

REMOVAL OF IMPROVEMENTS							
ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	REMARKS
DAVIS	94+65.00	99+71.00	EXISTING DAVIS BLVD	PAVEMENT REMOVAL	1,883.7	SY	
DAVIS	98+96.00	99+71.00	RT	CURB & GUTTER	101.7	LF	
DAVIS	99+21.00	99+71.00	LT	CURB & GUTTER	70.0	LF	
DAVIS	94+65.00	-	CENTERLINE	SAW CUT	25.00	LF	
DAVIS	95+55.30	-	RT	SAW CUT	58	LF	
DAVIS	95+55.30	-	RT	PCCP ENTRANCE	212.2	SY	
EX. STEPHENS	0+27.78	8+00.00	CENTERLINE	PAVEMENT REMOVAL	3,284.2	SY	
RTE. FF	33+42.00	39+28.96	LT	SAW CUT	570.00	LF	
EX. STEPHENS	8+00.00	-	CENTERLINE	SAW CUT	25.00	LF	
RTE. FF	35+14.00	-	LT	INLET	1	EA	
RTE. FF	36+93.00	-	LT	INLET	1	EA	
RTE. FF	37+42.00	-	LT	INLET	1	EA	
STEPHENS	106+00.00	-	RT	PCCP ENTRANCE	73.4	SY	
STEPHENS BLVD	-	-	BOTH	SIGNS, POSTS AND BASE CONCRETE	12	EA	
EX DAVIS BLVD	-	-	BOTH	SIGNS, POSTS AND BASE CONCRETE	3	EA	
EX DAVIS BLVD	-	-	BOTH	INLETS	2	EA	
EX DAVIS BLVD	-	-	BOTH	12" PIPES	25	LF	
TOTALS					1	LS	

CONTRACTOR FURNISHED SURVEYING AND STAKING TOTAL = 1 LUMP SUM

MOBILIZATION TOTAL = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING TOTAL = 2 EA

CLEARING AND GRUBBING					
ROUTE	STA.	STA.	LOCATION	ACRE	REMARKS
DAVIS BLVD	96+50.00	97+25.00	CL	0.20	
DAVIS BLVD	97+65.00	102+30.00	CL	0.53	
DAVIS BLVD	316+01.94	316+36.94	RT	2.24	
TOTALS				3.0	
USE				3.0	

CURB & GUTTER								
SHEET	ROUTE	STA.	STA.	LOCATION	C&G TYPE A 3' WIDE	C&G CITY OF JOPLIN 2.5' WIDE	4" TYPE 5 AGGREGATE BASE 4" THICK	REMARKS
					LF	LF	SY	
4	DAVIS BLVD	105+44.45	105+83.40	LT		292.4	81.2	
4	DAVIS BLVD	107+54.44	108+32.39	LT	116.7		32.4	
4	DAVIS BLVD	107+32.40	108+44.94	RT	157.6		43.8	
6	RTE FF	35+22.91	39+31.60	LT	409.2		113.7	
6	RTE FF	33+42.24	33+99.70	RT	57.5		16.0	
7	STEPHENS BLVD	5+06.84	9+74.84	RT		505.4	140.4	
TOTALS					741.0	797.8	427.5	
USE					741	798	428	

OPTIONAL PAVEMENT						
SHEET	ROUTE	STA.	STA.	OPTIONAL PAVEMENT	AGGR. BASE TYPE 5 6" THICKNESS	REMARKS
				SY	SY	
4	STEPHEN BLVD	5+15.74	9+74.84	1667.1	1667.1	INCLUDES FULL DEPTH SHOULDER
TOTALS				1667.1	1667.1	
USE				1667.1	1667	

ENTRANCES							
SHEET	ROUTE	STA.	LOCATION	PAVED APPROACH 8" THICK	4" TYPE 5 AGGREGATE BASE	LINEAR GRADING CLASS 1	REMARKS
				SY	SY	STA.	
4	DAVIS BLVD	95+68.00	RT	212.2	212.2	0.3	
4	DAVIS BLVD	99+20.00	RT	229.8	229.8	0.3	
4	DAVIS BLVD	104+00.56	RT	244.6	244.6	0.6	
4	DAVIS BLVD	105+61.95	LT	88.8	88.8	0.2	
4	STEPHENS BLVD	7+97.48	LT	141.1	141.1	0.3	
6	RTE FF	34+43.89	RT	206.2	206.2	0.3	
TOTALS				1122.7	1122.7	2.0	
USE				1123	1123	2.0	

1 ADDED

CONCRETE PAVEMENT						
SHEET	ROUTE	STA.	STA.	CONCRETE PAVEMENT 9" NON-REINFORCED 15' JOINTS	AGGR. BASE TYPE 5 6" THICKNESS	REMARKS
				SY	SY	
4	DAVIS BLVD	94+65.00	107+44.40	5454.5	5454.5	INCLUDES FULL DEPTH SHOULDER
6	ROUTE FF	35+11.93	39+13.52	428.9	428.9	RIGHT TURN LANE
TOTALS				5883.4	5883.4	
USE				5883.4	5883	

TRUNCATED DOMES, CURB RAMP, SIDEWALK, TYPE 1 AGGREGATE, ADA LINEAR GRADING, TURF TYPE TALL FESCUE SODDING, CURBS																									
SHEET	STATION	STATION	LOCATION	LT RT	TRUNC. DOMES	CURB RAMP					SIDEWALK								4" TYPE 1 AGGR.	ADA LINEAR GRADING	SOD	S-CURB			REMARKS
											S.W. WIDTH	* PAY WIDTH	4" SDWLK.	4" CUT THRU	4" BUS STOP	4" PASS AREA	8" SDWLK.	8" MODIFD. SDWLK.				INTEGRAL CURB	LESS/EQ 6" (1" - 6")	OVER 6" (6" - 12")	
						SF	LENGTH	WIDTH	TYPE	SY	LF	LF	SY	SY	SY	SY	SY	SY				* LF	SY	LF	
4	33+93.00	34+14.76	RTE FF	RT	27.0	7	6	N/A	13.8	6	6	33.6						47.4	33.8	8.9		35.6			
4	34+78.06	35+11.59	RTE FF	RT	19.4	7	6	N/A	11.2	6	6	12.2						23.4	45.6	10.9		94.1			
4	35+11.59	35+29.09	RTE FF	RT	9.6	7	6	N/A	9.8	6	6	6.0						15.8	29.5	8.2		17.5			
4	106+22.56	108+29.29	DAVIS BLVD	RT	9.6	5	5	N/A	10.2	5	5	165.1						175.3	216.8	39.4					
4	9+54.37	9+74.84	STEPHENS	RT							5	11.0						11.0	20.5	3.5					
TOTAL					65.6	--	--	--	45.0	--	--	227.9						*	272.9	346.2	70.9		147.2		
USE					66	--	--	--	45.0	--	--	227.9						*	273	347	71		148		
QTY IS INCLUDED IN 8" SW FOR PINNED-ON ISLANDS, IF NEED PVMNT REPAIR UNDERNEATH. SOD IS ESTIMATED AT 2.25' FOR CURB RAMP AREAS AND AT 1.5' FOR LONG SIDEWALK RUNS. * PAY WIDTH INCLUDES INTEGRAL CURB CONC. WIDTH/HEIGHT. SEE TYPICAL SHEET 1 FOR ALL PAY ITEM LIMITS.																									

STATE OF MISSOURI

MICHAEL WAYNE DUSENBERG

PROFESSIONAL ENGINEER

NUMBER E-28546

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
5/12/2025

ROUTE
FF

STATE
MO

DISTRICT
SW

SHEET NO.
3

COUNTY
JASPER

JOB NO.
J7S3059B

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION

ENTRANCE QUANTITY ADDED

DATE
5/12/2025

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 572-663-3161

CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING

WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRAINAGE STRUCTURES, PIPES, AND END SECTIONS														
SHEET	ROUTE	STA.	OFFSET	STA.	OFFSET	15 IN. PIPE	15 IN. PIPE	B6 ARCH.PIPE	15 IN. FES	15 IN. FES	42"X 29" FES	CLASS 3	ROCK	REMARKS
						GROUP A	GROUP B	GROUP B	GROUP A	GROUP B	GROUP B	EXC	LINING	
						(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(CY)	(CY)	
4	STEPHENS BLVD	5+61.34	45.11' LT	5+66.35	13.54' RT		59.0			1		0.0	2.0	P-4
4	STEPHENS BLVD	5+66.75	15.51' RT	5+71.77	41.04' RT		25.9			1		1.0	2.0	P-3
4	STEPHENS BLVD	5+67.58	14.34' RT	7+45.63	20.71' RT		172.7					3.5		P-2
4	STEPHENS BLVD	7+49.62	20.50' RT	9+20.47	18.89' RT		176.1					54.2		P-1
5	RTE FF	33+63.90	54.97' LT	34+00.73	55.80' LT		36.9					5.1	2.0	P-14
5	RTE FF	34+02.47	54.58' LT	34+86.17	55.88' LT	214.6			1			24.0		P-12
5	RTE FF	34+60.23	85.41' LT	34+86.48	58.22' LT		36.9					10.5		P-11
5	RTE FF	34+89.38	55.46' LT	34+98.74	45.54' LT		14.3					2.9		P-10
5	RTE FF	35+03.08	44.04' LT	35+32.61	41.01' LT		27.7					2.4		P-9
5	RTE FF	35+30.75	51.65' LT	35+32.61	42.01' LT		10.3					2.5		P-8
5	RTE FF	35+34.61	41.01' LT	36+27.16	41.00' LT		92.6					15.7		P-7
5	RTE FF	36+31.16	41.00' LT	37+40.19	41.00' LT		109.1					21.9		P-6
4	DAVIS BLVD	96+69.96	29.03' RT	96+70.00	22.92' LT			104.0			4	133.4	90.4	2- 52' PARALLEL CULVERTS
TOTALS						214.6	761.5	104.0	1.0	2.0	4.0	277.1	96.4	
USE						215	762	104	1	2	4	277	96	

DRAINAGE INLETS AND MANHOLES												
SHEET	ROUTE	STA.	OFFSET	2'X2' TYPE A INLET	4'X2' TYPE A INLET	PRECAST CONCRETE MANHOLE	CURVED VANE GRATE 2' X 2'	CURVED VANE GRATE 4' X 2'	MANHOLE FRAME AND COVER TYPE 4	ADA FRAME AND COVER	CLASS 3 EXC.	REMARKS
			(FT)	(FT)	(FT)	(FT)	(EA)	(EA)	(EA)	(EA)	(CY)	
4	STEPHENS BLVD	9+20.95	18.9' RT	4.0			1				18.3	I-1
4	STEPHENS BLVD	7+47.62	20.6' RT			4.0			1.0		8.9	MH-2
4	STEPHENS BLVD	5+66.55	14.5' RT	6.0			1				0.0	I-4
4	RTE FF	34+01.51	55.2' RT		4.0			1			5.4	I-14
4	RTE FF	34+60.23	85.4' LT		4.0			1			6.7	I-11
5	RTE FF	34+87.93	56.8' LT			5.0				1.0	8.1	MH-12
5	RTE FF	35+01.19	44.7' LT		4.0			1			1.4	I-10
5	RTE FF	35+30.74	52.1' LT	3.0			1				6.9	I-8
5	RTE FF	35+32.61	41.0' LT		4.0			1			2.5	I-9
5	RTE FF	36+29.16	41.0' LT		4.0			1			4.0	I-7
5	RTE FF	37+42.18	41.0' LT		4.0			1			4.0	I-6
TOTALS				13.0	24.0	9.0	3.0	6.0	1.0	1.0	66.2	
USE				13	24	9	3	6	1	1	66	

PERMANENT SEEDING AND MULCHING							
SHEET	ROUTE	STA.	STA.	LOCATION	COOL SEASON MIX		REMARKS
					SEEDING	MULCHING	
					ACRE	ACRE	
16	DAVIS BLVD	94+65.00	108+42.00	LT	1.744	1.744	
16	DAVIS BLVD	94+65.00	95+40.00	RT	0.015	0.015	
16	DAVIS BLVD	94+65.00	103+45.00	LT			1082.0
16	DAVIS/STEPHENS BLVD	94+65.00	9+74.00	LT	1.744	1.744	
16	DAVIS BLVD	95+89.00	108+42.00	RT	0.530	0.530	
16	DAVIS BLVD	96+06.00	103+83.00	RT			1119.0
16	STEPHENS BLVD	5+12.50	8+91.35	RT			1576.0
16	STEPHENS/DAVIS BLVD	9+74.00	106+63.00	LT	0.180	0.180	
16	RTE FF	34+60.00	39+25.00	LT	0.216	0.216	RT TURN LANE
TOTALS					4.43	4.43	3777.0
USE					4.4	4.4	3777

TEMPORARY SEEDING							
SHEET	ROUTE	STA.	STA.	LOCATION	SEEDING	MULCHING	REMARKS
					ACRES	ACRES	
16	DAVIS BLVD	94+65.00	108+42.00	LT	0.4	0.4	
16	DAVIS/STEPHENS BLVD	94+65.00	9+74.00	RT	0.4	0.4	
16	DAVIS BLVD	95+89.00	108+42.00	LT	0.1	0.1	
16	RTE FF	34+60.00	39+25.00	LT	0.1	0.1	
TOTALS					1.0	1.0	
USE					1.0	1.0	

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REVISED

ROCK BLANKET						
SHEET	ROUTE	LOCATION	TYPE 2 ROCK BLANKET (24" THICK)			REMARKS
			FURNISHING ROCK BLANKET	PLACING ROCK BLANKET	EROSION CONTROL GEOTEXTILE	
			CY	CY	SY	
4	DAVIS BLVD	CULVERT OUTLET	229.0	229.0	344.0	
TOTALS			229.0	229.0	344.0	
USE			229.0	229.0	344.0	

SUMMARY OF QUANTITES

SHEET 2 OF 5

STATE OF MISSOURI

MICHAEL WAYNE DUSENBERG

NUMBER E-28546

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
5/12/2025

ROUTE
FF

STATE
MO

DISTRICT
SW

SHEET NO.
3

COUNTY
JASPER

JOB NO.
J7S3059B

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION

REVISED QUANTITY

DATE
5/12/2025

REVISIONS

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101 PHONE 572-634-3161 CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING WWW.BARTLETTWEST.COM

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TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES									
SHEET	ROUTE	STA.	STA.	LOCATION	ROCK DITCH CHECK	CURB INLET CHECK	SILT FENCE	SEDIMENT REMOVAL	REMARKS
					LF	EA	LF	CY	
15	DAVIS BLVD	94+65.00	103+00.00	LT	170.0			17.0	17 ROCK DITCH CHECKS @ 50' SPACING
15	EX.DAVIS BLVD	96+17.00	99+70.00	LT	70.0			7.0	7 ROCK DITCH CHECKS @ 50' SPACING
15	EX.DAVIS BLVD	96+17.00	99+70.00	RT	30.0			3.0	3 ROCK DITCH CHECKS @ 50' SPACING
15	EX.DAVIS BLVD	96+17.00	99+70.00	RT	30.0			3.0	3 ROCK DITCH CHECKS @ 50' SPACING
15	DAVIS BLVD	96+82.00	105+66.00	RT			564.0	6.0	
15	DAVIS BLVD	103+20.29	103+80.41	RT			78.0	1.0	
15	DAVIS BLVD	104+20.25	107+72.16	RT			288.0	3.0	
15	DAVIS BLVD	107+65.58	-	LT		1.0		1.0	
15	DAVIS BLVD	107+85.82	-	LT		1.0		1.0	
15	DAVIS BLVD	108+16.00	-	RT	10.0			1.0	1 ROCK DITCH CHECK
15	DAVIS BLVD	108+16.13	-	RT		1.0		1.0	
15	STEPHENS BLVD	5+26.02	7+24.05	LT			255.0	3.0	
15	STEPHENS BLVD	5+38.81	9+74.84	LT			470.0	5.0	
15	STEPHENS BLVD	5+66.50	-	RT	10.0			1.0	1 ROCK DITCH CHECK
15	STEPHENS BLVD	5+66.50	-	LT	10.0			1.0	1 ROCK DITCH CHECK
15	STEPHENS BLVD	5+66.55	-	LT		1.0		1.0	
15	STEPHENS BLVD	9+21.51	-	LT		1.0		1.0	
15	RTE FF	32+00.73	-	LT		1.0		1.0	
15	RTE FF	32+01.27	-	RT		1.0		1.0	
15	RTE FF	33+50.00	39+20.00	LT				4.0	
15	RTE FF	33+50.00	34+00.00	RT			72.0	1.0	
15	RTE FF	34+81.00	35+36.00	RT			11.0	0.0	
15	RTE FF	35+01.19	-	LT		1.0		1.0	
15	RTE FF	35+14.77	-	RT		1.0		1.0	
15	RTE FF	35+30.77	-	LT		1.0		1.0	
15	RTE FF	35+32.63	-	LT		1.0		1.0	
15	RTE FF	35+46.90	-	LT		1.0		1.0	
15	RTE FF	36+29.45	-	LT		1.0		1.0	
15	RTE FF	37+41.11	-	RT		1.0		1.0	
15	RTE FF	37+42.21	-	LT		1.0		1.0	
TOTALS					330.0	15.0	1738.0	71.0	
USE					330	15	1738	71	
NOTE: SEDIMENT REMOVAL IS BASED ON 1 CY PER DITCH CHECK, 1 CY PER INLET CHECK, AND 1 CY PER 100 LINEAR FEET OF SILT FENCE.									

1

REVISED

EARTHWORK								
ROUTE	LOCATION	STA.	STA.	CLASS A EXCAVATION	COMPACTING EMBANKMENT	EMBANKMENT IN PLACE	SUBGRADE COMPACTION	REMARKS
				CY	CY	CY	100 LF	
DAVIS BLVD	CL	94+65.00	108+44.84	1619.0	1376.2	2550.8		OBTAIN 314.5 CY FROM BOX CULVERT EXCAVATION.
DAVIS BLVD	CL	94+65.00	96+05.05				1.4	
DAVIS BLVD	CL	105+70.09	108+44.84				2.7	
STEPHENS BLVD	CL	5+12.10	9+74.84	289.8	246.3	4993.0		
STEPHENS BLVD	CL	8+47.54	9+74.84				1.3	
ROUTE FF	RT	35+13.00	39+31.00	1006.8	855.8	-848.0		USE 848.0 CY AT DAVIS/STEPHENS BLVD
DITCH UPSTREAM OF BOX	LT	5+49.09	7+39.29	424.6	360.9	-122.7		USE 122.7 CY AT DAVIS/STEPHENS BLVD
8' FBD E/O OLD DAVIS	RT	95+96.60		1138.6	967.8	-967.8		USE 967.8 CY AT DAVIS/STEPHENS BLVD
TOTAL				4478.8	3807.0	5605.3	5.4	
USE				4479	3807	5605	5.4	

CONCRETE BARRIER						
SHEET	ROUTE	STA.	STA.	LOCATION	TYPE D CONCRETE BARRIER MOMENT SLAB	REMARKS
					LF	
4	DAVIS BLVD	104+37.60	107+92.93	RT	355.3	SEE JSP FOR DETAILS
TOTALS					355.3	
USE					355	

MSE RETAINING WALL									
SHEET	ROUTE	STA.	STA.	LOCATION	LENGTH	HEIGHT	MSE WALL	TYPE A GUTTER	REMARKS
							SF	LF	
6	FF	35+28.50	39+00.00	LT	371.5	4.0	2229.0	370.0	
TOTALS							2229.0	370.0	
USE							2229.0	370.0	

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JEFFERSON CITY, MO 65102

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES

1. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 94+65.00 TO STA. 108+71.92 ALONG RELOCATED DAVIS BLVD., A DISTANCE OF 0.266 MILES, AND FROM STA. 33+42.00 TO STA. 39+31.60 ALONG ROUTE FF, A DISTANCE OF 0.112 MILES.
2. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
3. ALL UTILITIES SHALL NOT BE DISTURBED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
4. ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.
5. SEE SHEETS 7-9 FOR R/W INFORMATION.

TESORO INVESTMENTS
NO ACQUISITION

BUILD BRIDGE #A9696
3(11'x 7') CONCRETE BOX CULVERT
STA. 102+90.63 TO STA. 103+34.17
SKEW 36° LA
SQUARE END SECTION
CL. 4 EXC.=368 CY
ROCK LINING=233 CY

IMPROVEMENTS BEGIN AT
STA. 94+65.00 @ DAVIS BLVD.
AT POINT LOCATED 608.54' NORTH
AND 2835.09' WEST OF THE CORNER
OF SECTION 18, T27N R32W

CURVE DATA LABELS ARE LOCATED
ON THE CIVIL GEOMETRY PLAN SHEET
SHEET 1 OF 1

ENTRANCES

- (A) - STA. 95+68.00 RT
CONSTRUCT 213 SY ENTRANCE
57.85' WIDE PAVED SURFACE
- (B) - STA. 104+00.56 RT
CONSTRUCT 245 SY ENTRANCE
35' WIDE PAVED SURFACE
- (C) - STA. 105+61.95 LT
CONSTRUCT 89 SY ENTRANCE
24' WIDE PAVED SURFACE
- (D) - STA. 7+97.37 LT-STEPHENS BLVD
CONSTRUCT 141 SY ENTRANCE
24' WIDE PAVED SURFACE
- (E) - STA. 34+43.89 RT-RTE FF
CONSTRUCT 206 SY PAVED APPROACH
88' WIDE PAVED SURFACE
- (F) - STA. 99+20.00 RT-DAVIS BLVD
CONSTRUCT 230 SY PAVED APPROACH
60' WIDE PAVED SURFACE

TEMP. CONST.
ESMT.

1 ADDED

2
DEFAM-THREE
SEE SHEET 8 FOR R/W INFO.

100

95

105

END STA 9+74.84

NEW STEPHENS BLVD @

I-1

R/W LINE

P-1

REMOVE EXISTING
PAVEMENT

PT STA 8+24.72

R/W LINE

MH-2

P-2

SL

P-3

I-3

EXISTING
CITY R/W

(R)

REMOVE EXISTING
PAVEMENT

R/W LINE

+63.00
END SIDEWALK

PT STA 106+63.08

SIDEWALK

(R)

I-11

P-11

(R)

MH-12

(R)

P-10

I-10

P-9

I-8

(R)

TYPE S CURB

(E)

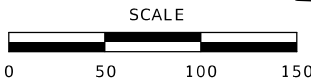
TYPE S CURB

SECTION LINE

PLAN SHEET
SHEET 1 OF 3

IMPROVEMENTS END AT
STA. 108+71.92 @ DAVIS BLVD.
AT POINT LOCATED 48.69' NORTH
AND 1880.97' WEST OF THE CORNER
OF SECTION 18, T27N R32W

STA. 34+34.90 @ ROUTE FF =
STA. 108+71.92 @ DAVIS BOULEVARD



3A

GENERAL MILLS OPERATIONS INC.
SEE SHEET 8 FOR R/W INFO.

EXIST. R/W

BRIDGE #A9696
TIE STATION
103+12.09
AT CENTERLINE
OF BOX CULVERT

PERM. ESM'T
(DRAINAGE)

30

STA. 102+36.52 TO STA.
103+27.88 RELOC. DAVIS BLVD.
TYPE 2 ROCK BLANKET

1 ADDED

R/W LINE

EOS

EOP

SL

NEW DAVIS BLVD @

4' FLAT BOTTOM DITCH

EX. UTILITY ESM'T

16' FLAT BOTTOM DITCH

DEFAM-THREE

SEE SHEET 8 FOR R/W INFO.

100

95

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

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PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

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PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA 94+65.00

PC STA 95+20.99

SL

TEMP. CONST.
ESMT.

+15.00
18.00'

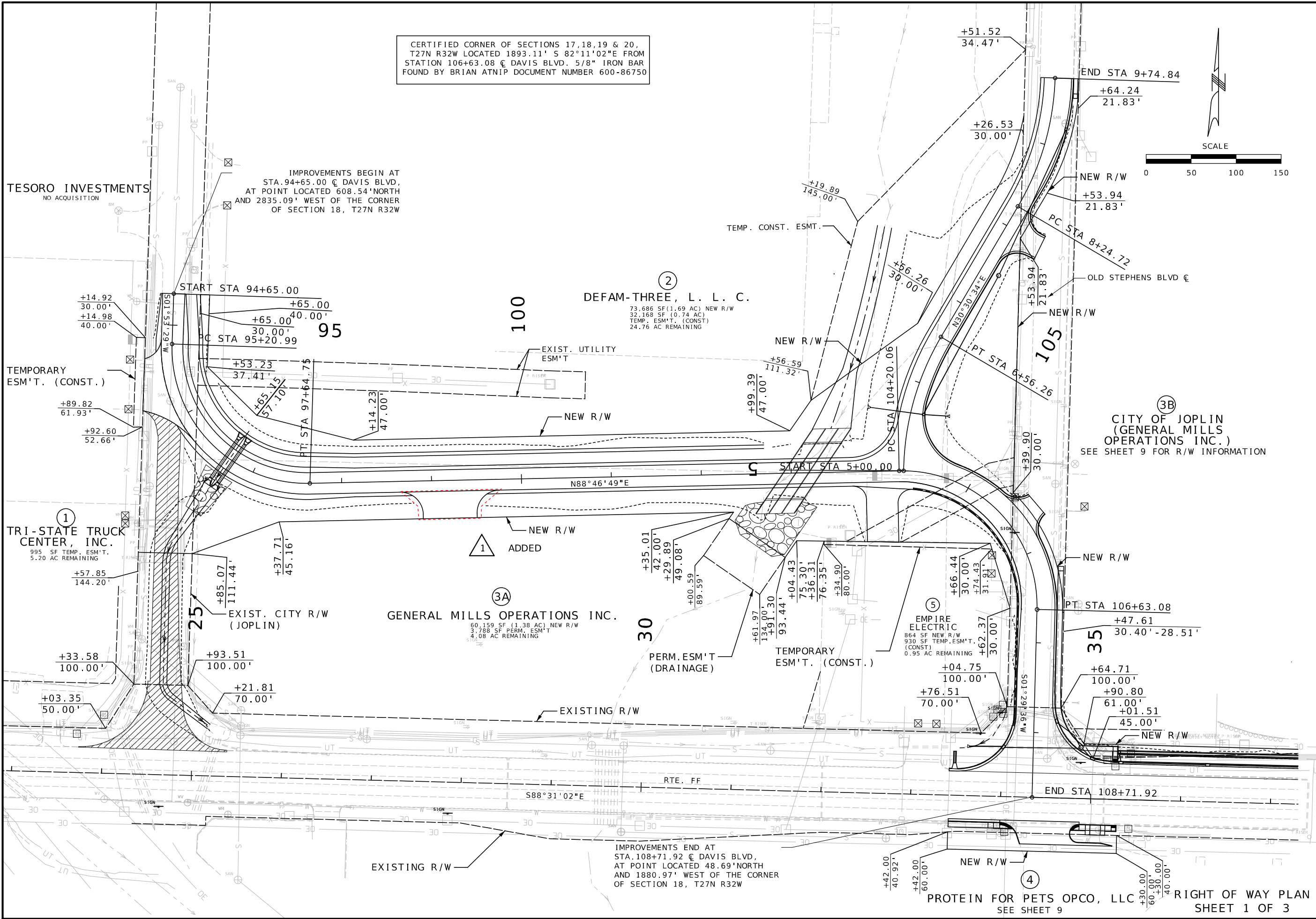
+15.00
18.00'

SE 1/4 SW 1/4 SEC 18
T27N R32W

SW 1/4 SE 1/4 SEC 18
T27N R32W

SECTION LINE

START STA



STATE OF MISSOURI

MICHAEL WAYNE DUSENBERG

NUMBER 1-28546

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
ELECTRONICALLY SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
5/12/2025

ROUTE
FF

STATE
MO

DISTRICT
SW

SHEET NO.
7

COUNTY
JASPER

JOB NO.
J753059B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
5/12/2025	ENTRANCE ADDED

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 572-634-3161

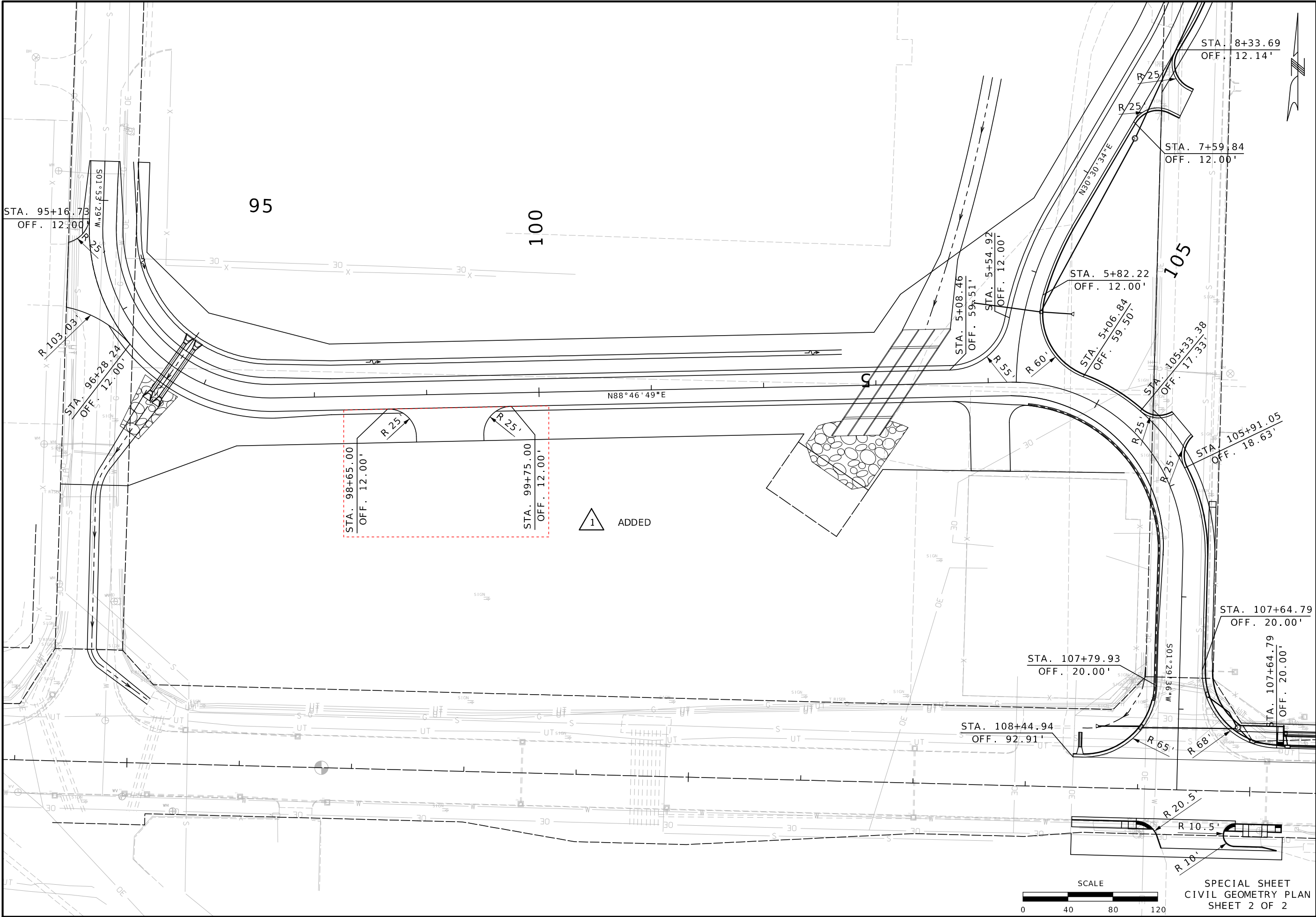
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING

WWW.BARTLETTWEST.COM

REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.G40 - Jasper FF - Davis Boulevard/OpenRoads Designer/plan_sheets/3_Final Plans/007_RW_01_OF_03_1753059B_150.dgn 12:35:48 PM 5/12/2025



STATE OF MISSOURI

MICHAEL WAYNE DUSENBERG

NUMBER F-28546

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

5/12/2025

ROUTE

FF

STATE

MO

DISTRICT

SW

SHEET NO.

12

COUNTY

JASPER

JOB NO.

J7S3059B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
5/12/2025	ENTRANCE ADDED

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

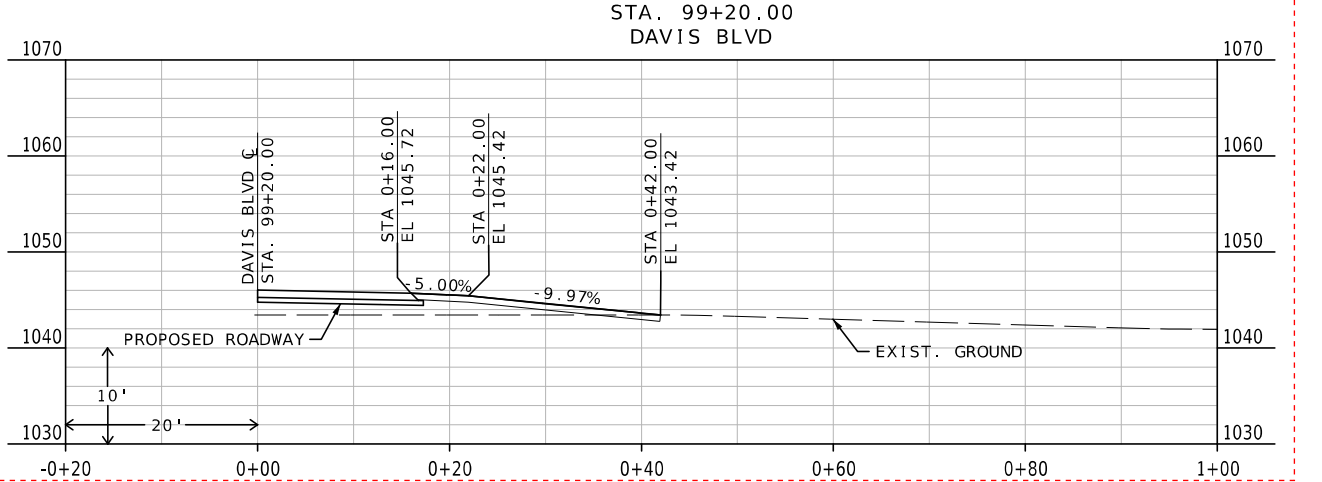
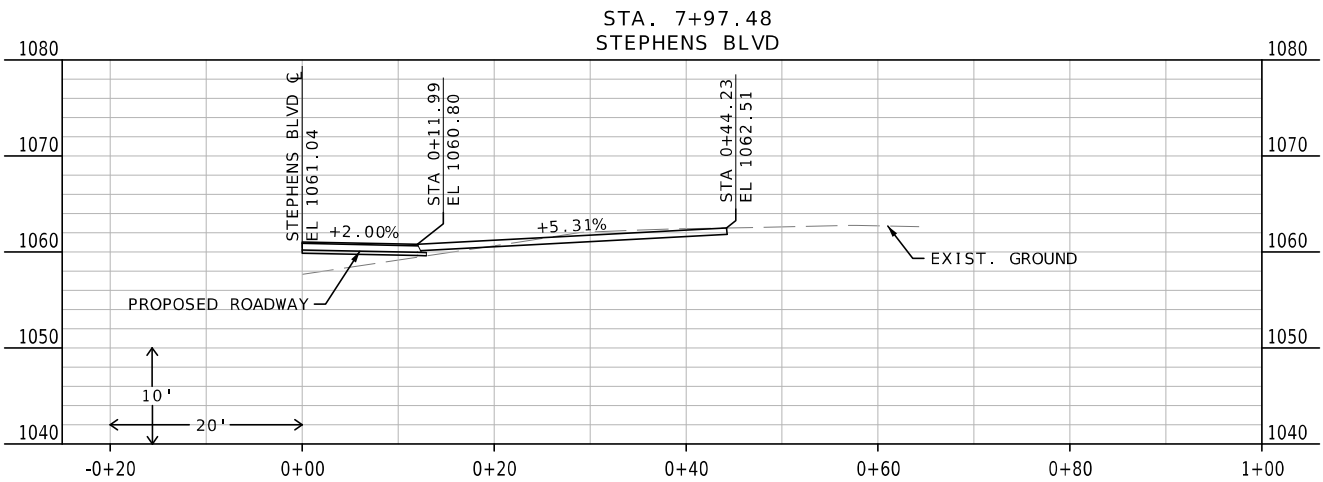
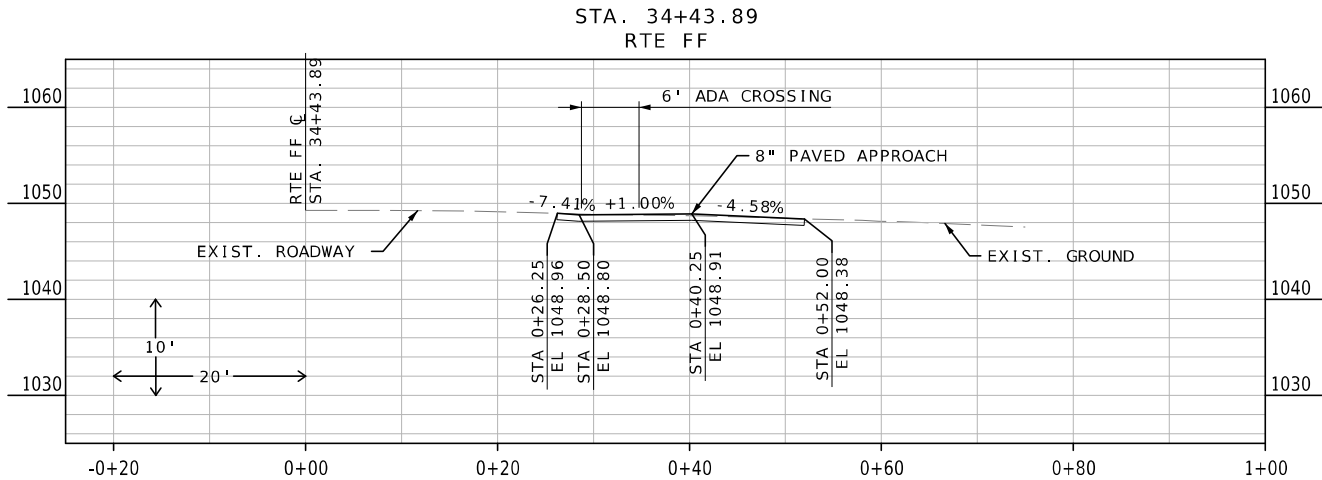
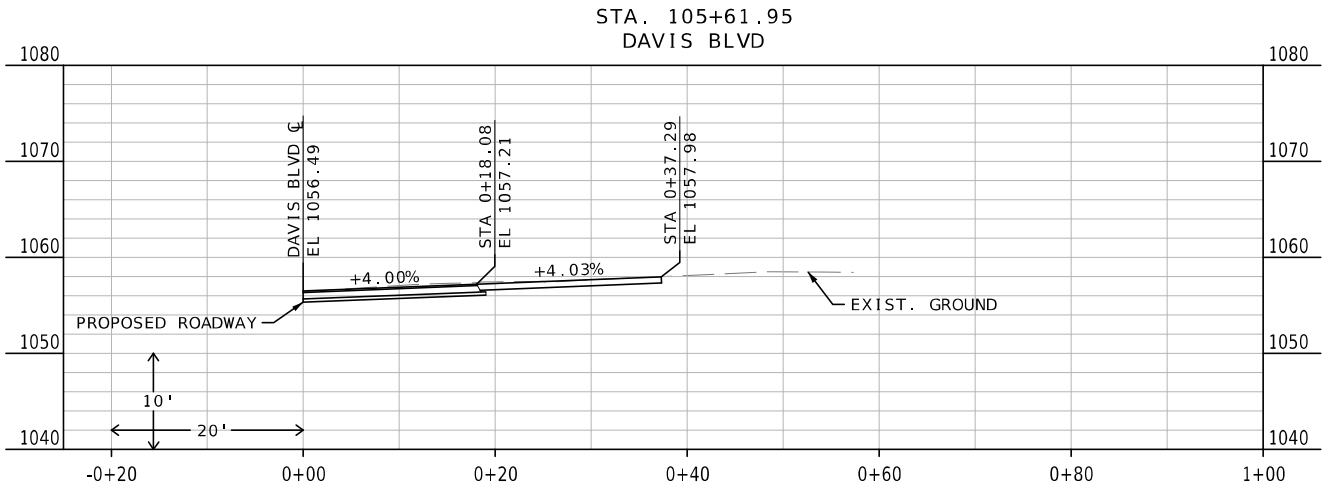
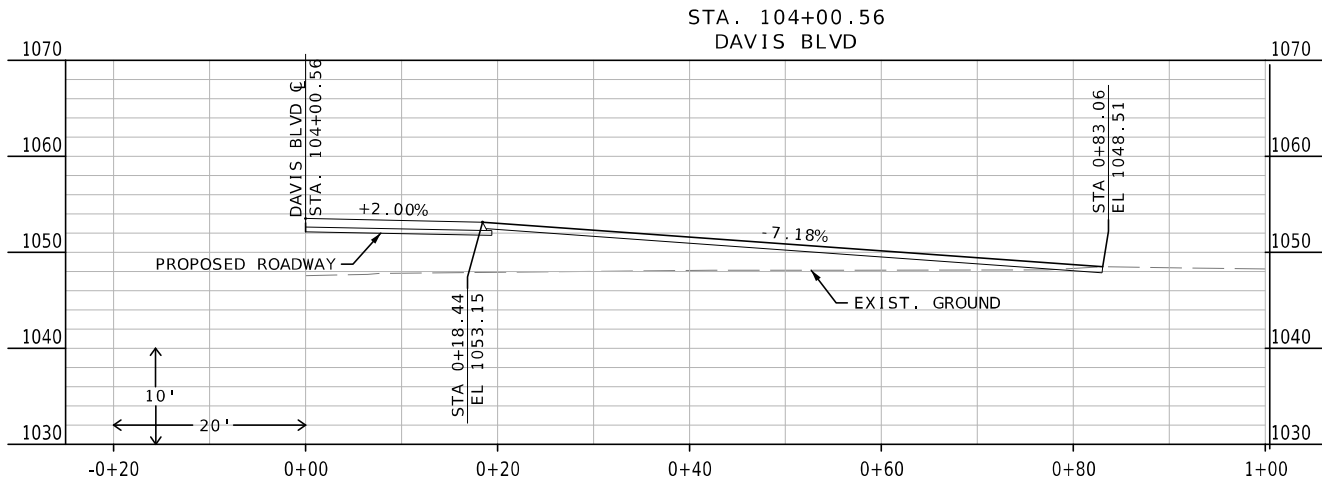
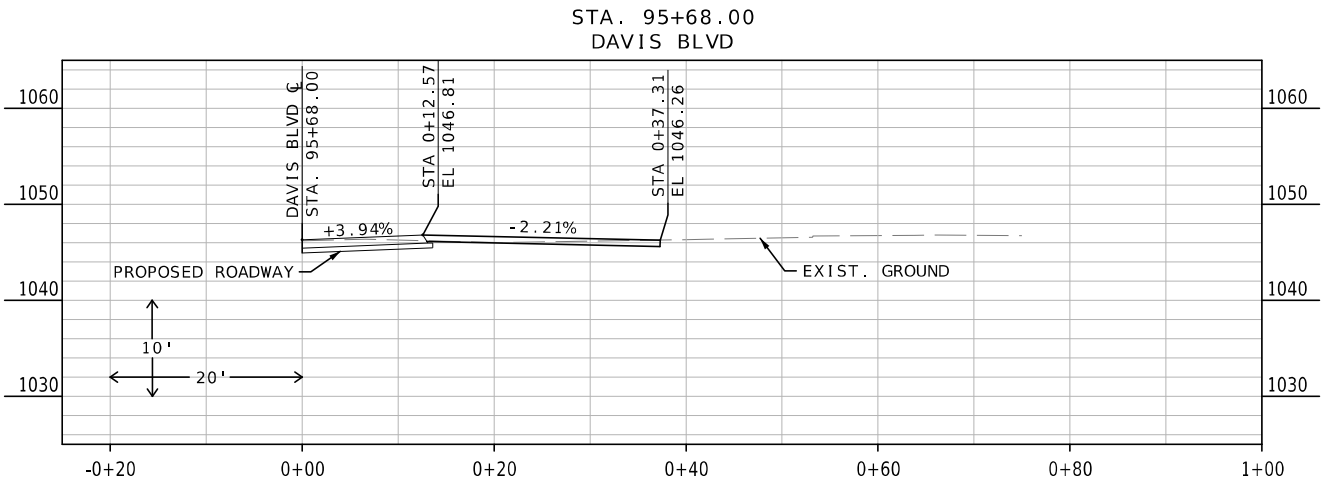


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

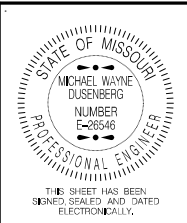
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.G40 - Jasper FF - Davis Boulevard/OpenRoads Designer/plan_sheets/3_Final Plans/012_SS_02_OF_02_17S3059B_140.dgn 11:45:15 AM 5/12/2025



1 ADDED

SPECIAL SHEET
DRIVE PROFILES
SHEET 1 OF 1



DATE PREPARED
5/12/2025
ROUTE FF STATE MO
DISTRICT SW SHEET NO. 13
COUNTY JASPER
JOB NO. J7S3059B
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
5/12/2025	DRIVE PROFILE ADDED

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SHEET 1 OF 1

	ALTERNATE DITCH CHECK
	CURB INLET CHECK
	ROCK DITCH CHECK
	SEDIMENT TRAP
	SILT FENCE
	TYPE 2 REINFORCEMENT MAT

```
1576 SY TYPE 2
REINFORCEMENT MAT
```

470 LF SILT FENCE

END STA 9+74.84

1576 SY TYPE 2
REINFORCEMENT M

470 LF SILT FENCE

PC STA 8+24.72

PT STA 6+56.26

START/STA 5+00.00

— 17 ROCK DITCH CHECKS
SPACED @ 50'

— 1082 SY TYPE 2
REINFORCEMENT MAT

—564 LF SILT FENCE

1 REVISED

78 LF SILT FENCE-

288 LF SILT FENCE—

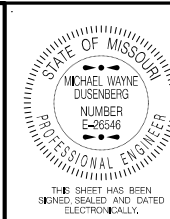
PT STA 106+63.08

END STA 108+71.92

—11 LF SILT FENCE

SCALE

EROSION CONTROL SHEET
SHEET 1 OF 1



DATE PREPARED
5/12/2025

ROUTE	STAT
F.F	MO

DISTRICT	SHEET
S.W	23

COUNTY
JASPER

JOB NO.
J7S3059B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

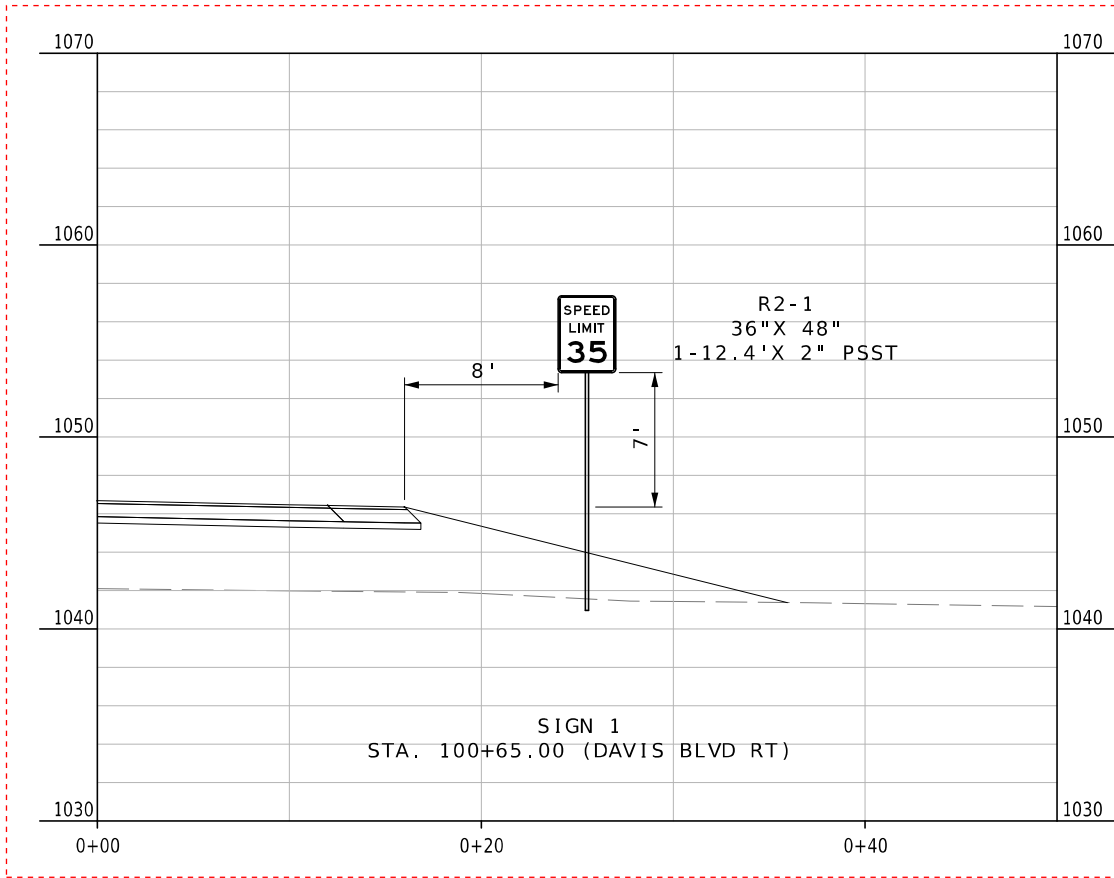
DATE	DESCRIPTION
1/12/2025	REVISED QUANTITIES
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

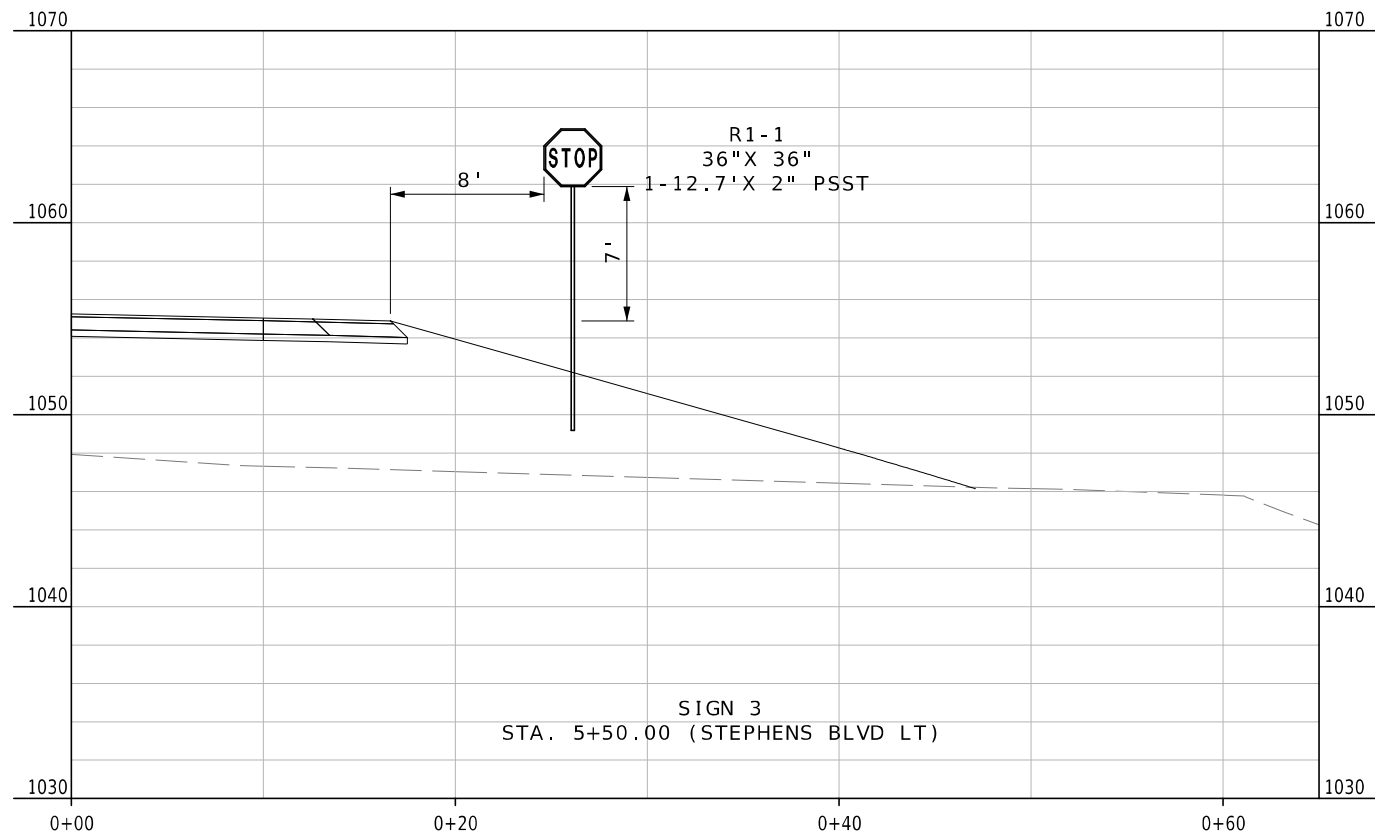
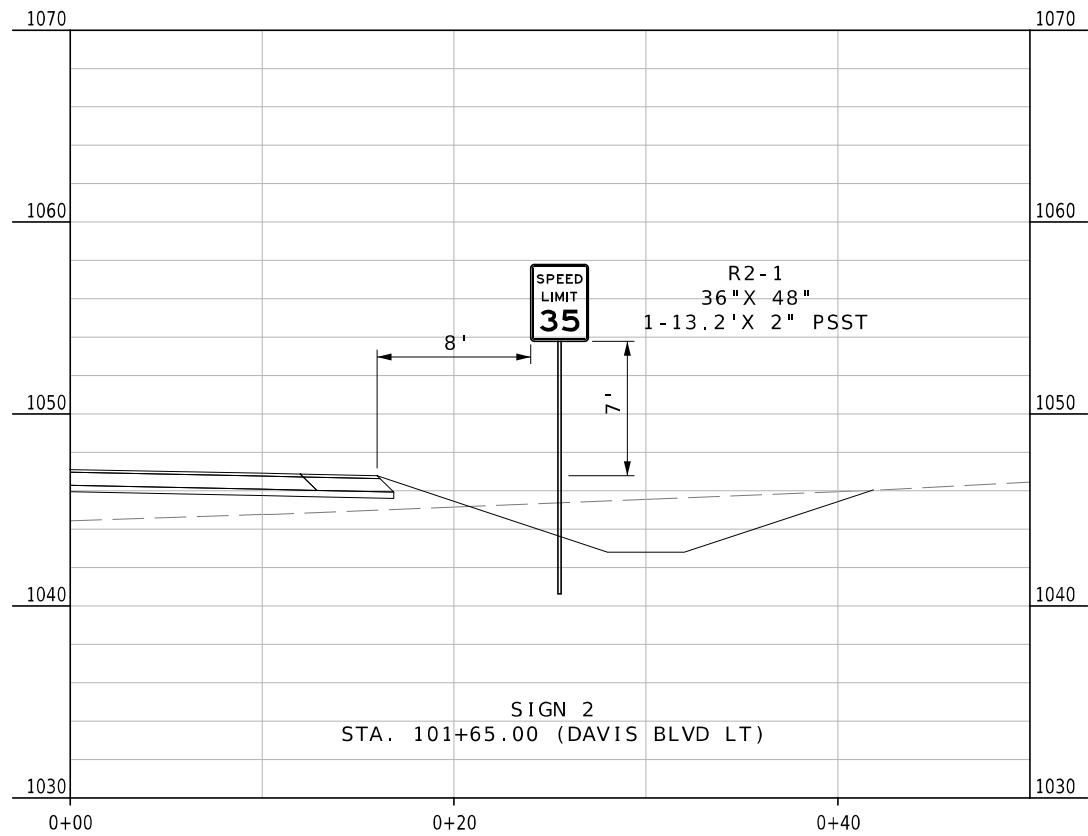
Bartlett & West

501 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.RAPTI.ETTWEEST.COM

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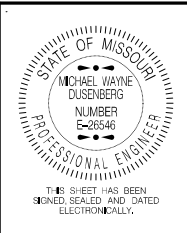


1 REVISED



NOTES:
1) ALL SIGN CROSS SECTION ARE CUT IN THE DIRECTION OF TRAVEL.

SIGNING SHEET
SHEET 2 OF 3



DATE PREPARED
5/12/2025
ROUTE FF STATE MO
DISTRICT SW SHEET NO. 38
COUNTY JASPER
JOB NO. J7S3059B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
5/12/2025	REVISED SIGNING PROFILE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGNS					CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS*					PIPE POSTS*					BACKING BARS**				U- CHANNEL POST	PERFORATED SQUARE STEEL TUBE														EFFECTIVE: 07-01-2024		REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET						SIGN DTL SHT NO.	ITEM NO. 9031010 CY	POST DES NO.	POST NO.1 LF	POST NO.2 LF	POST NO.3 LF	LBS PER FT	TOTAL ITEM NO. 9031210 LBS	PIPE SIZE IN	POST NO.1 LF	POST NO.2 LF	LBS PER FT	TOTAL ITEM NO. 9031220 LBS	2" X 3/8" BARS AT 2.55 LBS/FT				ITEM NO. 9031250A LF	2-INCH POST			2.5-INCH POST				BREAK - AWAY ASSEMBLY ITEM NO. 9031241 EACH						
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION															NO.		LGTH	TOTAL		TOTAL	EACH	IN.	LF	LBS	EACH	IN.		LF	EACH	CONCRETE 7 GA. ITEM NO. 9031274 EACH	CONCRETE 7 GA. ITEM NO. 9031273A EACH	CONCRETE 7 GA. ITEM NO. 9031274 EACH	
1	36"X 48"	100+65.00	STD	RT																		15		15	1												
2	36"X 48"	101+65.00	STD	LT																		15		15	1												
3	36"X 36"	5+50.00	STD	LT																		15		15	1												
1 REVISED				SUBTOTAL																																	
				TOTAL																																	

*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		WEIGHT		STUB LENGTH		CONCRETE
(IN.)		LBS/FT	LBS/IN			
2½		5.79	0.48	4'- 3½"	12"	4-6"
4		10.79	0.90	5'- 3½"	18"	5-6"

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST					FOOTING								
POST DES. NO.	NOM. SIZE	WEIGHT		STUB LENGTH	DIA.	LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN			DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	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

STANDARD SIGN ASSEMBLIES																			
SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																			
SIGN NO.	STATION OR LOG MILE	LOCATION	SHR2L-1	SHR2L-1															
			STOP R1-1 36"X 36"	SPEED LIMIT 35 R2-1 36"X 48"															
1	100+65.00	RT		1															
2	101+65.00	LT		1															
3	5+50.00	LT	1																
TOTALS			1	2															

1

REVISED

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	FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A
R1-1 (STOP)		1	36"X 36"	9.0							
R2-1 (SPEED LIMIT)		2	36"X 48"	24.0							
TOTALS				33.0							

*ORANGE, YELLOW AND YELLOW-GREEN

STATE OF MISSOURI

MICHAEL WAYNE DUSENBERG

NUMBER 5-26546

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
5/12/2025

ROUTE
FF

STATE
MO

DISTRICT
SW

SHEET NO.
39

COUNTY
JASPER

JOB NO.
J7S3059B

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

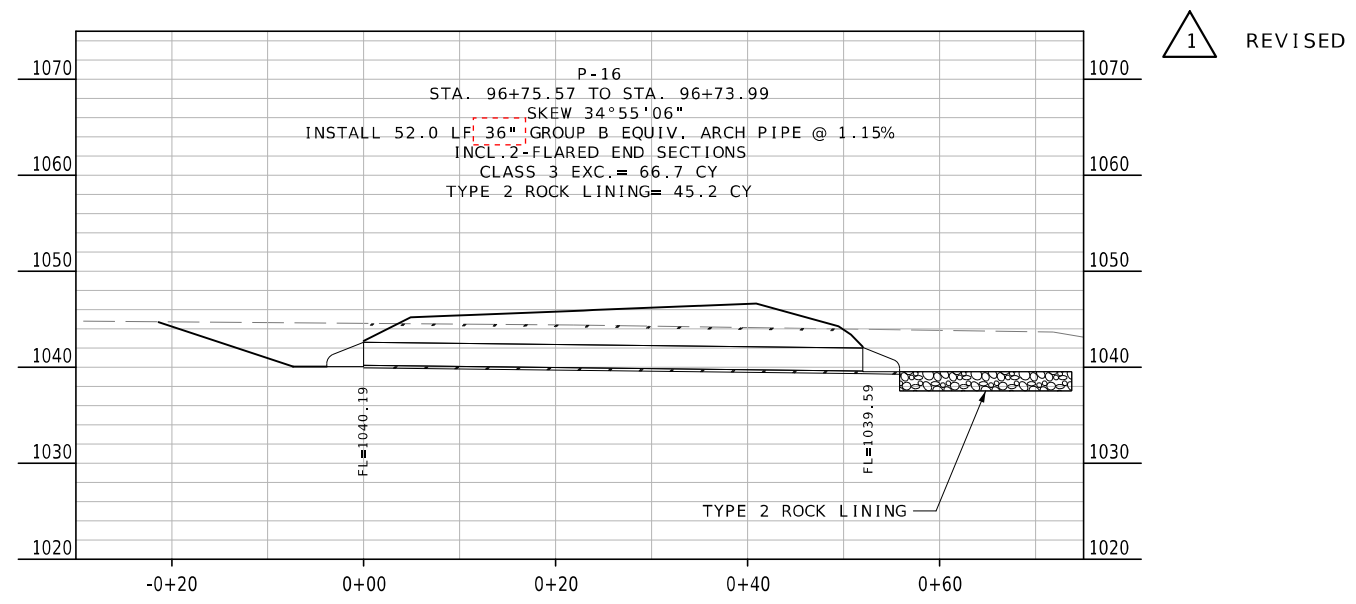
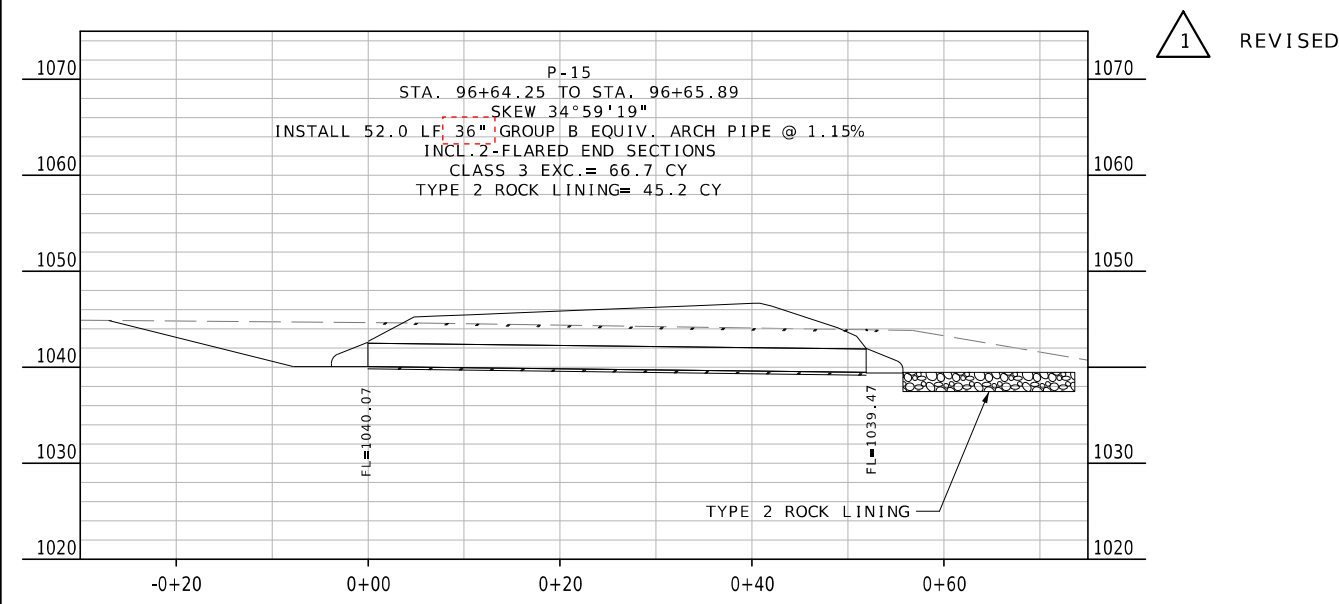
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIGNING SHEET
SHEET 3 OF 3

D-30



CULVERT SECTION SHEET
SHEET 3 OF 3

DATE PREPARED 5/12/2025	
ROUTE FF	STATE MO
DISTRICT SW	SHEET NO. 44
COUNTY JASPER	
JOB NO. J7S3059B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
5/12/2025	REVISED CULVERT SECTION NOTE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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