MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR STATE HIGHWAY

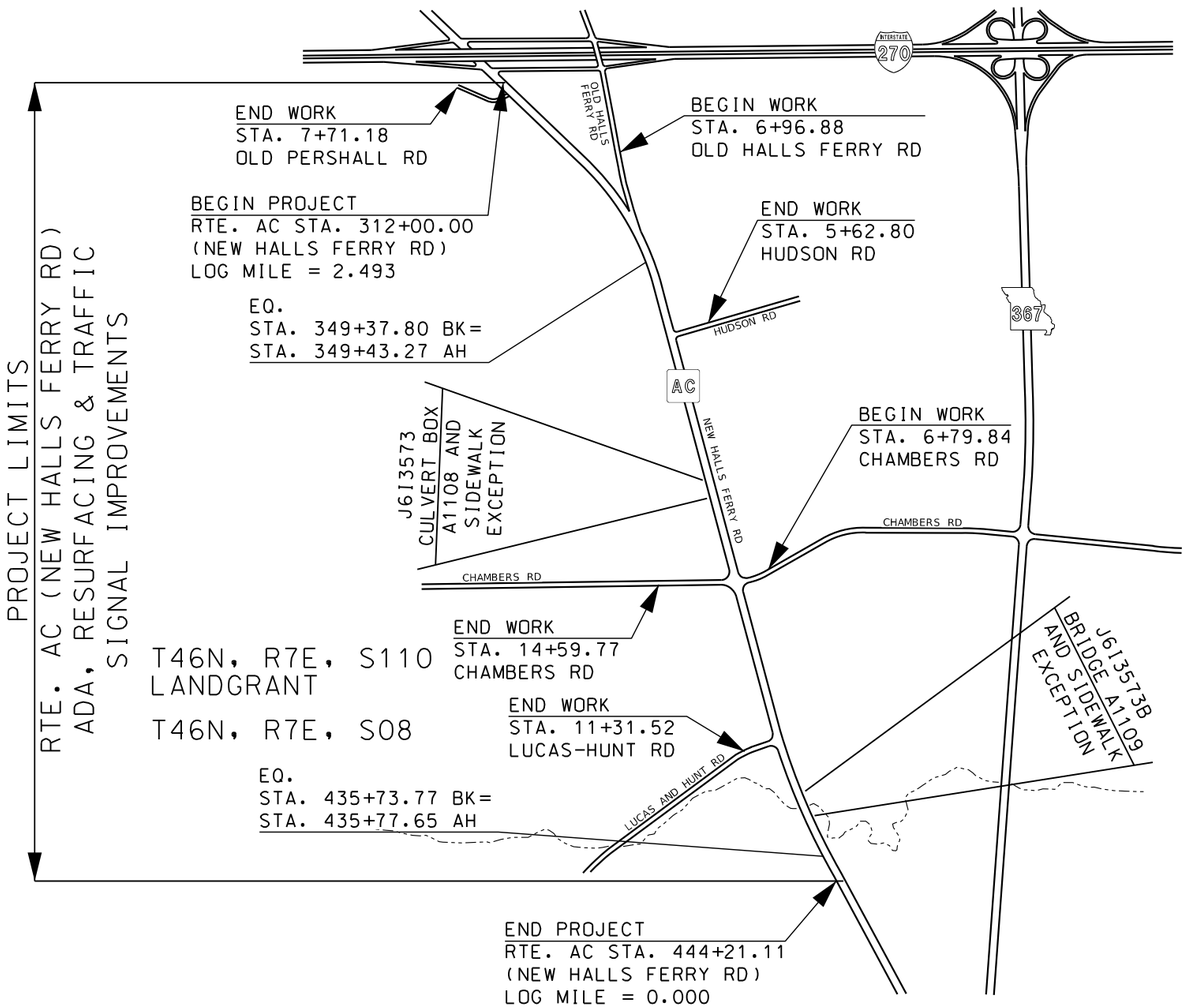
ST. LOUIS COUNTY

CONSTRUCTION PLANS



KEY MAP
LOCATION OF ST. LOUIS COUNTY

NOT TO SCALE



DESIGN DESIGNATION

A.A.D.T. - 2024 = 24,209
A.A.D.T. - 2046 = 26,748
D.H.V. = 7.2%
T = 12%
V = 35 M.P.H.
D = 51/49%
FUNCTIONAL CLASSIFICATION- OTHER PRINCIPAL ARTERIAL

NORMAL RIGHT-OF-WAY TO BE ACQUIRED FOR THIS PROJECT

PERMANENT & TEMPORARY EASEMENTS TO BE ACQUIRED

CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE (WV)	WV	
WATER METER (WM)	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTION (TS) (5 SHEETS)	2
QUANTITIES SHEETS (QU) (12 SHEETS)	3
PLAN (PL)	4-32
RIGHT OF WAY (RW)	33-47
SPECIAL SHEETS (SS)	48-68
UTILITY PLANS (UP)	69-97
REFERENCE POINTS (RP)	98
COORDINATE POINTS (CP)	99
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LIGHTING QUANTITIES (LT)	176
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A89701	1
A89711	1

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 312 + 00.00	
END OF PROJECT	STA. 444 + 21.11	
APPARENT LENGTH		13,221.11 FEET

EQUATIONS:

STA. 349 + 37.80 BK = STA. 349 + 43.27 AH	-5.47 FEET
STA. 435 + 73.77 BK = STA. 435 + 77.65 AH	-4.36 FEET
CORRECTION	-9.83 FEET
TOTAL CORRECTIONS	-9.83 FEET
NET LENGTH OF PROJECT	13,211.28 FEET
STATE LENGTH	2.502 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	8.23 ACRES

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:31-06'00'

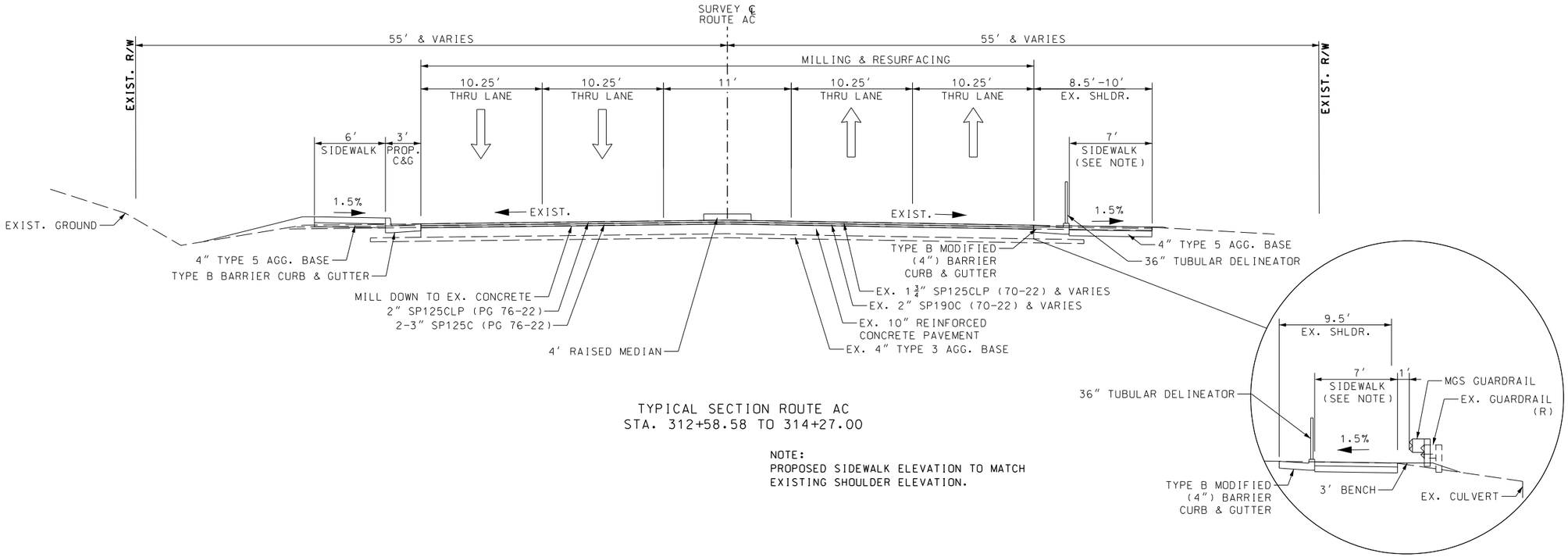
DATE PREPARED: 11/30/2025
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 1
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

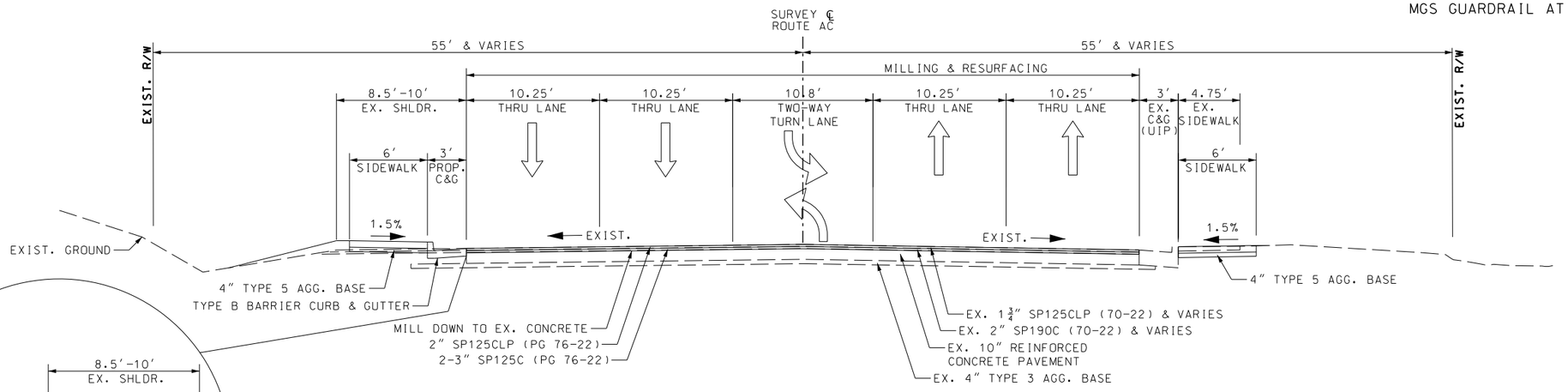
REV.



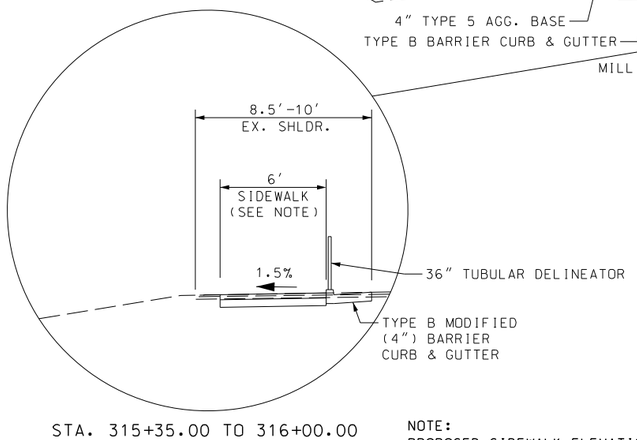
TYPICAL SECTION ROUTE AC
STA. 312+58.58 TO 314+27.00

NOTE:
PROPOSED SIDEWALK ELEVATION TO MATCH
EXISTING SHOULDER ELEVATION.

STA. 313+55.20 TO 314+76.42 RT
MGS GUARDRAIL AT BOX CULVERT



TYPICAL SECTION ROUTE AC
STA. 314+27.00 TO 318+91.43



STA. 315+35.00 TO 316+00.00

NOTE:
PROPOSED SIDEWALK ELEVATION TO MATCH
EXISTING SHOULDER ELEVATION.

ROUTE AC TYPICAL SECTION
SHEET 01 OF 05

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:06:48-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

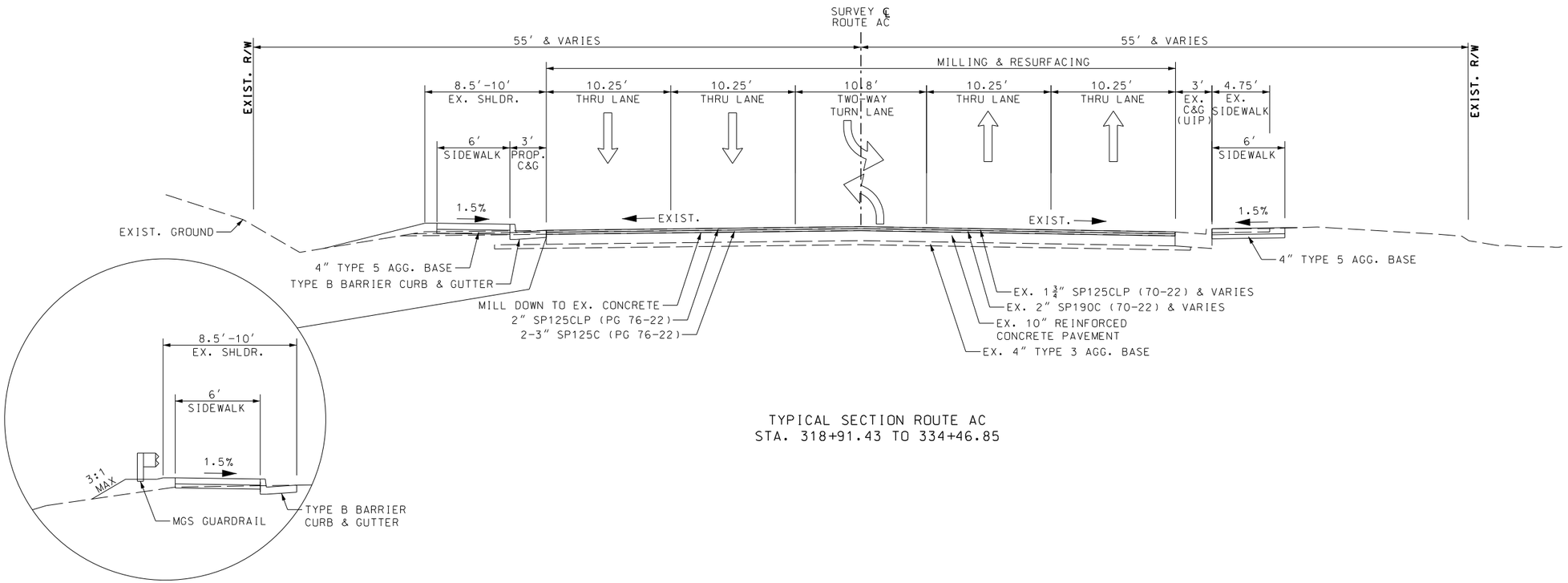
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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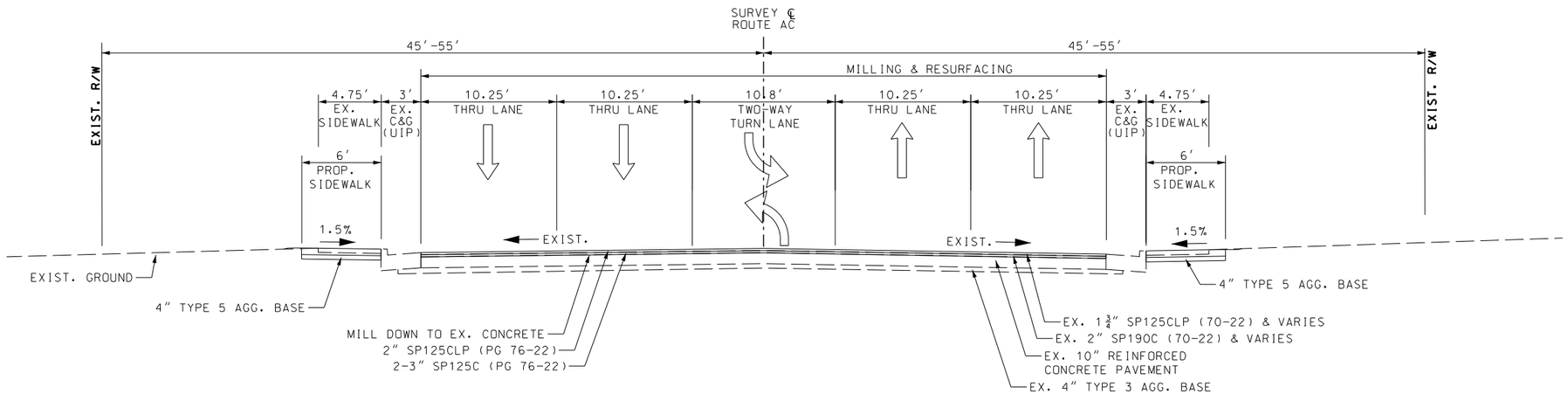
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314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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TYPICAL SECTION ROUTE AC
STA. 318+91.43 TO 334+46.85

STA. 326+72 TO 330+50 LT
GUARDRAIL



TYPICAL SECTION ROUTE AC
STA. 334+46.85 TO 340+05.00
STA. 361+82.17 TO 393+57.00
STA. 403+05.78 TO 427+45.63
STA. 434+36.17 TO 444+21.11 (RT)
STA. 436+40.90 TO 444+21.11 (LT)

ROUTE AC TYPICAL SECTION
SHEET 02 OF 05

STATE OF MISSOURI
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Date: 2026.01.09 14:08:16-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	2

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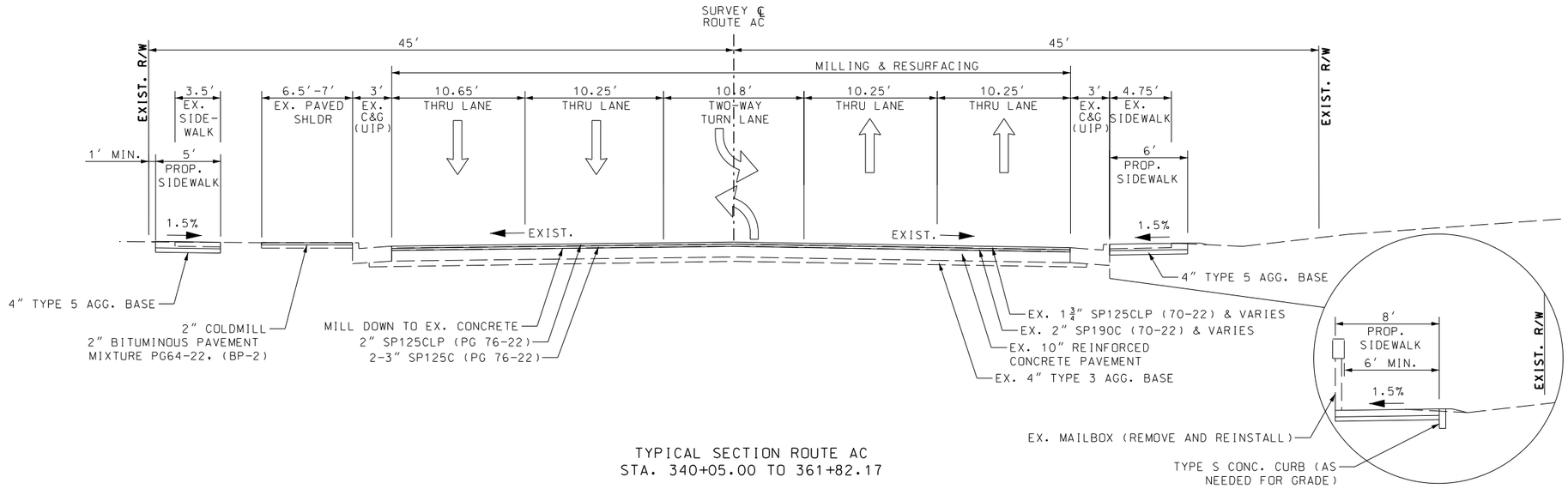
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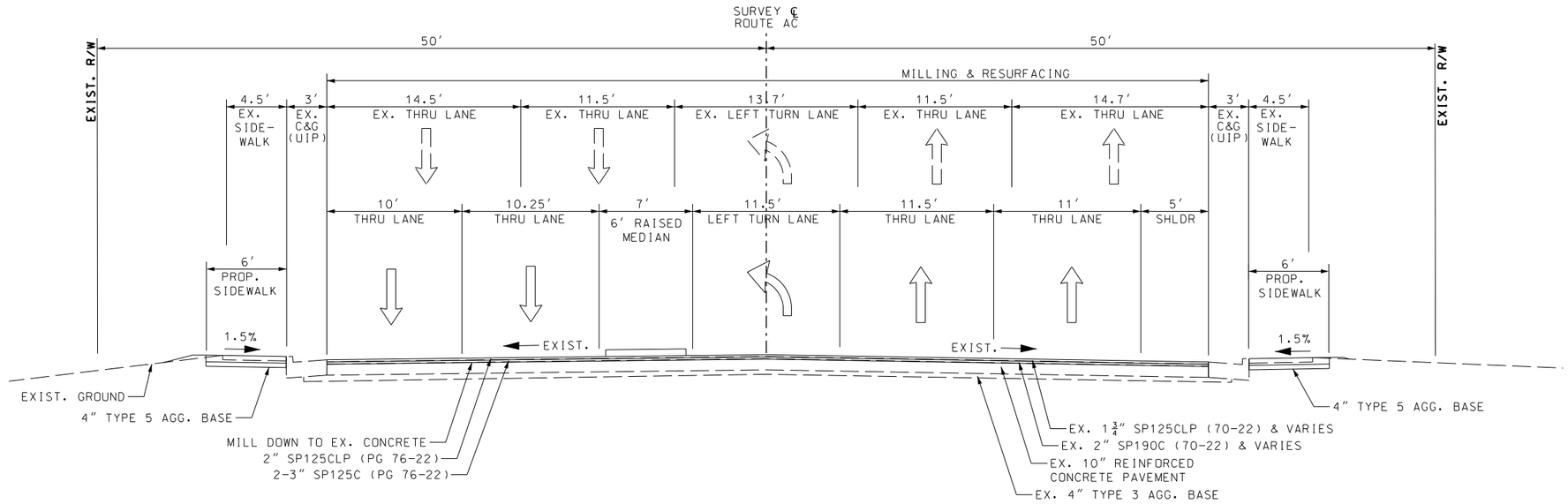
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TYPICAL SECTION ROUTE AC
STA. 340+05.00 TO 361+82.17

STA. 340+05.00 TO 361+82.17 RT
MAILBOX SECTION



TYPICAL SECTION ROUTE AC
STA. 393+57.00 TO 396+96.02

ROUTE AC TYPICAL SECTION
SHEET 03 OF 05

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

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BRIDGE NO.

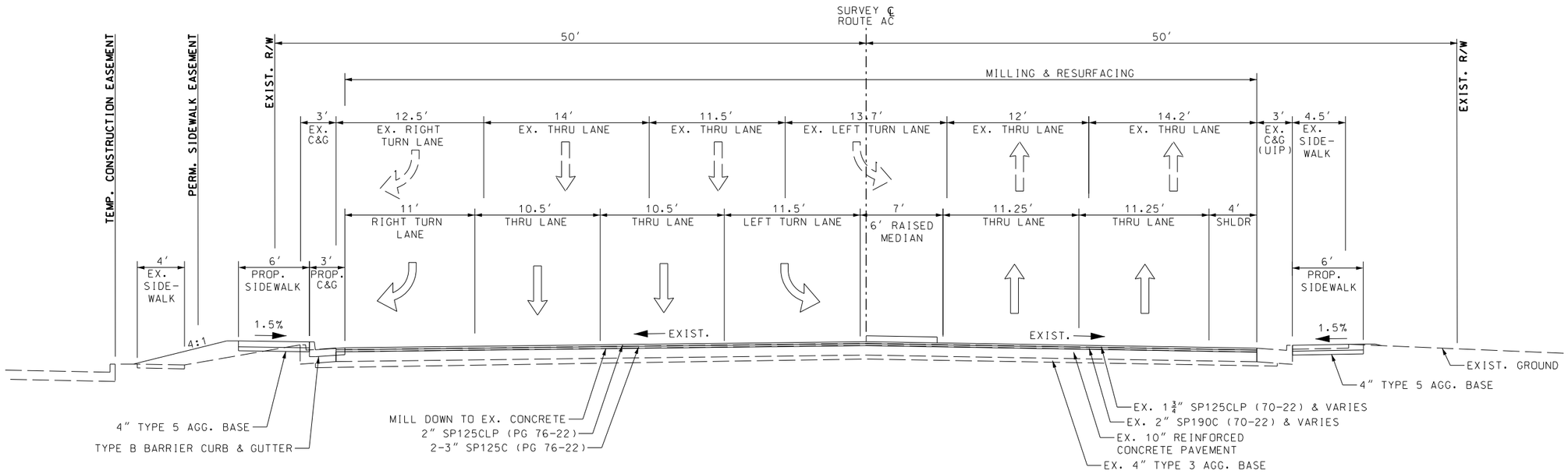
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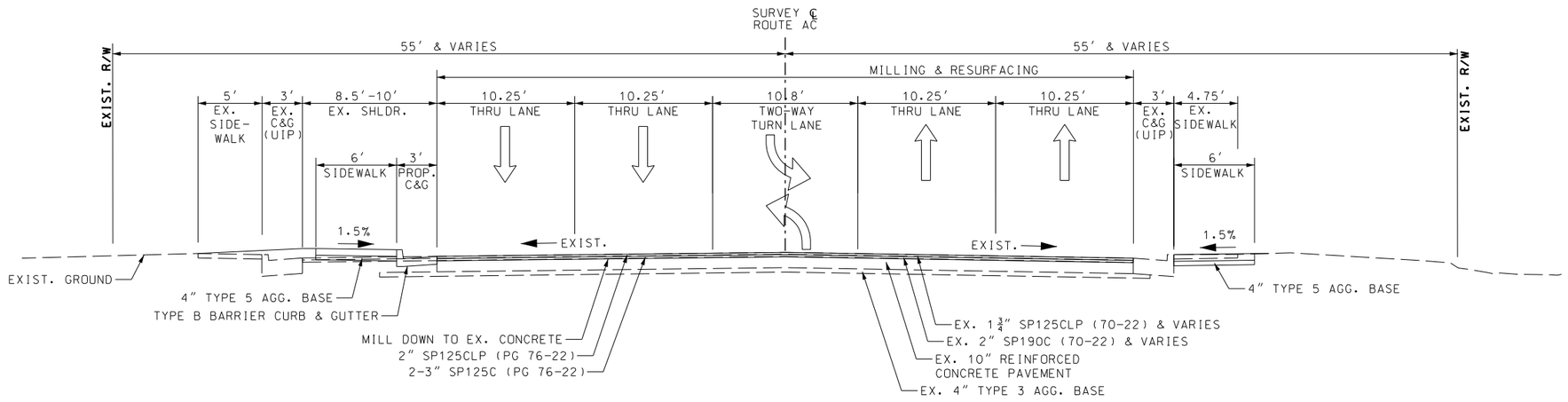
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TYPICAL SECTION ROUTE AC
STA. 398+28.48 TO 403+05.78



TYPICAL SECTION ROUTE AC
STA. 427+45.63 TO 430+06.59 (RT)
STA. 427+45.63 TO 430+26.21 (LT)

ROUTE AC TYPICAL SECTION
SHEET 04 OF 05

STATE OF MISSOURI
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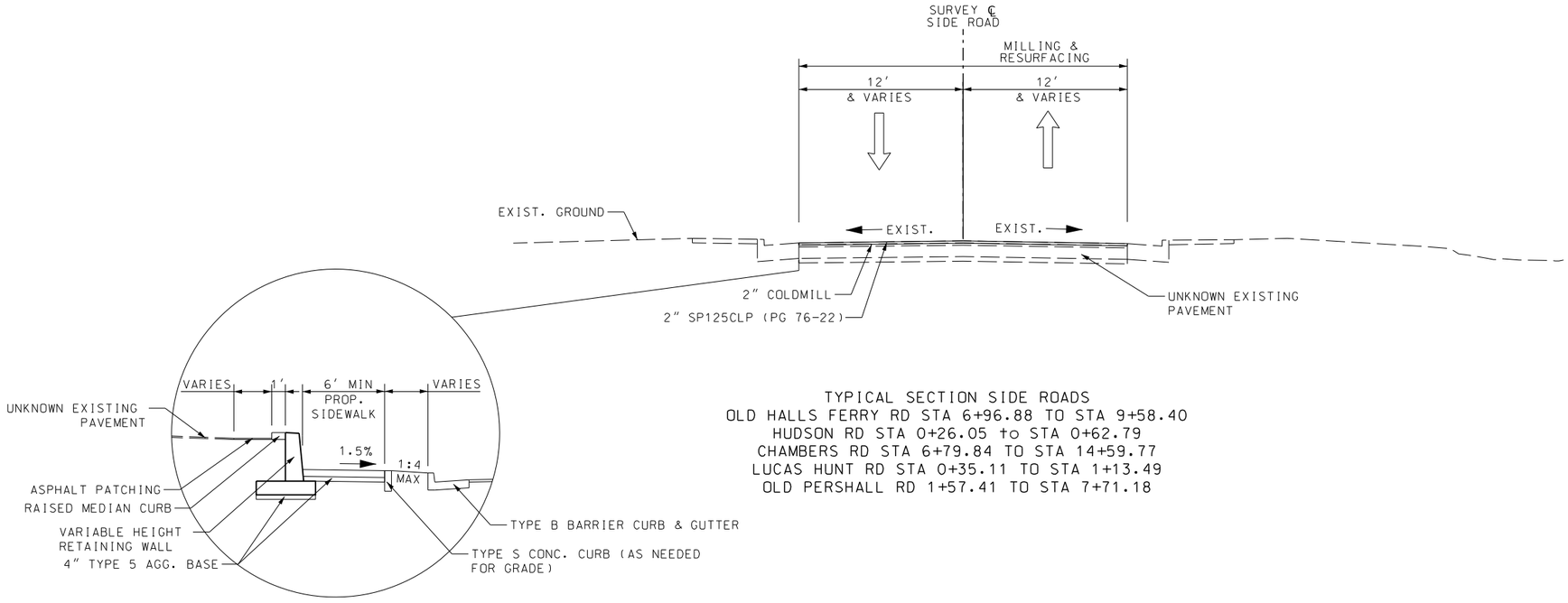
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CHAMBERS RD STA. 10+18.32 TO 10+75.95 LT
VARIABLE TYPE D BARRIER
RETAINING WALL SECTION

TYPICAL SECTION SIDE ROADS
OLD HALLS FERRY RD STA 6+96.88 TO STA 9+58.40
HUDSON RD STA 0+26.05 to STA 0+62.79
CHAMBERS RD STA 6+79.84 TO STA 14+59.77
LUCAS HUNT RD STA 0+35.11 TO STA 1+13.49
OLD PERSHALL RD 1+57.41 TO STA 7+71.18

ROUTE AC TYPICAL SECTION
SHEET 05 OF 05

STATE OF MISSOURI
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REMOVAL OF IMPROVEMENTS (ROADWAY) (TABLE 1 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	LOCATION	ITEM TO BE REMOVED	AMOUNT	UNIT	REMARKS
1-29	RTE AC	312+56.56	444+21.21	-	-	PAVEMENT	80224	SY	
2-3	C.H.F.	6+96.88	9+51.22	-	-	PAVEMENT	909	SY	
7-8	OLD FERSHALL	1+57.13	6+96.88	-	-	PAVEMENT	3851	SY	
18-20	CHAMBERS	6+79.84	13+97.94	-	-	PAVEMENT	3454	SY	
2	RTE AC	312+58.54	316+44.25	25	LT	SHOULDER	402	SY	
2	RTE AC	312+58.56	-	-	CL	SAWCUT	60	LF	
2	RTE AC	312+71.41	312+80.43	33	LT	SIDEWALK	11	SY	
2	RTE AC	312+71.41	316+37.75	26.5	RT	SHOULDER	332	SY	
2	RTE AC	312+71.46	312+79.04	34	RT	SIDEWALK	5	SY	
2	RTE AC	313+14.59	315+42.89	38	RT	GUARDRAIL	225	LF	
2	RTE AC	315+44.42	316+44.28	34	LT	CURB & GUTTER	100	LF	
2	RTE AC	316+44.23	317+25.87	26	LT	ENTRANCE	402	SY	
2	RTE AC	317+25.87	317+65.00	26	LT	SHOULDER	542	SY	
2	RTE AC	317+34.87	317+65.00	26.5	RT	SHOULDER	206	SY	
4	RTE AC	318+18.17	323+15.00	-	RT	CURB & GUTTER	497	LF	
4	RTE AC	317+65.00	322+52.37	26	LT	SHOULDER	501	SY	
4	RTE AC	317+65.00	318+18.17	26.5	RT	SHOULDER	55	SY	
4	RTE AC	318+18.81	323+15.00	29	RT	SIDEWALK	201	SY	
4	RTE AC	319+63.03	320+06.03	26	RT	ENTRANCE	54	SY	
4 & 5	RTE AC	322+52.37	323+24.93	26	LT	ENTRANCE	175	SY	
5	RTE AC	323+15.00	323+59.11	26	RT	CURB & GUTTER	45	LF	
5	RTE AC	323+24.93	328+65.00	26	LT	SHOULDER	543	SY	
5	RTE AC	323+43.50	328+65.00	29	RT	SIDEWALK	193	SY	
5	RTE AC	323+59.11	324+70.43	29	RT	SAWCUT	112	LF	
5	RTE AC	324+70.43	325+50.31	26	RT	CURB & GUTTER	80	LF	
5	RTE AC	325+50.31	325+70.30	29	RT	SAWCUT	20	LF	
5	RTE AC	325+70.30	328+10.81	26	RT	CURB & GUTTER	341	LF	
5	RTE AC	325+70.79	328+65.00	38	LT	GUARDRAIL	295	LF	
5	RTE AC	325+85.30	326+45.29	26	RT	ENTRANCE	72	SY	
5	RTE AC	326+51.39	327+13.54	26	RT	ENTRANCE	72	SY	
5	RTE AC	327+33.90	327+95.81	26	RT	ENTRANCE	71	SY	
5	RTE AC	328+10.81	328+65.00	29	RT	SAWCUT	55	LF	
6	RTE AC	331+74.63	334+00.00	35.5	LT	CURB	226	LF	
6	RTE AC	328+96.47	331+46.79	26	RT	CURB & GUTTER	251	LF	
6	RTE AC	328+65.00	329+25.62	VARIES	LT	GUARDRAIL	83	LF	
6	RTE AC	328+65.00	334+15.00	26	LT	SHOULDER	577	SY	
6	RTE AC	328+65.00	334+15.00	29	RT	SIDEWALK	165	SY	
6	RTE AC	329+04.46	329+78.06	36	LT	ENTRANCE	105	SY	
6	RTE AC	329+55.73	330+50.74	VARIES	LT	GUARDRAIL	118	LF	
6	RTE AC	329+66.43	330+16.43	26	RT	ENTRANCE	54	SY	
6	RTE AC	330+46.79	331+26.79	26	RT	ENTRANCE	117	SY	
6	RTE AC	331+13.66	331+83.52	36	LT	ENTRANCE	81	SY	
6	RTE AC	332+33.56	332+60.19	36	LT	ENTRANCE	61	SY	
6	RTE AC	332+53.67	334+15.00	26	RT	CURB & GUTTER	162	LF	
6	RTE AC	332+68.67	333+53.78	26	RT	ENTRANCE	134	SY	
6	RTE AC	333+14.18	333+61.11	36	LT	ENTRANCE	36	SY	
6 & 7	RTE AC	333+64.52	334+34.43	26	RT	ENTRANCE	95	SY	
6 & 7	RTE AC	334+00.15	334+45.25	34	LT	ENTRANCE	60	SY	
7	RTE AC	334+15.00	335+37.92	26	LT	CURB & GUTTER	123	LF	
7	RTE AC	334+15.00	334+49.46	-	RT	CURB & GUTTER	117	LF	
7	RTE AC	334+15.00	334+54.00	26	LT	SHOULDER	35	SY	
7	RTE AC	334+15.00	339+65.00	29	LT	SIDEWALK	161	SY	
7	RTE AC	334+15.00	339+65.00	29	RT	SIDEWALK	199	SY	
7	RTE AC	335+21.55	338+71.30	26	RT	CURB & GUTTER	350	LF	
7	RTE AC	335+36.73	335+72.22	26	RT	ENTRANCE	33	SY	
7	RTE AC	335+79.96	336+30.56	26	RT	ENTRANCE	67	SY	
7	RTE AC	335+84.68	339+02.65	26	LT	CURB & GUTTER	318	LF	
7	RTE AC	336+70.13	337+20.93	26.5	RT	ENTRANCE	66	SY	
7	RTE AC	337+37.46	337+86.82	26.5	RT	ENTRANCE	52	SY	
7	RTE AC	337+95.31	338+56.15	26.5	RT	ENTRANCE	70	SY	
7	CLD H.F.	5+97.04	-	-	CL	SAWCUT	40	LF	
7	CLD H.F.	5+98.71	8+19.65	VARIES	LT	SIDEWALK	58	SY	
7	CLD H.F.	7+31.13	7+69.31	12	LT	ENTRANCE	34	SY	
7	CLD H.F.	7+04.19	8+14.87	VARIES	LT	SIDEWALK	48	SY	
7 & 8	CLD H.F.	8+06.36	8+47.22	15	LT	ENTRANCE	41	SY	
8	CLD H.F.	8+19.66	9+37.73	VARIES	LT	SIDEWALK	70	SY	
8	CLD H.F.	8+61.52	9+12.92	VARIES	LT	ENTRANCE	30	SY	
8	RTE AC	339+65.00	340+07.00	29	LT	SIDEWALK	22	SY	
8	RTE AC	339+65.00	340+56.26	29	RT	SIDEWALK	53	SY	
8	RTE AC	344+16.64	345+12.92	26	RT	CURB & GUTTER	31	LF	
8	RTE AC	340+84.45	345+12.92	29	RT	SIDEWALK	193	SY	
8	RTE AC	341+49.38	341+88.86	VARIES	LT	ENTRANCE	43	SY	
8	RTE AC	341+51.00	341+61.71	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	341+77.31	341+87.41	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	342+22.39	342+59.92	VARIES	LT	ENTRANCE	40	SY	
8	RTE AC	342+22.62	342+33.26	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	342+46.63	342+57.93	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	342+78.37	343+19.09	VARIES	LT	ENTRANCE	43	SY	
8	RTE AC	342+78.48	342+89.35	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	343+04.76	343+14.86	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	343+42.36	343+83.86	VARIES	LT	ENTRANCE	49	SY	
8	RTE AC	343+42.45	343+53.27	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	343+68.94	343+79.06	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	344+16.19	344+27.14	VARIES	LT	SIDEWALK	6	SY	
8	RTE AC	344+16.63	344+49.42	26	LT	ENTRANCE	34	SY	
8	RTE AC	344+31.79	344+97.76	26	RT	ENTRANCE	75	SY	
8	RTE AC	344+37.67	344+49.55	38	LT	SIDEWALK	7	SY	
8	RTE AC	344+75.93	345+09.73	38	LT	SIDEWALK	10	SY	
8	RTE AC	344+76.42	345+11.94	26	LT	ENTRANCE	47	SY	
8	RTE AC	344+84.64	345+15.00	29	RT	SIDEWALK	16	SY	

REMOVAL OF IMPROVEMENTS (ROADWAY) (TABLE 2 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	LOCATION	ITEM TO BE REMOVED	AMOUNT	UNIT	REMARKS
9	RTE AC	348+04.03	348+75.36	26	RT	CURB & GUTTER	45	LF	
9	RTE AC	345+15.00	350+65.00	29	RT	SIDEWALK	263	SY	
9	RTE AC	345+35.59	345+46.26	38	LT	SIDEWALK	7	SY	
9	RTE AC	345+36.09	345+72.27	26	LT	ENTRANCE	48	SY	
9	RTE AC	345+61.84	345+72.77	38	LT	SIDEWALK	6	SY	
9	RTE AC	345+97.73	346+08.38	38	LT	SIDEWALK	7	SY	
9	RTE AC	345+98.22	346+34.73	26	LT	ENTRANCE	40	SY	
9	RTE AC	346+24.68	346+35.21	38	LT	SIDEWALK	6	SY	
9	RTE AC	347+53.44	347+75.41	38	LT	SIDEWALK	12	SY	ROADWAY
9	RTE AC	348+36.07	348+50.53	54	RT	SAWCUT	15	LF	ROADWAY
9	RTE AC	348+41.87	348+71.61	55	LT	SAWCUT	31	LF	
9	RTE AC	348+74.88	349+22.74	40	LT	SIDEWALK	23	SY	
9	RTE AC	349+12.75	349+52.89	26	LT	ENTRANCE	38	SY	
9	RTE AC	349+43.38	350+12.70	40	LT	SIDEWALK	21	SY	
9	RTE AC	350+02.82	350+38.27	26.5	LT	ENTRANCE	39	SY	
9	RTE AC	350+28.32	350+65.00	40	LT	SIDEWALK	10	SY	
10	RTE AC	350+65.00	356+15.00	40	LT	SIDEWALK	150	SY	
10	RTE AC	350+65.00	356+15.00	29	RT	SIDEWALK	255	SY	
10	RTE AC	351+35.19	351+56.13	45	LT	SAWCUT	21	LF	ROADWAY
10	RTE AC	352+07.22	352+42.19	26.5	LT	ENTRANCE	39	SY	
10	RTE AC	352+62.00	353+49.13	26	RT	CURB & GUTTER	60	LF	
10	RTE AC	353+04.09	353+39.09	26.5	LT	ENTRANCE	41	SY	
10	RTE AC	354+24.69	354+45.90	45	LT	SAWCUT	22	LF	ROADWAY
10	RTE AC	354+26.66	354+89.64	26	RT	CURB & GUTTER	60	LF	
10	RTE AC	354+45.60	354+71.04	26.5	RT	ENTRANCE	23	SY	
10	RTE AC	354+96.73	355+32.48	26.5	LT	ENTRANCE	45	SY	
10	RTE AC	355+58.84	361+65.00	26	RT	CURB & GUTTER	55	LF	
10	RTE AC	355+75.18	356+05.12	26.5	RT	ENTRANCE	25	SY	
10 & 11	RTE AC	355+89.02	356+22.41	26.5	LT	ENTRANCE	40	SY	
11	RTE AC	356+15.00	356+21.47	26	RT	CURB & GUTTER	8	LF	
11	RTE AC	356+15.00	361+65.00	40	LT	SIDEWALK	170	SY	
11	RTE AC	356+15.00	361+65.00	29	RT	SIDEWALK	239	SY	
11	RTE AC	356+90.05	357+51.94	VARIES	RT	CURB & GUTTER	60	LF	
11	RTE AC	357+07.27	357+36.31	26.5	RT	ENTRANCE	25	SY	
11	RTE AC	357+19.32	357+42.23	45	LT	SAWCUT	23	LF	ROADWAY
11	RTE AC	357+90.50	358+28.00	26	LT	ENTRANCE	45	SY	
11	RTE AC	358+22.24	359+15.54	VARIES	RT	CURB & GUTTER	92	LF	
11	RTE AC	358+37.38	359+00.65	26	RT	ENTRANCE	90	SY	
11	RTE AC	358+82.75	359+18.68	26	LT	ENTRANCE	45	SY	
11	RTE AC	359+61.87	359+93.78	26	RT	CURB & GUTTER	32	LF	
11	RTE AC	359+72.34	360+43.67	VARIES	LT	CURB & GUTTER	75	LF	
11	RTE AC	359+98.08	360+23.79	63	LT	SAWCUT	26	LF	ROADWAY
11	RTE AC	360+37.44	361+06.23	26	RT	CURB & GUTTER	60	LF	
11	RTE AC	360+52.28	360+91.17	26	RT	ENTRANCE	37	SY	
11	RTE AC	360+71.30	361+07.15	26	LT	ENTRANCE	42	SY	
11	RTE AC	361+33.00	361+65.00	26	RT	CURB & GUTTER	30	LF	
11	RTE AC	361+54.23	361+65.00	26	LT	CURB & GUTTER	11	LF	
12	RTE AC	361+65.00	367+15.00	29	LT	SIDEWALK	239	SY	
12	RTE AC	361+65.00	367+15.00	29	RT	SIDEWALK	251	SY	
12	RTE AC	361+65.00	361+95.81	-	RT	CURB & GUTTER	30	LF	
12	RTE AC	362+48.45	363+52.38	26	LT	CURB & GUTTER	100	LF	
12	RTE AC	362+63.03	363+26.65	26	RT	CURB & GUTTER	60	LF	
12	RTE AC	363+95.26	364+57.25	26	RT	CURB & GUTTER	60	LF	
12	RTE AC	364+01.42	364+65.86	26	LT	CURB & GUTTER	60	LF	
12	RTE AC	365+40.00	366+05.09	26	RT	CURB & GUTTER	60	LF	
12	RTE AC	365+54.30	366+18.19	26	LT	CURB & GUTTER	60	LF	
12	RTE AC	366+62.57	367+15.00	26	RT	CURB & GUTTER	51	LF	
12	RTE AC	366+76.34	367+15.00	26	LT	CURB & GUTTER	30	LF	
13	RTE AC	367+15.00	367+23.77	26	RT	CURB & GUTTER	9	LF	
13	RTE AC	367+15.00	372+65.00	29	LT	SIDEWALK	240	SY	
13	RTE AC	367+15.00	372+65.00	29	RT	SIDEWALK	255	SY	
13	RTE AC	367+15.00	367+40.88	26	LT	CURB & GUTTER	60	LF	
13	RTE AC	367+86.12	368+48.55	26	RT	CURB & GUTTER	60	LF	
13	RTE AC	367+90.12	368+53.63	26	LT	CURB & GUTTER	60	LF	
13	RTE AC	368+85.80	369+50.60	26	LT	CURB & GUTTER	60	LF	
13	RTE AC	369+92.64	372+04.42	26	LT	CURB & GUTTER	200	LF	
13	RTE AC	369+94.85	370+96.45	26	RT	CURB & GUTTER	90	LF	
13	RTE AC	371+76.42	372+39.82	26	RT	CURB & GUTTER	60	LF	
14	RTE AC	372+65.00	373+72.36	29	LT	SIDEWALK	232	SY	
14	RTE AC	372+65.00	378+15.00	29	RT	SIDEWALK	247	SY	
14	RTE AC	373+07.05	373+76.97	26	LT	CURB & GUTTER	60	LF	
14	RTE AC	373+72.36	374+72.14	26	RT	CURB & GUTTER	90	LF	
14	RTE AC	374+63.25	375+34.65	26	LT	CURB & GUTTER	60	LF	
14	RTE AC	375+78.24	376+40.50	26	LT	CURB & GUTTER	60	LF	
14	RTE AC	376+71.23	377+37.23	26	LT	CURB & GUTTER	60	LF	
14	RTE AC	376+86.23	377+22.23	26	LT	ENTRANCE	36	SY	
14	RTE AC	376+90.75	378+15.00	26	RT	CURB & GUTTER	75	LF	
14	RTE AC	377+26.05	377+43.37	50	RT	SAWCUT	18	LF	
14	RTE AC	377+51.23	378+15.00	26	LT	CURB & GUTTER	60	LF	
14 & 15	RTE AC	377+76.23	378+25.23	26	LT	ENTRANCE	83	SY	
15	RTE AC	378+15.00	378+40.23	26	LT	CURB & GUTTER	30	LF	
15	RTE AC	378+15.00	378+51.01	26	RT	CURB & GUTTER	30	LF	
15	RTE AC	378+15.00	383+59.63	29	LT	SIDEWALK	244	SY	
15	RTE AC	378+15.00	382+21.14	29	RT	SIDEWALK	198	SY	
15	RTE AC	380+05.50	381+55.40	26	LT	CURB & GUTTER	70	LF	
15	RTE AC	380+20.50	380+69.59	26	LT	ENTRANCE	82	SY	
15	RTE AC	380+44.47	381+22.09	26	RT	CURB & GUTTER	60	LF	
15	RTE AC	380+90.40	381+40.40	26	LT	ENTRANCE	48	SY	
15	RTE AC	382+80.18	383+59.63	26	LT	CURB & GUTTER	60	LF	

NOTE:
SAW CUTS ARE INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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REMOVAL OF IMPROVEMENTS (ROADWAY) (TABLE 3 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	LOCATION	ITEM TO BE REMOVED	AMOUNT	UNIT	REMARKS
15	RTE AC	382+97.07	383+41.18	26	LT	ENTRANCE	49	SY	
16	RTE AC	384+44.00	389+15.00	29	RT	SIDEWALK	226	SY	
16	RTE AC	385+40.90	389+15.00	29	LT	SIDEWALK	124	SY	
16	RTE AC	385+63.68	387+49.76	26	LT	CURB & GUTTER	96	LF	
16	RTE AC	386+16.88	387+39.78	26	RT	CURB & GUTTER	60	LF	
16	RTE AC	386+60.62	386+92.30	82	RT	SAWCUT	32	LF	
16	RTE AC	388+25.66	389+15.00	26	LT	CURB & GUTTER	30	LF	
17	RTE AC	389+15.00	390+26.13	26	LT	CURB & GUTTER	70	LF	
17	RTE AC	389+15.00	394+65.00	VARIES	LT	SIDEWALK	231	SY	
17	RTE AC	389+15.00	394+65.00	VARIES	RT	SIDEWALK	219	SY	
17	RTE AC	389+90.37	390+69.73	26	RT	CURB & GUTTER	50	LF	
17	RTE AC	390+75.43	391+43.57	26	LT	CURB & GUTTER	50	LF	
17	RTE AC	391+23.34	392+04.85	VARIES	RT	CURB & GUTTER	50	LF	
17	RTE AC	392+19.26	394+65.00	VARIES	RT	CURB & GUTTER	140	LF	
17	RTE AC	392+40.02	393+17.84	26	LT	CURB & GUTTER	50	LF	
18	RTE AC	394+65.00	395+88.53	33	RT	CURB & GUTTER	40	LF	
18	RTE AC	394+65.00	397+27.86	36	LT	SIDEWALK	128	SY	
18	RTE AC	394+65.00	397+14.29	36	RT	SIDEWALK	74	SY	
18	RTE AC	395+46.80	396+32.10	33	LT	CURB & GUTTER	50	LF	
18	RTE AC	396+15.83	396+78.98	33	RT	ENTRANCE	88	SY	
18	RTE AC	396+78.95	397+19.47	VARIES	RT	CURB & GUTTER	70	LF	
18	RTE AC	397+04.61	397+41.03	VARIES	LT	CURB & GUTTER	50	LF	
18	RTE AC	398+03.97	399+34.56	VARIES	LT	CURB & GUTTER	160	LF	
18	CHAMBERS	8+00.00	11+50.00	41	RT	CURB	85	LF	
18	CHAMBERS	8+00.00	8+42.79	29	RT	SHOULDER	66	SY	
18	CHAMBERS	8+00.00	9+35.61	33	LT	SIDEWALK	90	SY	
18	CHAMBERS	8+70.93	9+42.95	40	RT	SIDEWALK	38	SY	
18	CHAMBERS	10+22.69	11+50.00	33	LT	SIDEWALK	71	SY	
18	CHAMBERS	10+50.88	11+50.00	32	RT	SIDEWALK	59	SY	
18	CHAMBERS	10+80.11	11+33.15	28.5	RT	ENTRANCE	80	SY	
18	RTE AC	397+88.59	399+02.16	VARIES	RT	CURB & GUTTER	75	LF	
18	RTE AC	398+03.55	400+15.00	36	RT	SIDEWALK	69	SY	
18	RTE AC	398+11.90	399+19.23	VARIES	LT	SIDEWALK	52	SY	
18	RTE AC	398+30.19	398+85.07	33	RT	ENTRANCE	57	SY	
18	RTE AC	399+23.70	400+15.00	33	RT	CURB & GUTTER	35	LF	
18	RTE AC	399+38.72	399+68.82	33	RT	ENTRANCE	46	SY	
18	RTE AC	399+70.94	400+05.84	33	RT	ENTRANCE	42	SY	
19	CHAMBERS	5+79.84	8+00.00	41	RT	CURB	60	LF	
19	CHAMBERS	5+79.84	-	-	CL	SAWCUT	60	LF	
19	CHAMBERS	5+79.84	6+89.23	VARIES	RT	SHOULDER	24	SY	
19	CHAMBERS	5+79.84	8+00.00	33	LT	SIDEWALK	67	SY	
19	CHAMBERS	7+19.23	7+62.70	29	RT	SHOULDER	59	SY	
19	CHAMBERS	7+69.07	8+00.00	29	RT	SHOULDER	14	SY	
20	CHAMBERS	11+50.00	13+62.37	29	LT	CURB & GUTTER	147	LF	
20	CHAMBERS	11+50.00	13+46.53	29	RT	CURB & GUTTER	144	LF	
20	CHAMBERS	11+50.00	13+71.12	VARIES	LT	SIDEWALK	92	SY	
20	CHAMBERS	11+50.00	13+97.94	VARIES	RT	SIDEWALK	135	SY	
20	CHAMBERS	11+62.38	12+28.20	29.5	LT	ENTRANCE	89	SY	
20	CHAMBERS	11+74.34	12+27.50	28.5	RT	ENTRANCE	77	SY	
20	CHAMBERS	13+64.14	13+95.51	VARIES	LT	ENTRANCE	42	SY	
20	CHAMBERS	13+97.94	-	-	CL	SAWCUT	54	LF	
21	RTE AC	400+15.00	405+65.00	VARIES	RT	SIDEWALK	155	SY	
21	RTE AC	400+15.00	400+23.00	33	RT	CURB & GUTTER	8	LF	
21	RTE AC	400+35.52	405+65.00	VARIES	LT	SIDEWALK	179	SY	
21	RTE AC	400+40.10	404+97.70	VARIES	RT	CURB & GUTTER	180	LF	
21	RTE AC	400+51.64	401+05.88	33	LT	ENTRANCE	87	SY	
21	RTE AC	401+15.16	401+83.54	33	RT	ENTRANCE	68	SY	
21	RTE AC	401+80.80	402+47.53	VARIES	LT	CURB & GUTTER	80	LF	
21	RTE AC	402+24.74	402+82.91	VARIES	RT	ENTRANCE	87	SY	
21	RTE AC	403+72.84	405+65.00	26	LT	CURB & GUTTER	55	LF	
21	RTE AC	404+32.06	404+66.96	58	RT	SAWCUT	24	LF	
21	RTE AC	405+24.36	405+65.00	26	RT	CURB & GUTTER	20	LF	
22	RTE AC	405+65.00	406+85.90	26	LT	CURB & GUTTER	50	LF	
22	RTE AC	405+65.00	406+77.45	26	RT	CURB & GUTTER	50	LF	
22	RTE AC	405+65.00	411+15.00	29	LT	SIDEWALK	183	SY	
22	RTE AC	405+65.00	411+15.00	29	RT	SIDEWALK	187	SY	
22	RTE AC	407+03.27	407+75.67	26	LT	CURB & GUTTER	50	LF	
22	RTE AC	408+18.11	408+98.87	26	LT	CURB & GUTTER	50	LF	
22	RTE AC	408+27.75	410+32.30	26	RT	CURB & GUTTER	60	LF	
22	RTE AC	408+56.87	408+79.44	49.5	RT	SAWCUT	23	LF	
22	RTE AC	409+57.80	411+15.00	26	LT	CURB & GUTTER	65	LF	
22	RTE AC	410+55.52	411+15.00	26	RT	CURB & GUTTER	20	LF	
23	RTE AC	411+15.00	411+27.95	26	LT	CURB & GUTTER	13	LF	
23	RTE AC	411+15.00	411+63.55	26	RT	CURB & GUTTER	20	LF	
23	RTE AC	411+15.00	416+65.00	29	LT	SIDEWALK	198	SY	
23	RTE AC	411+15.00	416+65.00	29	RT	SIDEWALK	227	SY	
23	RTE AC	411+47.17	412+32.33	26	LT	CURB & GUTTER	50	LF	
23	RTE AC	411+94.04	413+03.60	26	RT	CURB & GUTTER	50	LF	
23	RTE AC	412+08.80	412+87.57	26	RT	ENTRANCE	93	SY	
23	RTE AC	412+92.49	414+55.44	26	LT	CURB & GUTTER	60	LF	
23	RTE AC	414+09.86	414+73.43	26	RT	CURB & GUTTER	50	LF	
23	RTE AC	414+24.86	414+58.43	26	RT	ENTRANCE	28	SY	
23	RTE AC	414+94.15	415+84.32	26	LT	CURB & GUTTER	50	LF	
23	RTE AC	415+11.26	415+68.32	28.5	LT	ENTRANCE	70	SY	
23	RTE AC	415+47.85	415+82.85	26	RT	ENTRANCE	31	SY	
23	RTE AC	415+32.85	415+97.85	26	RT	CURB & GUTTER	50	LF	
24	RTE AC	416+65.00	421+50.00	29	LT	SIDEWALK	223	SY	
24	RTE AC	416+65.00	419+96.98	29	RT	SIDEWALK	97	SY	
24	RTE AC	416+84.79	417+84.79	26	RT	CURB & GUTTER	50	LF	
24	RTE AC	416+99.79	417+68.79	25.5	RT	ENTRANCE	109	SY	

REMOVAL OF IMPROVEMENTS (ROADWAY) (TABLE 4 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	LOCATION	ITEM TO BE REMOVED	AMOUNT	UNIT	REMARKS
24	RTE AC	417+48.72	418+33.72	26	LT	CURB & GUTTER	50	LF	
24	RTE AC	417+63.72	418+18.72	26.5	LT	ENTRANCE	83	SY	
24	RTE AC	418+00.74	421+50.00	26	RT	CURB & GUTTER	85	LF	
24	RTE AC	419+28.14	420+09.17	26	LT	CURB & GUTTER	40	LF	
24	RTE AC	419+37.96	420+01.64	26.5	LT	ENTRANCE	112	SY	
24	RTE AC	419+89.00	420+68.00	26	RT	ENTRANCE	159	SY	
24	RTE AC	420+58.16	421+35.70	37	RT	SIDEWALK	34	SY	
24 & 25	RTE AC	421+26.66	422+01.00	VARIES	RT	ENTRANCE	112	SY	
25	RTE AC	421+50.00	422+20.98	29.5	LT	SIDEWALK	43	SY	
25	RTE AC	421+95.51	422+20.35	VARIES	RT	SIDEWALK	23	SY	
25	LUCAS & HUNT	0+93.57	1+31.49	30.5	RT	SIDEWALK	22	SY	
25	LUCAS & HUNT	1+31.52	-	-	CL	SAWCUT	57	LF	
25	RTE AC	423+15.95	426+65.00	29.5	LT	SIDEWALK	142	SY	
25	RTE AC	423+15.95	423+91.35	26	LT	CURB & GUTTER	40	LF	
25	RTE AC	423+28.30	423+76.28	26.5	LT	ENTRANCE	53	SY	
25	RTE AC	423+75.19	426+65.00	VARIES	RT	SIDEWALK	105	SY	
25	RTE AC	424+19.48	424+69.09	35.5	RT	ENTRANCE	74	SY	
25	RTE AC	424+38.63	425+04.05	26	LT	CURB & GUTTER	50	LF	
25	RTE AC	424+53.70	424+88.96	26.5	LT	ENTRANCE	34	SY	
25	RTE AC	425+22.67	425+88.25	26	LT	CURB & GUTTER	50	LF	
25	RTE AC	426+21.31	426+65.00	26	LT	CURB & GUTTER	20	LF	
25	RTE AC	424+04.61	426+30.26	VARIES	RT	CURB & GUTTER	110	LF	
25	RTE AC	426+50.67	426+65.00	VARIES	RT	CURB & GUTTER	15	LF	
26	RTE AC	426+65.00	430+26.20	VARIES	LT	CURB & GUTTER	201	LF	
26	RTE AC	426+65.00	427+14.18	VARIES	RT	CURB & GUTTER	25	LF	
26	RTE AC	426+65.00	427+10.42	29.5	LT	SIDEWALK	24	SY	
26	RTE AC	426+65.00	429+77.30	28.5	RT	SIDEWALK	128	SY	
26	RTE AC	426+98.49	427+54.27	26.5	LT	ENTRANCE	78	SY	
26	RTE AC	427+54.27	430+26.20	26.5	LT	SHOULDER	293	SY	
26	RTE AC	427+72.95	428+52.48	26	RT	CURB & GUTTER	50	LF	
26	RTE AC	427+85.91	428+40.10	25.5	RT	ENTRANCE	56	SY	
26	RTE AC	428+81.38	429+29.98	36	LT	ENTRANCE	22	SY	
26	RTE AC	428+85.85	429+74.30	26	RT	CURB & GUTTER	65	LF	
26	RTE AC	429+24.24	430+26.17	37	LT	SIDEWALK	32	SY	
26	RTE AC	429+50.91	429+98.66	36	LT	ENTRANCE	30	SY	
26	RTE AC	430+50.47	-	-	CL	SAWCUT	53	LF	
26	RTE AC	427+54.50	430+26.20	36	LT	CURB & GUTTER	100	LF	
27	RTE AC	434+36.35	436+39.03	26	RT	CURB & GUTTER	100	LF	
27	RTE AC	437+63.28	437+65.00	26	RT	CURB & GUTTER	2	LF	
27	RTE AC	433+67.48	-	-	CL	SAWCUT	53	LF	
27	RTE AC	434+36.14	436+19.62	25.5	RT	SHOULDER	83	SY	
27	RTE AC	434+36.14	437+65.00	VARIES	RT	SIDEWALK	114	SY	
27	RTE AC	435+45.21	435+99.03	55	RT	SAWCUT	50	LF	
28	RTE AC	437+65.00	443+15.00	29.5	LT	SIDEWALK	249	SY	
28	RTE AC	437+65.00	443+15.00	28.5	RT	SIDEWALK	222	SY	
28	RTE AC	437+65.00	438+43.67	26	RT	CURB & GUTTER	50	LF	
28	RTE AC	439+45.12	440+09.09	26	RT	CURB & GUTTER	50	LF	
28	RTE AC	439+60.05	439+94.14	25.5	RT	ENTRANCE	26	SY	
28	RTE AC	440+56.52	441+64.31	26	LT	CURB & GUTTER	50	LF	
28	RTE AC	440+58.91	442+27.14	26	RT	CURB & GUTTER	90	LF	
28	RTE AC	440+73.91	441+08.36	25.5	RT	ENTRANCE	25	SY	
28	RTE AC	441+81.56	442+77.09	26	LT	CURB & GUTTER	50	LF	
28	RTE AC	442+91.04	443+15.00	26	RT	CURB & GUTTER	25	LF	
29	RTE AC	443+15.00	444+21.11	29.5	LT	SIDEWALK	65	SY	
29	RTE AC	443+15.00	444+21.11	29.5	RT	SIDEWALK	25	SY	
29	RTE AC	443+75.18	443+95.54	-	RT	CURB & GUTTER	20	LF	
29	RTE AC	444+21.11	-	-	CL	SAWCUT	54	LF	
						PAY TOTAL	1	LS	

NOTE:
SAW CUTS ARE INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

ROUTE AC QUANTITIES
SHEET 02 OF 12

REMOVAL (SIGNS)*					
PAVEMENT MARKING & SIGNING SHEET NO.	ROADWAY	STATION	LOCATION	ITEM TO BE REMOVED	REMARKS
2	RTE AC	312+62	LT	SIGN, POST & FOUNDATION	
2	RTE AC	314+69	LT	SIGN, POST & FOUNDATION	
2	RTE AC	315+79	RT	SIGN, POST & FOUNDATION	
2	RTE AC	316+07	RT	SIGN, POST & FOUNDATION	
2	RTE AC	317+60	RT	SIGN, POST & FOUNDATION	
3	OLD PERSHALL	6+98	LT	SIGN, POST & FOUNDATION	
3	OLD PERSHALL	6+38	RT	SIGN, POST & FOUNDATION	
3	OLD PERSHALL	6+10	LT	SIGN, POST & FOUNDATION	
3	OLD PERSHALL	5+71	LT	SIGN, POST & FOUNDATION	
3	OLD PERSHALL	5+33	RT	SIGN, POST & FOUNDATION	
4	RTE AC	322+00	LT	SIGN, POST & FOUNDATION	
5	RTE AC	323+84	RT	SIGN, POST & FOUNDATION	
5	RTE AC	324+18	RT	POST & FOUNDATION	RELOCATE SIGN
5	RTE AC	327+90	LT	SIGN, POST & FOUNDATION	
6	RTE AC	328+71	LT	SIGN, POST & FOUNDATION	
6	RTE AC	331+45	RT	SIGN, POST & FOUNDATION	
7	RTE AC	335+38	RT	POST & FOUNDATION	RELOCATE SIGN
7	RTE AC	335+32	LT	POST & FOUNDATION	RELOCATE SIGN
7	RTE AC	338+25	LT	SIGN, POST & FOUNDATION	
7	RTE AC	338+79	RT	SIGN, POST & FOUNDATION	
8	OLD HALLS FERRY	9+40	LT	SIGN	
8	OLD HALLS FERRY	9+40	LT	SIGN	
8	RTE AC	340+65	MEDIAN	SIGN, POST & FOUNDATION	
8	RTE AC	341+13	MEDIAN	SIGN, POST & FOUNDATION	
8	RTE AC	341+14	LT	SIGN, POST & FOUNDATION	
8	RTE AC	342+51	RT	SIGN, POST & FOUNDATION	
8	RTE AC	344+25	MEDIAN	SIGN, POST & FOUNDATION	
9	RTE AC	348+62	RT	POST & FOUNDATION	RELOCATE SIGN
9	RTE AC	349+10	LT	SIGN, POST & FOUNDATION	
9	RTE AC	349+71	LT	SIGN, POST & FOUNDATION	
10	RTE AC	351+03	LT	SIGN, POST & FOUNDATION	
10	RTE AC	351+05	RT	SIGN, POST & FOUNDATION	
10	RTE AC	351+68	LT	POST	REPLACE POST
10	RTE AC	352+73	LT	SIGN, POST & FOUNDATION	
10	RTE AC	354+26	RT	POST & FOUNDATION	RELOCATE SIGN
11	RTE AC	357+48	LT	POST	REPLACE POST
11	RTE AC	358+87	RT	SIGN AND POST	REPLACE POST AND ONE SIGN
11	RTE AC	359+63	RT	SIGN, POST & FOUNDATION	
12	RTE AC	361+82	LT	POST & FOUNDATION	RELOCATE SIGN
12	RTE AC	366+02	LT	SIGN, POST & FOUNDATION	
14	RTE AC	376+47	LT	POST & FOUNDATION	RELOCATE SIGN
14	RTE AC	376+77	RT	POST & FOUNDATION	RELOCATE SIGN
14	RTE AC	377+67	LT	SIGN, POST & FOUNDATION	
15	RTE AC	378+48	RT	SIGN, POST & FOUNDATION	
16	RTE AC	385+54	RT	POST & FOUNDATION	RELOCATE SIGN
18	RTE AC	395+19	LT	POST & FOUNDATION	RELOCATE SIGN
18	RTE AC	395+58	LT	SIGN, POST & FOUNDATION	
18	RTE AC	396+33	LT	POST & FOUNDATION	RELOCATE SIGN
18	CHAMBERS	8+27	MEDIAN	SIGN, POST & FOUNDATION	
18	CHAMBERS	8+61	MEDIAN	SIGN, POST & FOUNDATION	
18	CHAMBERS	9+29	MEDIAN	SIGN, POST & FOUNDATION	
20	CHAMBERS	13+86	RT	POST & FOUNDATION	RELOCATE SIGN
20	CHAMBERS	14+00	RT	SIGN, POST & FOUNDATION	MAINTENANCE SIGNS TO BE UIP
21	RTE AC	404+35	RT	POST	REPLACE POST
22	RTE AC	406+14	RT	POST & FOUNDATION	RELOCATE SIGN
22	RTE AC	407+50	RT	SIGN, POST & FOUNDATION	
22	RTE AC	408+49	RT	POST	REPLACE POST
22	RTE AC	408+87	RT	SIGN, POST & FOUNDATION	
24	RTE AC	420+92	MEDIAN	SIGN, POST & FOUNDATION	
25	RTE AC	422+17	RT	SIGN, POST & FOUNDATION	
25	RTE AC	422+36	MEDIAN	SIGN, POST & FOUNDATION	
25	RTE AC	423+02	RT	SIGN, POST & FOUNDATION	
25	RTE AC	423+21	RT	SIGN, POST & FOUNDATION	
25	RTE AC	423+34	MEDIAN	SIGN, POST & FOUNDATION	
25	RTE AC	425+31	MEDIAN	SIGN, POST & FOUNDATION	
26	RTE AC	426+51	RT	POST & FOUNDATION	RELOCATE SIGN
27	RTE AC	436+87	RT	POST & FOUNDATION	RELOCATE SIGN
29	RTE AC	444+03	LT	SIGN, POST & FOUNDATION	
29	RTE AC	444+12	LT	SIGN, POST & FOUNDATION	REMOVE SIGN
29	RTE AC	444+20	LT	POST & FOUNDATION	RELOCATE SIGN
				PAY TOTAL	1

*NEW SIGNAGE POST PAID FOR WITH SIGNAGE QUANTITIES. KEEP SIGN FACE TO BE RELOCATED PER PLAN AND DIRECTION OF ENGINEER.

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
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ST. LOUIS

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J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

ROUTE AC QUANTITIES
SHEET 03 OF 12

CONCRETE SIDEWALK AND CURB RAMPS (TABLE 1 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
2	RTE AC	312+71.41	316+33.42	LT	228.29							228.29
2	RTE AC	312+71.46	316+15.39	RT	248.06							248.06
2	RTE AC	316+33.42	316+58.20	LT		16.28	1				23	16.28
2	RTE AC	316+15.39	316+33.89	RT		16.19	1				24	16.19
2	RTE AC	317+09.71	317+55.53	LT		33.76				2	38	33.76
2	RTE AC	317+20.55	317+55.92	RT		31.49				2	38	31.49
2,4	RTE AC	317+55.53	322+25.77	LT	276.39							276.39
2,4	RTE AC	317+55.92	319+50.20	RT	149.89							149.89
4	RTE AC	319+50.20	319+74.36	RT		16.90				1		16.90
4	RTE AC	319+95.64	320+17.36	RT		11.23				2		11.23
4	RTE AC	320+55.97	320+79.80	RT		14.27				1		14.27
4	RTE AC	320+79.80	322+01.12	RT	80.88							80.88
4	RTE AC	322+01.12	322+24.95	RT		14.27				1		14.27
4	RTE AC	322+25.77	322+58.60	LT		18.10				1		18.10
4	RTE AC	322+64.77	323+03.50	RT		22.57				2		22.57
5	RTE AC	323+22.94	323+55.77	LT		18.10				1		18.10
5	RTE AC	323+35.28	323+59.11	RT		14.27				1		14.27
5,6	RTE AC	323+55.77	328+81.45	LT	300.69							300.69
5	RTE AC	323+59.11	324+70.43	RT	74.21							74.21
5	RTE AC	324+70.43	324+94.27	RT		14.27				1		14.27
5	RTE AC	325+26.48	325+50.31	RT		14.27				1		14.27
5	RTE AC	325+50.31	325+70.30	RT	13.32							13.32
5	RTE AC	325+70.30	325+94.13	RT		14.27				1		14.27
5	RTE AC	326+36.46	326+65.46	RT		14.81				2	28	14.81
5	RTE AC	326+99.46	327+47.98	RT		26.53				2	56	26.53
5	RTE AC	327+81.74	328+10.81	RT		16.48				1	28	16.48
5,6	RTE AC	328+10.81	328+96.47	RT	57.11							57.11
6	RTE AC	328+81.45	329+14.28	LT		18.10				1		18.10
6	RTE AC	328+96.47	329+20.31	RT		14.27				1		14.27
6	RTE AC	329+52.47	329+75.24	RT		11.95				2		11.95
6	RTE AC	329+64.62	329+97.45	LT		18.10				1		18.10
6	RTE AC	329+97.45	330+97.88	LT	54.54							54.54
6	RTE AC	330+07.60	330+58.54	RT		30.00				2		30.00
6	RTE AC	330+97.88	331+26.95	LT		16.48				1		16.48
6	RTE AC	331+15.05	331+46.79	RT		18.82				1		18.82
6	RTE AC	331+59.66	331+88.73	LT		16.48				1		16.48
6	RTE AC	331+46.79	332+53.67	RT	71.25							71.25
6	RTE AC	331+88.73	332+01.74	LT	8.68							8.68
6	RTE AC	332+01.74	332+30.81	LT		16.48				1		16.48
6	RTE AC	332+53.67	332+82.74	RT		16.48				1		16.48
6	RTE AC	332+62.95	333+16.21	LT		29.88				2		29.88
6	RTE AC	333+44.80	333+78.59	RT		16.72				2		16.72
6	RTE AC	333+57.81	334+04.74	LT		25.48				2		25.48
7	RTE AC	334+20.36	334+49.46	RT		16.48				1		16.48
7	RTE AC	334+46.67	334+82.95	LT		19.95				2		19.95
7	RTE AC	334+49.46	335+21.57	RT	47.53							47.53
7	RTE AC	335+14.31	335+37.90	LT		14.28				1		14.28
7	RTE AC	335+21.57	335+45.68	RT		14.26				1		14.26
7	RTE AC	335+37.90	335+85.68	LT	31.55							31.55
7	RTE AC	335+63.27	335+88.90	RT		13.64				2		13.64
7	RTE AC	335+84.70	336+08.57	LT		14.48				1		14.48
7	RTE AC	336+21.70	336+45.80	RT		14.27				1		14.27
7	RTE AC	336+25.08	336+39.37	LT		8.64			2			8.64
7	RTE AC	336+45.80	336+54.98	RT	6.05							6.05
7	RTE AC	336+54.98	336+79.08	RT		14.24				1		14.24
7	RTE AC	336+89.69	337+12.03	LT		13.83			1			13.83
7	RTE AC	337+11.69	337+46.60	RT		21.42				2		21.42
7	RTE AC	337+12.03	337+28.21	LT	10.91							10.91
7	RTE AC	337+28.21	337+50.32	LT		13.68			1			13.68
7	RTE AC	337+77.88	338+04.26	RT		14.14				2		14.14
7	RTE AC	338+10.30	338+39.76	LT		17.40			2			17.40
7	RTE AC	338+47.20	338+71.33	RT		14.27				1		14.27
7	RTE AC	338+80.54	339+02.63	LT		13.66			1			13.66
7,8	RTE AC	338+71.33	340+56.26	RT	121.90							121.90
7,8	RTE AC	339+02.63	340+06.99	LT	68.46							68.46
7	OLD H.F.	5+96.88	7+28.80	LT	15.43							15.43
7	OLD H.F.	7+28.80	7+38.72	LT		5.53			1			5.53
7	OLD H.F.	7+56.71	7+66.44	LT		5.50			1			5.50
7	OLD H.F.	7+66.44	8+01.94	LT	22.37							22.37
7	OLD H.F.	8+01.94	8+14.85	LT		5.53			1			5.53
8	OLD H. F.	8+31.65	8+41.65	LT		5.50			1			5.50
8	OLD H.F.	8+41.65	8+77.66	LT	21.53							21.53
8	OLD H. F.	8+77.66	8+87.92	LT		5.59			1			5.59
8	OLD H.F.	8+99.68	9+10.52	LT		5.86			1			5.86
8	OLF H.F.	9+10.92	9+38.39	LT	16.36							16.36
8	RTE AC	340+84.45	344+16.64	RT	219.03							219.03
8	RTE AC	341+50.92	341+60.50	LT		5.55			1			5.55
8	RTE AC	341+77.04	341+87.06	LT		5.67			1			5.67
8	RTE AC	342+22.62	342+35.66	LT		5.56			1			5.56
8	RTE AC	342+45.93	342+57.80	LT		6.20			1			6.20
8	RTE AC	342+78.46	342+88.49	LT		5.66			1			5.66
8	RTE AC	343+05.02	343+15.13	LT		5.57			1			5.57
8	RTE AC	343+42.44	343+52.47	LT		5.54			1			5.54
8	RTE AC	343+69.06	343+78.89	LT		5.56			1			5.56
8	RTE AC	344+16.19	344+26.05	LT		5.56			1			5.56
8	RTE AC	344+16.64	344+46.07	RT		17.60				1	28	17.60
8	RTE AC	344+38.06	344+49.55	LT		6.04			1			6.04

CONCRETE SIDEWALK AND CURB RAMPS (TABLE 2 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
8	RTE AC	344+75.93	344+85.80	LT		5.54			1			5.54
8	RTE AC	344+82.16	345+12.96	RT		21.46				1	32	21.46
8	RTE AC	344+99.90	345+09.73	LT		5.55			1			5.55
9	RTE AC	345+12.96	348+04.03	RT	191.90							191.90
9	RTE AC	345+35.59	345+45.71	LT		5.62			1			5.62
9	RTE AC	345+82.92	345+72.72	LT		5.50			1			5.50
9	RTE AC	345+97.73	346+07.60	LT		5.56			1			5.56
9	RTE AC	346+25.33	364+35.23	LT		5.56			1			5.56
9	RTE AC	347+53.44	347+75.41	LT	11.38							11.38
9	RTE AC	348+04.03	348+30.37	RT		13.94				1	18	13.94
9	RTE AC	348+57.54	348+75.36	RT		9.16				1	12	9.16
9	RTE AC	348+75.43	348+97.01	LT		17.84				1	11	17.84
9,10	RTE AC	348+75.36	352+62.01	RT	252.27							252.27
9	RTE AC	348+97.04	349+10.29	LT	7.49							7.49
9	RTE AC	349+10.29	349+22.13	LT		6.67			1			6.67
9	RTE AC	349+43.39	349+55.39	LT		6.67			1			6.67
9	RTE AC	349+55.39	350+00.32	LT	24.97							24.97
9	RTE AC	350+00.32	350+12.54	LT		6.73			1			6.73
9	RTE AC	350+28.49	350+40.77	LT		6.75			1			6.75
9,10	RTE AC	350+40.77	351+15.00	LT	41.23							41.23
10	RTE AC	351+15.00	351+32.06	LT		9.08				1	11	9.08
10	RTE AC	351+58.66	351+75.89	LT		8.86				1	11	8.86
10	RTE AC	351+75.89	352+04.72	LT	16.03							16.03
10	RTE AC	352+04.72	352+16.72	LT		6.67			1			6.67
10	RTE AC	352+32.68	352+44.68	LT		6.67			1			6.67
10	RTE AC	352+44.68	353+01.59	LT	31.62							31.62
10	RTE AC	352+62.01	352+86.39	RT		19.63				1		19.63
10	RTE AC	353+01.59	353+13.59	LT		6.67			1			6.67
10	RTE AC	353+26.65	353+49.13	RT		18.66			1			18.66
10	RTE AC	353+29.59	353+41.59	LT		6.67			1			6.67
10	RTE AC	353+41.59	354+02.65	LT	33.92							33.92
10	RTE AC	353+49.13	354+26.66	RT	51.69							51.69
10	RTE AC	354+02.65	354+21.37	LT		9.95				1	11	9.95
10	RTE AC	354+26.66	354+50.83	RT		14.40				1		14.40
10	RTE AC	354+49.11	354+68.76	LT		8.71				1	11	8.71
10	RTE AC	354+84.84	354+89.64	RT		19.85				1		19.85
10	RTE AC	354+68.76	354+94.23	LT	14.16							14.16
10	RTE AC	354+89.64	355+58.84	RT	46.13							46.13
10	RTE AC	354+94.23	355+22.42	LT		6.67			1			6.67
10	RTE AC	355+23.00	355+35.00	LT		6.67			1			6.67
10	RTE AC	355+35.00	355+86.22	LT	28.46							28.46
10	RTE AC	355+58.84	355+82.67	RT		14.27				1		14.27
10	RTE AC	355+86.22	356+04.37	LT		6.67			1			6.67
10,11	RTE AC	355+97.09	356+21.47	RT		19.63				1		19.63
10,11	RTE AC	356+12.91	356+24.91	LT		6.68			1			6.68
11	RTE AC	356+21.47	356+90.05	RT	45.75							45.75
11	RTE AC	356+24.91	357+03.49	LT	43.71							43.71
11	RTE AC	356+90.05	357+13.97	RT		14.27				1		14.27
11	RTE AC	357+03.49	357+17.20	LT		6.39				1	11	6.39
11	RTE AC	357+29.18	357+51.94	RT		18.68			1			18.68
11	RTE AC	357+44.55	357+58.37	LT		7.32				1	11	7.32
11	RTE AC	357+51.94	358+22.24	RT	46.72							46.72
11	RTE AC	357+58.37	357+88.19	LT	16.63							16.63
11	RTE AC	357+88.19	358+00.15	LT		6.67			1			6.67
11	RTE AC	358+18.53	358+30.49	LT		6.67			1			6.67
11	RTE AC	358+22.24	358+51.51	RT		16.54				1	28	16.54
11	RTE AC	358+30.49	358+80.26	LT	27.76							27.76
11	RTE AC	358+80.26	358+92.22	LT		6.67			1			6.67
11	RTE AC	358+86.53	359+15.54	RT		16.40				1	28	16.40
11	RTE AC	359+09.15	359+21.19	LT		6.67			1			6.67
11	RTE AC	359+15.54	359+61.87	RT	30.97							30.97
11	RTE AC	359+21.19	359+60.30	LT	21.65							21.65
11	RTE AC	359+60.30	359+95.74	LT		29.49				2	28	29.49
11	RTE AC	359+61.87	359+93.77	RT		21.33	1					21.33
11	RTE AC	359+93.77	360+37.44	RT	29.19							29.19
11	RTE AC	360+24.41	360+36.45	LT		6.28				1	11	6.28
11	RTE AC	360+36.45	360+68.79	LT	17.89							17.89
11	RTE AC	360+37.44	360+61.20	RT		14.27				1		14.27
11	RTE AC	360+68.79	360+80.83	LT		6.67			1			6.67
11	RTE AC	360+81.92	361+06.40	RT		19.74				1		19.74
11	RTE AC	360+97.62	361+09.66	LT		6.67			1			6.67
11	RTE AC	361+06.40	361+33.08	RT	17.87							17.87
11,12	RTE AC	361+14.68	362+48.45	LT	85.83							85.83
11	RTE AC	361+33.08	361+56.79	RT		14.29				1		14.29
12	RTE AC	361+71.42	361+95.90	RT		19.72				1		19.72
12	RTE AC	361+95.90	362+63.10	RT	44.79							44.79
12	RTE AC	362+48.45	362+72.28	LT		14.27				1		14.27
12	RTE AC	362+63.10	362+86.85	RT		14.22				1		14.22
12	RTE AC	362+87.34	363+02.32	LT		8.80			2			8.80
12	RTE AC	363+02.28	363+26.76	RT		19.72				1		19.72
12	RTE AC	363+28.22	363+52.38	LT		16.93				1		16.93
12	RTE AC	363+26.76	363+95.33	RT	45.73							45.73
12	RTE AC	363+52.38	364+01.42	LT	32.69							32.59
12	RTE AC	363+95.33	364+19.26	RT		14.22				1		14.22
12	RTE AC	364+01.42	364+25.25	LT		14.27				1		14.27
12	RTE AC	364+32.86	364+57.36	RT		19.72				1		19.72

ROUTE AC QUANTITIES
SHEET 04 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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CONCRETE SIDEWALK AND CURB RAMPS (TABLE 3 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
12	RTE AC	364+42.03	364+65.86	LT		14.27				1		14.27
12	RTE AC	364+57.36	365+40.08	RT	55.18							55.18
12	RTE AC	364+65.86	365+54.30	LT	58.96							58.96
12	RTE AC	365+40.08	365+62.57	RT		13.80			1			13.80
12	RTE AC	365+54.30	365+78.13	LT		14.27				1		14.27
12	RTE AC	365+80.71	366+05.23	RT		19.64				1		19.64
12	RTE AC	365+94.36	366+18.19	LT		14.27				1		14.27
12	RTE AC	366+05.23	366+62.64	RT	38.32							38.32
12	RTE AC	366+18.19	366+76.34	LT	38.77							38.77
12	RTE AC	366+62.64	366+86.40	RT		14.26				1		14.26
12	RTE AC	366+76.34	367+00.18	LT		14.27				1		14.27
12 & 13	RTE AC	366+99.39	367+23.87	RT		19.64				1		19.64
13	RTE AC	367+16.72	367+40.88	LT		16.93				1		16.93
13	RTE AC	367+23.87	367+86.19	RT	41.56							41.56
13	RTE AC	367+40.88	367+90.16	LT	32.85							32.85
13	RTE AC	367+86.19	368+09.94	RT		14.22				1		14.22
13	RTE AC	367+90.16	368+13.99	LT		14.27				1		14.27
13	RTE AC	368+24.17	368+48.55	RT		19.72				1		19.72
13	RTE AC	368+29.79	368+53.63	LT		14.27				1		14.27
13	RTE AC	368+48.55	369+94.85	RT	97.54							97.54
13	RTE AC	368+53.63	368+85.80	LT	21.45							21.45
13	RTE AC	368+85.80	369+09.64	LT		14.27				1		14.27
13	RTE AC	369+26.44	369+50.60	LT		16.93				1		16.93
13	RTE AC	369+50.60	369+92.64	LT	28.03							28.03
13	RTE AC	369+92.64	370+16.47	LT		14.27				1		14.27
13	RTE AC	369+94.80	370+18.68	RT		14.22				1		14.22
13	RTE AC	370+34.35	370+56.32	RT		15.45				2		15.45
13	RTE AC	370+36.53	370+60.41	LT		14.27				1		14.27
13	RTE AC	370+60.41	370+67.84	LT	4.95							4.95
13	RTE AC	370+67.84	370+91.68	LT		14.27				1		14.27
13	RTE AC	370+72.06	370+96.45	RT		19.72				1		19.72
13	RTE AC	370+96.45	371+76.42	RT	53.10							53.10
13	RTE AC	371+11.85	371+35.68	LT		14.27				1		14.27
13	RTE AC	371+35.68	371+40.49	LT	3.21							3.21
13	RTE AC	371+40.49	371+64.32	LT		14.27				1		14.27
13	RTE AC	371+76.42	372+00.24	RT		14.22				1		14.22
13	RTE AC	371+80.26	372+04.42	LT		16.93				1		16.93
13,14	RTE AC	372+04.42	373+07.05	LT	68.42							68.42
13	RTE AC	372+15.43	372+39.82	RT		19.64				1		19.64
13,14	RTE AC	372+39.82	373+72.36	RT	88.35							88.35
14	RTE AC	373+07.05	373+30.88	LT		14.27				1		14.27
14	RTE AC	373+53.14	373+76.97	LT		14.27				1		14.27
14	RTE AC	373+72.36	373+96.19	RT		14.26				1		14.26
14	RTE AC	373+76.97	374+63.25	LT	57.52							57.52
14	RTE AC	374+12.08	374+34.52	RT		15.86				2		15.86
14	RTE AC	374+47.76	374+72.14	RT		19.64				1		19.64
14	RTE AC	374+63.25	374+87.08	LT		14.27				1		14.27
14	RTE AC	374+72.14	376+90.75	RT	145.43							145.43
14	RTE AC	375+10.82	375+34.65	LT		14.27				1		14.27
14	RTE AC	375+34.65	375+78.24	LT	29.06							29.06
14	RTE AC	375+78.24	376+02.41	LT		16.93				1		16.93
14	RTE AC	376+16.66	376+40.50	LT		14.27				1		14.27
14	RTE AC	376+40.50	376+71.23	LT	20.49							20.49
14	RTE AC	376+71.23	376+95.07	LT		14.27				1		14.27
14	RTE AC	376+90.75	377+19.81	RT		16.42				1	28	16.42
14	RTE AC	377+13.40	377+37.23	LT		14.27				1		14.27
14	RTE AC	377+37.23	377+61.23	LT	16.00							16.00
14	RTE AC	377+50.05	377+96.34	RT		26.34				1	27	26.34
14	RTE AC	377+61.23	377+85.06	LT		14.27				1		14.27
15	RTE AC	378+16.40	378+40.23	LT		14.27				1		14.27
15	RTE AC	378+27.19	378+51.09	RT		14.26				1		14.26
15	RTE AC	378+40.23	380+05.50	LT	110.18							110.18
15	RTE AC	378+51.09	380+44.47	RT	128.97							128.97
15	RTE AC	380+05.50	380+29.33	LT		14.27				1		14.27
15	RTE AC	380+44.47	380+68.29	RT		14.22				1		14.22
15	RTE AC	380+60.76	380+99.23	LT		22.40				2		22.40
15	RTE AC	380+98.27	381+22.09	RT		14.26				1		14.26
15	RTE AC	381+22.09	382+21.14	RT	65.81							65.81
15	RTE AC	381+31.57	381+55.40	LT		14.27				1		14.27
15	RTE AC	381+55.40	382+80.17	LT	83.29							83.29
15	RTE AC	382+80.17	383+04.01	LT		14.30				1		14.30
15	RTE AC	383+35.80	383+59.63	LT		14.27				1		14.27
16	RTE AC	384+44.00	386+16.88	RT	115.25							115.25
16	RTE AC	385+40.90	385+63.68	LT	15.19							15.19
16	RTE AC	385+63.68	385+87.51	LT		14.27				1		14.27
16	RTE AC	386+16.88	386+49.54	RT		17.94				1	34	17.94
16	RTE AC	386+28.49	386+52.32	LT		14.27				1		14.27
16	RTE AC	386+52.32	386+61.24	LT	5.94							5.94
16	RTE AC	386+61.24	386+85.07	LT		14.27				1		14.27
16	RTE AC	387+06.79	387+39.78	RT		18.18				1	35	18.16
16	RTE AC	387+25.99	387+49.76	LT		14.27				1		14.27
16	RTE AC	387+39.78	389+90.37	RT	167.06							167.06
16	RTE AC	387+49.76	388+25.66	LT	54.32							54.32
16	RTE AC	388+25.66	388+54.73	LT		16.48				1		16.48
16,17	RTE AC	389+08.28	389+37.35	LT		16.48				1		16.48
17	RTE AC	389+37.35	389+40.09	LT	1.83							1.83
17	RTE AC	389+40.09	389+63.92	LT		14.27				1		14.27

CONCRETE SIDEWALK AND CURB RAMPS (TABLE 4 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
17	RTE AC	389+90.37	390+14.20	RT		14.27				1		14.27
17	RTE AC	390+02.30	390+26.13	LT		14.27				1		14.27
17	RTE AC	390+26.13	390+75.48	LT	32.90							32.90
17	RTE AC	390+45.90	390+69.73	RT		14.27				1		14.27
17	RTE AC	390+69.73	391+23.34	RT	35.74							35.74
17	RTE AC	390+75.48	390+99.37	LT		19.63				1		19.63
17	RTE AC	391+19.74	391+43.57	LT		14.27				1		14.27
17	RTE AC	391+23.34	391+47.17	RT		14.27				1		14.27
17	RTE AC	391+43.57	392+40.00	LT	64.23							64.23
17	RTE AC	391+80.52	392+04.64	RT		14.27				1		14.27
17	RTE AC	392+04.64	392+19.10	RT	9.76							9.76
17	RTE AC	392+19.25	392+42.75	RT		14.27				1		14.27
17	RTE AC	392+40.00	392+63.59	LT		14.27				1		14.27
17	RTE AC	392+59.06	392+86.15	RT		14.86				2		14.86
17	RTE AC	392+93.75	393+17.84	LT		14.27				1		14.27
17	RTE AC	393+04.06	393+27.89	RT		14.27				1		14.27
17,18	RTE AC	393+17.84	395+46.80	LT	152.75							152.75
17	RTE AC	393+27.89	393+82.62	RT	36.49							36.49
17	RTE AC	393+82.62	394+06.45	RT		14.27				1		14.27
17	RTE AC	394+26.58	394+61.36	RT		20.28				1		20.28
18	RTE AC	394+91.96	395+19.35	RT		15.00				2		15.00
18	RTE AC	395+46.82	395+70.63	LT		14.25				1		14.25
18	RTE AC	395+69.80	395+88.63	RT		10.94				1		10.94
18	RTE AC	395+88.63	396+07.29	RT	11.40							11.40
18	RTE AC	396+07.29	396+22.33	RT		8.36			1			8.36
18	RTE AC	396+08.27	396+32.10	LT		14.27				1		14.27
18	RTE AC	396+32.10	396+97.69	LT	40.08							40.08
18	RTE AC	396+72.39	397+19.97	RT		58.70			2	2	39	58.70
18	RTE AC	396+97.69	397+41.02	LT		41.38				2	34	41.38
18	RTE AC	397+88.92	398+36.66	RT		56.72			1	2	42	56.72
18	RTE AC	398+05.02	398+31.75	LT		31.88				2	33	31.88
18	RTE AC	398+31.75	399+39.82	LT	71.45							71.45
18	RTE AC	398+78.34	399+02.16	RT		14.27				1		14.27
18	RTE AC	399+02.16	399+23.70	RT	14.36							14.36
18	RTE AC	399+23.70	399+47.35	RT		14.15				1		14.15
18	RTE AC	399+84.08	399+97.05	RT		6.46				2		6.46
18,21	RTE AC	399+97.05	400+23.00	RT		15.59				1		15.59
18,19	CHAMBERS	6+79.84	9+12.11	LT	149.29							149.29
18,19	CHAMBERS	7+92.07	8+09.54	RT		11.46			1			11.46
18	CHAMBERS	8+09.54	8+24.14	RT	13.37							13.37
18	CHAMBERS	8+24.14	8+38.21	RT		9.99			1			9.99
18	CHAMBERS	8+70.79	8+87.18	RT		10.47			1			10.47
18	CHAMBERS	8+87.18	9+20.85	RT	20.05							20.05
18	CHAMBERS	10+58.90	11+46.65	LT	57.05							57.05
18	CHAMBERS	11+23.44	11+39.35	RT		8.69			1			8.69
18,20	CHAMBERS	11+39.35	11+59.34	RT	13.18							13.18
18,20	CHAMBERS	11+46.65	11+70.48	LT		14.27				1		14.27
19	CHAMBERS	6+79.84	6+86.23	RT		8.95			1	1		8.95
19	CHAMBERS	7+22.23	7+29.70	RT		4.97			1			4.97
19	CHAMBERS	7+29.70	7+44.70	RT	11.70							11.70
19	CHAMBERS	7+44.70	7+59.70	RT		9.82			1			9.82
20	CHAMBERS	11+59.34	11+83.18	RT		14.27				1		14.27
20	CHAMBERS	12+19.14	12+42.50	RT		11.64				1		11.64
20	CHAMBERS	12+19.37	12+43.20	LT		14.27				1		14.27
20	CHAMBERS	12+42.50	13+98.36	RT	103.58							103.58
20	CHAMBERS	12+43.20	13+47.71	LT	69.68							69.68
20	CHAMBERS	13+47.71	13+71.60	LT		14.29				1		14.29
20	CHAMBERS	13+89.44	14+31.87	LT		20.89				1		20.89
21	RTE AC	400+35.52	400+45.16	LT	9.21							9.21
21	RTE AC	400+40.11	400+67.85	RT		16.87				1		16.87
21	RTE AC	400+45.16	400+63.38	LT		11.09			1			11.09
21	RTE AC	400+88.98	401+23.99	RT		20.10				2		20.10
21	RTE AC	400+96.38	401+20.99	LT		16.12			1			16.12
21	RTE AC	401+20.99	401+80.80	LT	40.27							40.27
21	RTE AC	401+74.71	401+98.54	RT		14.27				1		14.27
21	RTE AC	401+80.80	402+04.64	LT		14.27				1		14.27
21	RTE AC	401+98.54	402+09.74	RT	7.46							7.46
21	RTE AC	402+09.74	402+33.57	RT		14.27				2		14.27
21	RTE AC	402+23.88	402+47.70	LT		14.27				2		14.27
21	RTE AC	402+47.70	403+72.84	LT	72.13							72.13
21	RTE AC	402+74.69	403+03.39	RT		15.93				2		15.93
21	RTE AC	403+48.60	403+74.62	RT		14.11				2		14.11
21	RTE AC	403+72.84	403+96.68	LT		14.27				1		14.27
21	RTE AC	404+12.87	404+34.71	LT		10.96				2		10.96
21	RTE AC	404+14.84	404+37.98	RT		10.90				2	16	10.90
21	RTE AC	404+73.87	404+97.70	RT		14.27				2	20	14.27
21	RTE AC	404+91.52	405+06.26	LT		8.80			2			8.80
21	RTE AC	404+97.70	405+24.36	RT	17.77							17.77
21	RTE AC	405+24.36	405+48.19	RT		14.27				1		14.27
21	RTE AC	405+36.58	405+55.95	LT		9.67				2		9.67
22	RTE AC	405+86.28	406+21.33	LT		20.13				2		20.13
22	RTE AC	405+88.54	406+26.34	RT		25.58				2		25.58
22	RTE AC	406+53.61	406+77.45	RT		14.27				1		14.27
22	RTE AC	406+62.07	406+85.90	LT		14.27				1		14.27
22	RTE AC	406+77.45	408+27.75	RT	100.20							100.20
22	RTE AC	406+85.90	407+03.27	LT	11.58							11.58
22	RTE AC	407+03.27	407+27.11	LT		14.27				1		14.27

ROUTE AC QUANTITIES
SHEET 05 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

CONCRETE SIDEWALK AND CURB RAMPS (TABLE 5 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
22	RTE AC	407+51.84	407+75.67	LT		14.27				1		14.27
22	RTE AC	407+75.67	408+18.11	LT	28.29							254.62
22	RTE AC	408+18.11	408+41.94	LT		14.27				1		14.27
22	RTE AC	408+27.75	408+51.48	RT		12.92				1	28	12.92
22	RTE AC	408+73.04	408+96.87	LT		14.27				1		14.27
22	RTE AC	408+87.62	409+09.24	RT		10.63			1		28	10.63
22	RTE AC	408+96.87	409+57.80	LT	40.62							40.62
22	RTE AC	409+44.00	409+73.45	RT		16.26				2		16.26
22	RTE AC	409+57.80	409+82.09	LT		18.28				1		18.28
22	RTE AC	410+08.47	410+32.30	RT		14.27				1		14.27
22	RTE AC	410+23.22	410+69.13	LT		27.37				2		27.37
22	RTE AC	410+32.30	410+55.52	RT	15.48							15.48
22	RTE AC	410+55.52	410+79.35	RT		14.27				1		14.27
22 & 23	RTE AC	411+04.12	411+27.95	LT		14.27				1		14.27
23	RTE AC	411+27.95	411+47.17	LT	12.81							12.81
23	RTE AC	411+39.81	411+63.65	RT		14.27				1		14.27
23	RTE AC	411+47.17	411+71.00	LT		14.27				1		14.27
23	RTE AC	411+63.65	411+94.04	RT	20.26							20.26
23	RTE AC	411+94.04	412+17.43	RT		13.97				1		13.97
23	RTE AC	412+08.50	412+32.33	LT		14.27				1		14.27
23	RTE AC	412+32.33	412+92.49	LT	40.11							40.11
23	RTE AC	412+78.74	413+03.60	RT		14.27				1		14.27
23	RTE AC	412+92.49	413+16.32	LT		14.27				1		14.27
23	RTE AC	413+03.60	414+09.86	RT	70.84							70.84
23	RTE AC	413+53.97	413+90.98	LT		21.43				2		21.43
23	RTE AC	414+09.86	414+33.69	RT		14.39				1		14.39
23	RTE AC	414+31.61	414+55.44	LT		14.27				1		14.27
23	RTE AC	414+49.60	414+73.43	RT		14.42				1		14.42
23	RTE AC	414+55.44	414+94.15	LT	25.81							25.81
23	RTE AC	414+73.43	415+32.85	RT	40.24							40.24
23	RTE AC	414+94.15	415+20.09	LT		15.67				1		15.67
23	RTE AC	415+32.85	415+56.68	RT		14.27				1		14.27
23	RTE AC	415+60.49	415+84.32	LT		14.27				1		14.27
23	RTE AC	415+74.01	415+97.85	RT		14.27				1		14.27
23,24	RTE AC	415+84.32	417+48.72	LT	109.60							109.60
23,24	RTE AC	415+97.85	416+84.79	RT	57.96							57.96
24	RTE AC	416+84.79	417+08.63	RT		14.27				1		14.27
24	RTE AC	417+48.72	417+72.55	LT		14.27				1		14.27
24	RTE AC	417+60.96	417+84.79	RT		14.27				1		14.27
24	RTE AC	417+84.79	418+00.74	RT	10.63							10.63
24	RTE AC	418+00.74	418+24.58	RT		14.27				1		14.27
24	RTE AC	418+09.89	418+33.72	LT		14.27				1		14.27
24	RTE AC	418+33.72	419+28.14	LT	62.95							62.95
24	RTE AC	418+65.67	419+09.40	RT		25.91				2		25.91
24	RTE AC	419+28.14	419+51.97	LT		14.27				1		14.27
24	RTE AC	419+33.33	419+51.29	RT		8.73				2		8.73
24	RTE AC	419+75.05	419+97.83	RT		11.95				2		11.95
24	RTE AC	419+85.34	420+09.17	LT		14.27				1		14.27
24,25	RTE AC	420+09.17	422+20.98	LT	141.89							141.89
24	RTE AC	420+58.50	420+73.50	RT		8.33			1			8.33
24	RTE AC	420+73.50	421+20.50	RT	26.11							26.11
24	RTE AC	421+20.50	421+35.50	RT		8.15			1			8.15
25	RTE AC	421+95.40	422+20.35	RT		20.91			1			20.91
25	RTE AC	423+06.44	423+07.07	RT	25.30							25.30
25	RTE AC	423+15.94	423+36.81	LT		12.21				1		12.21
25	RTE AC	423+67.37	423+91.35	LT		14.27				1		14.27
25	RTE AC	423+75.10	424+04.61	RT	19.78							19.78
25	RTE AC	423+91.35	424+38.63	RT	31.34							31.34
25	RTE AC	424+04.62	424+28.26	RT		14.27				1		14.27
25	RTE AC	424+38.63	424+62.60	LT		14.27				1		14.27
25	RTE AC	424+60.34	424+88.27	RT		15.52				2		15.52
25	RTE AC	424+81.18	425+04.04	LT		14.27				1		14.27
25	RTE AC	425+04.04	425+22.67	LT	12.35							12.35
25	RTE AC	425+11.98	425+35.64	RT		14.27				1		14.27
25	RTE AC	425+22.67	425+46.65	LT		14.27				1		14.27
25	RTE AC	425+35.64	425+61.30	RT	17.40							17.40
25	RTE AC	425+61.30	425+85.28	RT		14.27				1		14.27
25	RTE AC	425+64.23	425+88.25	LT		14.27				1		14.27
25	RTE AC	425+88.25	426+21.31	LT	21.91							21.91
25	RTE AC	426+06.87	426+30.40	RT		14.27				1		14.27
25	RTE AC	426+21.31	426+45.28	LT		14.28				1		14.28
25	RTE AC	426+30.40	426+50.70	RT	13.75							13.75
25 & 26	RTE AC	426+50.70	426+74.67	RT		14.27				1		14.27
25 & 26	RTE AC	426+63.47	427+13.40	LT		29.84				2		29.84
26	RTE AC	426+90.94	427+14.58	RT		14.27				1		14.27
26	RTE AC	427+14.58	427+72.96	RT	39.27							353.39
26	RTE AC	427+47.70	427+71.67	LT		14.27				1		14.27
26	RTE AC	427+71.67	428+63.42	LT	60.82							60.82
26	RTE AC	427+72.96	427+96.65	RT		14.27				1		14.27
26	RTE AC	428+28.78	428+52.47	RT		14.27				1		14.27
26	RTE AC	428+52.47	428+85.86	RT	22.38							22.38
26	RTE AC	428+63.42	428+87.11	LT		14.28				1		14.28
26	RTE AC	428+85.86	429+09.55	RT		14.27				1		14.27
26	RTE AC	429+26.42	429+50.11	RT		14.27				1		14.27
26	RTE AC	429+27.07	429+59.11	LT		17.96				2		17.96
26	RTE AC	429+50.11	429+53.75	RT	2.44							2.44
26	RTE AC	429+53.75	429+77.44	RT		14.27				1		14.27

CONCRETE SIDEWALK AND CURB RAMPS (TABLE 6 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE SIDEWALK, 4-IN (SY)	CURB RAMP AND TRUNCATED DOMES						TYPE 5 AGGREGATE FOR BASE (4-IN THICK)
						AREA FOR INFO ONLY (SY	RAMP TYPE				TRUNCATED DOMES (SF)	
							TYPE 1 PARALLEL (EA)	TYPE 2 PARALLEL (EA)	(A) SMALL RADIUS PERPENDICULAR (EA)	(B) LARGE RADIUS PERPENDICULAR (EA)		
26	RTE AC	429+92.77	430+16.74	LT		14.31				1		14.31
26	RTE AC	430+16.74	430+26.21	LT	6.29							6.29
27	RTE AC	434+36.19	434+61.51	RT	16.95							16.95
27	RTE AC	434+61.51	434+85.20	RT		14.24				1		14.24
27	RTE AC	435+21.20	435+40.37	RT		9.62				2	20	9.62
27	RTE AC	436+07.97	436+39.03	RT		23.05				1	34	23.05
27	RTE AC	436+39.03	437+63.28	RT	82.83							82.83
27	RTE AC	436+40.90	440+56.53	LT	275.83							276.83
27,28	RTE AC	437+53.28	437+87.11	RT		14.27				1		14.27
28	RTE AC	438+19.83	438+43.67	RT		14.27				1		14.27
28	RTE AC	438+43.67	439+45.12	RT	67.64							67.64
28	RTE AC	439+45.12	439+68.87	RT		14.27				1		14.27
28	RTE AC	439+85.34	440+09.09	RT		14.27				1		14.27
28	RTE AC	440+09.09	440+56.55	RT	33.33							33.33
28	RTE AC	440+56.53	440+80.45	LT		14.27				1		14.27
28	RTE AC	440+58.91	440+82.74	RT		14.27				1		14.27
28	RTE AC	440+97.35	441+09.41	LT		6.84			2			6.84
28	RTE AC	440+99.53	441+42.99	RT		25.73				2		25.73
28	RTE AC	441+40.48	441+64.31	LT		14.27				1		14.27
28	RTE AC	441+64.31	441+81.56	LT	11.50							11.50
28	RTE AC	441+81.56	442+05.39	LT		14.27				1		14.27
28	RTE AC	442+03.31	442+27.14	RT		14.27				1		14.27
28	RTE AC	442+27.14	442+51.04	RT	42.60							42.60
28	RTE AC	442+53.26	442+77.09	LT		14.27				1		14.27
28,29	RTE AC	442+77.09	444+21.11	LT	95.47							95.47
28,29	RTE AC	442+91.04	443+14.87	RT		14.27				1		14.27
29	RTE AC	443+71.58	443+95.43	RT		14.27				1		14.27
29	RTE AC	443+95.43	444+21.11	RT	14.91							14.91
				TOTAL	7,834.26	4,682.52	2	1	73	303	915	13,057.20
				PAY TOTAL	7,834	-	379				915	-

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
BURNS McDONNELL
Certificate of Authority
No. : 000165
BMcD Project No. 170015

ROUTE AC QUANTITIES
SHEET 06 OF 12

UTILITY AND MANHOLE ADJUSTMENTS TO GRADE (TABLE 1 OF 2)

PLAN SHEET NO.	ROADWAY	STATION	OFFSET (FT)	LOCATION	ADJUSTING MSD STORM OR SANITARY MANHOLE (EA)	ADJUSTING MANHOLE (EA)	ADJUST PULL BOX (EA)	ADJUST WATER METER (EA)	ADJUST WATER VALVE (EA)	ADJUST GAS VALVE (EA)	VALVE WITHIN MILL/OVERLAY (EA)	CONCRETE MANHOLE APRON (EA)	REMARKS
4	RTE AC	320+57.19	0.39	LT					1				WATER VALVE ADJUSTMENT
4	RTE AC	322+77.86	3.16	LT					1				WATER VALVE ADJUSTMENT
5	RTE AC	326+89.02	11.49	LT					1				WATER VALVE ADJUSTMENT
5	RTE AC	327+47.33	13.97	LT					1				WATER VALVE ADJUSTMENT
6	RTE AC	330+00.50	19.43	LT					1				WATER VALVE ADJUSTMENT
6	RTE AC	333+01.79	24.28	LT					1				WATER VALVE ADJUSTMENT
6	RTE AC	333+07.14	27.21	LT					1				WATER VALVE ADJUSTMENT
7	RTE AC	334+21.82	44.74	LT					1				WATER VALVE ADJUSTMENT IN ENTRANCE (NO DIRECT PAY)
7	RTE AC	335+77.72	22.23	LT					1				WATER VALVE ADJUSTMENT
7	RTE AC	337+98.43	7.52	LT					1				WATER VALVE ADJUSTMENT
7	RTE AC	339+20.95	34.12	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
8	RTE AC	339+84.20	118.43	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY)
8	RTE AC	339+20.95	34.12	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
8	RTE AC	339+84.29	120.03	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY)
8	RTE AC	340+80.10	1.58	RT					1				WATER VALVE ADJUSTMENT
8	RTE AC	342+49.00	34.15	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
8	RTE AC	343+45.13	43.79	LT					1				WATER VALVE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY)
8	RTE AC	344+24.05	34.25	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
8	RTE AC	344+46.65	43.59	LT				1					WATER METER ADJUSTMENT IN SIDEWALK (NO DIRECT PAY)
8	RTE AC	344+73.51	27.95	RT	1								SANITARY MANHOLE ADJUSTMENT IN ENTRANCE
8	RTE AC	344+86.85	17.01	RT					1				WATER VALVE ADJUSTMENT
8	RTE AC	344+95.48	34.42	RT		1							TELEPHONE MANHOLE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY)
8	RTE AC	344+97.32	39.20	LT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
8	RTE AC	345+12.80	33.76	LT						1			GAS VALVE ADJUSTMENT
9	RTE AC	345+43.72	31.62	RT	1								SANITARY MANHOLE ADJUSTMENT IN SIDEWALK
9	RTE AC	346+73.68	32.77	RT	1								SANITARY MANHOLE ADJUSTMENT IN SIDEWALK
9	RTE AC	347+73.06	20.77	RT					1				WATER VALVE ADJUSTMENT
9	RTE AC	348+29.20	21.49	RT					1				WATER VALVE ADJUSTMENT
9	RTE AC	348+37.30	25.74	RT					1				WATER VALVE ADJUSTMENT
9	RTE AC	348+41.51	41.07	LT					1				WATER VALVE ADJUSTMENT
9	RTE AC	348+72.72	36.55	LT						1			GAS VALVE ADJUSTMENT
9	RTE AC	348+77.10	29.27	LT	1								STORM MANHOLE ADJUSTMENT
9	RTE AC	348+87.30	23.28	RT					1				WATER VALVE ADJUSTMENT
10	RTE AC	350+90.85	36.62	LT						1			GAS VALVE ADJUSTMENT
10	RTE AC	351+24.11	18.82	RT					1				WATER VALVE ADJUSTMENT
10	RTE AC	351+54.26	23.18	RT					1				WATER VALVE ADJUSTMENT
10	RTE AC	354+42.61	21.41	RT					1				WATER VALVE ADJUSTMENT
11	RTE AC	357+54.71	38.90	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
11	RTE AC	358+46.04	16.89	RT					1				WATER VALVE ADJUSTMENT
11	RTE AC	359+77.89	42.58	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
11	RTE AC	359+80.37	42.72	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
11	RTE AC	360+33.63	9.97	RT					1				WATER VALVE ADJUSTMENT
11	RTE AC	361+49.99	14.01	RT					1				WATER VALVE ADJUSTMENT
12	RTE AC	365+29.38	14.85	RT					1				WATER VALVE ADJUSTMENT
13	RTE AC	367+53.75	23.90	LT		1							UTILITY MANHOLE ADJUSTMENT
13	RTE AC	369+15.36	24.59	RT					1				WATER VALVE ADJUSTMENT
13	RTE AC	369+34.12	16.28	RT					1				WATER VALVE ADJUSTMENT
14	RTE AC	372+99.46	16.47	RT					1				WATER VALVE ADJUSTMENT
14	RTE AC	373+23.39	34.64	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
14	RTE AC	374+92.77	25.45	LT		1							TELEPHONE MANHOLE ADJUSTMENT
14	RTE AC	377+26.48	32.01	RT					1				WATER VALVE ADJUSTMENT
15	RTE AC	379+75.43	18.38	RT					1				WATER VALVE ADJUSTMENT
15	RTE AC	382+29.55	35.50	LT		1							TELEPHONE MANHOLE ADJUSTMENT IN SIDEWALK
15	RTE AC	382+39.15	17.84	RT					1				WATER VALVE ADJUSTMENT
16	RTE AC	384+69.76	33.89	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
16	RTE AC	384+95.11	17.19	RT					1				WATER VALVE ADJUSTMENT
16	RTE AC	384+99.81	19.86	RT					1				WATER VALVE ADJUSTMENT
16	RTE AC	386+59.10	34.18	RT	1								STORM MANHOLE ADJUSTMENT
16	RTE AC	386+66.06	78.15	RT					1				WATER VALVE ADJUSTMENT
16	RTE AC	387+36.55	14.65	RT					1				WATER VALVE ADJUSTMENT
16	RTE AC	388+24.74	33.76	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
17	RTE AC	390+00.13	11.64	RT					1				WATER VALVE ADJUSTMENT
17	RTE AC	390+79.27	35.03	LT		1							TELEPHONE MANHOLE ADJUSTMENT IN SIDEWALK
17	RTE AC	393+34.52	14.05	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	397+00.54	45.22	LT	1								MSD MANHOLE ADJUSTMENT IN SIDEWALK
18	RTE AC	397+10.24	48.95	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY-BY OTHERS)
18	RTE AC	397+27.27	44.77	LT		1							AT&T MANHOLE ADJUSTMENT
18	RTE AC	397+30.86	17.32	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	397+49.25	43.18	LT					1				WATER VALVE ADJUSTMENT
18	RTE AC	397+50.16	38.89	LT					1				WATER VALVE ADJUSTMENT
18	RTE AC	397+51.86	21.13	LT		1							UTILITY MANHOLE ADJUSTMENT
18	RTE AC	397+47.85	73.47	RT	1								MANHOLE ADJUSTMENT
18	RTE AC	397+99.60	173.03	LT	1								MANHOLE ADJUSTMENT
18	RTE AC	397+79.28	21.54	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	398+00.41	46.74	RT						1			GAS VALVE ADJUSTMENT IN SIDEWALK (NO DIRECT PAY-BY OTHERS)
18	RTE AC	398+53.96	48.65	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
18	RTE AC	399+56.42	58.37	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	399+58.71	56.76	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	399+59.40	55.79	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	399+68.66	21.90	RT					1				WATER VALVE ADJUSTMENT
18	RTE AC	398+06.68	53.81	LT			1						PULL BOX ADJUSTMENT IN SIDEWALK
19	CHAMBERS	6+83.53	18.40	RT									WATER VALVE ADJUSTMENT
20	CHAMBERS	12+56.34	34.51	RT		1							UTILITY MANHOLE ADJUSTMENT
20	CHAMBERS	13+74.48	5.31	RT	1								SANITARY MANHOLE ADJUSTMENT
21	RTE AC	400+35.07	22.08	RT					1				WATER VALVE ADJUSTMENT
21	RTE AC	402+05.71	24.68	RT					1				WATER VALVE ADJUSTMENT
21	RTE AC	403+64.88	38.81	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
21	RTE AC	404+67.31	39.13	RT	1								SANITARY MANHOLE ADJUSTMENT
21	RTE AC	404+77.51	36.03	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK

ROUTE AC QUANTITIES
SHEET 07 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:49-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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UTILITY AND MANHOLE ADJUSTMENTS TO GRADE (TABLE 2 OF 2)

PLAN SHEET NO.	ROADWAY	STATION	OFFSET (FT)	LOCATION	ADJUSTING MSD STORM OR SANITARY MANHOLE (EA)	ADJUSTING MANHOLE (EA)	ADJUST PULL BOX (EA)	ADJUST WATER METER (EA)	ADJUST WATER VALVE (EA)	ADJUST GAS VALVE (EA)	VALVE WITHIN MILL/OVERLAY (EA)	CONCRETE MANHOLE APRON (EA)	REMARKS
22	RTE AC	406+15.02	34.08	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
22	RTE AC	407+62.48	33.75	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
22	RTE AC	409+49.53	35.75	LT			1						PULL BOX ADJUSTMENT IN SIDEWALK
22	RTE AC	408+86.40	28.91	RT	1								SANITARY MANHOLE ADJUSTMENT
22	RTE AC	408+95.83	25.20	RT					1				WATER VALVE ADJUSTMENT
22	RTE AC	409+13.56	0.35	LT	1								SANITARY MANHOLE ADJUSTMENT
22	RTE AC	409+69.02	34.39	LT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
23	RTE AC	412+85.94	22.54	RT					1				WATER VALVE ADJUSTMENT
23	RTE AC	412+99.49	0.51	LT	1								SANITARY MANHOLE ADJUSTMENT
23	RTE AC	414+61.72	20.99	RT					1				WATER VALVE ADJUSTMENT
23	RTE AC	415+93.91	22.28	RT					1				WATER VALVE ADJUSTMENT
23	RTE AC	415+98.15	11.94	RT					1				WATER VALVE ADJUSTMENT
23	RTE AC	416+42.48	33.75	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
23	RTE AC	416+50.34	35.89	LT			1						PULL BOX ADJUSTMENT IN SIDEWALK
24	RTE AC	419+00.39	18.39	RT					1				WATER VALVE ADJUSTMENT
24	RTE AC	420+75.08	0.33	RT	1								SANITARY MANHOLE ADJUSTMENT
24	RTE AC	420+99.95	42.72	RT	1								STORM MANHOLE ADJUSTMENT IN SIDEWALK
24	RTE AC	421+24.47	35.12	RT			1						PULL BOX ADJUSTMENT IN SIDEWALK
25	RTE AC	421+71.34	45.01	RT	1								STORM INLET ADJUSTMENT
25	RTE AC	422+83.59	41.34	RT	1								MANHOLE ADJUSTMENT
25	RTE AC	422+98.86	21.44	RT					1				WATER VALVE ADJUSTMENT
25	RTE AC	422+99.96	20.23	RT					1				WATER VALVE ADJUSTMENT
25	RTE AC	423+17.96	65.03	RT						1			GAS VALVE ADJUSTMENT
25	RTE AC	423+31.85	48.63	RT					1				WATER VALVE ADJUSTMENT
25	RTE AC	423+32.39	32.11	RT					1				WATER VALVE ADJUSTMENT
25	RTE AC	423+49.30	38.73	RT	1								STORM MANHOLE ADJUSTMENT
25	RTE AC	423+49.56	27.40	RT	1								STORM MANHOLE ADJUSTMENT
25	RTE AC	423+63.78	0.40	RT	1								SANITARY MANHOLE ADJUSTMENT
25	RTE AC	423+67.21	22.17	RT					1				WATER VALVE ADJUSTMENT
25	RTE AC	424+06.23	42.33	RT			1						PULL BOX ADJUSTMENT IN SIDEWALK
26	RTE AC	428+30.82	30.15	RT					1				WATER VALVE ADJUSTMENT IN ENTRANCE (NO DIRECT PAY- BY OTHERS
26	RTE AC	428+52.15	11.70	RT	1								SANITARY MANHOLE ADJUSTMENT
26	RTE AC	429+70.83	1.13	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	433+75.97	2.48	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	433+76.84	1.64	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	433+76.96	25.79	RT					1				WATER VALVE ADJUSTMENT
27	RTE AC	433+78.81	0.70	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	433+80.01	1.90	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	434+86.78	6.10	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	434+88.57	2.00	LT					1				WATER VALVE ADJUSTMENT
27	RTE AC	436+00.84	15.81	RT					1				WATER VALVE ADJUSTMENT
27	RTE AC	436+04.29	17.33	LT	1								SANITARY MANHOLE ADJUSTMENT
27	RTE AC	436+68.67	16.24	LT	1								SANITARY MANHOLE ADJUSTMENT
28	RTE AC	438+83.61	1.40	LT					1				WATER VALVE ADJUSTMENT
28	RTE AC	438+84.40	23.72	RT					1				WATER VALVE ADJUSTMENT
28	RTE AC	440+69.99	16.05	LT	1								SANITARY MANHOLE ADJUSTMENT
28	RTE AC	441+00.56	36.17	LT						1			GAS VALVE ADJUSTMENT IN SIDEWALK
28	RTE AC	441+32.64	0.66	LT					1				WATER VALVE ADJUSTMENT
28	RTE AC	442+86.14	15.55	LT	1								SANITARY MANHOLE ADJUSTMENT
ALL	RTE AC										65		WATER VALVE UIP
ALL	RTE AC										2		GAS VALVE UIP
ALL	RTE AC				1	1						1	STORM MANHOLE UIP
ALL	RTE AC				14	14						14	SANITARY MANHOLE UIP
ALL	RTE AC				4	4						4	TELEPHONE MANHOLE UIP
				TOTAL:	57	27	5	1	71	14	67	19	
				PAY TOTAL:	51	26	5	0	68	10	-	13	

CONCRETE CURB AND GUTTER

PLAN SHEET NO.	ROADWAY	STATION	TO	STATION	LOCATION	CONCRETE CURB (6-IN HEIGHT AND UNDER) TYPE S (LF)	CURB AND GUTTER, TYPE B (LF)	TYPE 5 AGGREGATE FOR BASE (4-IN THICK) (SY)
2	RTE AC	312+58.54	TO	314+07.15	LT		150.4	50.1
2	RTE AC	312+71.41	TO	314+93.48	RT		221.6	73.9
2	RTE AC	314+01.98	TO	314+06.98	LT	5.0		0.3
2	RTE AC	314+15.98	TO	314+20.98	LT	5.0		0.3
2	RTE AC	314+16.14	TO	315+64.99	LT		148.9	49.6
2	RTE AC	314+88.48	TO	314+93.48	RT	5.0		0.3
2	RTE AC	314+98.48	TO	315+03.48	RT	5.0		0.3
2	RTE AC	314+98.48	TO	316+16.77	RT		119.3	39.8
2	RTE AC	315+59.99	TO	315+64.99	LT	5.0		0.3
2	RTE AC	315+73.99	TO	315+78.99	LT	5.0		0.3
2	RTE AC	315+73.99	TO	316+32.28	LT		58.3	19.4
2	RTE AC	317+52.51	TO	317+65.00	RT		12.5	4.2
2	RTE AC	317+54.41	TO	317+65.00	RT	10.9		0.6
2	RTE AC	317+55.45	TO	317+65.00	LT		9.6	3.2
2	RTE AC	317+55.53	TO	317+65.00	LT	10.0		0.6
4	RTE AC	317+65.00	TO	317+74.52	LT	10.0		0.6
4	RTE AC	317+65.00	TO	317+94.74	LT		29.8	9.9
4	RTE AC	317+65.00	TO	319+49.88	RT		184.9	61.6
4	RTE AC	317+65.00	TO	317+72.81	RT	8.0		0.4
4	RTE AC	317+89.74	TO	317+94.74	LT	5.0		0.3
4	RTE AC	318+03.74	TO	318+08.74	LT	5.0		0.3
4	RTE AC	318+03.74	TO	319+77.57	LT		173.9	58.0
4	RTE AC	319+72.57	TO	319+77.57	LT	5.0		0.3
4	RTE AC	319+86.57	TO	319+91.57	LT	5.0		0.3
4	RTE AC	319+86.57	TO	321+65.50	LT		179.0	59.7
4	RTE AC	321+60.50	TO	321+65.50	LT	5.0		0.3
4	RTE AC	321+74.50	TO	321+79.50	LT	5.0		0.3
4	RTE AC	321+74.50	TO	322+25.77	LT		51.3	17.1
5	RTE AC	323+55.77	TO	324+15.50	LT		59.8	19.9
5	RTE AC	324+10.50	TO	324+15.50	LT	5.0		0.3
5	RTE AC	324+24.50	TO	324+29.50	LT	5.0		0.3
5	RTE AC	324+24.50	TO	325+95.50	LT		171.0	57.0
5	RTE AC	325+90.50	TO	325+95.50	LT	5.0		0.3
5	RTE AC	326+04.50	TO	326+09.50	LT	5.0		0.3
5	RTE AC	326+09.50	TO	327+69.25	LT		164.8	54.9
5	RTE AC	327+64.25	TO	327+69.25	LT	5.0		0.3
5	RTE AC	327+78.25	TO	327+83.25	LT	5.0		0.3
5	RTE AC	327+78.25	TO	328+31.57	LT		53.4	17.8
5	RTE AC	328+26.57	TO	328+31.57	LT	5.0		0.3
5	RTE AC	328+40.57	TO	328+45.57	LT	5.0		0.3
5	RTE AC	328+40.57	TO	328+65.00	LT		24.5	8.2
6	RTE AC	328+65.00	TO	328+81.45	LT		16.5	5.5
6	RTE AC	329+97.45	TO	330+55.50	LT		58.1	19.4
6	RTE AC	330+50.50	TO	330+55.50	LT	5.0		0.3
6	RTE AC	330+64.50	TO	330+69.50	LT	5.0		0.3
6	RTE AC	330+69.50	TO	330+97.88	LT		33.4	11.1
6	RTE AC	331+88.73	TO	332+01.74	LT		13.1	4.4
7	RTE AC	336+45.80	TO	336+54.98	RT		9.1	3.0
7	RTE AC	337+12.03	TO	337+23.21	LT	16.4	16.4	5.4
13	RTE AC	370+60.41	TO	370+67.84	LT	7.5	7.5	2.9
13	RTE AC	371+35.68	TO	371+40.49	LT	4.9	4.9	1.9
16	RTE AC	386+52.32	TO	386+61.24	LT	9.0	9.0	3.5
17	RTE AC	389+37.35	TO	389+40.09	LT	2.8	2.8	1.1
17	RTE AC	393+17.53	TO	394+65.00	LT	147.5		8.2
17	RTE AC	393+27.89	TO	393+82.62	RT		54.8	18.3
18	RTE AC	394+65.00	TO	395+45.84	LT	81.9		4.6
18	RTE AC	398+30.91	TO	399+34.58	LT		103.7	34.6
18	RTE AC	398+30.91	TO	398+42.48	LT	13.0		0.7
18	RTE AC	398+31.75	TO	399+19.32	LT	89.1		5.0
18	CHAMBERS	9+03.30	TO	9+11.68	LT		8.4	2.8
18	CHAMBERS	10+58.26	TO	11+46.65	LT		88.4	29.5
18	CHAMBERS	11+39.35	TO	11+50.00	RT		10.7	3.6
20	CHAMBERS	11+50.00	TO	11+59.34	RT		9.4	3.1
20	CHAMBERS	12+42.50	TO	13+46.53	RT		104.1	34.7
20	CHAMBERS	12+43.20	TO	13+47.39	LT		104.3	34.8
20	CHAMBERS	13+46.53	TO	13+97.94	RT	51.8		2.9
21	RTE AC	401+19.98	TO	401+25.06	LT	6.2		0.3
21	RTE AC	401+98.54	TO	402+09.74	RT	11.2	11.2	4.4
25	RTE AC	423+91.35	TO	424+38.83	LT		47.1	15.7
25	RTE AC	425+04.03	TO	425+22.67	LT		18.6	6.2
25	RTE AC	425+35.55	TO	425+61.12	RT		25.8	8.6
26	RTE AC	427+71.67	TO	428+63.42	LT		91.4	30.5
26	RTE AC	429+50.14	TO	429+53.74	RT	3.7	3.7	1.4
26	RTE AC	430+16.74	TO	430+25.22	LT		9.5	3.2
27	RTE AC	434+36.21	TO	434+61.50	RT		25.5	8.5
					TOTAL	593.9	2700.4	933.1
					PAY TOTAL	594	2,701	-

DRAINAGE FLUME

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	7 FT X 4 FT DRAINAGE FLUME (OPEN) (EA)	7 FT X 8 FT DRAINAGE FLUME (OPEN) (EA)	DRAINAGE FLUME (CLOSED FLUME) TYPE I (EA)	CONVERT DROP INLET TO MANHOLE (EA)	REMARKS
2	RTE AC	314+11.50	LT		1			
2	RTE AC	314+95.98	RT	1				
2	RTE AC	315+69.49	LT		1			
4	RTE AC	317+99.24	LT		1			
4	RTE AC	319+82.07	LT		1			
4	RTE AC	321+70.00	LT		1			
5	RTE AC	324+20.00	LT		1			
5	RTE AC	326+00.00	LT		1			
5	RTE AC	327+73.75	LT		1			
5	RTE AC	328+36.07	LT		1			
6	RTE AC	330+60.00	LT		1			
18	CHAMBERS	8+17.04	RT			1	1	
19	CHAMBERS	7+37.20	RT			1	1	
			PAY TOTAL	1	10	2	2	

ROCK DITCH LINER

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	FURNISHING & PLACING TYPE 1 ROCK DITCH LINER (CU YD)	REMARKS
2	RTE AC	314+95.98	RT	1.90	
4	RTE AC	317+99.24	LT	3.90	
5	RTE AC	327+73.75	LT	3.40	
5	RTE AC	328+36.07	LT	3.40	
6	RTE AC	330+60.00	LT	5.70	
			TOTAL	18.30	
			PAY TOTAL	19.00	

DELINEATORS AND MARKERS

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	36 IN. SURFACE-MOUNT DELINEATOR POST (EA)	18 IN. TUBULAR MARKER (EA)	REMARKS
1	RTE AC	311+09.00	-	CTR	-	1	
2	RTE AC	314+25.00	-	CTR	-	1	
2	RTE AC	315+35.00	316+00.00	LT	13	-	SPACED AT 5 FEET APART
2	RTE AC	313+55.20	314+76.42	RT	24	-	SPACED AT 5 FEET APART
18	RTE AC	395+13.00	-	CTR	-	1	
18	RTE AC	396+92.00	-	CTR	-	1	
18	CHAMBERS	9+30.00	-	CTR	-	1	
18	RTE AC	398+34.00	-	CTR	-	1	
18	RTE AC	400+07.00	-	CTR	-	1	
					PAY TOTAL 37	7	

ROUTE AC QUANTITIES
SHEET 08 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:17-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

PAVED APPROACH AND SIDE STREETS

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	WIDTH (LF)	AREA (SF)	PAVED APPROACH, 8-IN (SY)	TYPE 5 AGGREGATE FOR BASE (4-IN THICK) (SY)	REMARKS
2	RTE AC	316+80.03	LT	35.0	1,883.3	209.3	219.8	COMMERCIAL ENTRANCE
4	RTE AC	319+84.88	RT	19.3	470.9	52.3	54.9	COMMERCIAL ENTRANCE
4	RTE AC	322+90.77	LT	41.4	1,613.4	179.3	188.3	COMMERCIAL ENTRANCE
5	RTE AC	326+15.29	RT	40.0	670.6	74.5	78.2	COMMERCIAL ENTRANCE
5	RTE AC	326+83.04	RT	23.7	670.8	74.5	78.2	WOODWIND DRIVE SB
5	RTE AC	327+64.84	RT	23.4	666.7	74.1	77.8	WOODWIND DRIVE NB
6	RTE AC	329+39.14	LT	26.0	1,468.6	163.2	171.4	COMMERCIAL ENTRANCE
6	RTE AC	329+91.43	RT	30.0	529.7	58.9	61.8	COMMERCIAL ENTRANCE
6	RTE AC	330+86.79	RT	50.0	1,069.7	118.9	124.8	COMMERCIAL ENTRANCE
6	RTE AC	331+42.77	LT	20.8	990.2	110.0	115.5	COMMERCIAL ENTRANCE
6	RTE AC	332+48.10	LT	20.0	1,075.8	119.5	125.5	COMMERCIAL ENTRANCE
6	RTE AC	333+13.18	RT	50.8	1,252.0	139.1	146.1	COMMERCIAL ENTRANCE
6	RTE AC	333+37.14	LT	30.4	863.5	95.9	100.7	COMMERCIAL ENTRANCE
6	RTE AC	333+99.27	RT	30.4	909.8	101.1	106.2	COMMERCIAL ENTRANCE
7	RTE AC	334+26.23	LT	30.1	978.6	108.7	114.1	COMMERCIAL ENTRANCE
7	RTE AC	335+54.48	RT	15.0	338.2	37.6	39.5	COMMERCIAL ENTRANCE
7	RTE AC	336+05.33	RT	30.0	649.2	72.1	75.7	COMMERCIAL ENTRANCE
7	RTE AC	336+95.51	RT	30.0	649.1	72.1	75.7	COMMERCIAL ENTRANCE
7	RTE AC	337+61.82	RT	28.7	507.4	56.4	59.2	COMMERCIAL ENTRANCE
7	RTE AC	338+25.80	RT	40.0	617.6	68.6	72.0	COMMERCIAL ENTRANCE
7	OLD H. F.	7+47.75	LT	17.1	313.2	34.8	36.5	RESIDENTIAL ENTRANCE
8	OLD H. F.	8+22.77	LT	16.9	372.1	41.3	43.4	RESIDENTIAL ENTRANCE
8	OLD H. F.	8+93.77	LT	12.5	275.2	30.6	32.1	RESIDENTIAL ENTRANCE
8	RTE AC	341+60.54	LT	15.0	411.0	45.7	48.0	RESIDENTIAL ENTRANCE
8	RTE AC	342+37.19	LT	15.0	379.6	42.2	44.3	RESIDENTIAL ENTRANCE
8	RTE AC	342+94.79	LT	16.0	436.6	48.5	50.9	RESIDENTIAL ENTRANCE
8	RTE AC	343+59.85	LT	16.0	463.3	51.5	54.1	RESIDENTIAL ENTRANCE
8	RTE AC	344+33.04	LT	13.0	341.8	38.0	39.9	RESIDENTIAL ENTRANCE
8	RTE AC	344+66.42	RT	26.9	693.9	77.1	81.0	OLD MANOR ROAD
8	RTE AC	344+95.79	LT	15.0	410.0	45.6	47.9	RESIDENTIAL ENTRANCE
9	RTE AC	345+53.82	LT	16.0	482.9	53.7	56.4	RESIDENTIAL ENTRANCE
9	RTE AC	346+16.21	LT	16.5	405.9	45.1	47.4	RESIDENTIAL ENTRANCE
9	RTE AC	349+30.00	LT	15.0	392.9	43.7	45.9	RESIDENTIAL ENTRANCE
9	RTE AC	350+20.27	LT	16.0	409.6	45.5	47.8	RESIDENTIAL ENTRANCE
10	RTE AC	352+24.44	LT	15.0	411.0	45.7	48.0	RESIDENTIAL ENTRANCE
10	RTE AC	353+21.59	LT	15.0	412.4	45.8	48.1	RESIDENTIAL ENTRANCE
10	RTE AC	354+58.06	RT	11.0	258.6	28.7	30.1	RESIDENTIAL ENTRANCE
10	RTE AC	355+14.23	LT	15.0	418.2	46.5	48.8	RESIDENTIAL ENTRANCE
10	RTE AC	355+90.11	RT	13.0	266.2	29.6	31.1	RESIDENTIAL ENTRANCE
10	RTE AC	356+04.45	LT	15.0	380.5	42.3	44.4	RESIDENTIAL ENTRANCE
11	RTE AC	357+21.93	RT	13.0	260.3	28.9	30.3	RESIDENTIAL ENTRANCE
11	RTE AC	358+09.11	LT	17.0	455.8	50.8	53.3	RESIDENTIAL ENTRANCE
11	RTE AC	358+69.02	RT	18.0	622.3	69.1	72.6	HUDSON ROAD
11	RTE AC	359+00.68	LT	16.0	447.4	49.7	52.2	RESIDENTIAL ENTRANCE
11	RTE AC	360+71.83	RT	19.0	345.3	38.4	40.3	RESIDENTIAL ENTRANCE
11	RTE AC	360+89.60	LT	15.0	421.9	46.9	49.2	RESIDENTIAL ENTRANCE
14	RTE AC	377+04.23	LT	16.0	367.7	40.9	42.9	RESIDENTIAL ENTRANCE
14	RTE AC	378+01.23	LT	30.0	785.7	87.3	91.7	COMMERCIAL ENTRANCE
15	RTE AC	380+45.50	LT	30.0	757.9	84.2	88.4	COMMERCIAL ENTRANCE
15	RTE AC	381+15.40	LT	30.0	469.7	52.2	54.8	COMMERCIAL ENTRANCE
15	RTE AC	383+20.17	LT	30.0	483.5	53.7	56.4	COMMERCIAL ENTRANCE
18	RTE AC	396+47.26	RT	49.0	817.2	90.8	95.3	COMMERCIAL ENTRANCE
18	RTE AC	398+57.31	RT	40.2	891.5	99.1	104.1	COMMERCIAL ENTRANCE
18	RTE AC	399+56.11	RT	9.7	457.8	50.9	53.4	COMMERCIAL ENTRANCE
18	RTE AC	399+85.88	RT	20.0	405.9	45.1	47.4	RESIDENTIAL ENTRANCE
18	CHAMBERS	11+07.61	RT	35.0	742.8	82.5	86.6	COMMERCIAL ENTRANCE
20	CHAMBERS	11+96.29	RT	25.0	711.1	79.0	83.0	COMMERCIAL ENTRANCE
20	CHAMBERS	12+06.01	LT	63.5	841.6	93.5	98.2	COMMERCIAL ENTRANCE
20	CHAMBERS	14+12.27	LT	76.0	415.5	46.3	48.6	COMMERCIAL ENTRANCE
20	CHAMBERS	14+41.87	LT	16.725	433.0	48.1	50.5	COMMERCIAL ENTRANCE
21	RTE AC	400+79.88	LT	32.5	838.4	93.2	97.9	COMMERCIAL ENTRANCE
21	RTE AC	401+49.09	RT	48.0	588.5	65.4	68.7	COMMERCIAL ENTRANCE
21	RTE AC	402+54.74	RT	40.0	773.3	85.9	90.2	COMMERCIAL ENTRANCE
23	RTE AC	412+48.60	RT	60.0	875.3	97.3	102.2	COMMERCIAL ENTRANCE
23	RTE AC	414+41.66	RT	14.0	270.7	30.1	31.6	RESIDENTIAL ENTRANCE
23	RTE AC	415+39.32	LT	40.0	701.1	77.9	81.8	COMMERCIAL ENTRANCE
23	RTE AC	415+64.41	RT	14.5	290.8	32.3	33.9	RESIDENTIAL ENTRANCE
24	RTE AC	417+34.79	RT	50.0	989.1	109.9	115.4	COMMERCIAL ENTRANCE
24	RTE AC	417+91.22	LT	35.0	761.7	84.6	88.8	COMMERCIAL ENTRANCE
24	RTE AC	419+68.14	LT	30.0	945.6	105.1	110.4	COMMERCIAL ENTRANCE
24	RTE AC	420+28.50	RT	59.0	1,478.9	164.3	172.5	COMMERCIAL ENTRANCE
25	RTE AC	421+63.50	RT	55.0	1,006.6	111.8	117.4	COMMERCIAL ENTRANCE
25	RTE AC	423+52.09	LT	28.0	510.5	56.7	59.5	COMMERCIAL ENTRANCE
25	RTE AC	424+44.29	RT	30.0	363.3	40.4	42.4	COMMERCIAL ENTRANCE
25	RTE AC	424+71.34	LT	15.0	336.2	37.4	39.3	COMMERCIAL ENTRANCE
25	RTE AC	427+30.28	LT	30.0	638.8	71.0	74.6	COMMERCIAL ENTRANCE
25	RTE AC	428+12.70	RT	25.0	379.6	42.2	44.3	COMMERCIAL ENTRANCE
25	RTE AC	429+08.52	LT	30.0	662.1	73.6	77.3	COMMERCIAL ENTRANCE
25	RTE AC	429+75.41	LT	30.0	653.9	72.7	76.3	COMMERCIAL ENTRANCE
23	RTE AC	439+76.96	RT	15.0	262.0	29.1	30.6	RESIDENTIAL ENTRANCE
23	RTE AC	440+91.19	RT	18.0	253.3	28.1	29.5	RESIDENTIAL ENTRANCE
					TOTAL	5,614.4	5,895.3	
					PAY TOTAL	5,614.4	-	

CONCRETE MEDIAN

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA (SF)	AREA (SY)	CONCRETE MEDIAN (SY)	TYPE 5 AGGREGATE FOR BASE (4-IN THICK) (SY)	REMARKS
1 & 2	RTE AC	311+08.77	314+27.00	RT-CL	1,376.6	153.0	153.0	153.0	4-6 FT WIDE MEDIAN, 6-IN VERTICAL
18	RTE AC	395+11.34	396+96.02	LT	1,100.3	122.3	122.3	122.3	6-FT WIDE MEDIAN, 6-IN VERTICAL
18	CHAMBERS	9+06.33	9+16.67	LT	39.3	4.4	4.4	4.4	MATCH EXISTING MEDIAN
18	RTE AC	398+28.48	400+11.92	RT	1,092.4	121.4	121.4	121.4	6-FT WIDE MEDIAN, 6-IN VERTICAL
						TOTAL	401.1	401.1	
						PAY TOTAL	401.1	-	

CAST-IN-PLACE RETAINING WALL

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CONCRETE TRAFFIC BARRIER, TYPE D (RETAINING WALL) (LF)	CHAIN-LINK FENCE (RETAINING WALLS) (LF)	REMARKS
18	RTE AC	397+94.25	398+36.66	RT	72.0	72.0	CAST-IN-PLACE RETAINING WALL AT SW CORNER OF CHAMBERS
				TOTAL	72.0	72.0	
				PAY TOTAL	72.0	72.0	

GUARDRAIL

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	MGS GUARDRAIL (LF)	MGS END ANCHOR (EA)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)	SHAPING SLOPES CLASS III (MODIFIED MATERIAL REQUIREMENTS) (STA)	TYPE 5 AGGREGATE FOR BASE (6-IN THICK) (SY)	REMARKS
2	RTE AC	313+57.05	314+86.79	RT	25.0	1	1	0.7	16	
5-6	RTE AC	326+52.34	329+25.50	LT	300.0	2		0.1		
6	RTE AC	329+55.15	330+40.52	LT	75.0	1	1	0.5		
				TOTAL	400	4	2	1.3	16	
				PAY TOTAL	400	4	2	1	-	

EARTHWORK QUANTITY SUMMARY

ROADWAY	STATION	STATION	LOCATION	CLASS A EXCAVATION (CY)	EMBANKMENT IN PLACE (CY)	REMARKS
RTE AC	312+58	318+47	LT	23.0	79.9	
RTE AC	312+58	318+47	RT	54.2	8.8	
RTE AC	318+47	334+46	LT	62.4	216.9	
RTE AC	318+47	334+46	RT	199.8	5.9	
RTE AC	334+46	340+05	LT	70.1	2.1	
RTE AC	334+46	340+05	RT	72.1	0.0	
RTE AC	340+05	361+82	LT	231.1	8.1	
RTE AC	340+05	361+82	RT	274.7	8.1	
RTE AC	361+82	398+28	LT	440.0	18.7	INCLUDES EARTHWORK ALONG CHAMBERS
RTE AC	361+82	398+28	RT	451.9	1.5	INCLUDES EARTHWORK ALONG CHAMBERS
RTE AC	398+28	403+05	LT	15.3	154.8	
RTE AC	398+28	403+05	RT	59.7	2.1	
RTE AC	403+05	427+45	LT	306.1	9.0	
RTE AC	403+05	427+45	RT	314.6	0.0	
RTE AC	427+45	430+26	LT	46.2	37.0	
RTE AC	427+45	430+26	RT	71.3	1.0	
RTE AC	430+26	444+21	LT	98.0	2.9	
RTE AC	430+26	444+21	RT	100.7	0.0	
				TOTAL	2,891.2	556.8	
				PAY TOTAL	2,892.0	557.0	

AGGREGATE SUMMARY TABLE

	TYPE 5 AGGREGATE FOR BASE (4-IN THICK) (SY)	REMARKS
	933.1	FROM CONCRETE CURB & GUTTER
	5,895.3	FROM PAVED APPROACHES
	13,057.2	FROM CONCRETE SIDEWALK & CURB RAMPS
	401.1	FROM CONCRETE MEDIAN
TOTAL	20,286.7	
PAY TOTAL	20,287	

Linear Grading Class 2 Modified

ROADWAY	STATION	STATION	LOCATION	LINEAR GRADING CLASS 2 MODIFIED (STA.)
RTE AC	312+58	431+50	LT	118.9
RTE AC	312+58	431+50	RT	118.9
RTE AC	433+80	444+21	LT	10.4
RTE AC	433+80	444+21	RT	10.4
Chambers	6+80	9+50	LT	2.7
Chambers	6+80	9+50	RT	2.7
Chambers	10+50	14+00	LT	3.5
Chambers	10+50	14+00	RT	3.5
			TOTAL	271.0
			PAY TOTAL	271.0

MOBILIZATION

TOTAL	1.00	LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING

TOTAL	1.00	LUMP SUM

FENCE

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CHAIN LINK FENCE (72 IN.) (LF)	REMARKS
2	RTE AC	313+93.16	314+69.58	RT	36	
				TOTAL	36	
				PAY TOTAL	36	

ROUTE AC QUANTITIES
SHEET 09 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:17-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ASPHALT PATCHING (TABLE 1 OF 2)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	ASPHALT AREA	ASPHALT THICKNESS	ASPHALT VOLUME	CONVERSION FACTOR	TACK CONVERSION FACTOR	TACK COAT NON-TRACKING	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-2)	REMARKS
					(SF)	(IN)	(CY)	(TON/YD^3)	(GAL/SY)	(GAL)	(SY)	(TON)	
5	RTE AC	325+95.29	326+35.29	RT	80.0	2.0	0.5	1.934	0.10	0.9	8.9	1.0	
6	RTE AC	329+26.45	329+52.45	LT	52.0	2.0	0.3	1.934	0.10	0.6	5.8	0.6	
6	RTE AC	330+61.79	331+11.79	RT	100.0	2.0	0.6	1.934	0.10	1.1	11.1	1.2	
6	RTE AC	331+32.88	331+53.73	LT	41.7	2.0	0.3	1.934	0.10	0.5	4.6	0.5	
6	RTE AC	332+36.74	332+52.22	LT	49.8	2.0	0.3	1.934	0.10	0.6	5.5	0.6	
6	RTE AC	332+88.36	333+39.18	RT	101.6	2.0	0.6	1.934	0.10	1.1	11.3	1.2	
6	RTE AC	333+21.83	333+52.19	LT	60.7	2.0	0.4	1.934	0.10	0.7	6.7	0.7	
6	RTE AC	333+84.36	334+14.75	RT	51.9	2.0	0.3	1.934	0.10	0.6	5.8	0.6	
6	RTE AC	334+10.67	334+15.00	LT	8.7	2.0	0.1	1.934	0.10	0.1	1.0	0.1	
7	RTE AC	334+15.00	334+40.77	LT	51.5	2.0	0.3	1.934	0.10	0.6	5.7	0.6	
7	RTE AC	335+90.08	336+20.56	RT	60.0	2.0	0.4	1.934	0.10	0.7	6.7	0.7	
7	RTE AC	336+80.26	337+10.75	RT	60.0	2.0	0.4	1.934	0.10	0.7	6.7	0.7	
7	RTE AC	337+47.59	337+76.70	RT	57.4	2.0	0.4	1.934	0.10	0.6	6.4	0.7	
7	RTE AC	338+05.45	338+46.03	RT	80.0	2.0	0.5	1.934	0.10	0.9	8.9	1.0	
7	OLD H. F.	7+52.67	8+14.55	LT	316.4	2.0	2.0	1.934	0.10	3.5	35.2	3.8	
8	OLD H. F.	8+34.00	8+87.87	LT	264.9	2.0	1.6	1.934	0.10	2.9	29.4	3.2	
8	OLD H. F.	9+02.79	9+34.43	LT	214.5	2.0	1.3	1.934	0.10	2.4	23.8	2.6	
8	RTE AC	341+02.64	341+59.99	LT	404.7	2.0	2.5	1.934	0.10	4.5	45.0	4.8	
8	RTE AC	341+76.45	342+31.75	LT	351.3	2.0	2.2	1.934	0.10	3.9	39.0	4.2	
8	RTE AC	342+48.56	342+87.75	LT	236.0	2.0	1.5	1.934	0.10	2.6	26.2	2.8	
8	RTE AC	343+05.24	343+51.76	LT	292.7	2.0	1.8	1.934	0.10	3.3	32.5	3.5	
8	RTE AC	343+69.27	344+25.72	LT	361.2	2.0	2.2	1.934	0.10	4.0	40.1	4.3	
8	RTE AC	344+40.31	344+86.32	LT	268.2	2.0	1.7	1.934	0.10	3.0	29.8	3.2	
8	RTE AC	345+03.19	345+15.00	LT	80.4	2.0	0.5	1.934	0.10	0.9	8.9	1.0	
9	RTE AC	345+15.00	345+44.90	LT	180.3	2.0	1.1	1.934	0.10	2.0	20.0	2.2	
9	RTE AC	345+62.81	346+06.94	LT	247.8	2.0	1.5	1.934	0.10	2.8	27.5	3.0	
9	RTE AC	346+25.46	346+79.16	LT	308.7	2.0	1.9	1.934	0.10	3.4	34.3	3.7	
9	RTE AC	346+95.75	348+33.87	LT	865.1	2.0	5.3	1.934	0.10	9.6	96.1	10.3	
9	RTE AC	348+79.76	349+21.92	LT	293.6	2.0	1.8	1.934	0.10	3.3	32.6	3.5	
9	RTE AC	349+43.46	350+11.74	LT	527.1	2.0	3.3	1.934	0.10	5.9	58.6	6.3	
9	RTE AC	350+28.77	350+55.00	LT	287.6	2.0	1.8	1.934	0.10	3.2	32.0	3.4	
10	RTE AC	350+65.00	351+28.65	LT	507.1	2.0	3.1	1.934	0.10	5.6	56.3	6.1	
10	RTE AC	351+62.77	352+16.26	LT	333.6	2.0	2.1	1.934	0.10	3.7	37.1	4.0	
10	RTE AC	35232.54	353+13.50	LT	578.6	2.0	3.6	1.934	0.10	6.4	64.3	6.9	
10	RTE AC	353+29.77	354+18.30	LT	583.8	2.0	3.6	1.934	0.10	6.5	64.9	7.0	
10	RTE AC	354+52.23	355+06.07	LT	351.4	2.0	2.2	1.934	0.10	3.9	39.0	4.2	
10	RTE AC	355+22.32	355+96.38	LT	579.6	2.0	3.6	1.934	0.10	6.4	64.4	6.9	
10	RTE AC	356+12.53	356+15.00	LT	3.9	2.0	0.0	1.934	0.10	0.0	0.4	0.0	
11	RTE AC	356+15.00	357+13.49	LT	772.3	2.0	4.8	1.934	0.10	8.6	85.8	9.2	
11	RTE AC	357+47.88	358+00.04	LT	365.1	2.0	2.3	1.934	0.10	4.1	40.6	4.4	
11	RTE AC	358+18.14	358+92.16	LT	587.7	2.0	3.6	1.934	0.10	6.5	65.3	7.0	
11	RTE AC	359+09.21	359+72.34	LT	516.8	2.0	3.2	1.934	0.10	5.7	57.4	6.2	
14	RTE AC	377+86.23	378+15.00	LT	57.5	2.0	0.4	1.934	0.10	0.6	6.4	0.7	
15	RTE AC	378+15.00	378+15.61	LT	0.8	2.0	0.0	1.934	0.10	0.0	0.1	0.0	
15	RTE AC	380+30.50	380+59.59	LT	58.2	2.0	0.4	1.934	0.10	0.6	6.5	0.7	
15	RTE AC	381+00.76	381+30.41	LT	58.6	2.0	0.4	1.934	0.10	0.7	6.5	0.7	
15	RTE AC	383+06.21	383+34.63	LT	56.0	2.0	0.3	1.934	0.10	0.6	6.2	0.7	
18	RTE AC	396+22.84	396+71.88	RT	98.1	2.0	0.6	1.934	0.10	1.1	10.9	1.2	
18	RTE AC	398+02.48	398+95.74	RT	1294.2	2.0	8.0	1.934	0.10	14.4	143.8	15.5	
18	RTE AC	399+75.88	400+30.00	RT	47.6	2.0	0.3	1.934	0.10	0.5	5.3	0.6	
18	CHAMBERS	10+45.56	10+75.95	LT	162.6	2.0	1.0	1.934	0.10	1.8	18.1	1.9	
18	CHAMBERS	10+90.11	11+25.25	RT	70.0	2.0	0.4	1.934	0.10	0.8	7.8	0.8	
19	CHAMBERS	7+21.73	7+60.20	RT	176.1	2.0	1.1	1.934	0.10	2.0	19.6	2.1	
20	CHAMBERS	11+69.96	12+35.78	LT	131.4	2.0	0.8	1.934	0.10	1.5	14.6	1.6	
20	CHAMBERS	11+83.79	12+17.50	RT	67.4	2.0	0.4	1.934	0.10	0.7	7.5	0.8	
20	CHAMBERS	13+87.81	13+97.00	LT	93.4	2.0	0.6	1.934	0.10	1.0	10.4	1.1	
20	CHAMBERS	14+22.24	14+33.50	LT	116.4	2.0	0.7	1.934	0.10	1.3	12.9	1.4	
21	RTE AC	400+63.88	400+96.35	LT	64.9	2.0	0.4	1.934	0.10	0.7	7.2	0.8	
21	RTE AC	403+47.79	403+75.16	RT	54.8	2.0	0.3	1.934	0.10	0.6	6.1	0.7	
21	RTE AC	404+11.79	404+34.93	LT	45.8	2.0	0.3	1.934	0.10	0.5	5.1	0.5	
21	RTE AC	404+14.73	404+39.67	RT	48.0	2.0	0.3	1.934	0.10	0.5	5.3	0.6	
21	RTE AC	404+73.00	405+50.19	RT	151.7	2.0	0.9	1.934	0.10	1.7	16.9	1.8	
22	RTE AC	405+86.15	406+21.35	LT	70.3	2.0	0.4	1.934	0.10	0.8	7.8	0.8	
22	RTE AC	406+61.84	407+27.50	LT	139.5	2.0	0.9	1.934	0.10	1.5	15.5	1.7	
23	RTE AC	412+18.60	412+76.09	RT	118.4	2.0	0.7	1.934	0.10	1.3	13.2	1.4	
23	RTE AC	415+21.01	415+59.32	LT	76.6	2.0	0.5	1.934	0.10	0.9	8.5	0.9	
24	RTE AC	417+10.60	417+63.17	RT	104.8	2.0	0.6	1.934	0.10	1.2	11.6	1.3	
24	RTE AC	417+73.72	418+08.72	LT	70.0	2.0	0.4	1.934	0.10	0.8	7.8	0.8	
24	RTE AC	419+53.14	419+53.14	LT	65.2	2.0	0.4	1.934	0.10	0.7	7.2	0.8	
24	RTE AC	419+92.55	420+58.00	RT	130.1	2.0	0.8	1.934	0.10	1.4	14.5	1.6	
24	RTE AC	421+36.00	421+50.00	RT	28.0	2.0	0.2	1.934	0.10	0.3	3.1	0.3	

ROUTE AC QUANTITIES
SHEET 10 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:50-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

ASPHALT PATCHING (T/

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	ASPHALT AREA	ASPHALT THICKNESS	ASPHALT VOLUME	CONVERSION FACTOR	TACK CONVERSI FACTOF			BITUMINOUS AVEMENT MIXTURE PG64-22 (BP-2)	REMARKS
25	RTE AC	421+50.00	421+95.17	RT	90.3	2.0	0.6	1.934	0.10			1.1	
25	RTE AC	421+95.68	422+10.49	RT	10.1	2.0	0.1	1.934	0.10			0.1	
25	RTE AC	423+38.29	423+66.18	LT	55.2	2.0	0.3	1.934	0.10			0.7	
25	RTE AC	423+75.22	424+38.79	LT	198.8	2.0	1.2	1.934	0.10			2.4	
25	RTE AC	423+66.81	424+63.21	RT	94.1	2.0	0.6	1.934	0.10	1.0	10.5	1.1	
25	RTE AC	424+29.43	424+59.15	RT	60.0	2.0	0.4	1.934	0.10	0.7	6.7	0.7	
25	RTE AC	424+59.74	424+89.85	RT	59.2	2.0	0.4	1.934	0.10	0.7	6.6	0.7	
25	RTE AC	424+79.44	424+87.85	LT	16.0	2.0	0.1	1.934	0.10	0.2	1.8	0.2	
26	RTE AC	427+15.18	427+45.40	LT	60.7	2.0	0.4	1.934	0.10	0.7	6.7	0.7	
26	RTE AC	428+00.30	428+25.13	RT	50.0	2.0	0.3	1.934	0.10	0.6	5.6	0.6	
26	RTE AC	428+91.01	429+23.48	LT	65.2	2.0	0.4	1.934	0.10	0.7	7.2	0.8	
26	RTE AC	429+60.30	429+91.52	LT	62.0	2.0	0.4	1.934	0.10	0.7	6.9	0.7	
27	RTE AC	441+39.55	442+06.20	LT	141.1	2.0	0.9	1.934	0.10	1.6	15.7	1.7	
-	-	-	-	-	8500.0	2.0	52.5	1.934	0.10	94.4	944.4	101.5	TO BE USED AT DISCRETION OF ENGINEER
									SUBTOTAL	273.9	2,739.4	294.3	
									PAY TOTAL	-	-	-	SEE SUMMARY TABLE

ASPHALT OVERLAY- ROUTE AC

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA	THICKNESS		SP125C BOTTOM LIFT VOLUME	SP125CLP TOP LIFT VOLUME	CONVERSION FACTOR	APPROX. NUMBER OF LIFTS	TACK CONVERSION FACTOR	TACK COAT NON-TRACKING	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125C MIX)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125CLP MIX)	REMARKS
						BOTTOM LIFT	TOP LIFT										
					(SF)	(IN)	(IN)	(CY)	(CY)	(TON/YD^3)	(EA)	(GAL/SY)	(GAL)	(SY)	(TON)	(TON)	
2-29	RTE AC	312+58.58	444+21.11	-	696318.0	3.0	2.0	6447.4	4298.3	1.927	2.25	0.10	17407.9	77368.7	12424.1	8282.7	
												SUBTOTAL	17,407.9	77,368.7	12,424.1	8,282.7	
												PAY TOTAL	-	-	-	-	SEE SUMMARY TABLE

ASPHALT OVERLAY- ROUTE AC SIDE ROADS

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA	SP125CLP THICKNESS	SP125CLP VOLUME	CONVERSION FACTOR	APPROX. NUMBER OF LIFTS	TACK CONVERSION FACTOR	TACK COAT NON-TRACKING	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125CLP MIX)	REMARKS
					(SF)	(IN)	(CY)	(TON/YD^3)	(EA)	(GAL/SY)	(GAL)	(SY)	(TON)	
2-3	OLD PERSHALL	-	-	-	34656.2	2.0	213.9	1.927	1.00	0.10	385.1	3850.7	412.2	
7-8	OLD H.F.	-	-	-	8176.0	2.0	50.5	1.927	1.00	0.10	90.8	908.4	97.3	
9	GREEN SLOPE	-	-	-	617.6	2.0	3.8	1.927	1.00	0.10	6.9	68.6	7.3	
9	VORHOF	-	-	-	1046.2	2.0	6.5	1.927	1.00	0.10	11.6	116.2	12.4	
10	KIPP CT	-	-	-	584.0	2.0	3.6	1.927	1.00	0.10	6.5	64.9	6.9	
10	IBIS CT	-	-	-	576.9	2.0	3.6	1.927	1.00	0.10	6.4	64.1	6.9	
11	FOSS CT	-	-	-	579.3	2.0	3.6	1.927	1.00	0.10	6.4	64.4	6.9	
11	HUDSON RD	-	-	-	1064.6	2.0	6.6	1.927	1.00	0.10	11.8	118.3	12.7	
14	S CAPITOL DR	-	-	-	586.8	2.0	3.6	1.927	1.00	0.10	6.5	65.2	7.0	
16	EMPIRE DR	-	-	-	2202.0	2.0	13.6	1.927	1.00	0.10	24.5	244.7	26.2	
18-20	CHAMBERS RD	-	-	-	31079.3	2.0	191.8	1.927	1.00	0.10	345.3	3453.3	369.7	
21	HECHT AVE	-	-	-	896.1	2.0	5.5	1.927	1.00	0.10	10.0	99.6	10.7	
22	KAPPEL DR	-	-	-	710.8	2.0	4.4	1.927	1.00	0.10	7.9	79.0	8.5	
25	LUCAS HUNT	-	-	-	6760.7	2.0	41.7	1.927	1.00	0.10	75.1	751.2	80.4	
27	DORWOOD DR	-	-	-	1614.7	2.0	10.0	1.927	1.00	0.10	17.9	179.4	19.2	
										SUBTOTAL	1,012.8	10,127.9	1,084.2	
										PAY TOTAL	-	-	-	SEE SUMMARY TABLE

ASPHALT SUMMARY TABLE

	TACK COAT NON-TRACKING	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK)	BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-2)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125C MIX)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125CLP MIX)
	(GAL)	(SY)	(SY)	(TON)	(TON)	(TON)
PAY TOTAL	18695	12867	77369	294.3	12424.1	9367.0

ASPHALT RESEARCH TABLE

	ASPHALT RESEARCH - SP125C (LS)	ASPHALT RESEARCH - SP125CLP (LS)
PAY TOTAL	1	1

PERMANENT PAVEMENT MARKING

PAVEMENT MARKING AND SIGNING SHEET NO.	ROADWAY	STATION	STATION	LOCATION	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT, TYPE L BEADS		4 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT, TYPE L BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING						PAVEMENT MARKING REMOVAL		
					6-IN SOLID WHITE	6-IN INTERMITTENT WHITE	4-IN SOLID YELLOW	4-IN INTERMITTENT YELLOW	YIELD TRIANGLE WHITE	LT/RT ARROW WHITE	COMBINATION THRU/RT ARROW WHITE	24-IN SOLID WHITE STOP BAR	24-IN SOLID WHITE CROSSWALK (FOR INFO ONLY)	24-IN SOLID WHITE CROSSWALK	SOLID YELLOW	SOLID WHITE	INTERMITTENT WHITE
					(LF)	(LF)	(LF)	(LF)	(EACH)	(EACH)	(EACH)	(LF)	(EA)	(LF)	(LF)	(LF)	(LF)
1-29	RTE AC	312+58.58	444+21.11	LT & RT	25,695	5,940	26,579	5,065	-	45	-	313	81	648	579	17	4
2-3	OLD PERSHALL RD	1+57.13	7+71.18	LT & RT	1,383	-	847	-	-	2	2	24	13	104	-	-	-
7-8	OLD HALLS FERRY	9+40.24	12+23.60	LT & RT	705	-	756	-	4	-	-	-	6	48	-	-	-
18-20	CHAMBERS RD	6+79.84	14+65.85	LT & RT	1,612	235	1,480	99	-	4	-	68	22	176	-	-	-
25	LUCAS HUNT RD	0+22.49	1+31.49	LT & RT	568	13	151	-	9	-	-	23	15	120	-	-	-
				TOTAL	29,963	6,188	29,813	5,164	13	51	2	428	-	1,096	579	17	4
				PAY TOTAL	36,151		34,977		13	51	2	1,524			600		

ROUTE AC QUANTITIES
SHEET 11 OF 12

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 1/13/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

TEMPORARY EROSION CONTROL

EC SHEET NO.	ROADWAY	LOCATION	SILT FENCE (LF)	INLET CHECK (EA)	ALTERNATE DITCH CHECK (LF)	SEDIMENT REMOVAL (CUYD)	REMARKS
2	RTE AC	RT	285	1	-	4	
2	RTE AC	LT	-	3	324	3	50 FT SPACING FOR DITCH CHECKS
3	OLD PERSHALL	RT	-	-	-	-	
4	RTE AC	LT	470	3	411	16	50 FT SPACING FOR DITCH CHECKS
4	RTE AC	RT	106	2	-	4	
5	RTE AC	LT	553	4	-	10	
5	RTE AC	RT	-	3	-	3	
6	RTE AC	LT	371	1	-	5	
6	RTE AC	RT	-	2	-	2	
7	RTE AC	RT	-	3	-	3	
8	RTE AC	LT	-	2	-	2	
8	RTE AC	RT	-	4	-	4	
9	RTE AC	LT	-	3	-	3	
9	RTE AC	RT	-	6	-	6	
10	RTE AC	LT	-	4	-	4	
10	RTE AC	RT	-	8	-	8	
11	RTE AC	LT	-	6	-	6	
11	RTE AC	RT	-	8	-	8	
12	RTE AC	LT	321	4	-	8	
12	RTE AC	RT	122	7	-	9	
13	RTE AC	LT	306	3	-	7	
13	RTE AC	RT	493	6	-	11	
14	RTE AC	LT	245	3	-	6	
14	RTE AC	RT	404	7	-	12	
15	RTE AC	LT	237	3	-	6	
15	RTE AC	RT	377	3	-	7	
16	RTE AC	LT	110	4	-	6	
16	RTE AC	RT	47	5	-	6	
17	RTE AC	LT	438	1	-	6	
17	RTE AC	RT	-	5	-	5	
18	RTE AC	LT	182	1	-	3	
18	RTE AC	RT	-	10	-	10	
18	CHAMBERS	RT	19	1	-	2	
19	CHAMBERS	LT	-	1	-	1	
19	CHAMBERS	RT	-	2	-	2	
20	CHAMBERS	LT	-	1	-	1	
20	CHAMBERS	RT	30	2	-	3	
21	RTE AC	LT	128	2	-	4	
21	RTE AC	RT	-	7	-	7	
22	RTE AC	LT	323	4	-	8	
22	RTE AC	RT	68	8	-	9	
23	RTE AC	LT	202	3	-	6	
23	RTE AC	RT	-	7	-	7	
24	RTE AC	LT	72	2	-	3	
24	RTE AC	RT	-	6	-	6	
25	RTE AC	LT	19	3	-	4	
25	RTE AC	RT	-	2	-	2	
26	RTE AC	LT	129	1	-	3	
26	RTE AC	RT	170	3	-	5	
27	RTE AC	LT	-	1	-	1	
27	RTE AC	RT	52	1	-	2	
28	RTE AC	LT	253	1	-	4	
28	RTE AC	RT	50	6	-	7	
29	RTE AC	RT	-	-	-	-	
	TOTAL		6,582	189	735	280	
	PAY TOTAL		6,582	189	735	280	

SODDING

EC SHEET NO.	ROADWAY	LOCATION	TALL TYPE FESCUE SODDING (SY)	REMARKS
2	RTE AC	LT	547.2	
2	RTE AC	RT	227.2	
4	RTE AC	LT	463.7	
4	RTE AC	RT	74.5	
5	RTE AC	LT	502.1	
5	RTE AC	RT	44.6	
6	RTE AC	LT	461.6	
6	RTE AC	RT	45.9	
7	RTE AC	LT	44.9	
7	RTE AC	RT	41.7	
7	OLD H. F.	LT	21.5	
8	OLD H. F.	LT	46.3	
8	RTE AC	LT	52.0	
8	RTE AC	RT	186.7	
9	RTE AC	LT	54.2	
9	RTE AC	RT	206.2	
10	RTE AC	LT	127.6	
10	RTE AC	RT	176.3	
11	RTE AC	LT	242.7	
11	RTE AC	RT	185.0	
12	RTE AC	LT	60.3	
12	RTE AC	RT	58.9	
13	RTE AC	LT	47.7	
13	RTE AC	RT	57.7	
14	RTE AC	LT	60.6	
14	RTE AC	RT	56.7	
15	RTE AC	LT	77.4	
15	RTE AC	RT	46.7	
16	RTE AC	LT	14.2	
16	RTE AC	RT	53.9	
17	RTE AC	LT	49.6	
17	RTE AC	RT	55.9	
18	RTE AC	LT	283.6	
18	RTE AC	RT	194.8	
19	CHAMBERS	LT	6.7	
19	CHAMBERS	RT	21.0	
20	CHAMBERS	LT	42.3	
20	CHAMBERS	RT	58.8	
21	RTE AC	LT	101.0	
21	RTE AC	RT	34.7	
22	RTE AC	LT	73.2	
22	RTE AC	RT	76.7	
23	RTE AC	LT	101.2	
23	RTE AC	RT	79.9	
24	RTE AC	LT	95.5	
24	RTE AC	RT	122.2	
25	RTE AC	LT	41.8	
25	RTE AC	RT	13.9	
26	RTE AC	LT	118.4	
26	RTE AC	RT	63.9	
27	RTE AC	LT	19.0	
27	RTE AC	RT	52.6	
28	RTE AC	LT	100.3	
28	RTE AC	RT	86.1	
29	RTE AC	LT	25.1	
29	RTE AC	RT	9.8	
		TOTAL	6,214.00	
		PAY TOTAL	6214.00	

MAILBOX

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	REMOVE AND REINSTALL MAILBOX (EA)	REMARKS
9	RTE AC	352+73.88	RT	1	
9	RTE AC	353+36.82	RT	1	
9	RTE AC	354+76.97	RT	1	
9	RTE AC	356+09.56	RT	1	
10	RTE AC	357+39.35	RT	1	
10	RTE AC	360+72.20	LT	1	
10	RTE AC	360+92.98	RT	1	
11	RTE AC	361+82.79	RT	1	
11	RTE AC	362+20.92	LT	1	
11	RTE AC	363+14.08	RT	1	
11	RTE AC	363+42.02	LT	1	
11	RTE AC	364+46.50	RT	1	
11	RTE AC	365+93.46	RT	1	
11	RTE AC	366+08.38	LT	1	
11	RTE AC	367+10.76	RT	1	
12	RTE AC	367+29.52	LT	1	
12	RTE AC	368+34.91	RT	1	
12	RTE AC	368+42.98	LT	1	
12	RTE AC	369+38.93	LT	1	
12	RTE AC	370+44.79	RT	1	RELOCATE TO BACK OF CURB
12	RTE AC	370+83.40	RT	1	
12	RTE AC	371+92.36	LT	1	
12	RTE AC	372+27.74	RT	1	
13	RTE AC	374+23.51	RT	1	
13	RTE AC	374+58.97	RT	1	
13	RTE AC	375+87.16	LT	1	
24	RTE AC	426+34.77	LT	1	
			PAY TOTAL	27	

TEMPORARY TRAFFIC CONTROL

	TEMPORARY TRAFFIC CONTROL	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/ RETAINED	TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/ RETAINED	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED/ RETAINED	MISCELLANEOUS TEMPORARY PAVEMENT MARKING PAINT (SEE NOTES)	NOTES
	(LS)	(LF)	(EA)	(EA)	(LS)	
	1	250	2	4	1	TO BE USED AT THE DISCRESTION OF ENGINEER.

D37A SIGNAL QUANTITIES SUMMARY

D-37A SHEET NO.	ROADWAY	INTERSECTION	CONCRETE BASE	PULL BOX CL 1	PULL BOX CL 2	POST SIGNAL 8 FT.	POST TYPE C			POST TYPE CL		LUMINAIRE LED-A	SIGNAL HEADS ONE-FACE SECTION			
							35' ARM	40' ARM	45' ARM	25' ARM	40' ARM		1-	3-		4-
			(CU. YDS.)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	EACH	S	S	B	B
142	RTE AC	OLD PERSHALL RD.	15.9	1	6	7	1	1	2				7	1	6	4
N/A	RTE AC	OLD HALLS FERRY RD.														
148	RTE AC	HUDSON RD.	11.0	4		4	1			1	1	2	4		6	1
154	RTE AC	CHAMBERS RD.	14.6		5	4	1	2	1				8	1	11	
N/A	RTE AC	LUCAS-HUNT RD.														
		TOTAL	41.5	5	11	15	3	3	3	1	1	2	19	2	23	5
		PAY TOTAL	41.5	5	11	15	3	3	3	1	1	2	19	2	23	5

D37B SIGNAL QUANTITIES SUMMARY

D-37B SHEET NO.	ROADWAY	INTERSECTION	3" TRENCH CONDUIT	3" PUSHED CONDUIT	1c#2	2c#16	5c#16	7c#16	LIGHTING 2c#12	LIGHTING 1c#10
			LF	LF	LF	LF	LF	LF	LF	LF
143	RTE AC	OLD PERSHALL RD.	219	258	160	950	960	1790		
N/A	RTE AC	OLD HALLS FERRY RD.								
149	RTE AC	HUDSON RD.	289	145	470	360	370	730	330	180
155	RTE AC	CHAMBERS RD.	184	282	160	1280	1290	1680		
N/A	RTE AC	LUCAS-HUNT RD.								
		TOTAL	692	685	790	2590	2620	4200	330	180
		PAY TOTAL	692	685	790	2590	2620	4200	330	180

D37C SIGNAL QUANTITIES SUMMARY

D-37C SHEET NO.	ROADWAY	INTERSECTION	COMBINATION PAD-MOUNTED 120V/240V POWER SUPPLY AND LIGHTING CONTROLLER WITH UPS	CONTROLLER ASSEMBLY HOUSING NEMA TS2 CONTROLLER	ATC TRAFFIC SIGNAL CONTROLLER	NETWORK CONNECTED SIGNAL MONITOR	SIGNAL SIGNS	SIGNAL SIGN MOUNTING HARDWARE	ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		TRAFFIC SIGNAL MAINTENANCE & PROGRAMMING
										3 APPROACHES	4 APPROACHES	
			EACH	EACH	EACH	EACH	SQ. FT.	EACH	EACH	EACH	EACH	LS
144	RTE AC	OLD PERSHALL RD	1	1	1	1	71	7	7		1	-
N/A	RTE AC	OLD HALLS FERRY RD.			1		35	3		1		-
150	RTE AC	HUDSON RD.	1	1	1	1	38	4	4	1		-
156	RTE AC	CHAMBERS RD.	1	1	1	1	45	4	8		1	-
N/A	RTE AC	LUCAS-HUNT RD.			1		36	3		1		-
		TOTAL	3	3	5	3	225	21	19	3	2	1
		PAY TOTAL	3	3	5	3	225	21	19	5		1

ITS and Signal Network Items

Bid Item No.	Item	Unit	OLD PERSHALL RD/HOME DEPOT RTOACN006.1	HUDSON RD RTOACN006.9	CHAMBERS RD RTOACN007.5	LUCAS-HUNT RD RTOACS008.1	Project Total	Notes
910-99.02	Wall Mounted Interconnect Center	Each	1	0	0	0	1	See Comm. Plans for details
910-99.02	Fiber Optic Pigtail	Each	2	0	0	0	2	See Comm. Plans for details
910-99.02	Fiber Optic Jumper	Each	2	0	0	0	2	See Comm. Plans for details
910-99.02	Fiber Optic Fusion Splice	Each	2	0	0	0	2	See Comm. Plans for details
910-99.02	Relocate Communications Equipment	Each	1	1	1	0	3	See Comm. Plans for details
910-99.02	Install CCTV Camera Assembly	Each	0	1	1	1	3	See Comm. Plans for details
910-99.02	Relocate Existing CCTV Camera Assembly	Each	1	0	0	0	1	See Comm. Plans for details
910-99.02	Relocate_Existing_Wireless_Radio_System	Each	1	2	2	1	6	See Comm. Plans for details
910-99.02	Install Commission Furnished and Programmed IP-Addressable Power Strip	Each	0	1	1	1	3	See Comm. Plans for details
910-99.02	CCTV Extension Pole	Each	1	1	1		3	

ROUTE AC QUANTITIES
SHEET 12 OF 12

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:18-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

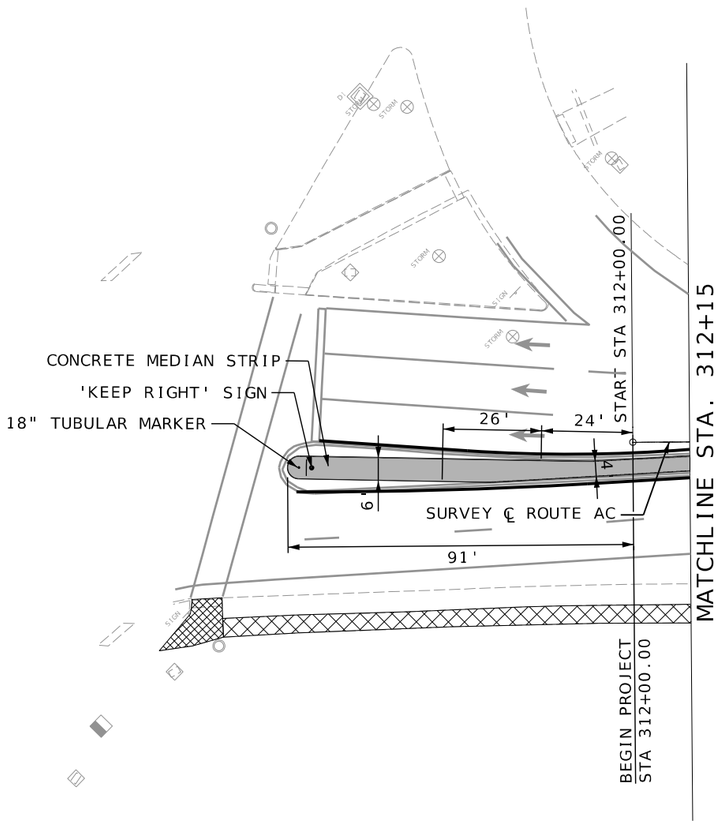
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

SCALE

0 20 40 60

PLAN SHEET LEGEND	
CE	COMMERCIAL ENTRANCE
RE	RESIDENTIAL ENTRANCE
UIP	USE IN PLACE
ATG	ADJUST TO GRADE
DND	DO NOT DISTURB
R	REMOVE
R&RELOC	REMOVE & RELOCATE
TCE	TEMPORARY CONSTRUCTION EASEMENT



NOTES:

1. SEE SIGNAL PLANS FOR DETAILS NEAR SIGNALIZED INTERSECTIONS.
2. SEE DRIVEWAY PROFILES SHEETS FOR DRIVEWAY GRADES.
3. ALL WORK NOTED ON PLANS TO ADJUST, RELOCATE, OR REMOVE WATER METERS/ VALVES, HYDRANTS, UTILITY POLES, LIGHT POLES, OR GUY WIRES SHALL BE PREFORMED BY OTHERS. THE CONTRACTOR SHALL COORDINATE TIMING OF THE ADJUSTMENT NEEDS WITH THE UTILITY CONTRACT PROVIDED IN THE JSP IF THE ADJUSTMENT HAS NOT OCCURRED PRIOR TO CONSTRUCTION WHICH IS INDICATED ON THE SUMMARY OF QUANTITY SHEETS.
4. CLEARING AND GRUBBING IS INCIDENTAL TO OTHER PAY ITEMS.
5. BEARINGS SHOWN ARE MODIFIED STATE PLAN BEARINGS, EASTERN ZONE.
6. ANY ITEMS OF WORK BEYOND PROJECT LIMITS AND NOT DEFINED AS ITEMS CONSIDERED FOR DIRECT PAY ARE INCIDENTAL TO, AND ARE PART OF THE CONSTRUCTION OF THE PROJECT.
7. ALL RIGHT OF WAY ACQUISITIONS INDICATED ON THE PRELIMINARY PLANS ARE TENTATIVE AND SUBJECT TO CHANGE.
8. ALL EXISTING STORM SEWER NETWORK IS TO BE MAINTAINED UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
9. SEE UTILITY PLANS FOR FULL NOTES ON UTILITY FACILITIES, WHAT IS TO BE USED IN PLACE, TO BE ADJUSTED, TO BE REMOVED, TO BE RELOCATED, OR NOT TO BE DISTURBED.

LEGEND
PAVED APPROACH
SIDEWALK
ASPHALT PATCHING
EX. SIDEWALK / RAMP (UIP)
RAMP / LANDING
TRUNCATED DOMES
RESURFACING

KEYED NOTES	
A	SMALL RADIUS PERPENDICULAR CURB RAMP
B	LARGE RADIUS PERPENDICULAR CURB RAMP

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

ROUTE AC PLAN
SHEET 01 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:50-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

EXIST. R/W
EXIST. TREE (DND)
EXIST. RISER (DND)
EXIST. STORM MANHOLE (DND) 10G2-214D
EXIST. MANHOLE (DND) 10G2-109S
EXIST. INLET (DND) 10G2-212D
EXIST. INTERSTATE SIGNS (R & REPLACE)
TIE INTO EXIST. SIDEWALK
EXIST. CHARTER MANHOLE (UIP)
EXIST. TREE (DND)
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
7 FT X 8 FT DRAINAGE FLUME
EXIST. PULL BOX (UIP)
EXIST. MANHOLE (DND) 10G2-114S
EXIST. DITCH FLOW LINE (UIP)
36" TUBULAR DELINEATOR (TYP.)
7 FT X 8 FT DRAINAGE FLUME
EXIST. FES (UIP)
S.L.
6' SIDEWALK
CHARTER (DND)
TYPE 1 PARALLEL CURB RAMP
EXIST. PULL BOX (R)
EXIST. SIGNAL POLE (R)
EXIST. PULL BOX (UIP)
EXIST. CURB (R)
DITCH FLOW LINE
TYPE "S" CURB
S.L.
EXIST. SIGNAL CABINET (R)
CE + 80.03 LT
W = 43.5'
R 30'
R 50'
R 30'
S30°
S50°25'39"W
MATCHLINE STA. 312+15
PC STA 312+80.67
PT STA 314+02.35
MATCHLINE STA. 317+65
TYPE B CURB AND GUTTER (TYP.)
4 FT. RAISED MEDIAN
EXIST. BRIDGE CLEARANCE SIGN (R & REPLACE)
BEGIN TUBULAR DELINEATORS +35.00
EXIST. "SHARE THE LANE" SIGN (REPLACE & RELOCATE)
EXIST. SIGNAL POLE (R)
EXIST. PULL BOX (R)
START STA 1+30.97
314+26.99
S44°45'04"E
312+97.19
'KEEP RIGHT' SIGN
18" TUBULAR MARKER
S43°32'04"E
SURVEY ℄ ROUTE AC
END TUBULAR DELINEATORS +00.00
BEGIN TUBULAR DELINEATORS +71.46
TYPE A CRASH WORTHY END TERMINAL
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
END TUBULAR DELINEATORS +76.42
TYPE 1 PARALLEL CURB RAMP
EXIST. SIGNAL POLE (R)
PC STA 1+86.27
STA 313+57.05 OFF 38.34' RT.
TIE INTO EXIST. SIDEWALK
STA 313+93.16 OFF 51.49' RT.
CHAIN LINK FENCE (72")
MGS GUARDRAIL
EXIST. GUARDRAIL (R)
S.L.
7 FT X 4 FT DRAINAGE FLUME
TYPE B CURB AND GUTTER (TYP.)
EXIST. BIKE ROUTE SIGN (R & REPLACE)
7' SIDEWALK
EXIST. STREET NAME SIGN (R & REPLACE)
TYPE "S" CURB
EXIST. "SHARE THE LANE" SIGN (R & REPLACE)
EXIST. MODOT STRUCTURE (A1107) DOUBLE 10 FT X 15 FT BOX CULVERT (DND)
STA 314+69.58 OFF 51.71' RT.
MGS END ANCHOR
STA 314+85.20 OFF 38.30' RT
STA. 1+30.97 SURVEY ℄ OLD PERSHALL RD =
STA. 316+81.03 SURVEY ℄ ROUTE AC
SURVEY ℄ OLD PERSHALL RD
OLD PERSHALL RD
MATCHLINE STA. 3+50
PT STA 3+30.86
EXIST. R/W
LUMEN (FROM MAP) (DND)

CURVE #1
PI 313+41.51
PC 312+80.67
PT 314+02.35
Δ 1°13'0.0" (RT)
D 0°59'59.7"
L 121.68' (ARC)
T 60.84'
R 5,730.00'

OLD PERSHALL RD #1
PI 2+69.88
PC 1+86.27
PT 3+30.86
Δ 72°2'16.4" (RT)
D 49°49'20.7"
L 144.59' (ARC)
T 83.61'
R 115.00'

NOTE: 36" TUBULAR DELINEATORS ARE SPACED AT 8 FEET.

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 02 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:50-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 5
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

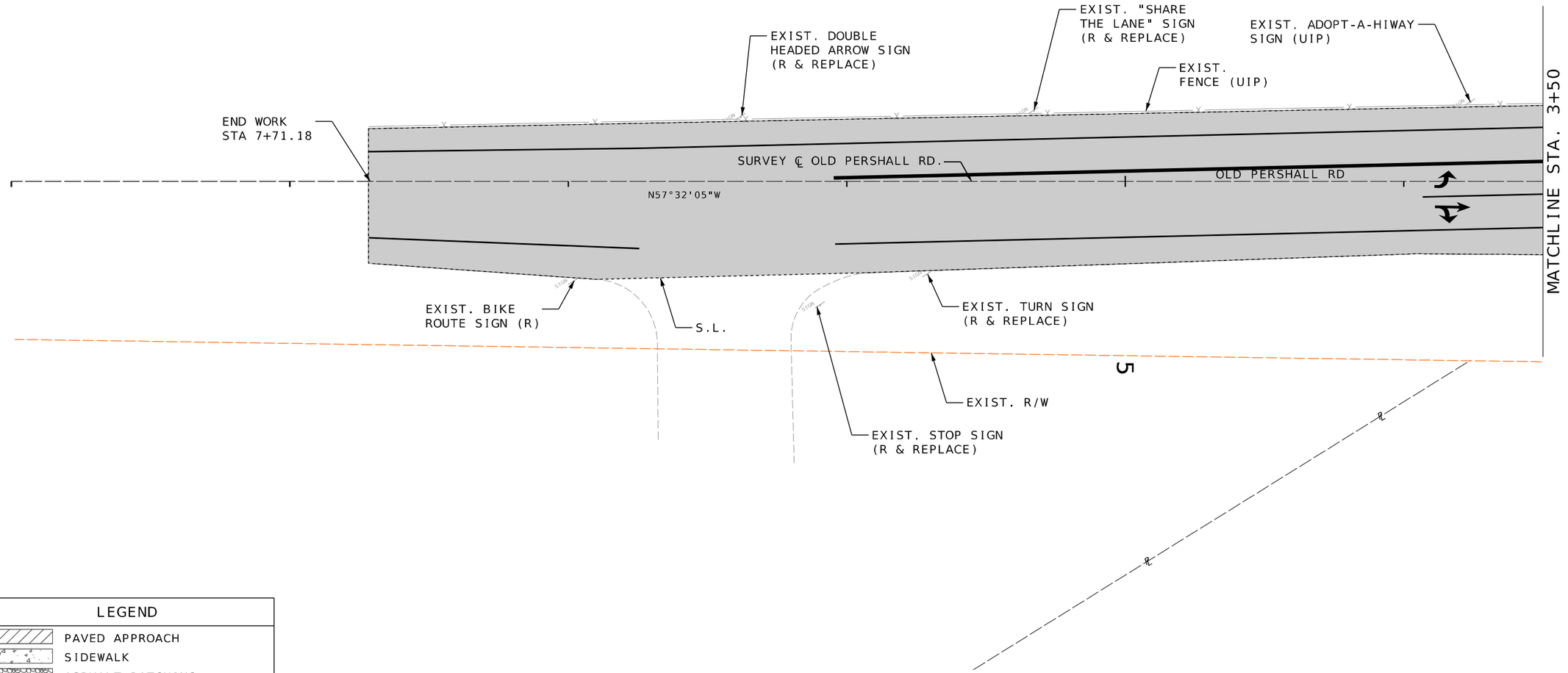
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60



LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 03 OF 29

ALLISON M. BRUNER
NUMBER
PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:50-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

MATCHLINE STA. 317+65

MATCHLINE STA. 323+15

TYPE "S" CURB
EXIST. MANHOLE (DND)
7 FT X 8 FT DRAINAGE FLUME
CHARTER (FROM MAP) DND
TYPE B CURB AND GUTTER (TYP.)
7 FT X 8 FT DRAINAGE FLUME
EXIST. GUY WIRE (DND)
EXIST. CHARTER HANDHOLE (UIP)
EXIST. POWER POLE (DND)
EXIST. GUY WIRE (DND)
EXIST. R/W
CHARTER OH (DND)
EXIST. POWER POLE (DND)
EXIST. NO MORE TRASH SIGN (R)
EXIST. POWER POLE (UIP)
EXIST. BUS STOP SIGN (UIP)
7 FT X 8 FT DRAINAGE FLUME
EXIST. 18" RCP (DND)
EXIST. CURB (R)
CE + 90.77 LT.
W = 41.4'
S.L.
6'
6' SIDEWALK
OE
R 30'
+38.43
LT 29.00'
SURVEY ℄ ROUTE AC
EXIST. WATER VALVE (ATG)
S43°32'04"E
EXIST. CURB (UIP)
+65.20
RT 29.00'
7'
R 10'
+06.50
RT 30.00'
+64.80
RT 29.00'
+16.12
RT 29.00'
6' SIDEWALK
EXIST. INLET (UIP)
+73.61
RT 29.00'
+94.66
RT 29.00'
CE + 84.88 RT.
W = 19.3'
EXIST. SAN. MANHOLE (DND) 10G2-119S
EXIST. SAN. MANHOLE (DND) 10G2-120S
EXIST. GAS VALVE (DND)
TYPE "S" CURB
EXIST. TREE (DND)
EXIST. HYDRANT (DND)
STEAK 'N SHAKE
EXIST. TREE (DND)
EXIST. SAN. MANHOLE (DND) 10G2-121S
EXIST. INLET (DND) 10G2-244D
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
EXIST. INLET (DND) 10G2-243D
EXIST. SAN. MANHOLE (DND) 10G2-122S
EXIST. R/W
S.L.
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. WATER VALVE (DND)
EXIST. HYDARANT (DND)
EXIST. INLET (DND) 10G2-246D

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 04 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

MATCHLINE STA. 323+15

MATCHLINE STA. 328+65

EXIST. R/W

7 FT X 8 FT DRAINAGE FLUME

S.L.

TYPE B CURB AND GUTTER (TYP.)

CHARTER (DND)
AT&T (DND)

6' SIDEWALK

EXIST. GUARDRAIL (R)

7 FT X 8 FT DRAINAGE FLUME

MGS END ANCHOR

EXIST. SPEED LIMIT SIGN (R & REPLACE)

EXIST. CONCRETE CHANNEL (DND)

7 FT X 8 FT DRAINAGE FLUME

MGS GUARDRAIL

EXIST. BUS STOP SIGN (UIP)

7 FT X 8 FT DRAINAGE FLUME

325

B

R 30'

+38.43
LT 29.00'

STA 326+52.77
OFF 38.24' LT.

EXIST. WATER VALVE (ATG)

EXIST. WATER VALVE (ATG)

SURVEY ℄ ROUTE AC

S43°32'04"E

EXIST. CURB (UIP)

+44.11
RT 28.98'

+85.43
RT 29.00'

EXIST. INLET (UIP)

+32.97
RT 29.00'

+82.95
RT 29.00'

+49.05
RT 29.00'

+42.94
RT 29.00'

+31.56
RT 29.00'

+11.19
RT 29.00'

+93.46
RT 29.00'

EXIST. CURB (UIP)

EXIST. INLET (UIP)
10G2-129D

R 10'

R 20'

EXIST. SAN. MANHOLE (DND)
10G2-098D

EXIST. TWLTL CENTER ONLY (REPLACE)

EXIST. BUS STOP SIGN (R&RELOC)

EXIST. INLET (DND)
10G2-164D

EXIST. R/W

EXIST. INLET (DND)
10G2-163D

6' SIDEWALK (TYP.)

S.L.

CE + 15.29 RT.
W = 40.0'

CE + 83.04 RT.
W = 23.7'

CE + 64.84 RT.
W = 23.4'

EXIST. INLET (DND)
10G2-119D

EXIST. INLET (DND)
10G2-120D

EXIST. CURB (R)

EXIST. INLET (UIP)
10G2-121D

EXIST. INLET (DND)
10G2-122D

AT&T (FROM MAP)(DND)

AT&T HANDHOLE (DND)

EXIST. POWER POLE W/ RISER (DND)

EXIST. INLET (DND)
10G2-123D

6' SIDEWALK

O'REILLY AUTO PARTS

WOODWIND DR

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 05 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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11/26/2025

ROUTE	STATE
AC	MO

DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

ST LOUIS COMMUNITY
CREDIT UNION
21126/1789
10751 OLD HALLS FERRY RD

1

SCALE
0 20 40 60

EXIST. CONCRETE CHANNEL (DND)

MGS GUARDRAIL
END STA: 329+25.18

STA. +22.31
OFF. 105.67' LT

TCE

STA. +60.59
OFF. 105.02' LT

MGS GUARDRAIL
BEGIN STA: 329+55.39

STA. +61.32
OFF. 63.70' LT

EXIST. GUARDRAIL (R)

EXIST CURB (R)

TYPE B CURB AND GUTTER (TYP.)

TYPE A CRASHWORTHY END TERMINAL (MASH)

EXIST. R/W

CE + 39.14 LT.
W = 26.0'

CE + 42.77 LT.
W = 20.8'

CE + 48.10 LT.
W = 20.0'

CE + 37.14 LT.
W = 30.4'

CHURCH'S CHICKEN

TIE INTO EXIST. CURB

S.L.

STA. +21.07
OFF. 64.37' LT

EXIST. NO PARKING SIGN (R & REPLACE)

MGS GUARDRAIL
END STA: 330+89.49

7 FT X 8 FT DRAINAGE FLUME

6' SIDEWALK (TYP.)

330

MATCHLINE STA. 328+65

MATCHLINE STA. 334+15

+96.45 LT 29.00'

+82.45 LT 29.00'

+12.88 LT 29.00'

+73.73 LT 29.00'

+16.74 LT 29.00'

+76.74 LT 29.00'

+02.14 LT 29.00'

+71.88 LT 29.00'

+90.67 LT 29.00'

EXIST. WATER VALVE (ATG)

SURVEY ℄ ROUTE AC

EXIST. CURB (UIP)
+11.47
RT 29.00'

EXIST. SANITARY MANHOLE (DND)

EXIST. SIGN (DND)

+63.86
RT 30.00'

EXIST. SANITARY MANHOLE (DND)
10G2-096S
+16.43
RT 29.00'

+46.79
RT 29.00'

EXIST. INLET (UIP)

+26.79
RT 29.00'

S43°32'04"E

STA. +17.29
OFF. 45.00' RT

STA. +17.29
OFF. 48.50' RT

STA. +82.68
OFF. 45.00' RT

+68.67
RT 29.00'

STA. +78.93
OFF. 45.00' RT

+64.52
RT 29.00'

+58.87
RT 29.00'

R 10' R 10' R 10' R 15' R 15' R 20' R 20' R 20' R 20' R 20' R 20'

EXIST. R/W

SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'

EXIST. STORM MANHOLE (DND)

SCOTT CREDIT UNION

CE + 91.43 RT.
W = 30.0'

STA. +56.29
OFF. 45.00' RT

STA. +56.29
OFF. 48.50' RT

TCE

CE + 86.79 RT.
W = 50.0'

SPEED LIMIT SIGN (REPLACE & RELOCATE)

6' SIDEWALK (TYP.)

EXIST. CURB (UIP)

EXIST. GAS VALVE (DND)

TIE INTO EXIST. SIDEWALK

EXIST. HYDRANT (DND)

EXIST. SANITARY MANHOLE (DND)
10G2-095S

STA. +82.68
OFF. 50.00' RT

EXIST. SANITARY MANHOLE (UIP)

TCE

CE + 13.18 RT.
W = 50.8'

STA. +43.68
OFF. 50.00' RT

STA. +78.93
OFF. 51.00' RT

TCE

CE + 99.27 RT.
W = 30.4'

EXIST. INLET (UIP)

BP GAS STATION
NEW HALLS FERRY PROPERTY INC
21472/2615
10633 NEW HALLS FERRY RD

2

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 06 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.

425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

HINES MOTORS

PHILLIPS 66

MATCHLINE STA. 334+15

MATCHLINE STA. 339+65

EXIST. WATER VALVE (ATG)

EXIST. GATE (DND)

EXIST. SIGN (DND)

EXIST. CURB (UIP)

EXIST. WATER VALVE (ATG)

EXIST. SIGN (DND)

SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'

6' SIDEWALK (TYP.)

S.L.

EXIST. R/W

EXIST. WATER VALVE (ATG)

EXIST. FERGUSON CITY LIMIT SIGN (R & REPLACE)

EXIST. KEEP RIGHT SIGN (R & REPLACE)

EXIST. CONCRETE ISLAND (UIP)

END WORK STA 6+96.88

EXIST. COUNTY MAINTENANCE SIGN (UIP)

END MODOT MAINTENANCE LINE

EXIST. CURB (UIP)

SURVEY ℄ OLD HALLS FERRY RD

EXIST. CURB (UIP)

OLD HALLS FERRY RD #1
PI 8+78.34
PC 7+53.74
PT 10+00.00
Δ 21°32'28.1" (RT)
D 8°44'50.8"
L 246.26' (ARC)
T 124.60'
R 655.00'

6' SIDEWALK

EXIST. CURB (UIP)

EXIST. MODOT PULL BOX (DND)

SURVEY ℄ ROUTE AC

S43°32'04"E

S11°16'53"E

CE + 26.23 LT.
W = 29.5'

PC STA 334+46.85

R 20'

+74.29 LT 29.00'

+60.54 LT 29.00'

+23.03 LT 29.00'

+99.85 LT 29.00'

+32.22 LT 29.00'

+96.94 LT 29.00'

+43.08 LT 29.00'

+32.50 LT 29.00'

+17.56 LT 29.00'

+87.80 LT 28.74'

STA. +19.93 OFF. 45.00' RT

+34.43 RT 29.53'

+36.73 RT 29.50'

+72.22 RT 29.50'

+30.65 RT 29.50'

+70.13 RT 29.50'

+20.83 RT 29.50'

+37.47 RT 29.50'

+86.82 RT 29.50'

+95.32 RT 29.50'

+56.14 RT 29.50'

EXIST. INLET (UIP)

EXIST. CURB (UIP)

EXIST. BUS STOP SIGN (RELOCATE)

STA. +19.93 OFF. 51.00' RT

CE + 54.48 RT.
W = 15.0'

CE + 05.33 RT.
W = 30.0'

CE + 95.51 RT.
W = 30.0'

CE + 61.82 RT.
W = 28.7'

CE + 32.54 RT.
W = 40.1'

EXIST. MANHOLE (DND) 10G2-085S

EXIST. AT&T PULL BOX (DND)

EXIST. LANDSCAPING (DND)

EXIST. R/W

EXIST. INLET (UIP) 10G3-083D

EXIST. INLET (UIP) 10G3-084D

EXIST. RISER (DND)

EXIST. HYDRANT (DND)

EXIST. WATER VALVE (DND)

EXIST. STORM MANHOLE (ATG)

6' SIDEWALK

EXIST. LIGHT (DND)

S.L.

EXIST. GUY WIRE (DND)

2

BP GAS STATION
NEW HALLS FERRY PROPERTY INC
21472/2615
10633 NEW HALLS FERRY RD

A1 WINE & SPIRIT

MEINEKE CAR CARE CENTER

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- A SMALL RADIUS PERPENDICULAR CURB RAMP
- B LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 07 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:51-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

TROUPE, WALLACE A
PHYLLIS M
6904/876
10554 HALLS FERRY RD

KING, CHERYLL
22891/154
10548 HALLS FERRY RD

MCKINNIES, MELVERT D
ANNIE B H/W
9849/13
10542 HALLS FERRY RD

THOMAS, TONY SR
& PATRICIA ANN T/E
23156/264
10536 HALLS FERRY RD

3 4 5 6

TIE INTO EX. SIDEWALK
EX. PED. CROSSING SIGN (REPLACE)
EX. PED. CROSSING SIGN (REPLACE)
EX. CONCRETE MEDIAN (UIP)
EXIST. WARNING SIGN (R & REPLACE)
EXIST. INLET (UIP)
EXIST. TREE (DND)
EXIST. R/W
EX. CURB (UIP)
EXIST. CURB (UIP)

RE +25.93 LT.
W = 16.9'
RE +02.18 LT.
W = 12.5'
TCE
RE + 60.54 LT.
W = 15.8'
TCE
RE + 37.19 LT.
W = 11.8'
TCE
RE + 94.79 LT.
W = 15.8'
TCE
RE + 59.85 LT.
W = 16.0'
RE + 33.04 LT.
W = 10.8'
RE + 95.79 LT.
W = 16.5'

SURVEY ℄ OLD HALLS FERRY RD
S.L.
EX. SIGNAL POLE (DND)
EX. INLET (UIP)
EX. PED. POLE (DND)
EX. SIGNAL POLE (DND)
EX. PED. POLE (DND)
EXIST. CURB (UIP)
EX. CURB (UIP)

340 345

MATCHLINE STA. 339+65
MATCHLINE STA. 345+15

SURVEY ℄ ROUTE AC
EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. KEEP RIGHT SIGN (R & REPLACE)
SPEED LIMIT SIGN
EX. KEEP RIGHT SIGN ~~(R &~~ REPLACE)
EXIST. INLET (UIP)
+31.79 RT 29.00'
+97.76 RT 29.00'

EXIST. CURB (UIP)
EXIST. PED. POLE (DND)
EXIST. RAMP (UIP)
EXIST. SIGNAL POLE (DND)
EXIST. CURB (UIP)
EXIST. ROUTE AC SIGN (R & REPLACE)
EXIST. INLET (UIP)
EXIST. R/W
EXIST. CONCRETE MEDIAN (UIP)
S.L.
EXIST. INLET (DND)
EXIST. GUARDRAIL (DND)
TYPE B CURB AND GUTTER (TYP.)

STA. 10+00.00 SURVEY ℄ OLD HALLS FERRY RD =
STA. 341+00.00 SURVEY ℄ ROUTE AC

CE + 66.42 RT.
W = 26.9'

OLD MANOR RD
EXIST. SIGN (DND)

OLD HALLS FERRY RD #1
PI 8+78.34
PC 7+53.74
PT 10+00.00
Δ 21°32'28.1" (RT)
D 8°44'50.8"
L 246.26' (ARC)
T 124.60'
R 655.00'

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

NOTE: SEE UTILITY PLAN SHEET 08 FOR UTILITY NOTES.

SCALE
0 20 40 60

ROUTE AC PLAN
SHEET 08 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:51-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

EXIST. CURB (UIP)
EXIST. WATER METER (DND)
EXIST. LANDSCAPING (DND)
EXIST. WATER METER (DND)
S.L.
EXIST. INLET (UIP)
EXIST. POWER POLE AND GUY WIRE (DND)
EXIST. BUS STOP SIGN (UIP)
EXIST. R/W
TIE INTO EXIST. SIDEWALK
EXIST. LIGHT (DND)
EXIST. GAS VALVE (ATG)
EXIST. STORM MANHOLE (ATG)
END MODOT MAINTENANCE LINE
EXIST. SAN. MANHOLE (DND) 10G3-020D
EXIST. WATER VALVE (ATG)
EXIST. CRACKED SIDEWALK PANELS (R & REPLACE)
EXIST. CURB (UIP)
VORHOF DR
SEAWAVES REAL ESTATE LLC
2024012900427
10468 HALLS FERRY RD
TAYLOR, ROBERT L
10261/610
10458 HALLS FERRY RD
VOID
NO ACQUISITION
7
8
EXIST. SPEED LIMIT SIGN (R & REPLACE)
EXIST. SIGN (DND)
EX. CURB (UIP)
EX. POWER POLE WITH RISER (DND)
STA. +06.77
OFF. 50.03' LT
TCE
EXIST. TREE (DND)
RE + 53.82 LT.
W = 16.7'
RE + 16.21 LT.
W = 16.5'
RE + 30.00 LT.
W = 15.0'
RE + 20.27 LT.
W = 14.9'
R 10'
R 20'
R 15'
5'
A
B
MATCHLINE STA. 345+15
MATCHLINE STA. 350+65
EXIST. CURB (UIP)
EXIST. CURB (UIP)
EXIST. GAS VALVE (DND)
EXIST. INLET (UIP) 10G3-019D
EXIST. NO PARKING SIGN (R & REPLACE)
EX. INLET (UIP)
STA. +06.77
OFF. 45.03' LT
SURVEY ℄ ROUTE AC
EXIST. WATER VALVE (ATG)
S13°42'07"E
STA. +33.77
OFF. 50.06' LT
STA. +33.77
OFF. 45.06' LT
EQUATION:
STA 349+37.80 BK
STA 349+43.27
EXIST. SAN. MANHOLE (ATG) 10G3-062S
6' SIDEWALK
EXIST. WATER VALVE (ATG)
TYPE B CURB AND GUTTER (TYP.)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. SAN. MANHOLE (ATG) 10G3-063S
MSD INSPECTION REQUIRED
EXIST. GAS VALVE (UIP)
EXIST. STORM MANHOLE (UIP) 10G3-017S
EXIST. SIGN (UIP)
EXIST. WATER VALVE (ATG)
END MODOT MAINTENANCE LINE
EXIST. R/W
EXIST. CURB (UIP)
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. BUS STOP SIGN (UIP)
EXIST. STORM MANHOLE (UIP)
GREEN SLOPE DR

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 09 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:19-06'00'

DATE PREPARED 1/9/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 12
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE
REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

TAYLOR, ROBERT L
10261/610
10458 HALLS FERRY RD

8

KIPP CT

STOA ACQUISITIONS LLC
2023011000307
10448 HALLS FERRY RD

9

VOID
NO ACQUISITION

BUGGS, JEROME & WILSON, ANNETTE T/E
2023071800388
10438 HALLS FERRY RD

VOID
NO ACQUISITION

10

END MODOT MAINTENANCE LINE

IBIS CT

VOID
NO ACQUISITION
PLAYA HOMES STL LLC
21660/1242
10418 HALLS FERRY RD

ADAMS, DONALD
20234/740
10428 HALLS FERRY RD

11

12

MATCHLINE STA. 350+65

EXIST. LIGHT (DND)
EXIST. STREET NAME SIGN (REPLACE POST)
EXIST. POWER POLE (DND)
EXIST. NO PARKING SIGN (R & REPLACE)
EXIST. GAS VALVE (ATG)
EX. INLET (UIP) 10G3-058D
EX.CURB (UIP)
EX. CURB (UIP)
S.L.
EXIST. NO PARKING SIGN (R & REPLACE)
EXIST. PULL BOXES (UIP)
EX. UTILITY MANHOLE (UIP)
EXIST. POWER POLE (DND)
EXIST. R/W
EX. INLET (UIP)
EX. CURB (UIP)
EX. INLET (UIP) 10G3-060D
EX. WATER VALVE (ATG)
EX. LIGHT (DND)
EX. SIGN (DND)
EX. CURB (UIP)
EXIST. STOP SIGN (DND)
EXIST. STREET NAME SIGN (REPLACE POST)
TCE
STA. +27.23 OFF. 50.31' LT
EXIST. POWER POLE WITH RISER (DND)
EX. BUS STOP SIGN (UIP)
STA. +01.23 OFF. 50.31' LT
STA. +01.23 OFF. 45.31' LT
EX. CURB (UIP)
EX. INLET (UIP)
EXIST. PULL BOXES (UIP)
EX. CURB (UIP)
EXIST. INLET (UIP)

RE + 24.44 LT.
W = 15.0'
RE + 21.59 LT.
W = 15.0'
RE + 14.23 LT.
W = 15.8'
RE + 04.45 LT.
W = 13.7'

355

R 20'
R 10'
R 10.5'

SURVEY ℄ ROUTE AC
S13°42'07"E

+34.13 RT 29.00'
+77.03 RT 29.00'
+41.66 RT 29.00'
+74.64 RT 29.00'
+73.84 RT 29.00'
+06.47 RT 29.00'

EXIST. WATER VALVE (ATG)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. CURB (UIP)
EXIST. PEDESTRIAN CROSSING AHEAD SIGN (R & REPLACE)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL) STA 352+73.88
EXIST. LANDSCAPING (DND)
EXIST. MAILBOX (R & REINSTALL) STA 353+36.82
EXIST. CURB (UIP)
EXIST. BUS STOP SIGN (R&RELOC)
EXIST. HYDRANT (DND)
RE + 58.06 RT.
W = 12.1'
S.L.
EXIST. MAILBOX (R & REINSTALL) STA 354+76.97
EXIST. R/W
EXIST. INLET (UIP)
RE + 90.11 RT.
W = 12.6'
EXIST. MAILBOX (R & REINSTALL) STA 356+09.56

MATCHLINE STA. 356+15

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 10 OF 29

ALLISON M. BRUNER NUMBER PE: 2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:19-06'00'

DATE PREPARED: 1/9/2026
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 13
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

PLAYA HOMES STL LLC
21660/1242
10418 HALLS FERRY RD

12

VOID
NO ACQUISITION

FOSS CT

MCCAIN, DANIELLE M
2023070700017
10408 HALLS FERRY RD

13

CORNELL, JOHN
17339/3452
10400 HALLS FERRY RD
EXIST. CONTROLLER (R)

14

HUDSON DR

N76°17'23"E

END WORK
STA. 0+62.79
EXIST. UTILITY POLE (DND)
EXIST. AT&T MANHOLE (UIP)
EXIST. INLET (UIP) 10G3-079D
EXIST. GAS VALVE (RELOCATE BY OTHERS)
EXIST. SIGNAL POLE (R)
STA. +14.03
OFF. 52.95' LT
STA. +14.13
OFF. 47.96' LT

STA. 0+00.00 SURVEY ℄ HUDSON RD =
STA. 360+09.97 SURVEY ℄ ROUTE AC
EXIST. BRIDGE WEIGHT LIMIT SIGN (DND)
EXIST. GAS VALVE (DND)

CURVE #4
PI 360+30.34
PC 359+10.65
PT 361+50.01
Δ 1°11'48.5" (LT)
D 0°30'0.0"
L 239.36' (ARC)
T 119.68'
R 11,459.16'

EXIST. MAILBOX (R & REINSTALL) STA 360+72.20
EXIST. POWER POLE (DND)
+54.23
LT 29.00'
EXIST. INLET (UIP) 10G3-078D
EXIST. TREE (DND)
EXIST. PULL BOX (DND)
EX. PULL BOX (RELOCATE BY OTHERS)
EXIST. R/W
+14.68
LT 40.00'

STA. +95.17
OFF. 51.03' LT
STA. +95.17
OFF. 46.03' LT
STA. +80.14
OFF. 52.28' LT
STA. +80.14
OFF. 47.28' LT
STA. +23.04
OFF. 51.37' LT
STA. +23.05
OFF. 46.37' LT
TCE
RE + 09.11 LT.
W = 17.4'
RE + 00.68 LT.
W = 16.0'
RE + 89.60 LT.
W = 15.7'

EXIST. LIGHT (DND)
EXIST. TREE (DND)
EXIST. INLET (UIP) 10G3-066D
S.L.
EXIST. SIGN (DND)
EX. STREET NAME SIGN (REPLACE POST)
EX. METER (UIP)
EX. TREE (DND)

MATCHLINE STA. 356+15
PC STA 356+71.29 R2
EXIST. GAS VALVE (ATG)
EX. CURB (UIP)
EX. POWER POLE (DND)
EX. INLET (UIP)
PC STA 359+10.65 R2
PT STA 361+50.01 R2
MATCHLINE STA. 361+65

S13°42'07"E
SURVEY ℄ ROUTE AC
+05.09
RT 28.95'
+36.91
RT 29.31'
+37.38
RT 29.00'
+00.65
RT 29.00'
+79.82
RT 29.00'
+52.40
RT 29.00'
+91.27
RT 29.00'
+47.97
RT 29.00'
+73.84
RT 29.00'

EXIST. INLET (UIP) 10G3-080D
EXIST. WATER (ATG)
EXIST. SIGNAL POLE (R)
EXIST. INLET (UIP) 10G3-200D
EXIST. WATER (ATG)
EXIST. INLET (UIP) 10G3-203D
EXIST. INLET (DND) 10G3-204D
EXIST. WATER VALVE (ATG)
EXIST. MAILBOX (R & REINSTALL) STA 357+39.35
S.L.
EXIST. INLET (UIP)
EXIST. INLET (UIP) 10G3-202D
EXIST. MAILBOX (R & REINSTALL) STA 360+92.98
EX. BUS STOP SIGN (UIP)
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. HYDRANT (DND)
EX. CURB (UIP)
TYPE B CURB AND GUTTER (TYP.)
EXIST. STORM MANHOLE (UIP) 10G3-205D
EXIST. NO OUTLET SIGN (R & REPLACE)
EXIST R/W
TYPE 2 PARALLEL CURB RAMP
EXIST. PEDESTRIAN CROSSING SIGN (R & REPLACE)

RE + 21.93 RT.
W = 13.1'
CE + 69.02 RT.
W = 18.5'
S76°53'17"W
RE + 71.83 RT.
W = 18.7'

CURVE #3
PI 357+90.98
PC 356+71.29
PT 359+10.65
Δ 1°11'48.5" (RT)
D 0°30'0.0"
L 239.36' (ARC)
T 119.68'
R 11,459.16'

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 11 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:19-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

BELIEVERS CHAPEL
BIBLE CHURCH

EXIST. BUS STOP SIGN (RELOCATE)
EXIST. INLET (DND)
EXIST. INLET (UIP) 10G3-199D
EX. CURB (UIP)
TIE INTO EX. SIDEWALK
6' SIDEWALK
EXIST. MANHOLE (UIP) 10G3-198D
6' SIDEWALK
EXIST. MAILBOX (R & REINSTALL) STA 363+42.02
EXIST. R/W
6' SIDEWALK
S.L.
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
6' SIDEWALK
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. SPEED LIMIT SIGN (R & REPLACE)
EXIST. MAILBOX (R & REINSTALL) STA 366+08.38
EXIST. POWER POLE (DND)

STA. 361+65
STA. 365
STA. 367+15

EXIST. MAILBOX (R & REINSTALL) STA 362+20.92
+63.45 LT 29.00'
+92.02 LT 29.00'
+97.61 LT 29.00'
+37.38 LT 29.00'
+16.42 LT 29.00'
+50.86 LT 29.00'
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
+69.30 LT 29.00'
+03.19 LT 29.00'
EXIST. CURB (UIP)
+91.34 LT 29.00'

SURVEY ℄ ROUTE AC
S13°42'05"E

MATCHLINE STA. 361+65
MATCHLINE STA. 367+15

+80.80 RT 29.00'
EX. CURB (UIP)
EXIST. INLET (DND)
+78.02 RT 29.00'
EXIST. INLET (UIP) 10G3-201D
EXIST. MAILBOX (R & REINSTALL) STA 361+82.79
+11.66 RT 29.00'
SPEED LIMIT SIGN
+10.25 RT 29.00'
EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. MAILBOX (R & REINSTALL) STA 363+14.08
+42.24 RT 29.00'
EXIST. WATER VALVE (ATG)
+55.22 RT 29.00'
EXIST. R/W
TYPE B CURB AND GUTTER (TYP.)
EXIST. MAILBOX (R & REINSTALL) STA 364+46.50
S.L.
EXIST. INLET (UIP)
EXIST. INLET (DND)
+90.09 RT 29.00'
EXIST. MAILBOX (R & REINSTALL) STA 365+93.46
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
+08.77 RT 29.00'
+77.56 RT 29.00'
EXIST. MAILBOX (R & REINSTALL) STA 367+10.76

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 12 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 15
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

THE LEGAL SOLUTIONS GROUP

MATCHLINE STA. 367+15

MATCHLINE STA. 372+65

EXIST. MAILBOX (R & REINSTALL) STA 367+29.52
6' SIDEWALK
EXIST. AT&T MANHOLE (ATG)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL) STA 368+42.98
6' SIDEWALK
EXIST. CURB (UIP)
S.L.
EXIST. GAS VALVE (DND)
EXIST. POWER POLE WITH RISER (DND)
EXIST. MAILBOX (R & REINSTALL) STA 369+38.93
370
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)
6' SIDEWALK
EXIST. CURB (R)
EXIST. BOLLARD (DND)
EXIST. POWER POLE (DND)
6' SIDEWALK
EXIST. CURB (R)
EXIST. MAILBOX (R & REINSTALL) STA 371+92.86
EXIST. WATER METER (DND)
EXIST. R/W

+25.88 LT 29.00'
+05.16 LT 29.00'
+38.63 LT 29.00'
+00.80 LT 29.00'
+35.60 LT 29.00'
+07.64 LT 29.00'
EXIST. WATER METER & VALVE (DND)
+45.41 LT 29.00'
+82.84 LT 29.00'
+55.49 29.00'
+20.68 LT 29.00'
+89.42 LT 29.00'
EXIST. CURB (UIP)
EXIST. INLET (UIP)

SURVEY ℄ ROUTE AC
S13°42'05"E

+01.11 RT 29.00'
+33.55 RT 29.00'
EXIST. WATER VALVE (ATG)
EXIST. BROKEN POST (R)
+09.84 RT 29.00'
+43.73 RT 29.00'
+46.94 RT 29.00'
+81.44 RT 29.00'
EXIST. CURB (UIP)
EXIST. INLET (UIP)
+91.41 RT 29.00'
+24.81 RT 29.00'

EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. UNLET (DND)
EXIST. R/W
EXIST. MAILBOX (R & REINSTALL) STA 368+34.91
EXIST. HYDRANT (DND)
S.L.
EXIST. R/W
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. UNLET (DND)
EXIST. 12" RCP (DND)
8' SIDEWALK
EXIST. MAILBOX (R & RELOCATE) STA 370+44.79
EXIST. MAILBOX (R & REINSTALL) STA 370+83.40
EXIST. UNLET (DND)
EXIST. MAILBOX (R & REINSTALL) STA 372+27.74
EXIST. CURB (UIP)
6' SIDEWALK

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 13 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	16

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

THE CLINIC DELIVERANCE AND WORSHIP CENTER
WILMA & THE MESSENGERS MINISTRIES
18732/2515
10192 HALLS FERRY RD

STA. 372+65 MATCHLINE

6' SIDEWALK
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (UIP)
EXIST. UTILITY MARKER (DND)
EXIST. COMMERCIAL SIGN (DND)
EXIST. INLET (UIP)
+22.05 LT 29.00'
EXIST. GAS VALVE (RELOCATE BY OTHERS)
+61.97 LT 29.00'
6' SIDEWALK
EXIST. COMMERCIAL SIGN (DND)
EXIST. CURB (R)
EXIST. POWER POLE (DND)
EXIST. MAILBOX (R & R REINSTALL) STA. 375+87.16
EXIST. WATER METER (UIP)
+78.24 LT 29.00'
+19.65 LT 29.00'
EXIST. AT&T MANHOLE (AMB)
+93.24 LT 29.00'
6' SIDEWALK
EX. CURB (UIP)
S.L.
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)
EXIST. R/W
EXIST. BUS STOP SIGN (RELOCATE)
+25.50 LT 29.00'
+86.23 LT 29.00'
EXIST. TWLT CENTER LANE SIGN (R & REPLACE)
EXIST. POWER POLE (DND)
STA. +80.73 OFF. 55.00' LT
STA. +80.73 OFF. 50.00' LT
RE + 04.23 LT. W = 16.0'
CE + 01.23 LT. W = 29.0'
TCE
15
+22.23 LT 29.00'
+76.23 LT 29.00'
SURVEY ℄ ROUTE AC
S13°42'05"E
STA. 378+15 MATCHLINE

EXIST. WATER VALVE (ATG)
+87.35 RT 29.00'
+21.46 RT 29.00'
+25.14 RT 29.00'
+57.14 RT 29.00'
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. INLET (UIP)
EXIST. INLET (DND)
S.L.
6' SIDEWALK
EXIST. CURB (UIP)
EXIST. MAILBOX (R & REINSTALL) STA. 374+23.51
8' SIDEWALK
EXIST. MAILBOX (R & REINSTALL) STA. 374+58.97
EXIST. R/W
EXIST. CURB (UIP)
6' SIDEWALK
EXIST. WATER VALVE (UIP)
+05.74 RT 29.00'
EXIST. BUS STOP SIGN (RELOCATE)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. SIGN (DND)
END MODOT MAINTENANCE LINE
EXIST. COMMERCIAL SIGN (DND)
+87.51 RT 29.00'
+64.12 RT 29.00'
EXIST. INLET (UIP)
EXIST. INLET (DND)
6' SIDEWALK
CAPITOL DR

R 10' R 20'

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 14 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 17
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

THE CLINIC DELIVERANCE AND WORSHIP CENTER
WILMA & THE MESSENGERS MINISTRIES
18732/2515
10192 HALLS FERRY RD

NATIONAL METAL
RECYCLING CENTER

15

380

MATCHLINE STA. 378+15

MATCHLINE STA. 383+65

EXIST. COMMERCIAL SIGN (DND)
TCE
STA. +21.73 OFF. 55.00' LT
STA. +21.73 OFF. 50.00' LT
EXIST. INLET (UIP)
EXIST. R/W
6' SIDEWALK (TYP.)
STA. +26.23 OFF. 55.00' LT
STA. +26.23 OFF. 50.00' LT
CE + 45.50 LT. W = 29.1'
EXIST. COMMERCIAL SIGN (DND)
TCE
STA. +64.23 OFF. 55.00' LT
STA. +64.23 OFF. 50.00' LT
EXIST. POWER POLE WITH RISER (DND)
EXIST. INLET (UIP)
CE + 15.40 LT. W = 29.7'
EXIST. INLET (UIP)
EXIST. CURB (UIP)
EXIST. AT&T MANHOLE (ATG)
EXIST. POWER POLE (DND)
S.L.
EXIST. SANITARY MANHOLE (DND) 11G2-118S
EX. CONTROLLER (DND)
EX. AT&T PULL BOX (DND)
EX. POWER POLE WITH RISER (DND)
CE + 20.17 LT. W = 28.4'

R 10'
+25.23 LT 29.00'
+20.50 LT 29.00'
+69.59 LT 29.00'
+90.40 LT 29.00'
+40.40 LT 29.00'
PC STA 381+96.23 R2
+95.22 LT 29.06'
PT STA 382+88.73 R2
+44.63 LT 29.00'

EXIST. CURB (UIP)
SURVEY ℄ ROUTE AC
EXIST. COMMERCIAL SIGN (DND)

S13°42'05"E
S13°23'35"E

EXIST. WATER VALVE (ATG)
EXIST. WATER VALVE (ATG)

+36.02 RT 29.00'
+59.46 RT 29.00'
+07.10 RT 29.00'

EXIST. BICYCLE WARNING SIGN (R & REPLACE)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. CURB (UIP)
EXIST. R/W
S.L.
EXIST. INLET (UIP)
EXIST. CURB (UIP)
6' SIDEWALK (TYP.)
TIE INTO EXIST. SIDEWALK
EXIST. INLET (UIP)

CURVE #5
PI 382+42.48
PC 381+96.23
PT 382+88.73
Δ 0°18'30.0" (RT)
D 0°20'0.0"
L 92.50' (ARC)
T 46.25'
R 17,188.69'

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 15 OF 29

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 18
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

DOLLAR GENERAL

MATT'S MUFFLER & BRAKE

EXIST. BOX CULVERT A1108 (DND)

RECENTLY CONSTRUCTED SIDEWALK (UIP)

EXIST. POWER POLE (DND)

EXIST. GAS VALVE (DND)

TIE INTO EXIST. SIDEWALK

S.L.

EXIST. INLET (UIP) 11G2-0163D

EXIST. POWER POLE WITH RISER (DND)

6' SIDEWALK (TYP.)

EXIST. INLET (UIP) 11G2-0165D

TIE INTO EXIST. SIDEWALK

EXIST. POWER POLE (DND)

EXIST. HYDRANT (DND)

EXIST. R/W

EXIST. INLET (UIP) 11G2-0170D

EXIST. POWER POLE WITH RISER (DND)

385

MATCHLINE STA. 383+65

MATCHLINE STA. 389+15

EXIST. SANITARY MANHOLE (DND) 11G2-118S

EXIST. INLET (UIP)

EXIST. AT&T MANHOLE (DND)

+78.68 LT 29.00'

+76.24 LT 29.00'

+37.32 LT 29.00'

+34.76 LT 29.00'

+40.66 LT 29.00'

R 10'

R 20'

SURVEY ℄ ROUTE AC

S13°23'35"E

EXIST. WATER VALVE (ATG)

EXIST. INLET (DND) 11G2-111D

+31.87 RT 29.00'

R 30'

EXIST. SIGN (DND)

+24.63 RT 29.00'

EXIST. WATER VALVE (ATG)

6' SIDEWALK (TYP.)

EXIST. INLET (UIP) 11G2-110D

EXIST. STORM MANHOLE (ATG)

TIE INTO EXIST. SIDEWALK

EXIST. R/W

EXIST. BUS STOP SIGN (RELOCATE)

EXIST. CURB (UIP)

EXIST. FLAG POLE (DND)

EXIST. INLET (UIP) 11G2-0166D

EXIST. STORM MANHOLE (ATG) 11G2-0157D MSD INSPECTION REQUIRED

EXIST. WATER VALVE (DND)

EXIST. INLET & MANHOLE (DND) 11G2-091D

EXIST. WATER VALVE (UIP)

EMPIRE DR

EXIST. POWER POLE & RISERS (DND)

EXIST. CURB (UIP)

EXIST. INLET (UIP) 11G2-0169D

EXIST. CURB (R)

EXIST. INLET & MANHOLE (DND) 11G2-090D

END MODOT MAINTENANCE LINE

S.L.

EXIST. STORM MANHOLE (ATG) 11G2-0168D MSD INSPECTION REQUIRED

EXIST. STORM MANHOLE (UIP) 11G2-0157D

RECENTLY CONSTRUCTED SIDEWALK (UIP)

TIE INTO EXIST. SIDEWALK

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 16 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	19

COUNTY ST. LOUIS

JOB NO. J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

HALLS FERRY
ANIMAL HOSPITAL

IMO'S

EXIST. CURB (UIP)
EXIST. INLET (UIP) 11G3-051D
EXIST. UTILITY (DND)
EXIST. POWER POLE (DND)
EXIST. AT&T MANHOLE (ATG)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. GAS VALVE (UIP)
6' SIDEWALK (TYP.)
EXIST. POWER POLE (DND)
EXIST. WATER METER (UIP)
EXIST. TREE (DND)
EXIST. WATER VALVE (ATG)
EXIST. R/W
TYPE "S" CURB
S.L.
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)
EXIST. TREE (DND)

STA. 389+15
MATCHLINE
STA. 394+65

+55.09 LT 29.00'
+22.35 LT 29.00'
+11.13 LT 29.00'
+90.48 LT 29.00'
+28.57 LT 29.00'
+54.99 LT 32.36'
+02.85 LT 34.64'

SURVEY ℄ ROUTE AC
S13°23'35"E

EXIST. CURB (UIP)
+05.37 RT 29.00'
EXIST. SIGN (DND)
+54.73 RT 29.00'
EXIST. INLET (UIP) 11G3-052D
+38.34 RT 29.00'
+89.66 RT 29.02'
+34.23 RT 31.29'
+68.27 RT 32.76'
+77.74 RT 33.39'
+12.89 RT 36.00'
+97.62 RT 36.00'
+53.03 RT 36.00'
+35.41 RT 36.00'

EXIST. WATER VALVE (ATG)
S.L.
EXIST. POWER POLE WITH RISER (DND)
EXIST. INLET (DND) 11G3-053D
EXIST. SANITARY MANHOLE (DND) 11G3-041S
EXIST. POWER POLE & GUY WIRE (DND)
EXIST. CURB (UIP)
EXIST. INLET (DND) 11G3-054D
EXIST. CURB (R)
EXIST. POWER POLE & GUY WIRE (DND)
EXIST. LIGHT (DND)
EXIST. CURB (UIP)
EXIST. PULL BOX (DND)
EXIST. R/W
EXIST. INLET (UIP) 11G3-056D
EXIST. POWER POLE (DND)
6' SIDEWALK (TYP.)
EXIST. HYDRANT (UIP)
EXIST. LIGHT (DND)
EXIST. POST (R)
EXIST. INLET (UIP) 11F4-0211D
EXIST. INLET (UIP) 11F4-0210D

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 17 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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VOID
NO ACQUISITION
LINDEN LEE'S FAMILY TRUST
21498/1133
10002 HALLS FERRY RD

16

EXIST. INLET (11F4-181D)
DRAINAGE FLUME (SEE SPECIAL SHEET 'FLUME W/SIDEWALK INLET (CLOSED FLUME) TYPE I' DETAIL)

MATCHLINE STA. 8+00

EX. LANDSCAPING (UIP)
EX. LANDSCAPING (R)
EX. SIGN (R & REPLACE)
EX. LANDSCAPING (R)
EXIST. CURB (R)
REPLACE NOSE OF 4 FT. CONCRETE MEDIAN STRIP (6")
+76.92 (CH RD)
RT 36.17'
EX. CONCRETE MEDIAN (R)
EX. LANDSCAPING (DND)(TYP.)
EX. PULL BOX (R)
EX. CONTROLLER (R)
SEE SPECIAL SHEET 'CURB RAMP DETAIL A'
6' SIDEWALK (TYP.)
EX. SIGN (R & REPLACE)
EX. CONC MEDIAN (UIP)
CHAMBERS RD
S77°37'10"W
EX. BUS STOP SIGN (DND)
18" TUBULAR MARKER
EX. LANDSCAPING (R)
EX. LANDSCAPING (R)
+00.90 (CH RD)
LT 32.50'
EX. TREE (UIP)
EX. ST. LOUIS COUNTY CABINET (DND)
EX. SIGNAL POLE (R)
SEE SPECIAL SHEET 'CURB RAMP DETAIL B'
EX. SIDEWALK (R)
TYPE B CURB AND GUTTER (TYP.)
PSE
EXIST. R/W
TCE
S.L.
TIE IN TO EXIST. SIDEWALK
EX. SIDEWALK (UIP)
EXIST. INLET (UIP)

18
WALGREENS
ARG WLGREFI001 LLC
24252/163
2202 CHAMBERS RD

SCALE
0 20 40 60

EXIST. NO PARKING OR STOPPING SIGN (REPLACE & RELOCATE)
TYPE "S" CURB
EXIST. CURB (UIP)
EXIST. BUS STOP SIGN (RELOCATE)
EXIST. ADOPT-A-HIGHWAY SIGN (RELOCATE)
EXIST. CURB (R)
TIE IN TO EX. SIDEWALK
EXIST. CURB (UIP)
395
400
EX. KEEP RIGHT SIGN (REPLACE & RELOC)
EXIST. SIGN (DND)
EXIST. TREE (DND)
+42.48
LT 47.08'
PI STA. 9+91.21 SURVEY ℄ CHAMBERS RD = STA. 397+70.82 SURVEY ℄ ROUTE AC
CONCRETE MEDIAN STRIP (6")
S13°17'50"E
18" TUBULAR MARKER
KEEP RIGHT SIGN
ONE WAY SIGN
+69.86
RT 36.00'
+61.80
LT 36.00'
CONCRETE MEDIAN STRIP (6")
+17.08
LT 36.00'
EX. INLET (UIP) 11F4-178D
SURVEY ℄ ROUTE AC
POT STA 397+70.82 R2
18" TUBULAR MARKER
KEEP RIGHT SIGN
ONE WAY SIGN
S13°23'35"E
ONE WAY SIGN
EX. INLET (UIP) 11F4-0213D
EX. INLET (UIP) 11F4-0215D
EXIST. INLET (UIP) 11F4-0146D
EXIST. CURB (UIP)
+78.63
RT 36.00'
EX. INLET (UIP)
+38.51
RT 36.00'
+10.49
RT 36.00'
EXIST. INLET (UIP) 11F4-0212D
+00.84
RT 36.00'
EXIST. BLOCK WALL (DND)
EXIST. SIGN (DND)
+07.29
RT 42.50'
EXIST. R/W
EX. SIGN (DND)
SEE SPECIAL SHEET 'CURB RAMP DETAIL C'
EX. LANDSCAPING (R)
EX.INLET (R) 11F4-0217D
+29.32
RT 37.50'
S.L.
EX. LANDSCAPING (R)
+39.35 (CH RD)
RT 37.50'
CE = 47.26
W = 49.0'
CE = + 07.61 RT.
W = 55.0'
EXIST. SIGNAL POLE (R)
EXIST. INLET (UIP)
CHAMBERS RD
N89°33'50"W
TCE
NEW R/W
CE + 57.31 RT.
W = 40.2'
CE + 56.11 RT.
W = 9.7'
RE + 85.88 RT.
W = 20.3'
EXIST. CURB (UIP)
EXIST. INLET (UIP)
+87.18
RT 36.00'
EX. COMMERCIAL SIGN (UIP)
SEE SPECIAL SHEET 'CURB RAMP DETAIL D'
EX. INLET (UIP)
PEDESTRIAN FENCE
RETAINING WALL (26-6S3569-001) (SEE SPECIAL SHEETS)
+05.61
RT 36.00'
MATCHLINE STA. 394+65
MATCHLINE STA. 400+15
MATCHLINE STA. 11+50

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

17
M&I STL ESTATE LLC
24281/335
10005 HALLS FERRY RD

19
BRONSON REAL ESTATE LLC
2023051200436
2158 CHAMBERS RD

VOID
NO ACQUISITION

20
NICO TERRACE LP
23120/3662
9951 HALLS FERRY RD

NOTE: SEE UTILITY SHEET 18 FOR UTILITY NOTES.

ROUTE AC PLAN
SHEET 18 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:20-06'00'

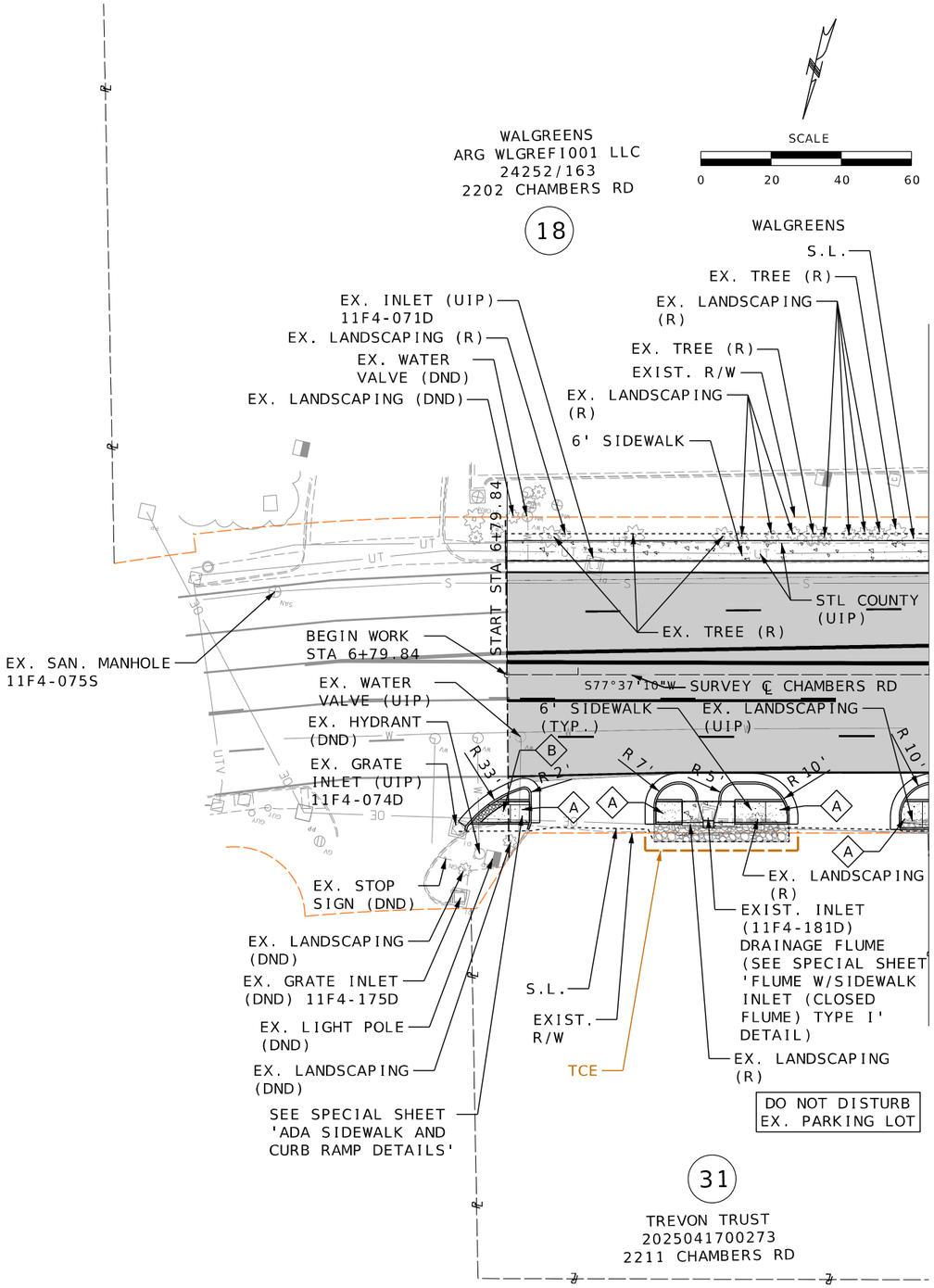
DATE PREPARED 1/9/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 21
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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LEGEND	
	PAVED APPROACH
	SIDEWALK
	ASPHALT PATCHING
	EX. SIDEWALK / RAMP (UIP)
	RAMP / LANDING
	TRUNCATED DOMES
	RESURFACING

KEYED NOTES	
A	SMALL RADIUS PERPENDICULAR CURB RAMP
B	LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 19 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

BRONSON REAL ESTATE LLC
2023051200436
2158 CHAMBERS RD
19

A BRIGHTER FUTURE CHILDCARE
& DEVELOPMENT CENTER INC.
23358/1
2140 CHAMBERS RD
21

15

STA. 11+50

MATCHLINE STA. 11+50

EXIST. STL COUNTY PULL BOX (ATG)
EXIST. STL COUNTY (UIP)
CE + 06.01 LT.
W = 63.5'
TCE
EXIST. ENTRANCE (R)
EXIST. R/W
S.L.
AT&T (DND)
TCE
EX. WATER METER (UIP)
EX. WATER VALVE (UIP)
CE + 80.11 LT.
W = 14.9'
CE + 41.87 LT.
W = 16.7'
END WORK
STA 14+59.77

R 10'
R 10'
R 10'
R 10'

+61.65 (CH RD)
LT 32.50'
+28.17 (CH RD)
LT 32.50'
EX. INLET (UIP)
EX. POWER POLE (DND)
+62.50 (CH RD)
LT 30.00'
EX. LIGHT (UIP)
+23.50 (CH RD)
LT 27.72'
+97.81 (CH RD)
LT 27.72'

N89°33'50"W

+27.50 (CH RD)
RT 31.50'
+74.34 (CH RD)
RT 31.50'
EX. INLET (UIP)
11G3-0127D
EX. CHARTER MANHOLE
(ATG BY OTHERS)
EX. INLET (UIP)
11G3-0128D
SURVEY ℄ CHAMBERS RD
EX. SAN. MANHOLE (ATG)
11G3-055S
MSD INSPECTION
REQUIRED
EX. POWER POLE (DND)
EXIST. SPEED LIMIT SIGN (R & REPLACE)
END MODOT MAINTENANCE LINE
S.L.
EX. PULL BOX (ATG BY OTHERS)
EXIST. R/W
EXIST. BUS STOP SIGN (RELOCATE)
EX. UTILITY POLE (DND)
EX. UTILITY POLE (DND)
EX. VEGETATION (R)
TCE
CE + 96.29 RT.
W = 25.0'

17
M&I STL ESTATE LLC
24281/335
10005 HALLS FERRY RD

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 20 OF 29

ALLISON M. BRUNER
NUMBER
PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:52-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	23

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\023_PL_J6S3569_I20_017B.dgn 11:57:00 AM 11/26/2025

SCALE
0 20 40 60

WALGREENS
ARG WLGREFI001 LLC
24252/163
2202 CHAMBERS RD
18

STA. +32.51
OFF. 50.00' LT
STA. +32.85
OFF. 60.50' LT
EXIST. SIDEWALK (R)
TCE
CE + 79.88 LT.
W = 32.5'
STA. +01.38
OFF. 60.50' LT
STA. +01.38
OFF. 50.00' LT
EXIST. INLET (UIP) 11F4-0189D
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. POWER POLE WITH RISER (DND)
S.L.
6' SIDEWALK (TYP.)
EXIST. LIGHT (DND)
EXIST. R/W
EXIST. INLET (DND) 11F4-0187D
EXIST. BUS STOP SIGN (UIP)
EXIST. POWER POLE WITH RISER (DND)
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
405
MATCHLINE STA. 400+15
MATCHLINE STA. 405+65
TIE INTO EXIST. SIDEWALK
EXIST. AT&T MANHOLE (DND)
+95.80 LT 36.00'
+32.53 LT 34.07'
EXIST. GAS VALVE (DND)
+87.84 LT 29.00'
+23.52 LT 28.84'
+99.05 LT 29.05'
+46.27 LT 29.00'
SURVEY ℄ ROUTE AC
S13°17'50"E
+59.02 RT 36.01'
+97.71 RT 36.01'
+15.16 RT 36.01'
+83.54 RT 36.01'
EXIST. WATER VALVE (ATG)
+24.74 RT 36.01'
+83.11 RT 32.23'
+94.19 RT 31.51'
+65.79 RT 29.00'
+57.43 RT 29.00'
+23.14 RT 29.02'
+82.70 RT 29.00'
+39.36 RT 29.00'
NEW LIGHTING
EXIST. BUS STOP SIGN (DND)
EXIST. WATER VALVE (ATG)
EXIST. INLET (UIP) 11F4-154D
CE + 49.09 RT.
W = 49.0'
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
TYPE B CURB AND GUTTER (TYP.)
6' SIDEWALK (TYP.)
EXIST. INLET (UIP) 11F4-0190D
S.L.
EXIST. POWER POLE (DND)
CE + 54.74 RT.
W = 38.7'
EXIST. INLET (UIP) 11F4-0186D
EXIST. INLET (UIP) 11F4-067D
EXIST. R/W
EX. INLET (UIP) 11F4-0188D
EXIST. STORM MANHOLE (ATG) 11F4-065D MSD INSPECTION REQUIRED
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
EX. INLET (UIP) 11F4-066D
EXIST. STREET NAME SIGN (REPLACE POST)
EXIST. INLET (UIP) 11F4-063D
EXIST. SAN. MANHOLE (ATG) 11F4-069S
HECHT AVE
EXIST. CURB (UIP)
EXIST. MANHOLE (ATG) 11F4-061D MSD INSPECTION REQUIRED
EXIST. INLET (UIP) 11F4-062D
END MODOT MAINTENANCE LINE

VOID
NO ACQUISITION
20
NICO TERRACE LP
23120/3662
9951 HALLS FERRY RD

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- A SMALL RADIUS PERPENDICULAR CURB RAMP
- B LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 21 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:20-06'00'

DATE PREPARED 1/8/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 24
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

CHAD AUTO SALES

LILLY PEEZ DINER

EXIST. GAS VALVE (DND)
EXIST. INLET (UIP)
EXIST. POWER POLE WITH RISER (DND)
6' SIDEWALK (TYP.)
EXIST. WATER VALVE (DND)
EXIST. CURB (UIP)
S.L.
EXIST. GAS VALVE (DND)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)
EXIST. R/W
EXIST.SIGN (R & REPLACE)
EXIST. GAS VALVE (UIP)
EXIST. CURB (UIP)
EXIST. AT&T PULL BOX (ATG)
EXIST. STORM MANHOLE (RELOCATE BY OTHERS) 11F4-0200D
EXIST. BOLLARD (UIP)
EXIST. BOLLARDS (DND)(TYP.)
EXIST. POWER POLE (DND)

MATCHLINE STA. 405+65

+95.11 V29.00'
+12.50 LT 29.00'
+70.90 LT 29.00'
+18.27 LT 29.00'
SURVEY ℄ ROUTE AC
+60.67 LT 29.00'
EXIST. INLET (UIP) 11F4-0193D
+33.11 LT 29.00'
+81.87 LT 29.00'
EXIST. SANITARY MANHOLE (ATG) 11F4-065S
+72.80 LT 29.00'
EXIST. INLET (UIP) 11F4-0199D
+32.05 LT 29.00'
+60.30 LT 29.00'
+12.95 LT 29.00'

MATCHLINE STA. 411+15

S13°17'50"E

+97.71 RT 29.00'
+17.17 RT 29.00'
+62.45 RT 29.00'
EXIST. INLET (UIP) 11F4-0192D
EXIST. STORM MANHOLE (ATG) 11F4-0194D MSD INSPECTION REQUIRED
+37.41 RT 29.00'
+02.85 RT 29.00'
+53.03 RT 29.00'
+64.62 RT 29.00'
+70.52 RT 29.00'
+17.30 RT 29.00'

EXIST. WATER VALVE (DND)
EXIST. INLET (UIP) 11F4-0191D
EXIST. STORM MANHOLE (ATG) 11F4-060D MSD INSPECTION REQUIRED
EXIST. BUS STOP SIGN (RELOCATE)
TYPE B CURB AND GUTTER (TYP.)
EXIST. WATER VALVE (DND)
EXIST. INLET (UIP) 11F4-055D
EXIST. STREET NAME SIGN (REPLACE POST)
EXIST. INLET (DND) 11F4-058D
EXIST. TWLT CENTER LANE SIGN (R & REPLACE)
EXIST. INLET (DND) 11F4-054D
EXIST. CURB (UIP)
KAPPEL DR
EXIST. WATER VALVE (ATG)
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
EXIST. SANITARY MANHOLE (ATG) 11F4-066S
EXIST. STOP SIGN (R & REPLACE)
END MODOT MAINTENANCE LINE
EXIST. R/W
EXIST. INLET (UIP) 11F4-056D
S.L.
SPEED LIMIT SIGN
EXIST. CURB (UIP)
6' SIDEWALK (TYP.)

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 22 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:53-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 25
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 411+15

MATCHLINE STA. 416+65

EXIST. BOLLARDS (DND)(TYP.)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
6' SIDEWALK (TYP.)
EXIST. R/W
S.L.
EXIST. WATER VALVE (DND)
EXIST. INLET (UIP)
TYPE B CURB AND GUTTER (TYP.)
EXIST. POWER POLE (DND)
EXIST. BOLLARDS (R)
EXIST. WATER METER (DND)
EXIST. POWER POLE (DND)
EXIST. BOLLARDS (R)
415
CE + 40.29 LT.
W = 38.2'
EXIST. CURB (UIP)
EXIST. AT&T PULLBOX (ATG)
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)

+62.17 LT 29.00'
+17.33 LT 29.00'
+07.49 LT 29.00'
+82.15 LT 29.00'
+62.80 LT 29.00'
+40.44 LT 29.00'
+11.26 LT 29.50'
+69.32 LT 29.50'

SURVEY ℄ ROUTE AC
EXIST. SANITARY MANHOLE (ATG) 11F4-064S MSD INSPECTION REQUIRED
EXIST. INLET (UIP)
S13°17'50"E

EXIST. CURB (UIP)
+48.65 RT 29.00'
+08.60 RT 29.00'
+87.57 RT 29.00'
EXIST. CURB (UIP)
+24.86 RT 29.00'
+58.43 RT 29.00'
+47.85 RT 29.00'
+82.85 RT 29.00'
EXIST. STORM MANHOLE (ATG)

CE + 48.60 RT.
W = 59.0'
EXIST. INLET (UIP)
EXIST. WATER METER (UIP)
EXIST. INLET (UIP)
EXIST. INLET (DND)
6' SIDEWALK (TYP.)
EXIST. WATER VALVE (ATG)
RE + 41.66 RT.
W = 13.6'
EXIST. WATER VALVE (ATG)
S.L.
EXIST. CURB (UIP)
TIE INTO EXIST. SIDEWALK
EXIST. STAIRS (DND)
EXIST. R/W
EXIST. INLET (UIP)
EXIST. WATER METER (UIP)
RE + 64.41 RT.
W = 14.2'
EXIST. HYDRANT (DND)
EXIST. WATER VALVE (ATG)
EXIST. INLET (UIP)
EXIST. CURB (UIP)

R 10'

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 23 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:53-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	26

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

JANG, BOON & BAI, CONNIE H/W
15767/1840
9862 HALLS FERRY RD
22

VOID
NO ACQUISITION

POPEYES
SVC ABS LLC
2023031600322
9854 HALLS FERRY RD
23

MATCHLINE STA. 416+65

MATCHLINE STA. 421+50

S.L.
6' SIDEWALK (TYP.)
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)
CE + 91.22 LT. W = 35.0'
EXIST. INLET (ATG)
EXIST. POWER POLE (DND)
EX. LANDSCAPING (DND)
STA. +47.64 OFF. 58.00' LT
EX. COMMERCIAL SIGN (DND)
+48.24 LT 46.74'
STA. +47.64 OFF. 45.00' LT
EXIST. POWER POLE (DND)
+88.18 LT 46.89'
TCE
CE + 68.14 LT. W = 30.0'
STA. +88.64 OFF. 58.00' LT
STA. +88.64 OFF. 45.00' LT
EXIST. WATER METER (DND)
EXIST. ADOPT-A-HIGHWAY SIGN (UIP)
EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. BUS STOP SIGN (UIP)
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (UIP)
EXIST. POWER POLE (DND)
420
+63.72 LT 29.50'
+18.72 LT 29.50'
EXIST. CURB (UIP)
+43.14 LT 29.50'
+94.17 LT 29.50'
EXIST. SANITARY MANHOLE (ATG) 12F1-069S MSD INSPECTION REQUIRED
EXIST. KEEP RIGHT SIGN (R & REPLACE)
SURVEY ℄ ROUTE AC
S13°17'50"E
EXIST. CURB (UIP) +84.79 RT 29.00'
EXIST. CURB (UIP) +69.79 RT 29.00'
+15.74 RT 28.50'
+74.50 RT 28.50'
+00.57 RT 28.50'
EXIST. WATER VALVE (ATG)
+42.31 RT 28.50'
+86.44 RT 28.50'
EX. STORM MANHOLE (ATG) 12F1-172D MSD INSPECTION REQUIRED
EX. PULL BOX (UIP)
EXIST. INLET (DND)
CE + 34.79 RT. W = 50.0'
TCE
EXIST. AT&T PULLBOX (DND)
EXIST. INLET (DND)
EXIST. INLET (UIP)
S.L.
EXIST. INLET (DND)
TYPE B CURB AND GUTTER (TYP.)
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
EXIST. POST (R)
STA. +04.29 OFF. 45.00' RT
STA. +04.29 OFF. 50.00' RT
STA. +65.29 OFF. 45.00' RT
STA. +65.29 OFF. 50.00' RT
EXIST. POWER POLE (UIP)
STA. +92.42 OFF. 45.00' RT
STA. +92.42 OFF. 53.00' RT
CE + 28.50 RT. W = 59.0'
STA. +63.50 OFF. 45.00' RT
STA. +63.50 OFF. 53.00' RT
STA. +30.50 OFF. 45.00' RT
STA. +30.50 OFF. 52.00' RT
EXIST. CURB (DND)
EXIST. INLET (UIP)
EXIST. LIGHT (UIP)
TCE
TCE

GALAXY HOLDINGS LLC
24588/5894
9861 HALLS FERRY RD
24

MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD
25

HALLS FERRY AUTO
WALLACE VINCENT C
19815/2836
9843 HALLS FERRY RD
26

MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD
25

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 24 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE: 2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:20-06'00'

DATE PREPARED 1/8/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 27
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'

SCALE
0 20 40 60

MATCHLINE STA. 421+50

MATCHLINE STA. 426+60

EXIST. GAS VALVE (UIP)
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (DND)
EXIST. STORM MANHOLE (UIP)
EXIST. R/W
EXIST. SIGNAL POLE (DND)
EXIST. PULL BOX (DND)
EXIST. WATER METER (R & RELOC BY OTHERS)
EXIST. INLET (UIP)
EXIST. WATER METER (UIP)
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. MAILBOX (R & REINSTALL BEHIND SIDEWALK) STA. 426+34.77
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
S.L.

CE + 52.09 LT. W = 28.0'
CE + 71.34 LT. W = 15.0'
PC STA 422+63.95 R2
425

EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. KEEP RIGHT SIGN (R & REPLACE)
+27.92 LT 29.50'
+76.27 LT 29.50'
+53.70 LT 29.50'
+88.97 LT 29.50'
+37.75 LT 29.48'
+73.17 LT 29.52'
+36.39 LT 29.51'
EXIST. SAN. MANHOLE (ATG)12F1-077S MSD INSPECTION REQUIRED
SURVEY ℄ ROUTE AC
S13°17'50"E
EXIST. INLET (ATG)
EXIST. CURB (UIP)
TIE INTO EX. SIDEWALK
EX. WATER VALVE (ATG)
EX. WATER VALVE (ATG)
EX. FIRE HYDRANT (DND)
EX. WATER METER (DND)
+69.09 RT 38.50'
+19.51 RT 38.50'
+79.65 RT 38.50'
EXIST. KEEP RIGHT SIGN (R & REPLACE)
+21.06 RT 38.51'
+76.18 RT 35.97'
+15.38 RT 34.25'
EXIST. CURB (UIP)
R 5.5'
TCE
PSE
CE + 63.50 RT. W = 55.0'
EXIST. STORM MANHOLE (DND)
EXIST. YIELD SIGN (R & REPLACE)
EXIST. LIGHT (DND)
EXIST. WARNING SIGN (R & REPLACE)
END MODOT MAINTENANCE LINE
END WORK STA. 1+31.49
S84°17'52"W
LUCAS HUNT RD
EX. MANHOLE (ATG) 12F1-097D MSD INSPECTION REQUIRED
EXIST. MANHOLE (ATG) 12F1-095D MSD INSPECTION REQUIRED
EX. GAS VALVE (ATG)
EX. ADOPT-A-HIGHWAY SIGN (UIP)
EXIST. MODOT LIGHTING PULL BOX (ATG)
STA. 0+00.00 ℄ LUCAS HUNT RD = STA. 422+89.29 ℄ ROUTE AC
EX. YIELD SIGN (R & REPLACE)
EXIST. WARNING SIGN (R & REPLACE)
EXIST. SANITARY MANHOLE (ATG) 12F1-094D MSD INSPECTION REQUIRED
CE + 44.29 RT. W = 30.0'
TCE
STA. +23.96 OFF. 50.01' RT
STA. +23.97 OFF. 58.00' RT
EXIST. WATER METER (UIP)
EXIST. R/W
S.L.
EXIST. INLET (UIP)
STA. +64.63 OFF. 50.01' RT
STA. +64.58 OFF. 58.00' RT
EXIST. LIGHT (DND)
EXIST. GAS VALVE (DND)
TYPE B CURB AND GUTTER (TYP.)

VOID
NO ACQUISITION

25
MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

27
GREEN, JACKIE
15174/181
9833 HALLS FERRY RD

28
WILLIAM C HARRIS FD LLC
21153/484
9825 HALLS FERRY RD

ROUTE AC PLAN
SHEET 25 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:20-06'00'

DATE PREPARED 1/8/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 28
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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VOID

NO ACQUISITION

UNITED STATES POSTAL SERVICE
7112/2239
9810 HALLS FERRY RD

29

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'

FRANKS, LAMONT
24603/33
9800 HALLS FERRY RD

30

SCALE
0 20 40 60

MATCHLINE STA. 426+60

EXIST. POWER POLE (DND)
EXIST. CURB (R)
EXIST. TREE (DND)
EXIST. POWER POLE (DND)
EXIST. SIGN (DND)
6' SIDEWALK (TYP.)
EXIST. SIDEWALK (DND)
EXIST. CURB (R)
TYPE B CURB AND GUTTER (TYP.)
S.L.
EXIST. INLET (UIP)
EXIST. COMMERCIAL SIGN (DND)
EXIST. R/W
EXIST. LANDSCAPING (DND)
EXIST. SIDEWALK (R)
EXIST. CURB (R)
STA. +54.75 OFF. 50.00' LT
STA. +54.75 OFF. 45.00' LT
STA. +96.08 OFF. 50.00' LT
STA. +96.07 OFF. 45.00' LT
EXIST. POWER POLE (DND)
TCE
EXIST. SIDEWALK (R)
EXIST. COMMERCIAL SIGN (DND)
EXIST. CURB (R)
EXIST. WATER VALVE (ATG)
PROJECT J6I3573B LIMITS

CE + 30.28 LT. W = 30.6'
CE + 08.52 LT. W = 32.2'
CE + 75.41 LT. W = 30.0'
430

+04.49 LT 29.50'
+72.35 LT 29.52'
+56.58 LT 29.50'
+78.52 LT 29.50'
+50.22 LT 29.50'
+01.66 LT 29.50'
+35.99 LT 29.50'

SURVEY ℄ ROUTE AC

EXIST. POWER POLE (DND)
EXIST. SAN., MANHOLE (ATG) 12F1-083S
MSD INSPECTION REQUIRED
+00.78 RT 28.49'
EXIST. WATER VALVE (ATG)
+35.20 RT 28.50'
+68.67 RT 28.50'
PROJECT J6I3573B LIMITS

+65.60 RT 31.89'
+99.32 RT 30.22'
+87.88 RT 28.50'
+37.55 RT 28.50'

EXIST. INLET (UIP)
EXIST. WATER VALVE (DND)
EXIST. CURB (UIP)
EXIST. BUS STOP SIGN (R&RELOC) STA . 426+51
EXIST. INLET (UIP)
S.L.
EXIST. WATER METER (DND)
CE + 12.70 RT. W = 25.0'
EXIST. R/W
EXIST. POWER POLE (DND)
EXIST. WATER VALVE (RELOCATE BY OTHERS)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. HYDRANT (UIP)
6' SIDEWALK (TYP.)

SAM'S MARKET

MATCHLINE STA. 432+10

R 10'

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 26 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI · PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:53-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

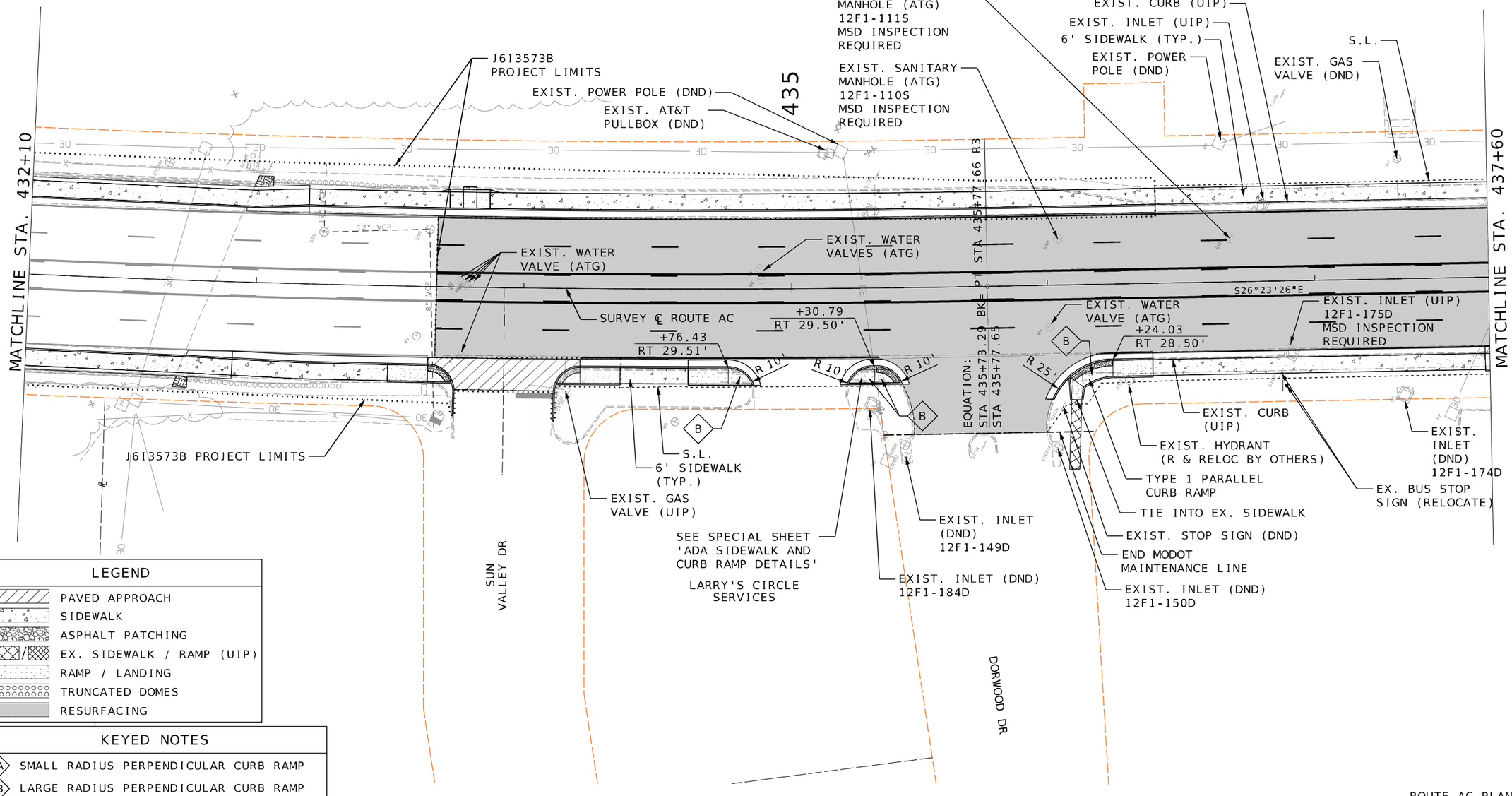
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'



LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- (A) SMALL RADIUS PERPENDICULAR CURB RAMP
- (B) LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 27 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:53-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	30

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

SCALE
0 20 40 60

CURVE #7
PI 439+98.27
PC 439+42.96
PT 440+53.58
Δ 0°44'30.0" (LT)
D 0°40'13.7"
L 110.62' (ARC)
T 55.31'
R 8,545.58'

MATCHLINE STA. 437+60

EXIST. INLET (UIP)
EXIST. GAS VALVE (DND)
6' SIDEWALK (TYP.)
EXIST. CURB (UIP)
S.L.
EXIST. R/W
440
EXIST. SANITARY MANHOLE (ATG) 12F1-112S MSD INSPECTION REQUIRED
SEE SPECIAL SHEET 'ADA SIDEWALK AND CURB RAMP DETAILS'
EXIST. GAS VALVE (RELOCATE BY OTHERS)
CHAMBERS AUTO REPAIR
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)
EXIST. COMMERCIAL SIGN (DND)
TIE INTO EX. SIDEWALK
EXIST. CURB (UIP)

SURVEY ℄ ROUTE AC
S26°23'26"E
PC STA 439+42.96 R3
PT STA 440+53.58 R3
S27°07'56"E

+78.28 RT 28.50'
+28.67 RT 28.50'
+60.07 RT 28.50'
+94.13 RT 28.50'
+73.91 RT 28.50'
+08.36 RT 28.50'
+34.16 RT 28.50'
+71.53 LT 29.50'
+03.39 LT 29.50'
+49.31 LT 29.25'
+96.56 LT 29.25'
+62.09 LT 29.00'
+12.14 RT 28.90'
+06.04 RT 29.15'

R 10' R 5' R 10'

EXIST. INLET (UIP)
EXIST. CURB (UIP)
EXIST. WATER VALVE (ATG)
6' SIDEWALK (TYP.)
EXIST. INLET (UIP)
CE + 76.96 RT.
W = 14.4'
EXIST. POWER POLE (DND)
EXIST. CURB (UIP)
CE + 91.19 RT.
W = 15.1'
EXIST. WATER VALVE (ATG)
EXIST. R/W
EXIST. INLET (UIP) 12F1-002D
EXIST. HYDRANT (DND)
TYPE B CURB AND GUTTER (TYP.)
S.L.
EXIST. SAN. MANHOLE (ATG) 12F4-085S MSD INSPECTION REQUIRED
EXIST. WATER METER (DND)
EXIST. CURB (UIP)
EXIST. INLET (UIP) 12F4-118D
EXIST. STORM MANHOLE (UIP) 12F4-120D
EXIST. INLET (UIP) 12F1-001

MATCHLINE STA. 443+10

LEGEND
- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES
- A SMALL RADIUS PERPENDICULAR CURB RAMP
- B LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 28 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:54-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 31
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

EXIST. CURB (UIP)

EXIST. POWER POLE (DND)

EXIST. R/W

EXIST. ADOPT-A-HIGHWAY SIGN (DND)

6' SIDEWALK

EXIST. ROUTE AC SIGN (R & REPLACE)

EXIST. STATE MAINTENANCE BEGINS SIGN (R)

EXIST. COUNTY MAINTENANCE BEGINS SIGN (REPLACE POST & RELOCATE)

S.L.

TIE INTO EX. SIDEWALK

EXIST. GAS VALVE (DND)

SURVEY ℄ ROUTE AC

S27°07'56"E

MATCHLINE STA. 443+10

END STA 444+21.11 R3

B

+80.54 RT 29.26'

R 10'

TIE INTO EX. SIDEWALK

6' SIDEWALK

EXIST. R/W

TYPE B CURB AND GUTTER (TYP.)

EXIST. CURB (UIP)

S.L.

END PROJECT STA 444+21.11

LEGEND

- PAVED APPROACH
- SIDEWALK
- ASPHALT PATCHING
- EX. SIDEWALK / RAMP (UIP)
- RAMP / LANDING
- TRUNCATED DOMES
- RESURFACING

KEYED NOTES

- A SMALL RADIUS PERPENDICULAR CURB RAMP
- B LARGE RADIUS PERPENDICULAR CURB RAMP

ROUTE AC PLAN
SHEET 29 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:54-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	32

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

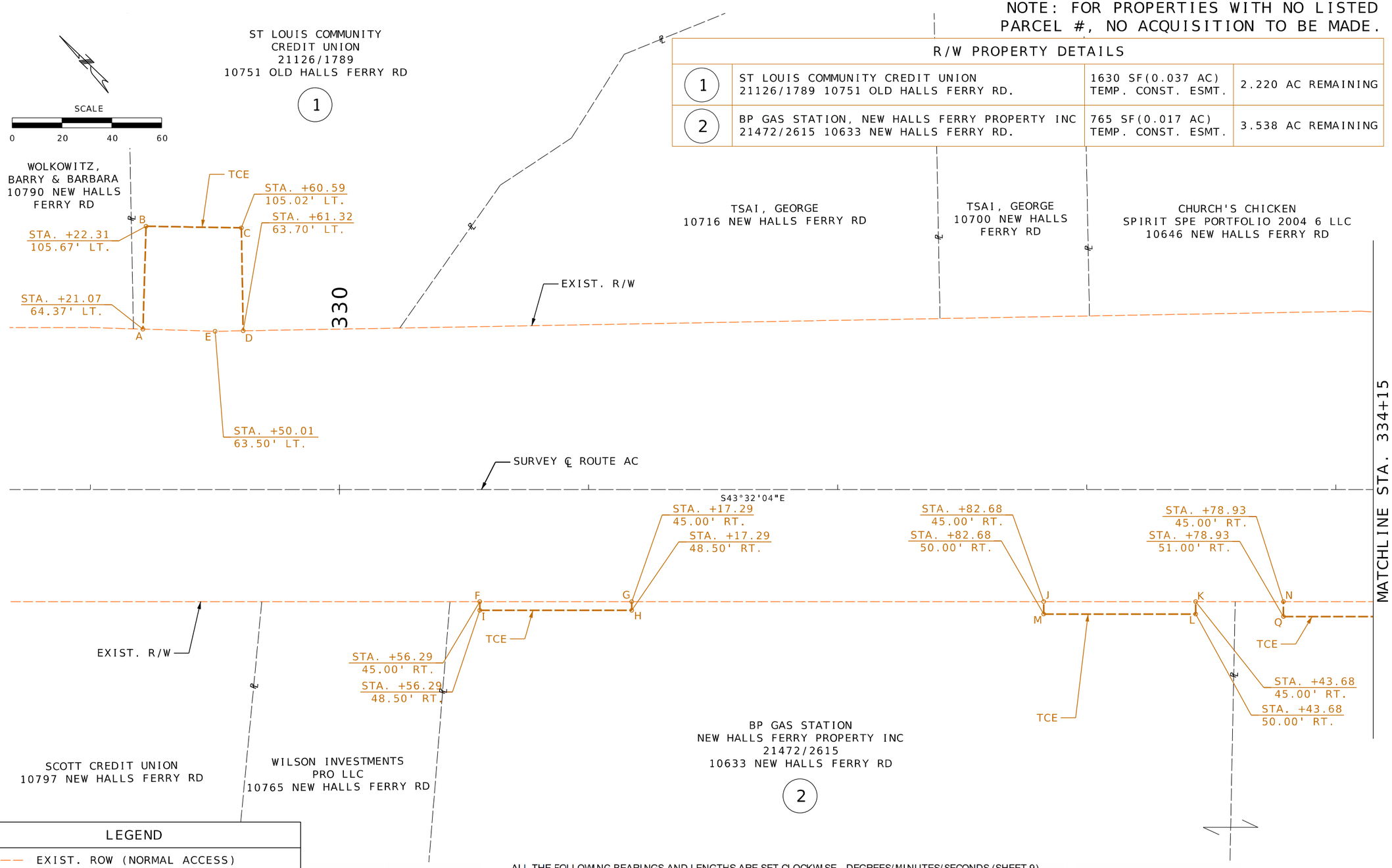
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
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BMcD Project No. 170015

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NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

R/W PROPERTY DETAILS			
1	ST LOUIS COMMUNITY CREDIT UNION 21126/1789 10751 OLD HALLS FERRY RD.	1630 SF(0.037 AC) TEMP. CONST. ESMT.	2.220 AC REMAINING
2	BP GAS STATION, NEW HALLS FERRY PROPERTY INC 21472/2615 10633 NEW HALLS FERRY RD.	765 SF(0.017 AC) TEMP. CONST. ESMT.	3.538 AC REMAINING



LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 9)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
1	A-B, B-C, C-D, D-E, E-A	N48°11'03"E	41.316	S42°34'27"E	38.281	S45°27'36"W	41.331	N44°32'24"W	11.311	N41°48'57"W	28.944
2	F-G, G-H, H-I, I-F	S43°32'04"E	61.000	S46°27'56"W	3.500	N43°32'04"W	61.000	N46°27'56"E	3.500		
2	J-K, K-L, L-M, M-J	S43°32'04"E	61.000	S46°27'56"W	5.000	N43°32'04"W	61.000	N46°27'56"E	5.000		
2	N-O, O-P, P-Q, Q-N	S43°32'04"E	41.000	S46°27'56"W	6.000	N43°32'04"W	41.000	N46°27'56"E	6.000		

ROUTE AC ROW
SHEET 01 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:54-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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Certificate of Authority
No. : 000165
BMcD Project No. 170015

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R/W PROPERTY DETAILS

2	BP GAS STATION, NEW HALLS FERRY PROPERTY INC 21472/2615 10633 NEW HALLS FERRY RD.	SEE ROW SHEET 01

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

SCALE
0 20 40 60

CHURCH'S CHICKEN
SPIRIT SPE PORTFOLIO
2004 6 LLC
10646 NEW HALLS
FERRY RD

HINES MOTORS
WELLESLEY LLC
10638 NEW HALLS FERRY RD

UNION ELETRIC
COMPANY
10630 NEW HALLS
FERRY RD

PHILLIPS 66
JOES SPH LLC
10620 NEW HALLS
FERRY RD

PHILLIPS 66
JOES SPH LLC
10606 NEW HALLS FERRY RD

BLAND VICKIE ET AL
10606 OLD HALLS
FERRY RD

S11°16'53"E

PC STA 7+53.74

SURVEY ℄ OLD HALLS FERRY RD

OLD HALLS FERRY RD #1
PI 8+78.34
PC 7+53.74
PT 10+00.00
Δ 21°32'28.1" (RT)
D 8°44'50.8"
L 246.26' (ARC)
T 124.60'
R 655.00'

335

EXIST. R/W

MATCHLINE STA. 334+15

PC STA 334+46.85

S43°32'04"E

SURVEY ℄ ROUTE AC

MATCHLINE STA. 339+65

O

P

T

STA. +19.93
45.00' RT.

STA. +19.93
51.00' RT.

TCE

EXIST. R/W

BP GAS STATION
NEW HALLS FERRY PROPERTY INC
21472/2615
10633 NEW HALLS FERRY RD

2

A1 WINE & SPIRITS
SHASTRI LLC
10625 NEW HALLS FERRY RD

MEINEKE CAR CARE CENTER
STILLMAN FAMILY INVESTMENTS LLC
10617 NEW HALLS FERRY RD

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

CITY OF FERGUSON
10607 NEW HALLS FERRY RD

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 10)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
2	SEE ROW SHEET 01										

ROUTE AC ROW
SHEET 02 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:54-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0229171\013B_RW_J6S3569_I20_006.dgn 11:59:34 AM 11/26/2025

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 11)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
3	A-B, B-C, C-D, D-A	N72°31'16"E	5.078	S23°55'23"E	28.785	S66°04'37"W	5.043	N23°55'47"W	29.355		
4	E-F, F-G, G-H, H-E	N66°02'12"E	5.037	S23°55'23"E	28.829	S66°04'37"W	5.034	N23°55'47"W	28.825		
4	I-J, J-K, K-N, N-I	N66°04'37"E	5.031	S23°55'23"E	5.094	S66°05'54"W	5.030	N23°55'47"W	5.092		
5	N-K, K-L, L-M, M-N	N66°05'54"E	5.030	S23°55'23"E	21.892	S66°04'37"W	5.027	N23°55'47"W	21.894		
5	O-P, P-Q, Q-T, T-O	N66°04'37"E	5.023	S23°55'23"E	6.875	S66°04'38"W	5.022	N23°55'47"W	6.875		
6	T-Q, Q-R, R-S, S-T	N66°04'38"E	5.022	S23°55'23"E	20.155	S66°04'37"W	5.020	N23°5547"W	20.155		

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

YN, HOAT
10600 OLD HALLS FERRY RD

TOKPA, JEHIWU STEADY
10566 HALLS FERRY RD

EILAND, LATICA
ET AL T/C
10560 HALLS FERRY RD

TROUPE, WALLACE A
PHYLLIS M
6904/876
10554 HALLS FERRY RD

KING, CHERYLL
22891/154
10548 HALLS FERRY RD

MCKINNIES, MELVERT D
ANNIE B H/W
9849/13
10542 HALLS FERRY RD

THOMAS, TONY SR
& PATRICIA ANN T/E
23156/264
10536 HALLS FERRY RD

TI KC BRAVO LLC
10530 HALLS FERRY RD

MORRIS LEAH J
10524 HALLS FERRY RD

SURVEY ℄ OLD HALLS FERRY RD

340

10

345

STA. +25.60
60.66' LT.

STA. +25.25
55.64' LT.

TCE

STA. +84.14
57.07' LT.

STA. +83.89
52.04' LT.

TCE

STA. +89.13
56.86' LT.

TCE

STA. +47.84
54.55' LT.

STA. +47.70
49.53' LT.

STA. +54.58
54.37' LT.

TCE

EXIST. R/W

STA. +54.45
66.69' LT.

STA. +53.42
61.72' LT.

STA. +82.47
64.10' LT.

STA. +82.05
59.07' LT.

STA. +53.77
58.78' LT.

STA. +53.48
53.75' LT.

STA. +10.58
55.84' LT.

STA. +10.38
50.82' LT.

STA. +74.36
53.92' LT.

STA. +74.27
48.91' LT.

STA. +88.89
51.79' LT.

STA. +54.46
49.34' LT.

END STA 10+00.00

SURVEY ℄ ROUTE AC

MATCHLINE STA. 339+65

MATCHLINE STA. 345+15

EXIST. R/W

STA. 10+00.00 SURVEY ℄ OLD HALLS FERRY RD =
STA. 341+00.00 SURVEY ℄ ROUTE AC

CITY OF FERGUSON
10607 NEW HALLS FERRY RD

OLD HALLS FERRY RD #1
PI 8+78.34
PC 7+53.74
PT 10+00.00
Δ 21°32'28.1" (RT)
D 8°44'50.8"
L 246.26' (ARC)
T 124.60'
R 655.00'

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

WU, QINGHENG
10525 HALLS FERRY RD

OLD MANOR RD

STEWART, HAROLD
10511 HALLS
FERRY RD

SCALE
0 20 40 60

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

R/W PROPERTY DETAILS

3	TROUPE, WALLACE A & PHYLLIS M 6904/876 10554 HALLS FERRY RD.	147 SF(0.003 AC) TEMP. CONST. ESMT.	0.238 AC REMAINING
4	KING, CHERYLL 22891/154 10548 HALLS FERRY RD.	171 SF(0.004 AC) TEMP. CONST. ESMT.	0.230 AC REMAINING
5	MCKINNIES, MELVERT D & ANNIE B H/W 9849/13 10542 HALLS FERRY RD.	145 SF(0.003 AC) TEMP. CONST. ESMT.	0.224 AC REMAINING
6	THOMAS, TONY SR & PATRICIA ANN T/E 23156/264 10536 HALLS FERRY RD.	101 SF(0.002 AC) TEMP. CONST. ESMT.	0.202 AC REMAINING

ROUTE AC ROW
SHEET 03 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:54-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	35

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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R/W PROPERTY DETAILS			
7	SEAWAVES REAL ESTATE LLC 2024012900427 10468 HALLS FERRY RD.	VOID	
8	TAYLOR, ROBERT L 10261/610 10458 HALLS FERRY RD.	135 SF(0.003 AC) TEMP. CONST. ESMT.	0.256 AC REMAINING

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

SCALE
0 20 40 60

MORRIS, LEAH J
10524 HALLS FERRY RD

HAGENS, MELVIN & SHIRLEY H/W
10518 HALLS FERRY RD

VANCE, CLARENCE & HELEN H/W
10512 HALLS FERRY RD

HAIR ESSENCE LLC
10508 HALLS FERRY RD

SMITH, EARNEST LEE & LINDA FAYE H/W
2201 VORHOF DR

EXIST. R/W

VORHOF DR

SEAWAVES REAL ESTATE LLC
2024012900427
10468 HALLS FERRY RD

7

VOID
NO ACQUISITION

TAYLOR, ROBERT L
10261/610
10458 HALLS FERRY RD

8

℄ 350

MATCHLINE STA. 345+15

SURVEY ℄ ROUTE AC

EQUATION:
STA 349+37.80 BK = PT STA 349+43.28 R2
STA 349+43.27

S13°42'07"E

MATCHLINE STA. 350+65

CURVE #2
PI 342+09.64
PC 334+46.85
PT 349+43.28
Δ 29°49'56.1" (RT)
D 2°0'3.1"
L 1,490.97' (ARC)
T 762.79'
R 2,863.55'

GREEN SLOPE DR

EXIST. R/W

STEWART, HAROLD
10511 HALLS FERRY RD

JOHNATHON GRANT JACKSON LLC
10501 HALLS FERRY RD

MOHAMMAD, PARVEEN ET AL
2194 GREEN SLOPE DR

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 12)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
7	VOID										
7	VOID										
8	E-F, F-G, G-H, H-E	N76°17'53"E	5.000	S13°46'37"E	27.000	S76°17'53"W	5.000	N13°46'37"W	27.000		

ROUTE AC ROW
SHEET 04 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:21-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 13)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
9	VOID										
10	VOID										
11	I-J, J-K, K-L, L-I	N76°17'53"E	5.000	S13°42'37"E	26.000	S76°17'53"W	5.000	N13°42'37"W	26.000		
12	VOID										

SCALE
0 20 40 60

TAYLOR, ROBERT L
10261/610
10458 HALLS FERRY RD
8

KIPP CT

STOA ACQUISITIONS LLC
2023011000307
10448 HALLS FERRY RD
9

VOID
NO ACQUISITION

BUGGS, JEROME & WILSON, ANNETTE T/E
2023071800388
10438 HALLS FERRY RD
10

VOID
NO ACQUISITION

IBIS CT

ADAMS, DONALD
20234/740
10428 HALLS FERRY RD
11

VOID
NO ACQUISITION
PLAYA HOMES STL LLC
21660/1242
10418 HALLS FERRY RD
12

EXIST. R/W

TCE
STA. +01.23
50.31' LT.
STA. +01.23
45.31' LT.
355
STA. +27.23
50.31' LT.
STA. +27.23
45.31' LT.
J
K
I
L

MATCHLINE STA. 350+65

SURVEY ℄ ROUTE AC

S13°42'07"E

MATCHLINE STA. 356+15

MOHAMMAD, PARVEEN ET AL
2194 GREEN SLOPE DR

COOPER, GEORGE S &
LOIS MANSKO H/W
10443 HALLS FERRY RD

HARRIS, ROSALYN
10429 HALLS FERRY RD

EXIST. R/W

LAMBERT, NANCY A ET AL J/T
10421 HALLS FERRY RD

MILLER, JOHN & DONNA D H/W
10419 HALLS FERRY RD

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

R/W PROPERTY DETAILS

8	TAYLOR, ROBERT L 10261/610 10458 HALLS FERRY RD.	SEE ROW SHEET 04	
9	STOA ACQUISITIONS LLC 2023011000307 10448 HALLS FERRY RD.	VOID	
10	BUGGS, JEROME & WILSON, ANNETTE T/E 2023071800388 10438 HALLS FERRY RD.	VOID	
11	ADAMS, DONALD 20234/740 10428 HALLS FERRY RD.	130 SF(0.003 AC) TEMP. CONST. ESMT.	0.246 AC REMAINING
12	PLAYA HOMES STL LLC 21660/1242 10418 HALLS FERRY RD.	VOID	

ROUTE AC ROW
SHEET 05 OF 15

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:21-06'00'

DATE PREPARED 1/8/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 37
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 14)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
12	SEE ROW SHEET 05										
13	Q-R, R-S, S-T, T-Q	N76°56'44"E	5.000	S13°42'37"E	28.002	S76°56'44"W	5.000	N13°42'37"W	28.002		
14	U-V, V-Y, Y-W, W-X, X-Z	N76°17'23"E	5.000	S13°42'37"E	30.755	S13°42'37"E	3.361	S76°17'23"W	5.000	N13°42'37"W	3.467
14	Z-U	N13°42'37"W	30.649								

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

PLAYA HOMES STL LLC
21660/1242
10418 HALLS FERRY RD
12

FOSS CT

MCCAIN, DANIELLE M
2023070700017
10408 HALLS FERRY RD
13

CORNELL, JOHN
17339/3452
10400 HALLS FERRY RD
14

HUDSON DR

360

STA. 0+00.00 SURVEY ℄ HUDSON RD =
STA. 360+09.97 SURVEY ℄ ROUTE AC

CURVE #4
PI 360+30.34
PC 359+10.65
PT 361+50.01
Δ 1°11'48.5" (LT)
D 0°30'0.0"
L 239.36' (ARC)
T 119.68'
R 11,459.16'

BYAS, JULIA
10370 HALLS FERRY RD

EXIST. R/W

TCE
STA. +17.45
50.33' LT.
STA. +17.45
45.33' LT.
O
P

TCE
STA. +95.17
51.03' LT.
STA. +95.17
46.03' LT.
R
Q
S
T

STA. +80.04
52.28' LT.
STA. +23.04
51.37' LT.
STA. +80.14
47.28' LT.
STA. +23.05
46.37' LT.
TCE
V
U

STA. +10.65
52.88' LT.
STA. +14.03
52.95' LT.
STA. +14.13
47.96' LT.
STA. +10.65
47.88' LT.
Y
W
X
Z

PC STA 356+71.29 R2
PRC STA 359+10.65 R2
PT STA 361+50.01 R2

S13°42'07"E

SURVEY ℄ ROUTE AC

MATCHLINE STA. 356+15

MATCHLINE STA. 372+65

MILLER, JOHN & DONNA D H/W
10419 HALLS FERRY RD

CAMPBELL, ROBIN D
10401 HALLS FERRY RD

CURVE #3
PI 357+90.98
PC 356+71.29
PT 359+10.65
Δ 1°11'48.5" (RT)
D 0°30'0.0"
L 239.36' (ARC)
T 119.68'
R 11,459.16'

HUDSON DR

EXIST. R/W

NGUYE, LINH & NGUYET, BUI K T/E
10361 HALLS FERRY RD

HICKS, JAMES
10351 HALLS FERRY RD

SCALE
0 20 40 60

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

R/W PROPERTY DETAILS

12	PLAYA HOMES STL LLC 21660/1242 10418 HALLS FERRY RD.	SEE ROW SHEET 05	
13	MCCAIN, DANIELLE M 2023070700017 10408 HALLS FERRY RD.	140 SF(0.003 AC) TEMP. CONST. ESMT.	0.256 AC REMAINING
14	CORNELL, JOHN 17339/3452 10400 HALLS FERRY RD.	171 SF(0.004 AC) TEMP. CONST. ESMT.	0.215 AC REMAINING

ROUTE AC ROW
SHEET 06 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.12 10:19:41-06'00'

DATE PREPARED
1/12/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 17)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
15	A-B, B-C, C-D, D-A	N76°17'55"E	5.000	S13°42'05"E	41.000	S76°17'55"W	5.000	N13°42'05"W	41.000		
15	E-F, F-G, G-H, H-E	N76°17'55"E	5.000	S13°42'05"E	38.000	S76°17'55"W	5.000	N13°42'05"W	38.000		

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

INOLEM PRIDE LLC
10212 HALLS FERRY RD

ALLEN, HARVEY
10208 HALLS FERRY RD

YOUNG, HELEN J ET AL J/T
10200 HALLS FERRY RD

THE CLINIC DELIVERANCE AND WORSHIP CENTER
WILMA & THE MESSENGERS MINISTRIES
18732/2515
10192 HALLS FERRY RD

ST LOUIS RENTAL PROPERTIES LLC SERIES
10236 HALLS FERRY RD

375

EXIST. R/W

15

TCE

STA. +80.73
55.00' LT.

STA. +80.73
50.00' LT.

B

A

MATCHLINE STA. 361+65

SURVEY ℄ ROUTE AC

S13°42'05"E

MATCHLINE STA. 378+15

EXIST. R/W

HILL, ALBERTA
10227 HALLS FERRY RD

COBBS, EMANUEL L & SANDRA M H/W
10217 HALLS FERRY RD

FULLER, WARREN G JR
10201 HALLS FERRY RD

CAPITOL DR

SAN FRANCISCO TEMPLE COMPLEX CHRISTIAN A
10191 HALLS FERRY RD

SCALE
0 20 40 60

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

R/W PROPERTY DETAILS

15	THE CLINIC DELIVERANCE AND WORSHIP CENTER, WILMA & THE MESSENGERS MINISTRIES 18732/2515 10192 HALLS FERRY RD.	395 SF(0.009 AC) TEMP. CONST. ESMT.	5.694 AC REMAINING

ROUTE AC ROW
SHEET 07 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:55-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

SCALE
0 20 40 60

THE CLINIC DELIVERANCE AND WORSHIP CENTER
WILMA & THE MESSENGERS MINISTRIES
18732/2515
10192 HALLS FERRY RD

15

NATIONAL METAL RECYCLING CENTER
LOITERSTEIN IRWIN & SHERRE TRUSTEES
10150 HALLS FERRY RD

MATCHLINE STA. 378+15

TCE
STA. +21.73
55.00' LT.
STA. +21.73
50.00' LT.

C
D

EXIST. R/W

380

STA. +64.23
55.00' LT.
TCE
STA. +26.23
55.00' LT.

F
G
E
H

STA. +26.23
50.00' LT.
STA. +64.23
50.00' LT.

SURVEY ℄ ROUTE AC

S13°42'05"E

PC STA 381+96.23 R2
PT STA 382+88.73 R2

S13°23'35"E

MATCHLINE STA. 394+65

EXIST. R/W

SAN FRANCISCO TEMPLE
COMPLEX CHRISTIAN A
10191 HALLS FERRY RD

CURVE #5
PI 382+42.48
PC 381+96.23
PT 382+88.73
Δ 0°18'30.0" (RT)
D 0°20'0.0"
L 92.50' (ARC)
T 46.25'
R 17,188.69'

RIDGETOP MANOR LLC
2105 EMPIRE CT

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

R/W PROPERTY DETAILS

15	THE CLINIC DELIVERANCE AND WORSHIP CENTER, WILMA & THE MESSENGERS MINISTRIES 18732/2515 10192 HALLS FERRY RD.	SEE ROW SHEET 07

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 18)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
15	SEE ROW SHEET 07										

ROUTE AC ROW
SHEET 08 OF 15

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:55-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 40
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

R/W PROPERTY DETAILS		
16	LINDEN LEE'S FAMILY TRUST 21498/1133 10002 HALLS FERRY RD.	VOID
17	SEE ROW SHEET 11	
18	SEE ROW SHEET 12	
19	SEE ROW SHEET 11	
20	NICO TERRACE LP 23120/3662 9951 HALLS FERRY RD.	VOID

MATCHLINE STA. 8+00

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 21)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
16	VOID								
17	SEE ROW SHEET 11								
18	SEE ROW SHEET 12								
19	SEE ROW SHEET 11								
20	VOID								

LINDEN LEE'S FAMILY TRUST
21498/1133
10002 HALLS FERRY RD

16

VOID

NO ACQUISITION

EXIST. R/W

MKAM INC
10010 HALLS FERRY RD

395

MATCHLINE STA. 383+65

SURVEY ℄ ROUTE AC

S13°23'35"E

POT STA 397+70.82 R2

CHAMBERS RD

S77°37'10"W

PI STA 9+91.21

PI STA. 9+91.21 SURVEY ℄ CHAMBERS RD =
STA. 397+70.82 SURVEY ℄ ROUTE AC

S13°17'50"E

WALGREENS
ARG WLGREFI001 LLC
24252/163
2202 CHAMBERS RD

18

400

MATCHLINE STA. 400+15

STA. +17.21
86.48' LT.

STA. +23.32
86.38' LT.

STA. +23.00
67.47' LT.

STA. +30.92
63.50' LT.

STA. +44.87
56.50' LT.

PSE

TCE

STA. +43.48
63.50' LT.

STA. +43.48
56.50' LT.

STA. +43.54
50.00' LT.

STA. +16.95
70.00' LT.

STA. +36.63
50.00' LT.

P Q O R S T U V X W

10

STA. +22.41
50.00' RT.

STA. +64.67
50.00' RT.

AA

STA. +04.92
50.00' RT.

STA. +03.81
67.19' RT.

Y Z HH GG FF EE JJ SS II

TCE

NEW R/W

STA. +00.46
55.00' RT.

STA. +96.73
70.00' RT.

STA. +45.69
55.00' RT.

STA. +45.74
65.50' RT.

STA. +63.94
65.50' RT.

STA. +11.36
70.00' RT.

STA. +93.70
95.92' RT.

QQ RR

STA. +96.62
96.63' RT.

LL KK

STA. +02.73
105.33' RT.

STA. +95.44
103.55' RT.

CHAMBERS RD
N69°33'50"W

MATCHLINE STA. 11+50

EXIST. R/W

STA. +17.33
50.00' RT.

STA. +17.33
57.00' RT.

A J B I H C

TCE

STA.+92.15
50.00' RT.

STA. +88.74
57.00' RT.

STA. +98.60
69.58' RT.

STA.+07.39
69.44' RT.

17

M&I STL ESTATE LLC
24281/335
10005 HALLS FERRY RD

19

BRONSON REAL ESTATE LLC
2023051200436
2158 CHAMBERS RD

VOID

NO ACQUISITION

20

NICO TERRACE LP
23120/3662
9951 HALLS FERRY RD

LEGEND	
	EXIST. ROW (NORMAL ACCESS)
	EXIST. EASEMENT
	NEW R/W
	PERM. SIDEWALK EASEMENT (PSE)
	PERM. HIGHWAY EASEMENT (PHE)
	TEMP. CONSTRUCTION EASEMENT (TCE)

SCALE

0 20 40 60

ROUTE AC ROW
SHEET 09 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:22-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	41

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

R/W PROPERTY DETAILS			
18	WALGREENS, ARG WLGREFI001 LLC 24252/163 2202 CHAMBERS RD.	SEE ROW SHEET 12	
31	TREVON TRUST 2025041700273 2211 CHAMBERS RD.	217 SF(0.005 AC) TEMP. CONST. ESMT.	0.379 AC REMAINING

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

WALGREENS
ARG WLGREFI001 LLC
24252/163
2202 CHAMBERS RD

18

WALGREENS

EXIST. R/W

START STA 6+79.84

SURVEY ℄ CHAMBERS RD

S77°37'10"W

MATCHLINE STA. 8+00

STA. +30.64
272.73' LT.

STA. +29.87
229.26' LT.

STA. +24.87
229.35' LT.

A B C D

TCE

STA. +25.64
272.82' LT.

EXIST. R/W

31

TREVON TRUST
2025041700273
2211 CHAMBERS RD

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 22)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
18	SEE ROW SHEET 12										
31	A-B, B-C, C-D, D-A	S77°37'10"W	43.473	N12°22'50"W	5.000	N77°37'10"E	43.473	S12°22'50"E	5.000		

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ROUTE AC ROW
SHEET 10 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:55-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	42

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

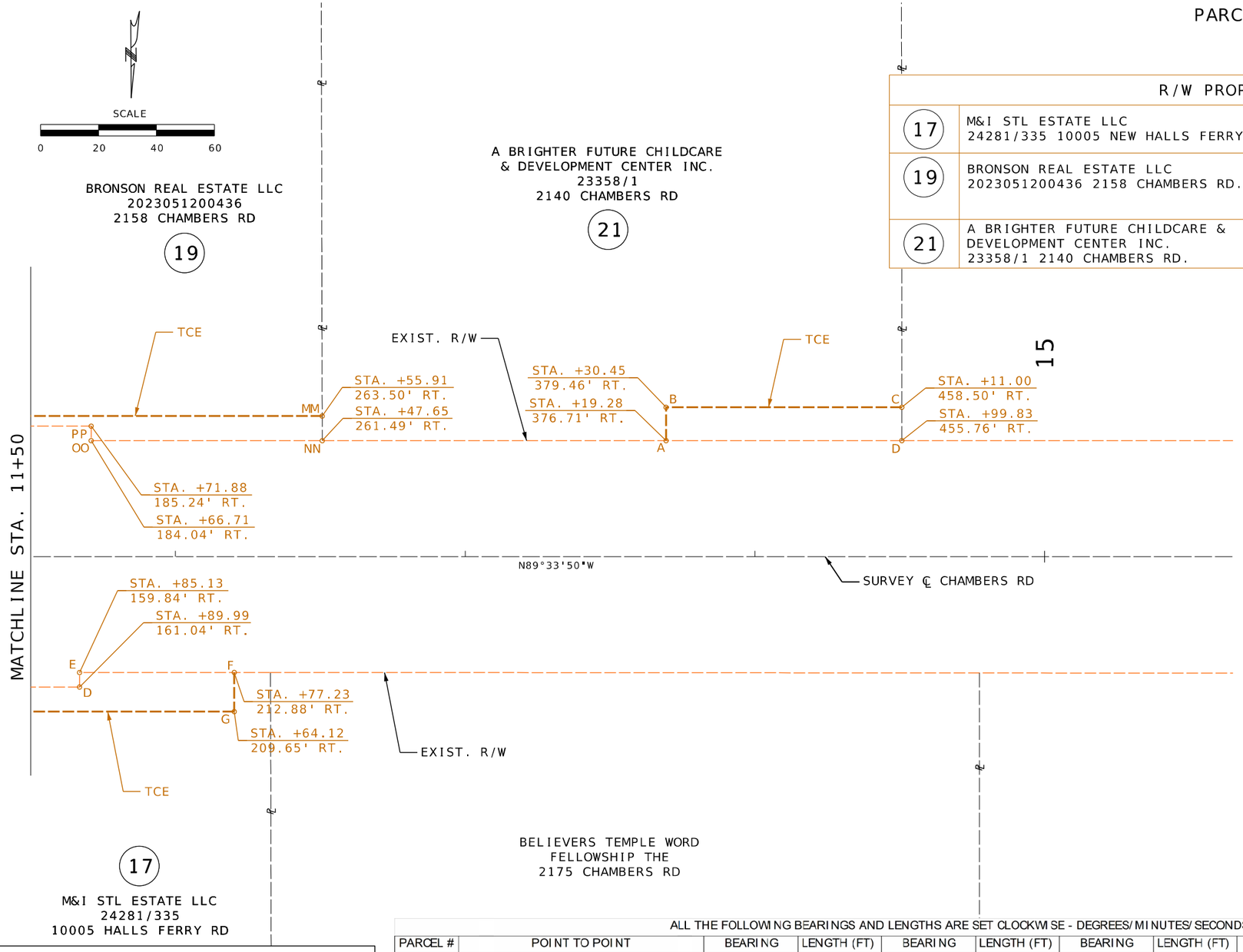
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0229171\025B_RW_J6S3569_I20_017A.dgn 12:01:40 PM 11/26/2025

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.



R/W PROPERTY DETAILS			
17	M&I STL ESTATE LLC 24281/335 10005 NEW HALLS FERRY RD.	2157 SF(0.050 AC) TEMP. CONST. ESMT.	0.728 AC REMAINING
19	BRONSON REAL ESTATE LLC 2023051200436 2158 CHAMBERS RD.	3540 SF(0.081 AC) TEMP. CONST. ESMT. 267 SF(0.006 AC) NEW R/W	0.997 AC REMAINING
21	A BRIGHTER FUTURE CHILDCARE & DEVELOPMENT CENTER INC. 23358/1 2140 CHAMBERS RD.	934 SF(0.021 AC) TEMP. CONST. ESMT.	1.154 AC REMAINING

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 23)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
17	A-B, B-C, C-D, D-E, E-F	S13°23'35"E	74.819	S38°31'29"W	24.697	N89°33'50"W	93.100	S00°26'10"W	5.000	N89°33'50"W	53.389
17	F-G, G-H, H-I, I-J, J-A	N00°26'10"E	13.500	S89°33'50"E	144.257	N38°31'29"E	15.976	N13°23'35"W	71.411	N76°36'25"E	7.000
19	Z-AA, AA-DD, DD-EE, EE-FF, FF-GG	S13°17'50"E	142.260	S79°23'27"W	5.006	S79°23'27"W	10.512	N13°17'50"W	18.200	N76°24'06"E	10.500
19	GG-HH, HH-II, II-JJ, JJ-KK, KK-LL	N13°17'50"W	45.227	N89°19'16"W	15.458	N13°17'50"W	85.363	N89°33'50"W	36.373	N00°26'10"E	7.500
19	LL-MM, MM-NN, NN-OO, OO-PP, PP-QQ	N89°33'50"W	164.684	N00°18'56"E	8.500	S89°33'50"E	79.759	S00°26'10"W	5.000	S89°33'57"E	91.943
19	QQ-RR, RR-SS, SS-Z	S00°26'10"W	3.000	S89°33'57"E	30.315	S56°02'11"E	25.322				
19	Y-Z, Z-SS, SS-RR, RR-QQ, QQ-Y	S13°17'50"E	17.487	N56°02'11"W	25.322	N89°33'57"W	30.315	N00°26'10"E	3.000	S89°33'57"E	47.272
21	A-B, B-C, C-D, D-A	S00°26'10"W	11.500	N89°33'50"W	81.396	N00°23'15"E	11.5	S89°33'50"E	81.406		

ROUTE AC ROW
SHEET 11 OF 15

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:22-06'00'

DATE PREPARED 1/8/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 43
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

SCALE
0 20 40 60

R/W PROPERTY DETAILS			
18	WALGREENS, ARG WLGREFI001 LLC 24252/163 2202 CHAMBERS RD.	1460 SF(0.034 AC) TEMP. CONST. ESMT. 928 SF(0.021 AC) PERM. SIDEWALK ESMT.	2.619 AC REMAINING
20	NICO TERRACE LP 23120/3662 9951 HALLS FERRY RD.	VOID	

WALGREENS
ARG WLGREFI001 LLC
24252/163
2202 CHAMBERS RD
18

STA. +32.51
50.00' LT
STA. +32.85
60.50' LT
TCE
STA. +01.38
60.50' LT.
STA. +01.38
50.00' LT.
A
B
C
D

WORD OF RESTORATION & DELIVERANCE MINIST
9930 HALLS FERRY RD

JOHNSON, LINDA D & HOWARD JR H/H
9918 HALLS FERRY RD

PATEL, JAYANTILAL S & KANTABEN J H/W
9916 HALLS FERRY RD

EXIST. R/W

405

MATCHLINE STA. 400+15

SURVEY ℄ ROUTE AC

S13°17'50"E

MATCHLINE STA. 416+65

VOID
NO ACQUISITION
20

NICO TERRACE LP
23120/3662
9951 HALLS FERRY RD

I & M SERVICES LLC
9941 HALLS FERRY RD

EXIST. R/W

GOLDSTEIN, MARILYN NOREEN
9929 HALLS FERRY RD

HECHT AVE

WILHITE, RALPH J JR
9917 HALLS FERRY RD

MCGEE, ROBERT J
& JOYCE A H/W
9905 HALLS FERRY RD

LEGEND
- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 24)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
18	A-B, B-C, C-D, D-A	N78°32'09"E	10.505	S13°17'50"E	68.529	S76°42'10"W	10.500	N13°17'50"W	68.865		
18	O-P, P-Q, Q-R, R-S, S-T	N77°37'10"E	16.483	S12°19'32"E	6.109	S77°40'29"W	18.911	S13°20'09"W	8.357	S13°20'09"W	15.616
18	T-U, U-V, V-W, W-O	S13°17'50"E	98.606	S76°12'25"W	6.500	N13°17'50"W	106.905	N32°09'36"E	28.063		
18	S-X, X-U, U-T, T-S	S13°17'50"E	112.565	S76°42'10"W	7.000	N13°17'50"W	98.606	N13°20'09"E	15.616		
20	VOID										

ROUTE AC ROW
SHEET 12 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:22-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	44

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 27)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
22	VOID										
23	I-J, J-K, K-L, L-I	N76°42'10"E	13.000	S13°17'50"E	41.000	S76°42'10"W	13.000	N13°17'50"W	41.000		
24	A-B, B-C, C-D, D-A	S13°17'50"E	61.000	S76°42'10"W	5.000	N13°17'50"W	61.000	N76°42'10"E	5.000		
25	M-N, N-Q, Q-R, R-M	S13°17'50"E	25.466	S76°42'04"W	8.000	N13°17'50"W	25.466	N76°42'04"E	8.000		
25	T-U, U-V, V-X, X-Y, Y-T	S13°17'50"E	43.345	R = 47.003	5.889	S73°53'52"W	6.639	N13°17'50"W	49.543	N76°42'04"E	7.000
25	V-W, W-X, X-V	R = 47.003	20.092	N13°17'50"W	18.480	N73°53'52"E	6.639				
26	N-O, O-P, P-Q, Q-N	S13°17'50"E	45.613	S76°42'10"W	8.000	N13°17'50"W	45.612	N76°42'04"E	8.000		
26	S-T, T-Y, Y-Z, Z-S	S13°17'50"E	15.392	S76°42'04"W	7.000	N13°17'50"W	15.392	N76°42'08"E	7.000		

SCALE
0 20 40 60

ST LOUIS COUNTY MISSOURI
9868 HALLS FERRY RD

UNION ELECTRIC COMPANY
9864 HALLS FERRY RD

JANG, BOON & BAI, CONNIE H/W
15767/1840
9862 HALLS FERRY RD

VOID
NO ACQUISITION

22

POPEYES
SVC ABS LLC
2023031600322
9854 HALLS FERRY RD

23

ST LOUIS
COUNTY
9840 HALLS
FERRY RD

EXIST. R/W

TCE

STA. +47.64
58.00' LT.

STA. +47.64
45.00' LT.

STA. +88.64
58.00' LT.

STA. +88.64
45.00' LT.

J K I L

420

MATCHLINE STA. 405+65

MATCHLINE STA. 421+50

SURVEY ℄ ROUTE AC

S13°17'50"E

STA. +45.89
45.00' RT.

A B D C

STA. +04.29
45.00' RT.

STA. +04.29
50.00' RT.

STA. +65.29
45.00' RT.

STA. +65.29
50.00' RT.

TCE

EXIST. R/W

GALAXY HOLDINGS LLC
24588/5894
9861 HALLS FERRY RD

24

M N O S T

STA. +92.42
45.00' RT.

STA. +92.42
53.00' RT.

TCE

STA. +17.89
45.00' RT.

STA. +17.89
53.00' RT.

R Q P Z Y

STA. +63.50
45.00' RT.

STA. +30.50
45.00' RT.

STA. +30.50
52.00' RT.

TCE

STA. +45.89
52.00' RT.

BURNS, BETTY J
9859 HALLS FERRY RD

25

MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

STA. +63.50
53.00' RT.

26

HALLS FERRY AUTO
WALLACE VINCENT C
19815/2836
9843 HALLS FERRY RD

25

MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

R/W PROPERTY DETAILS

22	JANG, BOON & BAI, CONNIE H/W 15767/1840 9862 HALLS FERRY RD.	VOID	
23	POPEYES, SVC ABS LLC 2023031600322 9854 HALLS FERRY RD.	533 SF(0.012 AC) TEMP. CONST. ESMT.	1.744 AC REMAINING
24	GALAXY HOLDINGS LLC 24588/5894 9861 HALLS FERRY RD.	305 SF(0.007 AC) TEMP. CONST. ESMT.	0.987 AC REMAINING
25	MBM TRANSPORTATION LLC 24856/390 9845 HALLS FERRY RD.	549 SF(0.013 AC) TEMP. CONST. ESMT. 76 SF(0.002 AC) PROP. SIDEWALK ESMT.	0.606 AC REMAINING
26	HALLS FERRY AUTO, WALLACE VINCENT C 19815/2836 9483 HALLS FERRY RD.	473 SF(0.011 AC) TEMP. CONST. ESMT.	0.386 AC REMAINING

LEGEND

- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ROUTE AC ROW
SHEET 13 OF 15

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:22-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	45

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0229171\030B_RW_J6S3569_I20_021.dgn 9:04:01 AM 1/8/2026

LEGEND	
EXIST. ROW (NORMAL ACCESS)	
EXIST. EASEMENT	
NEW R/W	
PERM. SIDEWALK EASEMENT (PSE)	
PERM. HIGHWAY EASEMENT (PHE)	
TEMP. CONSTRUCTION EASEMENT (TCE)	

R/W PROPERTY DETAILS			
25	MBM TRANSPORTATION LLC 24856/390 9845 HALLS FERRY RD.	SEE ROW SHEET 13	
27	GREEN, JACKIE 15174/181 9833 HALLS FERRY RD.	931 SF(0.021 AC) TEMP. CONST. ESMT.	0.832 AC REMAINING
28	WILLIAM C HARRIS FD LLC 21153/484 9825 HALLS FERRY RD.	VOID	

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

SCALE
0 20 40 60

ST LOUIS COUNTY
9840 HALLS FERRY RD

VIACOM OUTDOOR INC
9838 HALLS FERRY RD

KEEPING THE FAITH EMPOWERMENT CENTER
9836 HALLS FERRY RD

KEEPING THE FAITH EMPOWERMENT CENTER
9834 HALLS FERRY RD

KEEPING THE FAITH EMPOWERMENT CENTER
9826 HALLS FERRY RD

KEEPING THE FAITH EMPOWERMENT CENTER
9822 HALLS FERRY RD

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'

425

EXIST. R/W

MATCHLINE STA. 421+50

PC STA 422+63.95 R2

MATCHLINE STA. 426+60

SURVEY ℄ ROUTE AC

S13°17'50"E

0

STA. +89.23
45.00' RT.

STA. +95.11
45.37' RT.

U V W X

TCE

STA. +95.43
52.00' RT.

PSE

STA. +13.91
52.00' RT.

LUCAS HUNT RD

S84°17'52"W

STA. +72.79
45.05' RT.

A B K

STA. +75.32
45.00' RT.

J I

STA. +23.96
50.01' RT.

STA. +72.83
50.13' RT.

STA. +23.97
58.00' RT.

STA. 0+00.00 SURVEY ℄ LUCAS HUNT RD =
STA. 422+89.29 SURVEY ℄ ROUTE AC

G H TCE

C F

STA. +92.51
45.00' RT.

EXIST. R/W

STA. +92.01
50.02' RT.

STA. +64.63
50.01' RT.

STA. +64.58
58.00' RT.

VOID
NO ACQUISITION

WILLIAM C HARRIS FD LLC
9819 HALLS FERRY RD

25
MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

27
GREEN, JACKIE
15174/181
9833 HALLS FERRY RD

28
WILLIAM C HARRIS FD LLC
21153/484
9825 HALLS FERRY RD

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 28)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
25	SEE ROW SHEET 13										
27	A-B, B-C, C-F, F-G, G-H	R = 65.000	2.552	R = 5774.600	118.110	S81°10'38"W	5.042	N15°25'19"W	27.528	S75°05'19"W	7.993
27	H-I, I-J, J-K, K-A	N15°06'01"W	41.017	N75°00'58"E	7.992	N14°46'42"W	51.578	N75°10'06"E	5.080		
28	VOID										

ROUTE AC ROW
SHEET 14 OF 15

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:22-06'00'

DATE PREPARED 1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	46

COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

NOTE: FOR PROPERTIES WITH NO LISTED PARCEL #, NO ACQUISITION TO BE MADE.

R/W PROPERTY DETAILS			
29	UNITED STATES POSTAL SERVICE 7112/2239 9810 HALLS FERRY RD.	VOID	1.903 AC REMAINING
30	FRANKS, LAMONT 24603/33 9800 HALLS FERRY RD.	205 SF(0.005 AC) TEMP. CONST. ESMT.	1.285 AC REMAINING

SCALE
0 20 40 60

VOID
NO ACQUISITION
UNITED STATES POSTAL SERVICE
7112/2239
9810 HALLS FERRY RD
29

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'

FRANKS, LAMONT
24603/33
9800 HALLS FERRY RD
30

ST LOUIS COUNTY
9750 HALLS FERRY RD

ST LOUIS COUNTY
9750 HALLS FERRY RD

STA. +54.75
50.00' LT.

STA. +54.75
45.00' LT.

TCE

STA. +96.08
50.00' LT.

STA. +96.07
45.00' LT.

J K I L

430

MATCHLINE STA. 426+60

SURVEY ℄ ROUTE AC

EXIST. R/W

WILLIAM C HARRIS
FD LLC
9819 HALLS
FERRY RD

GLICK, ELEANOR B TRUSTEE
9815 HALLS FERRY RD

PATEL, AMRUT
9813 HALLS FERRY RD

SAM'S MARKET
SHAKER ALI
9807 HALLS FERRY RD

METROPOLITAN ST LOUIS
SEWER DISTRICT
9805 HALLS FERRY RD

CITY OF JENNINGS
9575 MARVELINE DR

LEGEND
- EXIST. ROW (NORMAL ACCESS)
- EXIST. EASEMENT
- NEW R/W
- PERM. SIDEWALK EASEMENT (PSE)
- PERM. HIGHWAY EASEMENT (PHE)
- TEMP. CONSTRUCTION EASEMENT (TCE)

ALL THE FOLLOWING BEARINGS AND LENGTHS ARE SET CLOCKWISE - DEGREES/MINUTES/SECONDS (SHEET 29)

PARCEL #	POINT TO POINT	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)	BEARING	LENGTH (FT)
29	VOID										
30	I-J, J-K, K-L, L-I	N69°44'38"E	5.000	S20°24'42"E	40.966	S69°25'53"W	5.000	R = 5684.600	40.994		

ROUTE AC ROW
SHEET 15 OF 15

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:56-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	47

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

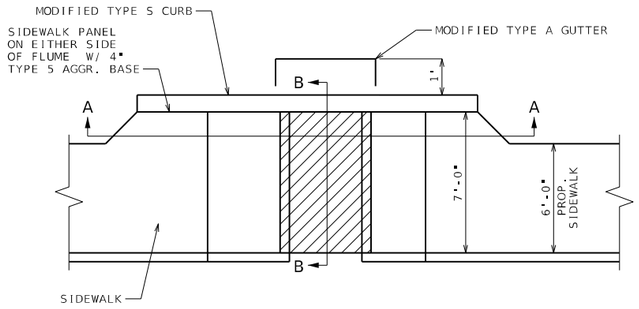
BRIDGE NO.

DESCRIPTION	DATE

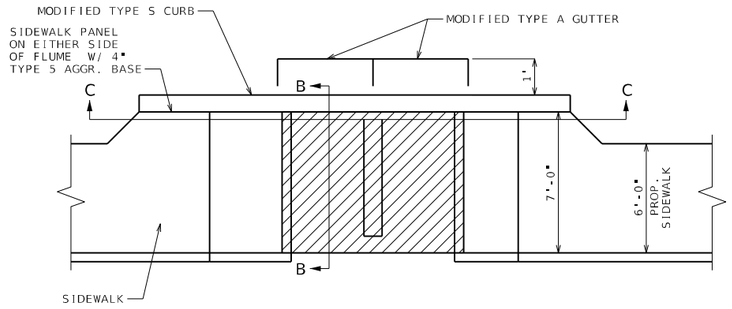
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
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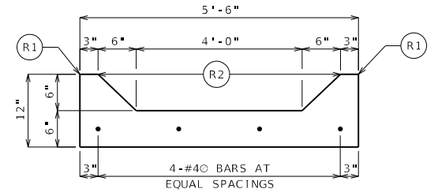
c:\bmcd_lib\pw_connect\trn\d0229171\032B_RW_J6S3569_I20_023.dgn 12:03:05 PM 11/26/2025



PLAN
(SIDEWALK AT BACK OF CURB)



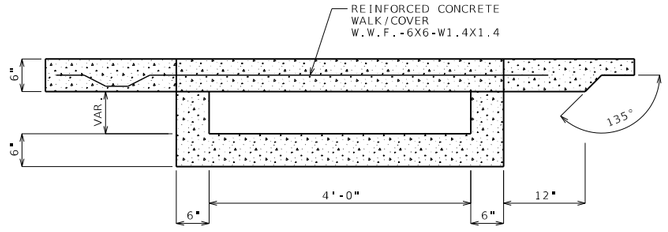
PLAN
(SIDEWALK AT BACK OF CURB)



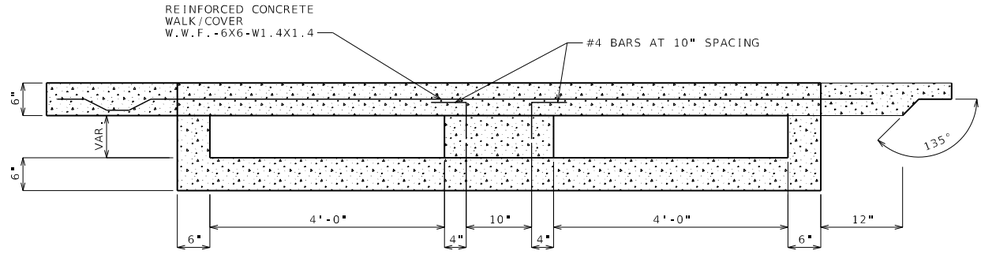
MODIFIED TYPE A GUTTER

LEGEND

(R1) ROUND TO $\frac{1}{4}$" RADIUS.
(R2) ROUND TO $\frac{3}{4}$" RADIUS.



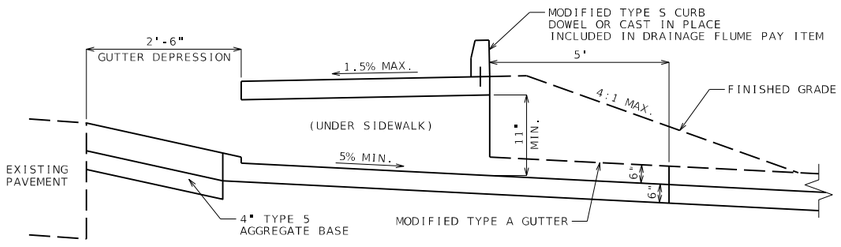
SECTION A-A



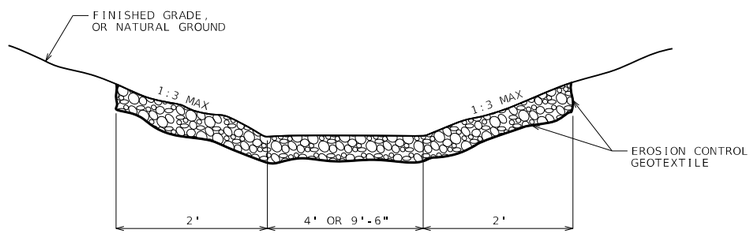
SECTION C-C

7 FT X 4 FT DRAINAGE FLUME DEATILS (OPEN)

7 FT X 8 FT DRAINAGE FLUME DEATILS (OPEN)



SECTION B-B



TYPE 1 ROCK DITCH LINER

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:56-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	48

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

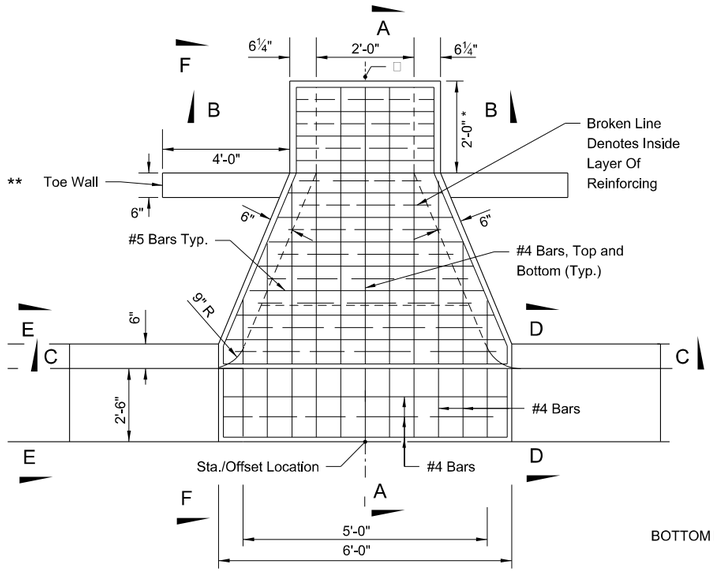
PROJECT NO.

BRIDGE NO.

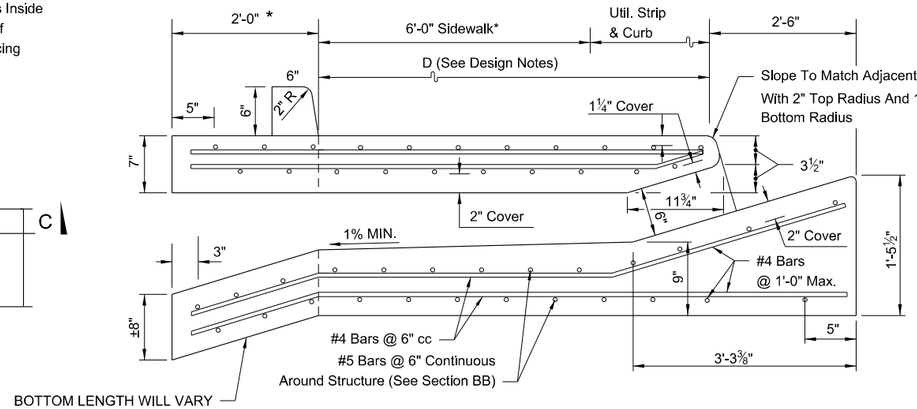
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
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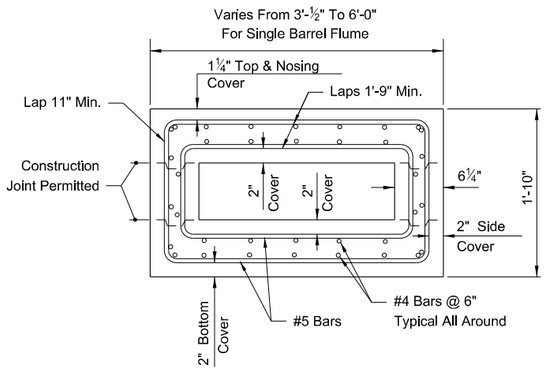
TOP VIEW



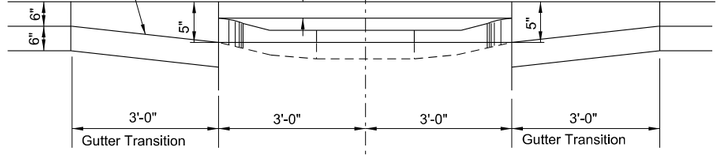
SECTION AA

* Sloped Section to be used w/sidewalk applications only.

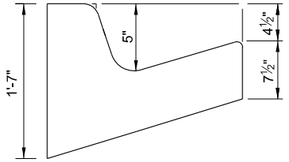
** Toe Walls as depicted to be used with sidewalk application only.



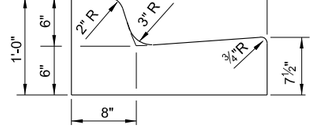
SECTION BB



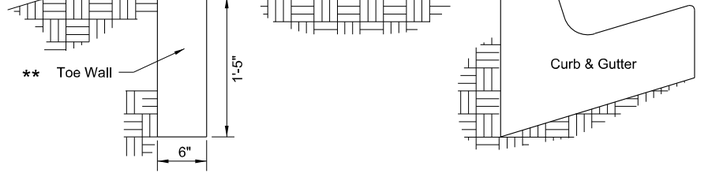
SECTION CC



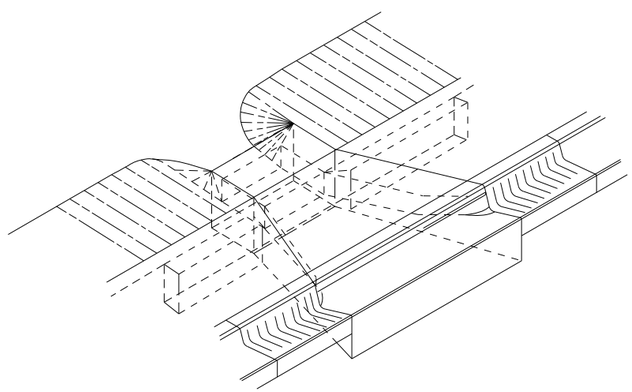
SECTION DD



SECTION EE
(Curb And Gutter Type B)



SECTION FF



FLUME W/SIDEWALK INLET (CLOSED FLUME) TYPE I
SINGLE BARREL FLUME DEPICTED

GENERAL NOTES

1. The finished grade and slope of the inlet top are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.
2. When inlets are to be constructed on a curve, refer to the plans to determine the radius and, where necessary, modify the inlet details accordingly. Bend steel when ecessary.
3. All steel shall have 2" minimum cover unless otherwise shown. Inlets can be either cast-in-place or precast concrete. Chamfer all exposed edges ¾".
4. All reinforcement is ASTM A615/A615M Grade 60 steel, either smooth or deformed. Equivalent area grade 40 steel or 65 ksi welded wire fabric may be substituted.
5. Inlets to be paid for under the contract unit price for Inlets (Closed Flume) EA.

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ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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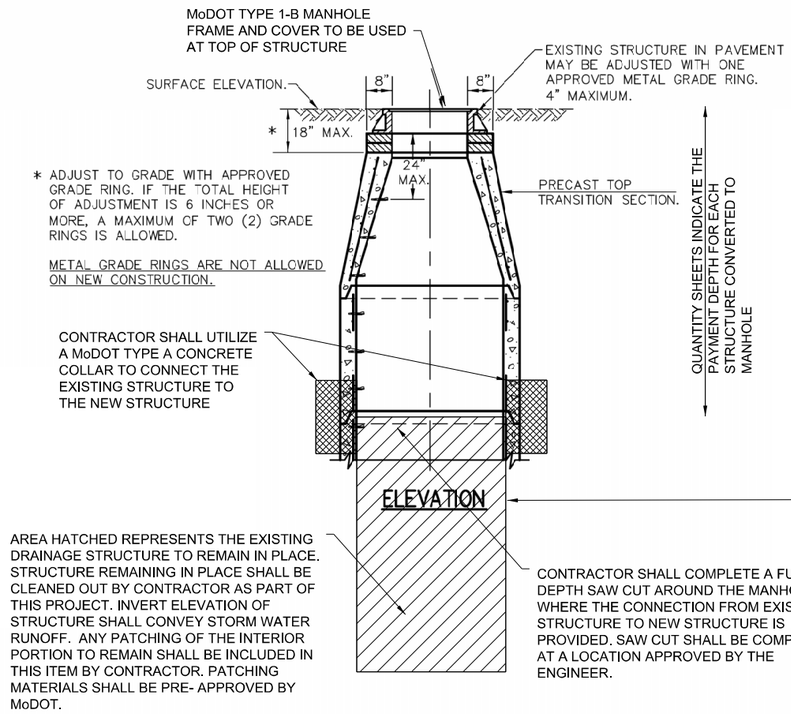
DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	49

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



NOTES:

1) IF BRICK IS USED DO NOT PLASTER INSIDE OF MANHOLE.
2) IF MANHOLE IS BURIED MORE THAN 18 INCHES, A RISER SECTION WILL HAVE TO BE ADDED.
3) DIMENSION "A" STOCK GRADE RING HEIGHT OPTIONS. (3 INCHES MINIMUM TO 11 INCHES MAXIMUM.)
4) DIMENSION "B" STOCK RISER SECTION HEIGHT OPTIONS. (12 INCH, 24 INCH, 36 INCH AND 48 INCH)

CONVERT DROP INLET TO MANHOLE DETAIL

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ROUTE AC SPECIAL
SHEET 03 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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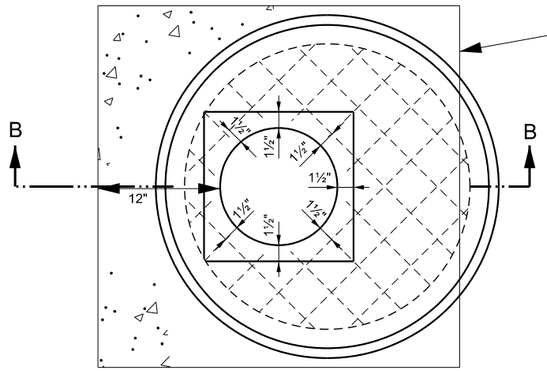
DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	50

COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

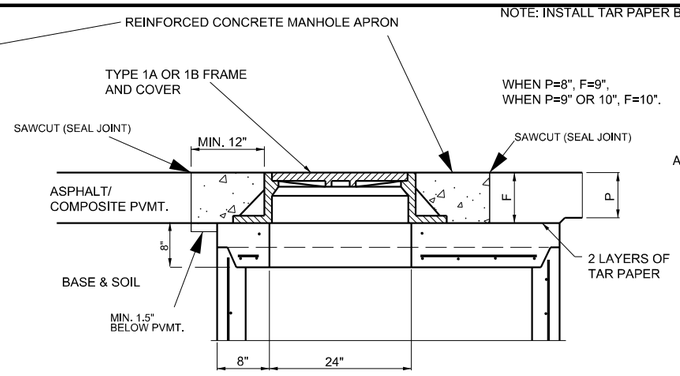
DESCRIPTION	DATE

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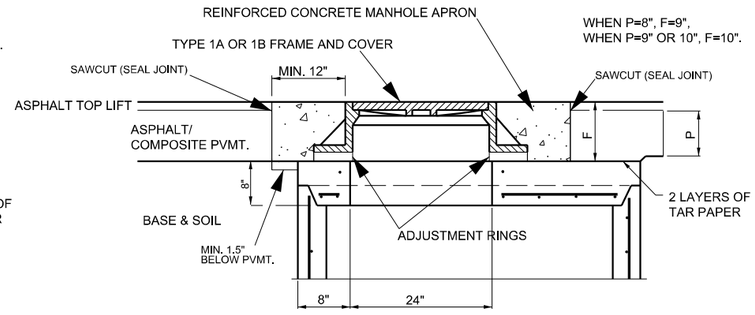
PLAN OF FLAT SLAB MANHOLE TOP

NOTE: INSTALL TAR PAPER BETWEEN FRAME & COVER AND THE NEW CONCRETE MANHOLE APRON AS DIRECTED BY THE ENGINEER.



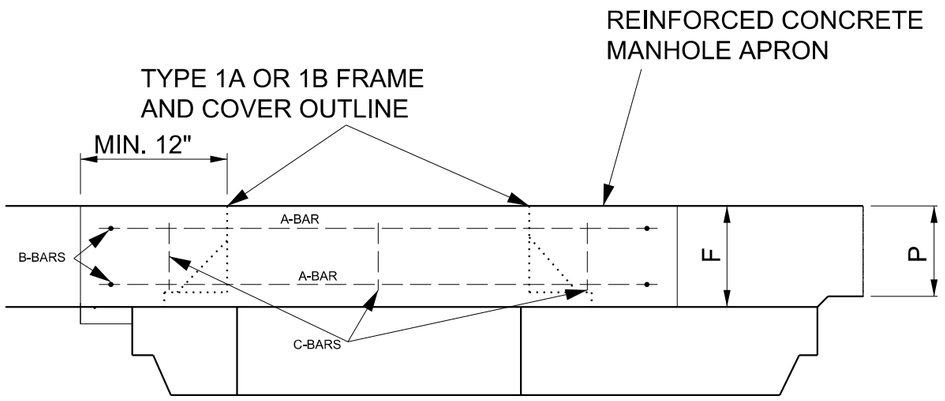
FLAT SLAB MANHOLE TOP (PAVED AREA)

SECTION B-B



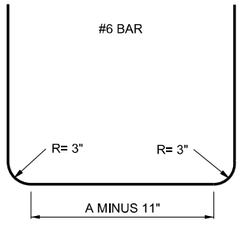
FLAT SLAB MANHOLE TOP (PAVED AREA) W/ ADJUSTMENT RINGS NEXT TO ASPHALT OVERLAY

SECTION B-B



SECTION B-B

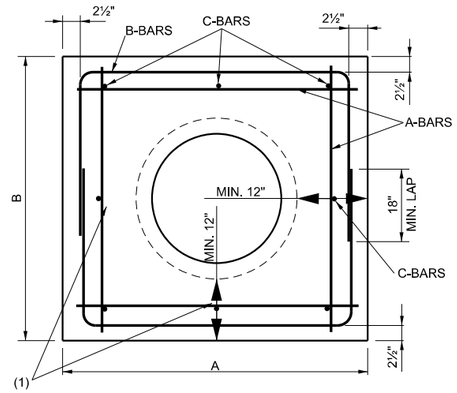
APRON REINFORCEMENT DETAIL



FOR MANHOLE APRON

BENDING DIAGRAM FOR B-BARS

(1) PROVIDE MIN. 4.75" CLEARANCE BETWEEN REINFORCING & MANHOLE FRAME & COVER OR CIRCULAR PRECAST MANHOLE.



TOP VIEW OF MANHOLE APRON WITH REINFORCEMENT

NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE APRON CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF APRON. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6". BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5" CLEARANCE TO EDGE OF APRON.

GENERAL NOTES:

1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.

2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.

3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER THAN OR EQUAL TO 9".

4. PAYMENT FOR REINFORCED CONCRETE MANHOLE APRON SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.

5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 12" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 12".

6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE APRON AFTER CONSTRUCTION. THE MIN. WIDTH SHALL BE 12" BUT MAY VARY. THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE APRON.

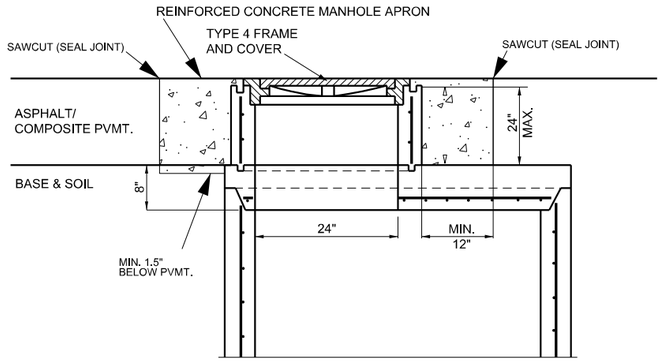
7. CONCRETE USED FOR MANHOLE APRON SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.

8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.

9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.

10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.

11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW APRON AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.



ALTERNATE MANHOLE TOP

ROUTE AC SPECIAL
SHEET 04 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:57-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	51

COUNTY: ST. LOUIS

JOB NO.: J6S3569

CONTRACT ID.

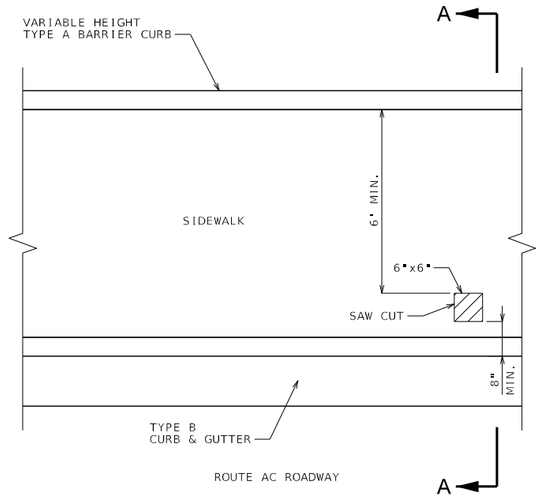
PROJECT NO.

BRIDGE NO.

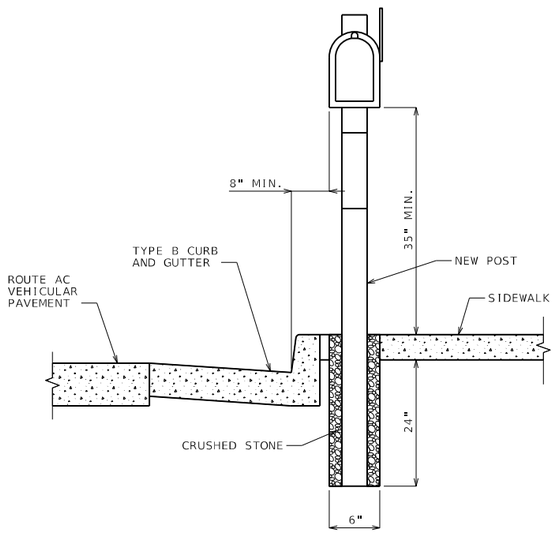
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

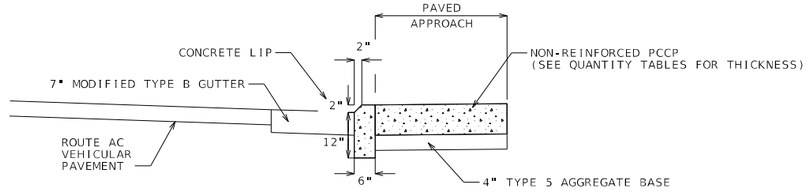


PLAN

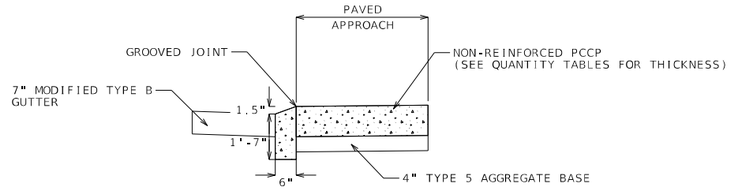


SECTION A-A

MAILBOX INSTALLATION DETAIL

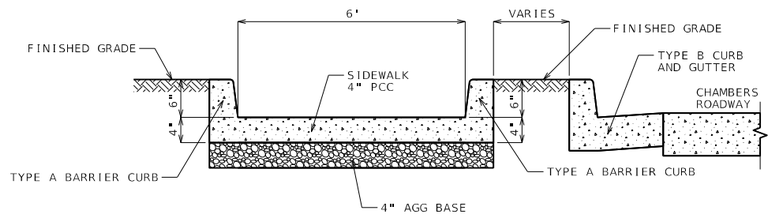


LOW VOLUME ENTRANCE SPECIAL MOUNTABLE
CONCRETE CURB DETAIL

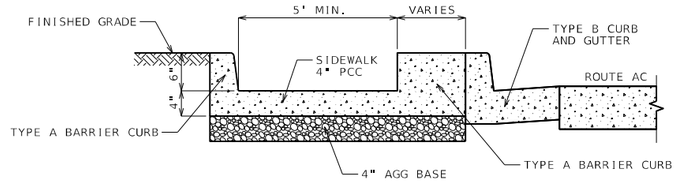


HIGH VOLUME ENTRANCE SPECIAL MOUNTABLE
CONCRETE CURB DETAIL

NOTE:
SPECIAL MOUNTABLE CURB SHALL BE BUILT WITH THE PAVED APPROACHES AT NO DIRECT PAY. NOT FOR USE AT SIDE ROADS. SEE QUANTITY TABLE FOR LOCATIONS.



DETAIL A



DETAIL B

ADA SIDEWALK AND CURB RAMP DETAILS

ROUTE AC SPECIAL
SHEET 05 OF 21

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:57-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	52

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

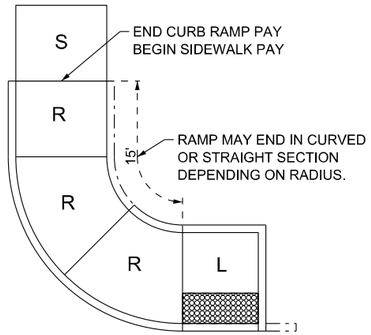
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

REV.

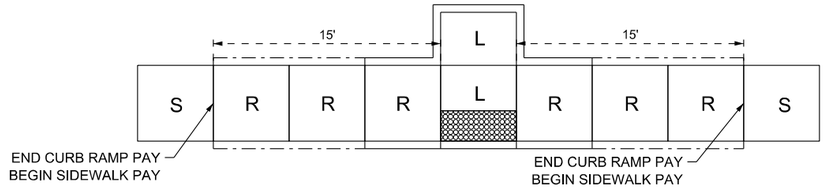
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PEDESTRIAN CURB RAMP PAY LIMITS

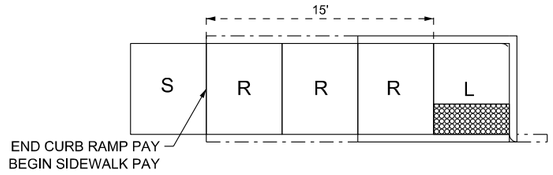


TYPE 1 PARALLEL

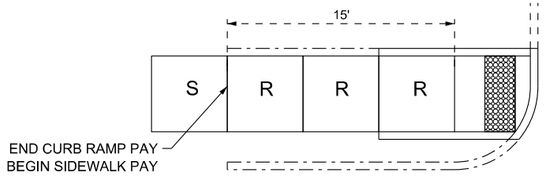
THE LENTH OF THIS RAMP SHALL BE MEASURED ON THE INSIDE/SHORT SIDE OF THE CURVE



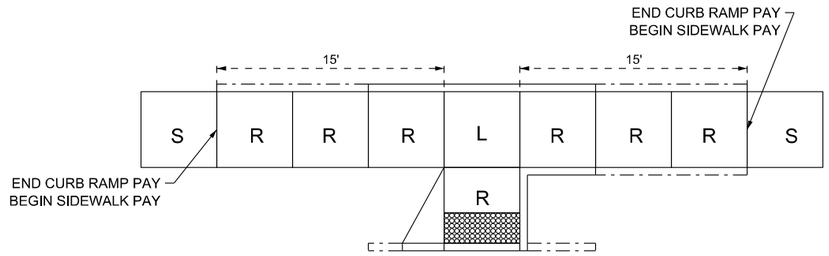
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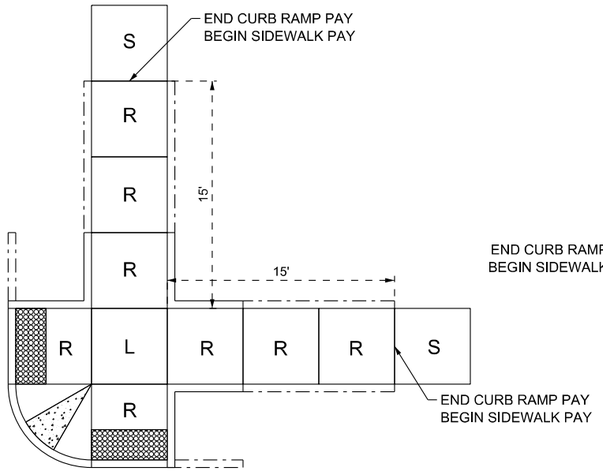
TYPE 3 PARALLEL



SMALL RADIUS PERPENDICULAR

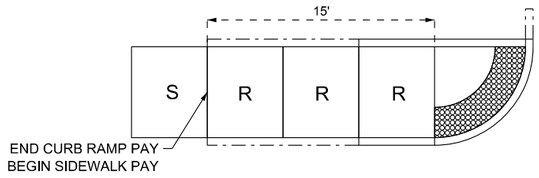


COMPOUND PERPENDICULAR

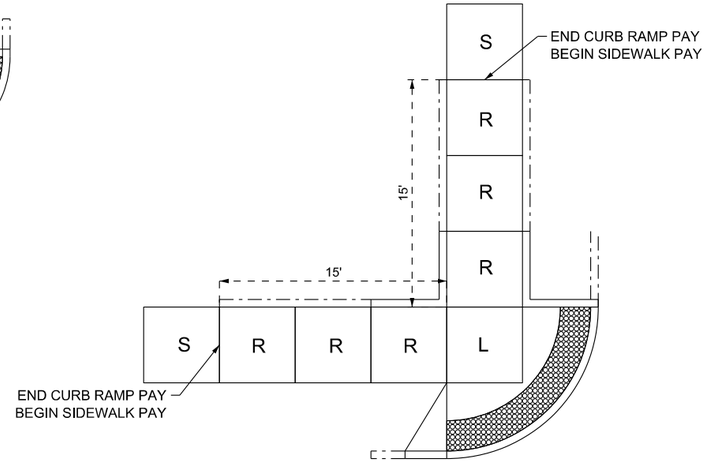


DUAL PERPENDICULAR

PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION

PAY AS 2 EACH

Notes -
15 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L - LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS.
R - PAY AS RAMP
S - PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENTIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:57-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 53
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

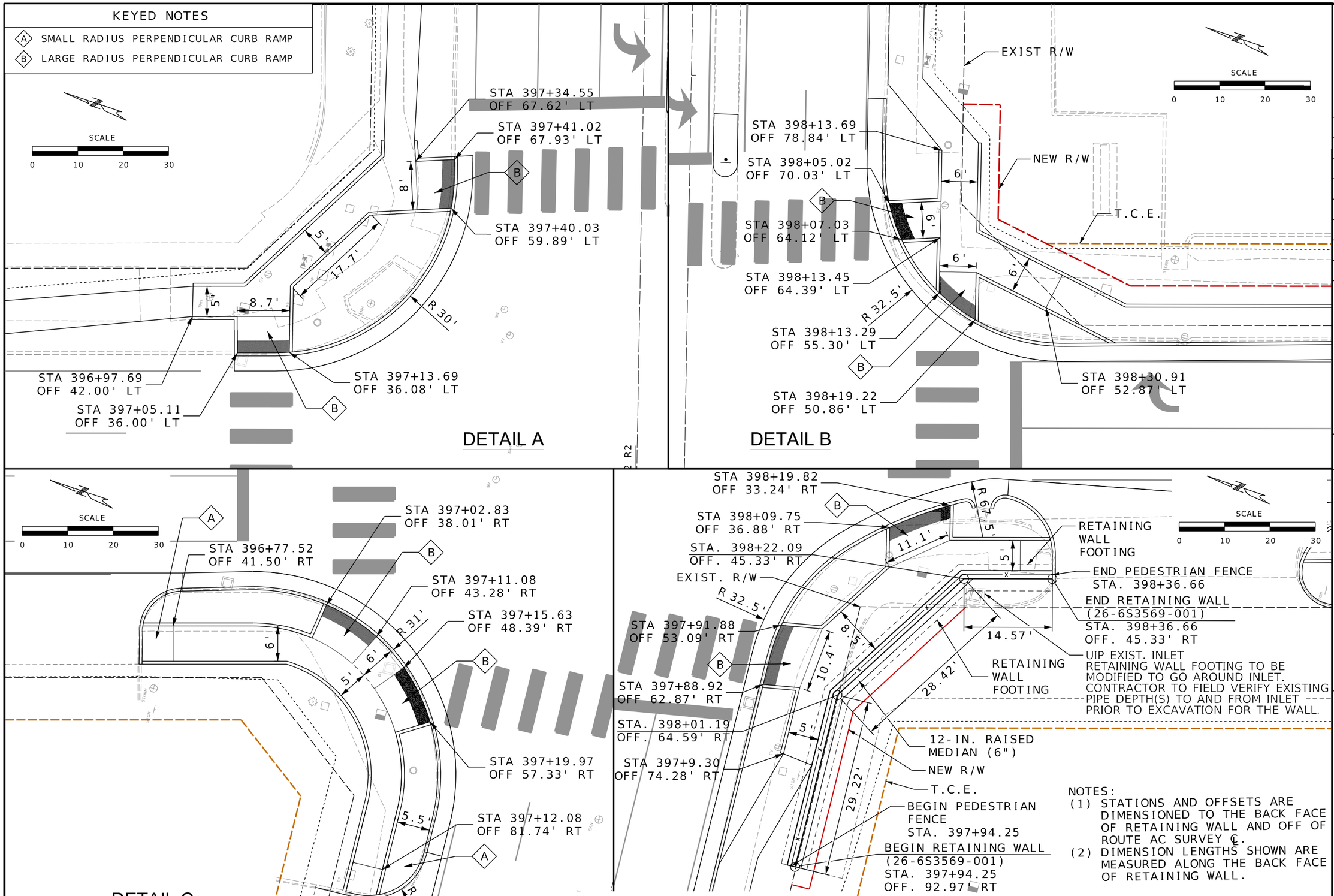
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

KEYED NOTES

A — SMALL RADIUS PERPENDICULAR CURB RAMP

B — LARGE RADIUS PERPENDICULAR CURB RAMP



NOTES:
(1) STATIONS AND OFFSETS ARE DIMENSIONED TO THE BACK FACE OF RETAINING WALL AND OFF OF ROUTE AC SURVEY ℄.
(2) DIMENSION LENGTHS SHOWN ARE MEASURED ALONG THE BACK FACE OF RETAINING WALL.

ADA CURB RAMP DETAILS

ROUTE AC SPECIAL
SHEET 07 OF 21

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
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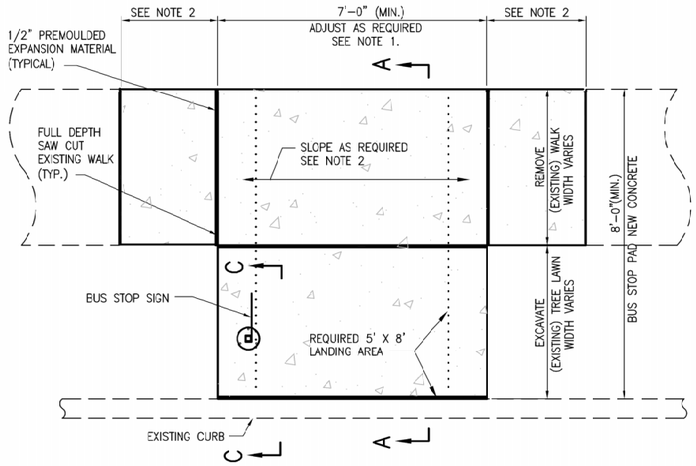
DATE PREPARED: 11/26/2025
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 54
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE
REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

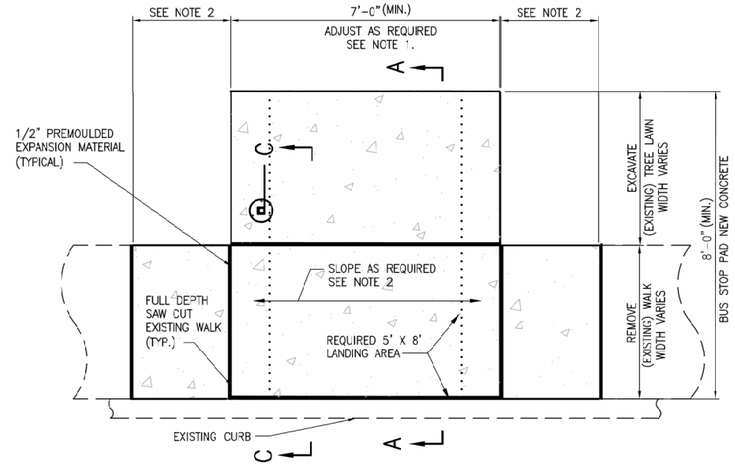
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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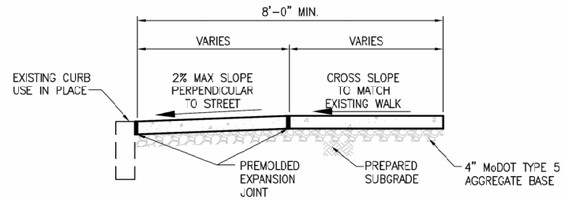
TYPE 1 IMPROVEMENT

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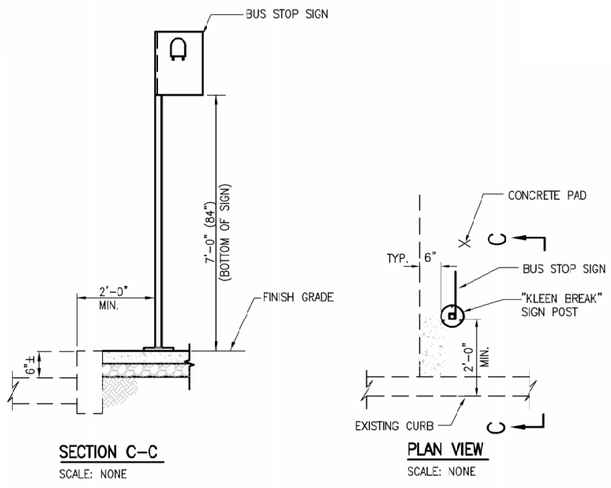
TYPE 2 IMPROVEMENT

NONE



SECTION A–A

NONE



SECTION C–C

SCALE: NONE

PLAN VIEW

SCALE: NONE

TYP. SIGN & POST DETAIL

SCALE: NONE

GENERAL NOTES:

1. NEW CONCRETE BUS STOP PAD:
   - 1A. DIMENSIONS: BUS STOP BOARDING AND ALIGHTING AREAS SHALL PROVIDE A CLEAR LENGTH OF 8'–0" MINIMUM, MEASURED PERPENDICULAR TO THE CURB OR VEHICLE ROADWAY EDGE, AND 7'–0" MINIMUM MEASURED PARALLEL TO THE VEHICLE ROADWAY.
   - 1B. SLOPE: PARALLEL TO THE ROADWAY, THE SLOPE OF THE BUS STOP BOARDING AND ALIGHTING AREA SHALL BE THE SAME AS THE ROADWAY, TO THE MAXIMUM EXTENT PRACTICABLE. PERPENDICULAR TO THE ROADWAY, THE SLOPE OF THE BUS STOP BOARDING AND ALIGHTING AREA SHALL NOT BE STEEPER THAN 2% MAX.
2. MODIFY EXISTING SIDEWALK SLOPE AS REQUIRED TO COMPLY WITH LOCAL CODES TO MEET WITH NEW BUS STOP PAD TO NEAREST SIDEWALK JOINT.
3. ALL FULL DEPTH SAW CUTS TO BE MADE AT EXISTING SIDEWALK JOINTS.
4. COMPLETE TOP SOIL BACKFILL, COMPACTION, FINISH GRADING, AND SEEDING/SODDING.
5. DO NOT PLACE CONCRETE ANCHORS FOR BENCH OR SIGN POST LESS THAN SIX (6) INCHES FROM EDGE OF CONCRETE.
6. ALL NEW CONCRETE SIDEWALK SLABS WILL BE 4" THICK. BUS STOP PADS 6" THICK WITH 4" MoDOT TYPE 5 AGGREGATE BASE.
7. SEE ST. LOUIS COUNTY STANDARD DRAWING C902.20 "METROBUS STOP/NO PARKING SIGN INSTALLATION" FOR SIGN PLACEMENT.

REV	DATE	BY	APP.	DESCRIPTION

DESIGNED:
DRAWN:
CHECKED:
APPROVED:
DATE:

DATE:

DISCLAIMER OF RESPONSIBILITY

I hereby specify that ths cocuments intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the architectural or engineering project or survey.

CITY OF ST. LOUIS ADA METROBUS STOP ENHANCEMENT IMPROVEMENT DETAILS

A Bi-State Development Enterprise

Metro®
211 N. Broadway | Suite 700 | St. Louis, MO | 63102-2595
314 - 982 - 1400 | metrostlouis.org

ADA ENHANCEMENT METRO BUS STOP DETAILS

REFERENCE
04/15/19
CONTRACT NO. UNASSIGNED
FILENAME CTYSTL-ADA BUS STOP 1
SHEET NO. DETAIL "A-1"

ROUTE AC SPECIAL
SHEET 08 OF 21

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:57-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	55

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

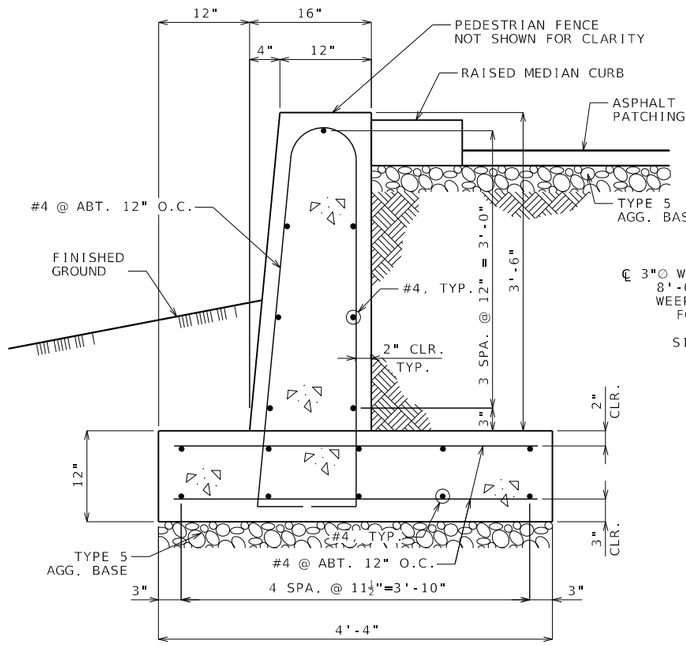
Certificate of Authority
No. : 000165

BMcD Project No. 170015

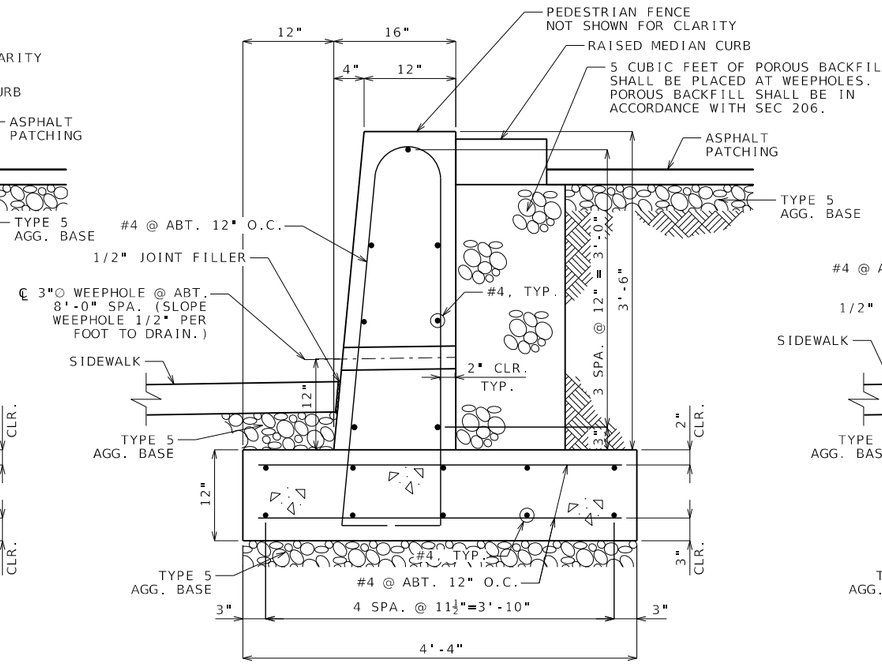
BURNS McDONNELL

REV.

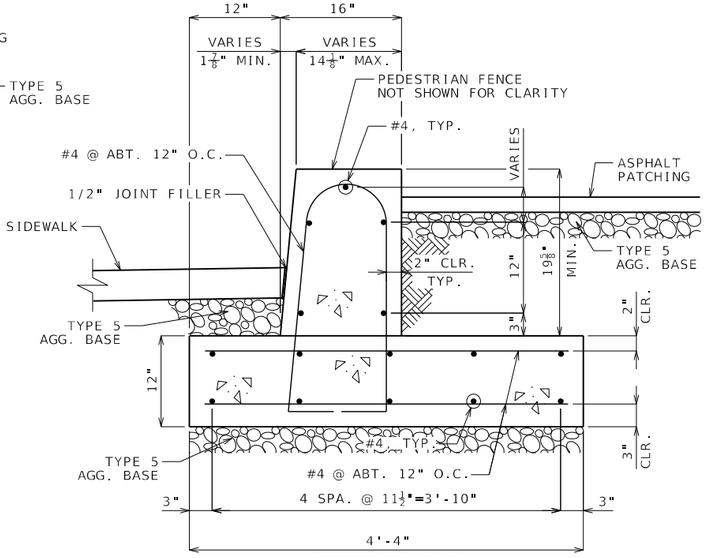
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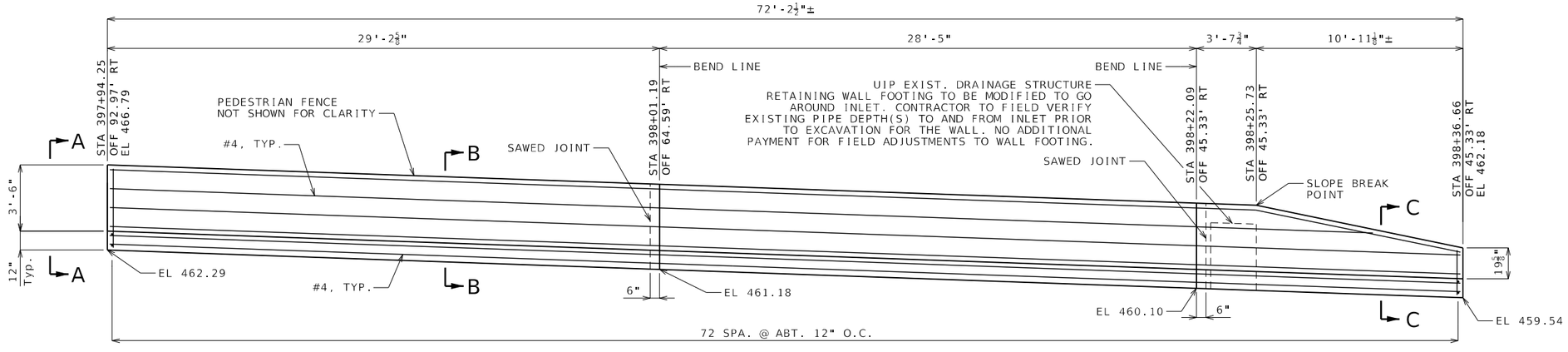
SECTION A-A



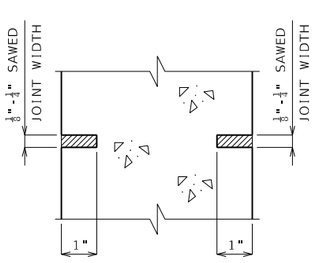
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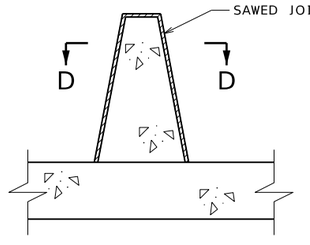
SECTION C-C



WALL 26-6S3569-001 ELEVATION



SECTION D-D



SECTION THROUGH SAWED JOINT

NOTES:

STATIONS AND OFFSETS SHOWN ARE AT THE BACK FACE OF RETAINING WALL AND TIED TO CENTERLINE OF ROUTE AC.

DIMENSIONS SHOWN ARE HORIZONTAL AND MEASURED ALONG THE BACK FACE OF RETAINING WALL.

ALL EXPOSED EDGES OF RETAINING WALL AND SIDEWALK SHALL HAVE EITHER A 1/2" RADIUS OR A 3/8" BEVEL, UNLESS OTHERWISE NOTED.

PAYMENT FOR ALL EXCAVATION, FILL, POROUS BACKFILL, WEEPHOLES, CONCRETE, AND REINFORCEMENT FOR RETAINING WALL, COMPLETE-IN-PLACE, WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR CONCRETE TRAFFIC BARRIER, TYPE D (RETAINING WALL) PER LINEAR FOOT.

MEASUREMENT OF RETAINING WALL IS TO THE NEAREST LINEAR FOOT FOR EACH LOCATION, MEASURED HORIZONTALLY ALONG THE BACK FACE OF RETAINING WALL FROM BEGINNING OF RETAINING WALL TO END OF RETAINING WALL.

RETAINING WALL SHALL BE CAST-IN-PLACE ONLY.

MINIMUM CLEARANCE FOR REINFORCING STEEL IS 2" UNLESS NOTED OTHERWISE.

CONCRETE IN RETAINING WALL SHALL BE CLASS B-1.

FOR GENERAL NOTES, DETAILS, AND MEMBER SIZES COVERING PEDESTRIAN FENCES, SEE SHEET NO. 57.

BAR SPLICES SHALL BE A MINIMUM OF 24 TIMES THE NOMINAL DIAMETER OF THE BAR.

ROUTE AC SPECIAL
SHEET 09 OF 21

STATE OF MISSOURI
KEVIN P. HEFFERN
NUMBER PE-2007002795
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	56

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

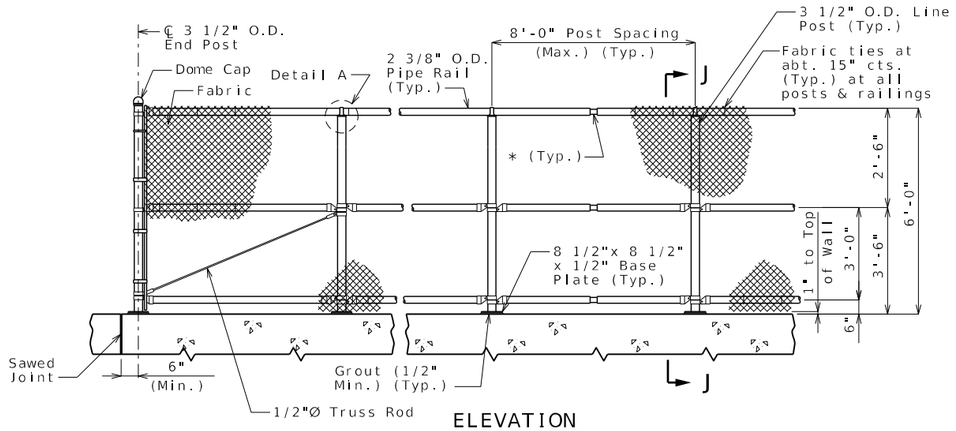
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

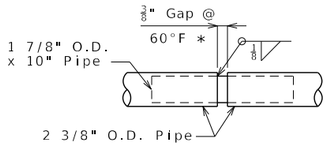
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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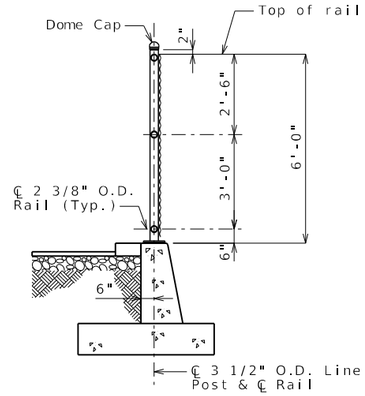
ELEVATION



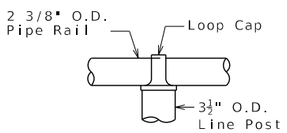
TYPICAL RAIL DETAIL
AT SPLICE GAP

Note: At the contractor's option, manufacturer-approved expansion coupling may be used in lieu of detail shown. No additional payment will be made for this substitution.

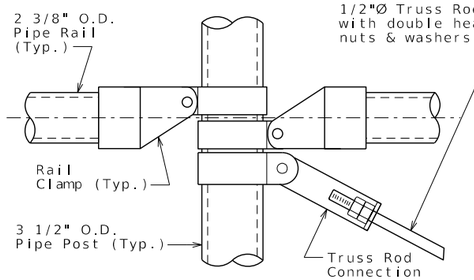
* 3/8" Gap for splice at about 30'-0" centers with at least one splice gap between pull or end posts.



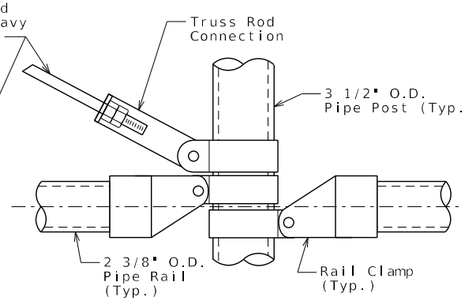
SECTION J-J



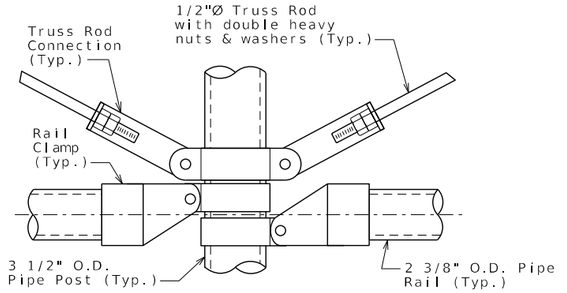
DETAIL A



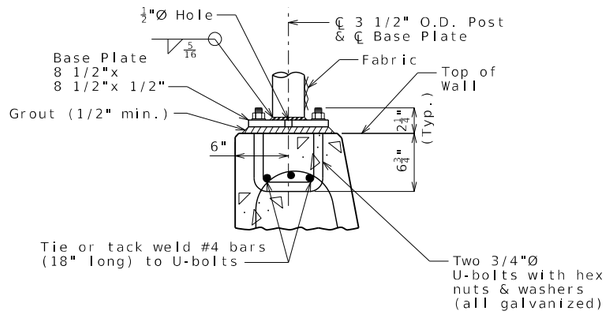
UPPER TRUSS ROD
CONNECTION DETAIL



LOWER TRUSS ROD
CONNECTION DETAIL

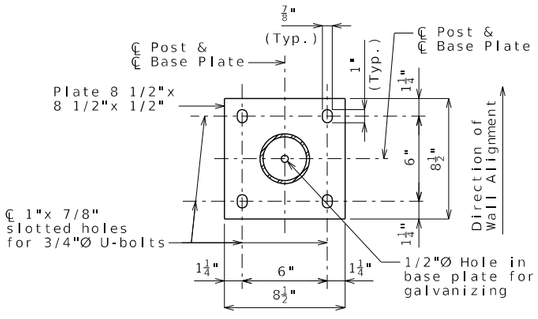


DUAL LOWER TRUSS ROD
CONNECTION DETAIL



POST CONNECTION
(TYPICAL)

Note: Base plate shall be welded to the post prior to galvanizing the post with base plate.



PLAN OF BASE PLATE

GENERAL NOTES:

Pedestrian chain link fence shall be in accordance with Sec 1043 except all fabric shall have the top and bottom edges knuckled and pipe members shall be in accordance with ASTM F1043, high strength grade (minimum yield = 50 ksi) heavy industrial steel pipe Group 1A.

All posts shall be vertical. Grout shall be placed under the post base plates in accordance with Sec 1066.

Payment for furnishing, galvanizing and erecting the fence and frame complete in place will be considered completely covered by the contract unit price for Chain-Link Fence (Retaining Walls) per linear foot.

Dimensions of pedestrian chain link fence are measured horizontally.

The maximum spacing allowed between pull posts and end posts is 100 feet. Post brace and 1/2-inch diameter truss rod are required for panels adjacent to pull post and end posts only. Connect the lower end of truss rod to bottom of pull posts and end posts to which the stretcher bar is attached.

Rail clamps, dome cap, bands, tie wires, stretcher bars and truss rod connections shall be in accordance with the manufacturer's recommendations. The truss rod and truss rod connections shall have a minimum capacity of 2000 pounds. Dome cap shall fit tightly.

Expansion joints shall be placed in the horizontal pieces at not more than 30-foot centers with a minimum gap of 3/8 inch at 60 degrees F.

Steel for truss rods shall be ASTM A709 Grade 36. Steel for base plates shall be ASTM A709 Grade 50.

Chain-Link Fence (Retaining Walls) will be measured to the nearest linear foot for each structure, measured along the centerline fence from end of fence to end of fence.

Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

All base plates, U-bolts, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

U-bolts shall be ASTM F1554 Grade 36.

Chain link wire fabric shall be 9 gage minimum, 2-inch diamond mesh.

For details of retaining wall, see Sheet No. 56.

The chain link fence shall be built in accordance with Sec 607 & Sec 1043.

PEDESTRIAN CHAIN LINK FENCE ON RETAINING WALL

Note: This drawing is not to scale. Follow dimensions.

ROUTE AC SPECIAL
SHEET 10 OF 21

STATE OF MISSOURI
KEVIN P. HEFFERN
NUMBER PE-2007002795
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	57

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

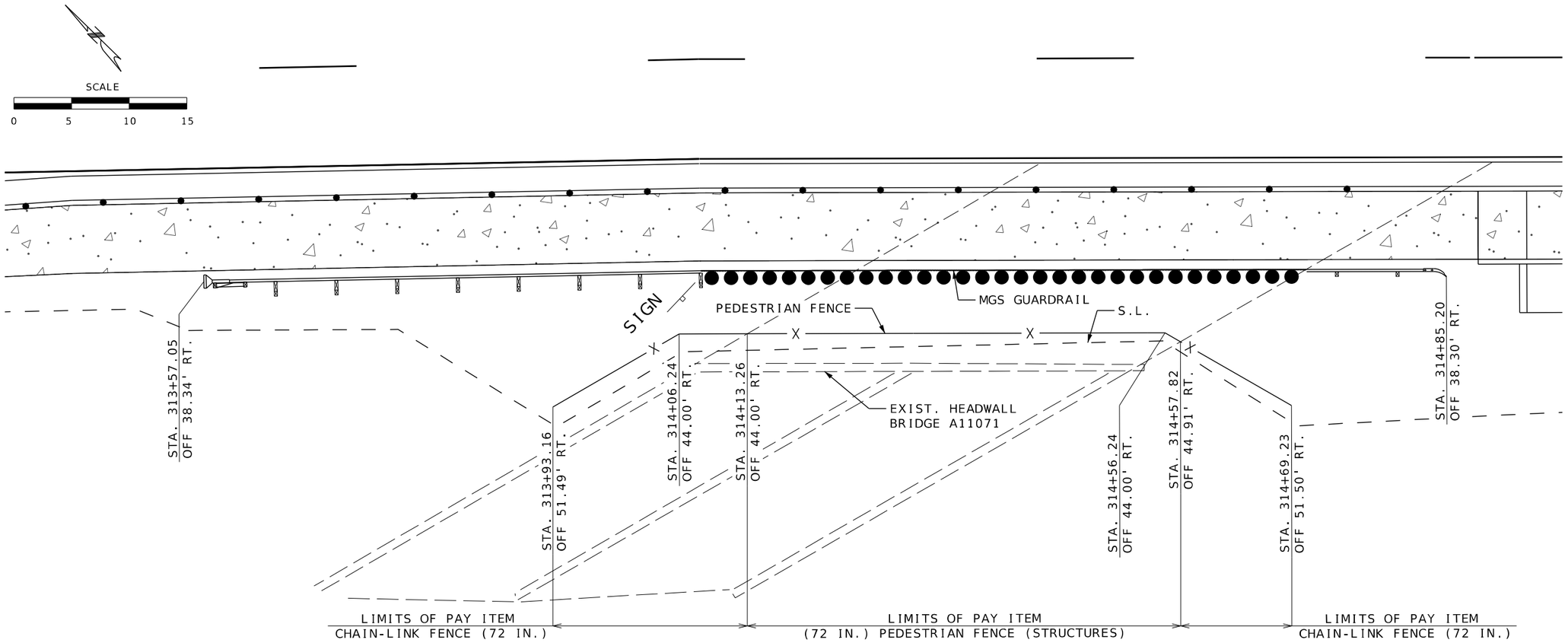
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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PLAN

NOTES:

FOR GENERAL NOTES, DETAILS, AND MEMBER SIZES COVERING (72 IN.) PEDESTRIAN FENCE (STRUCTURES), SEE BRIDGE DRAWINGS.

FOR GENERAL NOTES, DETAILS, AND MEMBER SIZES COVERING BRIDGE GUARDRAIL (W-BEAM), SEE BRIDGE DRAWINGS.

SEE STD DWG 607.10W "CHAIN-LINK FENCE" FOR FENCING DETAILS OUTSIDE THE LIMITS OF BRIDGE A11071.

SEE STD DWG 606.50F "MIDWEST GUARDRAIL SYSTEM (MGS)" FOR GUARDRAIL DETAILS OUTSIDE THE LIMITS OF BRIDGE A11071.

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:57-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	58

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

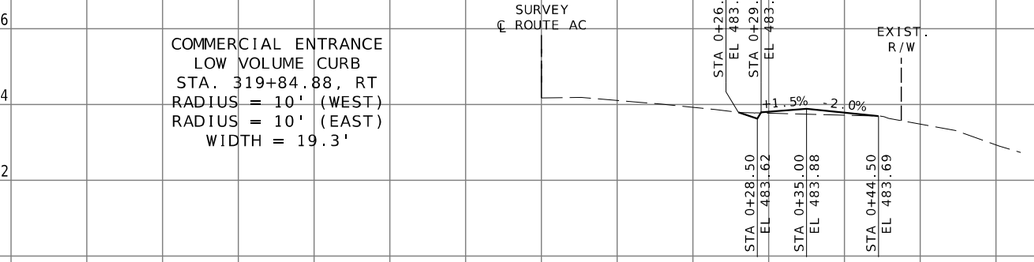
DESCRIPTION

DATE

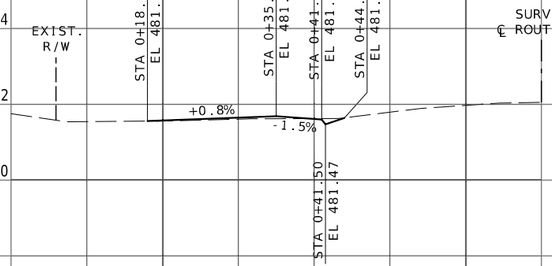
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
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No. : 000165
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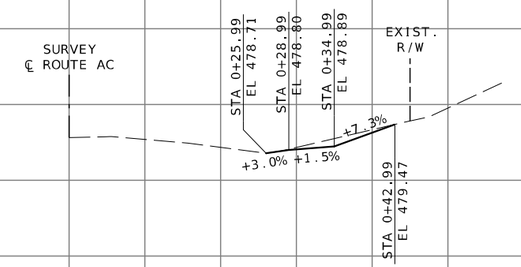
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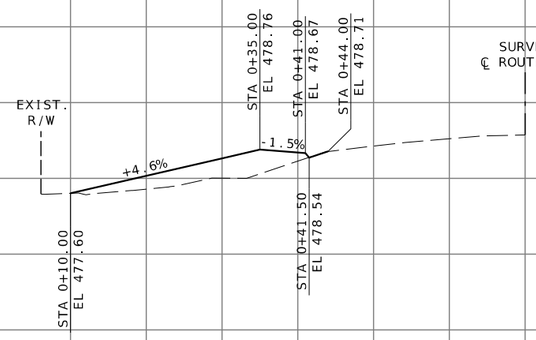
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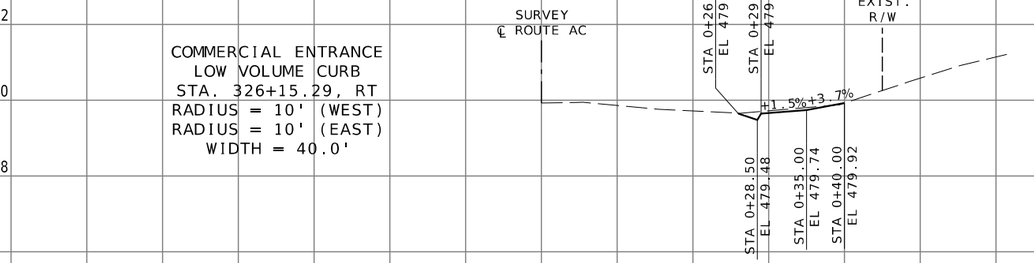
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STA. 327+64.84, RT
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RADIUS = 20' (EAST)
WIDTH = 23.4'



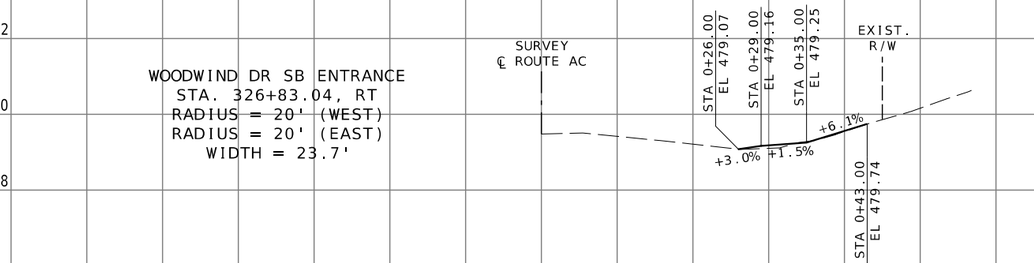
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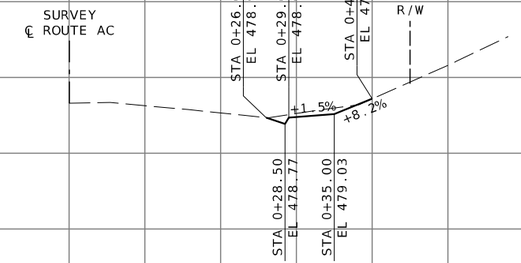
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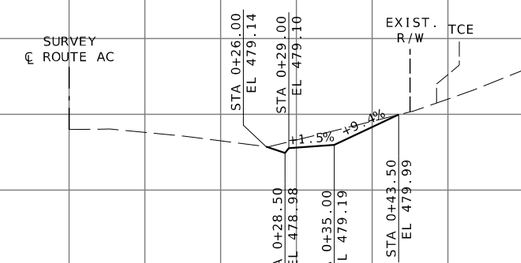
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STA. 329+91.43, RT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 30.0'



COMMERCIAL ENTRANCE
HIGH VOLUME CURB
STA. 330+86.79, RT
RADIUS = 15' (WEST)
RADIUS = 15' (EAST)
WIDTH = 50.0'



ROUTE AC
DRIVEWAY PROFILES
SHEET 12 OF 21

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

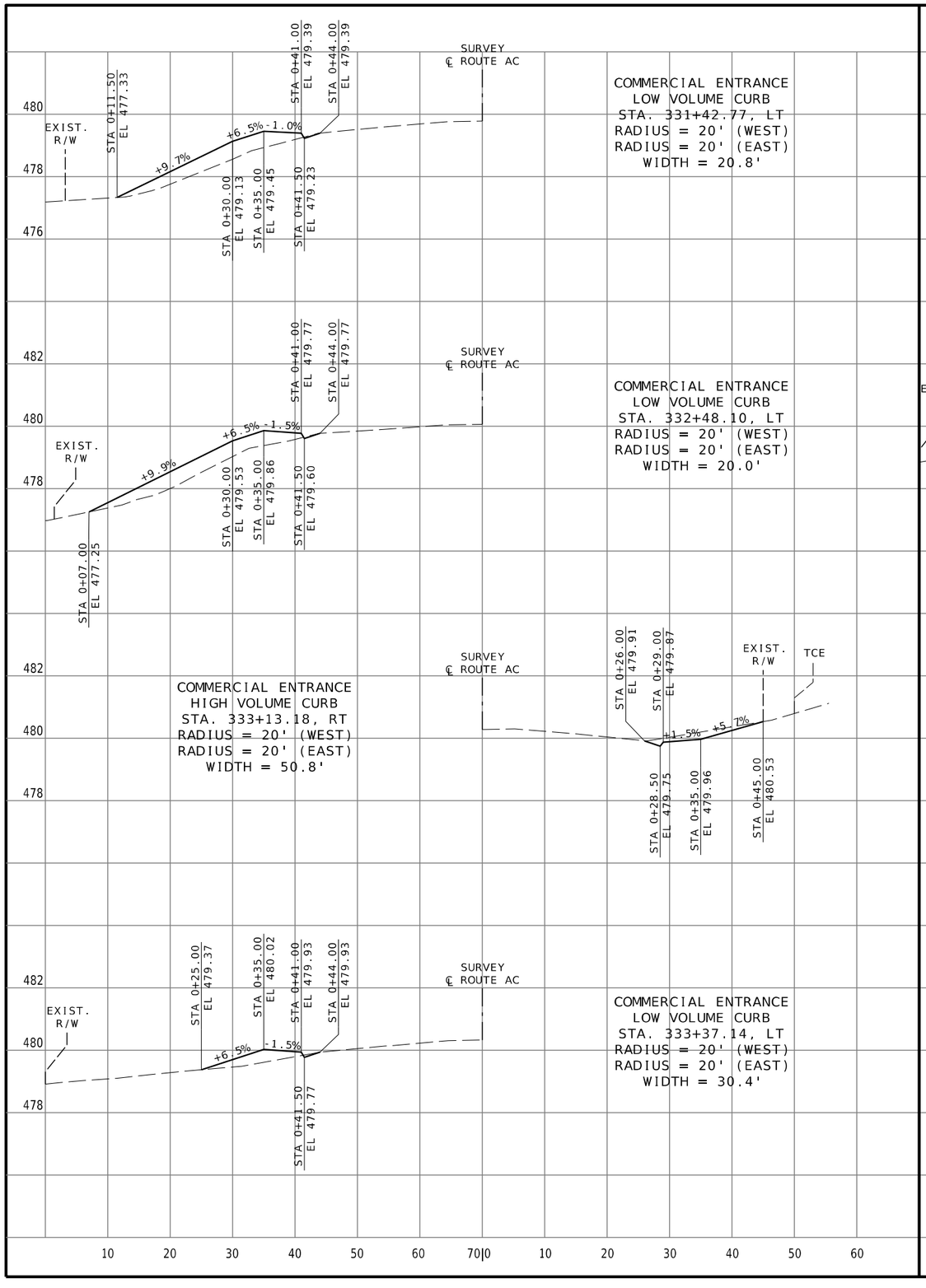
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:58-06'00'

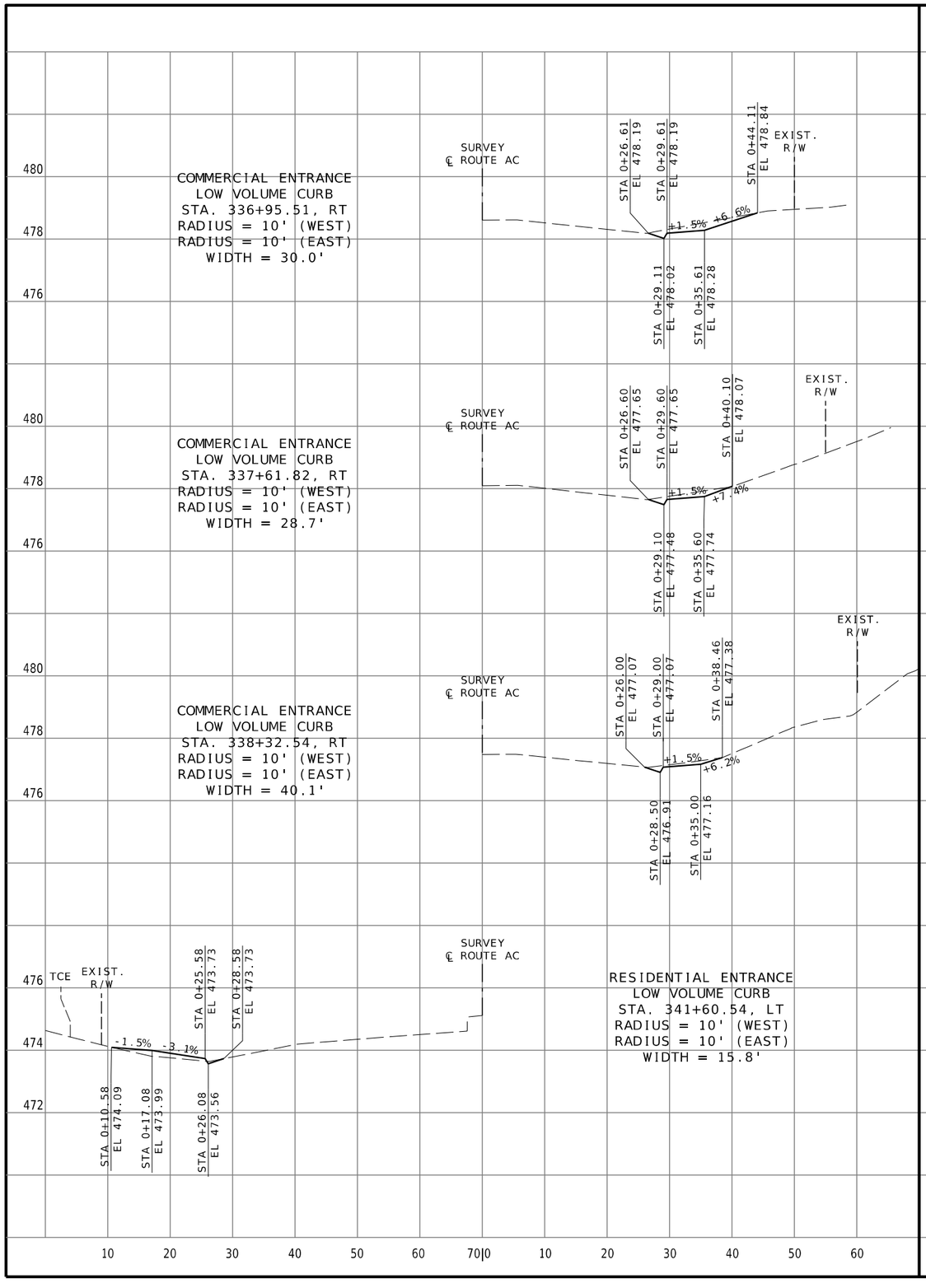
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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	60

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015



ROUTE AC
DRIVEWAY PROFILES
SHEET 14 OF 21

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:06:58-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

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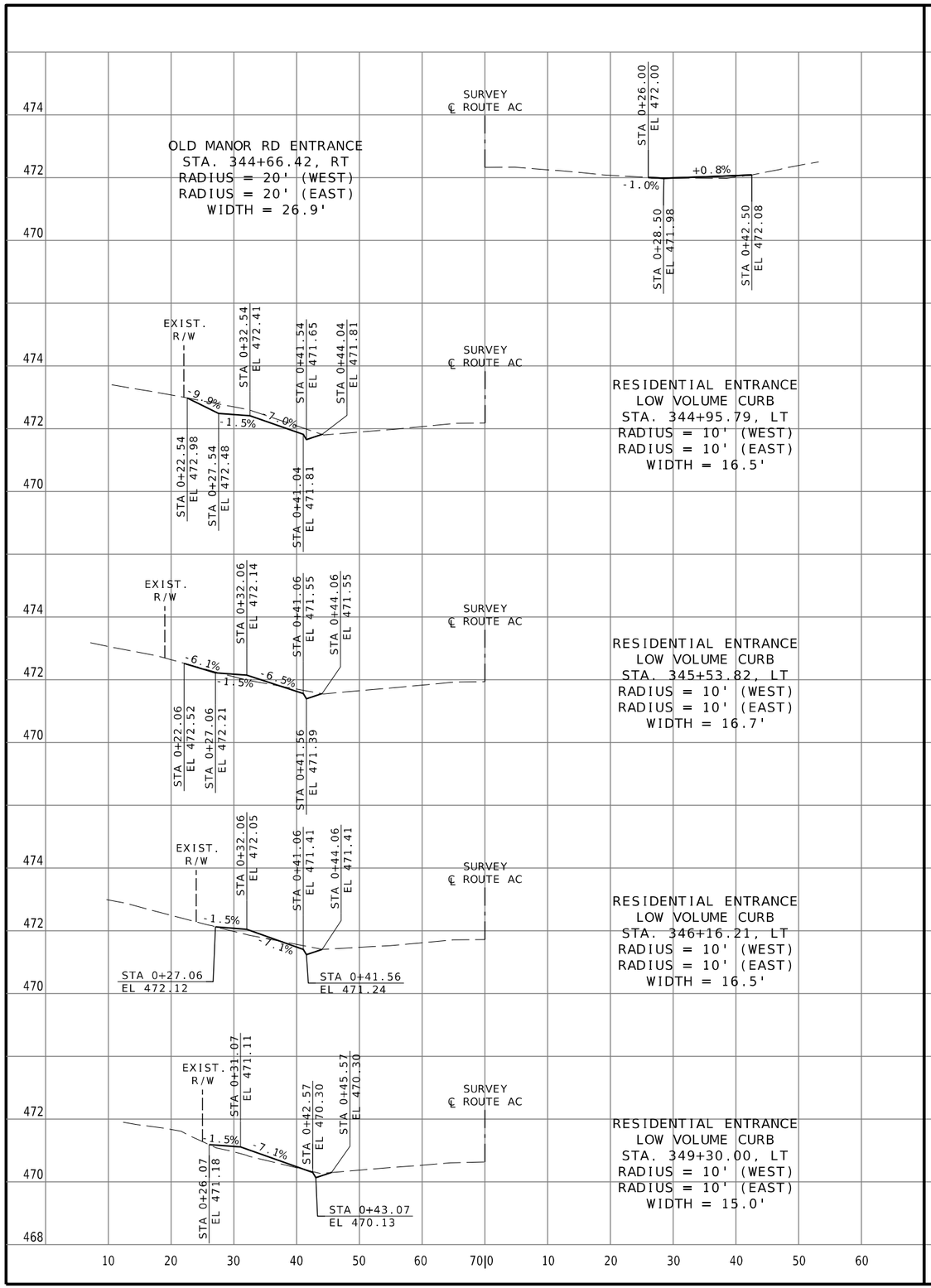
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ROUTE AC
DRIVEWAY PROFILES
SHEET 15 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:25-06'00'

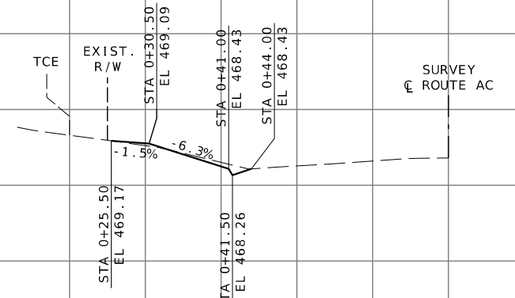
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ROUTE: AC
STATE: MO
DISTRICT: SL
SHEET NO.: 62
COUNTY: ST. LOUIS
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PROJECT NO.:
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DESCRIPTION | DATE

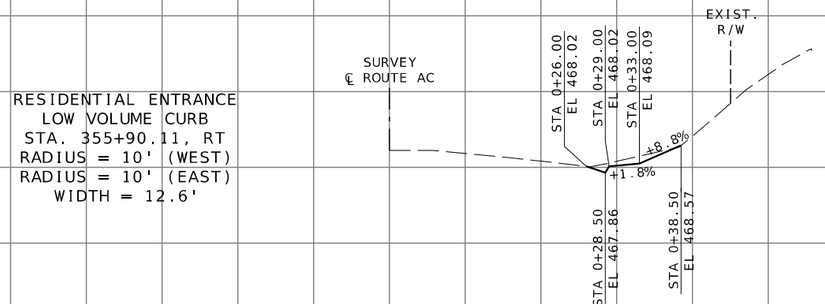
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
Certificate of Authority No. : 000165
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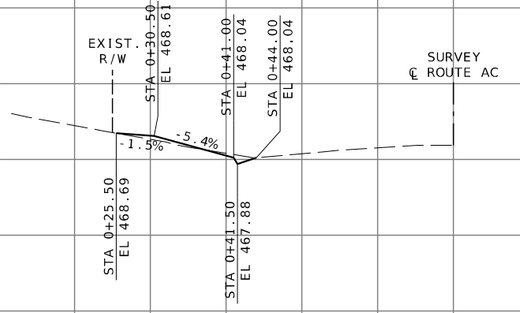
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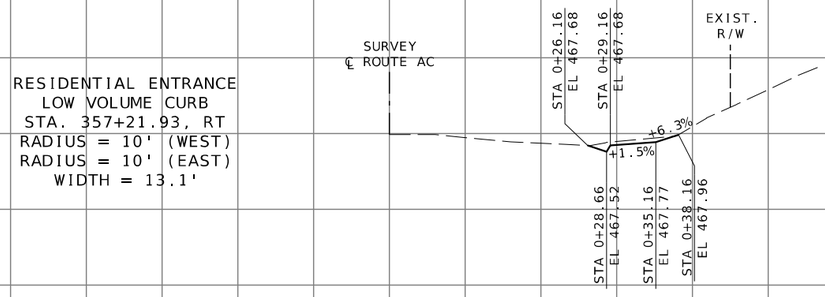
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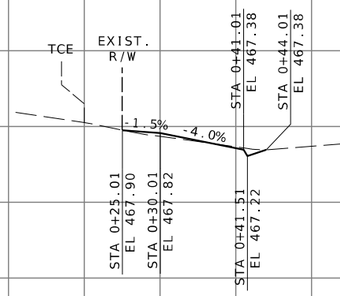
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STA. 355+90.11, RT
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RESIDENTIAL ENTRANCE
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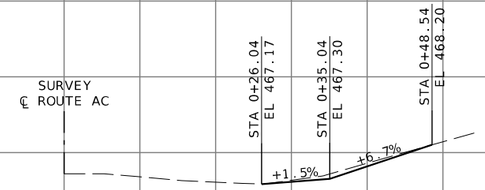


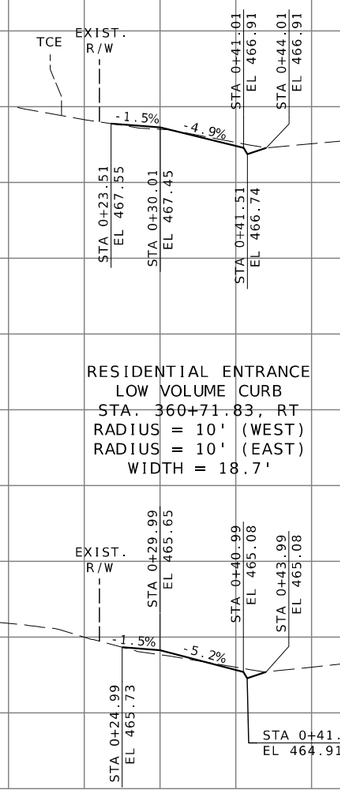
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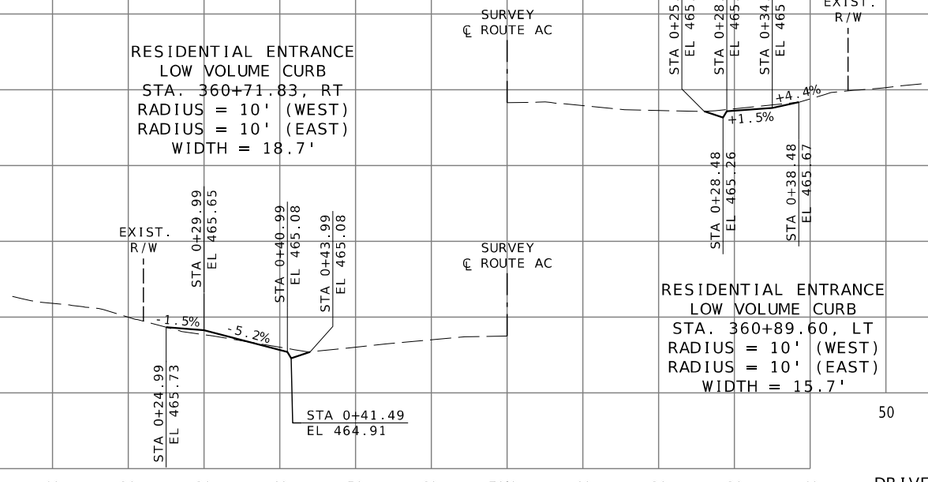
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RADIUS = 10' (EAST)
WIDTH = 17.4'

HUDSON RD ENTRANCE
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RADIUS = 22.5' (EAST)
WIDTH = 18.5'





RESIDENTIAL ENTRANCE
LOW VOLUME CURB
STA. 359+00.68, LT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 16.0'



RESIDENTIAL ENTRANCE
LOW VOLUME CURB
STA. 360+71.83, RT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 18.7'

RESIDENTIAL ENTRANCE
LOW VOLUME CURB
STA. 360+89.60, LT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 15.7'

ROUTE AC
DRIVEWAY PROFILES
SHEET 16 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:25-06'00'

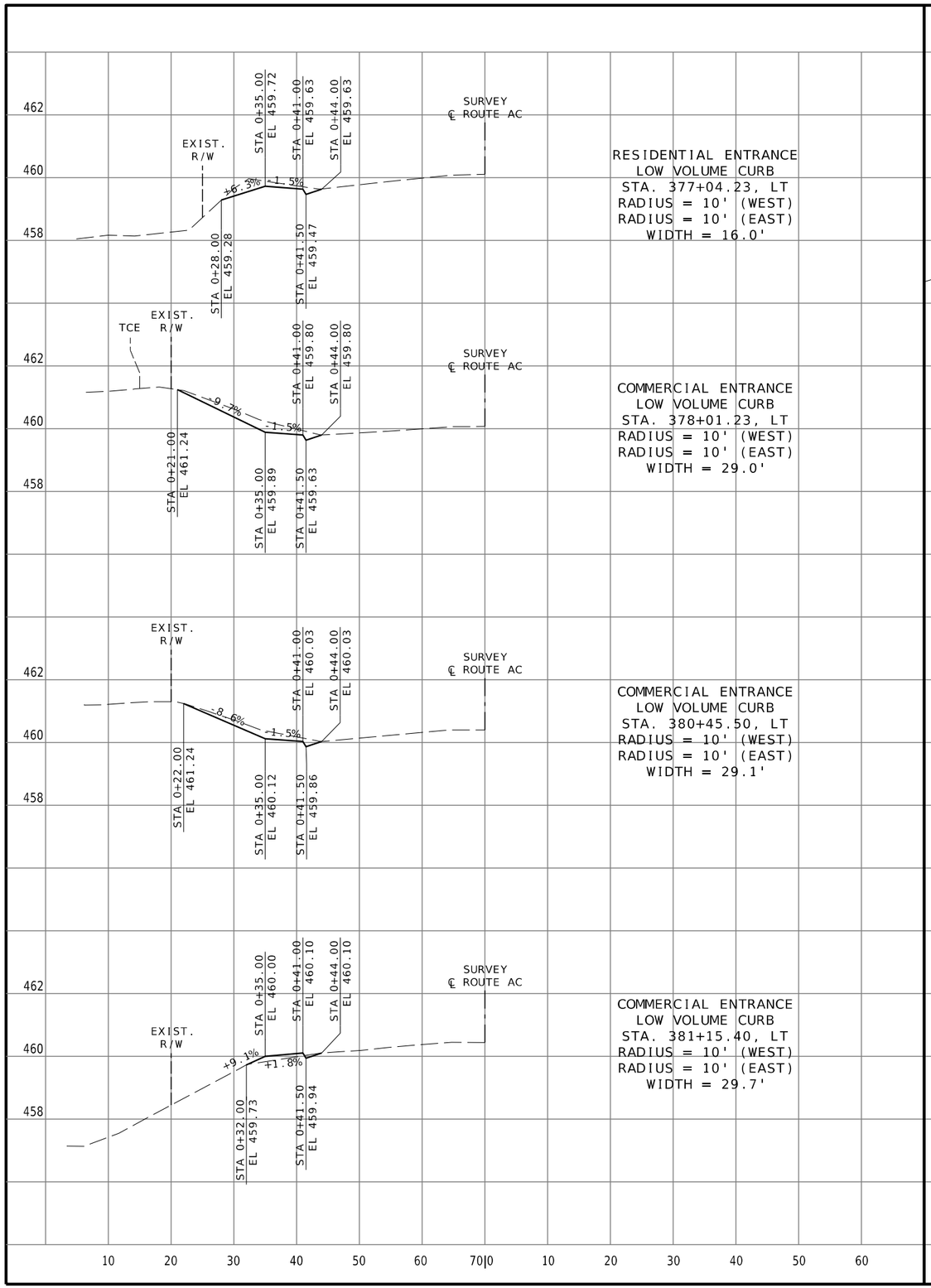
DATE PREPARED: 1/8/2026
ROUTE: AC
STATE: MO
DISTRICT: SL
SHEET NO.: 63
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

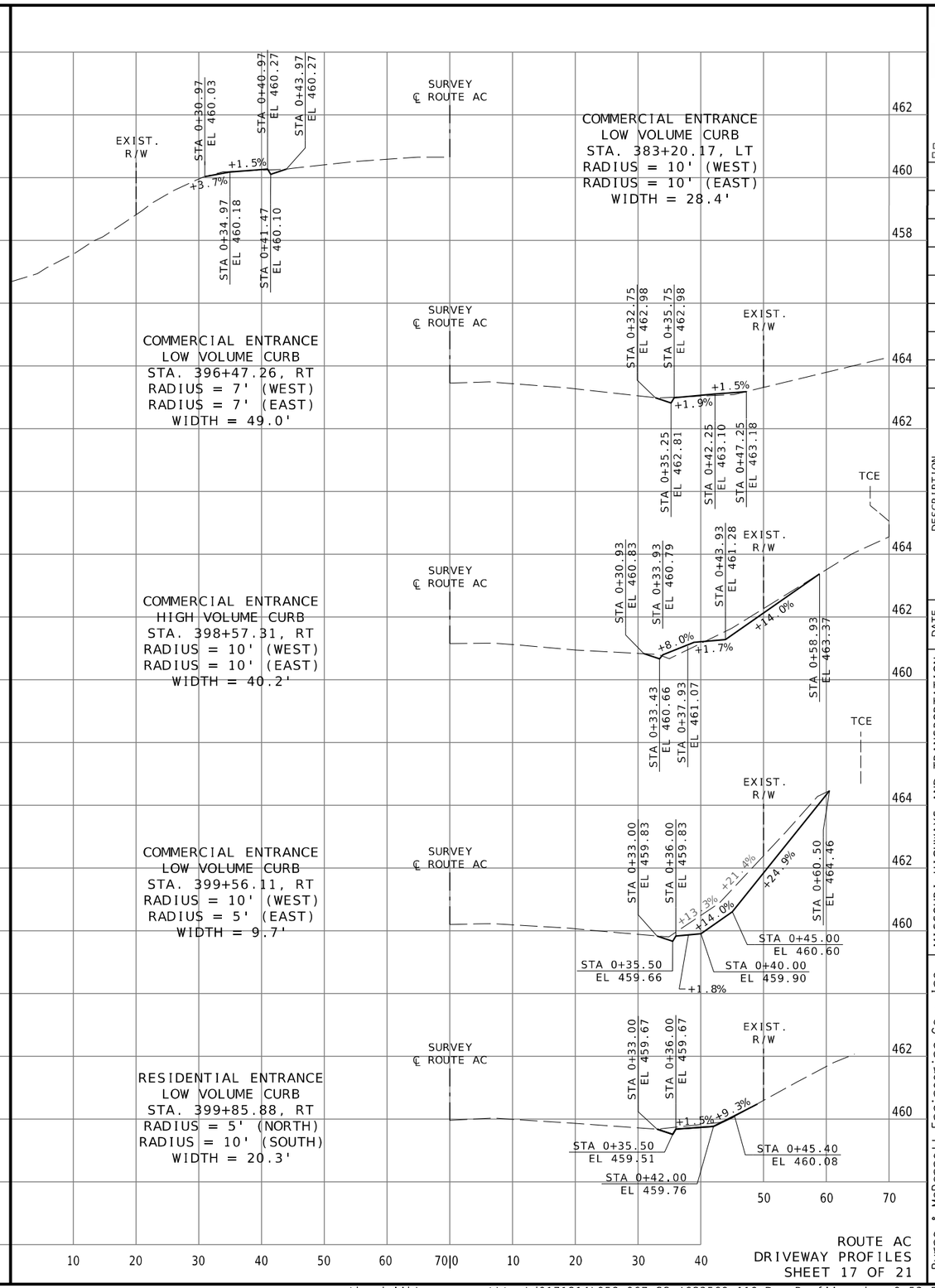
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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ROUTE AC
DRIVEWAY PROFILES
SHEET 17 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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Date: 2026.01.09 14:08:25-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	64

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

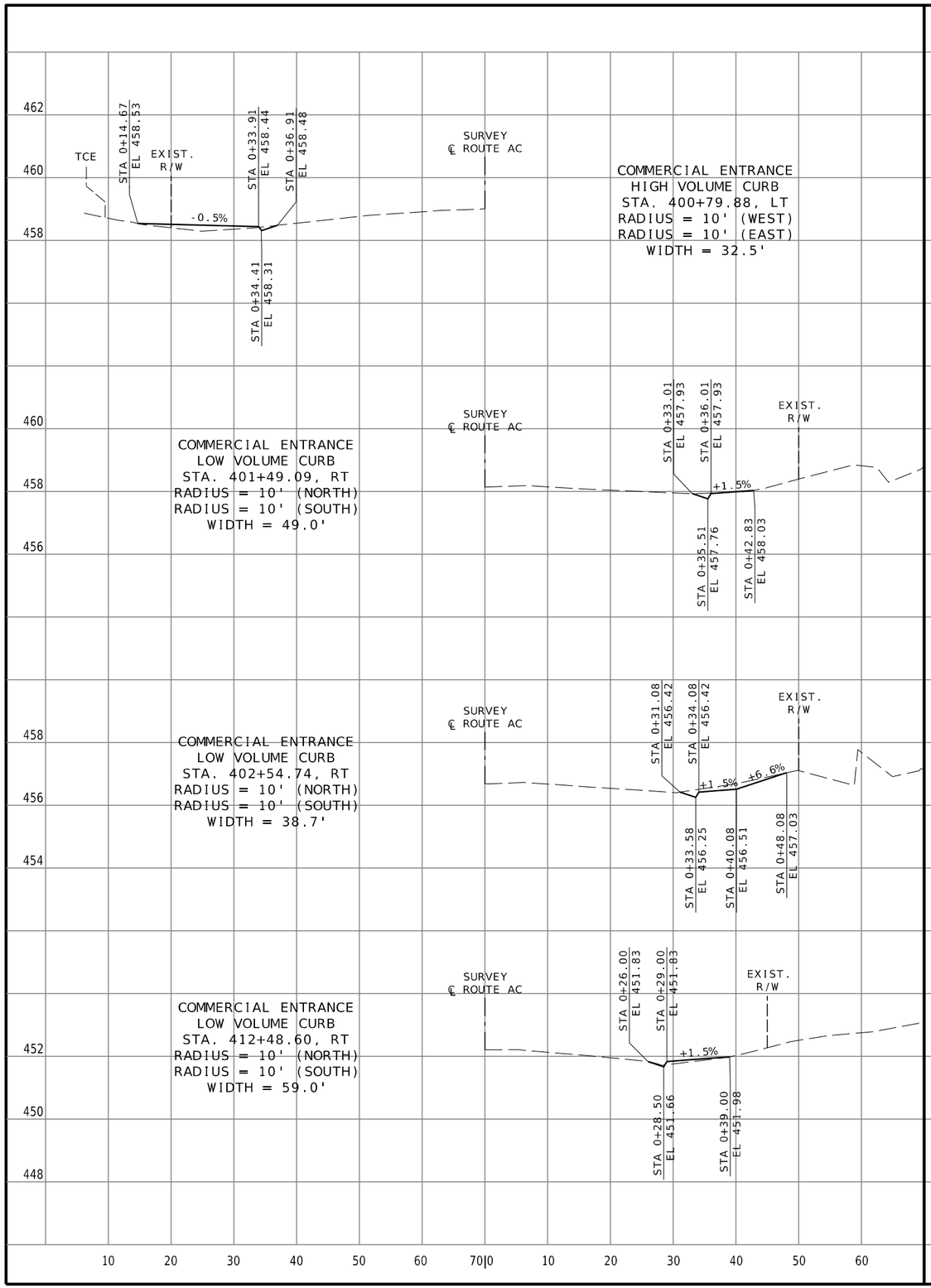
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165

BMcD Project No. 170015

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	65

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

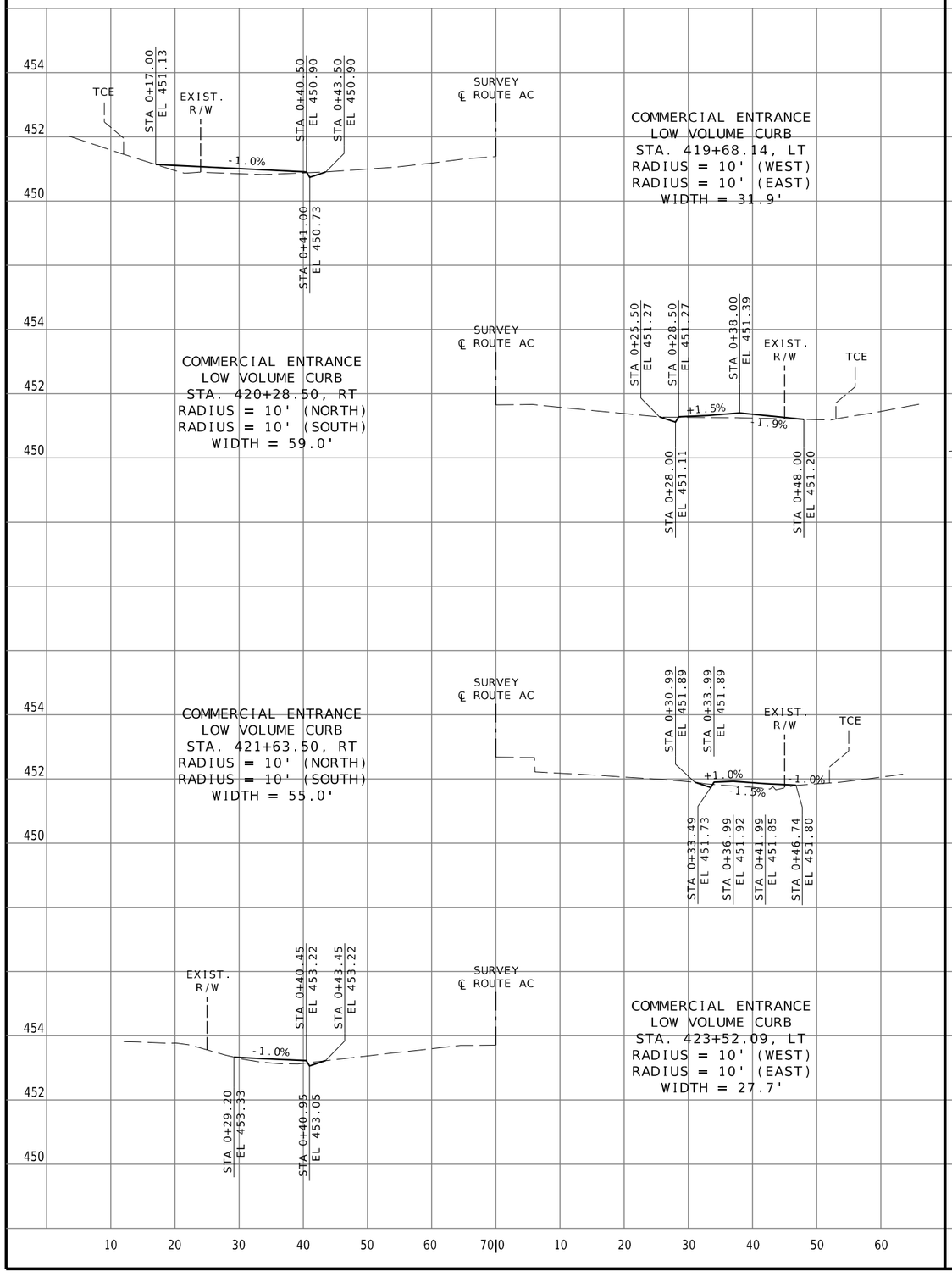
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

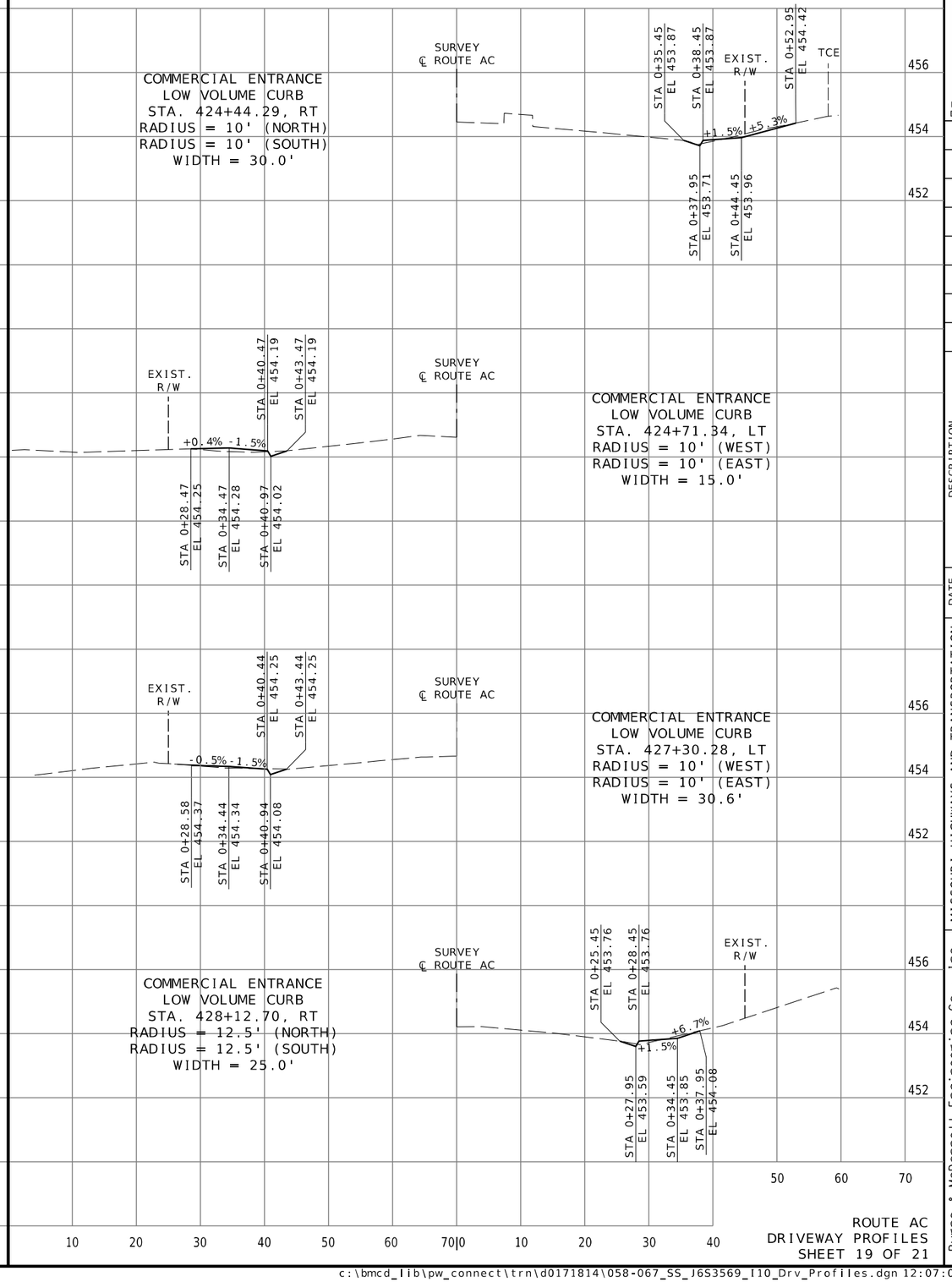
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ROUTE AC
DRIVEWAY PROFILES
SHEET 19 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:06:59-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	66

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

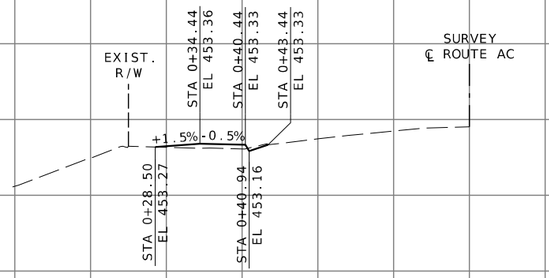
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

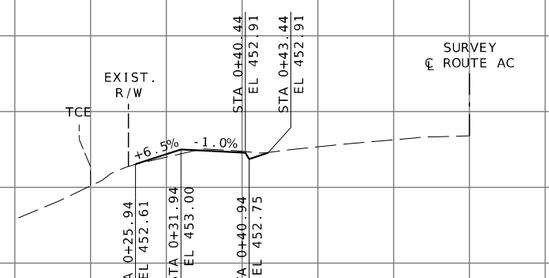
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

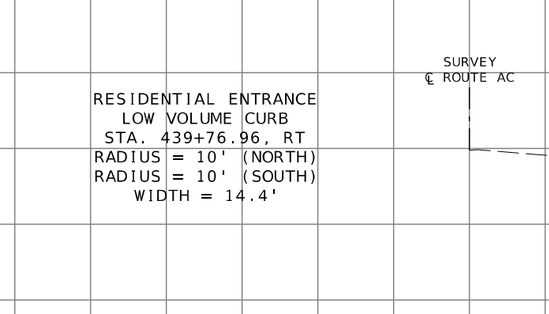
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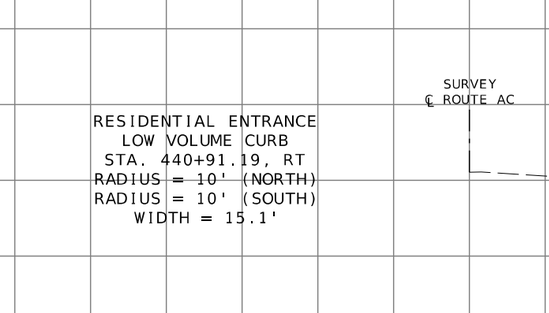
COMMERCIAL ENTRANCE
LOW VOLUME CURB
STA. 429+08.52, LT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 32.2'



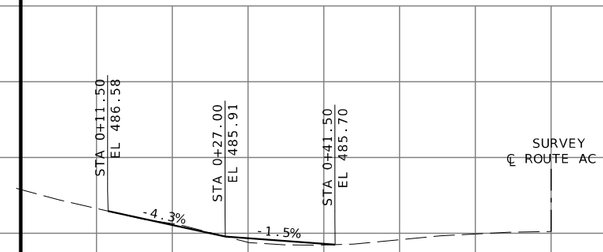
COMMERCIAL ENTRANCE
LOW VOLUME CURB
STA. 429+75.41, LT
RADIUS = 10' (WEST)
RADIUS = 10' (EAST)
WIDTH = 31.0'



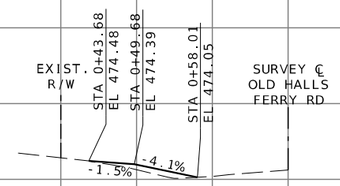
RESIDENTIAL ENTRANCE
LOW VOLUME CURB
STA. 439+76.96, RT
RADIUS = 10' (NORTH)
RADIUS = 10' (SOUTH)
WIDTH = 14.4'



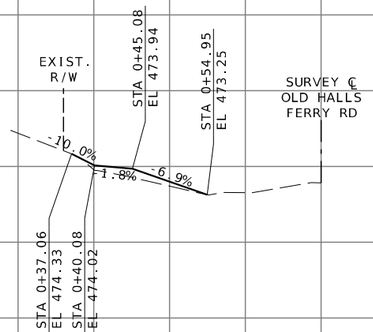
RESIDENTIAL ENTRANCE
LOW VOLUME CURB
STA. 440+91.19, RT
RADIUS = 10' (NORTH)
RADIUS = 10' (SOUTH)
WIDTH = 15.1'



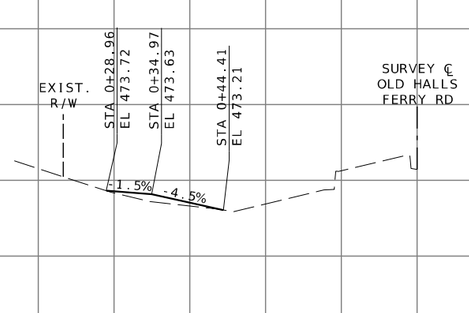
OLD PERSHALL RD
STA. 316+80.03, LT
RADIUS = 32.5' (NORTH)
RADIUS = 32.5' (SOUTH)
WIDTH = 43.5'



COMMERCIAL ENTRANCE
LOW VOLUME CURB
STA. 7+47.77, LT
RADIUS = 10' (NORTH)
RADIUS = 10' (SOUTH)
WIDTH = 17.1'



COMMERCIAL ENTRANCE
LOW VOLUME CURB
STA. 8+25.93, LT
RADIUS = 10' (NORTH)
RADIUS = 10' (SOUTH)
WIDTH = 16.9'



COMMERCIAL ENTRANCE
LOW VOLUME CURB
STA. 9+02.18, LT
RADIUS = 10' (NORTH)
RADIUS = 10' (SOUTH)
WIDTH = 12.5'

10 20 30 40 50 60 70|0 10 20 30 40 50 60

50 60 70

10 20 30 40

ROUTE AC
DRIVEWAY PROFILES
SHEET 20 OF 21

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:06:59-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	67

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

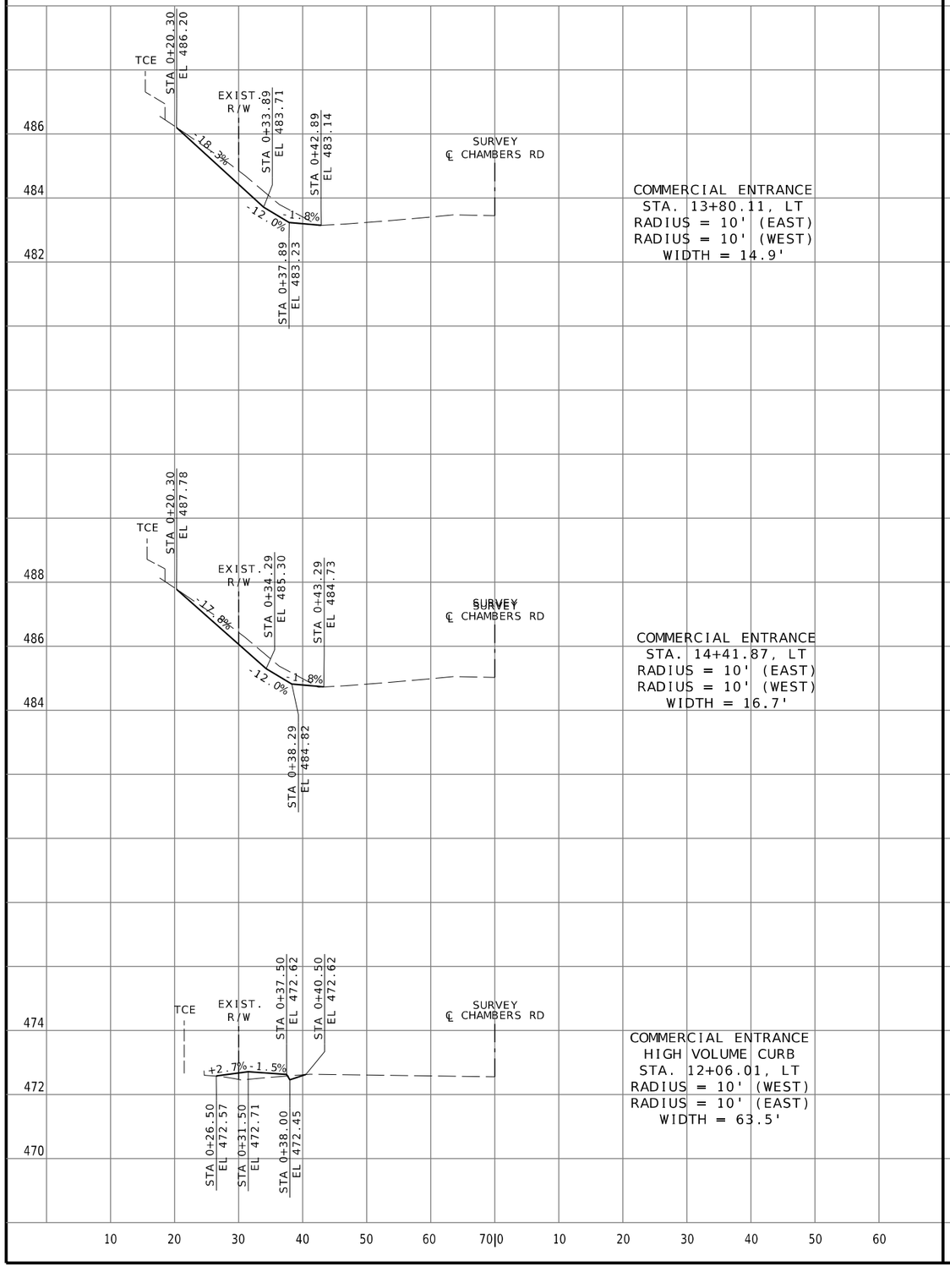
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

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ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	68

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

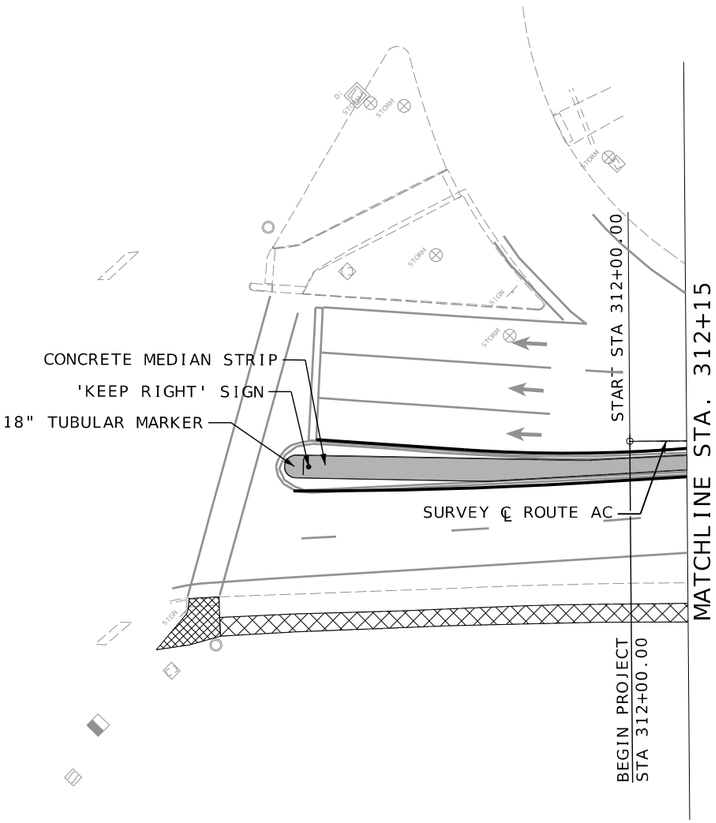
BMcD Project No. 170015

ROUTE AC
DRIVEWAY PROFILES
SHEET 21 OF 21

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SCALE

0 20 40 60



ROUTE AC UTILITY PLAN
SHEET 01 OF 29

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Date: 2025.11.30 08:06:59-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

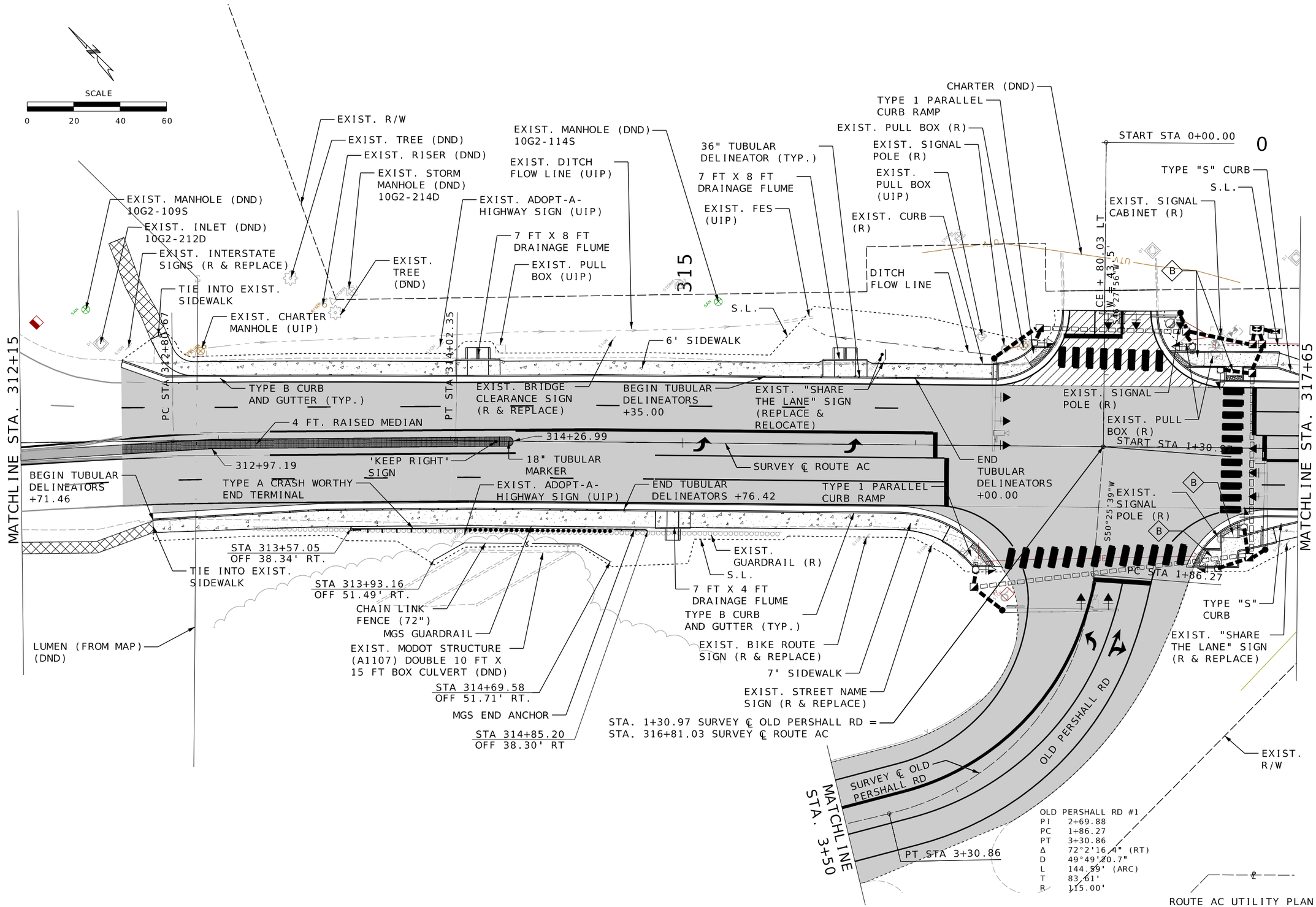
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ROUTE AC UTILITY PLAN
SHEET 02 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	70

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

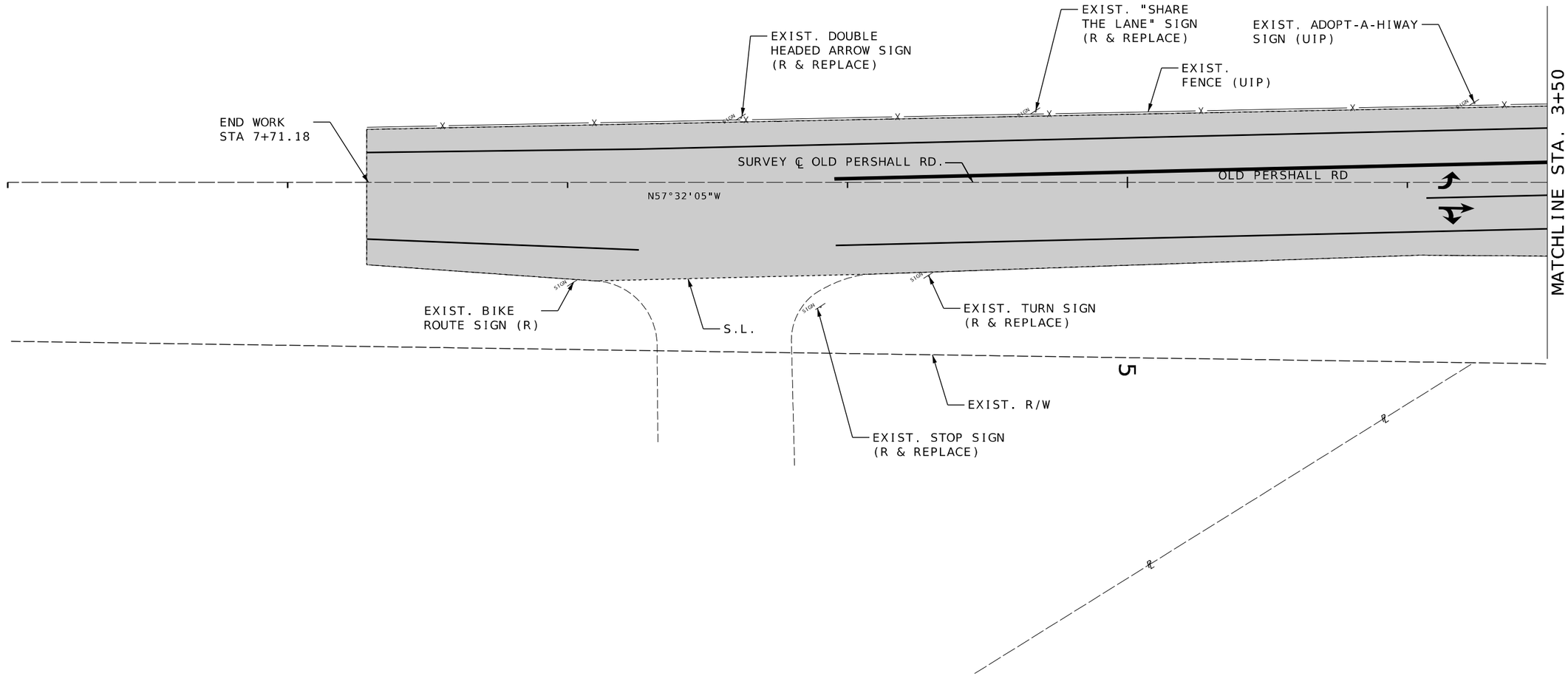
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165

BMcD Project No. 170015

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SCALE

0 20 40 60



ROUTE AC UTILITY PLAN
SHEET 03 OF 29

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	71

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

MATCHLINE STA. 317+65

TYPE "S" CURB
EXIST. MANHOLE (DND)
7 FT X 8 FT DRAINAGE FLUME
S.L.
TYPE B CURB AND GUTTER (TYP.)
7 FT X 8 FT DRAINAGE FLUME
320
EXIST. GUY WIRE (DND)
EXIST. POWER POLE (DND)
EXIST. R/W
EXIST. GUY WIRE (DND)
6' SIDEWALK
EXIST. POWER POLE (DND)
7 FT X 8 FT DRAINAGE FLUME
EXIST. BUS STOP SIGN (UIP)
EXIST. POWER POLE (UIP)
EXIST. NO MORE TRASH SIGN (R)
EXIST. 18" RCP (DND)
EXIST. CURB (R)
CE + 90.77 LT.
W = 41.4'
6'
OE
SURVEY ℄ ROUTE AC
EXIST. WATER VALVE (ATG)
EXIST. CURB (UIP)
7'
6'
EXIST. WATER VALVE (ATG)
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. SAN. MANHOLE (DND) 10G2-119S
EXIST. SAN. MANHOLE (DND) 10G2-120S
EXIST. GAS VALVE (DND)
TYPE "S" CURB
EXIST. HYDRANT (DND)
EXIST. TREE (DND)
STEAK 'N SHAKE
EXIST. TREE (DND)
EXIST. SAN. MANHOLE (DND) 10G2-121S
EXIST. INLET (DND) 10G2-244D
CE + 84.88 RT.
W = 19.3'
EXIST. R/W
EXIST. INLET (DND) 10G2-243D
EXIST. SAN. MANHOLE (DND) 10G2-122S
S.L.
6' SIDEWALK
EXIST. INLET (UIP)
EXIST. WATER VALVE (DND)
EXIST. HYDARANT (DND)
EXIST. INLET (DND) 10G2-246D
MATCHLINE STA. 323+15

ROUTE AC UTILITY PLAN
SHEET 04 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	72

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

MATCHLINE STA. 323+15

MATCHLINE STA. 328+65

325

EXIST. R/W

6' SIDEWALK

EXIST. GUARDRAIL (R)

EXIST. SIGN (R & REPLACE)

EXIST. CONCRETE CHANNEL (DND)

6.5 FT X 8 FT DRAINAGE FLUME

TYPE B CURB AND GUTTER (TYP.)

MGS END ANCHOR

MGS GUARDRAIL

EXIST. WATER VALVE (UIP)

℄ ROUTE AC

CE

10G2-074S

EXIST. SIGN (R & REPLACE)

10G2-098S

10G2-164D

EXIST. CURB (UIP)

EXIST. R/W

10G2-163D

EXIST. INLET (UIP)

CE + 15.29 RT.
W = 40.0'

10G2-119D

CE + 83.04 RT.
W = 23.7'

10G2-120D

EXIST. CURB (R)

EXIST. INLET (UIP)
10G2-121D

CE + 64.84 RT.
W = 23.4'

10G2-122D

10G2-123D

EXIST. INLET (UIP)

10G2-131D

O'REILLY AUTO PARTS

WOODWIND DR

ROUTE AC UTILITY PLAN
SHEET 05 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	73

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
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Certificate of Authority
No. : 000165

BMcD Project No. 170015

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ST LOUIS COMMUNITY
CREDIT UNION
21126/1789
10751 OLD HALLS FERRY RD

1

SCALE
0 20 40 60

EXIST. CONCRETE CHANNEL (DND)
MGS GUARDRAIL END STA: 329+25.18
TCE
MGS GUARDRAIL BEGIN STA: 329+55.39
TYPE B CURB AND GUTTER (TYP.)
TYPE A CRASHWORTHY END TERMINAL (MASH)
EXIST. GUARDRAIL (R)
EXIST CURB (R)
EXIST. R/W
CE + 39.14 LT.
W = 26.0'
CE + 42.77 LT.
W = 20.8'
CE + 48.10 LT.
W = 20.0'
CE + 37.14 LT.
W = 30.4'
TIE INTO EXIST. CURB
TIE INTO EXIST. CURB
CHURCH'S CHICKEN
S.L.
EXIST. CURB (R)
EXIST. NO PARKING SIGN (R & REPLACE)
MGS GUARDRAIL END STA: 330+89.49
7 FT X 8 FT DRAINAGE FLUME
6' SIDEWALK (TYP.)
330
EXIST. WATER VALVE (ATG)
SURVEY ℄ ROUTE AC
EXIST. WATER VALVE (ATG)
MATCHLINE STA. 328+65
MATCHLINE STA. 334+15
EXIST. CURB (UIP)
EXIST. SANITARY MANHOLE (DND)
EXIST. SIGN (DND)
EXIST. SANITARY MANHOLE (DND) 10G2-096S
EXIST. INLET (UIP)
EXIST. R/W
EXIST. STORM MANHOLE (DND)
SCOTT CREDIT UNION
CE + 91.43 RT.
W = 30.0'
CE + 86.79 RT.
W = 50.0'
TCE
SPEED LIMIT SIGN (REPLACE & RELOCATE)
6' SIDEWALK (TYP.)
EXIST. CURB (UIP)
S.L.
EXIST. GAS VALVE (DND)
TIE INTO EXIST. SIDEWALK
EXIST. HYDRANT (DND)
EXIST. SANITARY MANHOLE (DND) 10G2-095S
EXIST. SANITARY MANHOLE (UIP)
TCE
CE + 13.18 RT.
W = 50.8'
TCE
CE + 99.27 RT.
W = 30.4'
EXIST. INLET (UIP)

BP GAS STATION
NEW HALLS FERRY PROPERTY INC
21472/2615
10633 NEW HALLS FERRY RD

2

ROUTE AC UTILITY PLAN
SHEET 06 OF 29

ALLISON M. BRUNER NUMBER PE: 2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:26-06'00'

DATE PREPARED 1/9/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 74
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

HINES MOTORS

PHILLIPS 66

END WORK
STA 6+96.88

C STA 17+53.74

OLD HALLS FERRY RD

EXIST. WATER VALVE (ATG)

EXIST. BUS STOP SIGN (R & REPLACE)

EXIST. CURB & GUTTER (UIP)

EXIST. WATER VALVE (UIP)

6' SIDEWALK (TYP.)

EXIST. R/W

EXIST. CONCRETE ISLAND (UIP)

EXIST. SIGN (R & REPLACE)

EXIST. WATER VALVE (UIP)

CE + 26.23 LT.
W = 30.0'

335

PC STA 334+46.85

℄ ROUTE AC

MATCHLINE STA. 334+15

MATCHLINE STA. 339+65

EXIST. CURB & GUTTER (UIP)

EXIST. BUS STOP SIGN (R & REPLACE)

CE + 54.48 RT.
W = 15.0'

10G2-085S

EXIST. PULL BOX (DND)

CE + 05.33 RT.
W = 30.0'

EXIST. R/W

10G2-154D

CE + 95.51 RT.
W = 30.0'

10G3-082D

CE + 61.82 RT.
W = 28.7'

EXIST. INLET (UIP)

EXIST. INLET (UIP)
10G3-084D

EXIST. INLET (UIP)
10G3-083D

CE + 25.80 RT.
W = 40.0'

EXIST. STORM MANHOLE (ATG)

EXIST. LIGHT (DND)

A1 WINE & SPIRIT

MEINEKE CAR CARE CENTER

ROUTE AC UTILITY PLAN
SHEET 07 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:00-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	75

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

EX. WATER METER (DND)
EXIST. GAS VALVE (ATG)
EX. STORM MANHOLE (DND)
EX. WATER METER (DND)
EX. INLET & MANHOLE (UIP)
EXIST. WATER METER (DND)
EXIST. WATER VALVE (UIP)
EXIST. PULL BOX (UIP)
EXIST. LIGHT (DND)
EX. POWER POLE & GUY WIRE (DND)
EXIST. WATER METER (DND)
EXIST. WATER METER (DND)
EXIST. HYDRANT (UIP)
EXIST. WATER VALVE (ATG)
EXIST. WATER METER (DND)
EXIST. POWER POLE & GUY WIRE (DND)
EXIST. WATER VALVE (DND)
EXIST. WATER METER (ATG)
EXIST. GAS VALVE (ATG)
EX. INLET & STORM MANHOLE (UIP)
EXIST. WATER METER (DND)
SURVEY ℄ OLD HALLS FERRY RD
340
345
EXIST. LIGHT POLE (DND)
EX. INLET (UIP)
EX. PED. POLE (DND)
EX. SIGNAL POLE (DND)
EX. PED. POLE (DND)
END STA 10+00.00
MATCHLINE STA. 339+65
MATCHLINE STA. 345+15
EXIST. UTILITY POLE (DND)
SURVEY ℄ ROUTE AC
EXIST. STORM MANHOLE (ATG)
EX. PULL BOX (DND)
EXIST. AT&T MANHOLE (ATG)
EXIST. WATER VALVE (ATG)
EXIST. STORM MANHOLE (ATG)
EXIST. PULL BOX (UIP)
EXIST. WATER VALVE (ATG)
EXIST. LIGHT POLE (DND)
STA. 10+00.00 SURVEY ℄ OLD HALLS FERRY RD =
STA. 341+00.00 SURVEY ℄ ROUTE AC
EXIST. R/W
EXIST. WATER VALVE (ATG)
EXIST. STORM MANHOLE (ATG)
EXIST. UTILITY POLE (DND)
EXIST. STORM MANHOLE (UIP)
EXIST. SAN. MANHOLE (ATG) 10G3-061S
OLD MANOR RD
EXIST. SIGN (DND)
EXIST. STORM MANHOLE (ATG)

CURVE #1		CURVE #2	
PI	313+41.51	PI	342+09.64
PC	312+80.67	PC	334+46.85
PT	314+02.35	PT	349+43.28
Δ	1°13'0.0" (RT)	Δ	29°49'56.1" (
D	0°59'59.7"	D	2°0'3.1"
L	121.68' (ARC)	L	1,490.97' (AR
T	60.84'	T	762.79'
R	5,730.00'	R	2,863.55'

SCALE
0 20 40 60

ROUTE AC UTILITY PLAN
SHEET 08 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2026.01.09 14:08:27-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	76

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

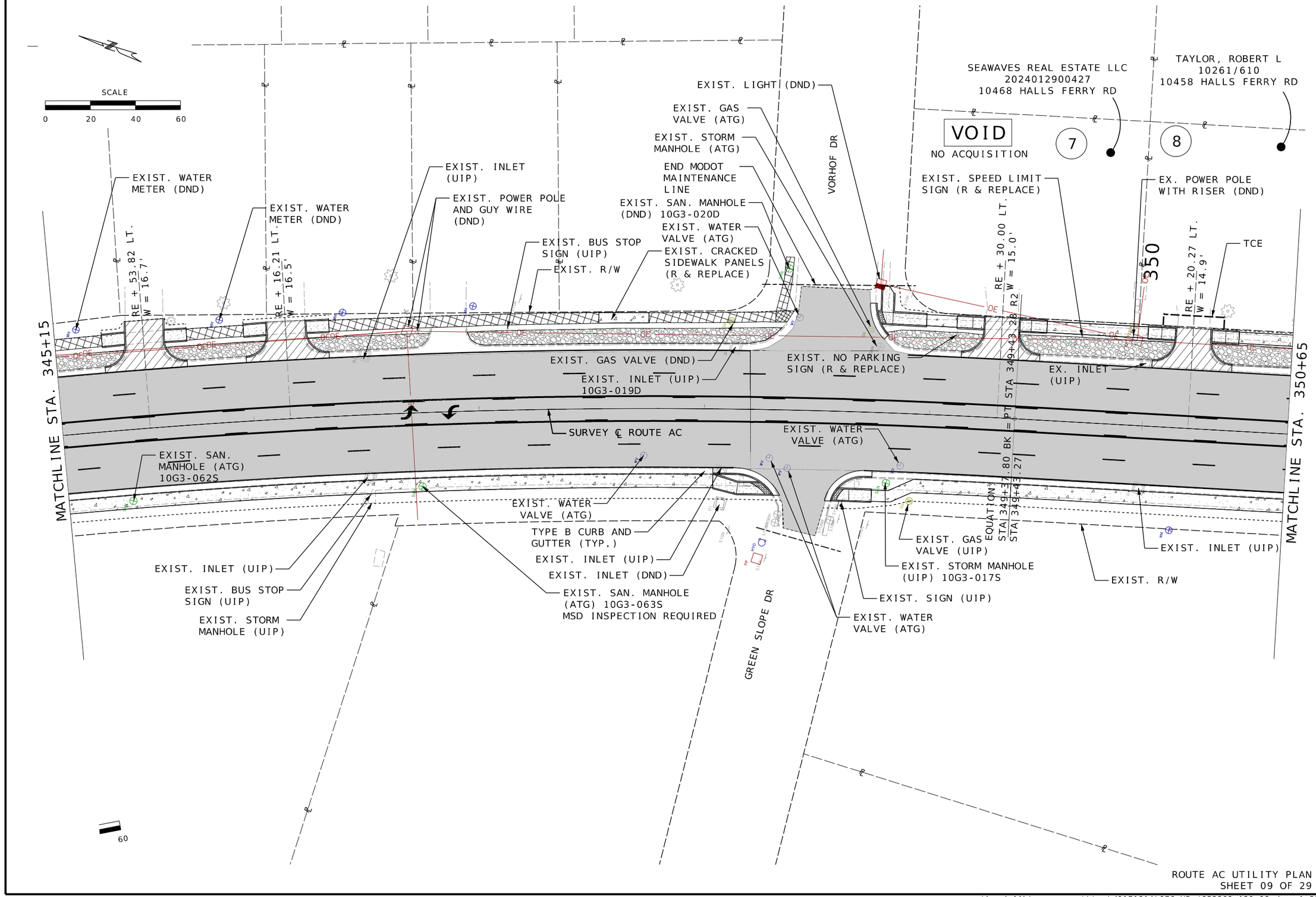
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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ROUTE AC UTILITY PLAN
SHEET 09 OF 29

ALLISON M. BRUNER NUMBER PE: 2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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Date: 2026.01.09 14:08:27-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	77

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

TAYLOR, ROBERT L
10261/610
10458 HALLS FERRY RD

8

KIPP CT

STOA ACQUISITIONS LLC
2023011000307
10448 HALLS FERRY RD

9

VOID
NO ACQUISITION

BUGGS, JEROME & WILSON, ANNETTE T/E
2023071800388
10438 HALLS FERRY RD

VOID
NO ACQUISITION

10

IBIS CT

VOID
NO ACQUISITION
PLAYA HOMES STL LLC
21660/1242
10418 HALLS FERRY RD

ADAMS, DONALD
20234/740
10428 HALLS FERRY RD

11

12

EXIST. LIGHT (DND)
EXIST. STREET NAME SIGN (REPLACE POST)
EXIST. POWER POLE (DND)
EXIST. NO PARKING SIGN (R & REPLACE)
EXIST. GAS VALVE (ATG)
EXIST. WATER VALVE (ATG)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL) STA 352+73.88
EXIST. MAILBOX (R & REINSTALL) STA 353+36.82
EXIST. MAILBOX (R & REINSTALL) STA 354+76.97
EXIST. MAILBOX (R & REINSTALL) STA 356+09.56
EXIST. NO PARKING SIGN (R & REPLACE)
EXIST. PULL BOXES (UIP)
EXIST. UTILITY MANHOLE (UIP)
EXIST. POWER POLE (DND)
EXIST. STREET NAME SIGN (REPLACE POST)
EXIST. R/W
EX. INLET (UIP) 10G3-060D
EX. WATER VALVE (ATG)
EXIST. BUS STOP SIGN (R&RELOC)
EXIST. HYDRANT (DND)
EX. LIGHT (DND)
EX. SIGN (DND)
TCE
EXIST. POWER POLE WITH RISER (DND)
EX. BUS STOP SIGN (UIP)
EX. INLET (UIP)
EXIST. PULL BOXES (UIP)

RE + 24.44 LT.
W = 15.0'

RE + 21.59 LT.
W = 15.0'

355

RE + 14.23 LT.
W = 15.8'

RE + 04.45 LT.
W = 13.7'

RE + 58.06 RT.
W = 12.1'

RE + 90.11 RT.
W = 12.6'

SURVEY ℄ ROUTE AC

MATCHLINE STA. 350+65

MATCHLINE STA. 356+15

ROUTE AC UTILITY PLAN
SHEET 10 OF 29

ALLISON M. BRUNER
NUMBER
PE: 2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	78

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

FOSS CT
HUDSON RD
N76°17'23"E
STA. 1+39.54 ℄ HUDSON RD =
STA. 360+09.97 ℄ ROUTE AC
END MODOT MAINTENANCE LINE
EXIST. UTILITY MANHOLE (UIP)
10G3-079D
EXIST. CONTROLLER (R)
EXIST. GAS VALVE (ATG)
EXIST. SIGNAL (R)
EXIST. POWER POLE (DND)
TCE
EXIST. METER (UIP)
EXIST. R/W
TCE
EXIST. SIGN (UIP)
EXIST. GAS VALVE (UIP)
EXIST. LIGHT (DND)
EXIST. INLET (UIP) 10G3-066D
RE + 09.11 LT. W = 17.0'
RE + 00.68 LT. W = 16.0'
360
10G3-078D
EXIST. TREE (DND)
EXIST. MAILBOX (R & REINSTALL)
RE + 89.60 LT. W = 15.0'
EXIST. POWER POLE (DND)
PC STA 356+21.29 R2
PT STA 361+50.01 R2
PC STA 350+00.65 R2
MATCHLINE STA. 356+15
MATCHLINE STA. 361+65
℄ ROUTE AC
EXIST. INLET (UIP)
START STA 10+00.00
10
EXIST. INLET (UIP) 10G3-080D
EXIST INLET (UIP)
EXIST. PULL BOX (DND)
EXIST. WATER (UIP)
EXIST. SIGNAL (R)
EXIST. MAILBOX (R & REINSTALL)
EXIST. WATER (UIP)
EXIST. INLET (UIP)
EXIST. INLET (UIP) 10G3-203D
EXIST. INLET (UIP) 10G3-204D
EXIST. WATER (UIP)
EXIST. MAILBOX (R & REINSTALL)
RE + 21.93 RT W = 13.0'
CE + 69.02 RT. W = 18.0'
S76°53'17"W
HUDSON RD
END STA 11+25.00
EXIST. CURB (UIP)
TYPE B CURB AND GUTTER (TYP.)
EXIST. STORM MANHOLE (UIP) 10G3-205D
EXIST. SIGN (UIP)
EXIST. R/W
EXIST. INLET (UIP) 10G3-202D
RE + 71.83 RT W = 19.0'
EXIST. SIGN (UIP)
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. HYDRANT (DND)

ROUTE AC UTILITY PLAN
SHEET 11 OF 29

c:\bmcd_lib\pw_connect\trn\d0171814\078_UP_J6S3569_I20_10.dgn 12:09:24 PM 11/26/2025

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:00-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	79

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

BELIEVERS CHAPEL
BIBLE CHURCH

EXIST. SIGN
(R & REPLACE)
EXIST. INLET (UIP)
10G3-199D
EXIST. INLET (UIP)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. SANITARY
MANHOLE (UIP)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. R/W
EXIST. INLET (UIP)
EXIST. POWER
POLE (DND)
EXIST. CURB (UIP)
EXIST. POWER
POLE (DND)
EXIST. INLET (UIP)
EXIST. SIGN
(R & REPLACE)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. POWER
POLE (DND)

365

MATCHLINE STA. 361+65

℄ ROUTE AC

MATCHLINE STA. 367+15

EXIST. INLET (UIP)
10G3-201D
EXIST. INLET (UIP)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. WATER
VALVE (UIP)
EXIST. R/W
TYPE B CURB
AND GUTTER (TYP.)
EXIST. MAILBOX
(R & REINSTALL)
EXIST. INLET (UIP)
EXIST. SIGN
(R & REPLACE)
EXIST. MAILBOX (R & REINSTALL)
EXIST. MAILBOX (R & REINSTALL)

ROUTE AC UTILITY PLAN
SHEET 12 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
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Date: 2025.11.30 08:07:00-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	80

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

THE LEGAL SOLUTIONS GROUP

EXIST. MAILBOX (R & REINSTALL)
EXIST. UTILITY MANHOLE (UIP)
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL)
EXIST. POWER POLE WITH RISER (DND)
EXIST. MAILBOX (R & REINSTALL)
370
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)
TYPE B CURB AND GUTTER (TYP.)
EXIST. CURB (R)
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. R/W

MATCHLINE STA. 367+15

℄ ROUTE AC

MATCHLINE STA. 372+65

EXIST. CURB (UIP)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL)
EXIST. WATER VALVE (UIP)
6' SIDEWALK (TYP.)
EXIST. R/W
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL)
EXIST. INLET (UIP)
EXIST. MAILBOX (R & REINSTALL)

ROUTE AC UTILITY PLAN
SHEET 13 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:00-06'00'

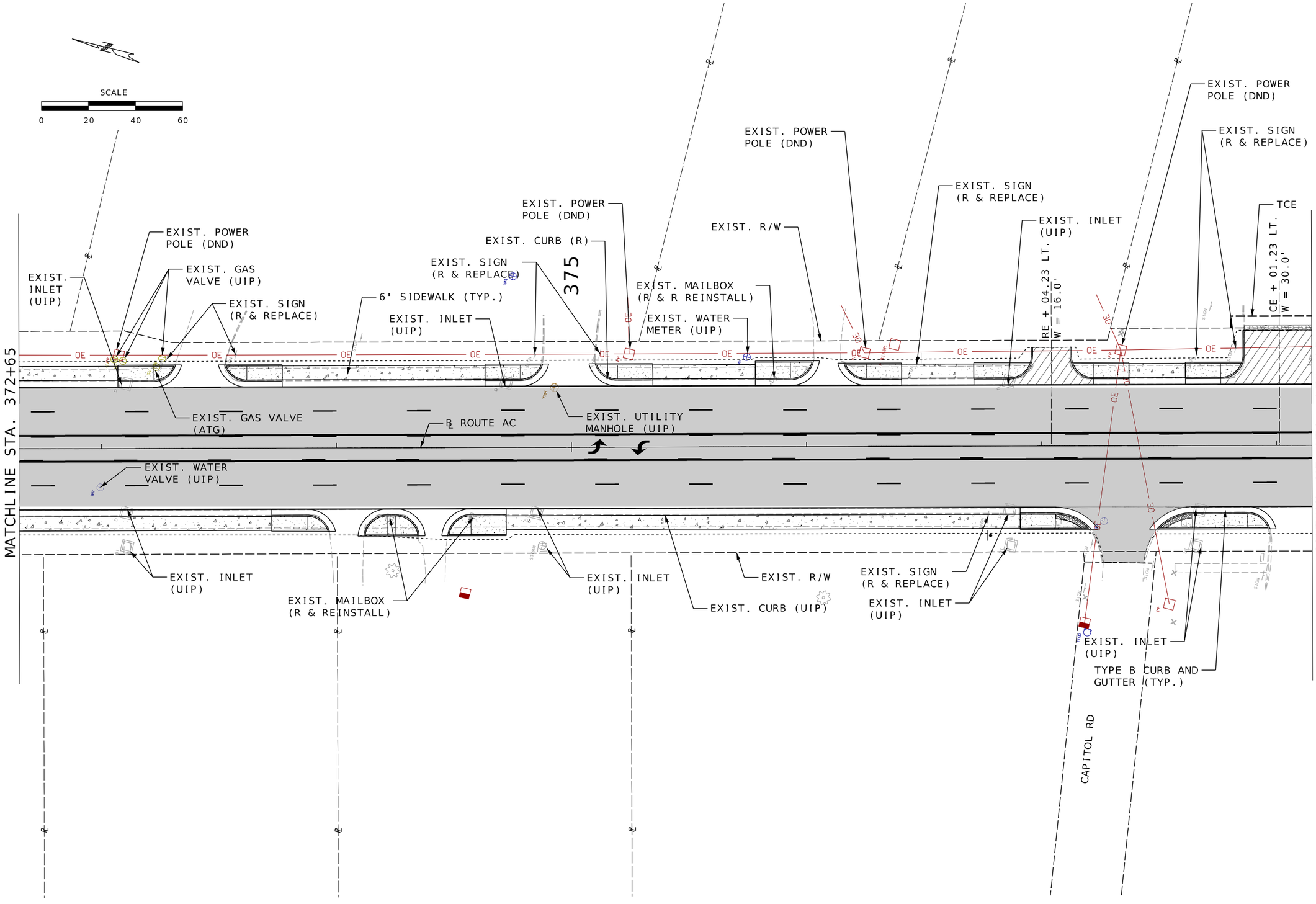
DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 81
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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ROUTE AC UTILITY PLAN
SHEET 14 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:00-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	82

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

THE CLINIC DELIVERANCE AND WORSHIP CENTER

NATIONAL METAL RECYCLING CENTER

MATCHLINE STA. 378+15

MATCHLINE STA. 383+65

EXIST. SIGN (R & REPLACE)

EXIST. INLET (UIP)

EXIST. R/W

6' SIDEWALK (TYP.)

380

EXIST. INLET (UIP)

TYPE B CURB AND GUTTER (TYP.)

EXIST. SIGN (R & REPLACE)

CE ± 45.50 LT.
W = 30.0'

EXIST. POWER POLE WITH RISER (DND)

CE ± 15.40 LT.
W = 30.0'

EXIST. UTILITY MANHOLE (ATG)

EXIST. INLET (UIP)

EXIST. POWER POLE WITH RISER (DND)

PC STA 381+96.23 R2

PT STA 382+83.73 R2

CE ± 20.17 LT.
W = 30.0'

℄ ROUTE AC

EXIST. WATER VALVE (UIP)

EXIST. WATER VALVE (UIP)

EXIST. SIGN (R & REPLACE)

EXIST. INLET (UIP)

EXIST. R/W

EXIST. INLET (UIP)

EXIST. CURB (UIP)

EXIST. INLET (UIP)

ROUTE AC UTILITY PLAN
SHEET 15 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:01-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	83

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

DOLLAR GENERAL

MATT'S MUFFLER & BRAKE

385

BOX CULVERT A1108 (UIP)

RECENTLY CONSTRUCTED SIDEWALK (UIP)

11G2-118S

EXIST. INLET (UIP)

EXIST. POWER POLE WITH RISER (DND)

6' SIDEWALK (TYP.)

EXIST. INLET (UIP)

EXIST. POWER POLE (DND)

EXIST. R/W

EXIST. INLET (UIP)

EXIST. POWER POLE WITH RISER (DND)

MATCHLINE STA. 383+65

MATCHLINE STA. 389+15

℄ ROUTE AC

EXIST. WATER VALVE (UIP)

EXIST. WATER VALVE (UIP)

11G2-111D

EXIST. INLET (UIP) 11G2-110D

EXIST. STORM MANHOLE (ATG)

EXIST. SIGN (R & REPLACE)

TYPE B CURB AND GUTTER (TYP.)

EXIST. INLET (UIP) 11G2-092D

EXIST. SANITARY MANHOLE (UIP)

11G2-091D

EMPIRE DR

EXIST. R/W

RECENTLY CONSTRUCTED SIDEWALK (UIP)

EXIST. CURB (UIP)

EXIST. INLET (UIP)

EXIST. STORM MANHOLE (ATG)

EXIST. CURB (R)

11G2-090D

END MODOT MAINTENANCE LINE

ROUTE AC UTILITY PLAN
SHEET 16 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:01-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	84

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

HALLS FERRY
ANIMAL HOSPITAL

IMO'S

EXIST. UTILITY MANHOLE (ATG)
EXIST. INLET (UIP) 11G3-051D
390
EXIST. POWER POLE (DND)
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (UIP)
6' SIDEWALK (TYP.)
EXIST. POWER POLE (DND)
TYPE "S" CURB
EXIST. WATER METER (UIP)
EXIST. WATER VALVE (UIP)
EXIST. R/W
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)

MATCHLINE STA. 389+15

℄ ROUTE AC

EXIST. INLET (UIP) 11G3-052D

EXIST. WATER VALVE (UIP)

11G3-054D
11G3-041S
11G3-053D

EXIST. CURB (R)

EXIST. LIGHT (DND)

EXIST. R/W
EXIST. INLET (UIP) 11G3-056D
EXIST. POWER POLE (DND)

TYPE B CURB AND GUTTER (TYP.)

EXIST. HYDRANT (DND)

EXIST. LIGHT (DND)

EXIST. INLET (UIP)

EXIST. SIGN (R & REPLACE)

EXIST. INLET (UIP)

MATCHLINE STA. 394+65

ROUTE AC UTILITY PLAN
SHEET 17 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:01-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	85

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SEE SIGNAL AND LIGHTING SHEETS FOR VERTICAL DESIGN ELEMENTS THAT MAY CONFLICT WITH AERIAL UTILTIES.

MATCHLINE STA. 8+00

EXIST. MANHOLE (ATG) 11F4-074S

EXIST. ST. LOUIS COUNTY PULL BOX (ATG)

SCALE 0 20 40 60

EX. WATER METER (DND)

EX. WATER VALVE (ATG)

EX. AT&T MANHOLE (ATG)

EX. UTILIY POLE (DND)

EX. AT&T POLE (R) (BY OTHERS)

EXIST. GAS VALVE (R & RELOC BY OTHERS)

EX. MSD MANHOLE (ATG)

EX. LIGHT (R)

EXIST. POWER POLE (DND)

395

CHAMBERS RD

EX. GAS VALVE (R & RELOC BY OTHERS)

SPIRE (R&RELOC BY OTHERS)

EXIST. POWER POLE (DND)

TCE

EX. STORM MANHOLE (UIP)

PSE

EXIST. R/W

EXIST. POWER POLE (DND)

EXIST. TEL. MANHOLE (DND)

400

MATCHLINE STA. 394+65

SURVEY ℄ ROUTE AC

SPIRE (R & RELOC BY OTHERS)

POT STA 397+70.82 R2

EX. MANHOLE (ATG)

EXIST. GAS VALVE (ATG)

PI STA. 9+91.21 SURVEY ℄ CHAMBERS RD = STA. 397+70.82 SURVEY ℄ ROUTE AC

PI STA 9+91.21

EXIST. WATER VALVE (ATG)

EXIST. WATER VALVE (UIP)

EXIST. WATER VALVE (ATG)

EXIST. WATER VALVE (ATG)

EXIST. LIGHT POLE (R)

EX. LIGHT (R)

EX. WATER VALVE (RELOCATE BY OTHERS)

10

EXIST. GAS VALVE (UIP)

TCE

CE + 47.26 RT. W = 49.0'

EXIST. R/W

EXIST. POWER POLE AND GUY WIRE (DND)

EXIST. UTILITY VALVE TOP (TO BE REPLACED)(BY OTHERS)

EXIST. STORM MANHOLE (DND) 11F4-0216D

EX. PULL BOX (R)

EXIST. POWER POLE (DND)

EXIST. MANHOLE (ATG) 11F4-070S MSD INSPECTION REQUIRED

CE + 07.61 RT. W = 55.0'

TCE

CHAMBERS RD

CE + 57.13 RT. W = 40.2'

EX. R/W

EX. GAS VALVE (UIP)

EX. WATER METER (UIP)

CE + 56.11 RT. W = 9.7'

RE + 85.88 RT. W = 20.3'

EXIST. HYDRANT (DND)

EX. SIGNAL POLE (R)

EX. PULL BOX (R)

SPIRE (R&RELOC BY OTHERS)

EXIST. UTILITY MARKER (RELOCATE BY OTHERS)

EXIST. GAS VALVE (R&RELOC BY OTHERS)

EXIST. MCI HANDHOLE & UTILITY MARKER (ATG)

NEW R/W

STL COUNTY FIBER (R&RELOC)

TCE

EXIST. LIGHT (DND)

EXIST. POWER POLE WITH RISER (DND)

MATCHLINE STA. 11+50

MATCHLINE STA. 400+15

ROUTE AC UTILITY PLAN
SHEET 18 OF 29

c:\bmcd_lib\pw_connect\trn\d0171814\085_UP_J6S3569_I20_17.dgn 1:24:10 PM 1/9/2026

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:28-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	86

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

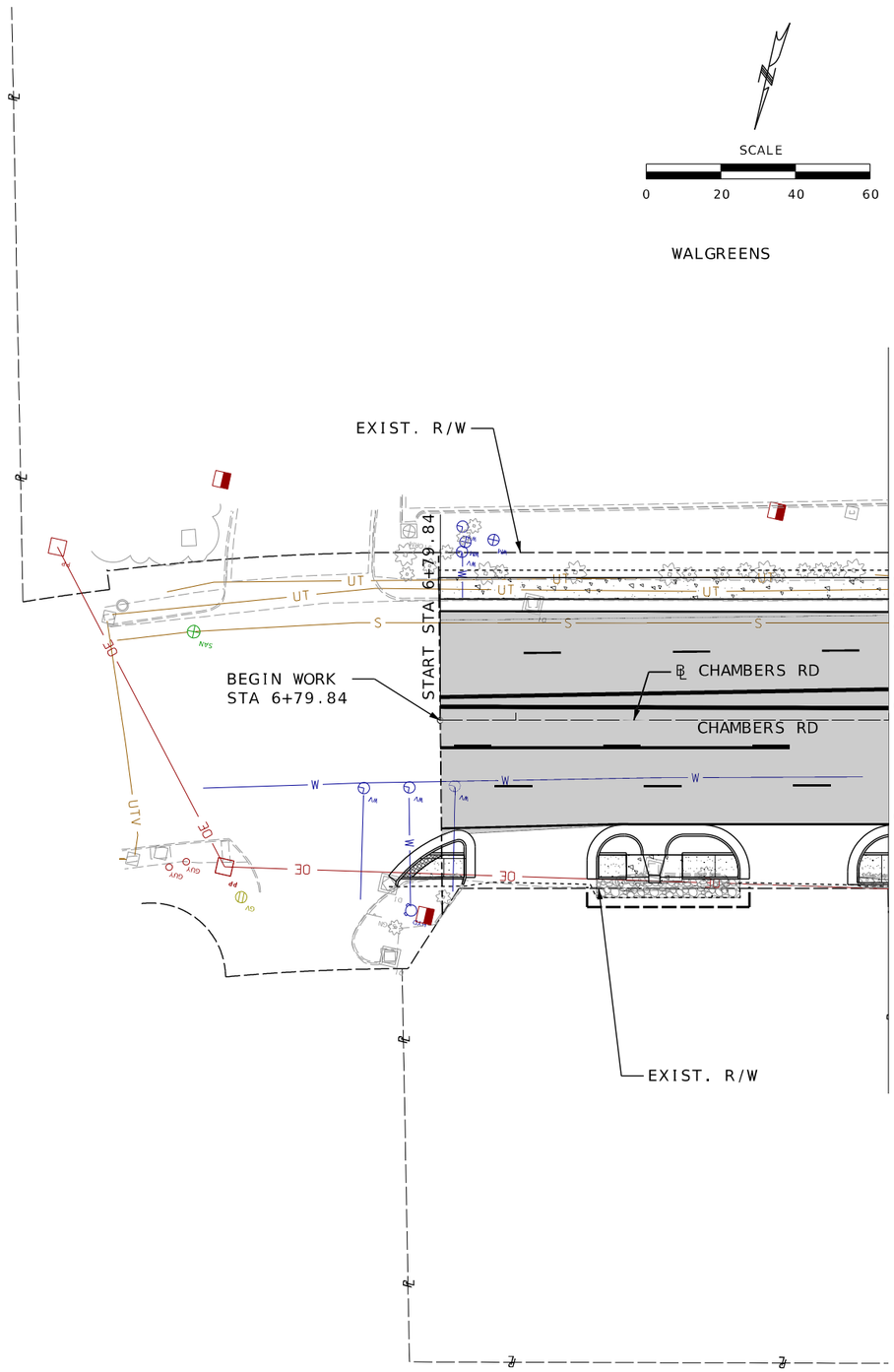
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



ROUTE AC UTILITY PLAN
SHEET 19 OF 29

ALLISON M. BRUNER
NUMBER
PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	87

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

BRONSON REAL ESTATE LLC
2023051200436
2158 CHAMBERS RD
19

A BRIGHTER FUTURE CHILDCARE
& DEVELOPMENT CENTER INC.
23358/1
2140 CHAMBERS RD
21

15

MATCHLINE STA. 11+50

EXIST. STL COUNTY PULL BOX (ATG)
EXIST. STL COUNTY (UIP)
CE + 06.01 LT.
W = 63.5'
TCE
AT&T (DND)
EXIST. R/W
TCE
CE + 80.11 LT.
W = 14.9'
EX. WATER METER (UIP)
EX. WATER VALVE (UIP)
CE + 41.87 LT.
W = 16.7'
END WORK
STA 14+59.77
EX. INLET (UIP)
EX. POWER POLE (DND)
EX. LIGHT (UIP)
SURVEY ℄ CHAMBERS RD
EX. INLET (UIP)
11G3-0127D
EX. INLET (UIP)
11G3-0128D
EX. CHARTER MANHOLE
(ATG BY OTHERS)
EX. SAN. MANHOLE (ATG)
11G3-055S
MSD INSPECTION
REQUIRED
EX. POWER POLE (DND)
EXIST. SPEED LIMIT SIGN (R & REPLACE)
TCE
CE + 96.29 RT.
W = 25.0'
EX. UTILITY POLE (DND)
EX. UTILITY POLE (DND)
EX. PULL BOX (ATG BY OTHERS)
EXIST. R/W
EXIST. BUS STOP SIGN (RELOCATE)
EX. VEGETATION (R)

17
M&I STL ESTATE LLC
24281/335
10005 HALLS FERRY RD

ROUTE AC UTILITY PLAN
SHEET 20 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:28-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	88

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

MATCHLINE STA. 400+15

MATCHLINE STA. 405+65

TCE

CE + 79.88 LT.
W = 32.5'

EXIST. INLET (UIP)

EXIST. POWER
POLE (DND)

EXIST. CURB (UIP)

EXIST. POWER POLE
WITH RISER (DND)

EXIST.
LIGHT (DND)

EXIST. R/W

6' SIDEWALK (TYP.)

EXIST.
SIGN (UIP)

EXIST. POWER POLE
WITH RISER (DND)

EXIST. POWER POLE
WITH RISER (DND)

405

OE

30

℄ ROUTE AC

EXIST. WATER
VALVE (UIP)

EXIST. INLET (UIP)

EXIST. WATER
VALVE (UIP)

PROPOSED LIGHTING

EXIST. SIGN
(UIP)

TYPE B CURB AND
GUTTER (TYP.)

EXIST. SIGN
(UIP)

CE + 49.09 RT.
W = 48.0'

EXIST. POWER
POLE (DND)

CE + 54.74 RT.
W = 40.0'

EXIST. INLET
(UIP)

EXIST. R/W

EXIST. INLET (UIP)

EXIST. SANITARY
MANHOLE (ATG)

EXIST. SIGN
(UIP)

HECHT AVE

EXIST. CURB (UIP)

EXIST. SANITARY
MANHOLE (ATG)

ROUTE AC UTILITY PLAN
SHEET 21 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:01-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	89

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 405+65

MATCHLINE STA. 411+15

℄ ROUTE AC

EXIST. INLET (UIP)

EXIST. POWER POLE WITH RISER (DND)

EXIST. POWER POLE (DND)

EXIST. INLET (UIP)

EXIST. CURB (UIP)

EXIST. R/W

EXIST. POWER POLE (DND)

EXIST. SIGN (UIP)

EXIST. PULL BOX (ATG)

EXIST. INLET (UIP)

EXIST. STORM MANHOLE (ATG)

EXIST. BOLLARDS (DND)(TYP)

EXIST. POWER POLE (DND)

410

30

OE

EXIST. SIGN (UIP)

EXIST. INLET (UIP)

EXIST. STORM MANHOLE (ATG)

EXIST. INLET (UIP)

TYPE B CURB AND GUTTER (TYP)

EXIST. INLET (UIP)

EXIST. STORM MANHOLE (ATG)

EXIST. INLET (UIP)

EXIST. SIGN (UIP)

KAPPEL DR

EXIST. WATER VALVE (UIP)

EXIST. STORM MANHOLE (ATG)

EXIST. SIGN (UIP)

EXIST. INLET (UIP)

EXIST. R/W

6' SIDEWALK (TYP.)

ROUTE AC UTILITY PLAN
SHEET 22 OF 29

c:\bmcd_lib\pw_connect\trn\d0171814\089_UP_J6S3569_I20_19.dgn 12:11:30 PM 11/26/2025

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:02-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	90

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

EXIST. BOLLARDS (DND)(TYP.)
6' SIDEWALK (TYP.)
EXIST. CURB (UIP)
EXIST. POWER POLE (DND)
EXIST. R/W
S.L.
EXIST. INLET (UIP)
TYPE B CURB AND GUTTER (TYP.)
EXIST. POWER POLE (DND)
EXIST. BOLLARDS (R)
EXIST. BOLLARDS (R)
EXIST. POWER POLE (DND)
EXIST. INLET (UIP)
EXIST. CURB (UIP)
415
CE = 40.29 LT.
W = 38.2'
EXIST. CURB (UIP)
EXIST. PULLBOX (ATG)
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)

MATCHLINE STA. 411+15

MATCHLINE STA. 416+65

SURVEY ℄ ROUTE AC
EXIST. SANITARY MANHOLE (ATG) 11F4-064S MSD INSPECTION REQUIRED
EXIST. CURB (UIP)
EXIST. CURB (UIP)
EXIST. INLET (UIP)
CE = 48.60 RT.
W = 59.0'
6' SIDEWALK (TYP.)
EXIST. WATER METER (UIP)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. WATER VALVE (ATG)
RE = 41.66 RT.
W = 13.6'
EXIST. WATER VALVE (ATG)
S.L.
EXIST. CURB (UIP)
TIE INTO EXIST SIDEWALK
EXIST. STAIRS (DND)
EXIST. R/W
EXIST. INLET (UIP)
EXIST. WATER METER (UIP)
RE = 64.41' RT.
W = 14.2'
EXIST. INLET (UIP)
EXIST. STORM MANHOLE (ATG)
EXIST. HYDRANT (DND)
EXIST. WATER VALVE (ATG)
EXIST. INLET (UIP)
EXIST. CURB (UIP)

ROUTE AC UTILITY PLAN
SHEET 23 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:02-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 91
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

JANG, BOON & BAI, CONNIE H/W
15767/1840
9862 HALLS FERRY RD
22

VOID
NO ACQUISITION

POPEYES
SVC ABS LLC
2023031600322
9854 HALLS FERRY RD
23

MATCHLINE STA. 416+65

MATCHLINE STA. 421+50

EXIST. POWER POLE (DND)
CE + 91.22 LT.
W = 35.0'
EXIST. INLET (ATG)
EXIST. POWER POLE (DND)
EXIST. POWER POLE (DND)
TCE
CE + 68.14 LT.
W = 30.0'
EXIST. WATER METER (DND)
EXIST. INLET (UIP)
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (UIP)
EXIST. POWER POLE (DND)
420
30
SURVEY ℄ ROUTE AC
EXIST. SANITARY MANHOLE (ATG) 12F1-069S MSD INSPECTION REQUIRED
EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. WATER VALVE (ATG)
EX. STORM MANHOLE (ATG) 12F1-172D MSD INSPECTION REQUIRED
EX. PULL BOX (UIP)
EXIST. INLET (DND)
CE + 34.79 RT.
W = 50.0'
EXIST. AT&T PULLBOX (DND)
EXIST. INLET (DND)
EXIST. INLET (UIP)
EXIST. INLET (DND)
EXIST. POWER POLE (UIP)
TCE
CE + 28.50 RT.
W = 59.0'
EXIST. INLET (UIP)
EXIST. LIGHT (UIP)

GALAXY HOLDINGS LLC
24588/5894
9861 HALLS FERRY RD
24

25
MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

26
HALLS FERRY AUTO
WALLACE VINCENT C
19815/2836
9843 HALLS FERRY RD

25
MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

ROUTE AC UTILITY PLAN
SHEET 24 OF 29

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ALLISON M. BRUNER NUMBER PE: 2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:28-06'00'

DATE PREPARED: 1/9/2026
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 92
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

EXIST. GAS VALVE (UIP)
EXIST. POWER POLE (DND)
EXIST. GAS VALVE (DND)
EXIST. STORM MANHOLE (UIP)
EXIST. POWER POLE (DND)
EXIST. R/W
EXIST. SIGNAL POLE (DND)
EXIST. PULL BOX (DND)
EXIST. WATER METER (R & RELOC BY OTHERS)
EXIST. INLET (UIP)
EXIST. WATER METER (UIP)
EXIST. POWER POLE (DND)
EXIST. MAILBOX (R & REINSTALL BEHIND SIDEWALK) STA. 426+34.77
EXIST. POWER POLE (DND)

CE + 52.09 LT.
W = 28.0'
CE + 71.34 LT.
W = 15.0'
425
PC STA 422+63.95 R2

MATCHLINE STA. 421+50
MATCHLINE STA. 426+60

EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. SAN. MANHOLE (ATG)12F1-077S MSD INSPECTION REQUIRED
SURVEY ℄ ROUTE AC
STA. 0+00.00
0
EXIST. WATER VALVE (ATG)
EXIST. KEEP RIGHT SIGN (R & REPLACE)
EXIST. INLET (ATG)
EX. WATER VALVE (ATG)
EX. FIRE HYDRANT (DND)
EX. WATER METER (DND)
EXIST. LIGHT (DND)
EXIST. GAS VALVE (DND)
TCE
PSE
CE + 63.50 RT.
W = 55.0'
EX. MANHOLE (ATG) 12F1-097D MSD INSPECTION REQUIRED
EXIST. MANHOLE (ATG) 12F1-095D MSD INSPECTION REQUIRED
CE + 44.29 RT.
W = 30.0'
EXIST. WATER METER (UIP)
EXIST. R/W
EXIST. STORM MANHOLE (DND)
EX. GAS VALVE (ATG)
EXIST. INLET (UIP)
EXIST. LIGHT (DND)
EXIST. WARNING SIGN (R & REPLACE)
EXIST. MODOT LIGHTING PULL BOX (ATG)
TCE
VOID
NO ACQUISITION
STA. 0+00.00 ℄ LUCAS HUNT RD = STA. 422+89.29 ℄ ROUTE AC
EX. YIELD SIGN (R & REPLACE)
EXIST. WARNING SIGN (R & REPLACE)
EXIST. SANITARY MANHOLE (ATG) 12F1-094D MSD INSPECTION REQUIRED
LUCAS HUNT RD

25
MBM TRANSPORTATION LLC
24856/390
9845 HALLS FERRY RD

27
GREEN, JACKIE
15174/181
9833 HALLS FERRY RD

28
WILLIAM C HARRIS FD LLC
21153/484
9825 HALLS FERRY RD

ROUTE AC UTILITY PLAN
SHEET 25 OF 29

ALLISON M. BRUNER NUMBER PE: 2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:28-06'00'

DATE PREPARED: 1/9/2026
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 93
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 426+60

MATCHLINE STA. 432+10

EXIST. POWER POLE (DND)

EXIST. POWER POLE (DND)

CE + 30.28 LT.
W = 30.6'

EXIST. INLET (UIP)

EXIST. R/W

CE + 08.52 LT.
W = 32.2'

EXIST. POWER POLE (DND)

TCE

CE + 75.41 LT.
W = 30.0'

430

EXIST. WATER VALVE (ATG)

PROJECT J613573B LIMITS

SURVEY ℄ ROUTE AC

EXIST. INLET (UIP)

EXIST. POWER POLE (DND)

EXIST. SAN. MANHOLE (ATG) 12F1-083S MSD INSPECTION REQUIRED

EXIST. WATER VALVE (ATG)

PROJECT J6I3573B LIMITS

EXIST. WATER VALVE (DND)

EXIST. BUS STOP SIGN (R&RELOC) STA . 426+51

EXIST. WATER METER (DND)

CE + 12.70 RT.
W = 25.0'

EXIST. INLET (UIP)

EXIST. WATER VALVE (RELOCATE BY OTHERS)

EXIST. R/W

EXIST. POWER POLE (DND)

EXIST. INLET (UIP)

EXIST. INLET (UIP)

EXIST. HYDRANT (UIP)

SAM'S MARKET

ROUTE AC UTILITY PLAN
SHEET 26 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	94

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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BMcD Project No. 170015

SCALE

0 20 40 60

MATCHLINE STA. 432+10

435

6' SIDEWALK (TYP.)

12" VCP

J6I3573B PROJECT LIMITS

℄ ROUTE AC

EQUATION:
STA 435+73.29 BK = PT STA 435+77.66 R3
STA 435+77.65

MATCHLINE STA. 437+60

J6I3573B PROJECT LIMITS

CE + 92.90 RT.
W = 37.0'

SUN VALLEY DR

DORWOOD DR

EXIST. HYDRANT
(UIP)

ROUTE AC UTILITY PLAN
SHEET 27 OF 29

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	95

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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BMcD Project No. 170015

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SCALE

0 20 40 60

MATCHLINE STA. 437+60

EXIST. INLET (UIP)

EXIST. GAS VALVE (DND)

6' SIDEWALK (TYP.)

EXIST. WATER VALVE (UIP)

EXIST. INLET (UIP)

℄ ROUTE AC

PC STA 439+42.96 R3

CE + 76.96 RT.
W = 15.0'

440

EXIST. R/W

EXIST. POWER POLE (DND)

EXIST. CURB (UIP)

PT STA 440+53.58 R3

EXIST. GAS VALVE (ATG)

EXIST. POWER POLE (DND)

CE + 91.19 RT.
W = 16.0'

TYPE B CURB AND GUTTER (TYP.)

EXIST. HYDRANT (DND)

EXIST. R/W

EXIST. WATER METER (DND)

EXIST. POWER POLE (DND)

EXIST. SIGN (UIP)

EXIST. INLET (UIP)

EXIST. STORM MANHOLE (UIP)

EXIST. INLET (UIP)

MATCHLINE STA. 443+10

ROUTE AC UTILITY PLAN
SHEET 28 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	96

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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SCALE

0 20 40 60

EXIST. POWER POLE (DND)

EXIST. R/W

EXIST. SIGN (DND)

EXIST. GAS VALVE (DND)

EXIST. SIGN (UIP)

MATCHLINE STA. 443+10

℄ ROUTE AC

END STA 444+21.11 R3

EXIST. R/W

TYPE B CURB AND GUTTER (TYP.)

END PROJECT STA 444+21.11

ROUTE AC UTILITY PLAN
SHEET 29 OF 29

ALLISON M. BRUNER
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PROFESSIONAL ENGINEER
STATE OF MISSOURI

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AC	MO
DISTRICT	SHEET NO.
SL	97

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

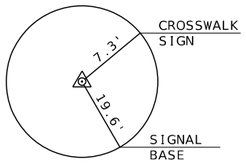
Burns & McDonnell Engineering Co., Inc.

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Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

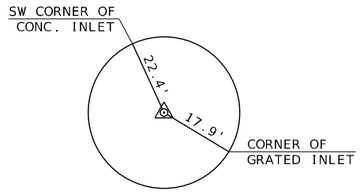
BMcD Project No. 170015

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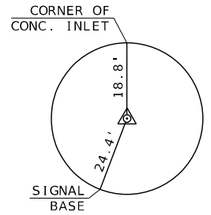
CP WP#1 - SET 80D NAIL

N=1065539.351
E=889440.346
EL.=466.570



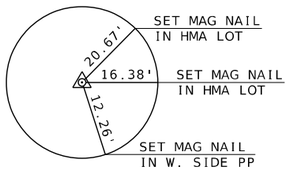
CP WP#2 - SET 80D NAIL

N=1065265.385
E=889509.878
EL.=464.360



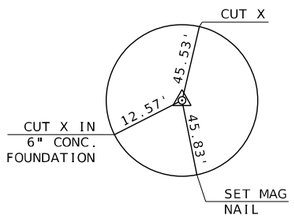
CP WP#4 - SET 80D NAIL

N=1061911.784
E=890305.422
EL.=463.902



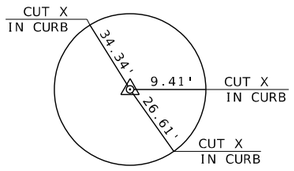
CP #PE100 - SET 5/8" REBAR W/CAP

N=1058519.810
E=891172.221
EL.=452.139



CP #PE101 - SET 5/8" REBAR W/CAP

N=1059052.541
E=890893.880
EL.=455.110



CP #PE102 - SET 5/8" REBAR W/CAP

N=1058056.628
E=891288.427
EL.=450.920

BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH MISSOURI STATE PLANE COORDINATE SYSTEM 1983 EASTERN ZONE. FROM MISSOURI GEOGRAPHIC REFERENCE SYSTEM MODOT BELLEFONT CORS ARP MOBF, N 325,298.422M, E 272023.953M, GRID FACTOR 0.99991849, DATE OF ADJUSTMENT 2011.

THE ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 1988. FROM MISSOURI GEOGRAPHIC REFERENCE SYSTEM MODOT BELLEFONT CORS ARP MOBF, ELEVATION 538.18 FEET, DATE OF ADJUSTMENT 2011.

ROUTE AC REFERENCE POINTS
SHEET 01 OF 01

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:03-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	98

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

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ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MO STATE PLANE 1983, EASTERN
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1983
GEOID MODEL	18 US
ELEVATIONS DETERMINED BY	GPS
PROJECT PROJECTION FACTOR	1.0000878

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	BELLEFONT CORS ARP
CONTROL STATION	GPS
DESIGNATION	GPS
CORS_ID	MOBF
PID	DN6075
LATITUDE	38°45'51.51915"
LONGITUDE	90°14'47.69221"
NORTHING (M)	325,298.422
EASTING (M)	272,023.953
ZONE	EASTERN
PROJECT AVERAGE GRID FACTOR	0.9999122

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #WP#1
N 1065539.351 X 0.9999122 = N 1065445.797
E 889440.346 X 0.9999122 = E 889362.253

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
WP#1	359+65.45	HALLS FERRY	43.96'RT	1065539.351	889440.346	466.570	80D NAIL	
WP#2	362+47.39	HALLS FERRY	39.80'RT	1065265.385	889509.878	464.360	80D NAIL	
WP#4	396+94.30	HALLS FERRY	53.42'RT	1061911.784	890305.422	463.902	80D NAIL	
PE100	431+88.29	HALLS FERRY	63.39'RT	1058519.810	891172.221	452.139	5/8" REBAR W/CAP	
PE101	426+03.69	HALLS FERRY	148.83'RT	1059052.541	890893.880	455.110	5/8" REBAR W/CAP	
PE102	437+53.07	HALLS FERRY	154.11'RT	1058056.628	891288.427	450.920	5/8" REBAR W/CAP	
ALIGNMENTS								
ALIGN1	315+00.00	HALLS FERRY	℄	1069248.432	887197.459		P.O.T.	
ALIGN1	334+46.85	HALLS FERRY	℄	1067837.043	888538.425		P.C.	
ALIGN1	342+09.64	HALLS FERRY	℄	1067284.045	889063.828		P.I.	
ALIGN1	349+37.80	HALLS FERRY	℄	1066542.971	889244.509		EQNBK	
ALIGN1	349+43.27	HALLS FERRY	℄	1066542.971	889244.509		EQNAHD	
ALIGN1	349+43.28	HALLS FERRY	℄	1066542.958	889244.512		P.T.	
ALIGN1	356+71.29	HALLS FERRY	℄	1065835.667	889416.958		P.C.	
ALIGN1	357+90.98	HALLS FERRY	℄	1065719.388	889445.306		P.I.	
ALIGN1	359+10.65	HALLS FERRY	℄	1065602.543	889471.220		P.R.C.	
ALIGN1	360+30.34	HALLS FERRY	℄	1065485.698	889497.134		P.I.	
ALIGN1	361+50.01	HALLS FERRY	℄	1065369.419	889525.482		P.T.	
ALIGN1	381+96.23	HALLS FERRY	℄	1063381.427	890010.151		P.C.	
ALIGN1	382+42.48	HALLS FERRY	℄	1063336.493	890021.106		P.I.	
ALIGN1	382+88.73	HALLS FERRY	℄	1063291.501	890031.818		P.T.	
ALIGN1	397+70.82	HALLS FERRY	℄	1061849.718	890375.113		P.I.	
ALIGN1	422+63.95	HALLS FERRY	℄	1059423.426	890948.536		P.C.	
ALIGN1	429+21.49	HALLS FERRY	℄	1058783.516	891099.771		P.I.	
ALIGN1	435+73.29	HALLS FERRY	℄	1058194.513	891392.034		EQNBK	
ALIGN1	435+77.65	HALLS FERRY	℄	1058194.513	891392.034		EQNAHD	
ALIGN1	435+77.66	HALLS FERRY	℄	1058194.503	891392.039		P.T.	
ALIGN1	439+42.96	HALLS FERRY	℄	1057867.273	891554.411		P.C.	
ALIGN1	439+98.27	HALLS FERRY	℄	1057817.726	891578.995		P.I.	
ALIGN1	440+53.58	HALLS FERRY	℄	1057768.502	891604.220		P.T.	
ALIGN1	444+21.11	HALLS FERRY	℄	1057441.417	891771.830		P.O.T.	

ROUTE AC CONTROL POINTS
SHEET 01 OF 01

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	99

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
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BMcD Project No. 170015

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ALL STAGES
PEDESTRIAN TRAFFIC CONTROL

USE PEDESTRIAN SIGNAGE AND BARRICADES TO DETOUR PEDESTRIANS TO THE NEAREST CROSSWALK WHEN CROSSWALKS, RAMPS, SIDEWALKS, AND OTHER PEDESTRIAN FACILITIES ARE CLOSED.

STAGE 1 - DRAINAGE
TRAFFIC CONTROL

CLOSE OUTSIDE LANE WITH CHANNELIZERS. MAINTAIN A MINIMUM OF ONE LANE.

CONSTRUCTION

MODIFICATIONS TO EXISTING DRAINAGE STRUCTURES.

STAGE 2 - WORK OUTSIDE ROUTE AC EDGE OF PAVEMENT
TRAFFIC CONTROL

CLOSE OUTSIDE SHOULDERS AND LANES WITH CHANNELIZERS. MAINTAIN A MINIMUM OF ONE LANE.

CONSTRUCTION

CONSTRUCT CURB AND GUTTER, SIDEWALK, DRAINAGE FLUMES, GUARDRAIL, PERMANENT CONCRETE BARRIER, AND PAVED APPROACHES.

STAGE 3 - ROUTE AC INTERSECTIONS
TRAFFIC CONTROL

CLOSE OUTSIDE SHOULDERS AND LANES WITH CHANNELIZERS. MAINTAIN A MINIMUM OF ONE LANE EACH DIRECTION.

CONSTRUCTION

CONSTRUCT NEW SIGNAL AND LIGHTING INFRASTRUCTURE AND REMOVE EXISTING. FOR FULL SIGNAL REPLACEMENT, USE EXISTING IN PLACE UNTIL NEW IS READY FOR OPERATION.

STAGE 4 - ROUTE AC COLDMILL AND OVERLAY
TRAFFIC CONTROL

CLOSE ONE LANE WITH CHANNELIZERS. MAINTAIN A MINIMUM OF ONE LANE EACH DIRECTION. SIDE ROAD OVERLAYS MAY REQUIRE CLOSURES WITH DETOURS OR A FLAGGING OPERATION TO MAINTAIN ACCESS.

CONSTRUCTION

COLDMILL AND OVERLAY ASPHALT PAVEMENT.

ROUTE AC TRAFFIC CONTROL
SHEET 01 OF 13

STATE OF MISSOURI
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AC	MO
DISTRICT	SHEET NO.
SL	100

COUNTY
ST. LOUIS

JOB NO.
J6S3569

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PROJECT NO.

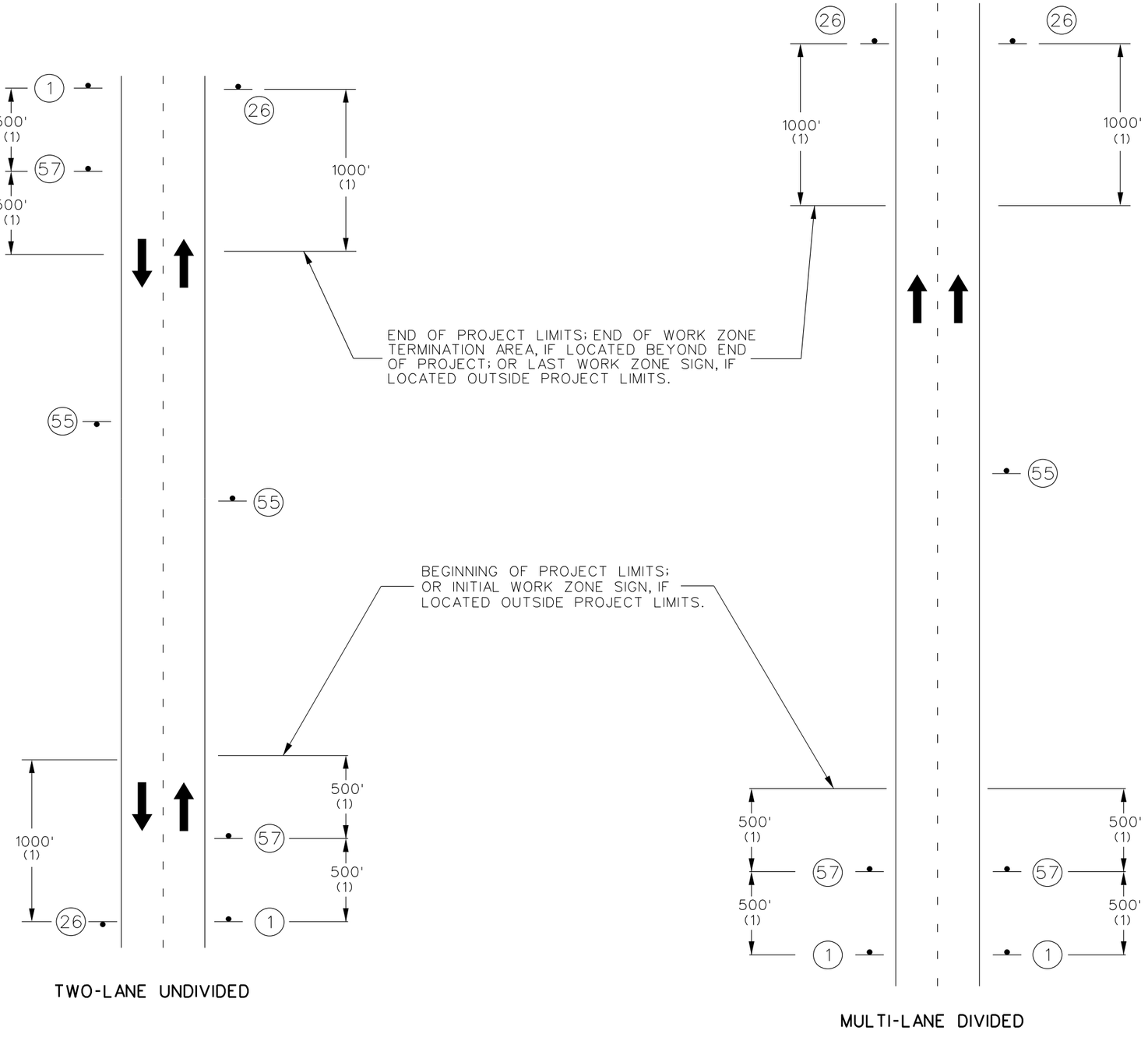
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NOTES:
SIGN GO20-1 IS REQUIRED PER EPG 616.6.56.

SIGN GO20-2 IS USED ON ALL PROJECTS WHERE SIGN GO20-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) CONST-5-96 OR CONST-5-48 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.

(4) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHTS OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(5) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



GO20-1
(1)

GO20-2
(26)



SPECIAL (5)
(57)



CONST-5-96 (3)
CONST-5-48 (3)(4)
(55)

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:03-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	101

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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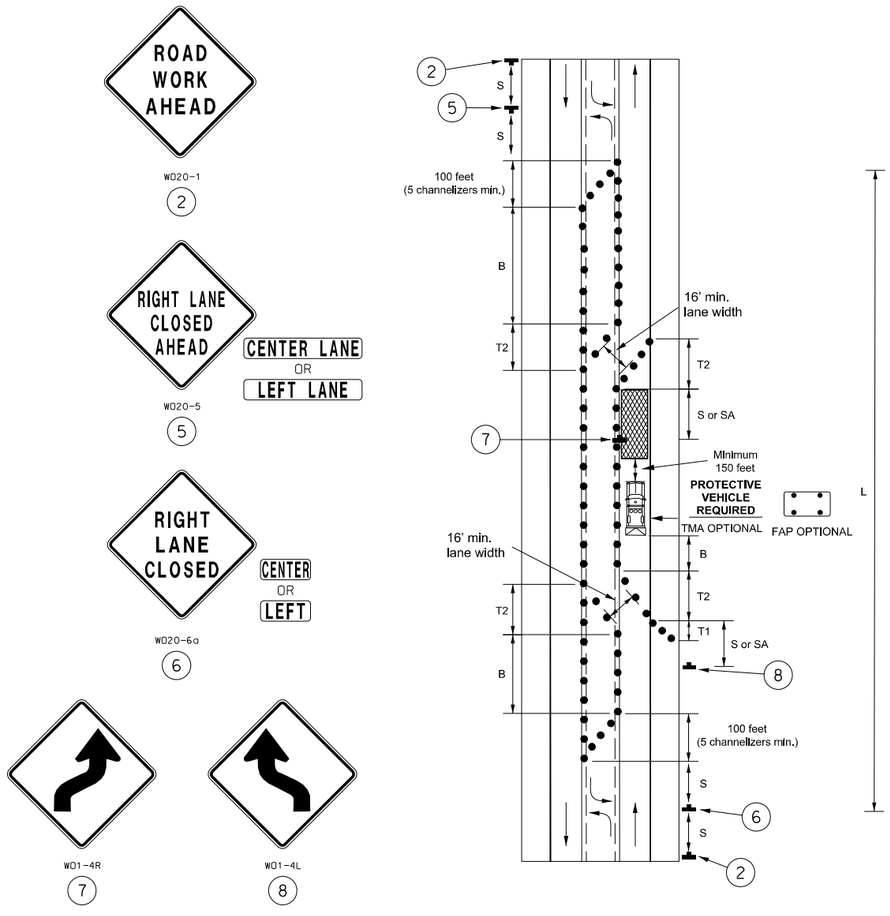
616.8.30STWLTL (TA-30STWLTL) Stationary Lane Closure with a Two-Way Left Turn Lane

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	70	245	250	35	40
40-45	350	150	540	360	40	80

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 MI.
RURAL UNDIVIDED	1' Portable 5' Post	3 MI.

Channelizer
Flashing Arrow Panel (FAP)
Protective Vehicle
Sign
Work Space
Truck/Trailer Mounted Attenuator (TMA)



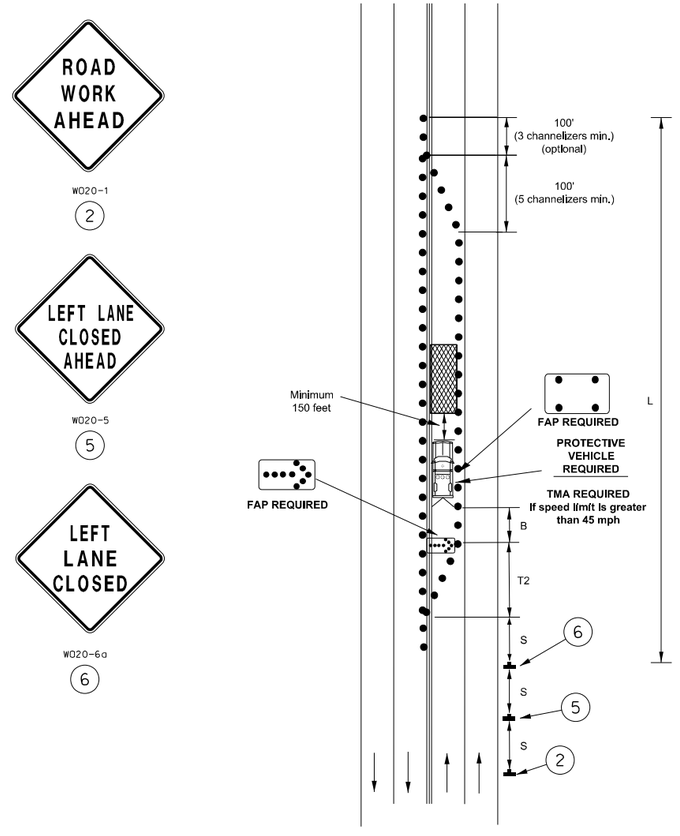
616.8.33S (TA-33S) Stationary Lane Closure on a Multi-Lane Highway

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	70	245	250	35	40
40-45	350	150	540	360	40	80

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 MI.
RURAL UNDIVIDED	1' Portable 5' Post	3 MI.

Channelizer
Flashing Arrow Panel (FAP)
Protective Vehicle
Sign
Work Space
Truck/Trailer Mounted Attenuator (TMA)



NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 03 OF 13

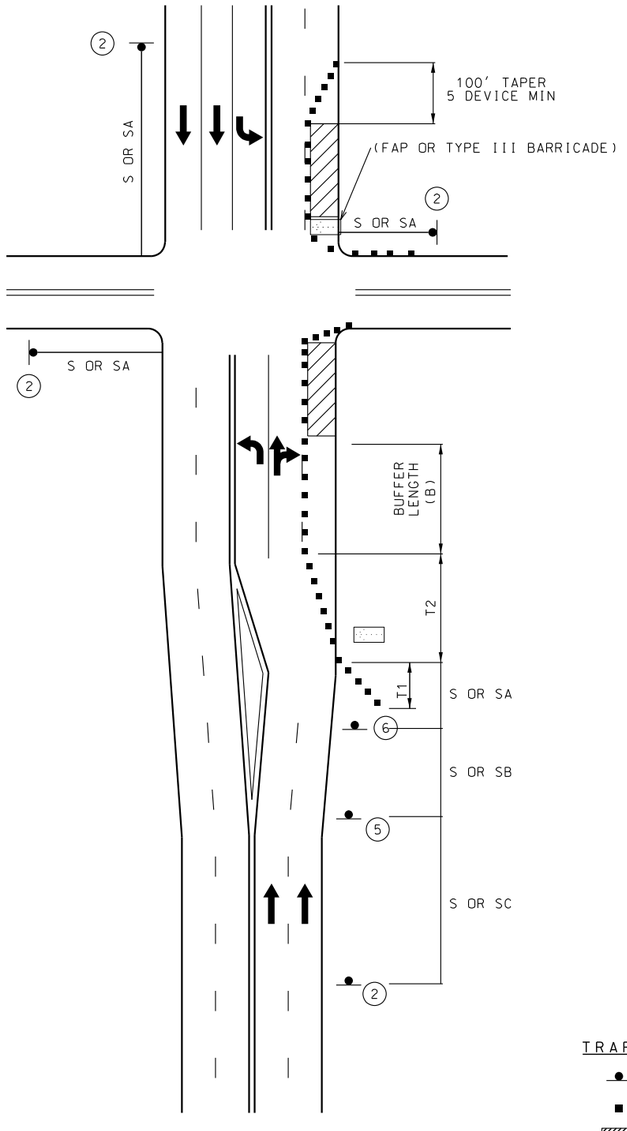
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:03-06'00'

DATE PREPARED: 11/26/2025
ROUTE: AC
STATE: MO
DISTRICT: SL
SHEET NO.: 102
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015



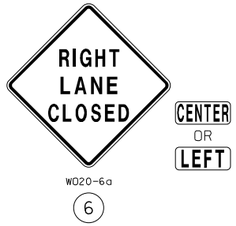
RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE



BRIDGE OR RAMP



CENTER OR LEFT



CENTER OR LEFT

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 04 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:03-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	103

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

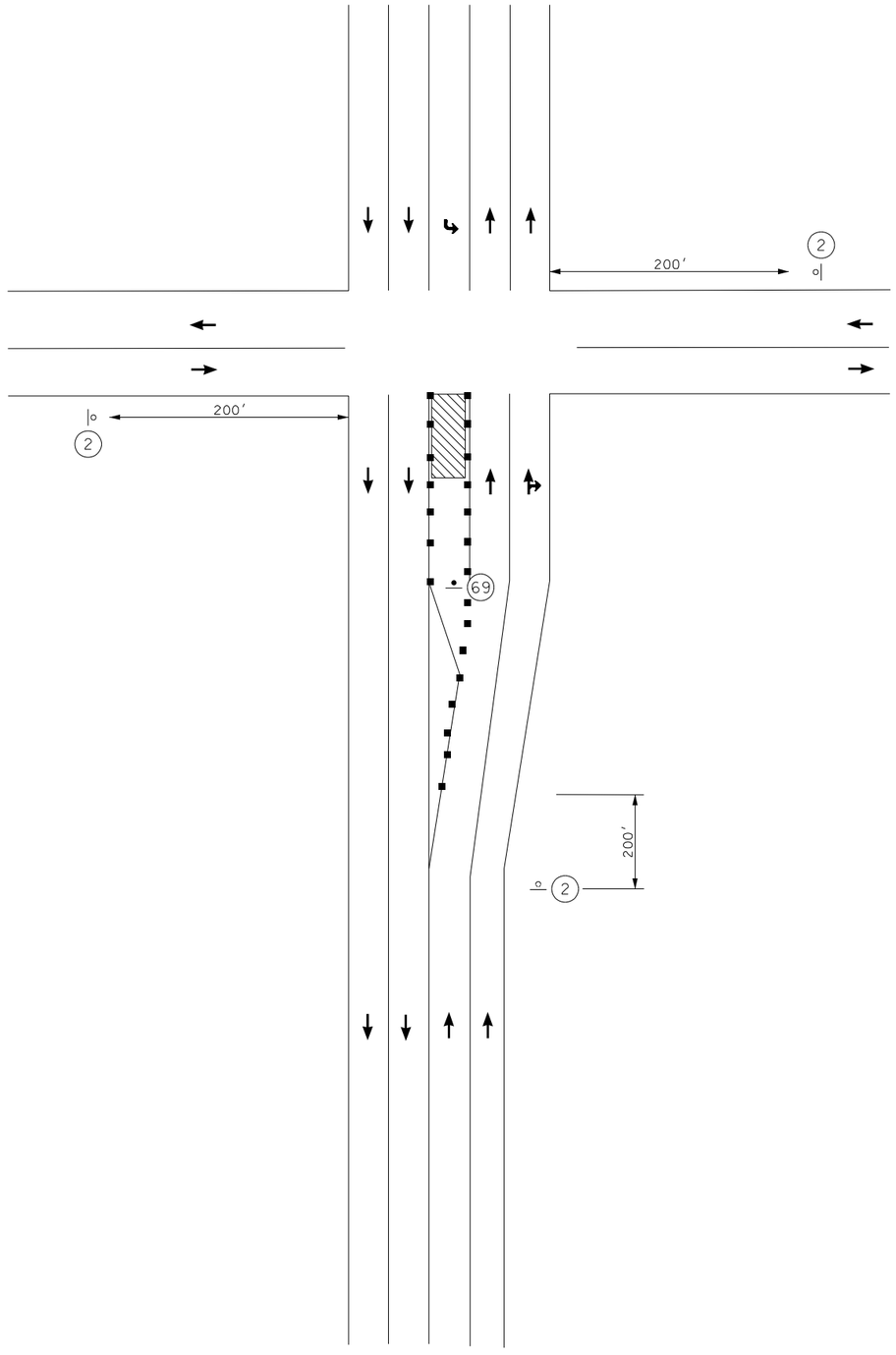
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

TURN LANE CLOSURE AT INTERSECTION



NOT TO SCALE

NOTES:

1. SIGN SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING OF TCP SIGNS.
4. CHANNELIZER LENGTHS MAY BE REDUCED AT INTERSECTIONS OR OTHER SPOTS TO DISCOURAGE TRAFFIC ENCROACHMENT.

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.



W020-1
2



R3-2
69

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA
- DIRECTIONAL INDICATOR BARRICADE
- FLASHING ARROW PANEL
- TRUCK MOUNTED ATTENUATOR

ROUTE AC TRAFFIC CONTROL
SHEET 05 OF 13

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	104

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

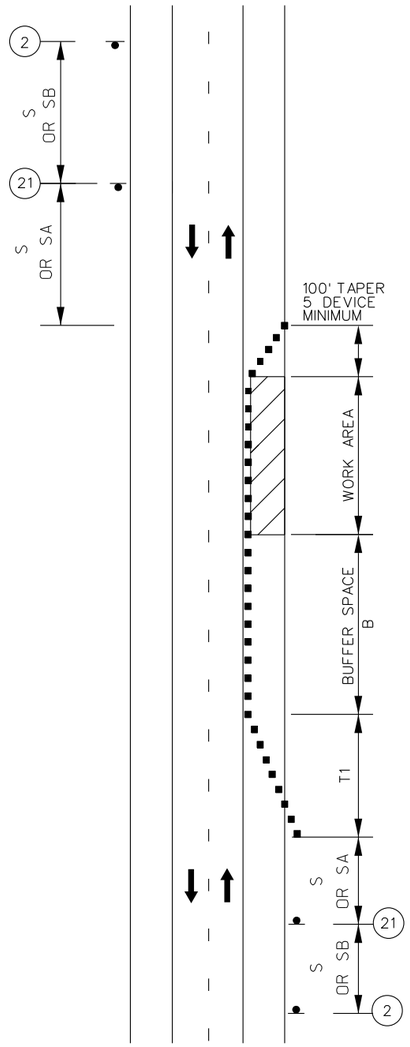
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DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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Burns & McDonnell Engineering Co., Inc.
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Chesterfield, Missouri 63017
314-682-1500
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No. : 000165
BMcD Project No. 170015

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							



WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA

NOT TO SCALE



W020-1

2



W021-5b

21

NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

ROUTE AC TRAFFIC CONTROL
SHEET 06 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:04-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	105

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

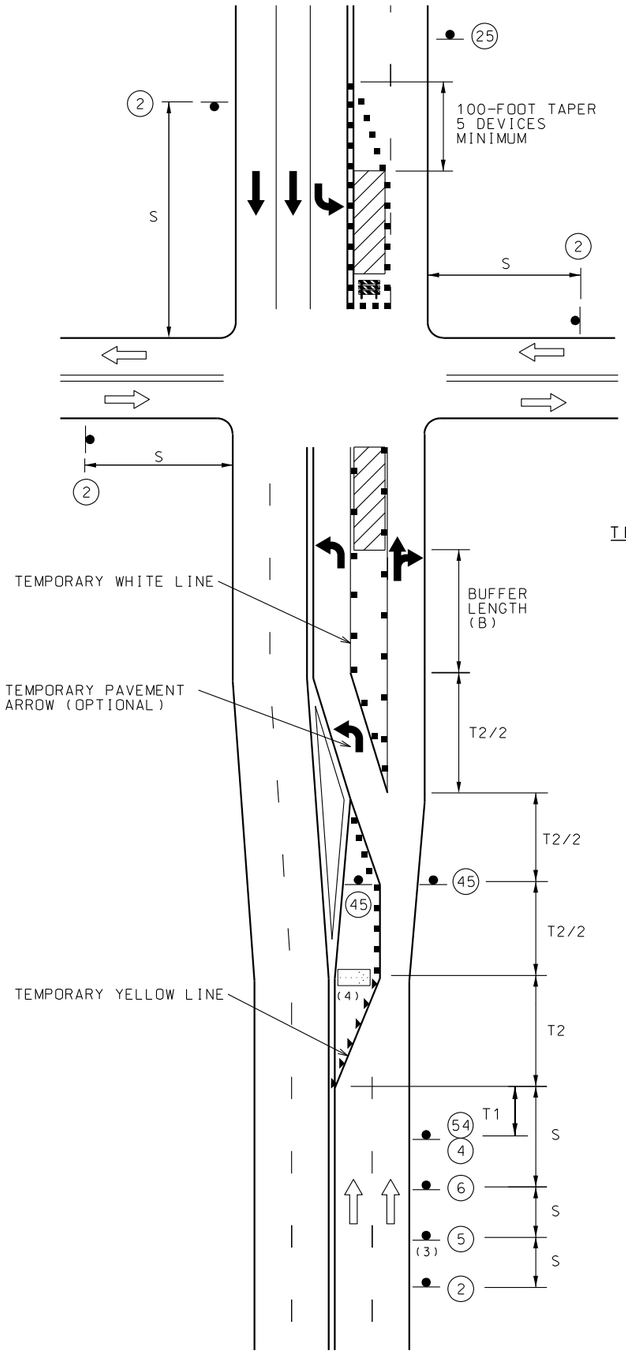
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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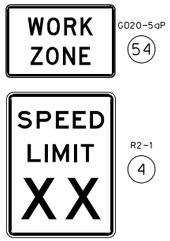


LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

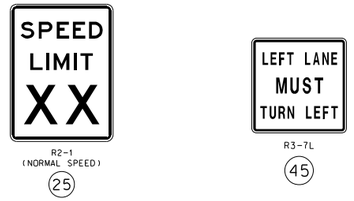
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE







NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 07 OF 13

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:04-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	106

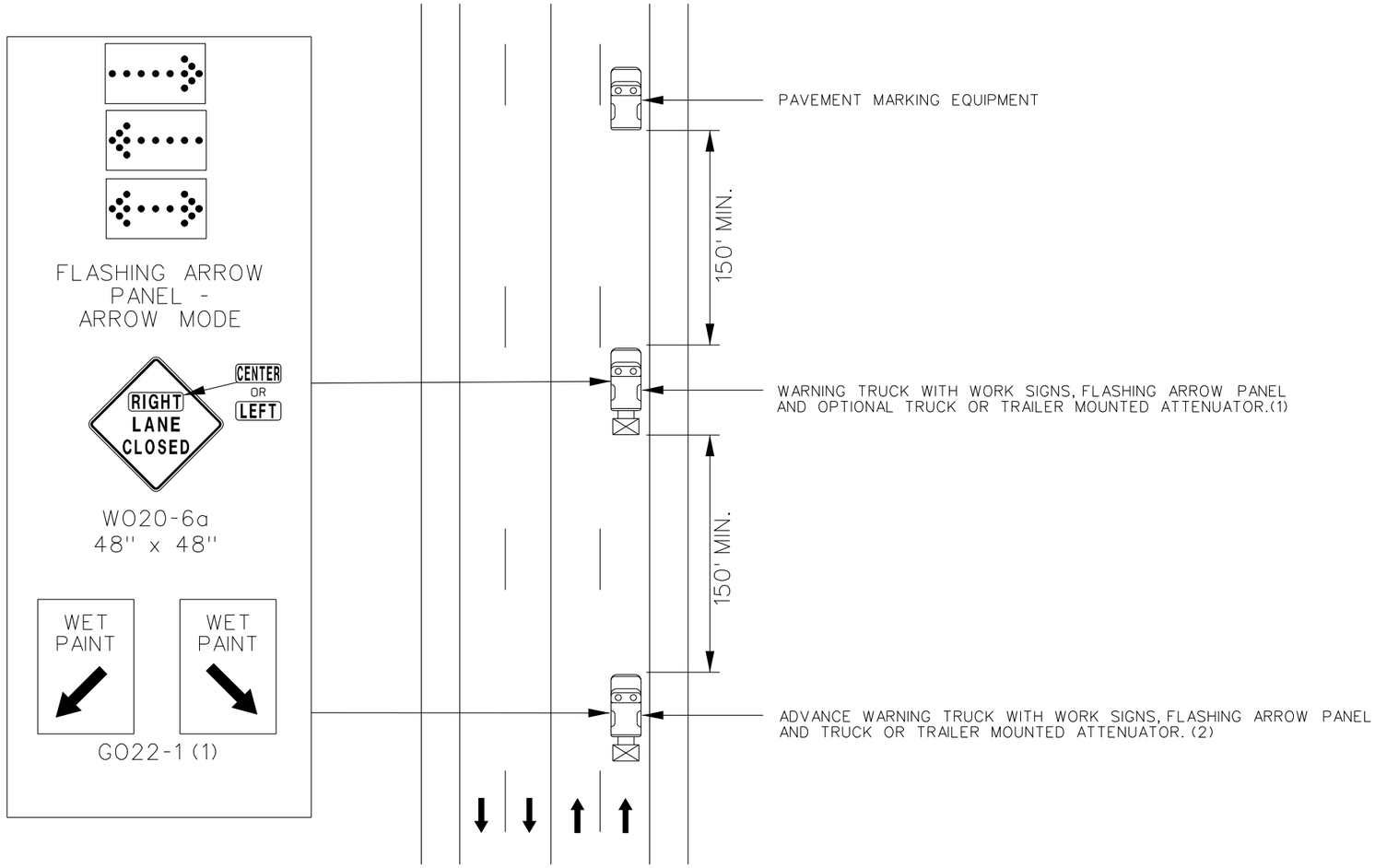
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

CENTER LINE AND OR LANE LINE STRIPING ON MULTI-LANE DIVIDED HIGHWAYS



MULTI-LANE HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING LIGHTS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH LANE.

NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 08 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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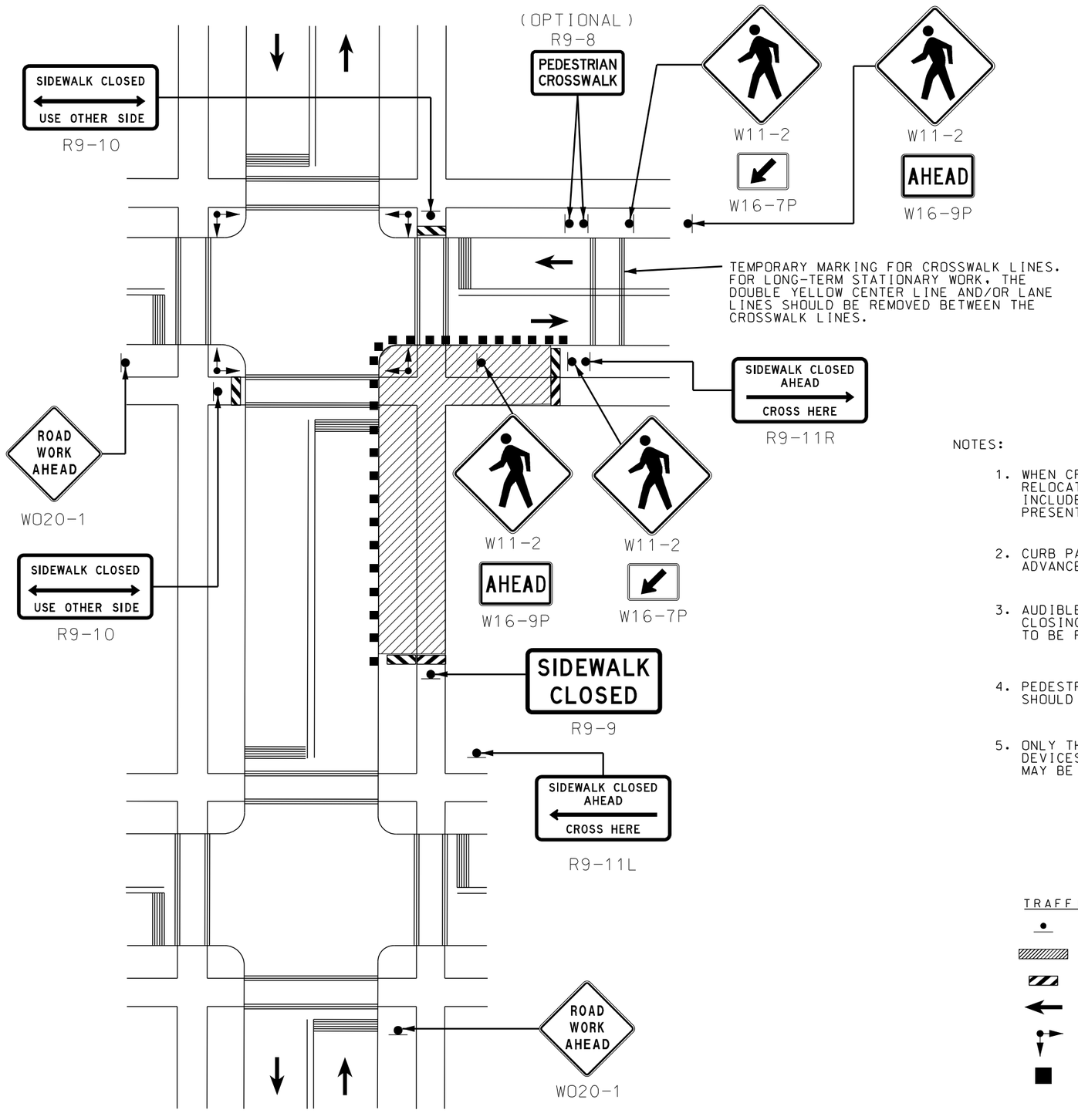
ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	107

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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No. : 000165
BMcD Project No. 170015
BURNS McDONNELL



CROSSWALK CLOSURES AND PEDESTRIAN DETOURS

NOT TO SCALE

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

2. CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MIDBLOCK CROSSWALK.

3. AUDIBLE INFORMATION DEVICES SHOULD BE CONSIDERED WHERE MIDBLOCK CLOSINGS AND CHANGED CROSSWALK AREAS CAUSE INADEQUATE COMMUNICATION TO BE PROVIDED TO PEDESTRIANS WHO HAVE VISUAL DISABILITIES.

4. PEDESTRIAN TRAFFIC SIGNALS DISPLAYS CONTROLLING CLOSED CROSSWALKS SHOULD BE COVERED OR DEACTIVATED.

5. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TRAFFIC OR PEDESTRIAN SIGNAL
- CHANNELIZER (TRIM-LINE)

STATE OF MISSOURI
ALLISON M. BRUNER
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PROFESSIONAL ENGINEER
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ROUTE	STATE
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CONTRACT ID.

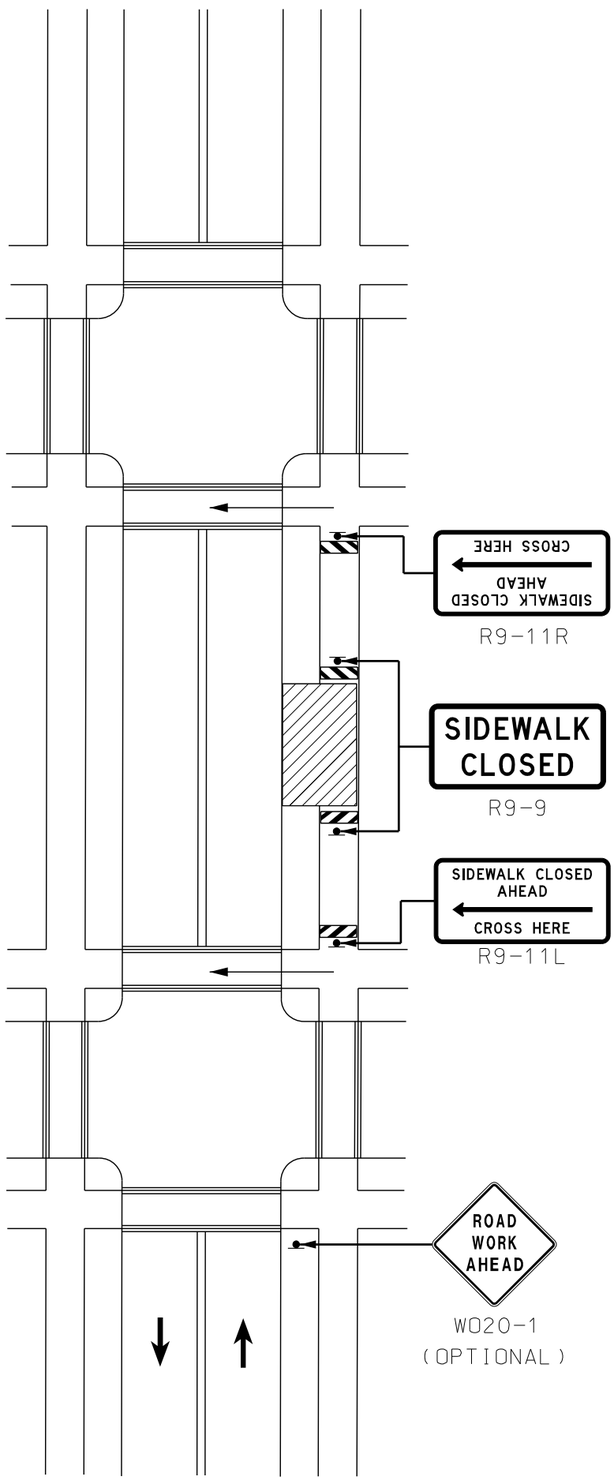
PROJECT NO.

BRIDGE NO.

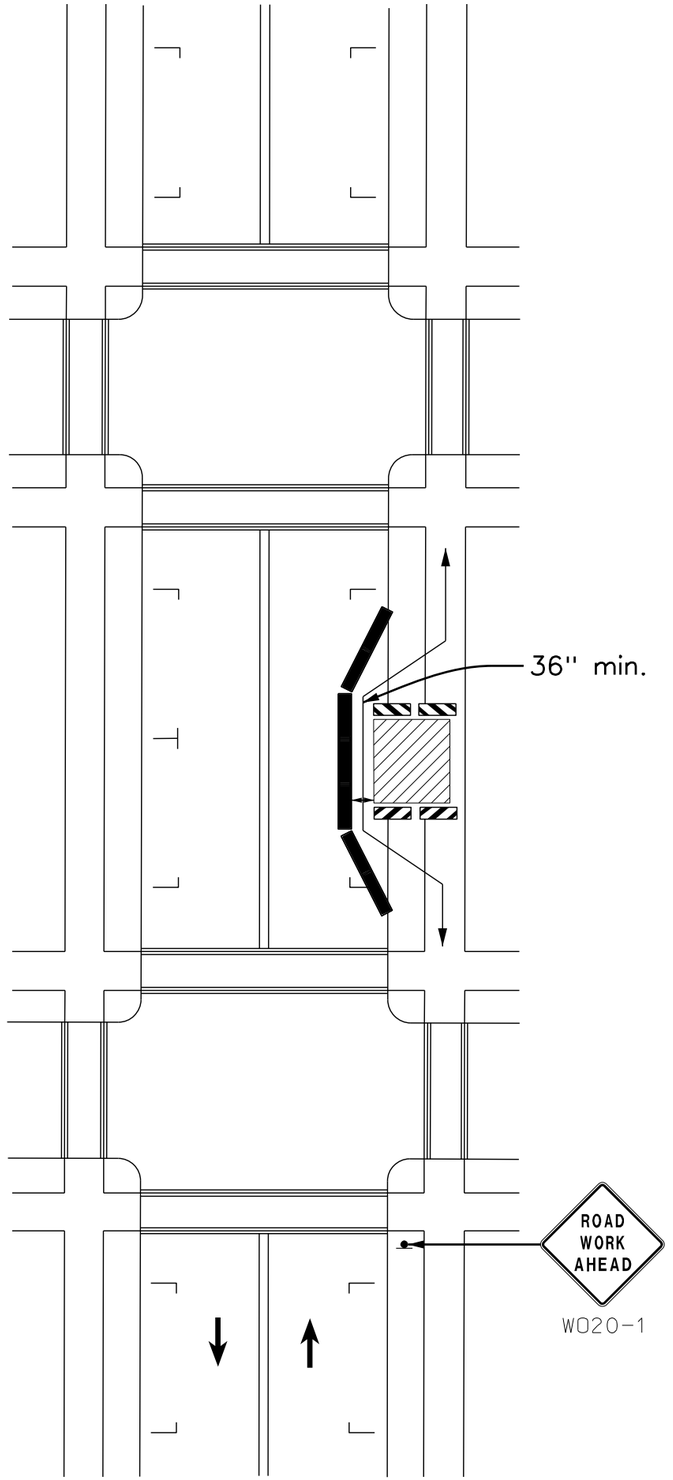
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



SIDEWALK DETOUR



SIDEWALK DIVERSION

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
3. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
4. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
5. SIGNS, SUCH AS "KEEP RIGHT (LEFT)", MAY BE PLACED ALONG A TEMPORARY SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- LONGITUDINAL CHANNELIZING DEVICE
- TYPE III BARRICADE
- DIRECTION OF PEDESTRIAN DETOUR
- DIRECTION OF TRAFFIC

NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 10 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:04-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	109

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

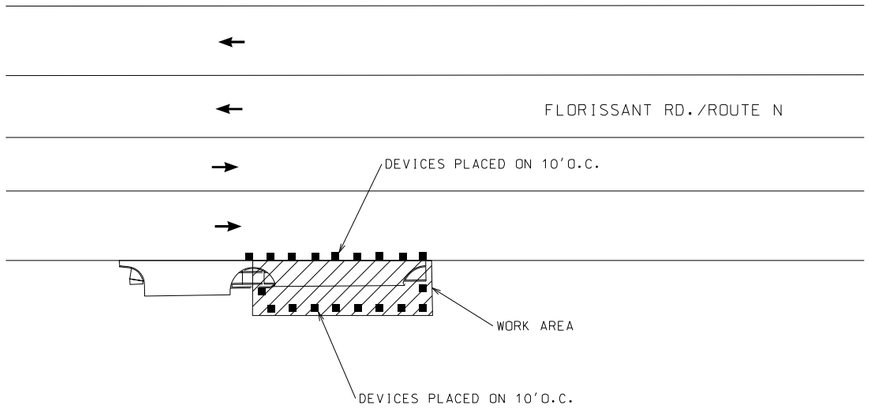
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TYPICAL TRAFFIC CONTROL FOR ENTRANCE CONSTRUCTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF PROPERTY HAS MULTIPLE ENTRANCES, THE CONTRACTOR MAY CLOSE ONE ENTIRE ENTRANCE.
2. IF PROPERTY HAS ONLY A SINGLE ENTRANCE, THEN THE ENTRANCE SHALL BE CONSTRUCTED IN HALVES, WHERE POSSIBLE. OTHERWISE, THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS IN ADVANCE TO PROVIDE ACCESS TO PROPERTY.
3. THE CONTRACTOR SHALL LIMIT THE WORK ZONE TO MINIMIZE IMPACT ACCESS TO THE BUSINESS.
4. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS IN THE TEMPORARY EASEMENTS DURING NON-WORKING HOURS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE PROPERTY.
6. SEE ALSO TRAFFIC CONTROL FOR SHOULDER WORK WITH TRAVELWAY ENCROACHMENT AS NEEDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

ROUTE AC TRAFFIC CONTROL
SHEET 11 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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DATE PREPARED: 11/26/2025
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 110
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

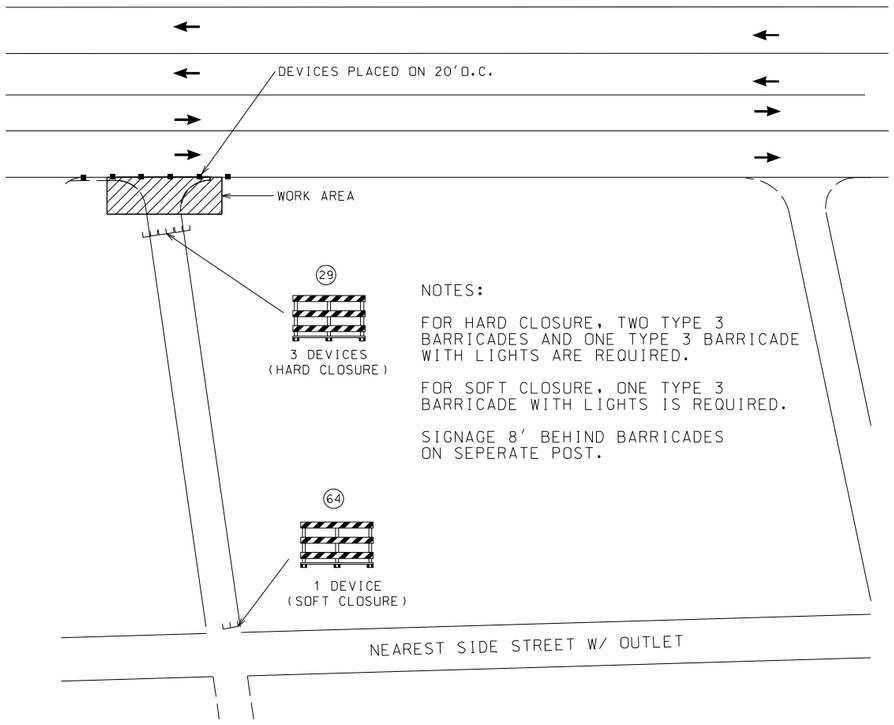
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CLOSURE OF NON-SIGNALIZED STREET



NOTES:

FOR HARD CLOSURE, TWO TYPE 3 BARRICADES AND ONE TYPE 3 BARRICADE WITH LIGHTS ARE REQUIRED.

FOR SOFT CLOSURE, ONE TYPE 3 BARRICADE WITH LIGHTS IS REQUIRED.

SIGNAGE 8' BEHIND BARRICADES ON SEPERATE POST.



R11-2

(29)



R11-4

(64)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZERS (TRIMLINE)
- WORK AREA

NOTES:

1. IF NEAREST SIDE STREET DOES NOT HAVE AN OUTLET, OR DISTANCE TO NEAREST OUTLET IS NOT FEASIBLE, NON-SIGNALIZIED INTERSECTION SHALL BE CONSTRUCTED IN HALVES, KEEPING HALF OF ENTRANCE OPEN AT ALL TIMES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY COVERING OR REMOVING ALL EXISTING SIGNING, PAVEMENT MARKINGS, OR SIGNALS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL.

NOT TO SCALE

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ALLISON M. BRUNER
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AC	MO
DISTRICT	SHEET NO.
SL	111

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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ROUTE AC TRAFFIC CONTROL
SHEET 12 OF 13

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SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	6	96				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	1	16				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	1	6				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	2	24				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	2	32				NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	1	6.25				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	6	12				SIDEWALK CLOSED
R9-11L	24X18	3.00	1	3				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	1	3				SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	2	24				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	299
616-10.10 RELOCATED SIGNS	TOTAL	*

* NOTE: NO DIRECT PAYMENT SHALL BE MADE TO RELOCATE OR COVER/UNCOVER EXISTING OR TCP SIGNS OR TO RELOCATE OTHER TCP DEVICES.

NOTE: MANY OF THE REGULATORY SIGNS ADDED IN CASE FINAL SIGN PLACEMENT TAKES PLACE AFTER REMOVAL OF EXISTING.

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001	+++	TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022	200	CHANNELIZER (CONE)
6161025		CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	9	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	4	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	4**	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	250	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A	2	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

NOTE: CMS LOCATIONS TO BE APPROVED BY THE ENGINEER.

** INDICATES ITEM NOT INCLUDED IN TEMP. TRAFFIC CONTROL LUMP SUM BID ITEM.

+++ INDICATES TMAs WILL BE REQUIRED FOR MOBILE OPERATIONS ON THIS JOB BUT AT NO DIRECT PAY. THE CONTRACTOR MAY USE TMAs AT STATIONARY LOCATIONS OF HIS OR HER OWN CHOOSING BUT NO PAYMENT SHALL BE MADE FOR THESE TMAs.

NOTE: EXIST. SIGNS SHALL NOT BE REMOVED UNTIL NEW SIGNS HAVE BEEN INSTALLED UNLESS APPROVED BY THE ENGINEER.

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, LUMP SUM TEMPORARY TRAFFIC CONTROL, UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.

NOTE: QUANTITIES PROVIDED ARE SETUP USING BOTH GENERIC AND CUSTOM TRAFFIC CONTROL. IF THE CONTRACTOR CHOOSES TO SETUP TRAFFIC CONTROL DIFFERENTLY, THEN THOSE ADDITIONAL QUANTITIES SHALL BE PAID AT THE EXPENSE OF THE CONTRACTOR.

ROUTE AC TRAFFIC CONTROL
SHEET 13 OF 13

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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AC	MO
DISTRICT	SHEET NO.
SL	112

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
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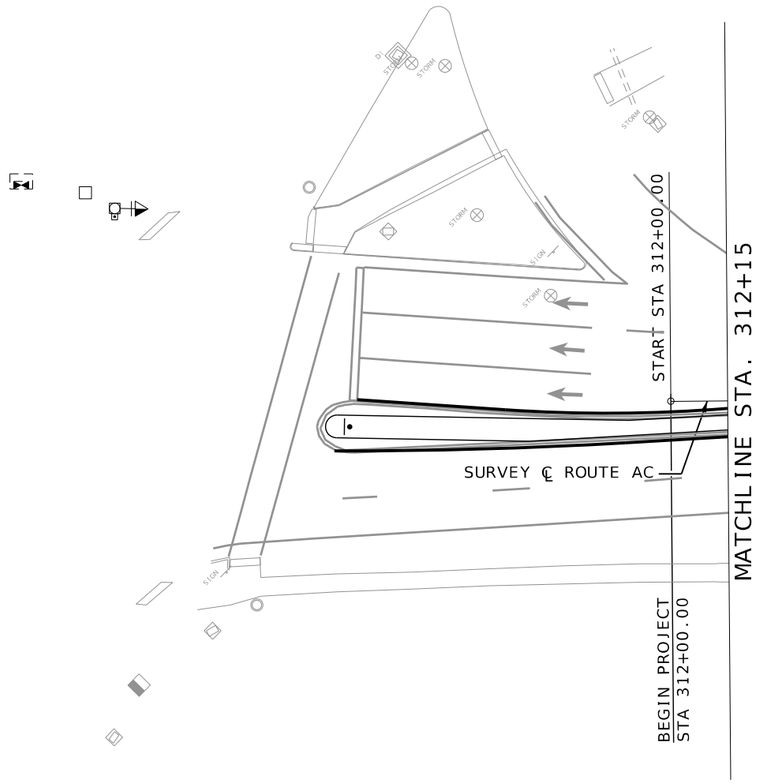
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SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 01 OF 29

STATE OF MISSOURI
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NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:05-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	113

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\111_EC_J6S3569_I20_01.dgn 12:17:08 PM 11/26/2025

SCALE
0 20 40 60

EXIST. R/W

START STA 0+00.00

0

INLET PROTECTION
+49.13

DITCH CHECK
(TYP.)

315

S.L.

S46°27'56"W

MATCHLINE STA. 312+15

PC STA 312+80.67

PT STA 314+02.35

INLET PROTECTION
+11.57

INLET PROTECTION
+69.15

MATCHLINE STA. 317+65

START STA 1+30.97

SURVEY ℄ ROUTE AC

INLET PROTECTION
+95.71

S50°25'39"W

PC STA 1+86.27

BEGIN SILT FENCE
+00.02

S.L.

END SILT
FENCE
+24.15

BEGIN SILT
FENCE
+24.95

STA. 1+30.97 SURVEY ℄ OLD PERSHALL RD =
STA. 316+81.03 SURVEY ℄ ROUTE AC

OLD PERSHALL RD

SURVEY ℄ OLD
PERSHALL RD

MATCHLINE
STA. 3+50

PT STA 3+30.86

EXIST.
R/W

℄

ROUTE AC EROSION
CONTROL SHEET 02 OF 29

NOTE:DITCH CHECKS TO BE SPACED AT 50 FEET
INTERVALS ALONG DITCH BOTTOM.

TEMPORARY EROSION CONTROL LEGEND	
	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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AC	MO
DISTRICT	SHEET NO.
SL	114

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

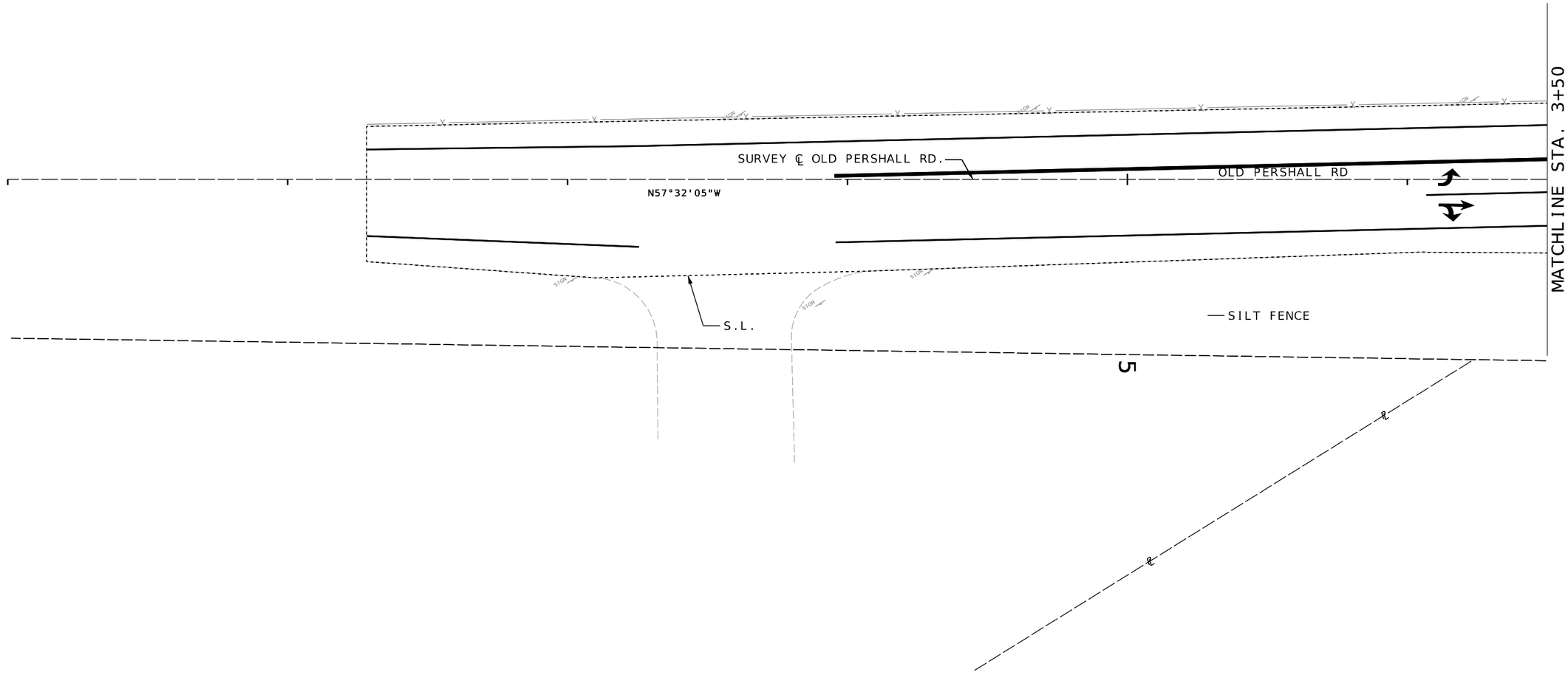
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 03 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	115

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

BEGIN SILT FENCE
+02.16

S.L.

EXIST. R/W

END SILT FENCE
+65.11

DITCH CHECK (TYP.)

320

MATCHLINE STA. 317+65

MATCHLINE STA. 323+15

INLET PROTECTION
+98.34

INLET PROTECTION
+82.78

SURVEY ℄ ROUTE AC

INLET PROTECTION
+69.52

INLET PROTECTION
+48.49

INLET PROTECTION
+80.64

END SILT FENCE
+68.63

EXIST. R/W

S.L.

NOTE:DITCH CHECKS TO BE SPACED AT 50 FEET INTERVALS ALONG DITCH BOTTOM.

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 04 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
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AC	MO
DISTRICT	SHEET NO.
SL	116

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE

0 20 40 60

BEGIN SILT FENCE
+15.91

EXIST. R/W

S.L.

DITCH CHECK (TYP.)

MATCHLINE STA. 323+15

MATCHLINE STA. 328+65

INLET PROTECTION
+19.20

SURVEY ℄ ROUTE AC

INLET PROTECTION
+99.72

INLET PROTECTION
+73.27

INLET PROTECTION
+35.59

INLET PROTECTION
+69.34

INLET PROTECTION
+26.46

INLET PROTECTION
+55.43

EXIST. R/W

S.L.

NOTE:DITCH CHECKS TO BE SPACED AT 50 FEET INTERVALS ALONG DITCH BOTTOM.

TEMPORARY EROSION CONTROL LEGEND	
	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 05 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	117

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

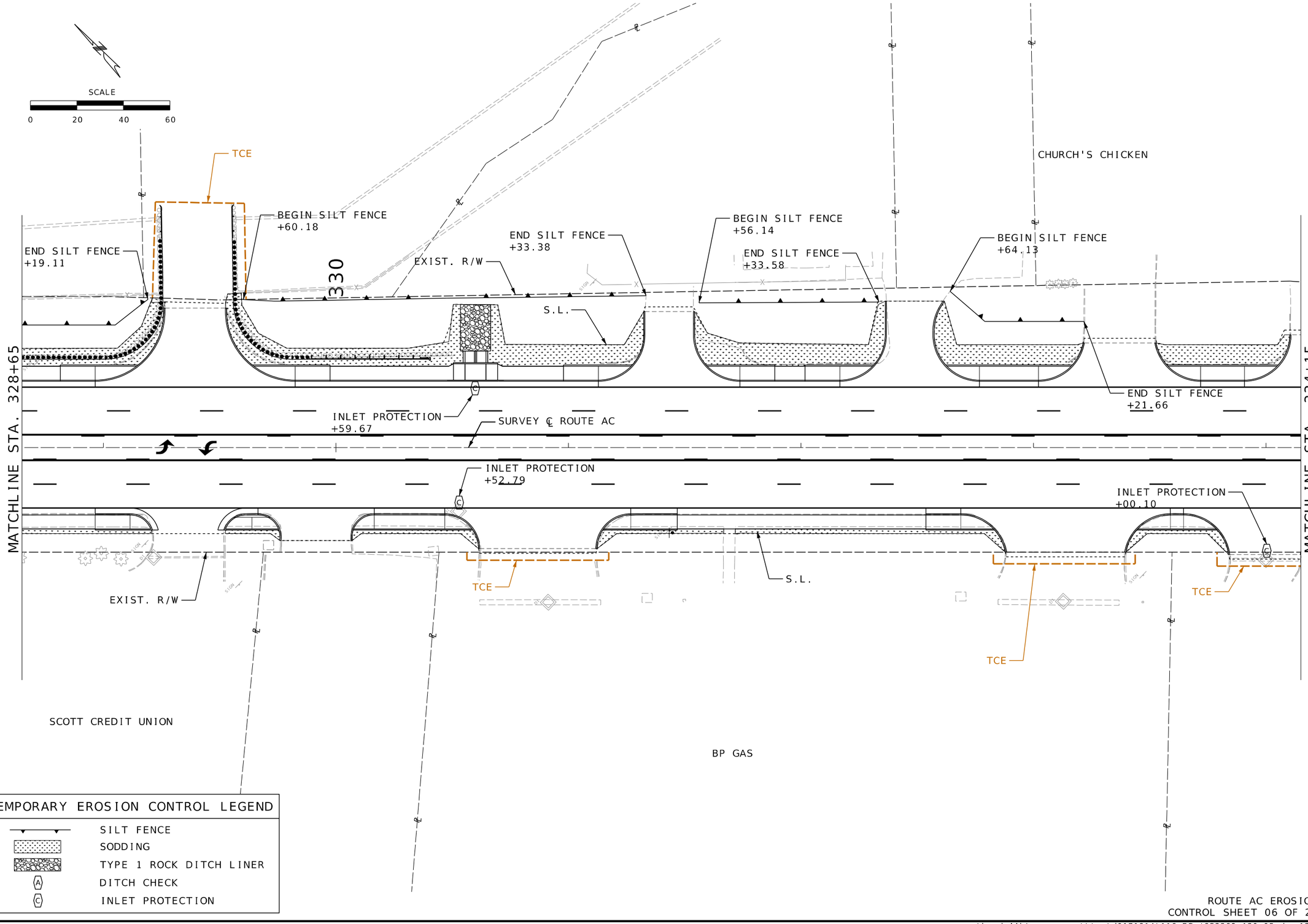
Burns & McDonnell Engineering Co., Inc.

425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No.: 000165

BMcD Project No. 170015

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TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 06 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	118

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

HINES MOTORS

PHILLIPS 66

S11°16'53"E

℄ STA. 17+53.74

SURVEY ℄ OLD HALLS FERRY RD

335

EXIST. R/W

S.L.

PC STA 334+85

MATCHLINE STA. 334+15

SURVEY ℄ ROUTE AC

INLET PROTECTION +28.58

INLET PROTECTION +00.09

INLET PROTECTION +29.75

EXIST. R/W

S.L.

MATCHLINE STA. 339+65

A1 WINE & SPIRIT

MEINEKE CAR CARE CENTER

TEMPORARY EROSION CONTROL LEGEND

	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 07 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896
PROFESSIONAL ENGINEER — STATE OF MISSOURI

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	119

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

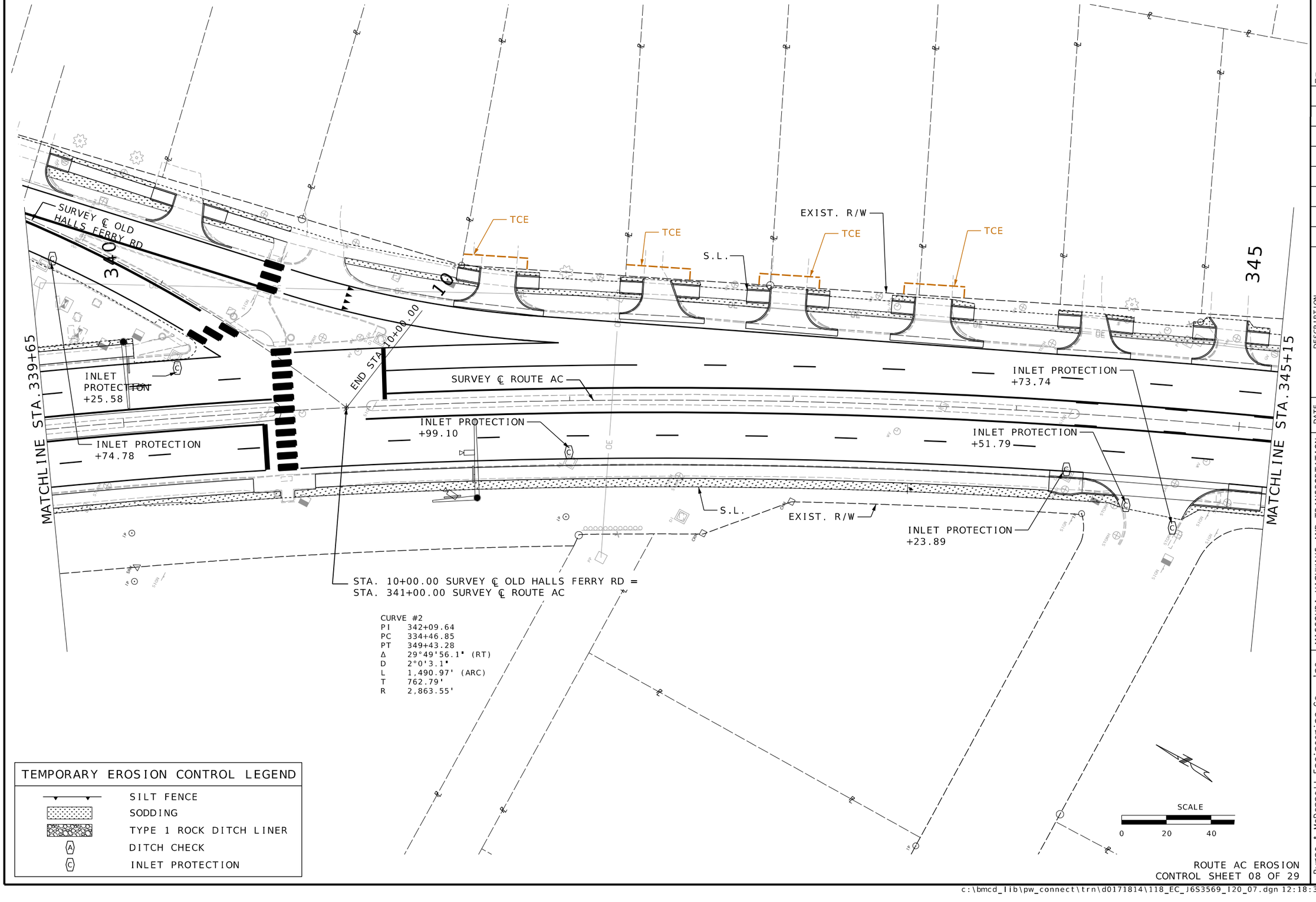
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 08 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	120

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

VORHOF DR

MATCHLINE STA. 345+15

MATCHLINE STA. 350+65

S.L.

EXIST. R/W

TCE

INLET PROTECTION +49.07

INLET PROTECTION +15.32

INLET PROTECTION +99.37

SURVEY ℄ ROUTE AC

INLET PROTECTION +51.28

INLET PROTECTION +07.70

INLET PROTECTION +99.90

EQUATION
STA 349+37.80 BK = PT STA 349+43.28 R2
STA 349+43.27

INLET PROTECTION +06.83

INLET PROTECTION +35.88

INLET PROTECTION +52.80

GREEN SLOPE DR

S.L.

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK (A)
- INLET PROTECTION (C)

ROUTE AC EROSION CONTROL SHEET 09 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:31-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO

DISTRICT	SHEET NO.
SL	121

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

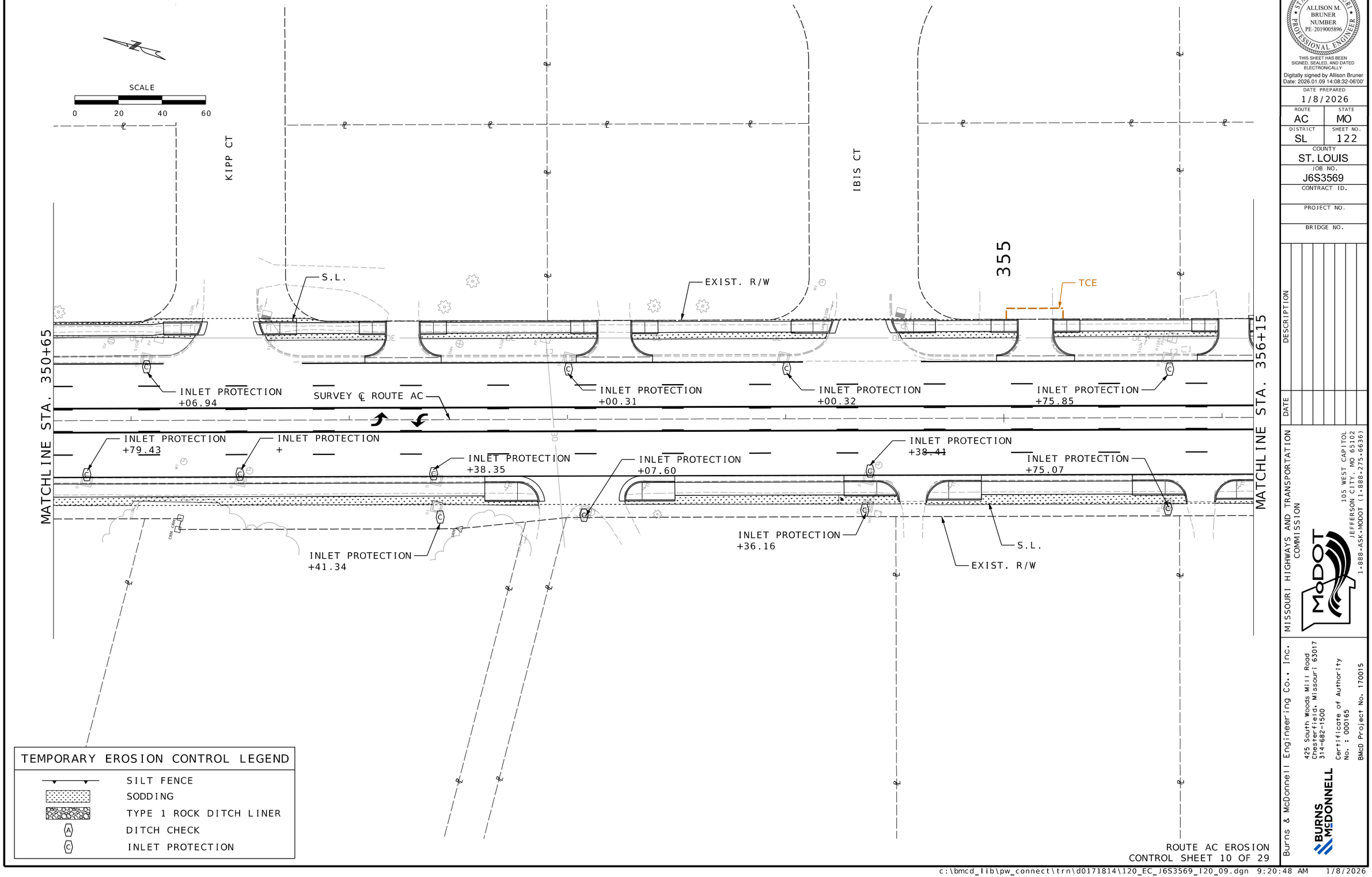
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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ROUTE AC EROSION CONTROL SHEET 10 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	122

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

FOSS CT

HUDSON DR

N76°17'23"E

MATCHLINE STA. 356+15

S.L.

TCE

TCE

INLET PROTECTION +01.59

INLET PROTECTION +72.452

STA. 0+00.00 SURVEY ℄ HUDSON RD =
STA. 360+09.97 SURVEY ℄ ROUTE AC

INLET PROTECTION +20.86

INLET PROTECTION +70.92

EXIST. R/W

PC STA 356+71.29 R2

INLET PROTECTION +94.32

INLET PROTECTION +85.74

STA 359+10.65 R2

START STA 10+00.00

STA 361+50.00 R2

PT

INLET PROTECTION +03.58

SURVEY ℄ ROUTE AC

INLET PROTECTION +34.04

INLET PROTECTION +04.07

S.L.

INLET PROTECTION +36.06

S76°53'17"W

HUDSON DR

INLET PROTECTION +13.20

INLET PROTECTION +12.27

EXIST. R/W

INLET PROTECTION +52.47

TEMPORARY EROSION CONTROL LEGEND	
	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 11 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	123

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
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Chesterfield, Missouri 63017
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Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 361+65

MATCHLINE STA. 367+15

INLET PROTECTION +03.30

EXIST. R/W

S.L.

BEGIN SILT FENCE +31.78

END SILT FENCE +25.76

BEGIN SILT FENCE +51.28

END SILT FENCE +76.12

BEGIN SILT FENCE +95.50

END SILT FENCE +96.30

INLET PROTECTION +99.26

INLET PROTECTION +06.87

INLET PROTECTION +55.35

SURVEY ℄ ROUTE AC

S13°42'05"E

365

INLET PROTECTION +63.20

INLET PROTECTION +04.02

INLET PROTECTION +52.55

INLET PROTECTION +45.27

INLET PROTECTION +23.93

INLET PROTECTION +07.57

S.L.

EXIST. R/W

INLET PROTECTION +55.52

END SILT FENCE +85.84

BEGIN SILT FENCE +80.92

BEGIN SILT FENCE +98.48

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 12 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	124

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Certificate of Authority
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BMcD Project No. 170015

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SCALE
0 20 40 60

THE LEGAL
SOLUTIONS GROUP

370

MATCHLINE STA. 367+15

MATCHLINE STA. 372+65

BEGIN SILT FENCE +16.23

END SILT FENCE +10.23

BEGIN SILT FENCE +32.62

END SILT FENCE +07.64

BEGIN SILT FENCE +26.96

END SILT FENCE +14.34

BEGIN SILT FENCE +15.50

END SILT FENCE +65.81

EXIST. R/W

S.L.

INLET PROTECTION +86.70

SURVEY ℄ ROUTE AC

INLET PROTECTION +99.72

INLET PROTECTION +93.67

S13°42'05"E

INLET PROTECTION +84.38

INLET PROTECTION +00.39

BEGIN SILT FENCE +33.98

INLET PROTECTION +87.43

INLET PROTECTION +87.92

EXIST. R/W

BEGIN SILT FENCE +22.95

END SILT FENCE +11.24

S.L.

INLET PROTECTION +02.34

END SILT FENCE +17.84

BEGIN SILT FENCE +72.83

END SILT FENCE +56.92

INLET PROTECTION +87.42

END SILT FENCE +01.26

BEGIN SILT FENCE +14.76

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 13 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	125

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 372+65

MATCHLINE STA. 378+15

375

S.L.

EXIST. R/W

INLET PROTECTION
+10.73

INLET PROTECTION
+72.98

INLET PROTECTION
+86.50

BEGIN SILT FENCE
+10.38

END SILT FENCE
+02.95

BEGIN SILT FENCE
+14.64

END SILT FENCE
+95.64

BEGIN SILT FENCE
+12.81

END SILT FENCE
+82.09

SURVEY ℄ ROUTE AC

INLET PROTECTION
+08.16

INLET PROTECTION
+83.75

INLET PROTECTION
+84.57

INLET PROTECTION
+65.30

INLET PROTECTION
+12.78

S.L.

END SILT FENCE
+97.16

BEGIN SILT FENCE
+46.88

EXIST. R/W

INLET PROTECTION
+88.49

END SILT FENCE
+18.32

INLET PROTECTION
+67.58

CAPITOL DR

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 14 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:07-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	126

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\124_EC_J6S3569_I20_13.dgn 12:19:46 PM 11/26/2025

SCALE
0 20 40 60

THE CLINIC DELIVERANCE AND WORSHIP CENTER

NATIONAL METAL RECYCLING CENTER

MATCHLINE STA. 378+15

MATCHLINE STA. 383+65

380

TCE

TCE

EXIST. R/W

BEGIN SILT FENCE +61.16

END SILT FENCE +00.97

BEGIN SILT FENCE +38.53

S.L.

END SILT FENCE +04.81

BEGIN SILT FENCE +35.63

PC STA 381+96.23 R2

PT STA 382+88.73 R2

INLET PROTECTION +14.63

SURVEY ℄ ROUTE AC

INLET PROTECTION +90.49

INLET PROTECTION +79.93

S13°42'05"E

S13°23'35"E

INLET PROTECTION +11.95

INLET PROTECTION +09.02

INLET PROTECTION +78.92

BEGIN SILT FENCE +31.01

EXIST. R/W

S.L.

BEGIN SILT FENCE +00.81

END SILT FENCE +65.57

END SILT FENCE +42.46

CURVE #5
PI 382+42.48
PC 381+96.23
PT 382+88.73
Δ 0°18'30.0" (RT)
D 0°20'0.0"
L 92.50' (ARC)
T 46.25'
R 17,188.69'

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 15 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	127

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 383+65

MATCHLINE STA. 389+15

DOLLAR GENERAL

MATT'S MUFFLER & BRAKE

385

BEGIN SILT FENCE +

END SILT FENCE +

BEGIN SILT FENCE +

END SILT FENCE +

BEGIN SILT FENCE +

S.L.

EXIST. R/W

INLET PROTECTION +

INLET PROTECTION +

INLET PROTECTION +

INLET PROTECTION +

S13°23'35"E

SURVEY ℄ ROUTE AC

INLET PROTECTION +

INLET PROTECTION +

INLET PROTECTION +

END SILT FENCE +

BEGIN SILT FENCE +

EXIST. R/W

INLET PROTECTION +

INLET PROTECTION +

S.L.

EMPIRE DR

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 16 OF 29

ALLISON M. BRUNER NUMBER PE-2019005896 PROFESSIONAL ENGINEER STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:07-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	128

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

HALLS FERRY
ANIMAL HOSPITAL

IMO'S

390

END SILT FENCE
+63.61

BEGIN SILT FENCE
+04.02

END SILT FENCE
+97.43

BEGIN SILT FENCE
+21.21

EXIST. R/W

END SILT FENCE
+52.06

BEGIN SILT FENCE
+00.87

S.L.

MATCHLINE STA. 389+15

MATCHLINE STA. 394+65

INLET PROTECTION
+50.32

SURVEY ℄ ROUTE AC

S13°23'35"E

INLET PROTECTION
+48.57

INLET PROTECTION
+72.85

INLET PROTECTION
+88.92

INLET PROTECTION
+49.85

S.L.

INLET PROTECTION
+52.11

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 17 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:07-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	129

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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MATCHLINE STA. 8+00

INLET PROTECTION
+35.34

WALGREENS

SCALE
0 20 40 60

CHAMBERS RD
S77°37'10"W

TCE

INLET PROTECTION
+52.48

EXIST. R/W

PSE

S.L.

395

400

BEGIN SILT FENCE
+10.98

EXIST. R/W

END SILT FENCE
+69.40

END SILT FENCE
+87.86

MATCHLINE STA. 394+65

MATCHLINE STA. 400+15

POT STA 397+70.82 R2

PI STA. 9+91.21 SURVEY ℄ CHAMBERS RD =
STA. 397+70.82 SURVEY ℄ ROUTE AC

PI STA 9+91.21

SURVEY ℄ ROUTE AC

S13°23'35"E

S13°17'50"E

INLET PROTECTION
+86.13

INLET PROTECTION
+07.33

INLET PROTECTION
+86.39

INLET PROTECTION
+25.09

INLET PROTECTION
+07.50

10

EXIST. R/W

INLET PROTECTION
+72.47

INLET PROTECTION
+71.38

INLET PROTECTION
+15.68

INLET PROTECTION
+24.08

INLET PROTECTION
+82.90

NEW R/W

TCE

EXIST.
R/W

S.L.

TCE

BEGIN SILT FENCE
+87.07

CHAMBERS RD
N69°33'50"W

MATCHLINE STA. 11+50

TCE

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 18 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:32-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	130

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

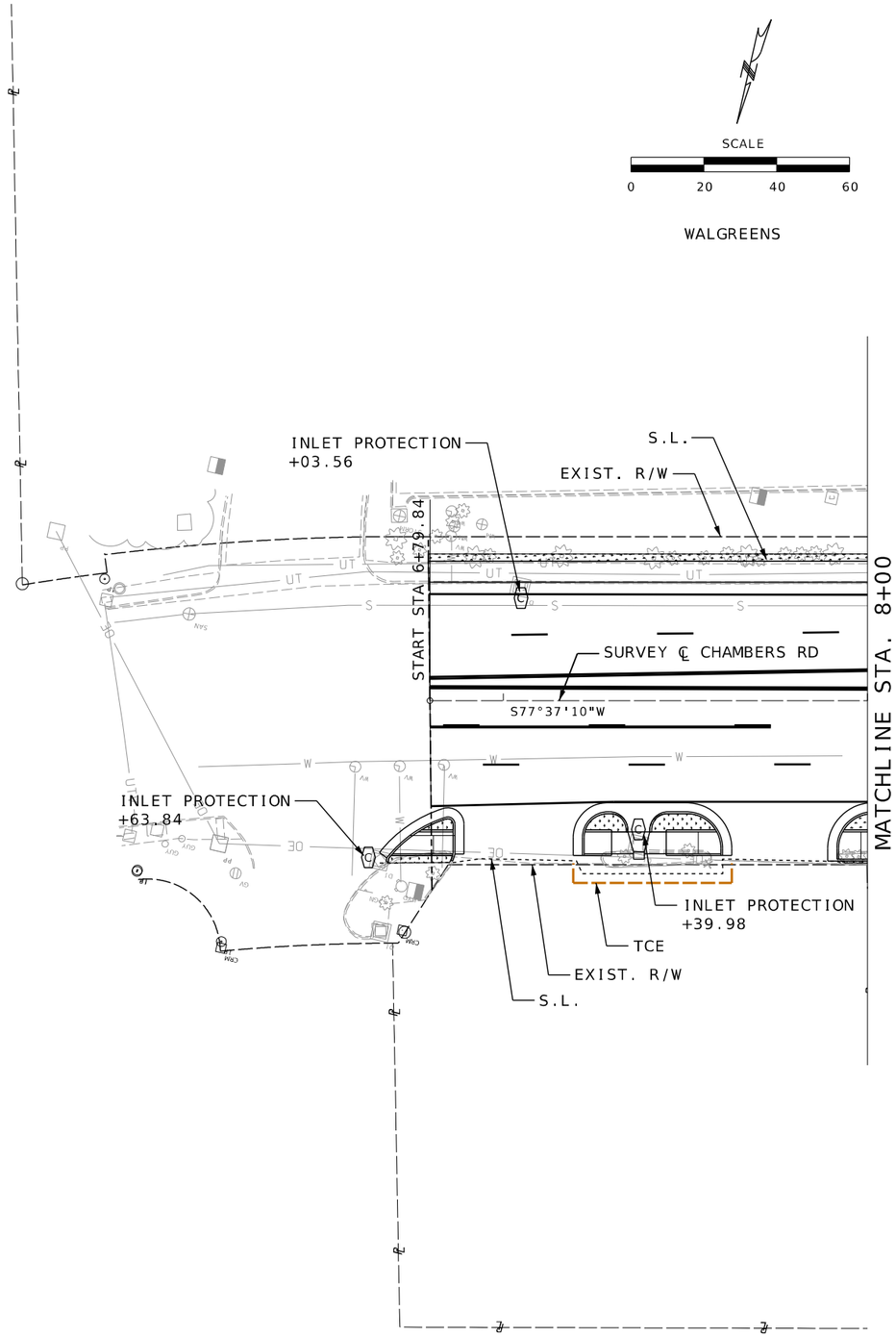
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No.: 000165

BMcD Project No. 170015

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TEMPORARY EROSION CONTROL LEGEND	
	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 19 OF 29

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	131

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE

0 20 40 60

MATCHLINE STA. 11+50

TCE

TCE

S.L.

INLET PROTECTION
+31.00

N89°33'50"W

INLET PROTECTION
+70.27

SURVEY ℄ CHAMBERS RD

INLET PROTECTION
+32.40

S.L.

TCE

EXIST. R/W

END SILT FENCE
+79.62

15

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 20 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE-2019005896
PROFESSIONAL ENGINEER

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Date: 2025.11.30 08:07:08-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	132

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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SCALE

0 20 40 60

MATCHLINE STA. 400+15

MATCHLINE STA. 405+65

TCE

BEGIN SILT FENCE +99.44

END SILT FENCE +72.43

BEGIN SILT FENCE +45.60

EXIST. R/W

S.L.

END SILT FENCE +92.95

INLET PROTECTION +07.50

INLET PROTECTION +

SURVEY ℄ ROUTE AC

S13°17'50"E

INLET PROTECTION +99.14

INLET PROTECTION +87.12

INLET PROTECTION +91.83

INLET PROTECTION +63.72

INLET PROTECTION +02.81

S.L.

EXIST. R/W

HECHT AVE

405

OE

30

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 21 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:08-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	133

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.

425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No.: 000165

BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\131_EC_J6S3569_I20_18.dgn 12:21:06 PM 11/26/2025

SCALE
0 20 40 60

CHAD AUTO SALES

LILLY PEEZ DINER

410

EXIST. R/W

S.L.

BEGIN SILT FENCE
+56.44

END SILT FENCE
+40.47

BEGIN SILT FENCE
+76.75

INLET PROTECTION
+03.57

INLET PROTECTION
+01.03

SURVEY ℄ ROUTE AC

INLET PROTECTION
+

MATCHLINE STA. 405+65

MATCHLINE STA. 411+15

INLET PROTECTION
+12.17

INLET PROTECTION
+04.96

END SILT FENCE
+02.79

INLET PROTECTION
+24.50

INLET PROTECTION
+53.19

INLET PROTECTION
+87.92

INLET PROTECTION
+64.11

BEGIN SILT FENCE
+35.05

INLET PROTECTION
+51.22

INLET PROTECTION
+96.52

INLET PROTECTION
+17.39

EXIST. R/W

S.L.

KAPPEL DR

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 22 OF 29

c:\bmcd_lib\pw_connect\trn\d0171814\132_EC_J6S3569_I20_19.dgn 12:21:16 PM 11/26/2025

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	134

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

SCALE

0 20 40 60

MATCHLINE STA. 411+15

MATCHLINE STA. 416+65

EXIST. R/W

S.L.

END SILT FENCE
+16.57

415

SURVEY ℄ ROUTE AC

INLET PROTECTION
+15.31

INLET PROTECTION
+90.00

INLET PROTECTION
+47.10

S13°17'50"E

INLET PROTECTION
+49.36

INLET PROTECTION
+13.68

INLET PROTECTION
+88.62

INLET PROTECTION
+84.77

INLET PROTECTION
+42.92

INLET PROTECTION
+99.67

INLET PROTECTION
+14.64

S.L.

EXIST. R/W

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 23 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:09-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO

DISTRICT	SHEET NO.
SL	135

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

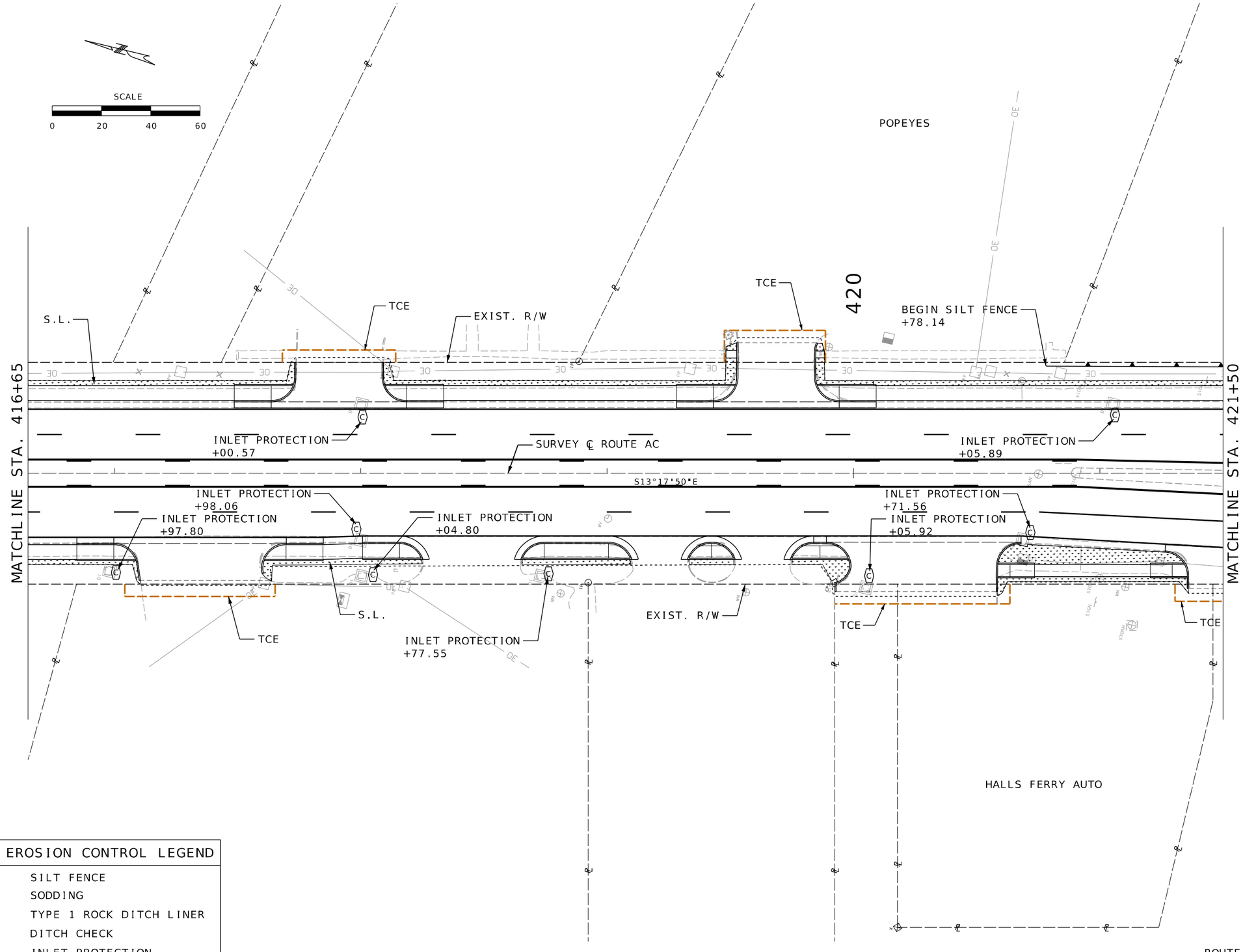
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 24 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:09-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	136

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

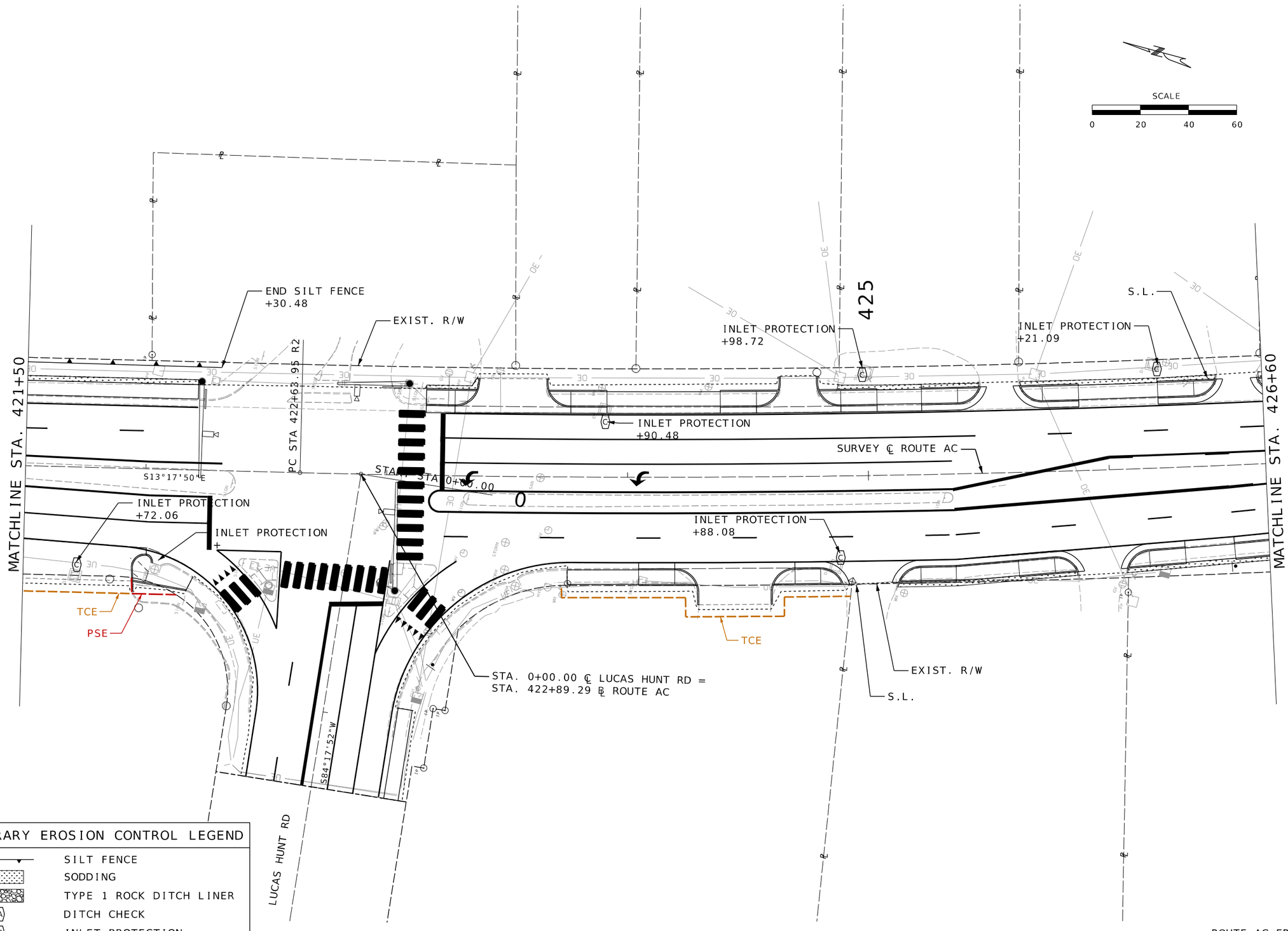
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 25 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:33-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	137

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

UNITED STATES POSTAL SERVICE

CURVE #6
PI 429+21.49
PC 422+63.95
PT 435+77.66
Δ 13°5'36.4" (LT)
D 1°0'0.0"
L 1,309.35' (ARC)
T 657.54'
R 5,729.60'

MATCHLINE STA. 426+60

MATCHLINE STA. 432+10

PROJECT J6I3573B LIMITS

BEGIN SILT FENCE +48.42

END SILT FENCE +87.55

EXIST. R/W

S.L.

BEGIN SILT FENCE +24.87

TCE

430

BEGIN SILT FENCE +95.23

END SILT FENCE +31.31

END SILT FENCE +57.90

INLET PROTECTION +99.79

SURVEY ℄ ROUTE AC

INLET PROTECTION +33.78

INLET PROTECTION +89.23

INLET PROTECTION +99.31

INLET PROTECTION +01.28

INLET PROTECTION +61.15

S.L.

EXIST. R/W

BEGIN SILT FENCE +27.32

END SILT FENCE +74.60

SAM'S MARKET

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- (A) DITCH CHECK
- (C) INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 26 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:09-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	138

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE

0 20 40 60

J613573B PROJECT LIMITS

435

EXIST. R/W

BEGIN SILT FENCE +36.12

S.L.

MATCHLINE STA. 432+10

MATCHLINE STA. 437+60

12" VCP

SURVEY ℄ ROUTE AC

STA 435+77.66 R3

INLET PROTECTION +80.46

S26°23'26"E

END SILT FENCE +80.12

INLET PROTECTION +36.52

INLET PROTECTION +89.95

EQUATION: STA 435+73.29 BK = PT STA 435+77.63

J613573B PROJECT LIMITS

S.L.

BEGIN SILT FENCE +28.27

INLET PROTECTION +26.32

EXIST. R/W

BEGIN SILT FENCE +14.24

END SILT FENCE +30.15

SUN VALLEY DR

LARRY'S CIRCLE SERVICES

DORWOOD DR

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION CONTROL SHEET 27 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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AC	MO

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COUNTY
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

SCALE

0 20 40 60

CURVE #7
PI 439+98.27
PC 439+42.96
PT 440+53.58
Δ 0°44'30.0" (LT)
D 0°40'13.7"
L 110.62' (ARC)
T 55.31'
R 8,545.58'

440

EXIST. R/W

S.L.

END SILT FENCE
+17.61

CHAMBERS AUTO REPAIR

MATCHLINE STA. 437+60

MATCHLINE STA. 443+10

PC STA 439+42.96 R3

PT STA 440+53.58 R3

INLET PROTECTION
+67.77

SURVEY ℄ ROUTE AC

S26°23'26"E

S27°07'56"E

INLET PROTECTION
+68.11

INLET PROTECTION
+86.46

INLET PROTECTION
+78.74

INLET PROTECTION
+41.39

S.L.

EXIST. R/W

INLET PROTECTION
+44.37

INLET PROTECTION
+09.58

TEMPORARY EROSION CONTROL LEGEND

- SILT FENCE
- SODDING
- TYPE 1 ROCK DITCH LINER
- DITCH CHECK
- INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 28 OF 29

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	140

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

SCALE

0 20 40 60

MATCHLINE STA. 443+10

EXIST. R/W

S.L.

SURVEY ℄ ROUTE AC

END STA 444+21.13 R3

EXIST. R/W

S.L.

TEMPORARY EROSION CONTROL LEGEND

	SILT FENCE
	SODDING
	TYPE 1 ROCK DITCH LINER
A	DITCH CHECK
C	INLET PROTECTION

ROUTE AC EROSION
CONTROL SHEET 29 OF 29

STATE OF MISSOURI
ALLISON M. BRUNER
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PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	141

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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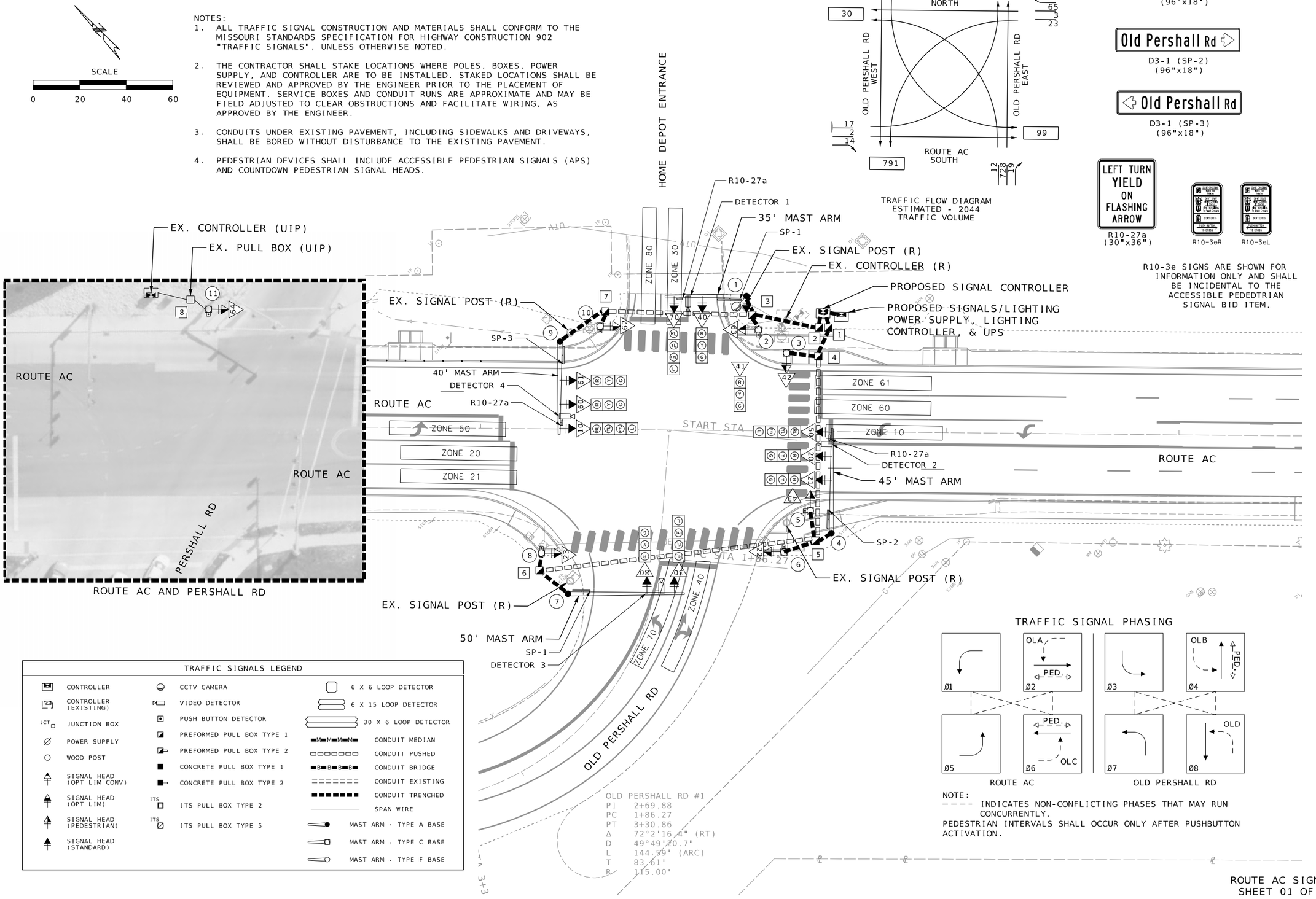
Certificate of Authority
No. : 000165

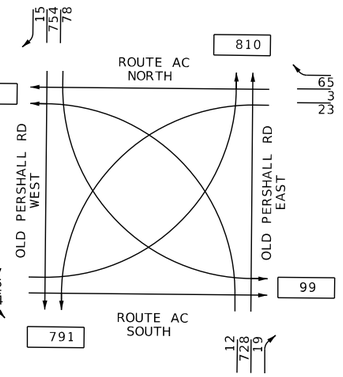
BMcD Project No. 170015

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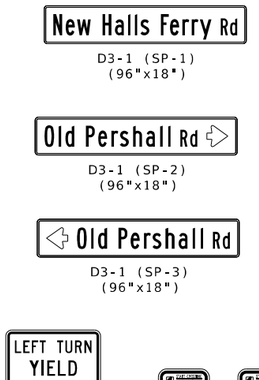
SCALE
0 20 40 60

NOTES:
1. ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARDS SPECIFICATION FOR HIGHWAY CONSTRUCTION 902 "TRAFFIC SIGNALS", UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, POWER SUPPLY, AND CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
3. CONDUITS UNDER EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.
4. PEDESTRIAN DEVICES SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS (APS) AND COUNTDOWN PEDESTRIAN SIGNAL HEADS.





TRAFFIC FLOW DIAGRAM
ESTIMATED - 2044
TRAFFIC VOLUME



R10-3e SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTAL TO THE ACCESSIBLE PEDEDTRIAN SIGNAL BID ITEM.

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR
JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE
		MAST ARM - TYPE A BASE
		MAST ARM - TYPE C BASE
		MAST ARM - TYPE F BASE

TRAFFIC SIGNAL PHASING

NOTE:
---- INDICATES NON-CONFLICTING PHASES THAT MAY RUN CONCURRENTLY.
PEDESTRIAN INTERVALS SHALL OCCUR ONLY AFTER PUSHBUTTON ACTIVATION.

ROUTE AC SIGNAL
SHEET 01 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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Date: 2025.11.30 08:07:10-06'00'

DATE PREPARED 11/26/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 142
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

REV.

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EFFECTIVE: 07/01/2018

LOCATION / BASE / PULL BOX / POST

POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	BASE A (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE F (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL ARM LENGTH 35'	40'	45'	50'	TYPE C & CL SIGNAL SPACING B	C	D	D'	TYPE C & CL SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	LEFT ARM E SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	RIGHT ARM K SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT	12 FT	15 FT
			CONTROLLER	(AS REQ'D)		

NOTES:
1) CABLE PAY TOTALS INCLUDE 5% ADDED FOR SNAKING.
2) CABLE QUANTITY FOR CAT-5 CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE CCTV ASSEMBLY BID ITEM.
3) CABLE QUANTITY FOR OPTIONAL DETECTION CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM BID ITEM.

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
∅	☒	5′			9′												
☒	1	7′			10′												
☒	2	7′			10′												
2	3	30′			28′												
3	②	7′			8′												
3	①	9′			12′												
3	7	64′						62′									
7	⑩	7′			8′												
7	⑨	24′			27′												
1	4	13′			11′												
4	③	15′			16′												
4	5	80′						78′									
5	④	8′			11′												
5	⑤	14′			15′												
5	⑥	15′			16′												
5	6	120′						118′									
6	⑦	16′			19′												
6	⑧	8′			9′												
8	⑪	9′			10′												
SUBTOTALS					219′			258′									
TOTALS					219′			258′									

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL					CCTV	LUMINAIRE		DETECTOR	FIBER		REMARKS
			1c #2		2c #16	5c #16	7c #16	3c #16		CAT-5 CABLE (SEE NOTE 2)	CONTROL 2c #12	POLE & BRACKET 1c #10	OPTIONAL DET. CABLE (SEE NOTE 3)	SINGLE-MODE	MULTI-MODE	
∅	☒	5′	144′													3 RUNS OF 1c #2
☒	42	34′				65′										PED. HEAD 42
☒	PB43	34′			64′											PUSH BUTTON 43
☒	23	226′				270′										PED. HEAD 23
☒	PB22	226′			269′											PUSH BUTTON 22
☒	30	234′					280′									
☒	80	234′					322′									
☒	▭◁3	234′											327′			DETECTOR 3
☒	27	113′				151′										PED. HEAD 22
☒	PB23	113′			150′											PUSH BUTTON 23
☒	50	106′					199′									
☒	21	106′					189′									INCLUDES JUMPER TO 20
☒	▭◁2	106′											198′			DETECTOR 2
☒	43	112′				150′										PED. HEAD 43
☒	PB42	112′			149′											PUSH BUTTON 42
☒	10	123′					210′									
☒	61	123′					200′									INCLUDES JUMPER TO 60
☒	▭◁4	123′											209′			DETECTOR 4
☒	62	106′				144′										PED. HEAD 62
☒	PB63	106′			143′											PUSH BUTTON 63
☒	70	44′					119′									
☒	40	44′					107′									
☒	41	44′					79′									
☒	▭◁1	44′											117′			DETECTOR 1
☒	63	43′				74′										PED. HEAD 63
☒	PB62	43′			73′											PUSH BUTTON 62
☒	64	27′				51′										PED. HEAD 64
☒	PB65	27′			50′											PUSH BUTTON 65
☒	⬭	44′								129′						SEE ITS PLAN SHEETS
SUBTOTALS			144′		898′	905′	1705′			129′			851′			
TOTALS			160′		950′	960′	1790′			140′			900′			

INTERSECTION ROUTE AC & OLD PERSHALL RD

ROUTE AC SIGNAL SHEET 03 OF 24 D-37B

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Date: 2025.11.30 08:07:10-06'00'

DATE PREPARED 11/26/2025

ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 144
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE AC	317+54.5	50' LT	Type 2 #		15 Amps	35 Amps	100 Amps	100 Amps		100 Amps	CI. Ft.	
			Type		Amps	Amps	Amps	Amps		Amps	CI. Ft.	

SEE MODOT STANDARD SPECIAL DETAIL FOR LIGHTING/SIGNALS, CONTROLLER, AND UPS CABINET. THIS ITEM AND ALL ASSOCIATED WORK IS SUBSIDIARY TO THE TRAFFIC SIGNAL BID ITEM.

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE AC	317+46.65	51' LT			1									1			1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	VIDEO/RADAR							
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	INDUCTION LOOP (2)			OPTIONAL DETECTION
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
10	NB ROUTE AC					X
20	SB ROUTE AC					X
21	SB ROUTE AC					X
22	SB ROUTE AC	1				
23	SB ROUTE AC	1				
30	WB OLD PERSHALL RD					X
40	EB OLD PERSHALL RD					X
42	EB OLD PERSHALL RD	1				
43	EB OLD PERSHALL RD	1				
50	SB ROUTE AC					X
60	NB ROUTE AC					X
61	NB ROUTE AC					X
62	NB ROUTE AC	1				
63	NB ROUTE AC	1				
70	EB OLD PERSHALL RD					X
80	WB OLD PERSHALL RD					X
65	NB ROUTE AC	1				
TOTAL		7				1

*4 APPROACHES

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) SEE OPTIONAL DETECTION JSP FOR ADDITIONAL DETAILS. SIGNAL DETECTION SHALL BE PAID AS 1 PER INTERSECTION, INCLUDING ADVANCED DETECTION. THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYTEM FULLY COVERING ALL DETECTION ZONES AS SHOWN ON THE PLANS. THE METHOD CHOSEN SHALL COMPLY WITH MODOT'S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED IN THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S APPROVED PRODUCT LIST AND RECEIVE ST. LOUIS DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE UNIT WIHT ALL COSTS INCLUDED.

R10-3 SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTIAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM.



R10-3eR



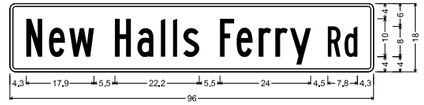
R10-3eL

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
4	D3-1 ***	VAR. X 18		48.0	4
	D3-1B ***	VAR. X 18			
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
3	R10-27A	30 X 36	7.5	22.5	3
			SUBTOTAL	70.5	7
			TOTAL	71.0	7

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8
Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
9	10	11	12	13	14	15	16
PED Ø2	PED Ø4	PED Ø6	FUTURE	OLA	OLB	OLC	OLD

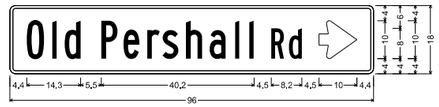


SP-1:
1.5" Radius, 0.8" Border, White on Green;
"New", B 70% spacing; "Halls", B 70% spacing; "Ferry", B 70% spacing;
"Rd", B 70% spacing;
Table of letter and object lefts

N	e	w	H	a	l	l	s	F	e	r	r	y	R	d
4.3	10.3	15.6	27.7	33.7	39,8	43.0	45,7	55,4	59,8	65,6	70,0	73.9	83,9	88.3

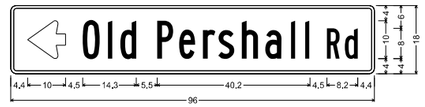


R10-27a
(30"X36")



D3-1:
1.5" Radius, 0.8" Border, White on Green;
"Old", B 90% spacing; "Pershall", B 90% spacing; "Rd", B 90% spacing;
Standard Arrow Custom 10.0" X 10.0" 0°;
Table of letter and object lefts

O	l	d	P	e	r	s	h	a	l	l	R	d	◇
4.4	11.2	14.4	24.2	29.9	36,2	40.2	46.5	52.7	59.4	63.2	68.9	73.7	81.6



1.5" Radius, 0.8" Border, White on Green;
Standard Arrow Custom 10.0" X 10.0" 180°; "Old", B 90% spacing;
"Pershall", B 90% spacing; "Rd", B 90% spacing;
Table of letter and object lefts

◇	O	l	d	P	e	r	s	h	a	l	l	R	d
4.4	18.9	25.7	28.9	38.7	44,4	50.7	54.7	61.0	67.2	73.9	77.7	83,4	88.2

ROUTE AC & OLD PERSHALL RD
INTERSECTION

ROUTE AC SIGNAL
SHEET 04 OF 24

D-37C

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:10-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	145

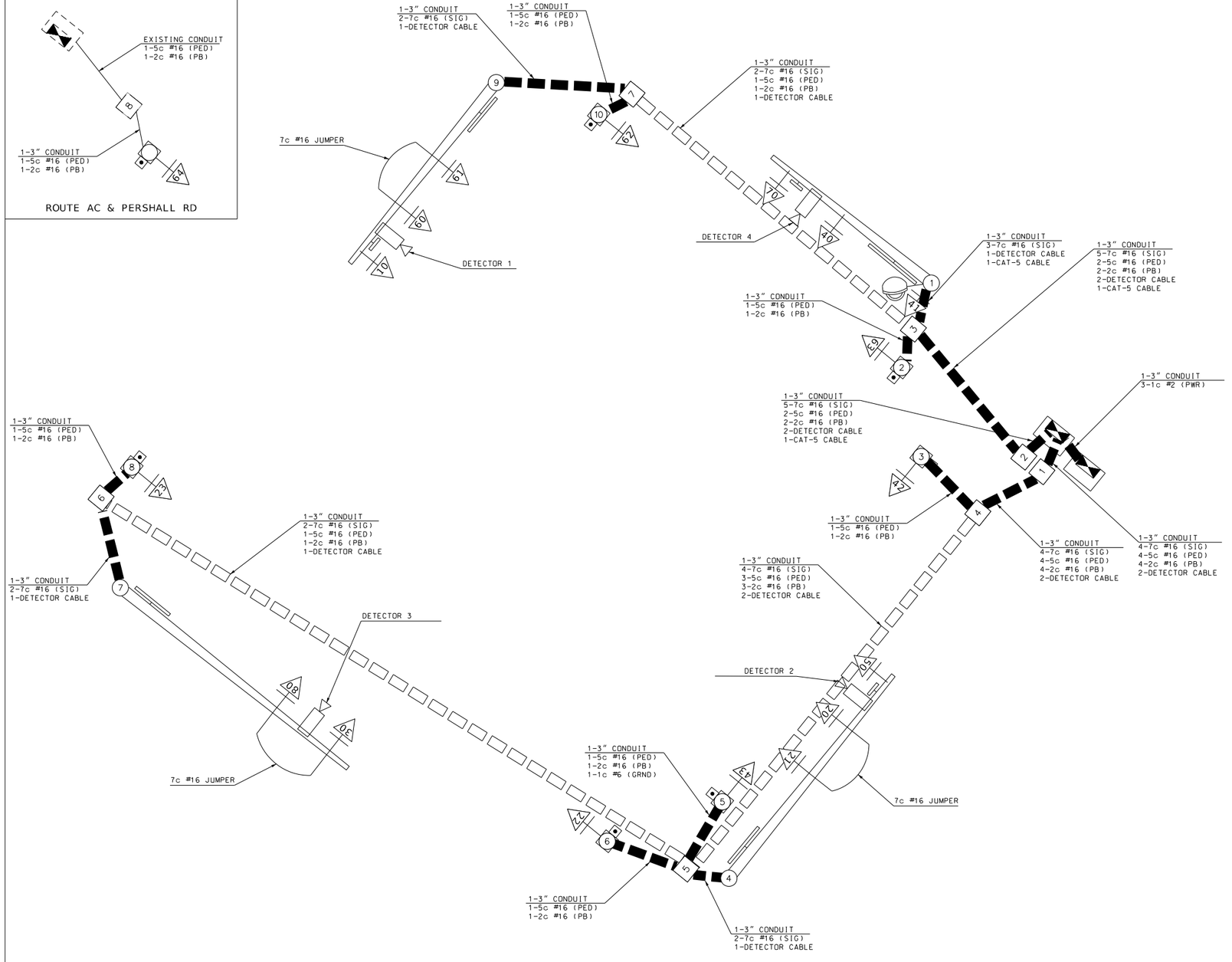
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

ROUTE AC & OLD PERSHALL RD

INTERSECTION ROUTE AC SIGNAL
SHEET 05 OF 24

D-37D

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	146

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

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DESCRIPTION	DATE

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BURNS McDONNELL

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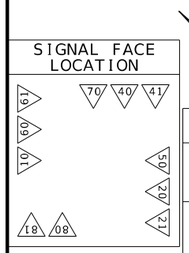
BMcD Project No. 170015

REV.

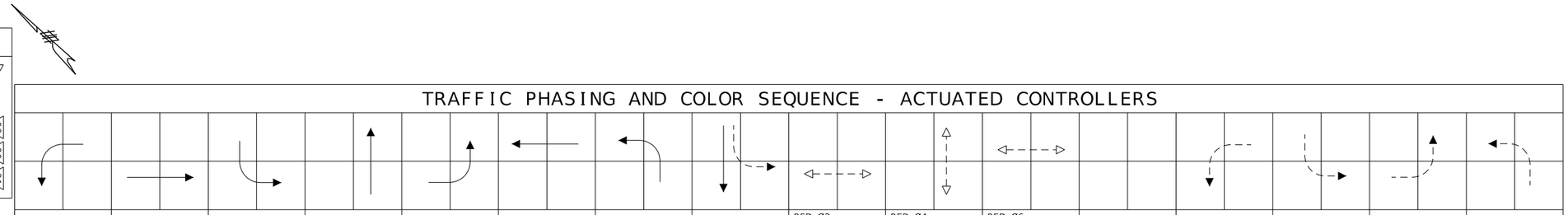
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EFFECTIVE: 12-01-2017

SIGNAL FACE LOCATION

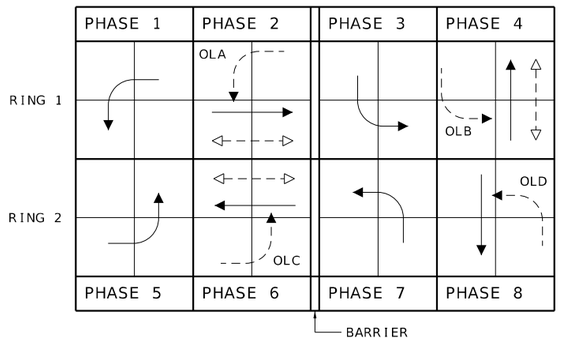


TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	OVERLAP A	OVERLAP B	OVERLAP C	OVERLAP D
FACE NUMBERS	10	20	30	40	50	60	70	80	22	42	62	10	30	50	70
		21		41		61			23	43	63				
SIGNAL INDICATIONS R	RL	R	RL	R	RL	R	RL	R	DW	DW	DW	RL	RL	RL	RL
SIGNAL INDICATIONS Y	YL	Y	YL	Y	YL	Y	YL	Y	FDW	FDW	FDW	YL	YL	YL	YL
SIGNAL INDICATIONS FYL												FYL	FYL	FYL	FYL
SIGNAL INDICATIONS G	L	G	L	G	L	G	L	G	W	W	W				
DETECTOR ASSIGNMENTS	10	20 21	30	40	50	60 61	70	80							
DETECTOR ASSIGNMENTS (PEDS. ONLY)									22 23	42 43	62 63				
OVERLAP PARENT PHASES									2	4	6	2	4	6	8

FACE NUMBERS
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
LY -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ROUTE AC	FR
OLD PERSHALL RD	FR

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE AC

WITH OLD PERSHALL RD

ROUTE AC SIGNAL
SHEET 06 OF 24

D-38A

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:10-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	147

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

REV.

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NOTE:
1. ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARDS SPECIFICATION FOR HIGHWAY CONSTRUCTION 902 "TRAFFIC SIGNALS", UNLESS OTHERWISE NOTED.

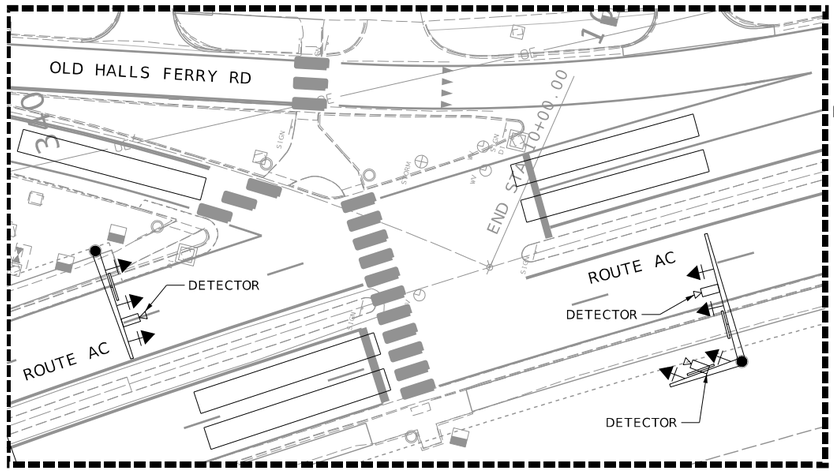
2. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, POWER SUPPLY, AND CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.

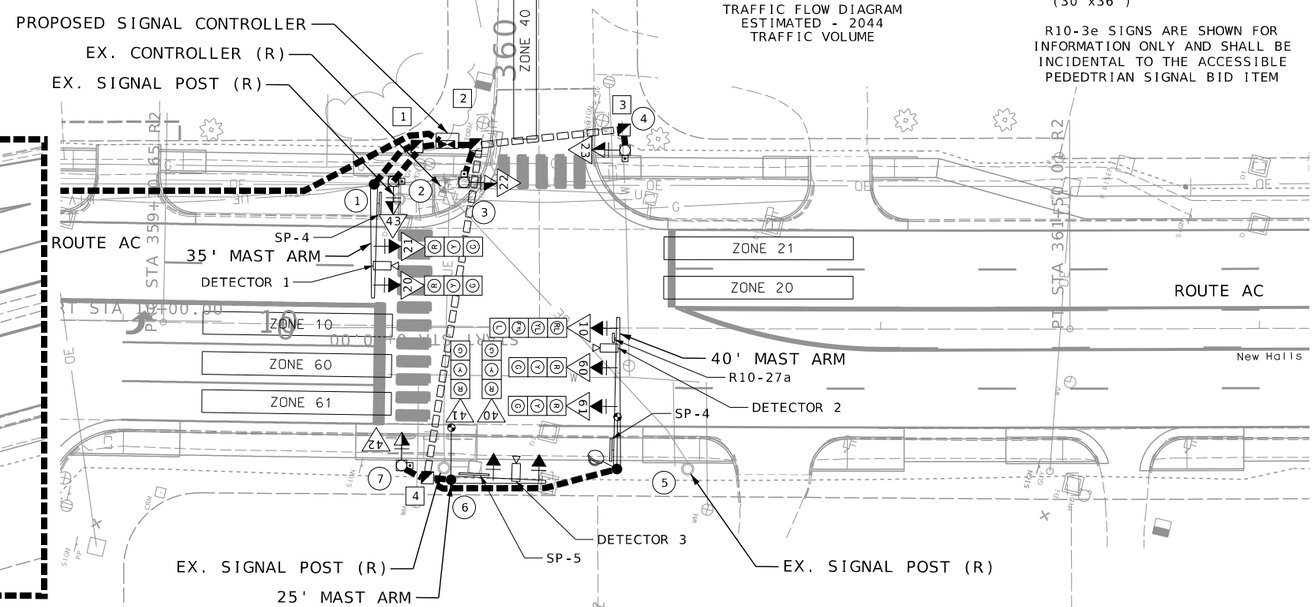
3. CONDUITS UNDER EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.

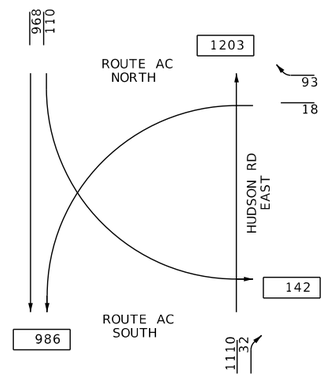
4. PEDESTRIAN DEVICES SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS (APS) AND COUNTDOWN PEDESTRIAN SIGNAL HEADS.

5. AT THE INTERSECTION OF ROUTE AC AND OLD HALLS FERRY ROAD, REMOVE EXISTING VIDEO DETECTION, TRAFFIC SIGNAL CONTROLLER, AND OVERHEAD D3-1 SIGNS. INSTALL NEW OPTIONAL DETECTION SYSTEM, ATC TRAFFIC SIGNAL CONTROLLER, AND OVERHEAD D3-1 SIGNS AND ASSOCIATED MOUNTING HARDWARE.

SCALE
0 20 40 60







TRAFFIC FLOW DIAGRAM
ESTIMATED - 2044
TRAFFIC VOLUME

SIGNS



D3-1 (SP-4)
(72"x18")



D3-1 (SP-5)
(96"x18")



R10-27a
(30"x36")

R10-3eR

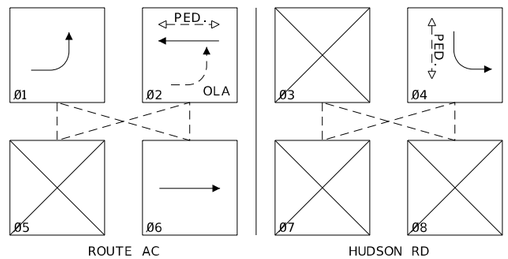
R10-3eL

R10-3e SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTAL TO THE ACCESSIBLE PEDEDTRIAN SIGNAL BID ITEM

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR	
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR	
JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR	
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN	
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED	
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING	
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE	
		MAST ARM - TYPE A BASE	
		MAST ARM - TYPE C BASE	
		MAST ARM - TYPE F BASE	

TRAFFIC SIGNAL PHASING



NOTE:
---- INDICATES NON-CONFLICTING PHASES THAT MAY RUN CONCURRENTLY.
PEDESTRIAN INTERVALS SHALL OCCUR ONLY AFTER PUSHBUTTON ACTIVATION.

ROUTE AC SIGNAL
SHEET 07 OF 24

ALLISON M. BRUNER
NUMBER
PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:34-06'00'

DATE PREPARED
1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	148

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
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314-682-1500
Certificate of Authority
No. : 000165

BMcD Project No. 170015

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EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | BASE CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PULL BOX PREFORMED CLASS 2 | PULL BOX PREFORMED CLASS 3 | PULL BOX PREFORMED CLASS 5 | PULL BOX CONCRETE STANDARD | PULL BOX CONCRETE DOUBLE, TYPE A | PULL BOX CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | POST TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | POST TYPE C & CL ARM LENGTH 25' | POST TYPE C & CL ARM LENGTH 35' | POST TYPE C & CL ARM LENGTH 40' | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL SIGNAL SPACING B | POST TYPE C & CL SIGNAL SPACING C | POST TYPE C & CL SIGNAL SPACING D | POST TYPE C & CL SIGNAL SPACING D' | POST TYPE C & CL SIGN SPACING B | POST TYPE C & CL SIGN SPACING C | POST TYPE C & CL SIGN SPACING D | POST TYPE C & CL SIGN SPACING D' | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL LEFT ARM E SIGNAL SPACING F | POST TYPE B & BL LEFT ARM E SIGNAL SPACING G | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H' | POST TYPE B & BL LEFT ARM E SIGN SPACING F | POST TYPE B & BL LEFT ARM E SIGN SPACING G | POST TYPE B & BL LEFT ARM E SIGN SPACING H | POST TYPE B & BL LEFT ARM E SIGN SPACING H' | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING L | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING M | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | POST TYPE B & BL RIGHT ARM K SIGN SPACING L | POST TYPE B & BL RIGHT ARM K SIGN SPACING M | POST TYPE B & BL RIGHT ARM K SIGN SPACING N | POST TYPE B & BL RIGHT ARM K SIGN SPACING N' | POST TYPE B & BL INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT | LUMINAIRE BRACKET ARM* 12 FT | LUMINAIRE BRACKET ARM* 15 FT |
|---|---|---

NOTES:
1) CABLE PAY TOTALS INCLUDE 5% ADDED FOR SNAKING.
2) CABLE QUANTITY FOR CAT-5 CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE CCTV ASSEMBLY BID ITEM.
3) CABLE QUANTITY FOR OPTIONAL DETECTION CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM BID ITEM.

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
∅	☒	114′			118′												
☒	1	7′			10′												
☒	2	7′			10′												
1	①	26′			29′												
1	②	22′			23′												
2	3	51′							49′								
3	④	10′			11′												
2	③	18′			19′												
2	4	98′							96′								
4	⑥	7′			10′												
4	⑦	8′			9′												
4	⑤	52′			50′												

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE AC	EXIST.	EXIST.	Type		15 Amps	· Amps	Amps	Amps		Amps	Cl. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE AC	359+85.06	48' LT			1												1					

NEMA DETECTOR ASSIGNMENT

CHANNEL	CARD POSITION 1	2	3	4	5	6	7	8
1	VIDEO/RADAR							
2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	INDUCTION LOOP (2)			OPTIONAL DETECTION
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
10	SB ROUTE AC					X
20	NB ROUTE AC					X
21	NB ROUTE AC					X
22	NB ROUTE AC	1				
23	NB ROUTE AC	1				
40	WB HUDSON RD					X
41	WB HUDSON RD					X
42	WB HUDSON RD	1				
43	WB HUDSON RD	1				
60	SB ROUTE AC					X
61	SB ROUTE AC					X
TOTAL		4				1

*3 APPROACHES

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

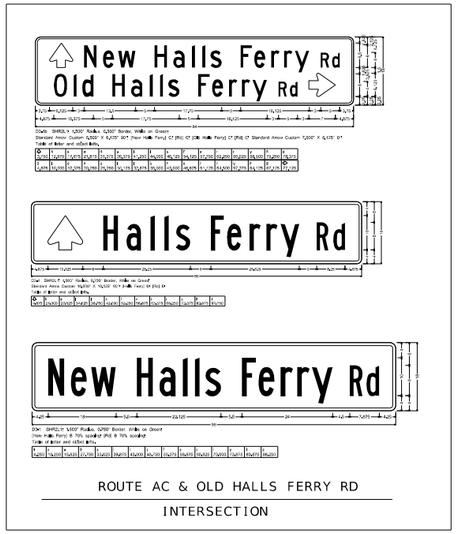
(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) SEE OPTIONAL DETECTION JSP FOR ADDITIONAL DETAILS. SIGNAL DETECTION SHALL BE PAID AS 1 PER INTERSECTION, INCLUDING ADVANCED DETECTION. THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYTEM FULLY COVERING ALL DETECTION ZONES AS SHOWN ON THE PLANS. THE METHOD CHOSEN SHALL COMPLY WITH MODOT'S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED IN THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S APPROVED PRODUCT LIST AND RECEIVE ST. LOUIS DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE UNIT WIHT ALL COSTS INCLUDED.

R10-3 SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTIAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
3	D3-1 ***	VAR. X 18		30	3
	D3-1B ***	VAR. X 18			
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
1	R10-27A	30 X 36	7.5	7.5	1
			SUBTOTAL	37.5	4
			TOTAL	38.0	4



ROUTE AC & OLD HALLS FERRY RD
INTERSECTION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8
Ø1	Ø2	FUTURE	Ø4	FUTURE	Ø6	FUTURE	FUTURE
9	10	11	12	13	14	15	16
PED Ø2	PED Ø4	FUTURE	FUTURE	OLA	FUTURE	FUTURE	FUTURE

ROUTE AC & HUDSON RD
INTERSECTION

R10-3eR

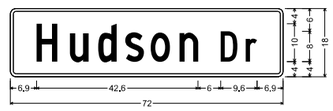


R10-3eL



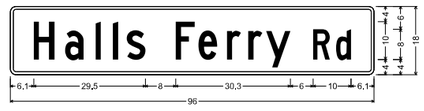


R10-27a (30"x36")



SP-4:
1.5" Radius, 0.8" Border, White on Green:
"Hudson", C; "Dr", C;
Table of letter and object lefts

H	u	d	s	o	n	D	r
6,9	15,7	23,1	30,3	37,0	44,6	55,5	62,1



SP-5:
1.5" Radius, 0.8" Border, White on Green:
"Halls", C; "Ferry", C; "Rd", C;
Table of letter and object lefts

H	a	l	l	s	F	e	r	r	y	R	d
6,1	14,4	22,5	27,0	30,7	43,6	49,7	57,1	62,8	67,5	79,9	86,0

ROUTE AC SIGNAL
SHEET 10 OF 24

D-37C

ALLISON M. BRUNER NUMBER PE-2019005896 STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:11-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	151

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

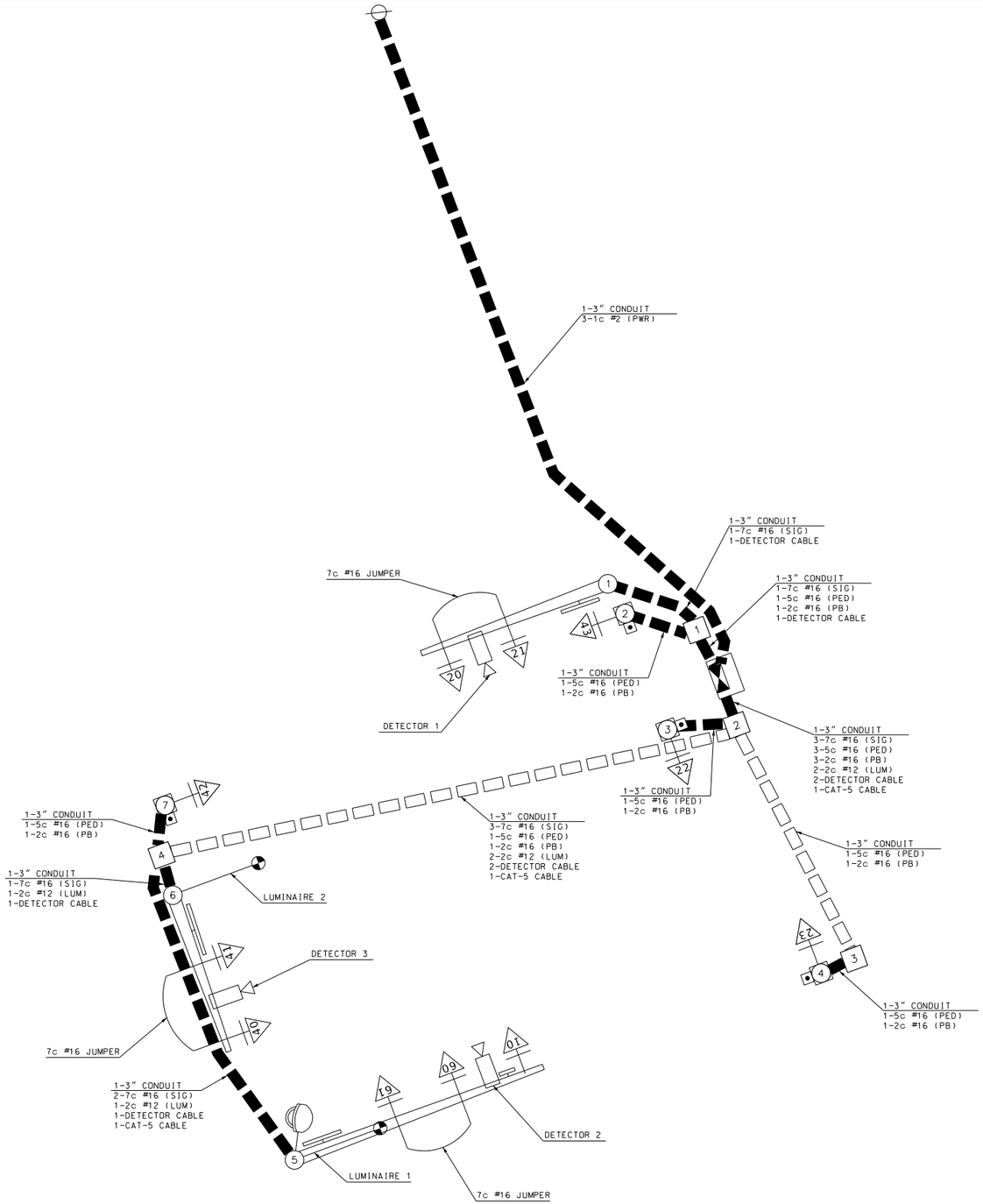
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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EFFECTIVE: 12-01-2017

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

ROUTE AC & HUDSON RD

INTERSECTION ROUTE AC SIGNAL

SHEET 11 OF 24 D-37D

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:11-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	152

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

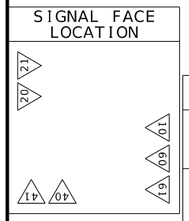
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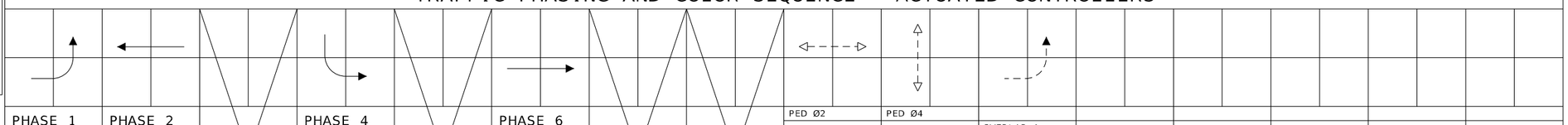
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EFFECTIVE: 12-01-2017

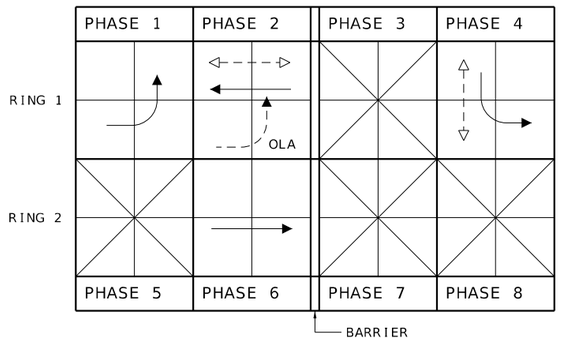
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



		PHASE 1	PHASE 2	PHASE 4	PHASE 6	PED Ø2	PED Ø4	OVERLAP A	
FACE NUMBERS		10	20	40	60	22	42	10	FACE NUMBERS
			21	41	61	23	43		
SIGNAL INDICATIONS	R	RL	R	R	R	DW	DW	RL	R
	Y	YL	Y	Y	Y	FDW	FDW	YL	Y
	FYL							FYL	FYL
	G	L	G	G	G	W	W		G
DETECTOR ASSIGNMENTS		10	20 21	40 41	60 61				DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)						22 23	42 43		
OVERLAP PARENT PHASES						2	4	2	



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ROUTE AC	FR
HUDSON RD	FY

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE AC

WITH HUDSON RD

ROUTE AC SIGNAL
SHEET 12 OF 24

D-38A

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:11-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	153

COUNTY: ST. LOUIS

JOB NO.: J6S3569

CONTRACT ID.:

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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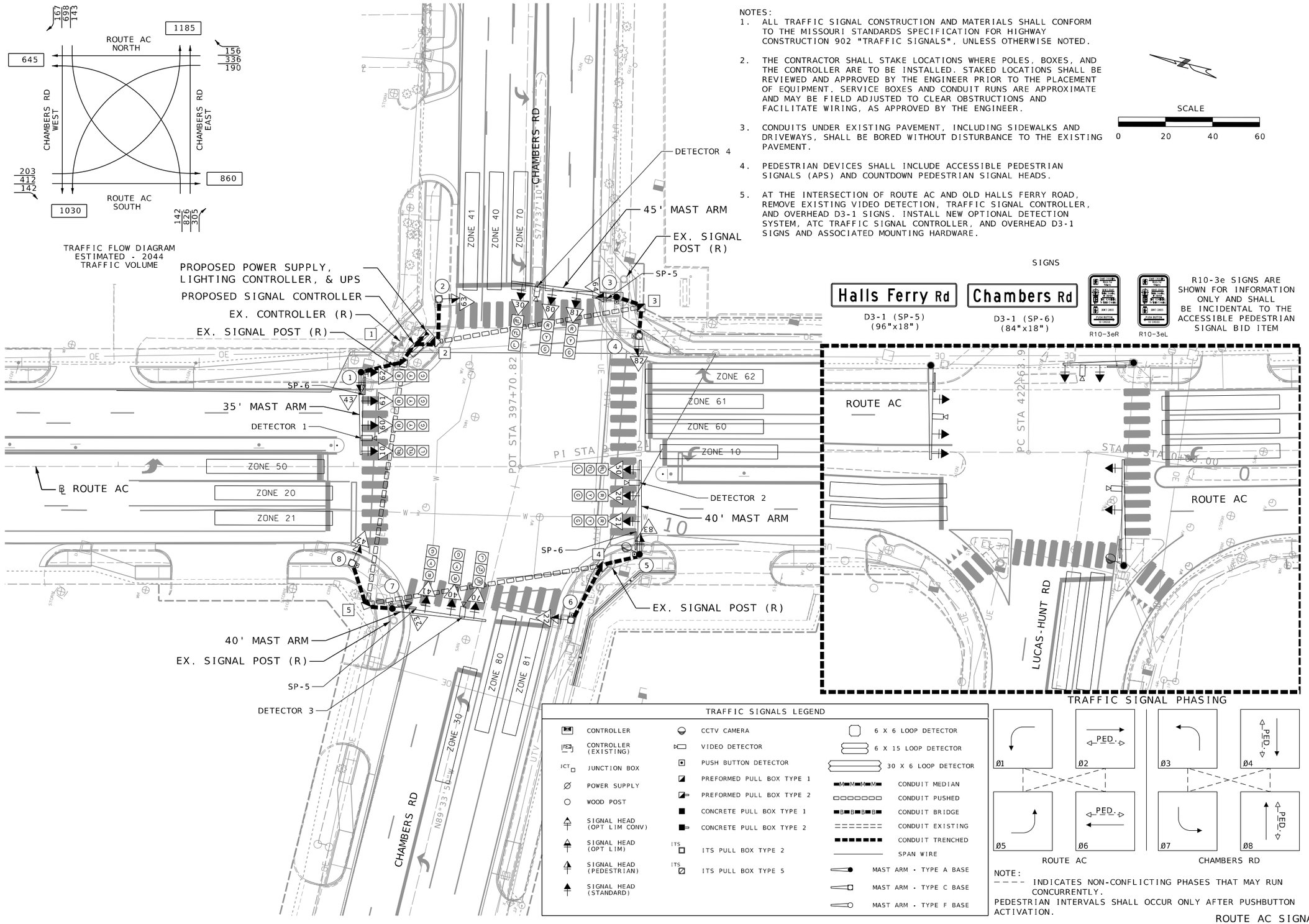
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

TRAFFIC FLOW DIAGRAM
ESTIMATED - 2044
TRAFFIC VOLUME

NOTES:

1. ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARDS SPECIFICATION FOR HIGHWAY CONSTRUCTION 902 "TRAFFIC SIGNALS", UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
3. CONDUITS UNDER EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.
4. PEDESTRIAN DEVICES SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS (APS) AND COUNTDOWN PEDESTRIAN SIGNAL HEADS.
5. AT THE INTERSECTION OF ROUTE AC AND OLD HALLS FERRY ROAD, REMOVE EXISTING VIDEO DETECTION, TRAFFIC SIGNAL CONTROLLER, AND OVERHEAD D3-1 SIGNS. INSTALL NEW OPTIONAL DETECTION SYSTEM, ATC TRAFFIC SIGNAL CONTROLLER, AND OVERHEAD D3-1 SIGNS AND ASSOCIATED MOUNTING HARDWARE.

SCALE
0 20 40 60



SIGNS

D3-1 (SP-5)
(96"x18")

D3-1 (SP-6)
(84"x18")

R10-3eR

R10-3eL

R10-3e SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	6 X 6 LOOP DETECTOR	
CONTROLLER (EXISTING)	VIDEO DETECTOR	6 X 15 LOOP DETECTOR	
JUNCTION BOX	PUSH BUTTON DETECTOR	30 X 6 LOOP DETECTOR	
POWER SUPPLY	PREFORMED PULL BOX TYPE 1	CONDUIT MEDIAN	
WOOD POST	PREFORMED PULL BOX TYPE 2	CONDUIT PUSHED	
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 1	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM)	CONCRETE PULL BOX TYPE 2	CONDUIT EXISTING	
SIGNAL HEAD (PEDESTRIAN)	ITS PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (STANDARD)	ITS PULL BOX TYPE 5	SPAN WIRE	
		MAST ARM - TYPE A BASE	
		MAST ARM - TYPE C BASE	
		MAST ARM - TYPE F BASE	

TRAFFIC SIGNAL PHASING

NOTE:
– – – – INDICATES NON-CONFLICTING PHASES THAT MAY RUN CONCURRENTLY.
PEDESTRIAN INTERVALS SHALL OCCUR ONLY AFTER PUSHBUTTON ACTIVATION.

ROUTE AC SIGNAL
SHEET 13 OF 24

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:36-06'00'

DATE PREPARED: 1/8/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	154

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PULL BOX PREFORMED CLASS 2 | PULL BOX PREFORMED CLASS 3 | PULL BOX PREFORMED CLASS 5 | PULL BOX CONCRETE STANDARD | PULL BOX CONCRETE DOUBLE, TYPE A | PULL BOX CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH 35' | TYPE C & CL ARM LENGTH 40' | TYPE C & CL ARM LENGTH 45' | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH B | TYPE B & BL ARM LENGTH C | TYPE B & BL ARM LENGTH D | TYPE B & BL ARM LENGTH D' | TYPE B & BL LEFT ARM E ARM LENGTH E | TYPE B & BL LEFT ARM E ARM LENGTH K | TYPE B & BL LEFT ARM E SIGNAL SPACING E | TYPE B & BL LEFT ARM E SIGNAL SPACING K | TYPE B & BL LEFT ARM E SIGN SPACING E | TYPE B & BL LEFT ARM E SIGN SPACING K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT | LUMINAIRE BRACKET ARM* 12 FT | LUMINAIRE BRACKET ARM* 15 FT |
|---|---|---

NOTES:
1) CABLE PAY TOTALS INCLUDE 5% ADDED FOR SNAKING.
2) CABLE QUANTITY FOR CAT-5 CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE CCTV ASSEMBLY BID ITEM.
3) CABLE QUANTITY FOR OPTIONAL DETECTION CABLE IS PROVIDED FOR INFORMATION ONLY. CABLE TO BE PAID FOR AS PART OF THE SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM BID ITEM.

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
∅	☒	7′			11′												
☒	1	9′			12′												
☒	2	10′			13′												
1	①	16′			19′												
1	5	101′							99′								
5	⑧	19′			20′												
5	⑦	12′			15′												
5	4	102′							100′								
4	⑥	27′			28′												
4	⑤	17′			20′												
2	②	16′			17′												
2	3	85′							83′								
3	③	12′			15′												
3	④	13′			14′												

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE AC	397+30	55' LT	Type 2		15 Amps	35 Amps	100 Amps	100 Amps		100 Amps	Cl. Ft.	
			Type		Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER							
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE AC	397+26.22	50' LT			1																

NEMA DETECTOR ASSIGNMENT

CHANNEL	CARD POSITION 1	2	3	4	5	6	7	8
1	VIDEO/RADAR							
2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	INDUCTION LOOP (2)			OPTIONAL DETECTION
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
10	NB ROUTE AC					X
20	SB ROUTE AC					X
21	SB ROUTE AC					X
22	SB ROUTE AC	1				
23	SB ROUTE AC	1				
30	EB CHAMBERS RD					X
40	WB CHAMBERS RD					X
41	WB CHAMBERS RD					X
42	WB CHAMBERS RD	1				
43	WB CHAMBERS RD	1				
50	SB ROUTE AC					X
60	NB ROUTE AC					X
61	NB ROUTE AC					X
62	NB ROUTE AC					X
63	NB ROUTE AC	1				
64	NB ROUTE AC	1				
70	WB CHAMBERS RD					X
80	EB CHAMBERS RD					X
81	EB CHAMBERS RD					X
82	EB CHAMBERS RD	1				
83	EB CHAMBERS RD	1				
TOTAL		8				1

*4 APPROACHES

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) SEE OPTIONAL DETECTION JSP FOR ADDITIONAL DETAILS. SIGNAL DETECTION SHALL BE PAID AS 1 PER INTERSECTION, INCLUDING ADVANCED DETECTION. THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYTEM FULLY COVERING ALL DETECTION ZONES AS SHOWN ON THE PLANS. THE METHOD CHOSEN SHALL COMPLY WITH MODOT'S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED IN THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S APPROVED PRODUCT LIST AND RECEIVE ST. LOUIS DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE UNIT WIHT ALL COSTS INCLUDED.

R10-3 SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTIAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM.



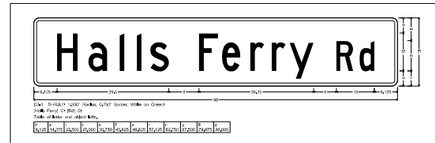
R10-3eR



R10-3eL

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
4	D3-1 ***	VAR. X 18		45.0	4
	D3-1B ***	VAR. X 18			
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	45.0	4
			TOTAL	45.0	4

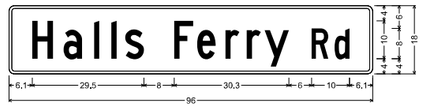






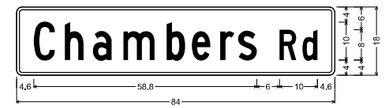
ROUTE AC & LUCAS-HUNT RD
INTERSECTION

NEMA LOAD SWITCH ASSIGNMENTS							
1	2	3	4	5	6	7	8
Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
9	10	11	12	13	14	15	16
PED Ø2	PED Ø4	PED Ø6	PED Ø8	FUTURE	FUTURE	FUTURE	FUTURE



SP-6:
1,5" Radius, 0,8" Border, White on Green:
"Halls", C: "Ferry", C: "Rd", C:
Table of letter and object lefts

H	a	l	l	s	F	e	r	r	y	R	d
6,1	14,4	22,5	27,0	30,7	43,6	49,7	57,1	62,6	67,5	79,9	86,0



SP-6:
1,5" Radius, 0,8" Border, White on Green:
"Chambers", C: "Rd", C:
Table of letter and object lefts

C	h	a	m	b	e	r	s	R	d
4,6	12,8	20,2	28,2	39,6	46,3	53,8	58,5	69,4	75,5

ROUTE AC & CHAMBERS RD
INTERSECTION

ROUTE AC SIGNAL
SHEET 16 OF 24

D-37C

ALLISON M. BRUNER NUMBER PE-2019005896 STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:11-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	157

COUNTY ST. LOUIS
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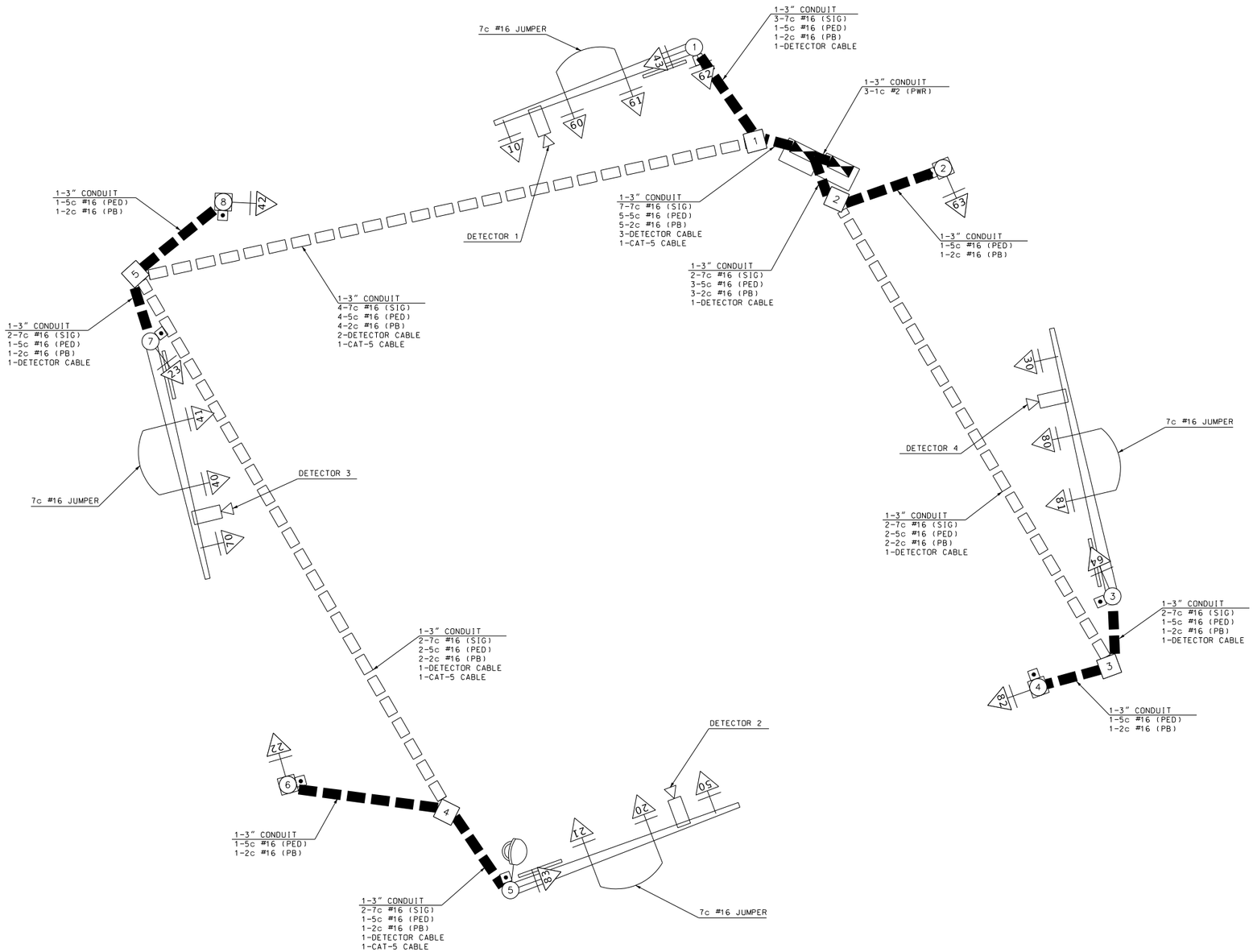
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X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

ROUTE AC & CHAMBERS RD

INTERSECTION ROUTE AC SIGNAL
SHEET 17 OF 24 D-37D

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ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	158

COUNTY
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BRIDGE NO.

DESCRIPTION | DATE

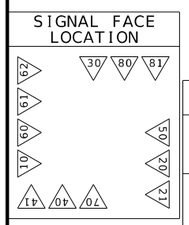
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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EFFECTIVE: 12-01-2017

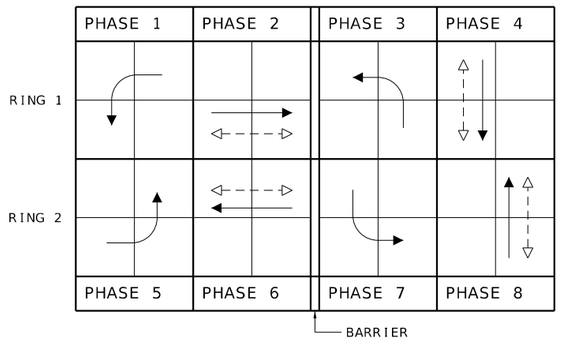
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	PED Ø8
FACE NUMBERS	10	20	30	40	50	60 62	70	80	22	42	63	82
		21		41		61		81	23	43	64	83
SIGNAL INDICATIONS R	RL	R	RL	R	RL	R R	RL	R	DW	DW	DW	DW
SIGNAL INDICATIONS Y	YL	Y	YL	Y	YL	Y Y	YL	Y	FDW	FDW	FDW	FDW
SIGNAL INDICATIONS FYL												
SIGNAL INDICATIONS G	L	G	L	G	L	G G	L	G	W	W	W	W
DETECTOR ASSIGNMENTS	10	20 21	30	40 41	50	60 61 62	70	80 81				
DETECTOR ASSIGNMENTS (PEDS. ONLY)									22 23	42 43	63 64	82 83
OVERLAP PARENT PHASES									2	4	6	8

FACE NUMBERS
SIGNAL INDICATIONS R
SIGNAL INDICATIONS Y
SIGNAL INDICATIONS FYL
SIGNAL INDICATIONS G
SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW	FLASHING DON'T WALK
W	WALK
DW	DON'T WALK
R/W	RIGHT OF WAY INTERVAL
YRt	YELLOW RIGHT ARROW
RT.	GREEN RIGHT ARROW
LY -YL	YELLOW LEFT ARROW
L	GREEN LEFT ARROW
S	GREEN STRAIGHT AHEAD ARROW
G	CIRCULAR GREEN
Y	CIRCULAR YELLOW
R	CIRCULAR RED
RL	RED LEFT ARROW
Ø	TRAFFIC PHASE
AO	ALL OTHERS
FR	FLASHING RED
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ROUTE AC	FR
CHAMBERS RD	FY

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE AC

WITH CHAMBERS RD

ROUTE AC SIGNAL
SHEET 18 OF 24

D-38A

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED: 11/26/2025

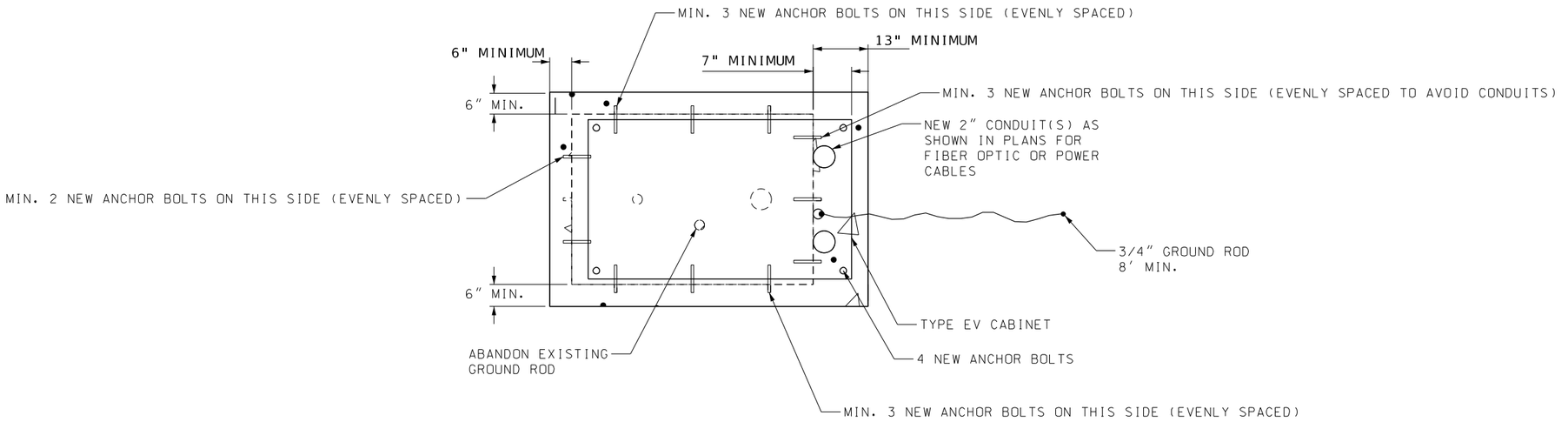
ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	159

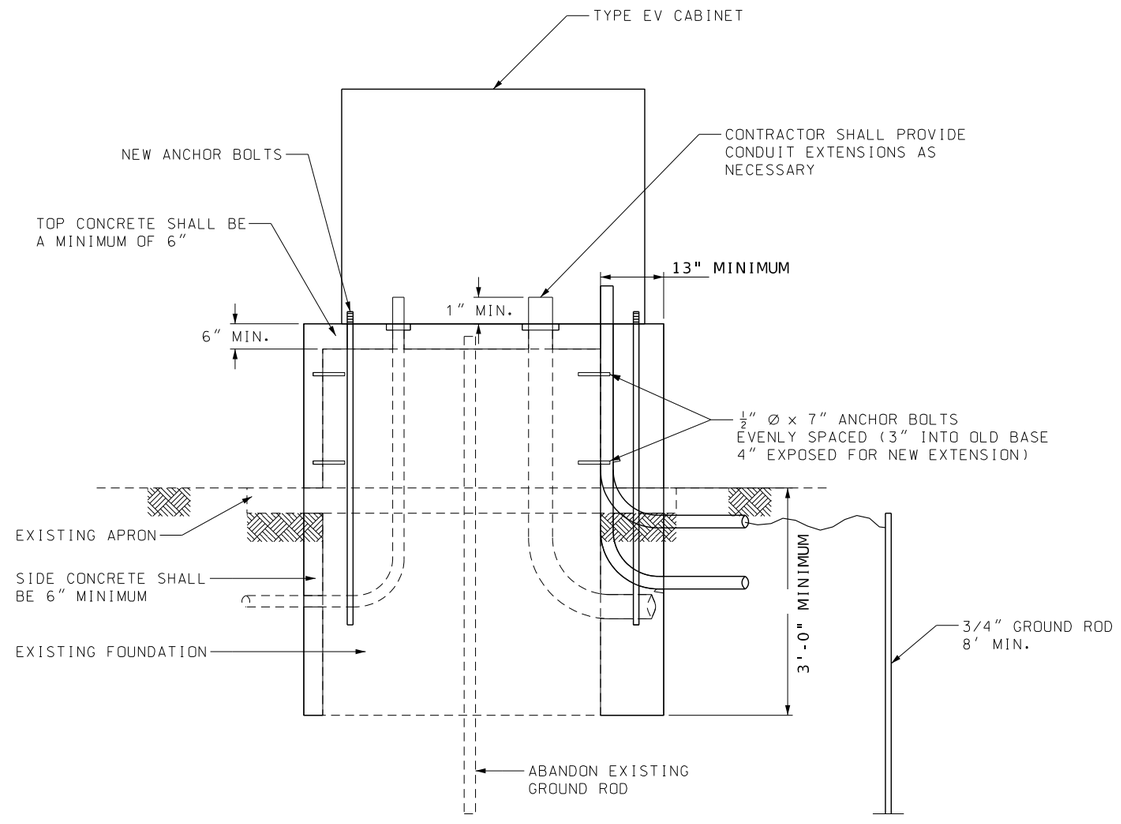
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015





CABINET BASE WRAP

NOT TO SCALE

ROUTE AC SIGNAL
DETAIL SHEET 19 OF 24

ALLISON M. BRUNER
NUMBER PE-2019005896
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED: 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	160

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

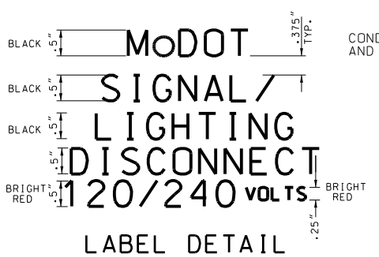
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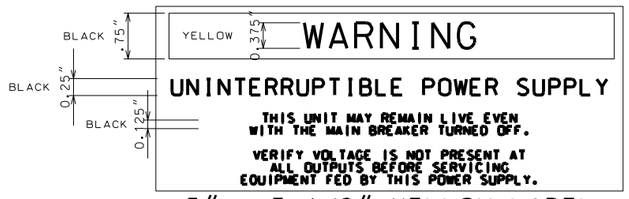
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GENERAL NOTES:

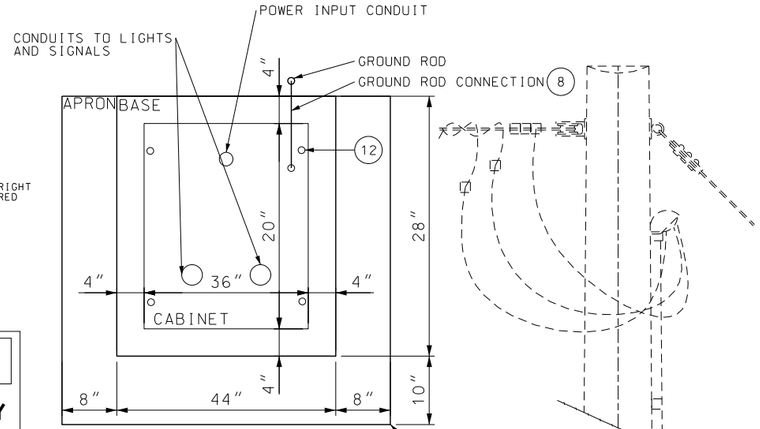
1. ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.
2. PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.
3. SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.
4. THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE SERVICE WILL BE REQUIRED.
5. ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.
6. ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON THE DRAWING SHALL BE INCLUDED IN PRICE BID FOR 'PAD MOUNTED POWER SUPPLY AND LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY.' CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN THE BID PRICE.
7. REFER TO PLAN SHEET DETAIL TO DETERMINE IF A UTILITY POLE OR PEDESTAL WILL BE REQUIRED.
8. CABINET SHALL BE LOCATED WITH A MINIMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.
9. SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.



LABEL DETAIL (13)



5" x 3 1/2" YELLOW LABEL
(UNDER SIGNAL METER ON LOWER DOOR)

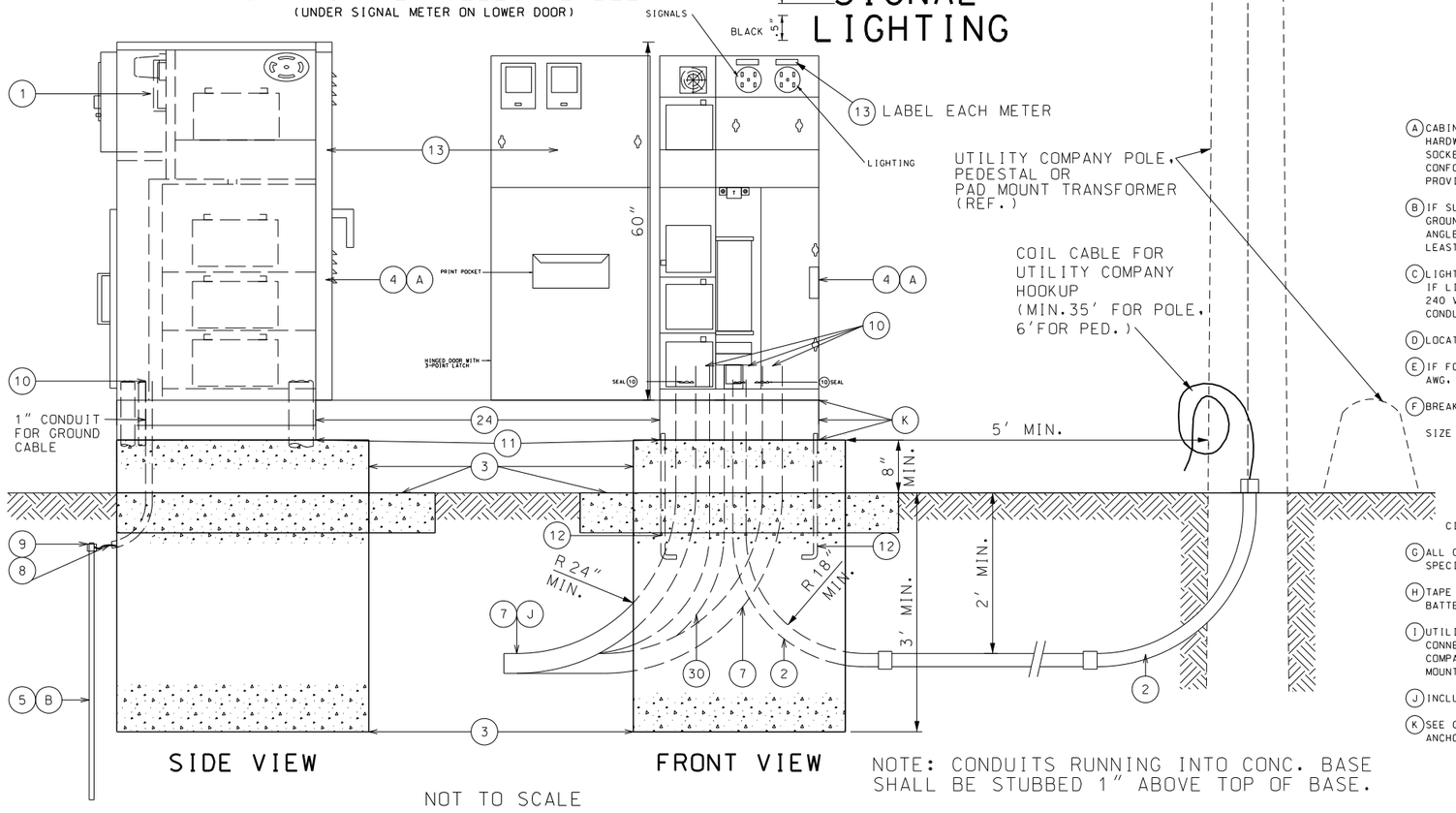


TOP VIEW

5' x 3'-2" x 6" CONCRETE APRON

LABEL DETAIL (13)

BLACK .5"
BLACK .5"
SIGNAL LIGHTING



SIDE VIEW

FRONT VIEW

NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

NOT TO SCALE

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LIST OF MATERIALS

ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT
7	2" MIN. SCH 40 PVC CONDUIT (REF.)
8	#2 AWG MIN., 600 V., GROUND CABLE
9	EXOTHERMIC WELD WIRE TO ROD
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT. SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
16	2-POLE, 650 VOLT LIGHTNING ARRESTER
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH
18	MANUAL-AUTO SWITCH
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP
20	2-POLE, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS *
23	#2 AWG MIN., 600 V., POWER CABLE *
24	6" PEDESTAL RISER
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)
26	30A GENERATOR MALE BASE
27	INVERTER (1100VA MINIMUM)
28	1-POLE, 40 AMP, TYPE B UPS BREAKER
29	1-POLE, 15 AMP, TYPE B FAN BREAKER
30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 6E AND CONTROL WIRING)
*	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS. CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 1 OF 3

ROUTE AC SIGNAL
DETAIL SHEET 20 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	161

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

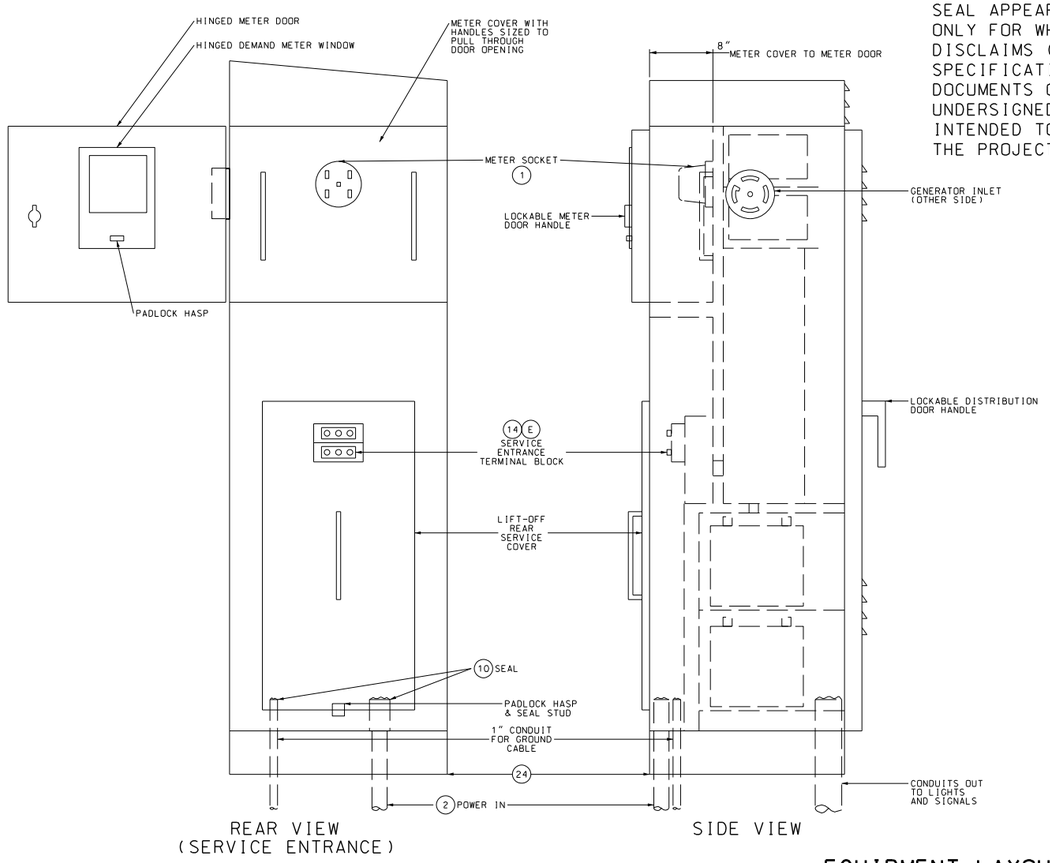
Burns & McDonnell Engineering Co., Inc.
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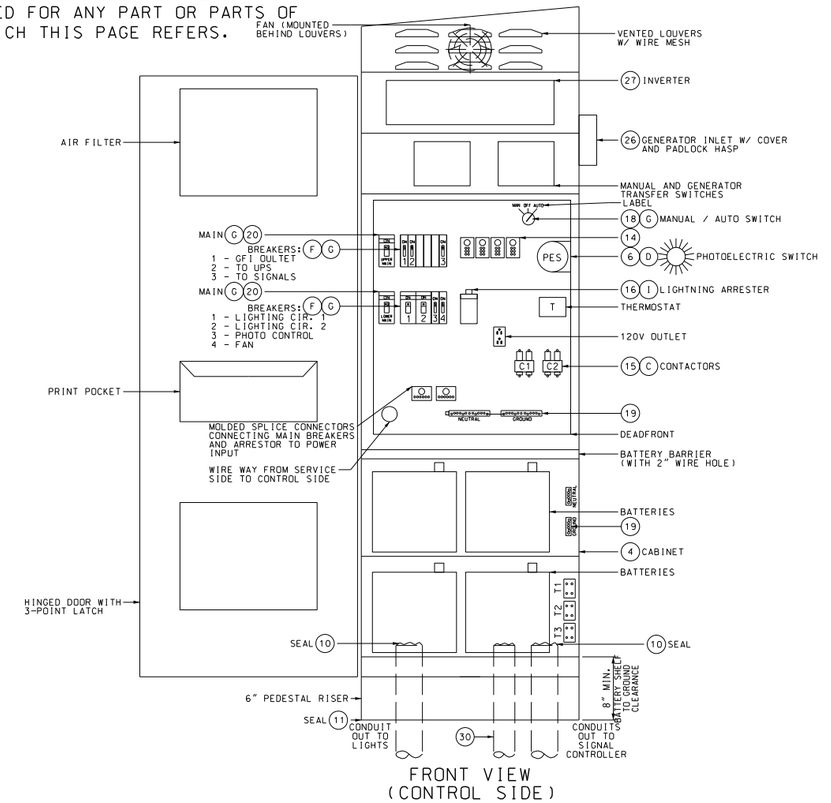
BMcD Project No. 170015

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EQUIPMENT LAYOUT

NOT TO SCALE

LIST OF MATERIALS			
ITEM	DESCRIPTION		
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS	26	30A GENERATOR MALE BASE
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES	27	INVERTER (1100VA MINIMUM)
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)	28	1-POLE, 40 AMP, TYPE B UPS BREAKER
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET	29	1-POLE, 15 AMP, TYPE B FAN BREAKER
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)	30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT	*	SEE PLANS FOR SIZE
7	2" MIN. SCH 40 PVC CONDUIT (REF.)		
8	#2 AWG MIN., 600 V., GROUND CABLE		
9	EXOTHERMIC WELD WIRE TO ROD		
10	PLIABLE SEALANT		
11	LIFETIME SILICONE CAULK		
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED		
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)		
14	INSULATED TERMINAL BLOCK		
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR		
16	2-POLE, 650 VOLT LIGHTNING ARRESTER		
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH		
18	MANUAL-AUTO SWITCH		
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP		
20	2-POLE, TYPE A MAIN BREAKER		
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *		
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23	#2 AWG MIN., 600 V., POWER CABLE *		
24	6" PEDESTAL RISER		
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)		

NOTES

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(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
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20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

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(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

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ROUTE AC SIGNAL
DETAIL SHEET 21 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	162

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

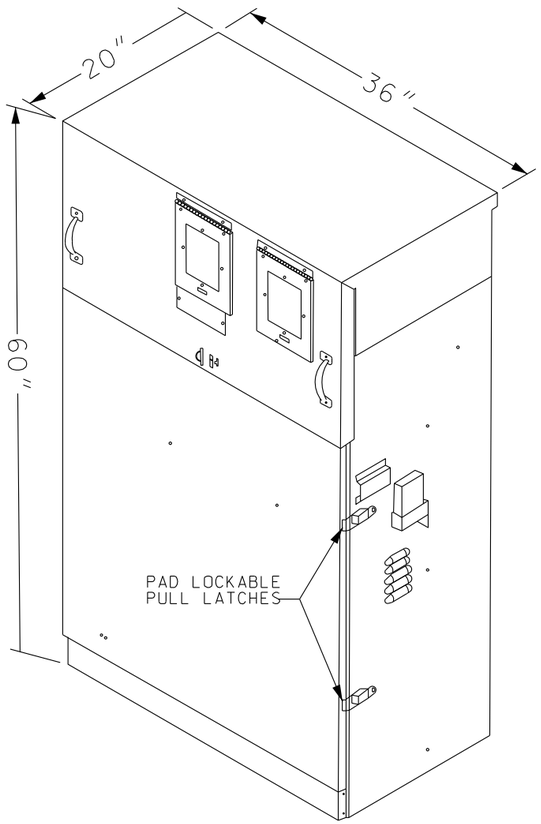
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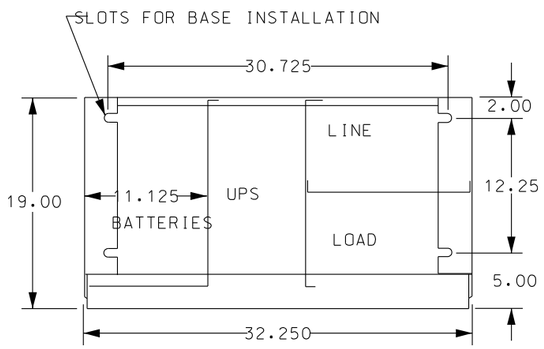
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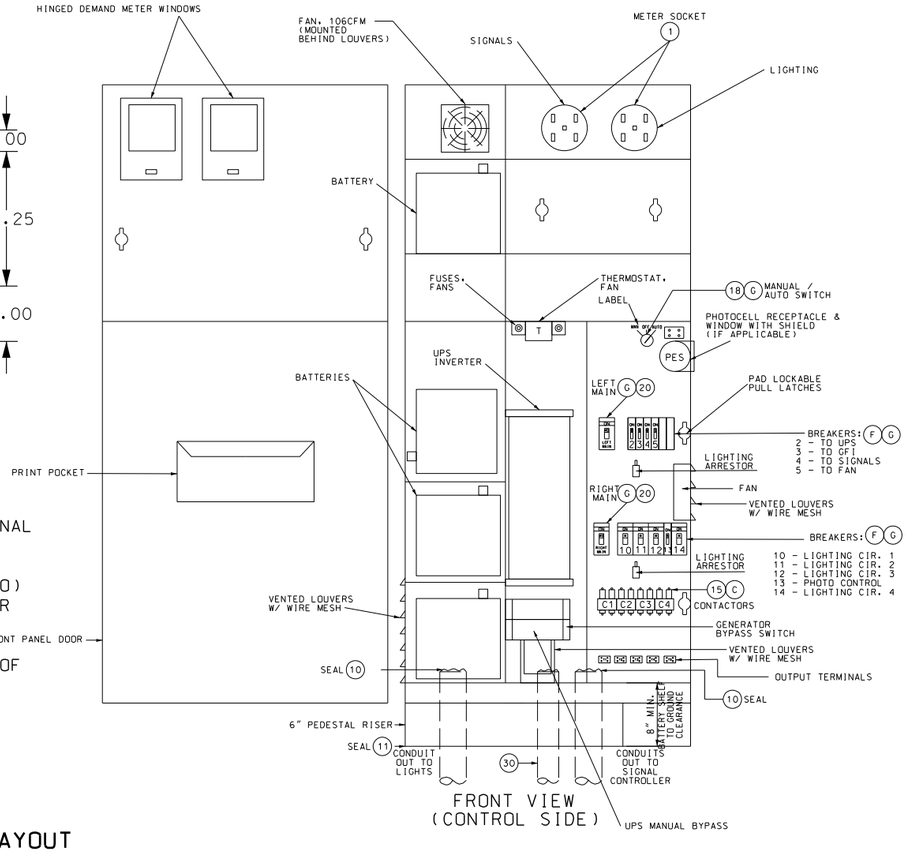


PEDESTAL PLAN VIEW
MOUNTING SLOT DETAIL

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NOTE: WHERE SPACE PROVIDES, UPS SHALL HAVE ADDITIONAL LABELS DENOTING 'LIGHTING' CONTROLS



FRONT VIEW
(CONTROL SIDE)

EQUIPMENT LAYOUT
NOT TO SCALE

NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

LIST OF MATERIALS			
ITEM	DESCRIPTION		
1	METER SOCKET, 200 AMP. WITH LEVER TEST BYPASS		
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES		
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)		
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET		
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)		
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT		
7	2" MIN. SCH 40 PVC CONDUIT (REF.)		
8	#2 AWG MIN., 600 V., GROUND CABLE		
9	EXOTHERMIC WELD WIRE TO ROD		
10	PLIABLE SEALANT		
11	LIFETIME SILICONE CAULK		
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED		
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)		
14	INSULATED TERMINAL BLOCK		
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR		
16	2-POLE, 650 VOLT LIGHTNING ARRESTER		
17	1-POLE, 15 AMP. TYPE B BREAKER TO PHOTOELECTRIC SWITCH		
18	MANUAL-AUTO SWITCH		
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP		
20	2-POLE, TYPE A MAIN BREAKER	26	30A GENERATOR MALE BASE
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS ✳	27	INVERTER (1100VA MINIMUM)
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS ✳	28	1-POLE, 40 AMP, TYPE B UPS BREAKER
23	#2 AWG MIN., 600 V., POWER CABLE ✳	29	1-POLE, 15 AMP, TYPE B FAN BREAKER
24	6" PEDESTAL RISER	30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 6E AND CONTROL WIRING)
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)	✳	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER
SUPPLY & LIGHTING CONTROLLER
W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 2 OF 3

ROUTE AC SIGNAL
DETAIL SHEET 22 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	163

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

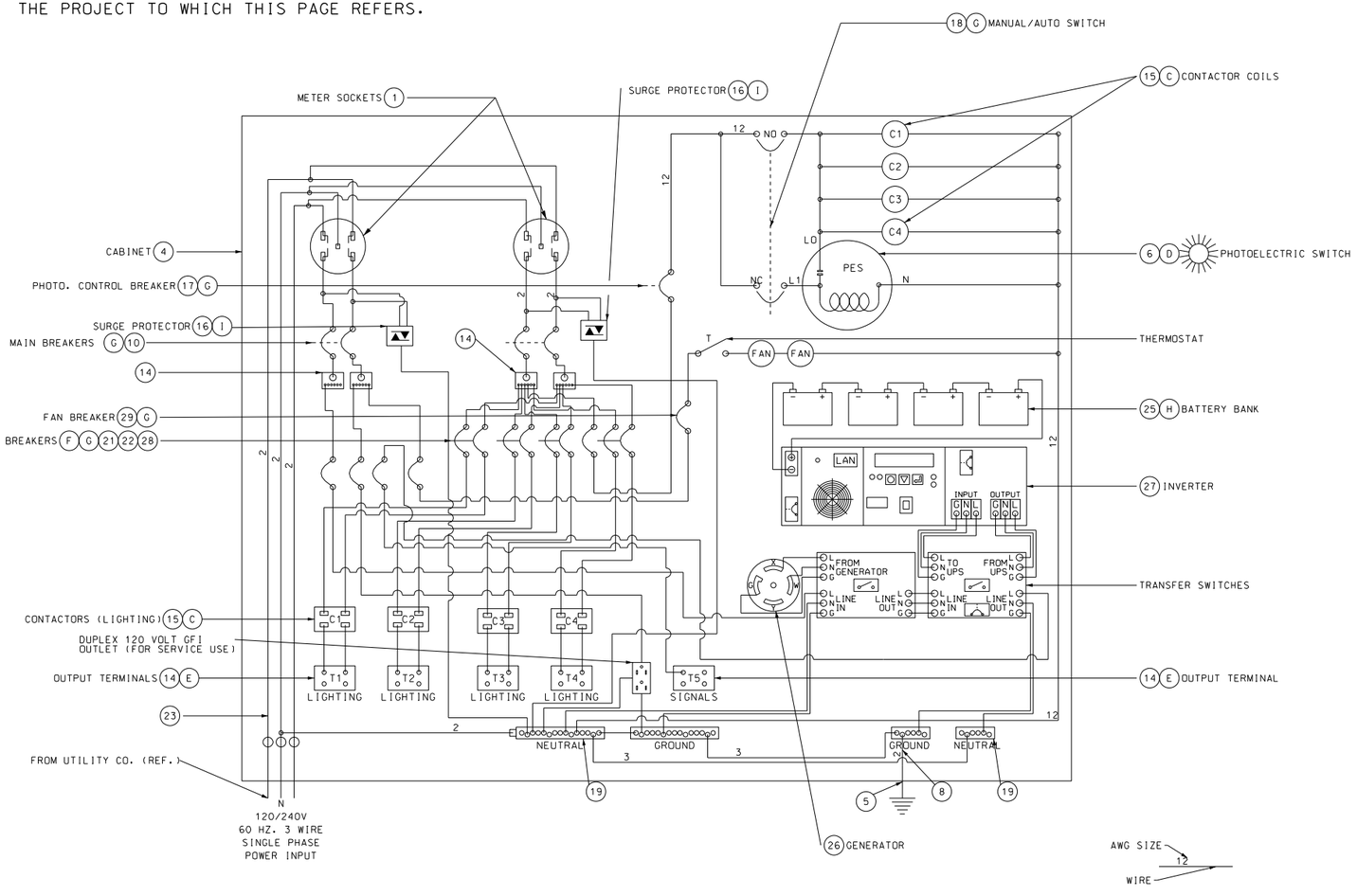
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165

BMcD Project No. 170015

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WIRING DIAGRAM

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT
7	2" MIN. SCH 40 PVC CONDUIT (REF.)
8	#2 AWG MIN., 600 V., GROUND CABLE
9	EXOTHERMIC WELD WIRE TO ROD
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
16	2-POLE, 650 VOLT LIGHTNING ARRESTER
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH
18	MANUAL-AUTO SWITCH
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP
20	2-POLE, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS *
23	#2 AWG MIN., 600 V., POWER CABLE *
24	6" PEDESTAL RISER
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)
26	30A GENERATOR MALE BASE
27	INVERTER (1100VA MINIMUM)
28	1-POLE, 40 AMP, TYPE B UPS BREAKER
29	1-POLE, 15 AMP, TYPE B FAN BREAKER
30	1 ¼" CONDUIT OUT TO SIGNAL CABINET (CAT 6E AND CONTROL WIRING)
*	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

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SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
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30	4650-5500	2330-2780
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40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

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(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER
SUPPLY & LIGHTING CONTROLLER
W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 3 OF 3

ROUTE AC SIGNAL
DETAIL SHEET 23 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:12-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	164

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

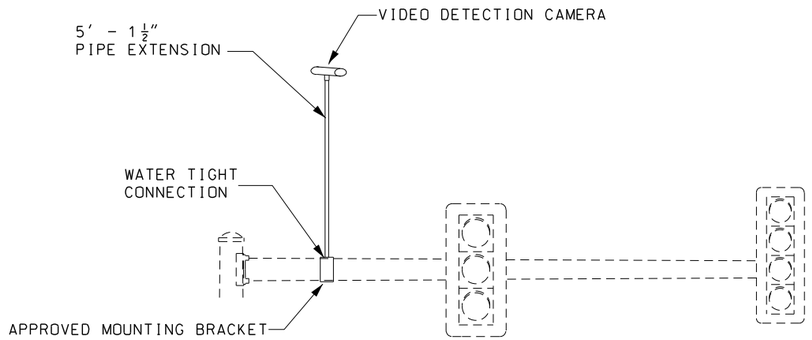
BRIDGE NO.

DESCRIPTION	DATE

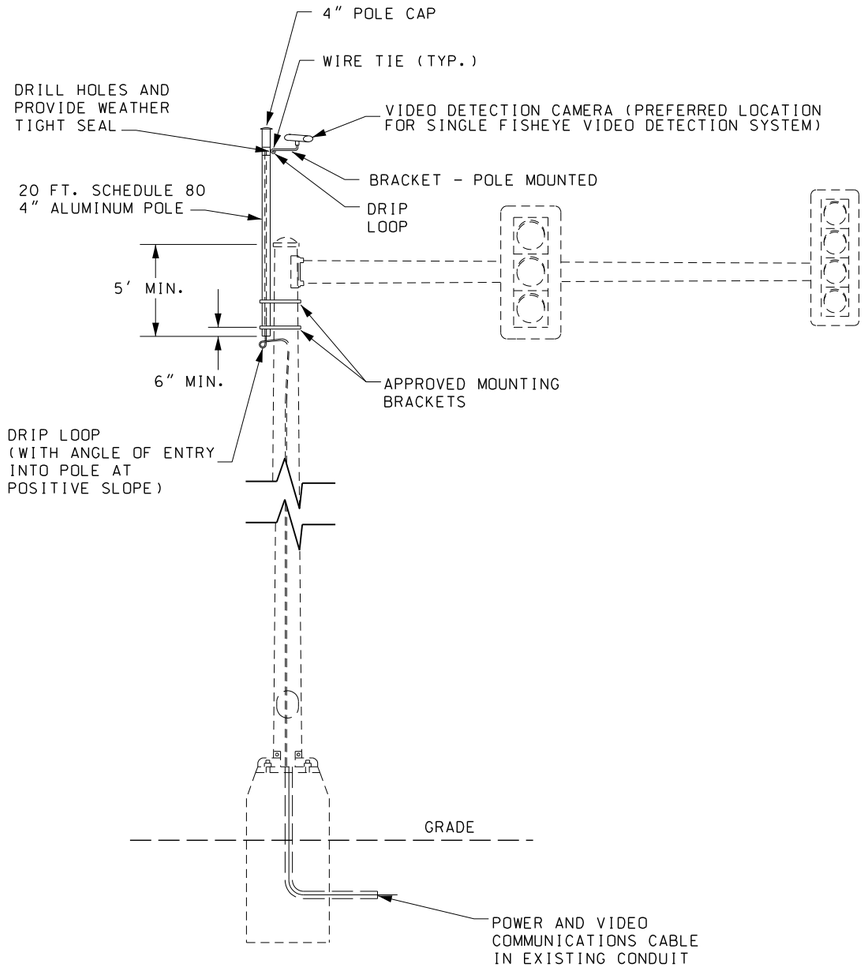
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

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CAMERAS SHALL BE AS CLOSE AS POSSIBLE TO CENTER OF SIGNALIZED APPROACH



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GENERAL NOTES:

1) PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT.
2) CAMERAS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
3) NO CAMERA SHALL BE INSTALLED ON PEDESTALS UNLESS DIRECTED BY THE ENGINEER.
4) NO CAMERA SHALL BE INSTALLED ON 15' LUMINAIRE ARM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

NOT TO SCALE

REVISED 07/27/2023

ROUTE AC SIGNAL
DETAIL SHEET 24 OF 24

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:13-06'00'

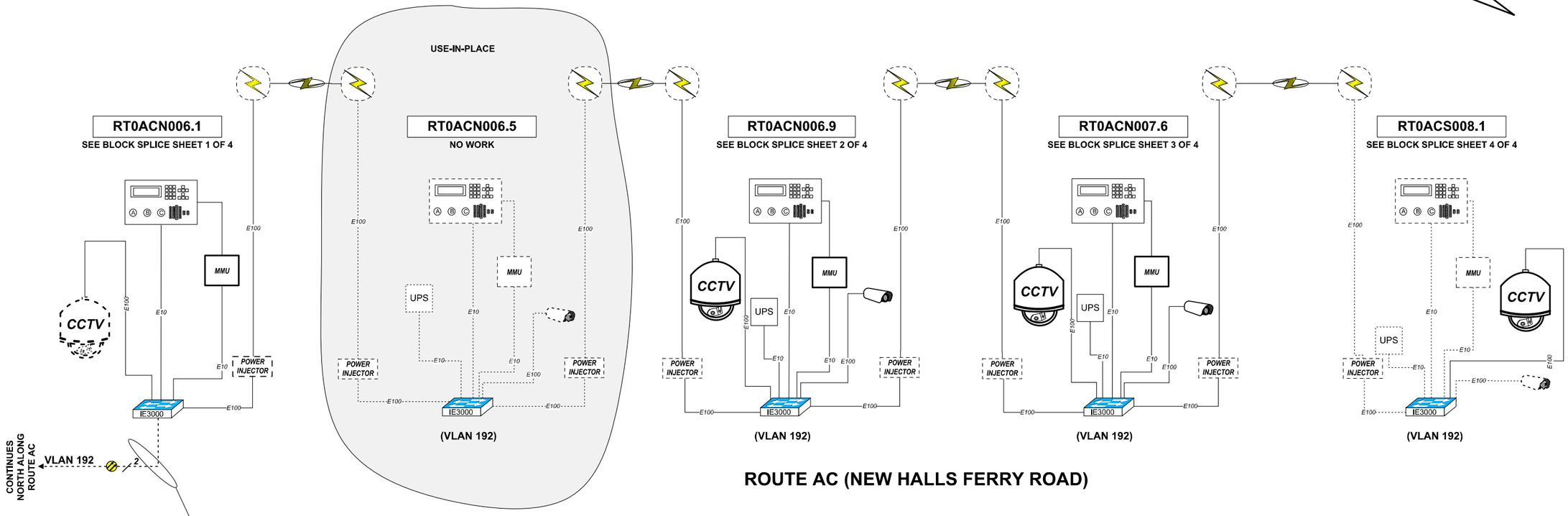
DATE PREPARED 11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	165

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



ROUTE AC (NEW HALLS FERRY ROAD)

SHADED AREA SHOWS WHERE NO WORK IS REQUIRED FOR THIS PROJECT

COMMUNICATIONS PLAN

ROUTE AC

SHEET 1 OF 1

RT055E001.8T — DEVICE IDENTIFIER

CCTV — EXISTING/ PROPOSED CCTV CAMERA

DMS — EXISTING DYNAMIC MESSAGE SIGN

5505 5505 — EXISTING/PROPOSED CISCO ASA5505

IE3000 — EXISTING CISCO IE3000 SWITCH

EXISTING TRAFFIC SIGNAL CONTROLLER

MMU — EXISTING MALFUNCTION MANAGEMENT UNIT

CELL MODEM — EXISTING CELLULAR MODEM

EXISTING WIRELESS ETHERNET BRIDGE

POWER INJECTOR — EXISTING PROJECT INJECTOR

MC — EXISTING MEDIA CONVERTER

FO DATA MODEM — EXISTING FIBER OPTIC DATA MODEM

E10 — 10 MBPS ETHERNET

E100 — 100 MBPS ETHERNET

EXISTING VIDEO DETECTION SYSTEM

VDS AP — EXISTING SENSYS DETECTION SYSTEM

VD — EXISTING IP VIDEO ENCODER

DEVICE SERVER — EXISTING DEVICE SERVER

EXISTING RADAR DETECTION UNIT

MULTIMODE/ SINGLE MODE FIBER OPTIC CABLE

EXISTING WIRELESS CONNECTION

EXISTING/PROPOSED FUSION SPLICE

EXISTING CABLE

PROPOSED CABLE

DSL MODEM — PROPOSED DSL MODEM

NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN FOR CLARITY. SEE SPLICE DIAGRAMS.

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-2002000606
REGISTERED PROFESSIONAL ENGINEER
11/21/2025

DATE PREPARED: 10/15/2025
ROUTE: AC
STATE: MO
DISTRICT: SL
SHEET NO.: 166
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

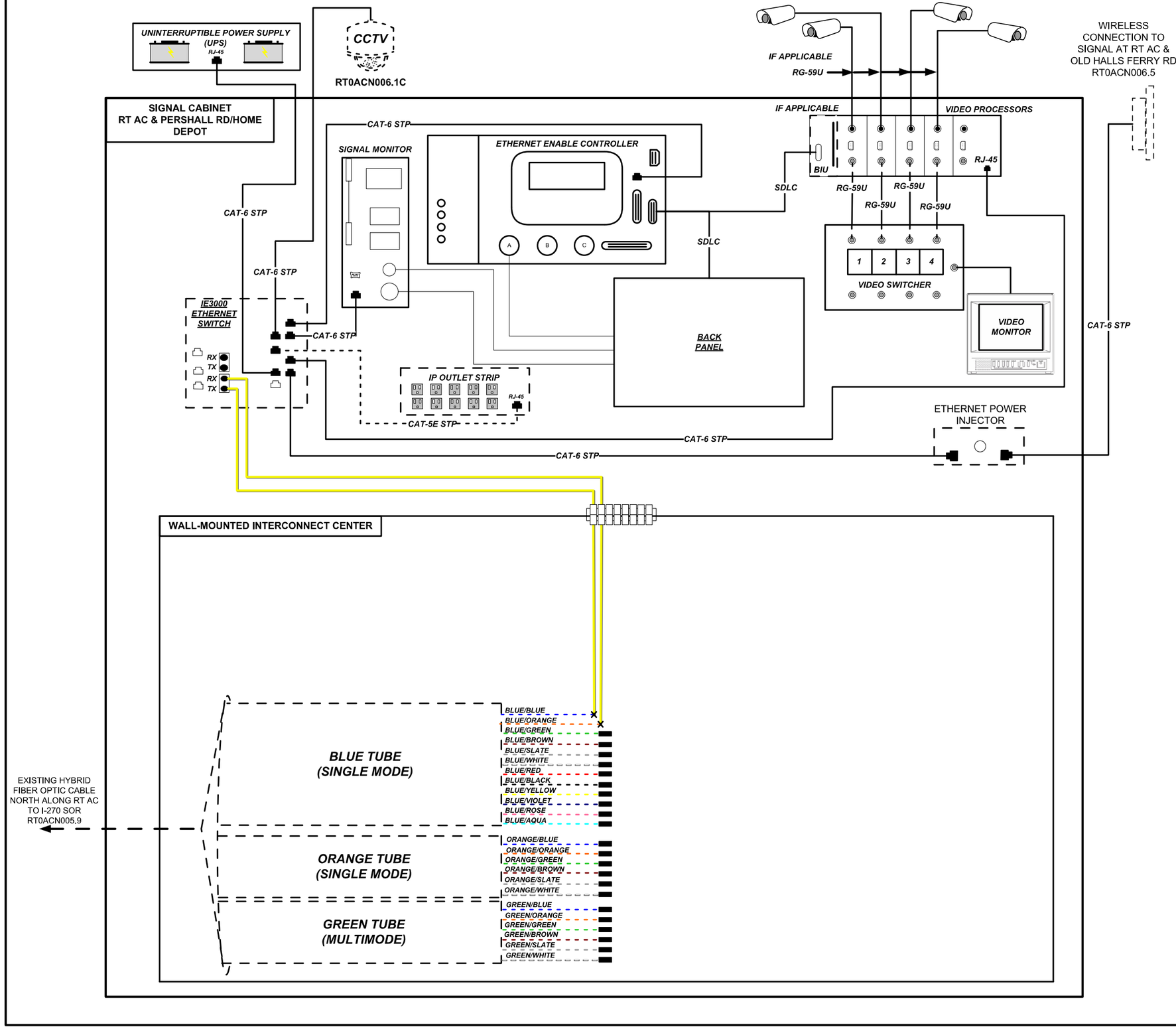
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201

J6S3569_LocalComm_v2.vsdx

REV. 10/15/2025



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV (EX)	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
	RADAR DETECTION UNIT
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
×	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

VLAN VL0192

FIBER SPLICING & BLOCK DIAGRAM RT0ACN006.1 RT AC & OLD PERSHALL RD/ HOME DEPOT SHEET 1 OF 4

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-20020606
REGISTERED PROFESSIONAL ENGINEER
11/21/2025

DATE PREPARED 9/29/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 167
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

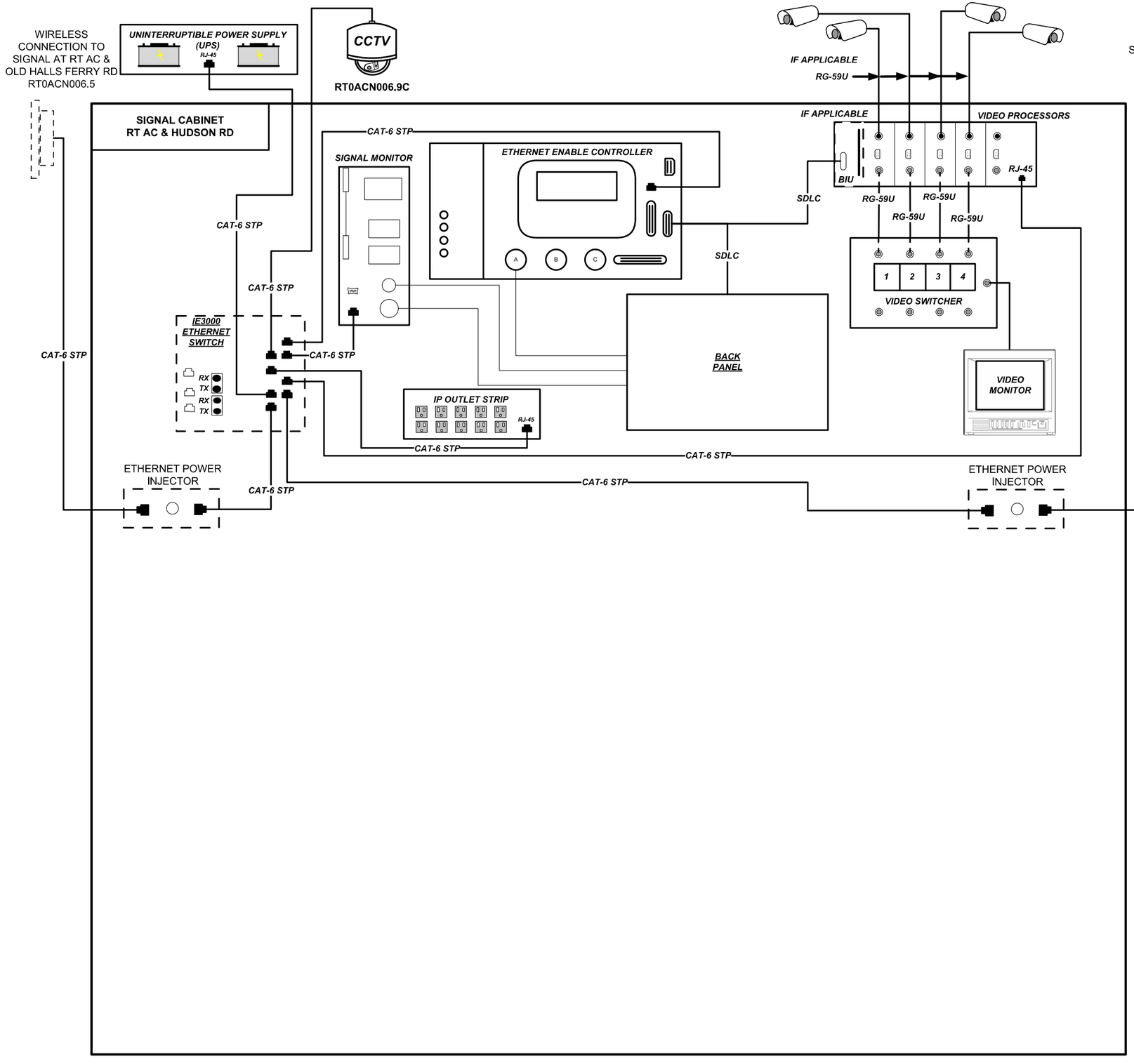
DESCRIPTION | DATE | REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201

J6S3569_BlockSplice_v2.vsdx 9/29/2025



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV (EX)	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
	RADAR DETECTION UNIT
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
×	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

VLAN VL0192

FIBER SPLICING & BLOCK DIAGRAM

RT0ACN006.9
RT AC & HUDSON RD

SHEET 2 OF 4

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-20020060
REGISTERED PROFESSIONAL ENGINEER
11/21/2025

DATE PREPARED 9/29/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 168
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201

REV.

WIRELESS CONNECTION TO SIGNAL AT RT AC & HUDSON RD RT0ACN006.9

UNINTERRUPTIBLE POWER SUPPLY (UPS) RJ-45

CCTV

RT0ACN007.6C

IF APPLICABLE

RG-59U

IF APPLICABLE

VIDEO PROCESSORS

WIRELESS CONNECTION TO SIGNAL AT RT AC & LUCAS AND HUNT RD RT0ACS008.1

SIGNAL CABINET
RT AC & HUDSON RD

CAT-6 STP

SIGNAL MONITOR

ETHERNET ENABLE CONTROLLER

BIU

RJ-45

RG-59U

RG-59U

RG-59U

RG-59U

SDLC

SDLC

A

B

C

1

2

3

4

VIDEO SWITCHER

IE3000 ETHERNET SWITCH

RX

TX

RX

TX

BACK PANEL

VIDEO MONITOR

IP OUTLET STRIP

RJ-45

ETHERNET POWER INJECTOR

ETHERNET POWER INJECTOR

KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
	RADAR DETECTION UNIT
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
× ×	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

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2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

VLAN VL0192

FIBER SPLICING & BLOCK DIAGRAM

RT0ACN007.6
RT AC & CHAMBERS RD

SHEET 3 OF 4

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-20020060606
REGISTERED PROFESSIONAL ENGINEER
11/21/2025

DATE PREPARED 9/29/2025

ROUTE AC | STATE MO

DISTRICT SL | SHEET NO. 169

COUNTY ST. LOUIS

JOB NO. J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

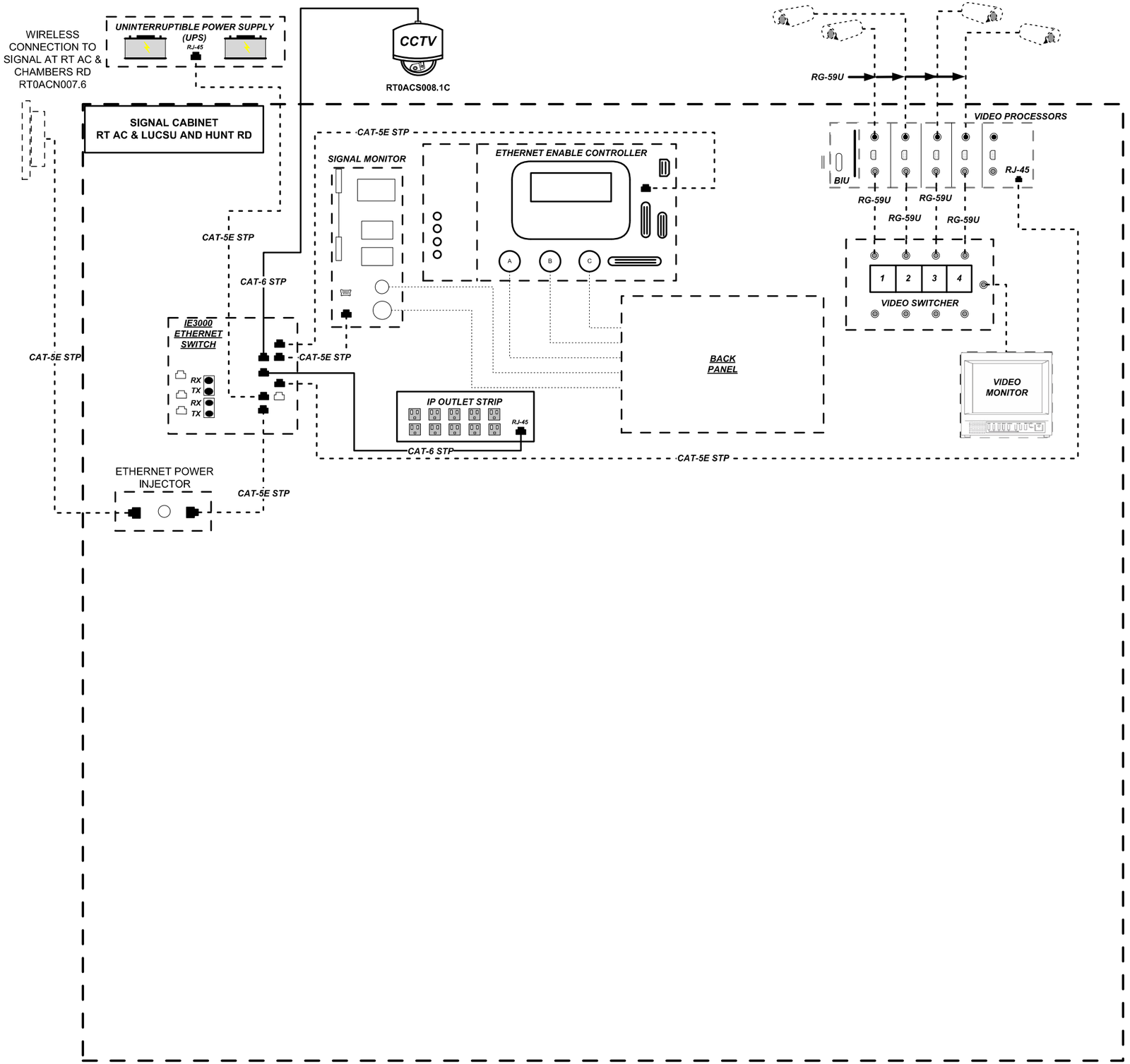
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201

J6S3569_BlockSplice_v2.vsdx

9/29/2025



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV (EX)	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
	RADAR DETECTION UNIT
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
× ×	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

VLAN VL0192

FIBER SPLICING & BLOCK DIAGRAM

RT0ACS008.1
RT AC & LUCAS AND HUNT RD

SHEET 4 OF 4

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-20020060606
REGISTERED PROFESSIONAL ENGINEER
11/21/2025

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 9/29/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 170
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

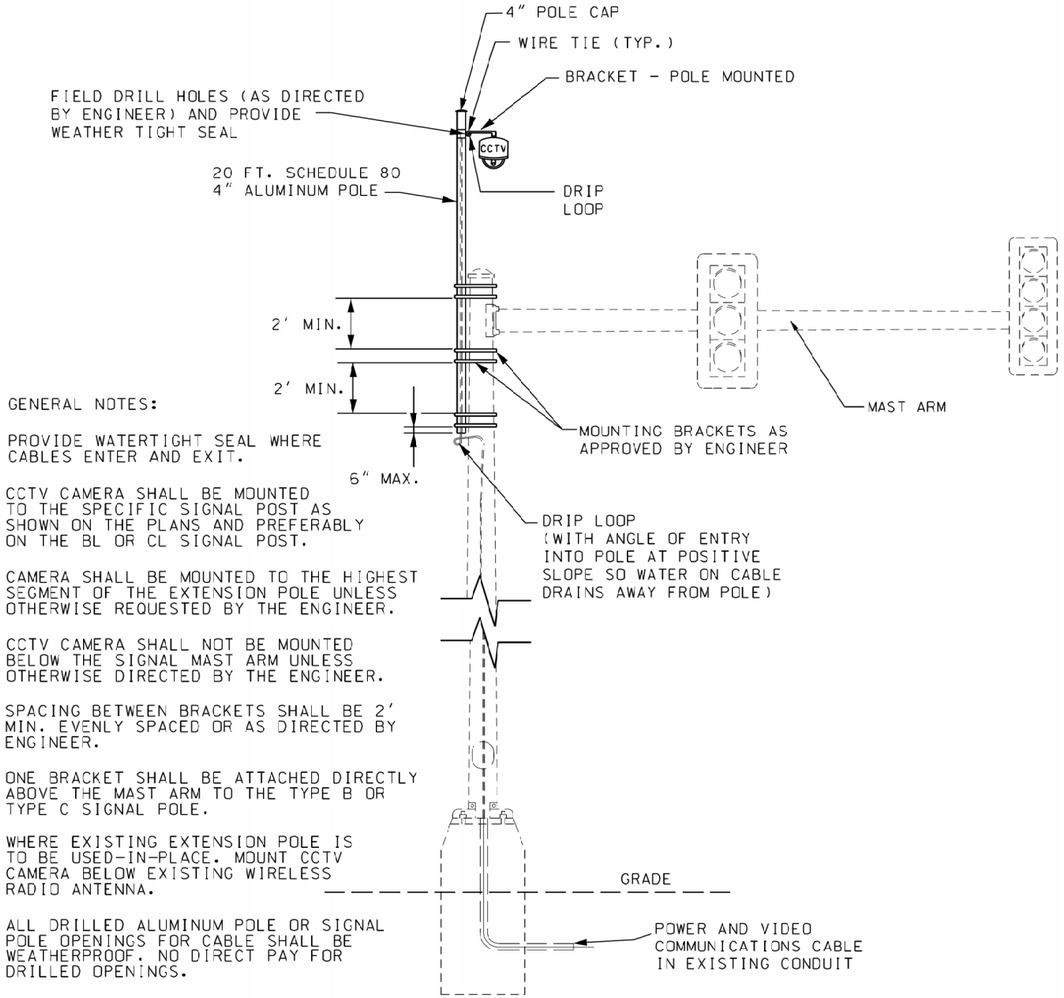
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201

REV.

J6S3569_BlockSplice_v2.vsdx 9/29/2025



GENERAL NOTES:

PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT.

CCTV CAMERA SHALL BE MOUNTED TO THE SPECIFIC SIGNAL POST AS SHOWN ON THE PLANS AND PREFERABLY ON THE BL OR CL SIGNAL POST.

CAMERA SHALL BE MOUNTED TO THE HIGHEST SEGMENT OF THE EXTENSION POLE UNLESS OTHERWISE REQUESTED BY THE ENGINEER.

CCTV CAMERA SHALL NOT BE MOUNTED BELOW THE SIGNAL MAST ARM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

SPACING BETWEEN BRACKETS SHALL BE 2' MIN. EVENLY SPACED OR AS DIRECTED BY ENGINEER.

ONE BRACKET SHALL BE ATTACHED DIRECTLY ABOVE THE MAST ARM TO THE TYPE B OR TYPE C SIGNAL POLE.

WHERE EXISTING EXTENSION POLE IS TO BE USED-IN-PLACE. MOUNT CCTV CAMERA BELOW EXISTING WIRELESS RADIO ANTENNA.

ALL DRILLED ALUMINUM POLE OR SIGNAL POLE OPENINGS FOR CABLE SHALL BE WEATHERPROOF. NO DIRECT PAY FOR DRILLED OPENINGS.

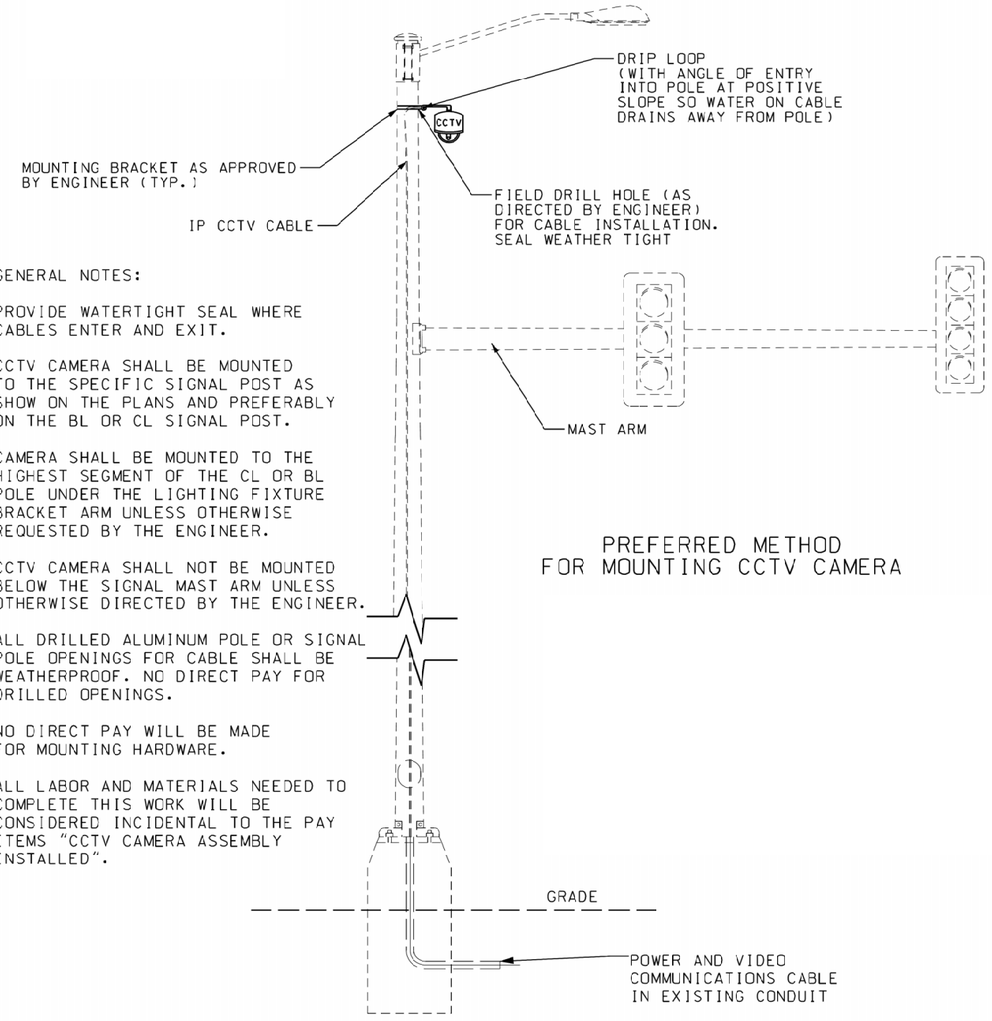
NO DIRECT PAY WILL BE MADE FOR MOUNTING HARDWARE.

ALL LABOR AND MATERIALS NEEDED TO COMPLETE THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS "CCTV CAMERA ASSEMBLY INSTALLED".

NOT TO SCALE

CCTV MOUNTING ON NEW OR EXISTING C OR B SIGNAL POST WITH EXTENSION POLE

REVISED 6-06-2024



GENERAL NOTES:

PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT.

CCTV CAMERA SHALL BE MOUNTED TO THE SPECIFIC SIGNAL POST AS SHOW ON THE PLANS AND PREFERABLY ON THE BL OR CL SIGNAL POST.

CAMERA SHALL BE MOUNTED TO THE HIGHEST SEGMENT OF THE CL OR BL POLE UNDER THE LIGHTING FIXTURE BRACKET ARM UNLESS OTHERWISE REQUESTED BY THE ENGINEER.

CCTV CAMERA SHALL NOT BE MOUNTED BELOW THE SIGNAL MAST ARM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

ALL DRILLED ALUMINUM POLE OR SIGNAL POLE OPENINGS FOR CABLE SHALL BE WEATHERPROOF. NO DIRECT PAY FOR DRILLED OPENINGS.

NO DIRECT PAY WILL BE MADE FOR MOUNTING HARDWARE.

ALL LABOR AND MATERIALS NEEDED TO COMPLETE THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS "CCTV CAMERA ASSEMBLY INSTALLED".

NOT TO SCALE

CCTV MOUNTING ON NEW OR EXISTING CL OR BL SIGNAL POST WITH LUMINAIRE

PREFERRED METHOD FOR MOUNTING CCTV CAMERA

ROUTE AC ITS DETAIL
SHEET 01 OF 02

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:13-06'00'

DATE PREPARED	
11/26/2025	
ROUTE: AC	STATE: MO
DISTRICT: SL	SHEET NO.: 171
COUNTY: ST. LOUIS	
JOB NO.: J6S3569	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

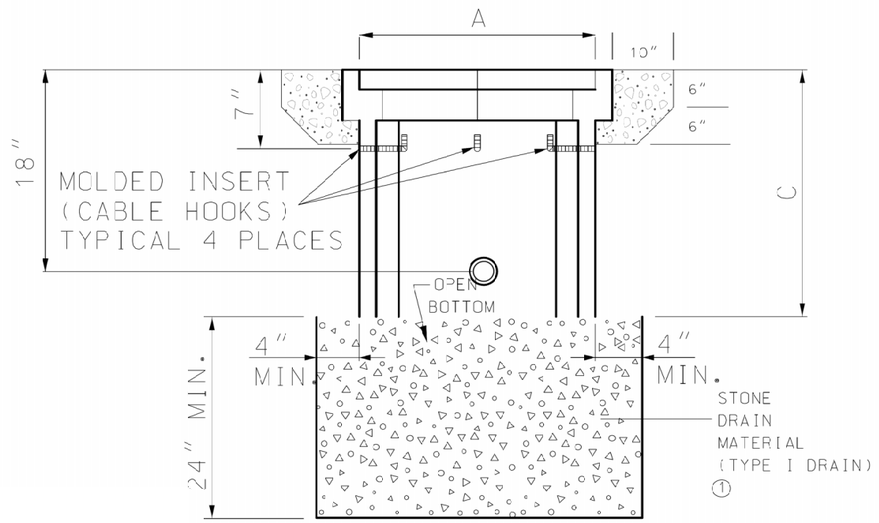
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

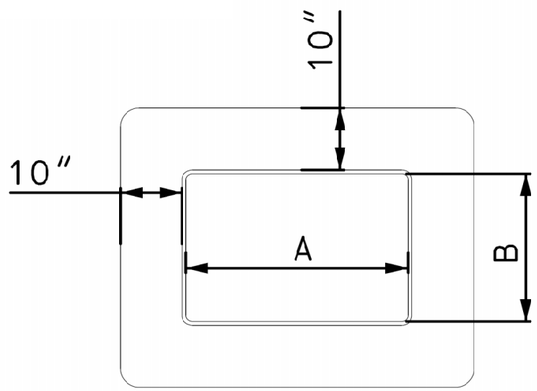
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

ITS PULL BOXES WITH CONCRETE PADS

CLASS 2 ITS PULLBOX WITH CONCRETE PAD



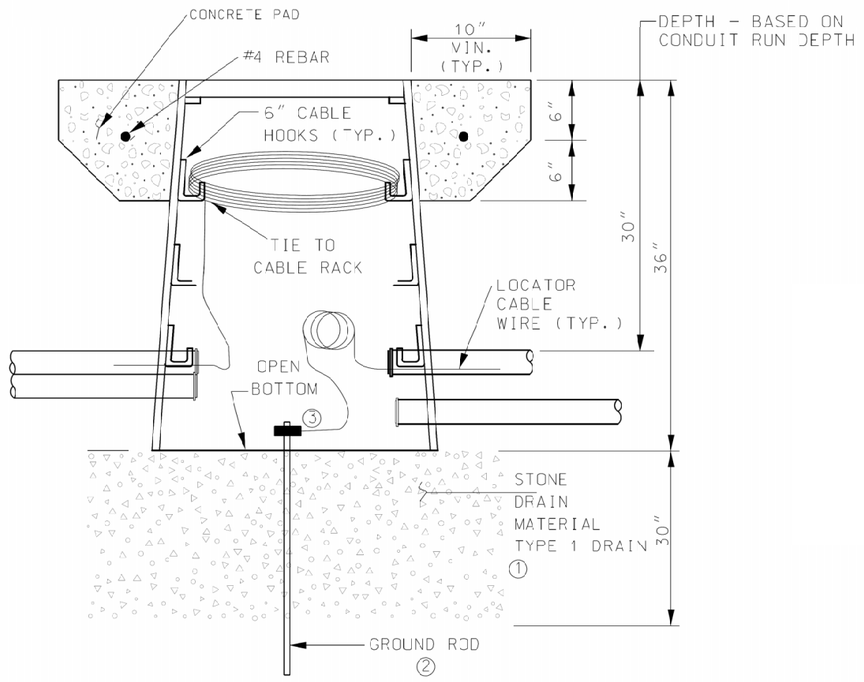
ELEVATION



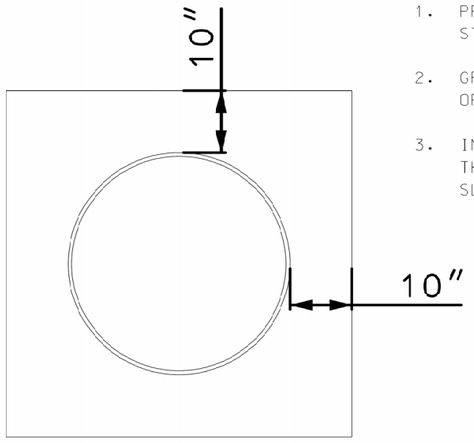
PLAN

FOR PULL BOX DIMENSIONS SEE STANDARD PLAN 902.20

CLASS 5 ITS PULLBOX WITH CONCRETE PAD



ELEVATION



PLAN

1. PROVIDE TYPE II DRAIN AS DIRECTED BY ENGINEER. SEE STANDARD PLAN 902.20 FOR TYPE II DRAIN DETAILS.
2. GROUND ROD ONLY REQUIRED IN PULL BOX NEAREST TO AN ITS OR SIGNAL CABINET.
3. IN THE PULL BOX NEAREST THE ITS OR SIGNAL CABINET, CONNECT THE TRACER WIRE TO A GROUND ROD CLAMP AND PROVIDE 5 FEET OF SLACK.

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

ROUTE AC ITS DETAIL
SHEET 02 OF 02

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 08:07:13-06'00'

DATE PREPARED: 11/26/2025
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 172
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

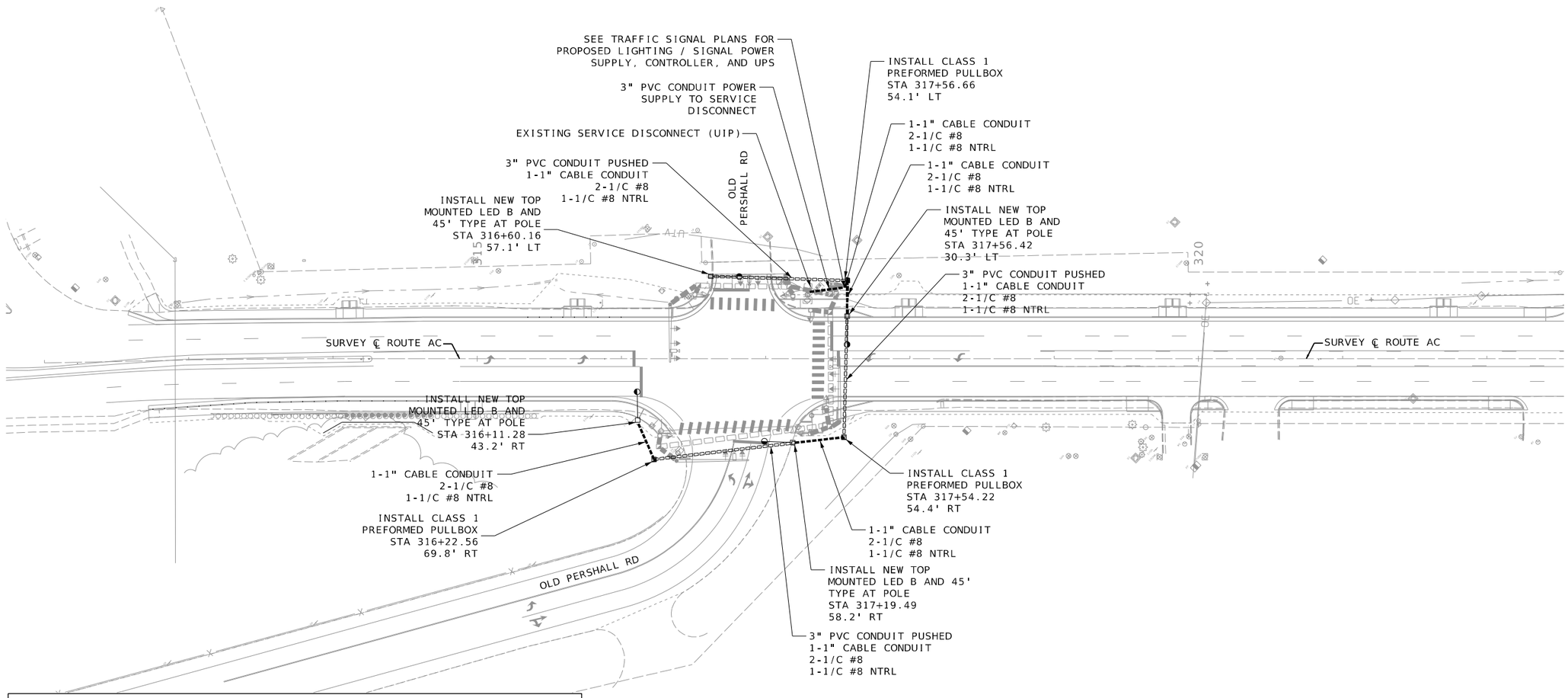
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

NOTE:
1. CONTRACTOR SHALL COORDINATE WITH THE UTILITY AGENCY TO ENERGIZE THE LIGHTING CONTROLLER.

SCALE
0 40 80 120



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	PULL BOX PREFORMED TYPE 1		LED-B LUMINAIRE
	CABLE-CONDUIT		EXISTING LIGHT STANDARD AND LUMINAIRE
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (TRENCHED)

ROUTE AC LIGHTING
PLAN SHEET 01 OF 03

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER
Joshua Hartman

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	173

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

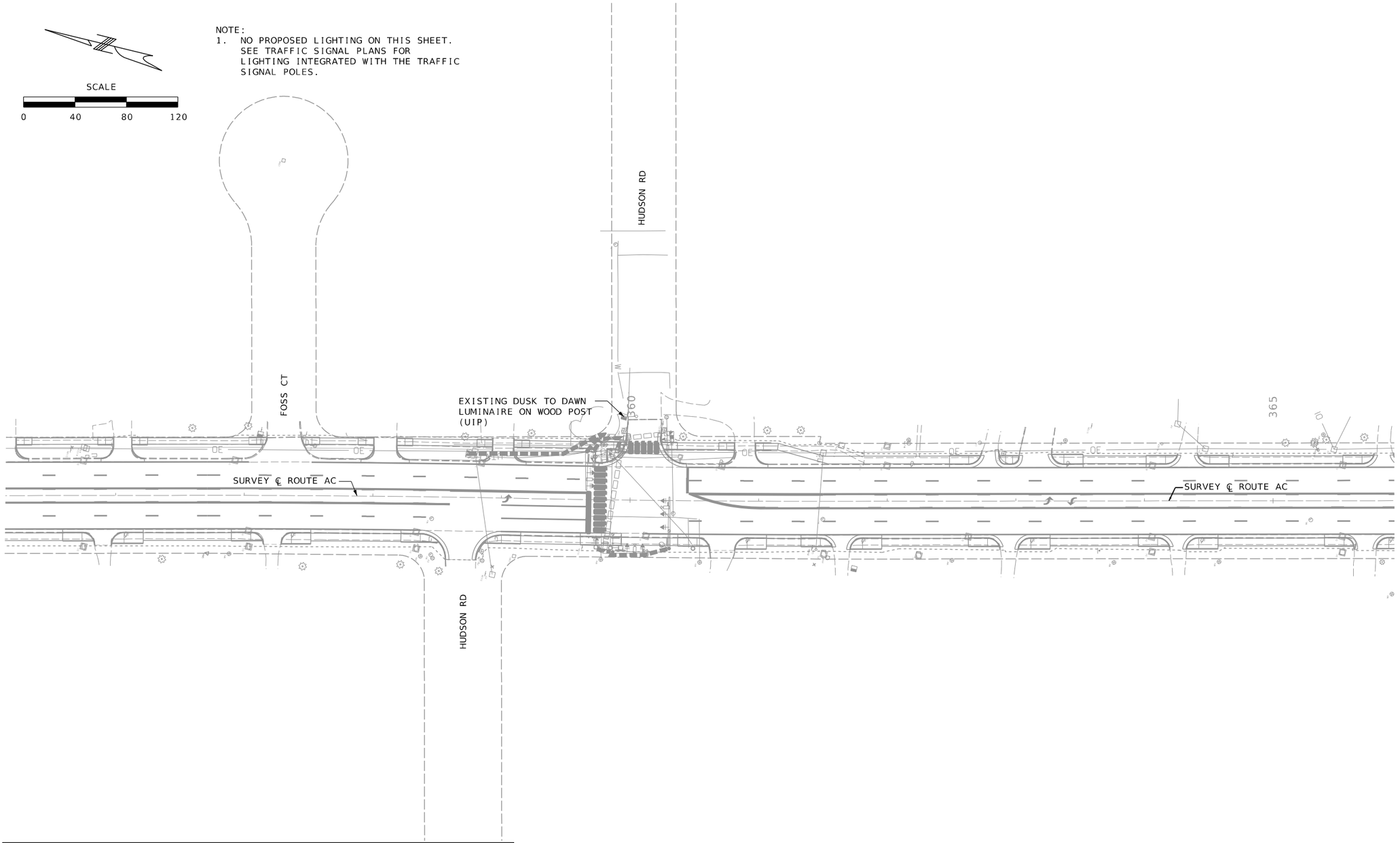
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. NO PROPOSED LIGHTING ON THIS SHEET. SEE TRAFFIC SIGNAL PLANS FOR LIGHTING INTEGRATED WITH THE TRAFFIC SIGNAL POLES.

SCALE
0 40 80 120



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	PULL BOX PREFORMED TYPE 1		LED-B LUMINAIRE
	CABLE-CONDUIT		EXISTING LIGHT STANDARD AND LUMINAIRE
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (TRENCHED)

ROUTE AC LIGHTING
PLAN SHEET 02 OF 03

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER
Joshua Hartman
Digitally signed by Joshua Hartman
DN: cn=Joshua Hartman, o=Burns and McDonnell, ou=Civil, email=jdhartman@burnsmcd.com, c=US
Date: 2025.11.26 15:55:39-06'00'

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	174

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

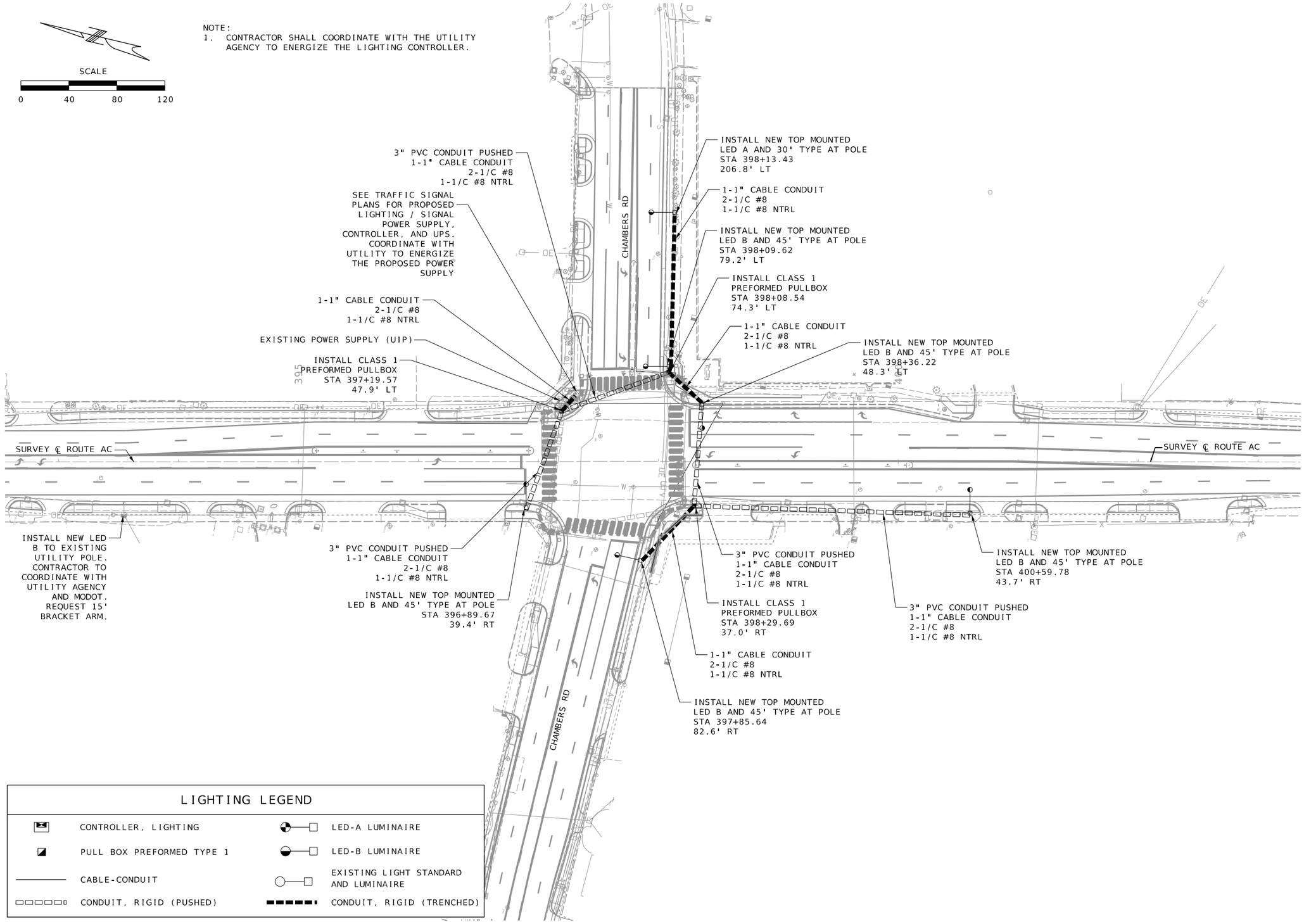
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. CONTRACTOR SHALL COORDINATE WITH THE UTILITY AGENCY TO ENERGIZE THE LIGHTING CONTROLLER.

SCALE
0 40 80 120



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	PULL BOX PREFORMED TYPE 1		LED-B LUMINAIRE
	CABLE-CONDUIT		EXISTING LIGHT STANDARD AND LUMINAIRE
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (TRENCHED)

ROUTE AC LIGHTING
PLAN SHEET 03 OF 03

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER
Joshua Hartman

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	175

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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QUANTITIES TABLE		
ITEM	UNIT	QUANTITY
CONDUIT, 3 IN. RIGID, IN TRENCH	LF	44
CONDUIT, 3 IN. RIGID, PUSHED	LF	988
CONDUIT, 2 IN., RIGID, EXTERNAL ON STRUCTURE	LF	496
TRENCHING TYPE I	LF	49
PULL BOX, PREFORMED CLASS 1	EA	8
CABLE, 6 AWG 1 CONDUCTOR	LF	450
CABLE, 8 AWG 1 CONDUCTOR	LF	2480
CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	1000
WIRE, 8 AWG, BARE NEUTRAL	LF	2780
CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	1450
POLE FOUNDATION (30 FT. OR 9.0 M MOUNTING HEIGHT)	EA	1
POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT)	EA	10
GROUND ROD W/ EXOTHERMIC WELDS	EA	2
45 FT. TOP MOUNT LIGHT POLE	EA	9
30 FT. TOP MOUNT LIGHT POLE	EA	1
170W TOP MOUNTED LED-B LUMINAIRE	EA	9
170W TOP MOUNTED LED-A LUMINAIRE	EA	1
WALL PACK LIGHTING	EA	8
NEMA 4X 8" x 8" x 6" JUNCTION BOX	EA	8

ROUTE AC LIGHTING
QUANTITIES SHEET 01 OF 01

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER

Joshua Hartman

DATE PREPARED
11/26/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	176

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

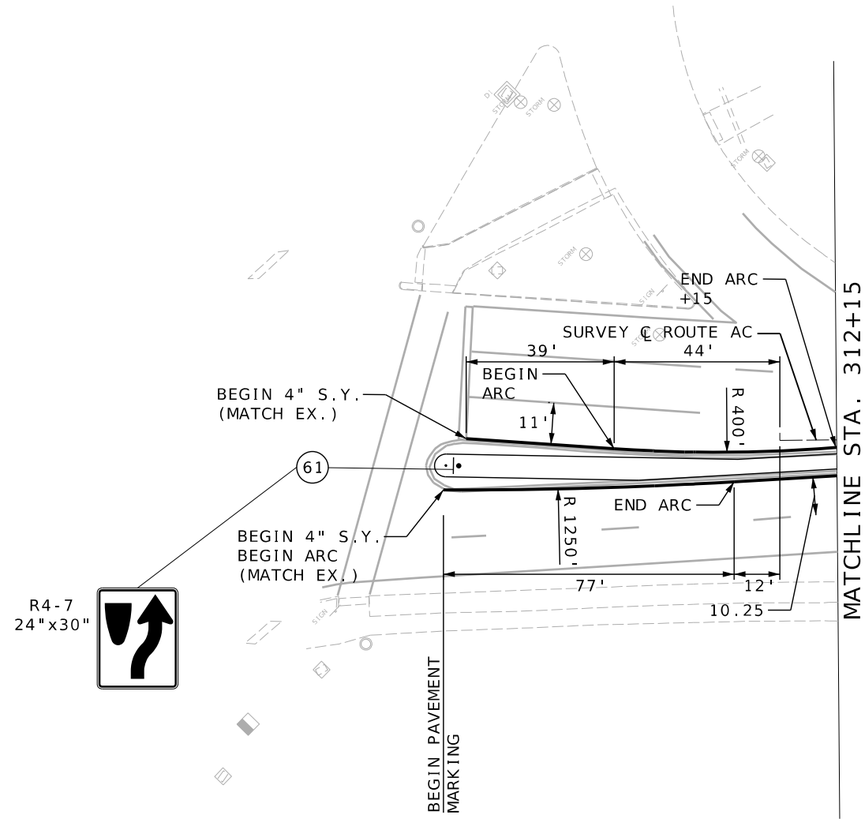
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE

0 20 40 60



NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	— —	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	———	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	— —	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	———	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 01 OF 34

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:31-06'00'

DATE PREPARED 11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	177

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

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SCALE
0 20 40 60

(R) TO TO (R)
(R) WEST EAST (R)
(R) INTERSTATE 270 INTERSTATE 270 (R)
(R) (R)

M4-5 24"x12" (FB) a) TO e) TO M4-5 24"x12" (FB)
M3-4 24"x12" (FB) b) WEST f) EAST M3-2 24"x12" (FB)
M1-1 24"x24" (FB) c) INTERSTATE 270 g) INTERSTATE 270 M1-1 24"x24" (FB)
M6-3 21"x15" (FB) d) h) M6-2 21"x15" (FB)

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
AVAILABLE 888-ASK-MODOT
(UIP)

R4-7 24"x30"

14'- 3" (R)
14'- 3" W12-2 36"x36" (FY)

(R) SHARE THE ROAD
a) W11-1 36"x36" (FY)
b) IN ROAD W16-1P 24"x18" (FY)

312+62 313+95 314+20 314+69 315+86

EXIST. R/W
S.L.

BEGIN 6" S.W.
BEGIN 6" I.W.
+59
(MATCH EX.)

MATCHLINE STA. 312+15

BEGIN ARC +67
BEGIN ARC +39
END ARC +23
R 750'
R 1260'
R 1270'
R 1250'
7.7'
4" S.Y.
10.5'
10.5'
10.10'
10.25'
10.25'
END 4" S.Y. +28
6" I.W.
END 4" S.Y.
BEGIN 4" D.S.Y. +28
SURVEY ℄ ROUTE AC
LT ARROW +05
6" S.W.
6" I.W.
4" D.S.Y.
6" S.W.
LT ARROW +70
6" S.W.

END 4" D.S.Y. 24" WSB +08
END 6" S.W. 24" WSB +13
BEGIN 4" D.S.Y.
BEGIN 6" I.W.
24" WSB +51
BEGIN 6" S.W. +42
END 6" S.W. +32
R 40.5'
8'
BEGIN 6" S.W. +09
R 40'
END 6" S.W. +42
BEGIN 6" S.W. +55 (OP RD)
+06 (OP RD)
BEGIN 6" S.W.
BEGIN 4" D.S.Y.
24" WSB
+89 (OP RD)
+12 (OP RD)
R 166'
R 189.5'
+12 (OP RD)
6
317+60

BEGIN 6" S.W.
BEGIN 4" D.S.Y.
(MATCH EX.)
END 4" D.S.Y. +88
END 6" S.W. (MATCH EX.)
END 6" S.W. +77
24" WSB +64
BEGIN 6" S.W.
24" WSB +47
R 32.5'
8'
R 32.5'

END ARC +09
END ARC +06
END ARC +04
BEGIN 6" I.W.
BEGIN ARC +43
(MATCH EX.)
BEGIN 6" S.W.
BEGIN ARC +42
(MATCH EX.)
BEGIN 6" S.W.
END 6" I.W. +88
314+07
S.L.

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
IN LOVING MEMORY OF JEFFREY "KEITH" HAYES
(UIP)

(R) BIKE ROUTE
(R)
315+79 316+07
PERSHALL ROAD WEST
(R)

END 6" S.W. +42
BEGIN 6" S.W. +55 (OP RD)
+06 (OP RD)
BEGIN 6" S.W.
BEGIN 4" D.S.Y.
24" WSB
+89 (OP RD)
LT ARROW +17 (OP RD)
THRU/RIGHT ARROW +17 (OP RD)
+20 (OP RD)
+22 (OP RD)
R 75'
R 111'
R 134.5'
12.0'
12.0'
12.0'
SURVEY ℄ OLD PERSHALL RD
4" D.S.Y.
6" S.W.
+23 (OP RD)
MATCHLINE STA. 3+50

(R) SHARE THE ROAD
a) W11-1 36"x36" (FY)
b) IN ROAD W16-1P 24"x18" (FY)

EXIST. R/W
℄
ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 02 OF 34

MATCHLINE STA. 317+65

NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG OLD PERSHALL ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "OP RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:31-06'00'

DATE PREPARED 11/30/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 178
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

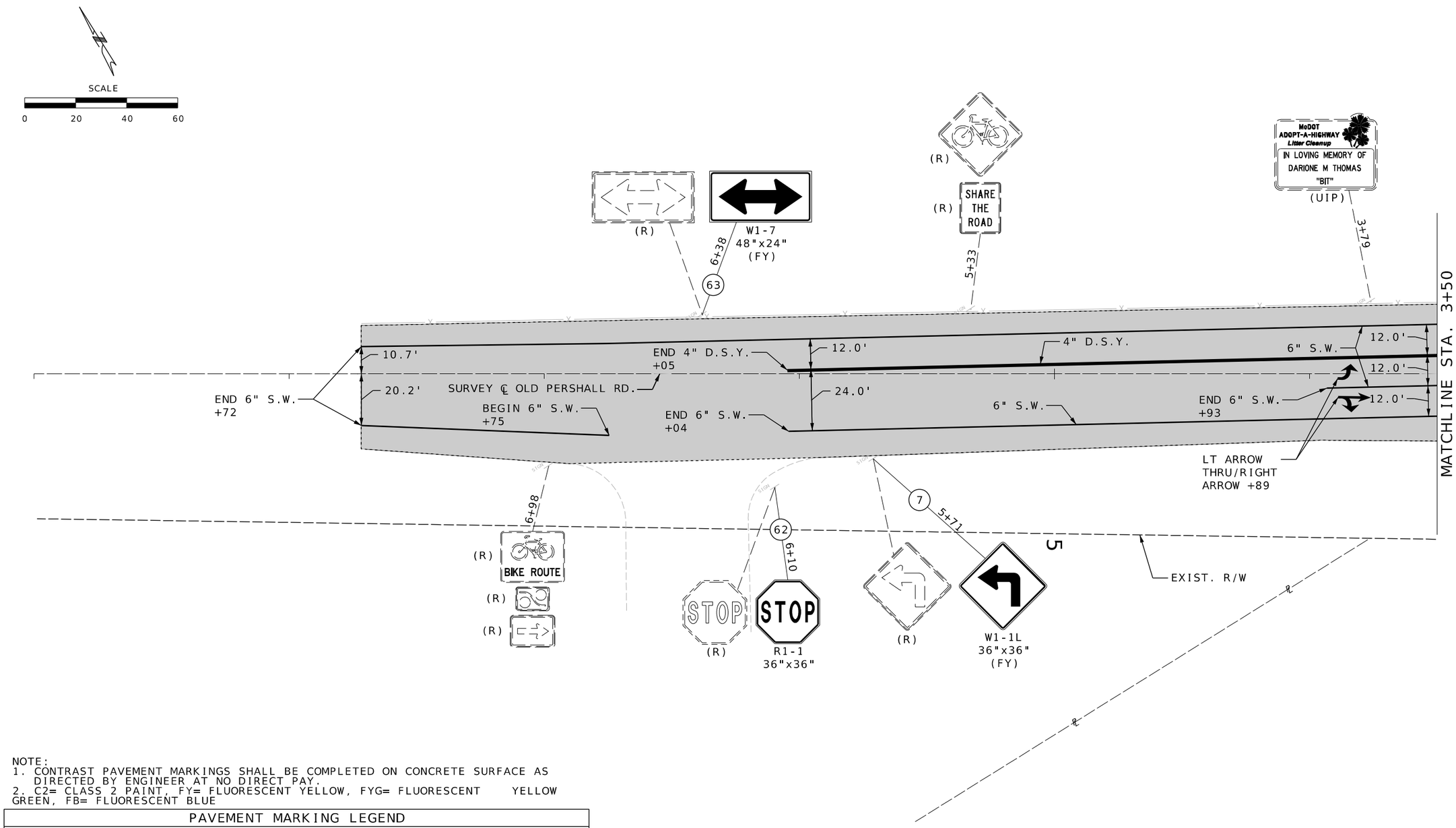
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

REV.

c:\bmcd_lib\pw_connect\trn\d0171814\180_PM_J6S3569_I20_02.dgn 8:29:22 AM 11/30/2025



NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

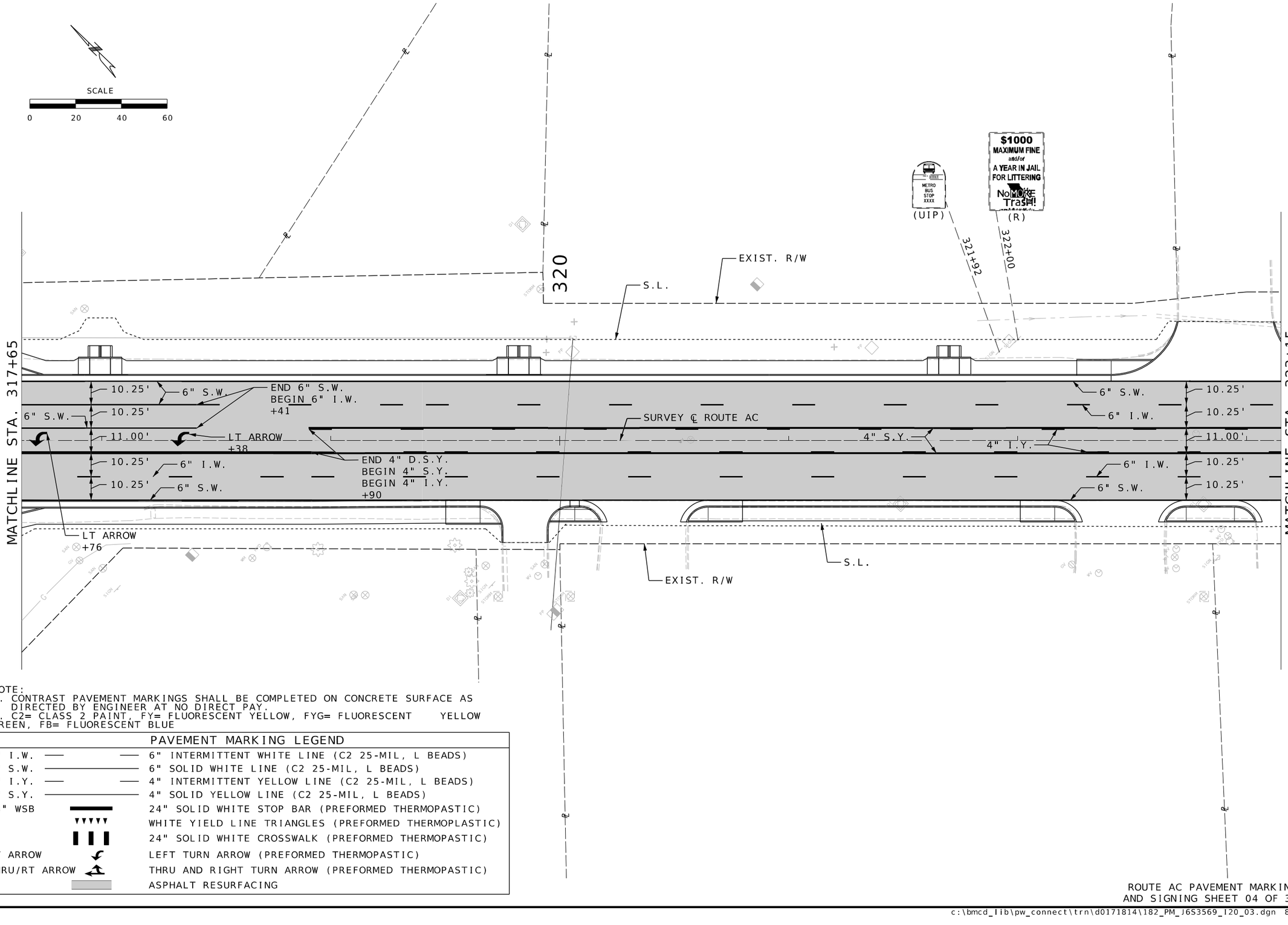
ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 03 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:31-06'00'

DATE PREPARED 11/30/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 179
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015



NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 04 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	180

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

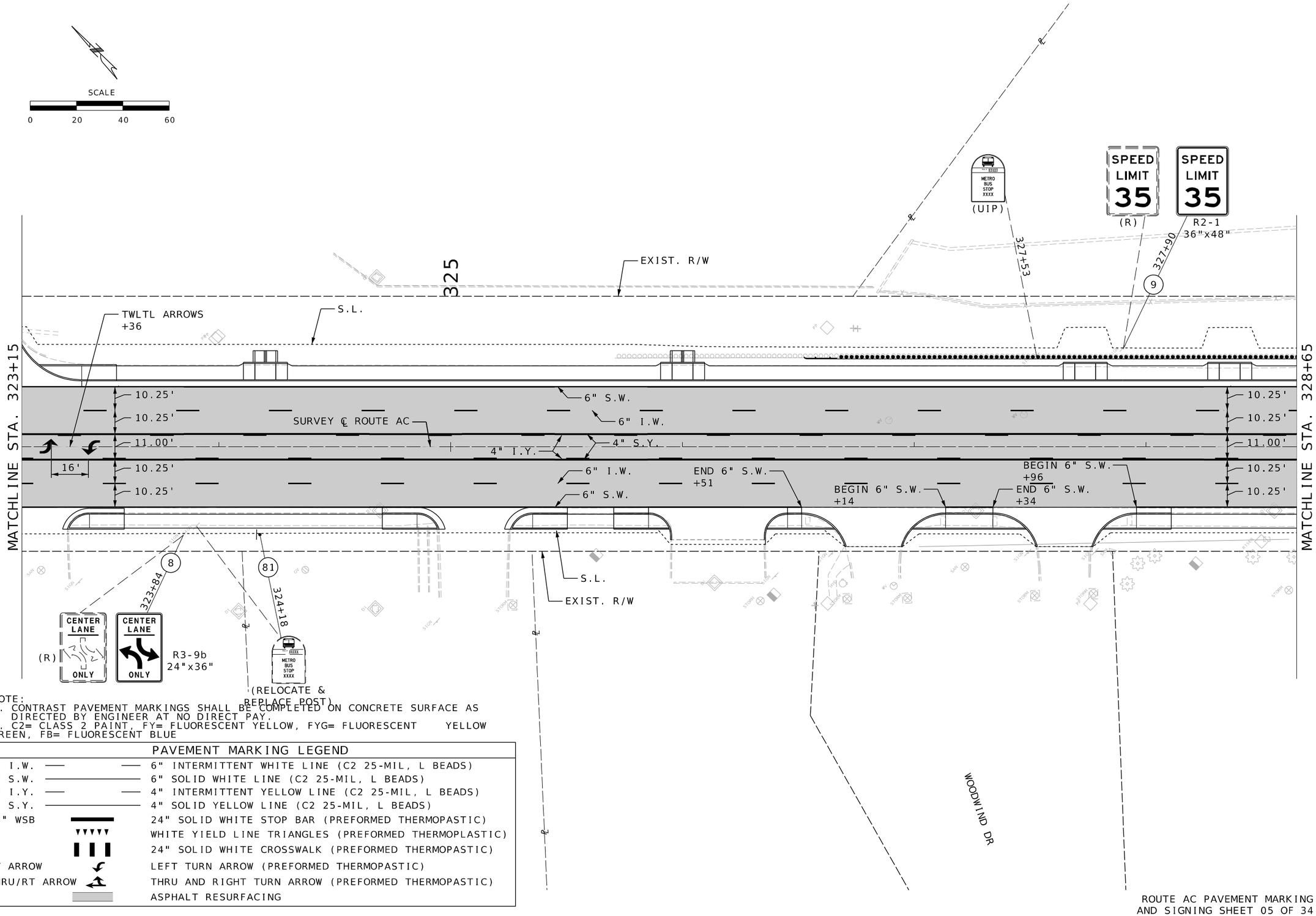
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\182_PM_J6S3569_I20_03.dgn 8:30:13 AM 11/30/2025

SCALE
0 20 40 60



NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 05 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	181

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

R7-1L
(R) 18"x24"
NO PARKING ANY TIME
NO PARKING ANY TIME

TCE
328+71
10
330
EXIST. R/W
S.L.

MATCHLINE STA. 328+65

10.25'
10.25'
11.00'
10.25'
10.25'
TWLTL ARROWS
+36
16'
SURVEY ℄ ROUTE AC
6" S.W.
6" I.W.
4" I.Y.
4" S.Y.
6" I.W.
6" S.W.
10.25'
10.25'
11.00'
10.25'
10.25'

MATCHLINE STA. 334+15

TCE
11
331+45
EXIST. R/W
S.L.
TCE
TCE

SPEED LIMIT 35 (R)
SPEED LIMIT 35
R2-1
36"x48"

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 06 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	182

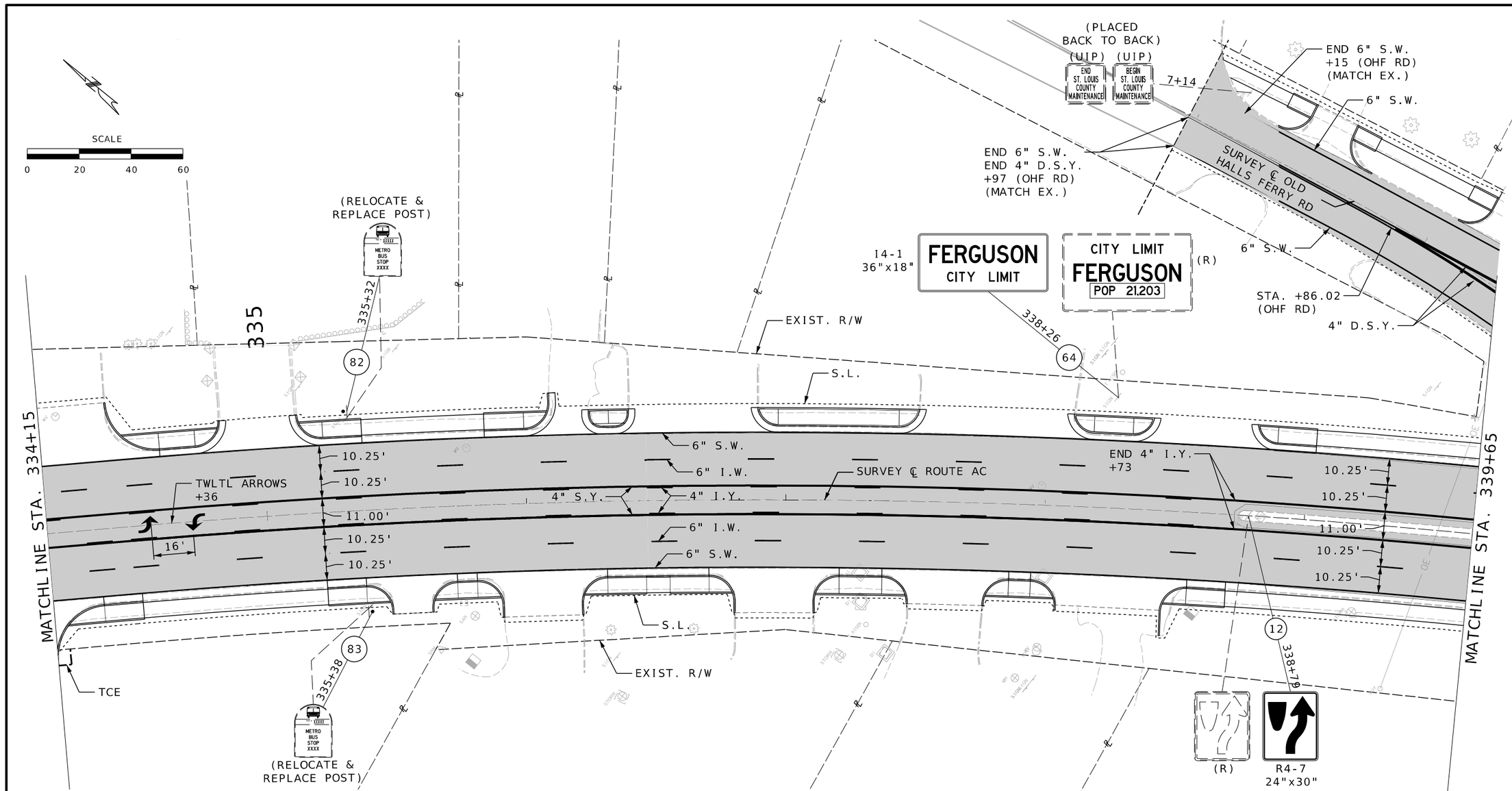
COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE
REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG OLD HALLS FERRY ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "OHF RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	▬▬▬	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	▼▼▼▼▼	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	▌▌▌	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 07 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	183

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

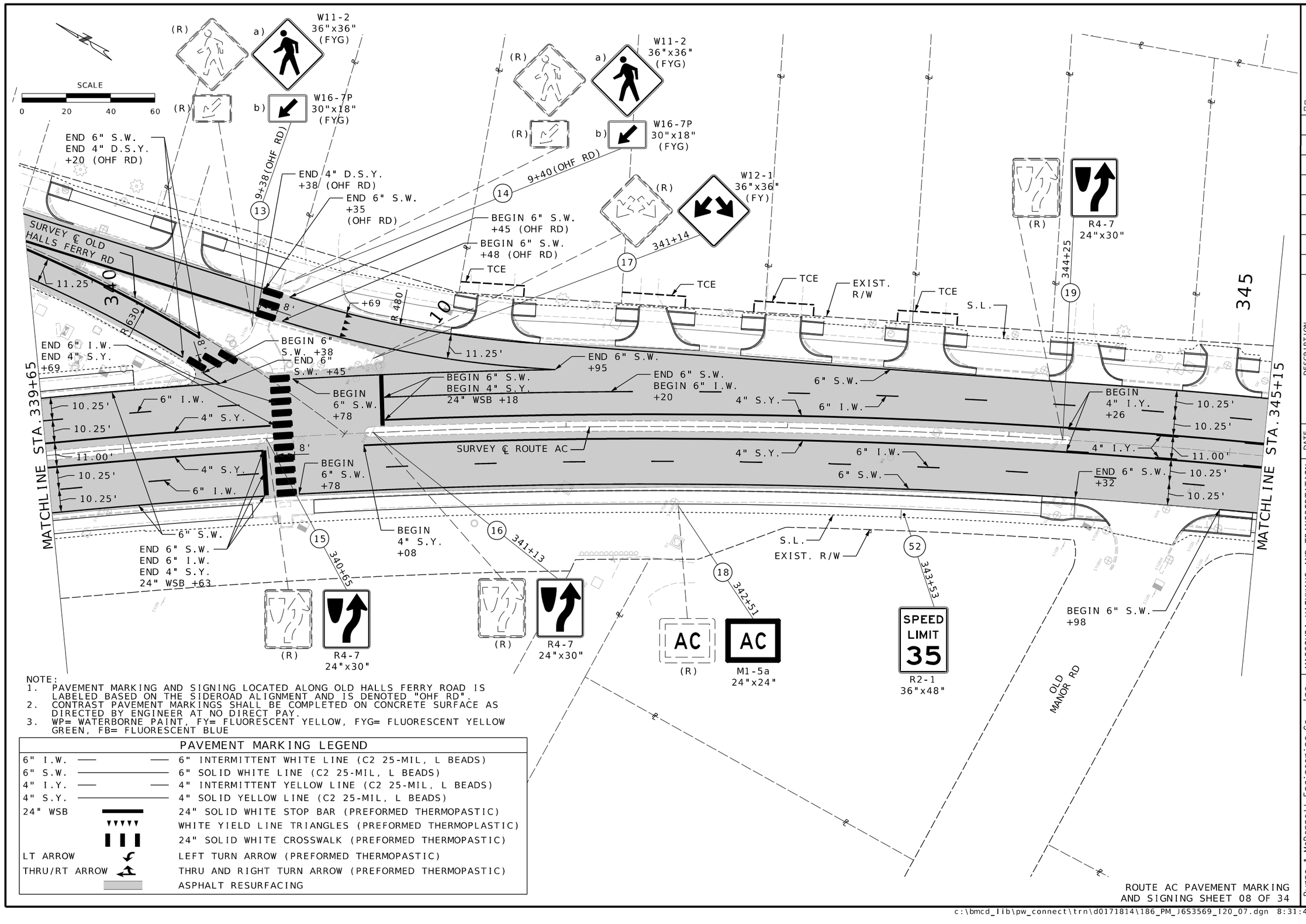
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG OLD HALLS FERRY ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "OHF RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
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24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
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LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 08 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	184

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

SCALE
0 20 40 60

(UIP)
METRO BUS STOP XXXX
347+13
VORHOF DR
EXIST. R/W
S.L.
TCE
SPEED LIMIT 35 (R)
SPEED LIMIT 35
349+71
R2-1 36"x48"
NO PARKING ANY TIME (R)
NO PARKING ANY TIME
R7-1D 18"x24"
349+10
21
20
350

MATCHLINE STA. 345+15

TWLTL ARROWS +78
6" S.W.
6" I.W.
END 6" S.W. +20
BEGIN 6" S.W. +89
4" S.Y.
4" I.Y.
16'
10.25'
10.25'
11.00'
10.25'
10.25'
SURVEY ℄ ROUTE AC
6" I.W.
6" S.W.
END 6" S.W. +13
BEGIN 6" S.W. +72
10.25'
10.25'
11.00'
10.25'
10.25'

MATCHLINE STA. 350+65

346+50
(UIP)
METRO BUS STOP XXXX
GREEN SLOPE DR
65
348+62
GREEN SLOPE DR (RELOCATE & REPLACE POST)
S.L.
EXIST. R/W

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
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	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 09 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE: 2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:39-06'00'

DATE PREPARED 1/9/2026
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 185
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\186_PM_J6S3569_I20_08.dgn 1:27:12 PM 1/9/2026

SCALE
0 20 40 60

REPLACE POST
a) ← NO OUTLET (UIP)
b) KIPP CT (UIP)
(90° ON POST)
c) HALLS FERRY DR (UIP)
d) END ST. LOUIS COUNTY MAINTENANCE (UIP)
e) BEGIN ST. LOUIS COUNTY MAINTENANCE (UIP)
(PLACED BACK TO BACK)

KIPP CT

(R) NO PARKING ANY TIME NO PARKING ANY TIME R7-1D 18"x24"
22 351+03
66 351+66

(R) NO PARKING ANY TIME NO PARKING ANY TIME R7-1D 18"x24"
24 352+73

IBIS CT

END 6" S.W. +08
EXIST. R/W
S.L.

355

BEGIN 6" S.W. +62
TCE
(UIP) METRO BUS STOP XXXX
355+65

MATCHLINE STA. 350+65

10.25'
10.25'
11.00'
10.25'
10.25'

END 6" S.W. +15
BEGIN 6" S.W. +78
TWLTL ARROWS +23
16'
6" S.W.
6" I.W.
4" I.Y.
4" S.Y.
6" I.W.
6" S.W.
SURVEY ℄ ROUTE AC

MATCHLINE STA. 356+15

10.25'
10.25'
11.00'
10.25'
10.25'

23 351+05
(R)
a) S1-1 36"x36" (FY)
b) AHEAD W16-9P 30"x18" (FY)

84 354+26
METRO BUS STOP XXXX
(RELOCATE & REPLACE POST)

S.L.
EXIST. R/W

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND

6" I.W.	— —	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	———	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	— —	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
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		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
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LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 10 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:39-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	186

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

c:\bmcd_lib\pw_connect\trn\d0171814\187_PM_J6S3569_I20_09.dgn 1:27:26 PM 1/9/2026

SCALE
0 20 40 60

REPLACE POST
a) ← NO OUTLET (UIP)
b) FOSS CT (UIP)
(90° ON POST)
c) HALLS FERRY DR (UIP)
d) END ST. LOUIS COUNTY MAINTENANCE (UIP)
e) BEGIN ST. LOUIS COUNTY MAINTENANCE (UIP)
(PLACED BACK TO BACK)

FOSS CT
SURVEY ℄ HUDSON DR
HUDSON DR
67 357+48
S.L.
TCE
TCE
END 6" S.W.
END 6" I.W.
+73
EXIST. R/W
EXIST. R/W
360
MATCHLINE STA. 356+15
MATCHLINE STA. 361+65
10.25'
10.25'
11.00'
10.25'
10.25'
6" S.W.
END 6" S.W. +04
BEGIN 6" S.W. +52
SURVEY ℄ ROUTE AC
4" I.Y.
4" S.Y.
6" I.W.
6" S.W.
6" S.W.
6" I.W.
END 6" S.W.
END 4" D.S.Y.
24" WSB +68
4" D.S.Y. 0
LT ARROW +01
BEGIN 6" S.W. +00
6" S.W.
8'
BEGIN 6" S.W.
BEGIN 6" I.Y.
BEGIN 4" D.S.Y.
24" WSB +46
6" S.W.
6" I.W.
4" D.S.Y.
4" S.Y.
4" I.Y.
10.25'
10.25'
11.00'
10.25'
10.25'
BEGIN 6" I.W. +46
6" I.W.
S.L.
EXIST. R/W
END 6" S.W. +37
END 6" I.W.
END 4" S.Y.
END 4" I.Y.
BEGIN 4" D.S.Y. +65
END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y. +05
END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y. +50
BEGIN 6" S.W. +10
26 358+87
25 359+63
361+42
a) HUDSON DR (UIP)
NO OUTLET (R)
b) NO OUTLET W14-2 36"x36" (FY)
(R)
S1-1 36"x36" (FY)
METRO BUS STOP XXXX (UIP)

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 11 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:39-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	187

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No.: 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

(RELOCATE)
METRO BUS STOP XXXX
361+82
MATCHLINE STA. 361+65

EXIST. R/W
S.L.
MoDOT ADOPT-A-HIGHWAY Litter Cleanup
IN LOVING MEMORY OF KEVIN NATHANIEL JOHNSON
(UIP)
364+69
365
SPEED LIMIT 35 (R)
366+02
27
SPEED LIMIT 35
R2-1 36"x48"
MATCHLINE STA. 367+15

10.25'
10.25'
11.00'
10.25'
10.25'
TWLTL ARROWS +35
16'
SURVEY ℄ ROUTE AC
6" S.W.
6" I.W.
4" I.Y.
4" S.Y.
6" I.W.
6" S.W.
10.25'
10.25'
11.00'
10.25'
10.25'

28
363+65
SPEED LIMIT 35
R2-1 36"x48"
EXIST. R/W
S.L.
366+19
MoDOT ADOPT-A-HIGHWAY Litter Cleanup
IN LOVING MEMORY OF MYKAL BARNETT TAYLOR
(UIP)

NOTE:
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2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 12 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:32-06'00'

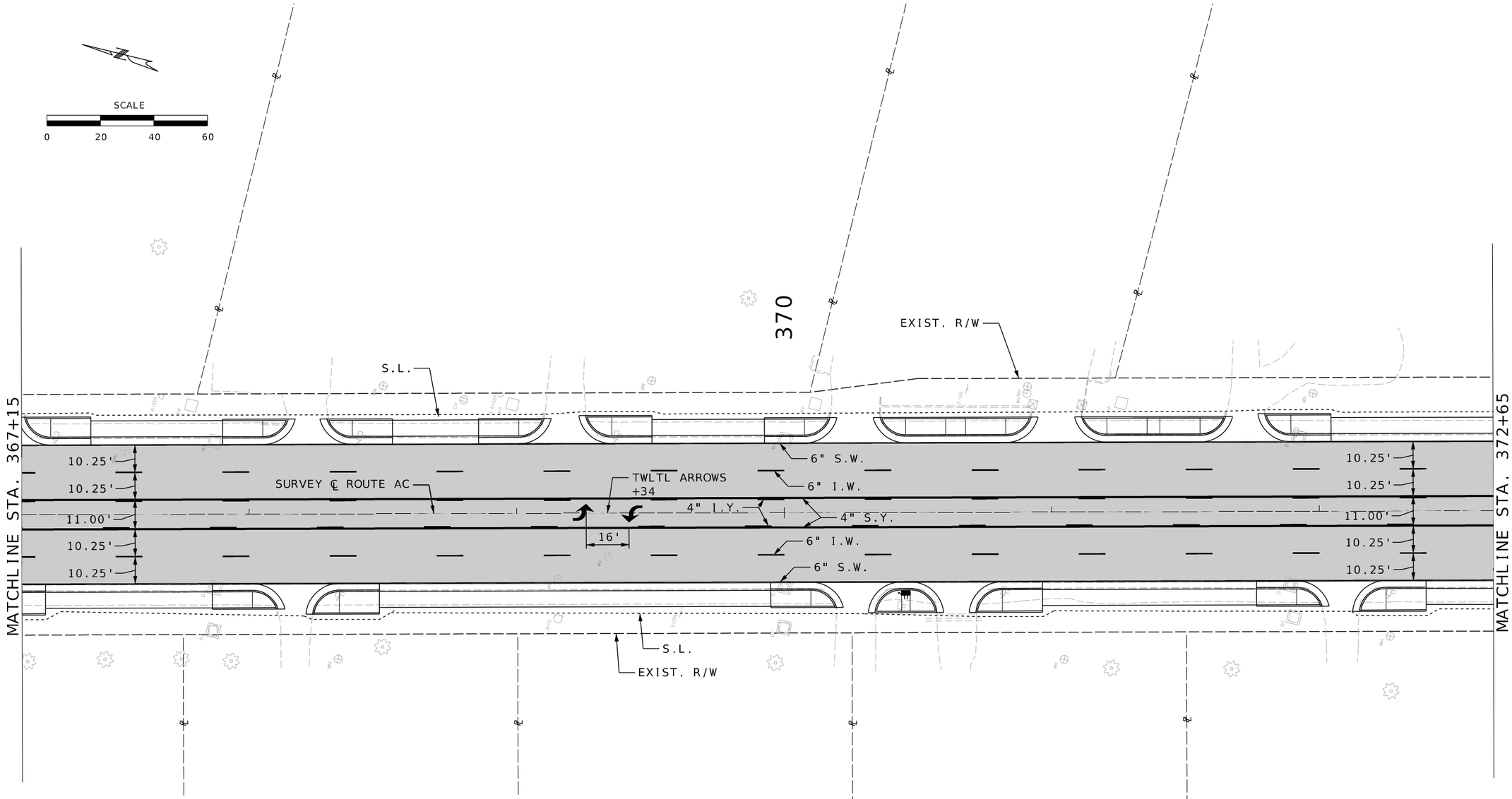
DATE PREPARED 11/30/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 188
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 13 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	189

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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425 South Woods Mill Road
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314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 372+65

375

S.L.
EXIST. R/W

(RELOCATE & REPLACE POST)
METRO BUS STOP XXXX
376+47
85

(R)
CENTER LANE ONLY
R3-9b 24"x36"
CENTER LANE ONLY
377+67
29
TCE

10.25'
10.25'
11.00'
10.25'
10.25'

SURVEY ℄ ROUTE AC
TWLTL ARROWS +20
16'
4" I.Y.
4" S.Y.
6" S.W.
6" I.W.
6" I.W.
6" S.W.

BEGIN 6" S.W. +63
END 6" S.W. +06

10.25'
10.25'
11.00'
10.25'
10.25'

MATCHLINE STA. 378+15

86
376+77
METRO BUS STOP XXXX
(RELOCATE & REPLACE POST)

EXIST. R/W
S.L.

CAPITOL DR

NOTE:
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2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	▬	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	▼▼▼▼▼	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	▌▌▌	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 14 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	190

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

380

TCE
EXIST. R/W
TCE
S.L.

MATCHLINE STA. 378+15

10.25'
10.25'
11.00'
10.25'
10.25'

6" S.W.
6" I.W.
4" I.Y.
4" S.Y.
6" I.W.
6" S.W.

TWLTL ARROWS
+19
16'

SURVEY ℄ ROUTE AC

10.25'
10.25'
11.00'
10.25'
10.25'

MATCHLINE STA. 383+65

30 378+48

(R) a) W11-1 36"x36" (FY)

(R) SHARE THE ROAD b) IN ROAD W16-1P 24"x18" (FY)

EXIST. R/W

S.L.

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 15 OF 34

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

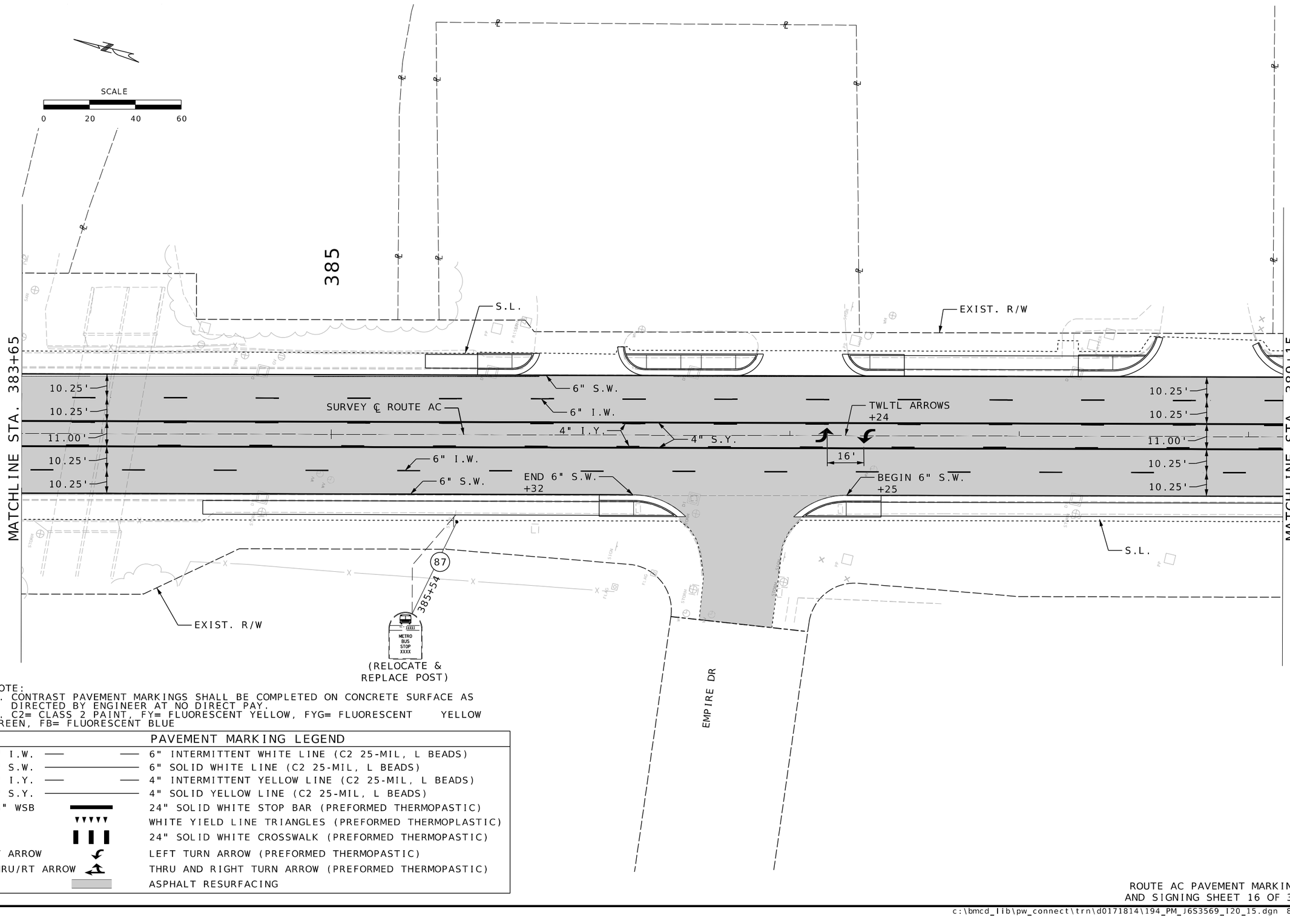
DATE PREPARED 11/30/2025
ROUTE AC | STATE MO
DISTRICT SL | SHEET NO. 191
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No.: 000165
BMcD Project No. 170015

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NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING
AND SIGNING SHEET 16 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	192

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

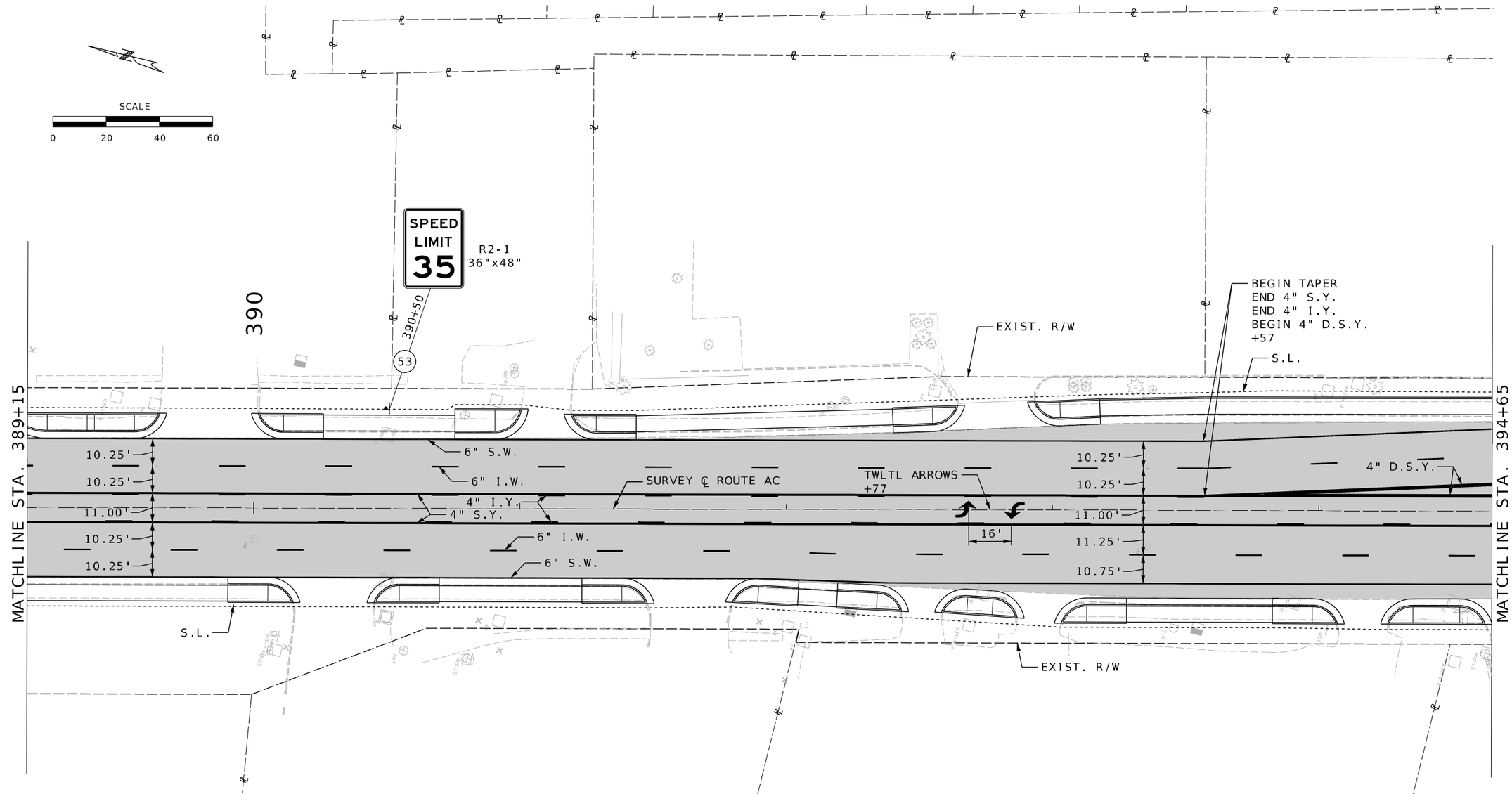
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
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314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 17 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	193

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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MATCHLINE STA. 8+00

MATCHLINE STA. 394+65

MATCHLINE STA. 400+15

MATCHLINE STA. 11+50

SURVEY ℄ CHAMBERS RD

SURVEY ℄ ROUTE AC

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 18 OF 34

NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG CHAMBERS ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "CH RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND

6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	▬▬	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	▼▼▼▼▼	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	▮▮▮	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
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Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:40-06'00'

DATE PREPARED 1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	194

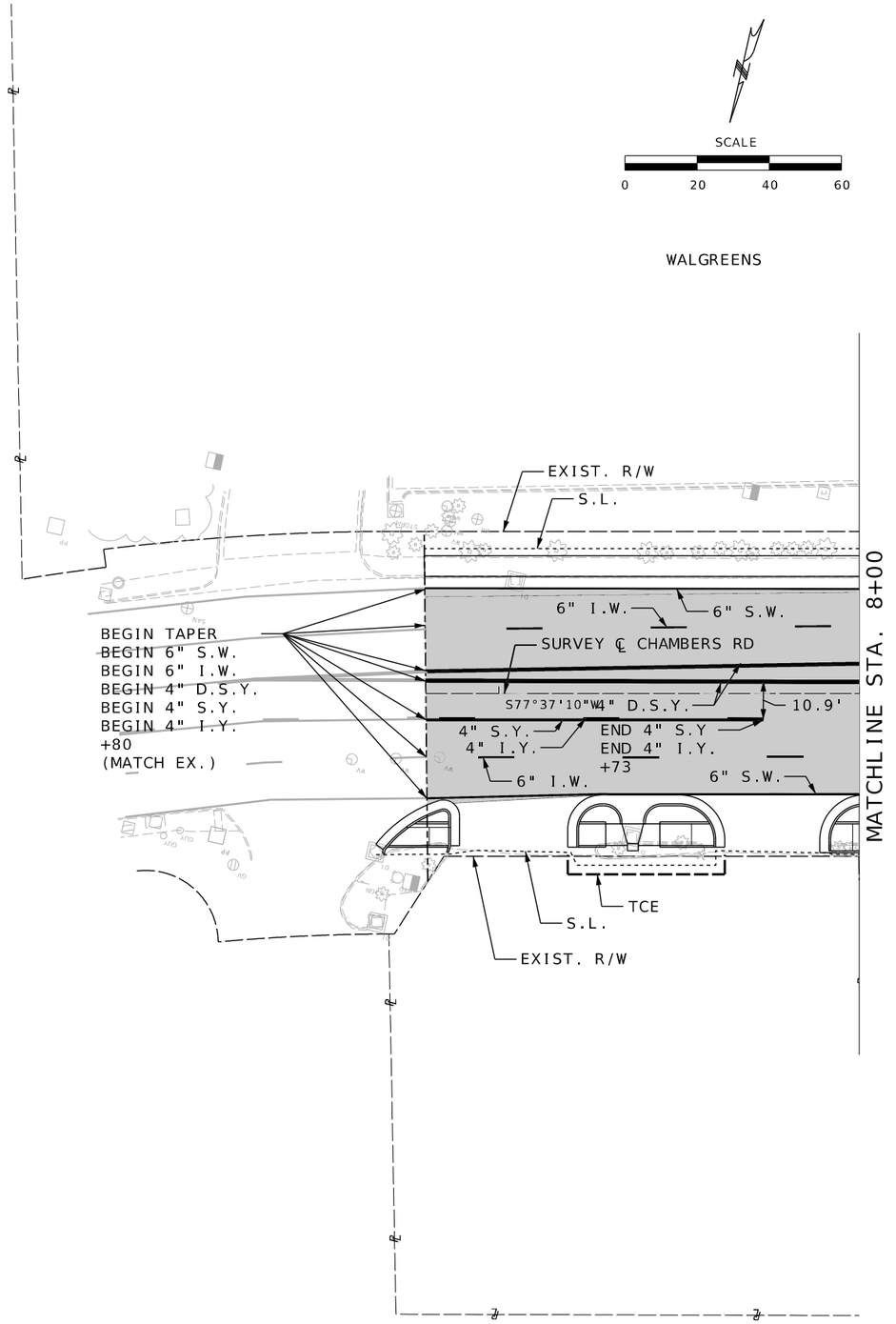
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

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NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING
AND SIGNING SHEET 19 OF 34

ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	195

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 11+50

TCE
END 6" S.W.
BEGIN 6" I.W.
+74
EXIST. R/W
S.L.
BEGIN TAPER
+04
TCE
15
END 6" S.W.
+66
(MATCH EX.)
6" S.W.
6" S.W.
6" I.W.
12.0'
END TAPER
BEGIN TAPER
+47
10.5'
BEGIN 4" S.Y.
BEGIN 4" I.Y.
END 4" D.S.Y.
+47
11.0'
4" I.Y.
4" S.Y.
SURVEY ℄ CHAMBERS RD
LT ARROW
+68
6" I.W.
11.0'
BEGIN TAPER
+47
END TAPER
END 6" I.W.
END 4" S.Y.
END 4" I.Y.
+98
(MATCH EX.)
4" D.S.Y.
6" S.W.
11.0'
BEGIN TAPER
+38
9.8'
END TAPER
BEGIN TAPER
+68
90
13+86
54
14+00
TCE
S.L.
EXIST. R/W
METRO BUS STOP XXXX
(RELOCATE & REPLACE POST)
SPEED LIMIT 35
(R)
SPEED LIMIT 35
R2-1
36"x48"
a)
END ST. LOUIS COUNTY MAINTENANCE
BEGIN ST. LOUIS COUNTY MAINTENANCE
b)
c)
(UIP) (UIP)
(PLACED BACK TO BACK)

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 20 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:40-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	196

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 400+15

MATCHLINE STA. 405+65

TCE

EXIST. R/W

S.L.

(UIP) METRO BUS STOP XXXX

403+63

405

END TAPER +49

BEGIN TAPER +96

11.0'
10.5'
11.25'
7.00'
11.25'
11.25'

6" I.W.
6" S.W.
4" S.Y.
4" I.Y.
4" D.S.Y.
6" I.W.
6" S.W.

END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y.
+89

END TAPER +00

TWLTL ARROWS +64

SURVEY ℄ ROUTE AC

16'

END 6" S.W. +29

BEGIN 6" S.W. +83

10.25'
10.25'
11.00'
10.25'
10.25'

401+19

MoDOT ADOPT-A-HIGHWAY Litter Cleanup AVAILABLE 888-ASK-MODOT

(UIP)

EXIST. R/W

S.L.

404+35

55

a) HALLS FERRY RD (UIP) 90° ON POST

b) HECHT AVE (UIP) REPLACE POST

HECHT AVE

NOTE:
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2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 21 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	197

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 405+65

MATCHLINE STA. 411+15

℄ 410

S.L.

EXIST. R/W

10.25'
10.25'
11.00'
10.25'
10.25'

6" S.W.
6" I.W.
SURVEY ℄ ROUTE AC
4" S.Y. 4" I.Y.
6" I.W.
6" S.W.

S13°17'50"E

END 6" S.W. +37

BEGIN 6" S.W. +02

TWLTL ARROWS +31

16'

91 406+14
(RELOCATE & REPLACE POST)

38 407+50
CENTER LANE (R) ONLY
CENTER LANE ONLY
R3-9b 24"x36"

56 408+49
HALLS FERRY RD (UIP) 90° ON POST
b) KAPPEL AVE (UIP) REPLACE POST

KAPPEL DR

39 408+87
STOP (R)
STOP R1-1 36"x36"

41 410+47
SPEED LIMIT 35
R2-1 36"x48"

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 22 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:33-06'00'

DATE PREPARED 11/30/2025

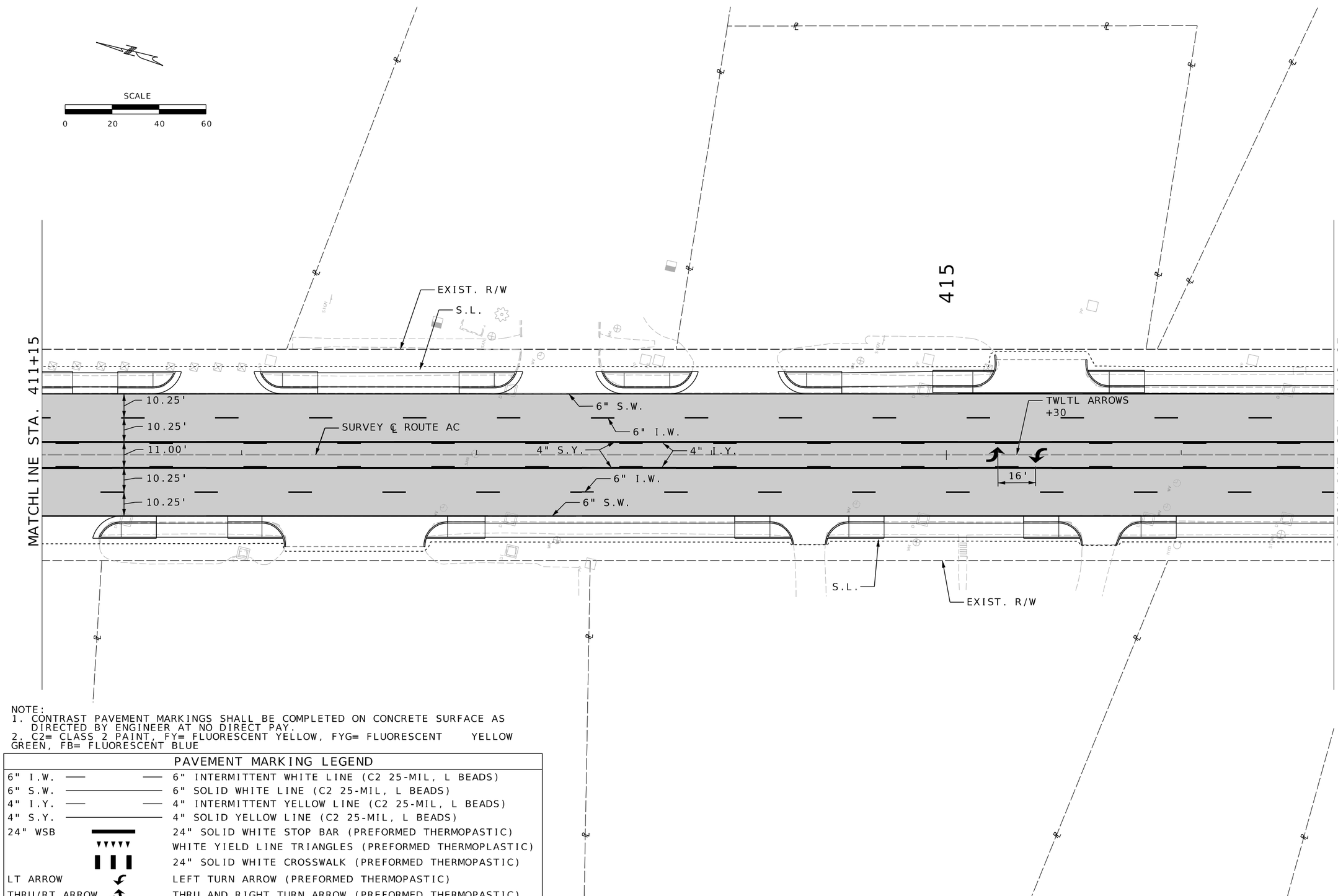
ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	198

COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015



NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND	
6" I.W.	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 23 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	199

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 416+65

MATCHLINE STA. 421+50

EXIST. R/W
S.L.
TCE
420
(UIP)
METRO BUS STOP XXXX
421+43
420+94
(UIP)
MoDOT ADOPT-A-HIGHWAY Litter Cleanup
AVAILABLE 888-ASK-MODOT

10.25'
10.25'
11.00'
10.25'
10.25'
SURVEY ℄ ROUTE AC
6" S.W.
6" I.W.
4" S.Y.
4" I.Y.
6" I.W.
6" S.W.
BEGIN TAPER +85
END TAPER +01
TCE
EXIST. R/W
S.L.

10.25'
10.25'
11.00'
10.25'
9.75'
BEGIN TAPER END 4" I.Y. +91
6" S.W.
BEGIN TAPER +68
TCE
BEGIN TAPER END 6" I.W. BEGIN 6" S.W. +75
TCE
40
420+92
(R) a) R4-7 24"x30"
(R) CENTER LANE ONLY b) CENTER LANE ONLY R3-9b 24"x36"

NOTE:
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2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	— —	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	———	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	— —	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	———	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 24 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER
PE: 2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:40-06'00'

DATE PREPARED
1/9/2026

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	200

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG LUCAS HUNT ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "LH RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND

6" I.W. —— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W. ————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y. —— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y. ————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

SCALE
0 20 40 60

MATCHLINE STA. 421+50

MATCHLINE STA. 426+60

(R) R4-7 24"x30" — 422+36 — 43
(R) — 422+41 — 44 — W12-1 36"x36" (FY)
(R) R4-7 24"x30" — 423+34 — 46
(R) R4-7 24"x30" — 425+31 — 48

END 4" S.Y. +32
END 6" S.W.
END 6" I.W. +21

BEGIN 6" S.W.
BEGIN 4" S.Y.
24" WSB +24

LT ARROW +38
LT ARROW +09
EXIST. R/W
S.L.
425
END 6" S.W.
BEGIN 6" I.W. +35

6" S.W. 10.25'
6" I.W. 12.75'
4" S.Y. 14.0'
6" S.W. 11.0'
11.0'

BEGIN 4" S.Y. +18
BEGIN 6" S.W. +02
10' BEGIN 6" I.W. +24
END 6" S.W. +29
6" S.W.
6" I.W.
6" S.W.

10.25'
10.25'
6" S.W.
10.25'
4" S.Y. 11.65'
8.75'
10.25'
10.25'

SURVEY ℄ ROUTE AC

END TAPER
END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y. +00

BEGIN TAPER
END 4" S.Y.
BEGIN 4" D.S.Y. +35

10.25' 6" I.W.
10.25' 4" S.Y.
10.25' 4" I.Y. 16.8'
4" D.S.Y.
10.25'
10.25'

END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y. +50

END TAPER +92
TCE
END TAPER +02
PSE
END 4" S.Y.
END 6" S.W.
24" WSB +26
BEGIN 6" S.W. +30
42
422+17

(R) YIELD
YIELD R1-2 48"x48"

END 6" S.W. +57
END 6" S.W. +56 (LH RD)
END 6" S.W.
END 6" I.W.
END 4" D.S.Y. +32 (LH RD)
(MATCH EX.)

SURVEY ℄ LUCAS HUNT RD

11.7'
11.5'
11.0'
10.75'
10.75'

BEGIN 6" S.W. +97 (LH RD)
4" D.S.Y.
6" S.W.
6" I.W.

END 6" S.W. +32 (LH RD) (MATCH EX.)

45 — 423+02 — 424+04
BEGIN 6" S.W.
BEGIN 4" D.S.Y.
24" WSB
+57 (LH RD)

(R) W12-1 36"x36" (FY)

47 — 423+21

(R) YIELD
YIELD R1-2 48"x48"

S.L.
EXIST. R/W
TCE

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
COLEMAN-WRIGHT CME CHURCH
(UIP)

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 25 OF 34

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STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

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Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	201

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

NOTE:
1. PAVEMENT MARKING AND SIGNING LOCATED ALONG LUCAS HUNT ROAD IS LABELED BASED ON THE SIDEROAD ALIGNMENT AND IS DENOTED "LH RD".
2. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
3. WP= WATERBORNE PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND

6" I.W. —— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W. ————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y. —— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y. ————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
	WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
	24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW	LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW	THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
	ASPHALT RESURFACING

SCALE
0 20 40 60

MATCHLINE STA. 421+50

MATCHLINE STA. 426+60

(R) R4-7 24"x30" — 422+36 — 43
(R) — 422+41 — 44 — W12-1 36"x36" (FY)
(R) R4-7 24"x30" — 423+34 — 46
(R) R4-7 24"x30" — 425+31 — 48

END 4" S.Y. +32
END 6" S.W.
END 6" I.W. +21

BEGIN 6" S.W.
BEGIN 4" S.Y.
24" WSB +24

LT ARROW +38
LT ARROW +09
EXIST. R/W
S.L.
END 6" S.W.
BEGIN 6" I.W. +35

425

6" S.W. 10.25'
6" I.W. 12.75'
4" S.Y. 14.0'
6" S.W. 11.0'
11.0'

BEGIN 4" S.Y. +18
BEGIN 6" S.W. +02
BEGIN 6" I.W. +24
END 6" S.W. +29

6" S.W. 10.25'
10.25'
6" S.W. 10.25'
4" S.Y. 11.65'
8.75'
6" I.W. 10.25'
6" S.W. 10.25'

SURVEY ℄ ROUTE AC

END TAPER
END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y.
+00

BEGIN TAPER
END 4" S.Y.
BEGIN 4" D.S.Y.
+35

10.25' 6" I.W.
10.25' 4" S.Y.
10.25' 4" I.Y.
16.8'
4" D.S.Y. 10.25'
10.25'
END 4" D.S.Y.
BEGIN 4" S.Y.
BEGIN 4" I.Y.
+50

END TAPER +92
TCE
END TAPER +02
PSE
END 4" S.Y.
END 6" S.W.
24" WSB +26
BEGIN 6" S.W. +30

42 — 422+17

(R) YIELD
R1-2 48"x48" YIELD

END 6" S.W. +57
END 6" S.W. +56 (LH RD)
END 6" S.W.
END 6" I.W.
END 4" D.S.Y. +32 (LH RD)
(MATCH EX.)

SURVEY ℄ LUCAS HUNT RD

END 6" S.W. +32 (LH RD) (MATCH EX.)

11.7' 11.5' 11.0'
10.75' 10.75'

BEGIN 6" S.W. +97 (LH RD)
4" D.S.Y.
6" S.W.
6" I.W.

45 — 423+02 — 424+04
47 — 423+21

BEGIN 6" S.W.
BEGIN 4" D.S.Y.
24" WSB
+57 (LH RD)

(R) YIELD
R1-2 48"x48" YIELD

(R) W12-1 36"x36" (FY)

S.L.
TCE
EXIST. R/W

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
COLEMAN-WRIGHT CME CHURCH
(UIP)

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 25 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2026.01.09 14:08:41-06'00'

DATE PREPARED: 1/9/2026
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 201
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165

BMcD Project No. 170015

SCALE

0 20 40 60

435

MATCHLINE STA. 432+10

MATCHLINE STA. 437+60

J6I3573B PROJECT LIMITS

EXIST. R/W

S.L.

10.25'

10.25'

SURVEY ℄ ROUTE AC

10.80'

10.25'

10.25'

BEGIN 4" S.Y.
BEGIN 4" I.Y.
BEGIN 6" S.W.
BEGIN 6" I.W.
+67 (MATCH EX.)

BEGIN 6" S.W.
+21

END 6" S.W.
+33

BEGIN 6" S.W.
+15

6" S.W.

6" I.W.

4" S.Y.

4" I.Y.

6" I.W.

6" S.W.

J6I3573B PROJECT LIMITS

SUN VALLEY DR

DORWOOD DR

93

436+87

METRO BUS STOP XXXX

(RELOCATE BY OTHERS)

S.L.

EXIST. R/W

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 27 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	203

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No.: 000165

BMcD Project No. 170015

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SCALE
0 20 40 60

MATCHLINE STA. 437+60

MATCHLINE STA. 443+10

440

S.L.

EXIST. R/W

10.25'
10.25'
10.80'
10.25'
10.25'

TWLTL ARROWS
+99

16'

SURVEY ℄ ROUTE AC

6" S.W.
6" I.W.
4" S.Y.
4" I.Y.
6" I.W.
6" S.W.

EXIST. R/W

S.L.

NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 28 OF 34

ALLISON M. BRUNER NUMBER PE-2019005896
STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	204

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

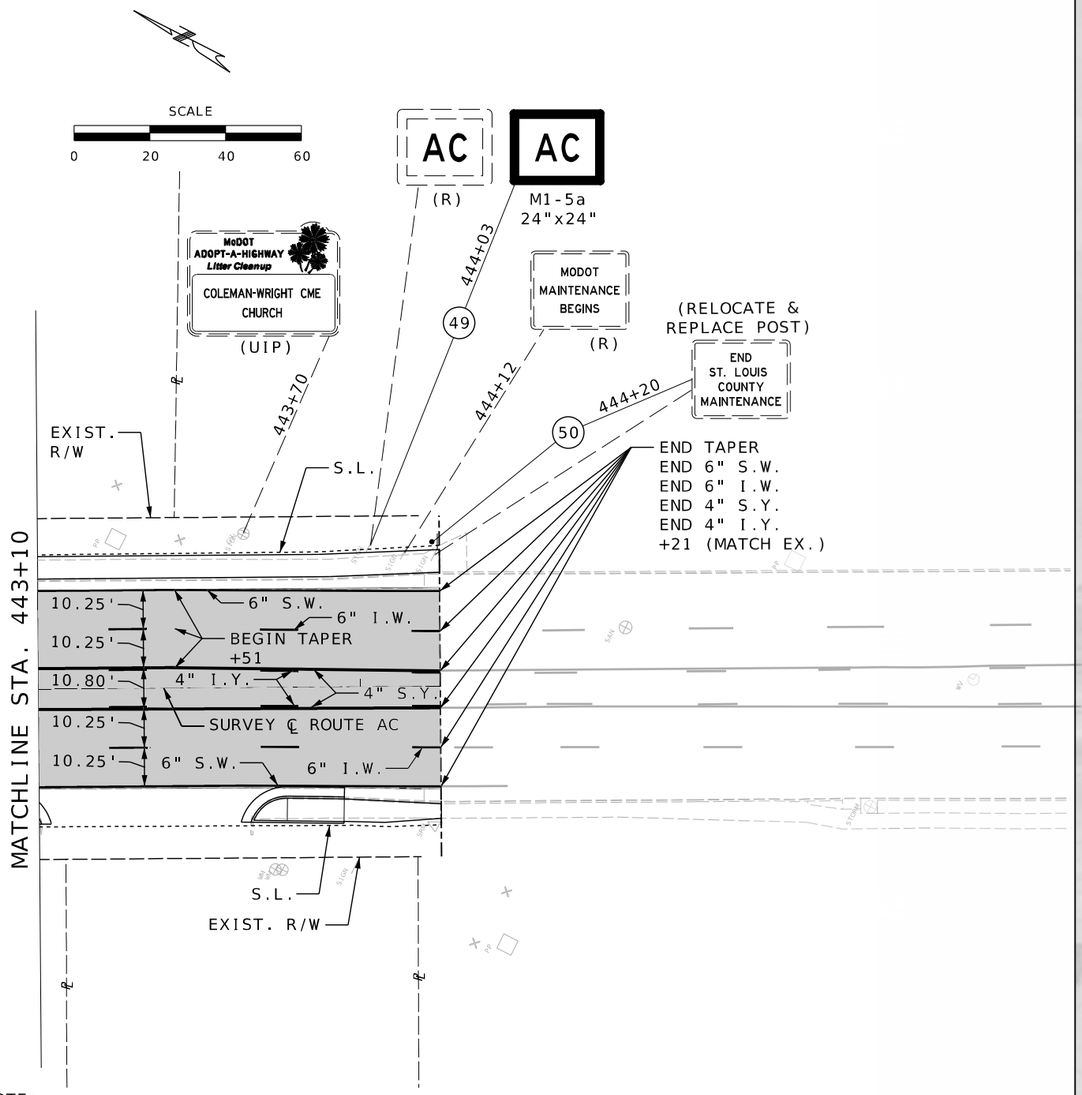
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

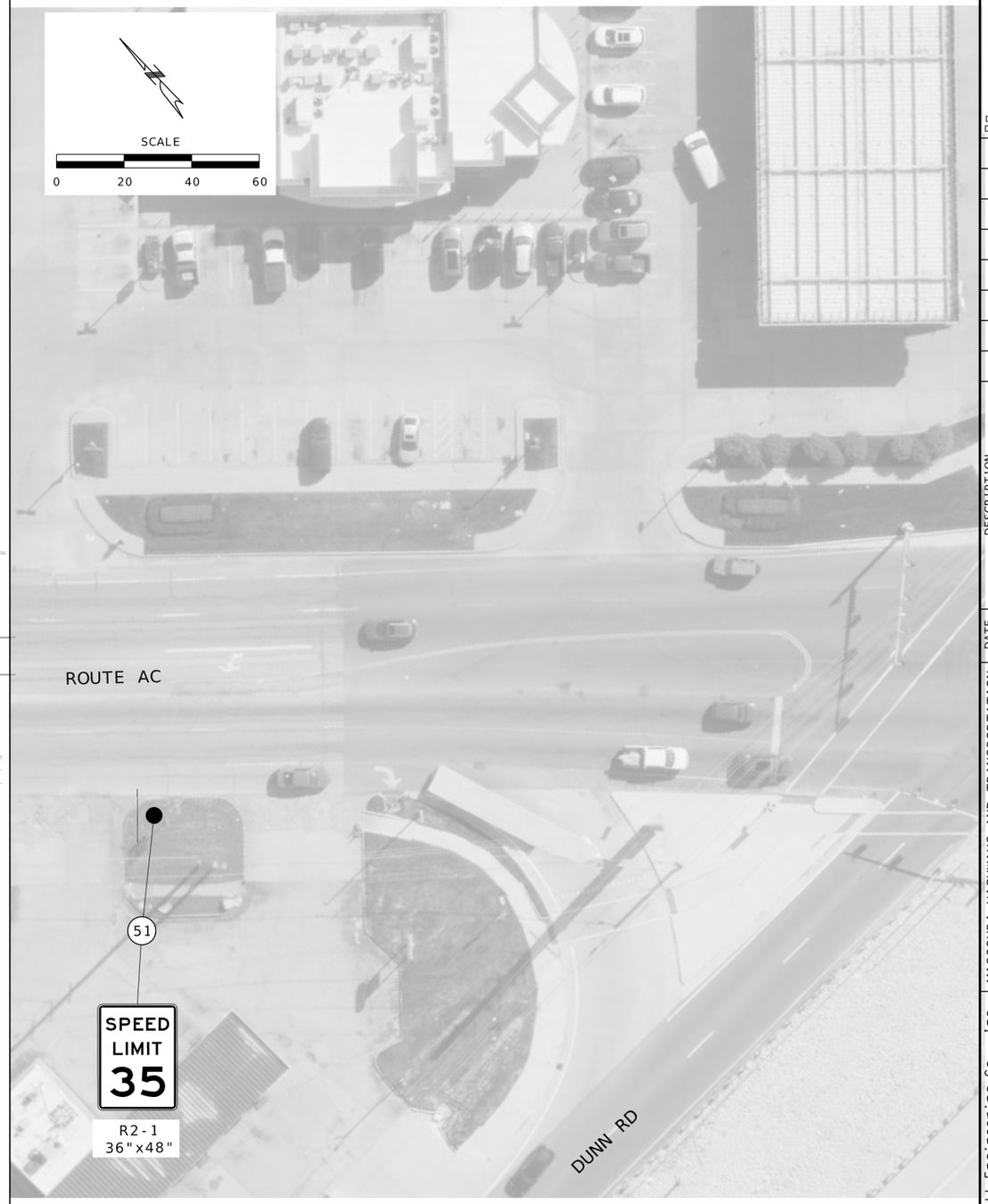
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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NOTE:
1. CONTRAST PAVEMENT MARKINGS SHALL BE COMPLETED ON CONCRETE SURFACE AS DIRECTED BY ENGINEER AT NO DIRECT PAY.
2. C2= CLASS 2 PAINT, FY= FLUORESCENT YELLOW, FYG= FLUORESCENT YELLOW GREEN, FB= FLUORESCENT BLUE

PAVEMENT MARKING LEGEND		
6" I.W.	—— ——	6" INTERMITTENT WHITE LINE (C2 25-MIL, L BEADS)
6" S.W.	————	6" SOLID WHITE LINE (C2 25-MIL, L BEADS)
4" I.Y.	—— ——	4" INTERMITTENT YELLOW LINE (C2 25-MIL, L BEADS)
4" S.Y.	————	4" SOLID YELLOW LINE (C2 25-MIL, L BEADS)
24" WSB		24" SOLID WHITE STOP BAR (PREFORMED THERMOPASTIC)
		WHITE YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC)
		24" SOLID WHITE CROSSWALK (PREFORMED THERMOPASTIC)
LT ARROW		LEFT TURN ARROW (PREFORMED THERMOPASTIC)
THRU/RT ARROW		THRU AND RIGHT TURN ARROW (PREFORMED THERMOPASTIC)
		ASPHALT RESURFACING



ADD 35 MPH SPEED LIMIT SIGN. NO UTILITY SURVEY OR TOPOGRAPHIC SURVEY WAS OBTAINED FOR THIS AREA. CONFIRM LOCATION WITH ENGINEER PRIOR TO INSTALLATION.

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 29 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED: 11/30/2025
ROUTE: AC | STATE: MO
DISTRICT: SL | SHEET NO.: 205
COUNTY: ST. LOUIS
JOB NO.: J6S3569
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

EFFECTIVE: 07-01-2024

SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*						PIPE POSTS*					BACKING BARS**				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
																							2-INCH POST						2.5-INCH POST							
																									TOTAL	ANCHORS					TOTAL	2.25" INSERT (6 FT)	ANCHORS				
																										DRIVEN 12 GA.	DRIVEN 7 GA.	CONCRETE 7 GA.					DRIVEN 7 GA.	CONCRETE 7 GA.		
																		2" X 3/8" BARS AT 2.55 LBS/FT																	
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	NO.	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285	BREAK-AWAY ASSEMBLY ITEM NO. 9031241	REMARKS AND OTHER REQUIRED ITEMS
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH	
61	24"X30"	-		RTE AC-CTR																									14		14		1			
1	ASSEMBLY	312+62		RTE AC-LT									2.5	16	16	5.79	92.64																			
3	24"X30"	314+20		RTE AC-CTR																									14		14		1			
4	36"X36"	314+69		RTE AC-LT																									14		14		1			
5	ASSEMBLY	315+86		RTE AC-LT																									14		14		1			
6	ASSEMBLY	317+60		RTE AC-RT																									14		14		1			
7	36"X36"	5+71		OLD PERSHALL-LT																									14		14		1			
62	36"X36"	6+10		OLD PERSHALL-LT																									14		14		1			
63	48"X24"	6+38		OLD PERSHALL-RT																									14		14		1			
8	24"X36"	323+84		RTE AC-RT																									14		14		1			
9	36"X48"	327+90		RTE AC-LT																									14		14		1			
10	18"X24"	328+71		RTE AC-LT																									14		14		1			
11	36"X48"	331+45		RTE AC-RT																									14		14		1			
64	48"X24"	338+26		RTE AC-LT																									14		14		1			
12	24"X30"	338+79		RTE AC-CTR																									14		14		1			
13	ASSEMBLY	9+38		OLD HALLS FERRY-LT																									14		14		1			
14	ASSEMBLY	9+40		OLD HALLS FERRY-LT																									14		14		1			
15	24"X30"	340+65		RTE AC-CTR																									14		14		1			
16	24"X30"	341+13		RTE AC-CTR																									14		14		1			
17	36"X36"	341+14		RTE AC-LT																									14		14		1			
18	24"X24"	342+51		RTE AC-RT																									14		14		1			
19	24"X30"	344+25		RTE AC-CTR																									14		14		1			
65	36"X18"'	348+62		RTE AC-RT																									14		14		1			
20	18"X24"	349+10		RTE AC-LT																									14		14		1			
21	36"X48"	349+71		RTE AC-LT																									14		14		1			
22	18"X24"	351+03		RTE AC-LT																									14		14		1			
23	ASSEMBLY	351+05		RTE AC-RT																									14		14		1			
66	ASSEMBLY	351+66		RTE AC-LT																									14		14		1			
24	18"X24"	352+73		RTE AC-LT																									14		14		1			
67	ASSEMBLY	357+48		RTE AC-LT																									14		14		1			
26	36"X36"	358+87		RTE AC-RT																									14		14		1			
25	36"X36"	359+63		RTE AC-RT																									14		14		1			
27	36"X48"	366+02		RTE AC-LT																									14		14		1			
28	36"X48"	363+65		RTE AC-RT																									14		14		1			
29	24"X36"	377+67		RTE AC-LT																									14		14		1			
30	ASSEMBLY	378+48		RTE AC-RT																									14		14		1			
31	24"X30"	395+16		RTE AC-LT																									14		14		1			
32	18"X24"	395+58		RTE AC-LT																									14		14		1			
89	36"X30"	396+33		RTE AC-LT																									14		14		1			
34	24"X30"	396+91		RTE AC-LT																									14		14		1			
33	ASSEMBLY	8+27		CHAMBERS-LT																									14		14		1			
68	24"X24"	8+61		CHAMBERS-LT																									14		14		1			
37	24"X30"	9+29		CHAMBERS-LT																									14		14		1			
54	ASSEMBLY	14+00		CHAMBERS-RT																									14		14		1			
35	24"X30"	398+35		RTE AC-RT																									14		14		1			
36	24"X30"	400+06		RTE AC-RT																									14		14		1			
55	ASSEMBLY	404+35		RTE AC-RT																									14		14		1			
38	24"X36"	407+50		RTE AC-RT																									14		14		1			
56	ASSEMBLY	408+49		RTE AC-RT																									14		14		1			
39	36"X36"	408+87		RTE AC-RT																									14		14		1			
40	ASSEMBLY	420+92		RTE AC-CTR																									14		14		1			
41	36"X48"	410+47		RTE AC-RT																									14		14		1			
42	48"X48"	422+17		RTE AC-RT																									14		14		1			
43	24"X30"	422+36		RTE AC-RT																									14		14		1			
44	36"X36"	422+41		RTE AC-RT																									14		14		1			
45	36"X36"	423+02		RTE AC-RT																									14		14		1			
46	24"X30"	423+34		RTE AC-RT																									14		14		1			
47	48"X48"	423+21		RTE AC-RT																									14		14		1			
48	24"X30"	425+31		RTE AC-RT																									14		14		1			
49	24"X24"	444+03		RTE AC-LT																									14		14		1			
				SUBTOTAL													92.64								826						59					
				TOTAL													92.64				**															

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.

**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 30 OF 34

D-29

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:35-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO

DISTRICT	SHEET NO.
SL	206

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

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SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.
					ITEM NO. 9031010
					CY
50	-	444+20		RTE AC-LT	
51	36"x48"	(DUNN RD)		-	
52	36"x48"	343+53		RTE AC-RT	
53	36"x48"	390+50		RTE AC-LT	
75	48"x18"	395+54		RTE AC-LT	
76	48"x18"	395+82		RTE AC-LT	
77	48"x18"	396+60		RTE AC-LT	
78	48"x18"	398+66		RTE AC-RT	
79	48"x18"	399+56		RTE AC-RT	
80	48"x18"	399+91		RTE AC-RT	
81	18"X24"	324+18		RTE AC-RT	
82	18"X24"	335+32		RTE AC-LT	
83	18"X24"	335+38		RTE AC-RT	
84	18"X24"	354+26		RTE AC-RT	
85	18"X24"	376+47		RTE AC-LT	
86	18"X24"	376+77		RTE AC-RT	
87	18"X24"	385+54		RTE AC-RT	
88	18"X24"	395+19		RTE AC-LT	
90	18"X24"	13+86		CHAMBERS-RT	
91	18"X24"	406+14		RTE AC-RT	
92	18"X24"	426+51		RTE AC-RT	
93	18"X24"	436+87		RTE AC-RT	
				SUBTOTAL	
				TOTAL	

CONCRETE FOOTINGS EMBEDDED

ITEM NO. 9031010
CY

STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																			
			SHF	SHF	SHF	SHF	SH	SHF	SH	SH	SH	SH	SH	SHF	SHF	SHF	SH	SH	SHF	SHF	SH	
			14'- 3" W12-2 36"X36"	W11-1 36"X36"	IN ROAD W16-1P 24"X18"	W1-7 48"X24"	STOP R1-1 36"X36"	W1-1L 36"X36"	CENTER LANE ONLY R3-9b 24"X36"	SPEED LIMIT 35 R2-1 36"X48"	NO PARKING ANY TIME R7-1L 18"X24"	NO PARKING ANY TIME R7-1R 18"X24"	R4-7 24"X30"	W11-2 36"X36"	W16-7P 30"X18"	W12-1 30"X30"	AC M1-5a 24"X24"	NO PARKING ANY TIME R7-1D 18"X24"	S1-1 36"X36"	AHEAD W16-9P 30"X18"	R3-4 24"X24"	
4	314+69	RTE AC	1																			
5a)	315+86	RTE AC		1																		
5b)	315+86	RTE AC			1																	
6a)	317+60	RTE AC		1																		
6b)	317+60	RTE AC			1																	
7	5+71	OLD PERSHALL						1														
62	6+10	OLD PERSHALL					1															
63	6+38	OLD PERSHALL				1																
8	323+84	RTE AC							1													
9	327+90	RTE AC								1												
10	328+71	RTE AC									1											
11	331+45	RTE AC								1												
12	338+79	RTE AC											1									
13a)	9+38	OLD HALLS FERRY												1								
13b)	9+38	OLD HALLS FERRY													1							
14a)	9+40	OLD HALLS FERRY												1								
14b)	9+40	OLD HALLS FERRY													1							
15	340+65	RTE AC											1									
16	341+13	RTE AC											1									
17	341+14	RTE AC														1						
18	342+51	RTE AC															1					
19	344+25	RTE AC											1									
20	349+10	RTE AC																1				
21	349+71	RTE AC								1												
22	351+03	RTE AC																1				
23a)	351+05	RTE AC																	1			
23b)	351+05	RTE AC																		1		
24	352+73	RTE AC																1				
25	359+63	RTE AC																	1			
27	366+02	RTE AC								1												
28	363+65	RTE AC								1												
29	377+67	RTE AC							1													
30a)	378+48	RTE AC		1																		
30b)	378+48	RTE AC			1																	
31	395+16	RTE AC											1									
32	395+58	RTE AC										1										
34	396+91	RTE AC											1									
33a)	8+27	CHAMBERS											1									
33b)	8+27	CHAMBERS																			1	
37	9+29	CHAMBERS											1									
54a)	14+00	CHAMBERS								1												
35	398+35	RTE AC											1									
36	400+06	RTE AC											1									
38	407+50	RTE AC							1													
39	408+87	RTE AC					1															
40a)	420+92	RTE AC											1									
40b)	420+92	RTE AC							1													
41	410+47	RTE AC								1												
43	422+36	RTE AC											1									
44	422+41	RTE AC														1						
45	423+02	RTE AC														1						
46	423+34	RTE AC											1									
48	425+31	RTE AC											1									
49	444+03	RTE AC															1					
61	-	RTE AC											1									
3	314+20	RTE AC											1									
51	(DUNN RD)	-								1												
52	343+53	RTE AC								1												
53	390+50	RTE AC								1												
		TOTALS	1	3	3	1	2	1	4	10	1	1	16	2	2	3	2	3	2	1	1	

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
W12-2		1	36" X 36"		9		
W11-1		3	36" X 36"		27		
W16-1P		3	24" X 18"		9		
W1-7		1	48" X 24"		8		
R1-1		2	36" X 36"	18			
W1-1L		1	36" X 36"		9		
R3-9b		4	24" X 36"	24			
R2-1		10	36" X 48"	120			
R7-1L		1	18" X 24"	3			
R7-1R		1	18" X 24"	3			
R4-7		16	24" X 30"	80			
W11-2		2	36" X 36"		18		
W16-7P		2	30" X 18"		8		
W12-1		3	30" X 30"		19		
M1-5a		2	24" X 24"	4			
R7-1D		3	18" X 24"	9			
S1-1		2	36" X 36"		18		
W16-9P		1	30" X 18"		4		
R3-4		1	24" X 24"	4			
			SUBTOTAL	265	129		

*ORANGE, YELLOW AND YELLOW-GREEN

ALLISON M. BRUNER NUMBER PE-2019005896 STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:35-06'00'

DATE PREPARED 11/30/2025

ROUTE AC | STATE MO

DISTRICT SL | SHEET NO. 208

COUNTY ST. LOUIS

JOB NO. J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.

425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

Certificate of Authority
No. : 000165

BMcD Project No. 170015

BURNS McDONNELL

REV.

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 32 OF 34

D-30

STANDARD SIGN ASSEMBLIES

SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																			
			SHF	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH									
			NO OUTLET		YIELD	TO	WEST	EAST	INTERSTATE 270			FERGUSON CITY LIMIT	ONE WAY									
			W14-2 36"X36"	R3-2 24"X24"	R1-2 48"X48"	M4-5 24"X12"	M3-4 24"X12"	M3-2 24"X12"	M1-1 24"X24"	M6-3 21"X15"	M6-2 21"X15"	I4-1 36"X18"	R6-1R 48"X18"									
1a)	312+62	RTE AC				1																
1b)	312+62	RTE AC					1															
1c)	312+62	RTE AC							1													
1d)	312+62	RTE AC								1												
1e)	312+62	RTE AC				1																
1f)	312+62	RTE AC						1														
1g)	312+62	RTE AC							1													
1h)	312+62	RTE AC									1											
26b)	358+87	RTE AC	1																			
42	422+17	RTE AC			1																	
68	8+61	CHAMBERS		1																		
64	338+26	RTE AC										1										
47	423+21	RTE AC			1																	
75	395+54	RTE AC											1									
76	395+82	RTE AC											1									
77	396+60	RTE AC											1									
78	398+66	RTE AC											1									
79	399+56	RTE AC											1									
80	399+91	RTE AC											1									
TOTALS			1	1	2	2	1	1	2	1	1	1	6									

SIGN SUMMARY

EFFECTIVE: 10-01-2016

STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
W14-2		1	36" X 36"		9		
R3-2		1	24" X 24"	4			
R1-2		2	48" X 48"	32			
M4-5		2	24" X 12"	4			
M3-2		1	24" X 12"	2			
M3-2		1	24" X 12"	2			
M1-1		2	24" X 24"	8			
M6-3		1	21" X 15"	2			
M6-2		1	21" X 15"	2			
I4-1		1	36" X 18"	5			
R6-1R		6	48" X 18"	36			
SUBTOTAL				97	9		
PAY TOTAL				362	138		

*ORANGE, YELLOW AND YELLOW-GREEN

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:34-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO

DISTRICT	SHEET NO.
SL	209

COUNTY
ST. LOUIS

JOB NO.
J6S3569

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500

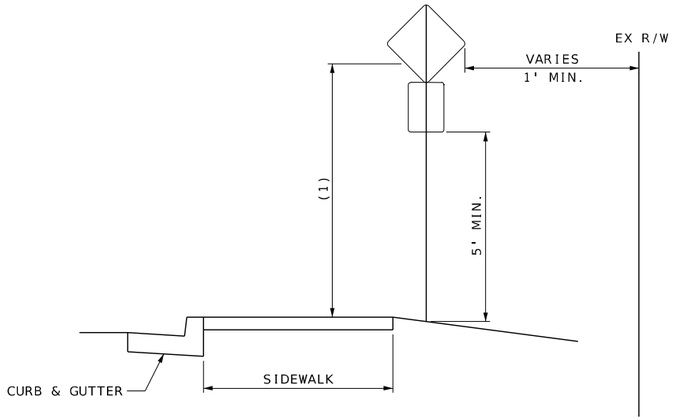
Certificate of Authority
No. : 000165

BMcD Project No. 170015

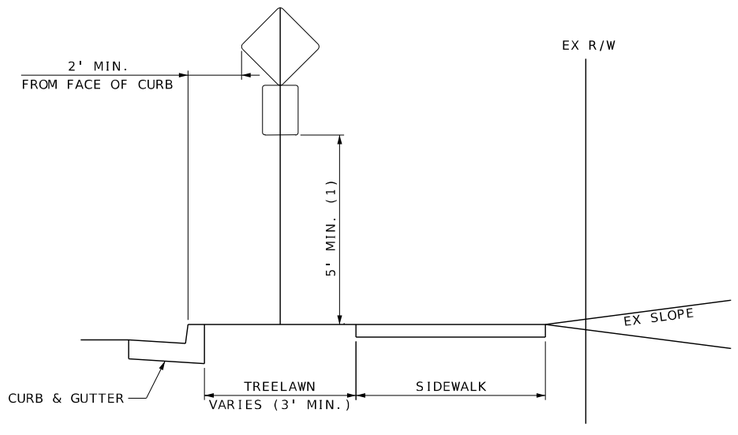
REV.

ROUTE AC PAVEMENT MARKING AND SIGNING SHEET 33 OF 34

D-30



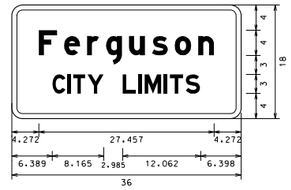
SIGN WITH PLAQUE BEHIND SIDEWALK



SIGN WITH PLAQUE IN TREELAWN

(1) THE CONTRACTOR SHALL INSTALL SIGNS TO AVOID OVERHANGING THE P.A.R., WHERE PRACTICABLE. AT SIGN LOCATIONS WHERE RIGHT OF WAY IS LIMITED OR TREELAWN IS TOO NARROW, THE CONTRACTOR SHALL MAINTAIN A 7-FT MINIMUM VERTICAL CLEARANCE FROM THE SURFACE OF P.A.R. TO THE BOTTOM OF THE SIGN OR SIGN PLAQUE.

SIGN NO.	13A
STATION	338+26
ROADWAY	RTE AC



14-1 SH-FLAT SHEET
3.000" Radius, 0.900" Border, White on Green:
[Ferguson] E Mod: [CITY LIMITS] E Mod:
Table of letter and object lefts

F	e	r	g	u	s	o	n
4.172	7.609	11.426	13.967	18.055	21.749	25.162	29.028

C	I	T	Y	L	I	M	I	T	S
9.274	11.86	12.894	14.918	20.445	22.838	24.02	27.049	28.083	30.477

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

ROUTE AC PAVEMENT MARKING
AND SIGNING SHEET 34 OF 34

STATE OF MISSOURI
ALLISON M. BRUNER
NUMBER PE-2019005896
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY
Digitally signed by Allison Bruner
Date: 2025.11.30 09:04:35-06'00'

DATE PREPARED
11/30/2025

ROUTE	STATE
AC	MO
DISTRICT	SHEET NO.
SL	210

COUNTY
ST. LOUIS
JOB NO.
J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

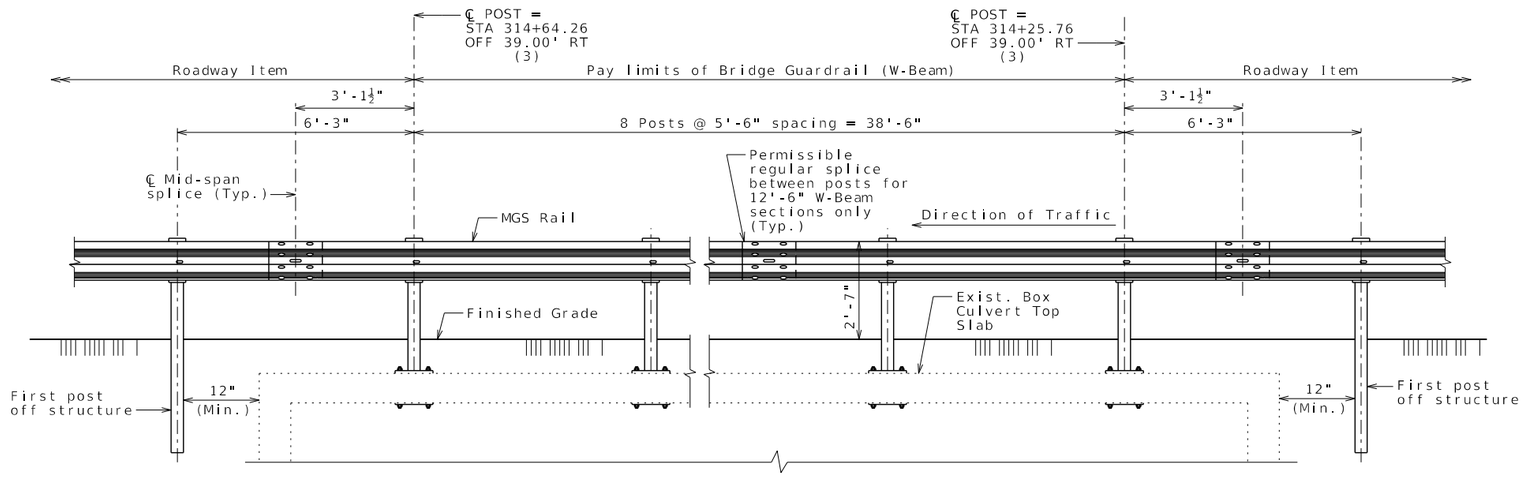
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

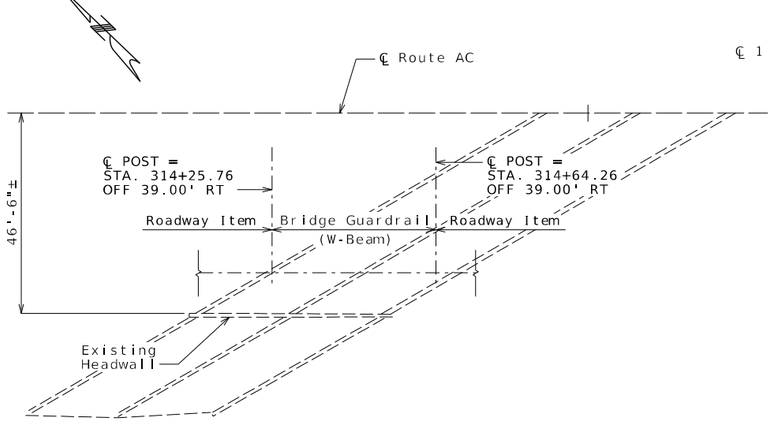
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority
No. : 000165
BMcD Project No. 170015

REV.

U.I.P. AND REHABILITATE EXISTING 2(10'± x 15'±) REINFORCED CONCRETE BOX CULVERT



TYPICAL ELEVATION

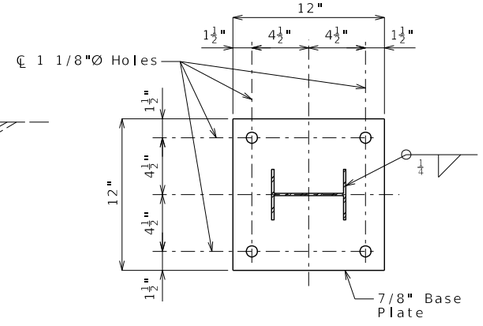


PART PLAN SHOWING GUARDRAIL LAYOUT

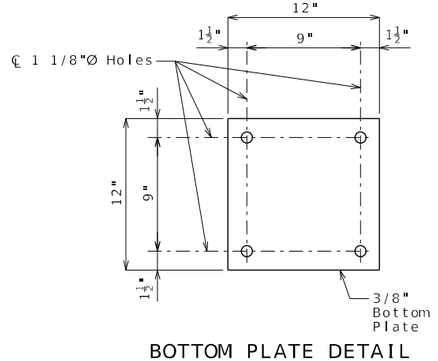
(1) Two 7/8-inch diameter ASTM F3125 Grade A325 Type 1 bolts with hex nuts and hardened locking washers. (All Galvanized)

(2) Contractor to field verify the depth at every guardrail post location prior to construction. No additional payment will be made for adjustment in post height.

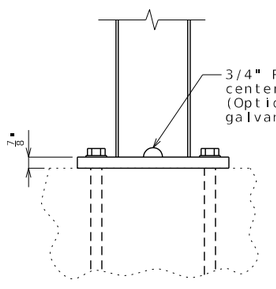
(3) Estimated from the as-built plans. Contractor to field verify limits of the culvert prior to construction.



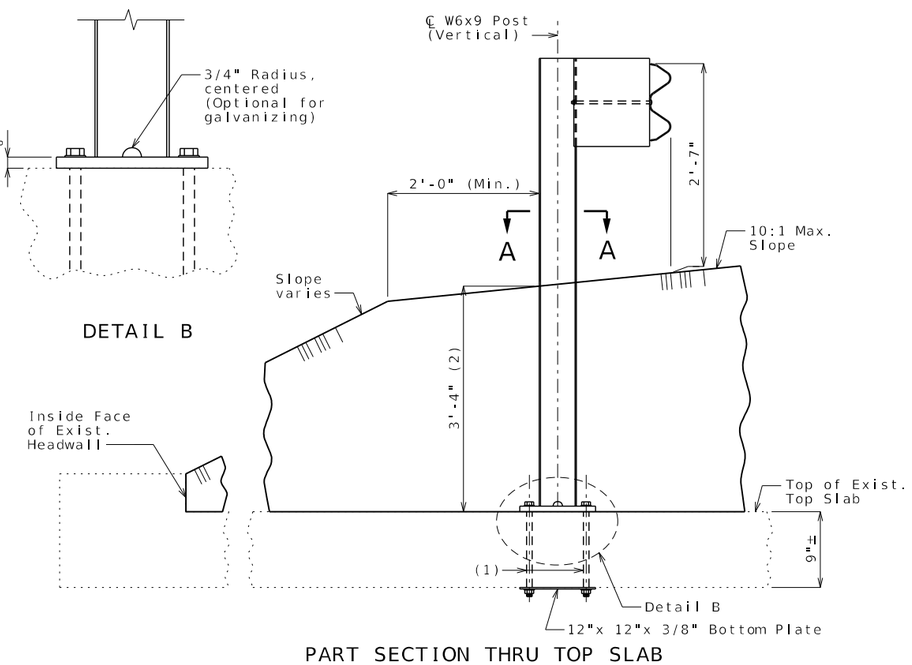
SECTION A-A



BOTTOM PLATE DETAIL



DETAIL B



PART SECTION THRU TOP SLAB SHOWING RAIL POST ATTACHMENT

General Notes:

SEC/SUR 31 TWP 47N RGE 7E

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications

Miscellaneous:

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Guardrail:

Furnishing and installing posts and guardrail on culvert as shown on this sheet will be considered completely covered by the contract unit price for Bridge Guardrail (W-Beam).

Furnishing and installing posts and guardrail on culvert shall be in accordance with Sec 606 except as shown.

Rail posts shall be seated on 1/16-inch elastomeric pads having the same dimensions as the post base plate. Such pads may be any elastomeric material, plain or fibered, having hardness (durometer) of 50 or above, as certified by the manufacturer. Additional pads or half pads may be used in shimming for alignment. Post heights shown will increase by the thickness of the pad.

Posts, base plates, and bottom plates shall be fabricated from ASTM A709 Grade 36 steel and galvanized.

Fabrication of structural steel shall be in accordance with Sec 1080.

Holes for ASTM A307 bolts may be drilled into the culvert.

See Missouri Standard Plans drawing 606.50 for details not shown.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Estimated Quantities

Item		Total
(72 in.) Pedestrian Fence (Structures)	linear foot	45
Bridge Guardrail (W-Beam)	linear foot	39

REPAIRS TO BRIDGE: ROUTE AC OVER BRANCH OF MALINE CREEK

ROUTE AC FROM ROUTE I-270 TO ROUTE 367
ABOUT 0.1 MILE SOUTH OF ROUTE I-270
BEGINNING STATION 314+86.88± (MATCH EXISTING)

MIDWEST GUARDRAIL SYSTEM (MGS) ON BOX CULVERT

Detailed September 2025
Checked November 2025

Note: This drawing is not to scale. Follow dimensions.

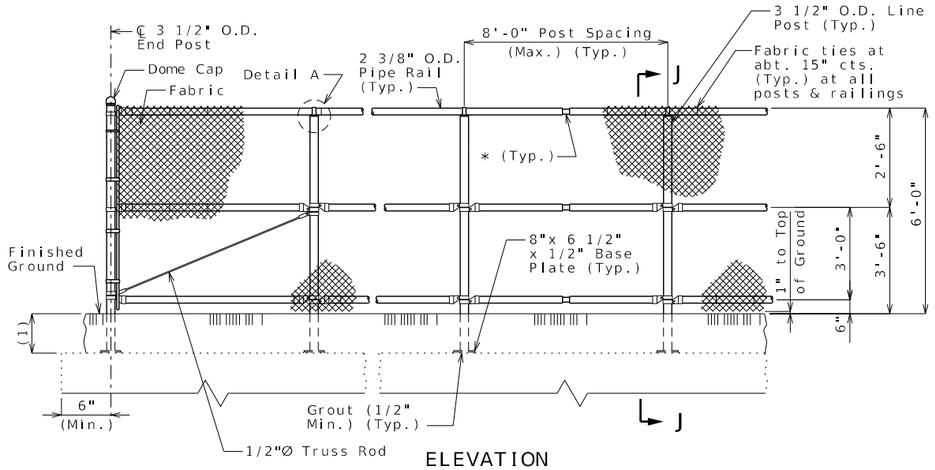
STATE OF MISSOURI
KEVIN P. HEFFERN
NUMBER PE-2007002795
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 12/11/2025
ROUTE AC | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A11071

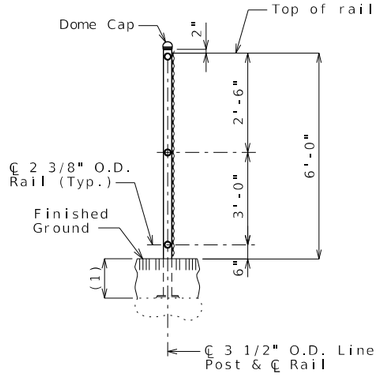
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

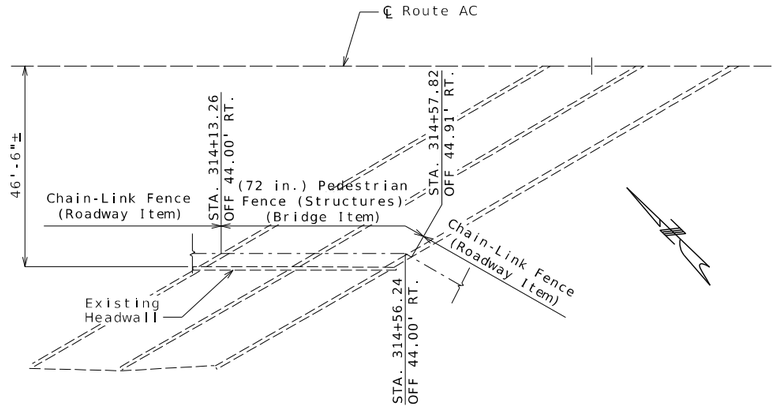
Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015



ELEVATION

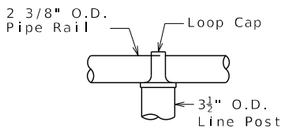


SECTION J-J

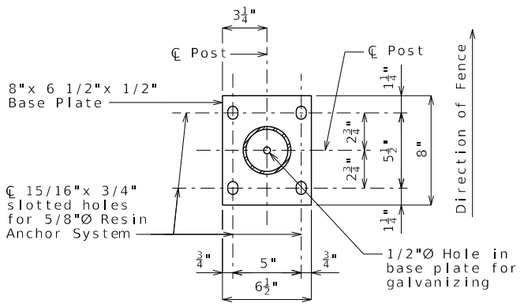


PART PLAN SHOWING FENCE LAYOUT

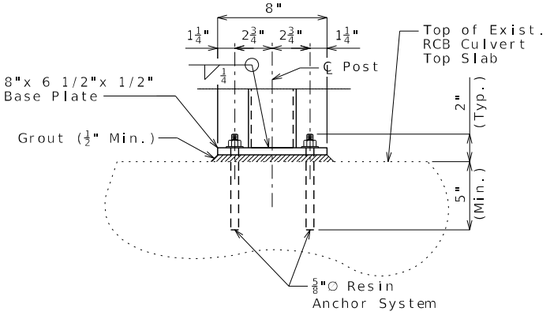
(1) Contractor to field verify the depth at every fence post location prior to construction. No additional payment will be made for adjustment in post height.



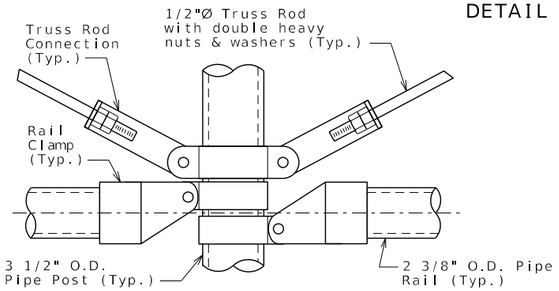
DETAIL A



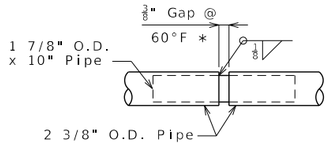
PLAN OF BASE PLATE



POST CONNECTION DETAIL



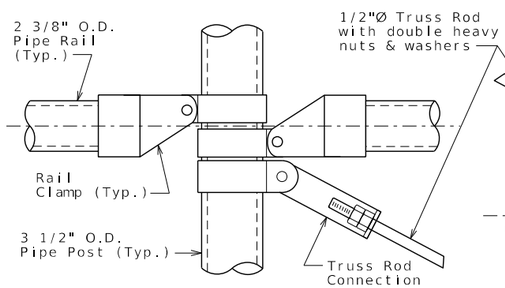
DUAL LOWER TRUSS ROD CONNECTION DETAIL



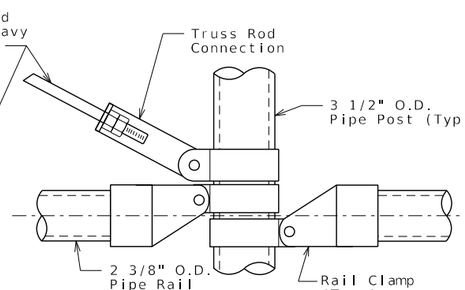
TYPICAL RAIL DETAIL AT SPLICE GAP

Note: At the contractor's option, manufacturer-approved expansion coupling may be used in lieu of detail shown. No additional payment will be made for this substitution.

* 3/8" Gap for splice at about 30'-0" centers with at least one splice gap between pull or end posts.



UPPER TRUSS ROD CONNECTION DETAIL



LOWER TRUSS ROD CONNECTION DETAIL

GENERAL NOTES:

Pedestrian chain link fence shall be in accordance with Sec 1043 except all fabric shall have the top and bottom edges knuckled and pipe members shall be in accordance with ASTM F1043, high strength grade (minimum yield = 50 ksi) heavy industrial steel pipe Group 1A.

All posts shall be vertical. Grout shall be placed under the post base plates in accordance with Sec 1066.

Payment for furnishing, galvanizing, finishing and erecting the fence and frame, complete in place with anchor bolts and washers, will be considered completely covered by the contract unit price for (72 in.) Pedestrian Fence (Structures) per linear foot.

Dimensions of pedestrian chain link fence are measured horizontally.

The maximum spacing allowed between pull posts and end posts is 100 feet. Post brace and 1/2-inch diameter truss rod are required for panels adjacent to pull post and end posts only. Connect the lower end of truss rod to bottom of pull posts and end posts to which the stretcher bar is attached.

Rail clamps, dome cap, bands, tie wires, stretcher bars and truss rod connections shall be in accordance with the manufacturer's recommendations. The truss rod and truss rod connections shall have a minimum capacity of 2000 pounds. Dome cap shall fit tightly.

Note: Base plate shall be welded to the post prior to galvanizing the post with base plate.

Expansion joints shall be placed in the horizontal pieces at not more than 30-foot centers with a minimum gap of 3/8 inch at 60 degrees F.

Steel for truss rods shall be ASTM A709 Grade 36. Steel for base plates shall be ASTM A709 Grade 50.

(72 in.) Pedestrian Fence (Structures) will be measured to the nearest linear foot for each structure, measured along the centerline fence from end of fence to end of fence.

Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

All base plates, anchor bolts, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

Chain link wire fabric shall be 9 gage minimum, 2-inch diamond mesh.

The chain link fence shall be built in accordance with Sec 607 & Sec 1043.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

The minimum embedment depth in concrete with f`c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039, but shall not be less than 5".

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for (72 in.) Pedestrian Fence (Structures).

Resin anchors shall be ASTM F1554 Grade 36.

PEDESTRIAN CHAIN LINK FENCE ON RCB CULVERT TOP SLAB

Detailed September 2025
Checked November 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
KEVIN P. HEFFERN
NUMBER PE-2007002795
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 12/11/2025
ROUTE AC | STATE MO
DISTRICT BR | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A11071

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

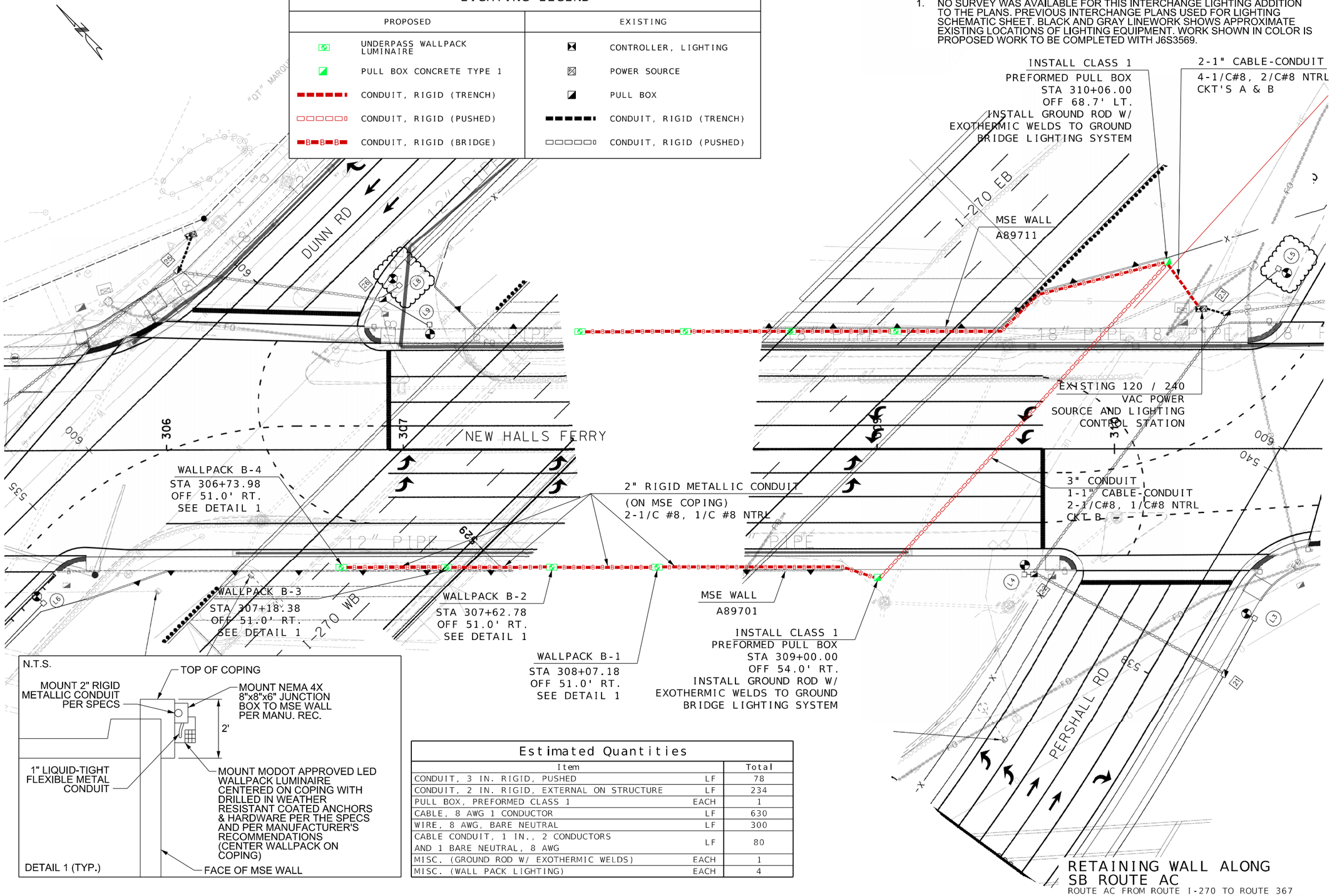
U.I.P. AND REHABILITATE EXISTING MSE RETAINING WALL

LIGHTING LEGEND

PROPOSED		EXISTING	
	UNDERPASS WALLPACK LUMINAIRE		CONTROLLER, LIGHTING
	PULL BOX CONCRETE TYPE 1		POWER SOURCE
	CONDUIT, RIGID (TRENCH)		PULL BOX
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (BRIDGE)		CONDUIT, RIGID (PUSHED)

NOTE:

1. NO SURVEY WAS AVAILABLE FOR THIS INTERCHANGE LIGHTING ADDITION TO THE PLANS. PREVIOUS INTERCHANGE PLANS USED FOR LIGHTING SCHEMATIC SHEET. BLACK AND GRAY LINEWORK SHOWS APPROXIMATE EXISTING LOCATIONS OF LIGHTING EQUIPMENT. WORK SHOWN IN COLOR IS PROPOSED WORK TO BE COMPLETED WITH J6S3569.



N.T.S.

DETAIL 1 (TYP.)

Estimated Quantities

Item		Total
CONDUIT, 3 IN. RIGID, PUSHED	LF	78
CONDUIT, 2 IN. RIGID, EXTERNAL ON STRUCTURE	LF	234
PULL BOX, PREFORMED CLASS 1	EACH	1
CABLE, 8 AWG 1 CONDUCTOR	LF	630
WIRE, 8 AWG, BARE NEUTRAL	LF	300
CABLE CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	80
MISC. (GROUND ROD W/ EXOTHERMIC WELDS)	EACH	1
MISC. (WALL PACK LIGHTING)	EACH	4

RETAINING WALL ALONG SB ROUTE AC

ROUTE AC FROM ROUTE I-270 TO ROUTE 367
AT INTERSECTION OF ROUTE I-270 AND ROUTE AC
BEGINNING STATION 307+00± (MATCH EXISTING)

Detailed September 2025
Checked November 2025

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER
Joshua Hartman

DATE PREPARED 12/11/2025
ROUTE AC | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A89701

DESCRIPTION | DATE | REV.

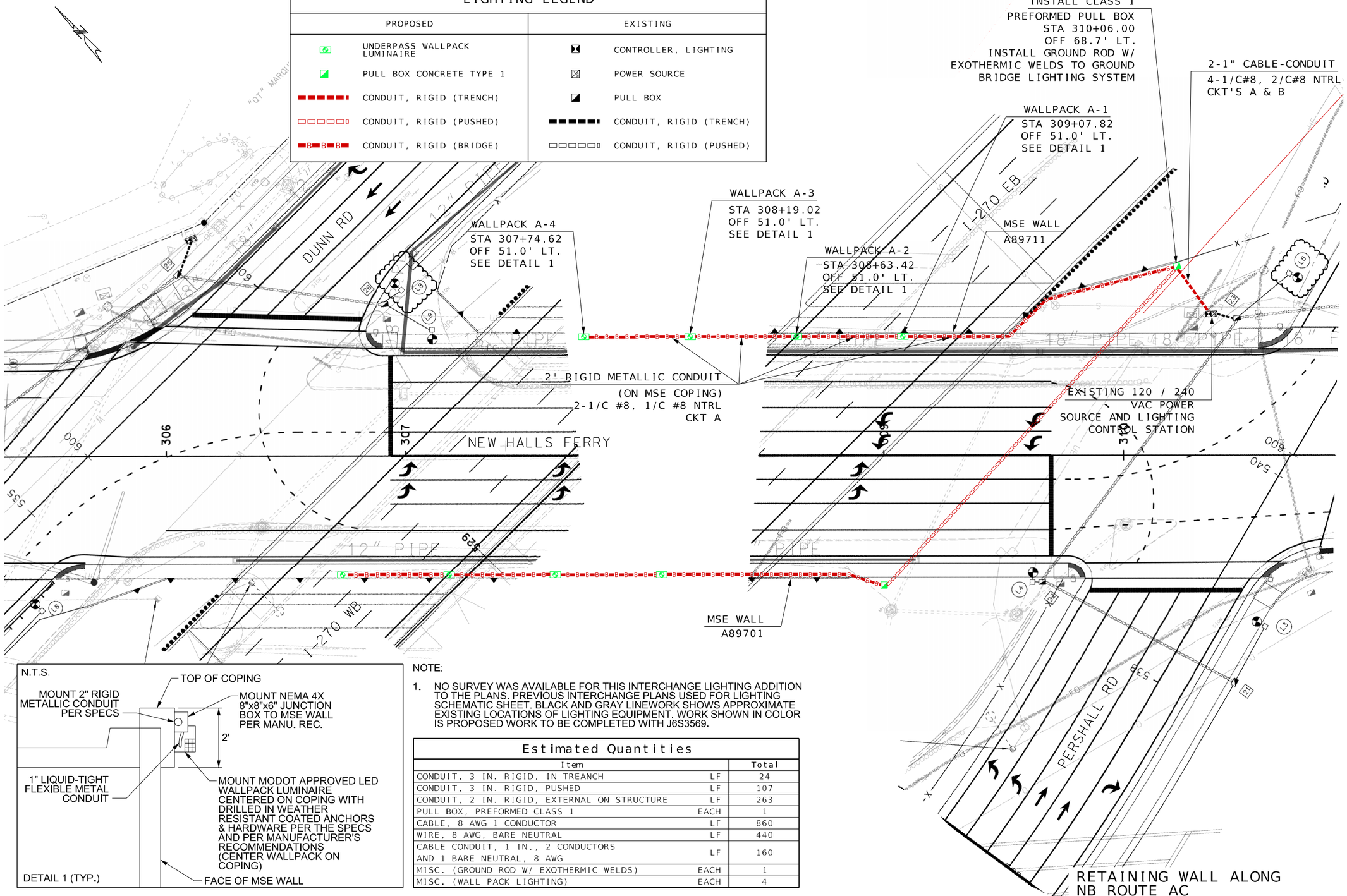
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Burns & McDonnell Engineering Co., Inc.
425 South Woods Mill Road
Chesterfield, Missouri 63017
314-682-1500
Certificate of Authority No. : 000165
BMcD Project No. 170015

U.I.P. AND REHABILITATE EXISTING MSE RETAINING WALL

LIGHTING LEGEND

PROPOSED		EXISTING	
	UNDERPASS WALLPACK LUMINAIRE		CONTROLLER, LIGHTING
	PULL BOX CONCRETE TYPE 1		POWER SOURCE
	CONDUIT, RIGID (TRENCH)		PULL BOX
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (BRIDGE)		CONDUIT, RIGID (PUSHED)



NOTE:

1. NO SURVEY WAS AVAILABLE FOR THIS INTERCHANGE LIGHTING ADDITION TO THE PLANS. PREVIOUS INTERCHANGE PLANS USED FOR LIGHTING SCHEMATIC SHEET. BLACK AND GRAY LINEWORK SHOWS APPROXIMATE EXISTING LOCATIONS OF LIGHTING EQUIPMENT. WORK SHOWN IN COLOR IS PROPOSED WORK TO BE COMPLETED WITH J6S3569.

Estimated Quantities

Item		Total
CONDUIT, 3 IN. RIGID, IN TREANCH	LF	24
CONDUIT, 3 IN. RIGID, PUSHED	LF	107
CONDUIT, 2 IN. RIGID, EXTERNAL ON STRUCTURE	LF	263
PULL BOX, PREFORMED CLASS 1	EACH	1
CABLE, 8 AWG 1 CONDUCTOR	LF	860
WIRE, 8 AWG, BARE NEUTRAL	LF	440
CABLE CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	160
MISC. (GROUND ROD W/ EXOTHERMIC WELDS)	EACH	1
MISC. (WALL PACK LIGHTING)	EACH	4

RETAINING WALL ALONG NB ROUTE AC

ROUTE AC FROM ROUTE I-270 TO ROUTE 367
AT INTERSECTION OF ROUTE I-270 AND ROUTE AC
BEGINNING STATION 307+00± (MATCH EXISTING)

Detailed September 2025
Checked November 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 1

STATE OF MISSOURI
JOSHUA D HARTMAN
NUMBER PE-2025032518
PROFESSIONAL ENGINEER
Joshua Hartman

DATE PREPARED 12/11/2025
ROUTE AC | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3569
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A89711

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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BMcD Project No. 170015

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