

DESIGN DESIGNATION

ROUTE W (COOPER CO.)
 A.A.D.T. - 2024 = 129
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE T (COOPER CO.)
 A.A.D.T. - 2024 = 119
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE KK (COOPER CO.)
 A.A.D.T. - 2024 = 44
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE PP (COOPER CO.)
 A.A.D.T. - 2024 = 119
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE BB (COOPER CO.)
 A.A.D.T. - 2024 = 478
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE NN (COOPER CO.)
 A.A.D.T. - 2024 = 139
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE HH (COOPER CO.)
 A.A.D.T. - 2024 = 197
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE CC (COOPER CO.)
 A.A.D.T. - 2024 = 109
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE OO (COOPER CO.)
 A.A.D.T. - 2024 = 424
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE H (COOPER/MONITEAU CO.)
 A.A.D.T. - 2024 = 200
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

ROUTE MM (MONITEAU CO.)
 A.A.D.T. - 2024 = 170
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE P (MONITEAU CO.)
 A.A.D.T. - 2024 = 194
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

ROUTE PP (MORGAN CO.)
 A.A.D.T. - 2024 = 77
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR

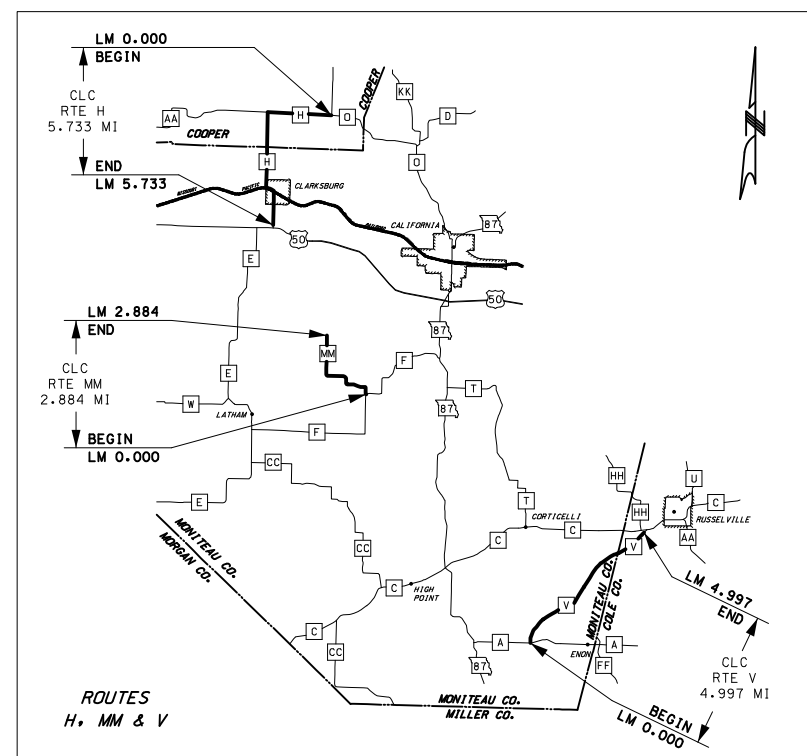
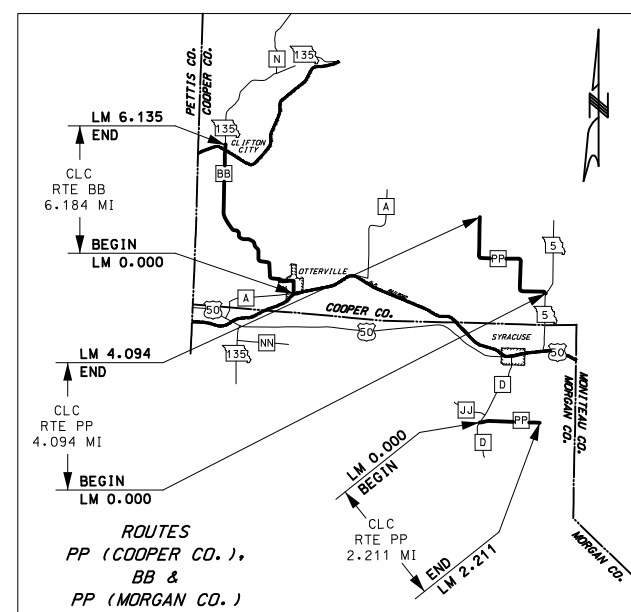
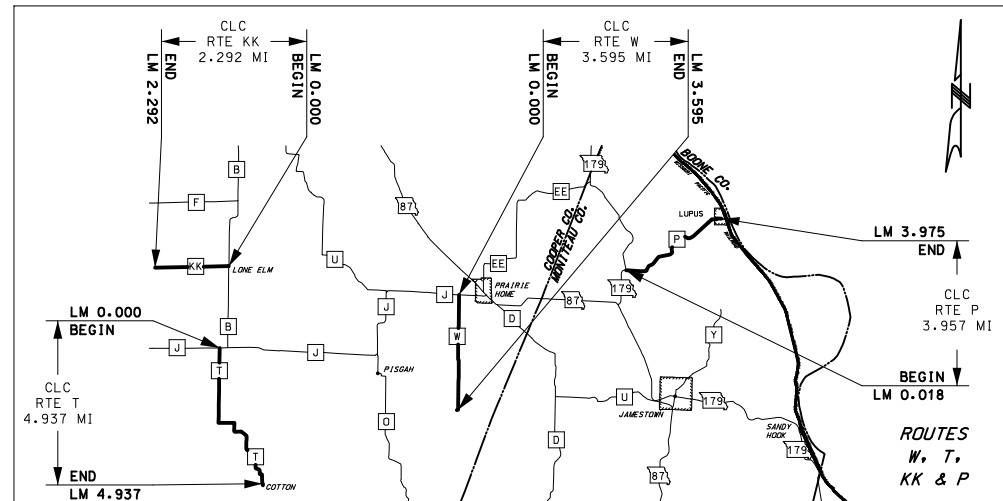
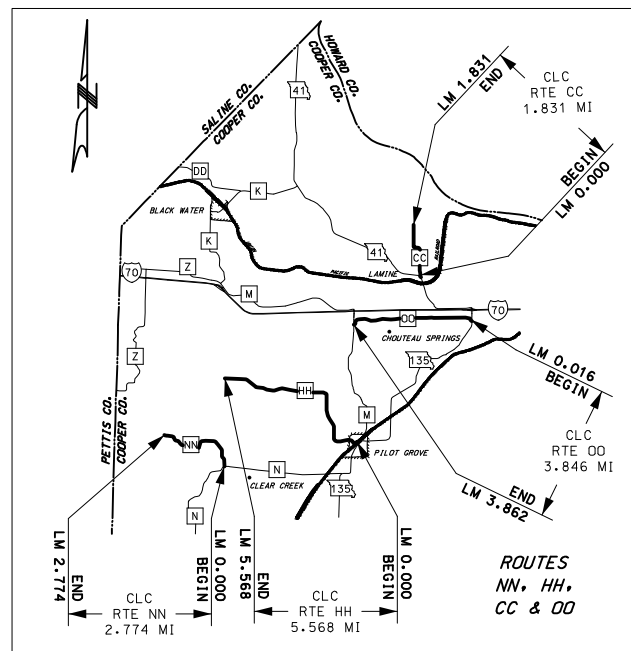
ROUTE V (MONITEAU/COLE CO.)
 A.A.D.T. - 2024 = 642
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW RIGHT OF WAY



**KEY MAP
 LOCATION OF
 COOPER, MONITEAU,
 MORGAN & COLE COUNTIES**

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 PLANS FOR PROPOSED
 STATE HIGHWAY
 COOPER, MONITEAU, MORGAN & COLE COUNTIES**



ROUTE PP (MORGAN CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 2.211
APPARENT LENGTH	2.211 MILES
EQUATIONS AND EXCEPTIONS:	
A8632 (LM 0.961 TO LM 0.980)	-100.32 FT

ROUTE OO (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.016
END OF PROJECT	LOG MILE 3.862
APPARENT LENGTH	3.846 MILES
EQUATIONS AND EXCEPTIONS:	
G0365 (LM 2.946 TO LM 2.967)	-110.88 FT

ROUTE H (COOPER/MONITEAU CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 5.733
APPARENT LENGTH	5.733 MILES
EQUATIONS AND EXCEPTIONS:	
RR CROSSING (LM 4.645 TO LM 4.650)	-26.40 FT

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (3 SHEETS)---	2
QUANTITIES (QU) (6 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-7
TRAFFIC CONTROL SHEETS (TC)-----	8-12

LENGTH OF PROJECT

ROUTE W (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 3.595
APPARENT LENGTH	3.595 MILES

ROUTE T (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 4.937
APPARENT LENGTH	4.937 MILES

ROUTE KK (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 2.292
APPARENT LENGTH	2.292 MILES

ROUTE PP (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 4.094
APPARENT LENGTH	4.094 MILES

ROUTE BB (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 6.135
APPARENT LENGTH	6.135 MILES

ROUTE NN (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 2.774
APPARENT LENGTH	2.774 MILES

ROUTE HH (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 5.568
APPARENT LENGTH	5.568 MILES

ROUTE CC (COOPER CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 1.831
APPARENT LENGTH	1.831 MILES

ROUTE MM (MONITEAU CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 2.884
APPARENT LENGTH	2.884 MILES

ROUTE P (MONITEAU CO.)	
BEGINNING OF PROJECT	LOG MILE 0.018
END OF PROJECT	LOG MILE 3.975
APPARENT LENGTH	3.957 MILES

ROUTE V (COLE/MONITEAU CO.)	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 4.997
APPARENT LENGTH	4.997 MILES

TOTAL CORRECTIONS	
TOTAL CORRECTIONS	-380.16 FEET

NET LENGTH OF PROJECT	
NET LENGTH OF PROJECT	289,248.96 FEET

STATE LENGTH	
STATE LENGTH	54.782 MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES



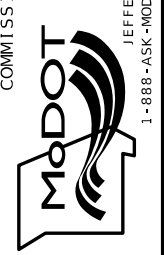
DATE PREPARED
 8/5/2024
 ROUTE VARIOUS
 DISTRICT CD
 SHEET NO. 1

COUNTY VARIOUS
 JOB NO. JST0096
 CONTRACT ID.

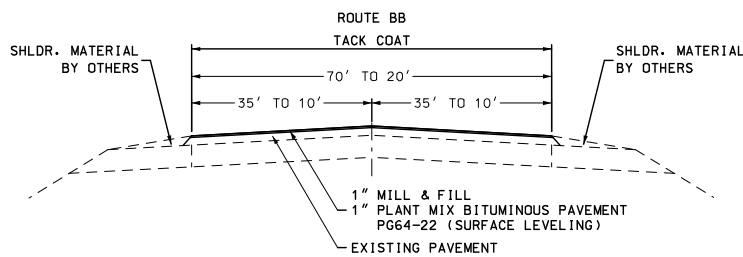
BRIDGE NO.

DATE	DESCRIPTION

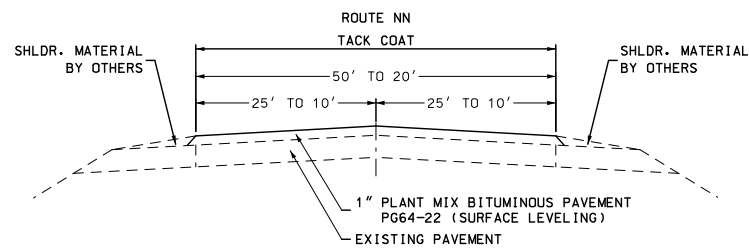
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



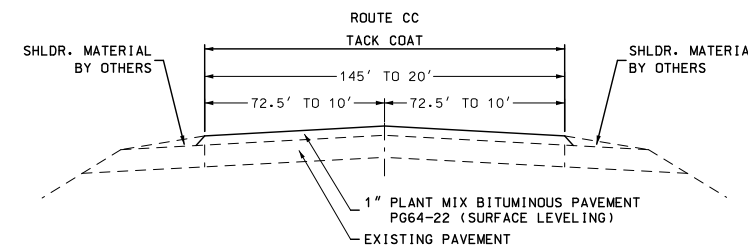
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.



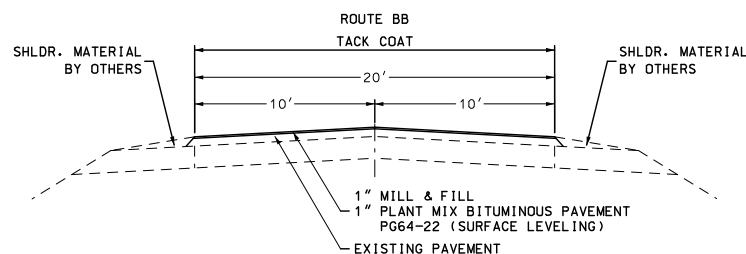
ROUTE BB (COOPER CO.)
TYPICAL SECTION
LM 0.403 TO LM 0.409 (1" MILL/FILL)



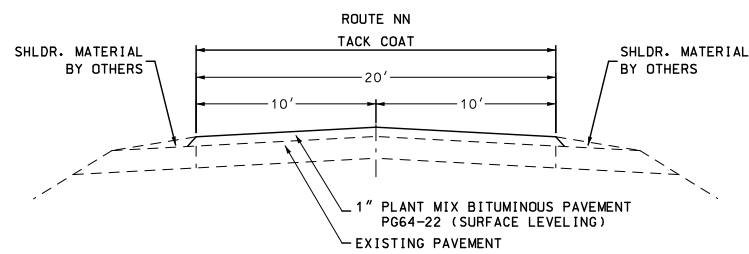
ROUTE NN (COOPER CO.) (RT. ENTRANCE ONLY)
TYPICAL SECTION
LM 0.008 TO LM 0.017



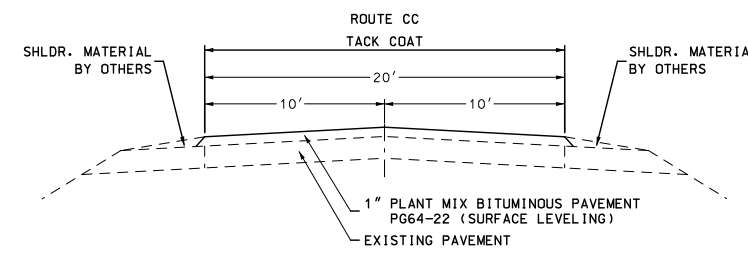
ROUTE CC (COOPER CO.)
TYPICAL SECTION
LM 0.000 TO LM 0.012



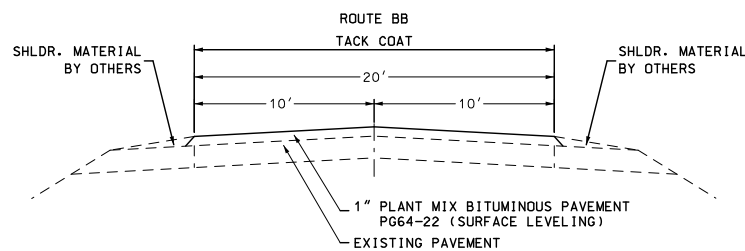
ROUTE BB (COOPER CO.)
TYPICAL SECTION
LM 0.409 TO LM 0.617 (1" MILL/FILL ENDS)



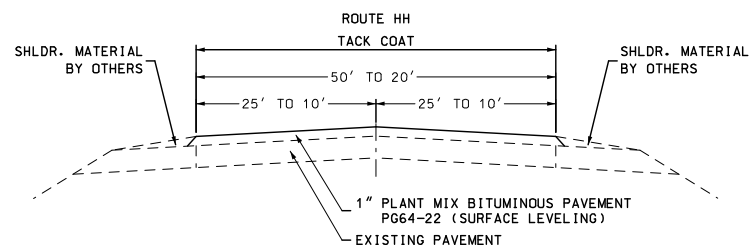
ROUTE NN (COOPER CO.)
TYPICAL SECTION
LM 0.017 TO LM 2.774



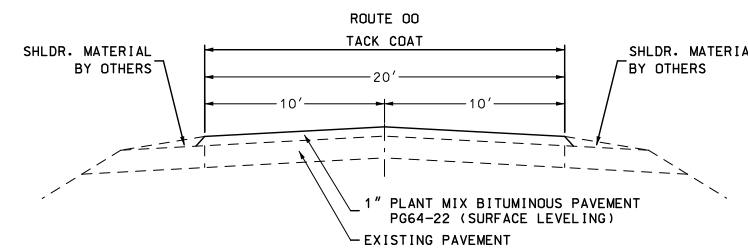
ROUTE CC (COOPER CO.)
TYPICAL SECTION
LM 0.012 TO LM 1.831



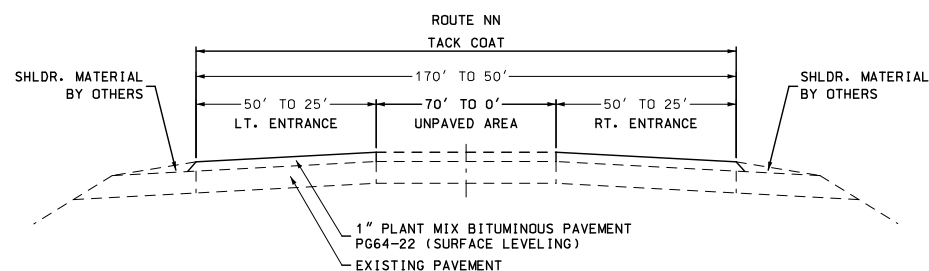
ROUTE BB (COOPER CO.)
TYPICAL SECTION
LM 0.617 TO LM 2.376
LM 2.376 TO LM 2.392 (EXCEPTION: BRIDGE N0982)
LM 2.392 TO LM 6.135



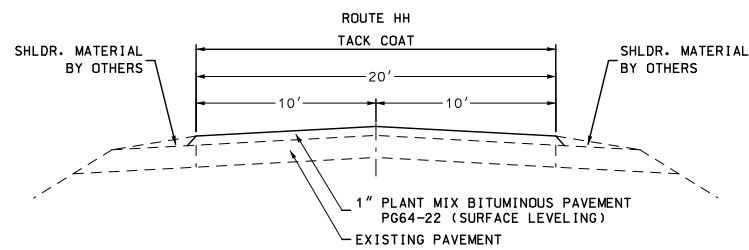
ROUTE HH (COOPER CO.)
TYPICAL SECTION
LM 0.000 TO LM 0.009



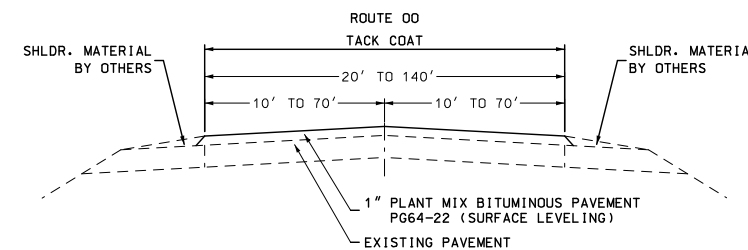
ROUTE OO (COOPER CO.)
TYPICAL SECTION
LM 0.016 TO LM 2.946
LM 2.946 TO LM 2.967 (EXCEPTION: BRIDGE G0365)
LM 2.967 TO LM 3.852



ROUTE NN (COOPER CO.) (LT. & RT. ENTRANCE)
TYPICAL SECTION
LM 0.000 TO LM 0.008



ROUTE HH (COOPER CO.)
TYPICAL SECTION
LM 0.009 TO LM 4.807
LM 4.807 TO LM 4.818 (EXCEPTION: BRIDGE A9034)
LM 4.818 TO LM 5.568



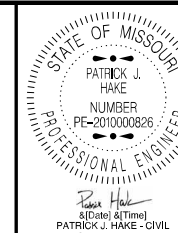
ROUTE OO (COOPER CO.)
TYPICAL SECTION
LM 3.852 TO LM 3.862

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TONS/YD ³
TACK COAT (SURFACE LEVELING)	0.08 GAL/YD ²
TACK COAT (COLDMILLING ASPHALT)	0.10 GAL/YD ²

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

NOT TO SCALE

TYPICAL SECTIONS
SHEET 2 OF 3



DATE PREPARED
8/5/2024

ROUTE VARIOUS STATE MO
DISTRICT CD SHEET NO. 2

COUNTY VARIOUS

JOB NO. JST0096

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)

1" SURFACE LEVELING (PG64-22), TACK & GRAVEL TOTALS FOR ALL ROUTES

LOG MILE	LOG MILE	LOCATION	1" SURFACE LEVELING (PG64-22) (1.98 TON/CY)	TACK (GAL)	GRAVEL (A) CRUSHED STONE (B) (TONS)	REMARKS
COOPER COUNTY						
0.000	3.595	RTE. W	3052.8	3404	188	BEGIN AT RTE J / END AT SME
0.000	4.937	RTE. T	4176.5	4658	176	BEGIN AT RTE J / END AT SME
0.000	2.292	RTE. KK	1934.2	2157	133	BEGIN AT RTE B / END AT SME
0.000	4.094	RTE. PP	3463.4	3863	193	BEGIN AT RTE 5 / END AT SME
0.000	0.332	RTE. BB	5190.2	5940	487	BEGIN AT RTE. A / END AT SME
0.000	2.774	RTE. NN	1825.4	2634	133	BEGIN AT RTE. N / END AT SME
0.000	5.568	RTE. HH	4684.4	5224	336	BEGIN AT RTE. M / END AT SME
0.000	1.831	RTE. CC	1561.4	1741	145	BEGIN AT RTE. 41 / END AT SME
0.016	3.862	RTE. OO	3236.4	3608	364	BEGIN WEST OF RTE. 135 AT LM 0.016 / END AT RTE M
COOPER / MONITEAU COUNTY						
0.000	5.733	RTE. H	4685.5	5665	94	BEGIN RTE. AT RTE. 0 / END RTE. 50
MONITEAU COUNTY						
0.000	2.884	RTE. MM	2447.5	2730	230	BEGIN AT RTE. F / END AT SME
0.018	3.975	RTE. P	3356.4	3751	244	BEGIN EAST OF RTE. 179 AT LM 0.018 & END AT SME
MORGAN COUNTY						
0.000	2.211	RTE. PP	1869.8	2085	185	BEGIN AT RTE. D / END AT SME
COLE / MONITEAU COUNTY						
0.000	4.997	RTE. V	4268.3	4772	342	BEGIN AT RTE. A / END AT RTE. C
			45752.20	52232.0	3250.0	
			45752.2	52232	3250	

SEE TYPICAL SECTIONS FOR ESTIMATE FACTORS

MOBILIZATION
1 LUMP SUM

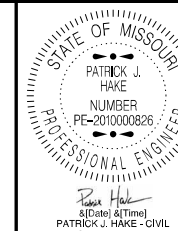
REMOVAL OF IMPROVEMENTS

LOG MILE	LOG MILE	LOCATION	LOCATION	ITEMS OF REMOVAL	REMARKS
0.273	0.368	RTE.00	501.600	REMOVE GUARDRAIL, END ANCHORS & POSTS	GUARDRAIL, END ANCHORS & POSTS - 500 FT.
0.814	0.864	RTE. OO	264.000	REMOVE GUARDRAIL, END ANCHORS & POSTS	GUARDRAIL, END ANCHORS & POSTS - 265 FT.
2.368	2.376	RTE. BB		(BRIDGE N0982 / EAST END) REMOVE EXIST. OBJECT MARKERS & POSTS	6 OBJECT MARKERS & POSTS (3 LT & 3 RT)
2.392	2.400	RTE. BB		(BRIDGE N0982 / WEST END) REMOVE EXIST. OBJECT MARKERS & POSTS	6 OBJECT MARKERS & POSTS (3 LT & 3 RT)
2.420		RTE. NN		REMOVE EXIST. OBJECT MARKER & POST	RTE. NN (LT)
1.765		RTE. HH		REMOVE EXIST. OBJECT MARKER & POST	RTE. HH (RT)
1.980		RTE. HH		REMOVE EXIST. OBJECT MARKER & POST	RTE. HH (RT)
4.793	4.801	RTE. HH		(BRIDGE A9034 / EAST END) REMOVE EXIST. OBJECT MARKERS & POSTS	5 OBJECT MARKERS & POSTS (3 LT & 2 RT)
4.824	4.832	RTE. HH		(BRIDGE A9034 / WEST END) REMOVE EXIST. OBJECT MARKERS & POSTS	5 OBJECT MARKERS & POSTS (2 LT & 3 RT)
		TOTAL		1 LUMP SUM	

REMOVAL OF PAVEMENT MARKINGS & SYMBOLS

LOG MILE	LOG MILE	LOCATION	PREFORMED THERMOPLASTIC			REMARKS
			STOP BARS 24" SOLID WHITE LF	6" SOLID WHITE LF	R/R CROSSING SYMBOLS EA	
4.640		RTE. H	11.0			SB LANE
4.623	4.633	RTE. H			1.0	SB LANE
4.650		RTE. H	11.0			NB LANE
4.667	4.677	RTE. H			1.0	NB LANE
4.761	4.881	RTE. HH		1267.2		BRIDGE A9034 EDGELINES
		SUB-TOTAL	22.0	1267.2	2.0	
		USE		1289	2	

NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.



DATE PREPARED
8/5/2024

ROUTE
VARIOUS

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JST0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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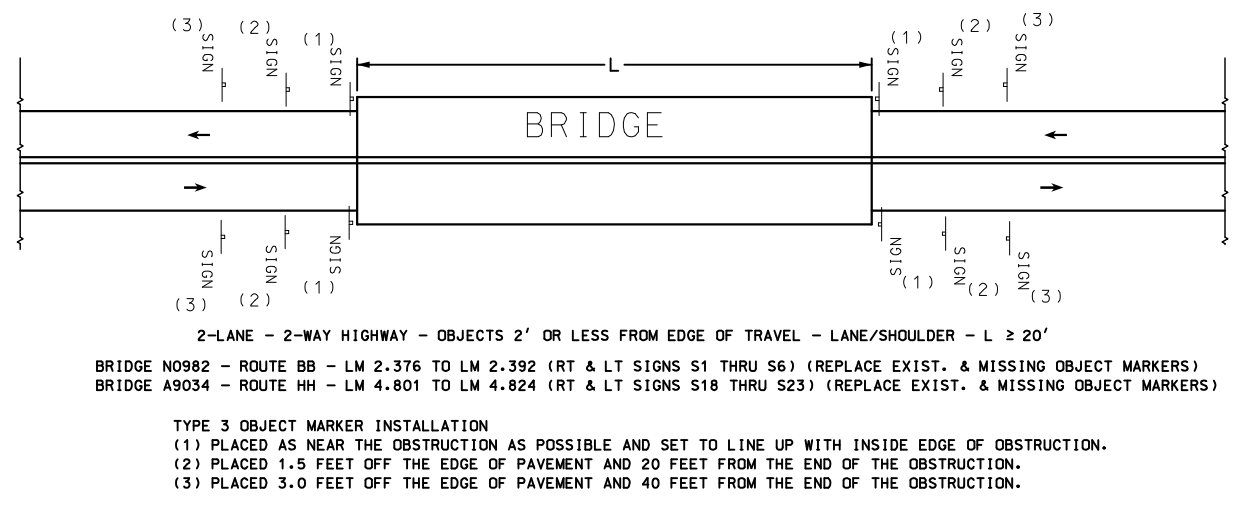
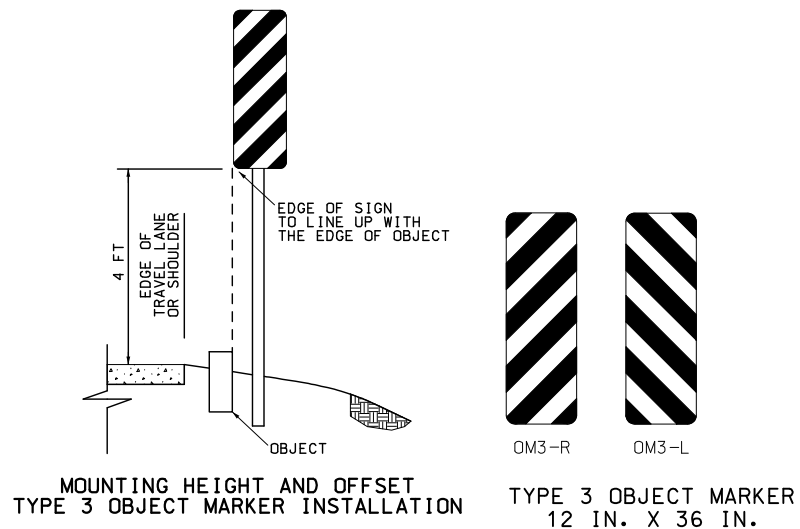
DESCRIPTION

DATE

DESCRIPTION

DATE





SIGN NUMBER OR SET NUMBER	APPROX. LOG MILE	LOCATION	TYPE		SIGN DESC., SIZES & # OF EACH
			OM3-R	OM3-L	
S1	2.368	ROUTE BB LT. & RT.	1	1	
S2	2.372	ROUTE BB LT. & RT.	1	1	
S3	2.376	ROUTE BB LT. & RT.	1	1	
S4	2.392	ROUTE BB LT. & RT.	1	1	
S5	2.396	ROUTE BB LT. & RT.	1	1	
S6	2.400	ROUTE BB LT. & RT.	1	1	
S7	4.862	ROUTE BB LT.	1		
S8	4.867	ROUTE BB RT.	1		
S9	5.849	ROUTE BB LT. & RT.	1	1	
S10	5.853	ROUTE BB LT. & RT.	1	1	
S11	2.420	ROUTE NN LT. & RT.	2		
S12	1.764	ROUTE HH LT.	1		
S13	1.765	ROUTE HH RT.	1		
S14	1.768	ROUTE HH LT.	1		
S15	1.769	ROUTE HH RT.	1		
S16	1.978	ROUTE HH LT. & RT.	1	1	
S17	1.980	ROUTE HH LT. & RT.	1	1	
S18	4.793	ROUTE HH LT. & RT.	1	1	
S19	4.797	ROUTE HH LT. & RT.	1	1	
S20	4.801	ROUTE HH LT. & RT.	1	1	
S21	4.824	ROUTE HH LT. & RT.	1	1	
S22	4.828	ROUTE HH LT. & RT.	1	1	
S23	4.832	ROUTE HH LT. & RT.	1	1	
S24	0.154	ROUTE V RT.	1		
S25	0.159	ROUTE V LT.		1	
S26	0.161	ROUTE V RT.	1		
S27	0.163	ROUTE V LT.		1	
			24	20	

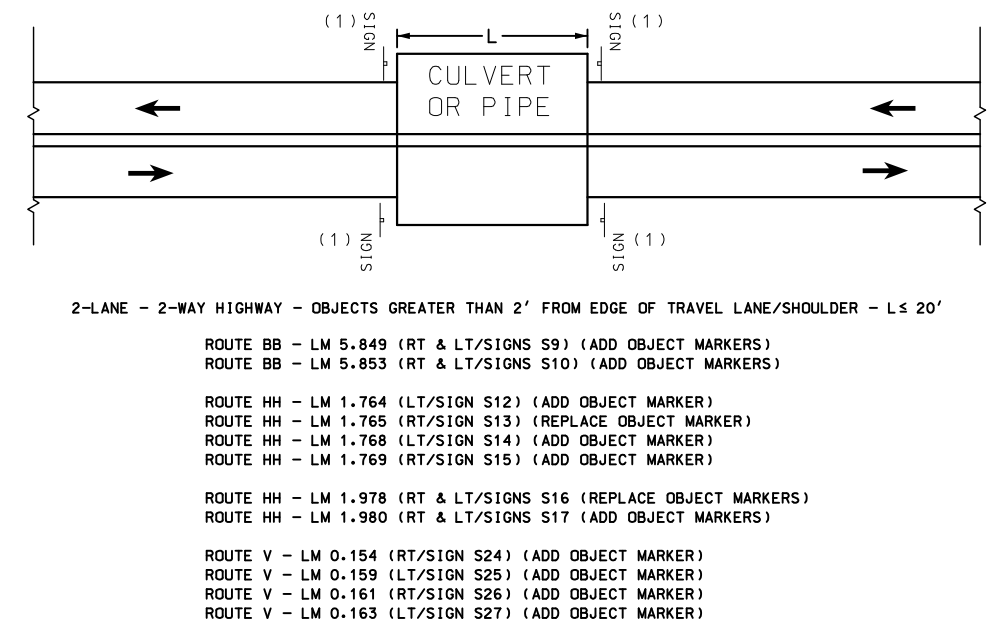
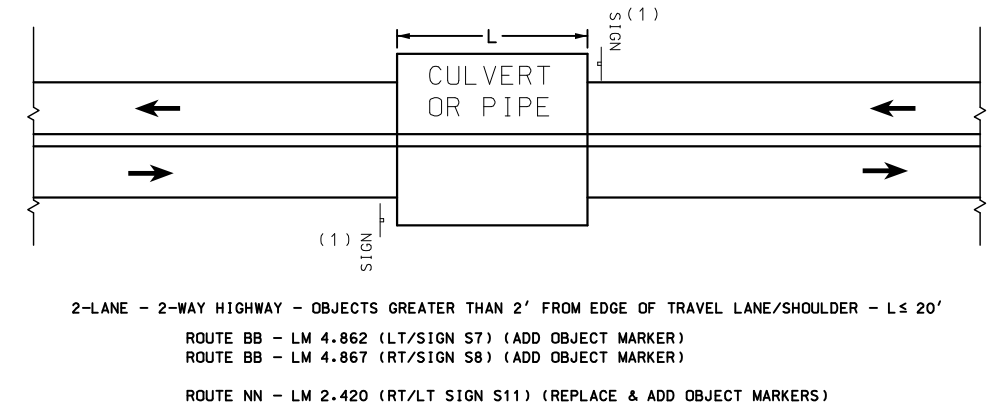
EFFECTIVE 10-01-2016

SIGN SUMMARY		SIGN DETAIL SHEET NO.		NO. EACH		SIZE, TYPE & SQ. FT.	
STANDARD SIGN OR SPECIAL SIGN NUMBER						SIZE	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A
OM3-R	STD.		24			1'X3'	72
OM3-L	STD.		20			1'X3'	60
TOTAL							132

* ORANGE, YELLOW & YELLOW/GREEN D-30

EFFECTIVE 12-01-2017

SIGN NO. OR SET NO.	SIGN SIZE	APPROX. LOG MILE	HORZ CLEAR IF NOT STD	LOCATION	POST QTY EA	U CHANNEL POST, 3 LB. POST SIZE 14' EACH ITEM NO. 9031250A LF	REMARKS AND OTHER REQUIRED ITEMS.
S1	1x3	2.368		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S2	1x3	2.372		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S3	1x3	2.376		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S4	1x3	2.392		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S5	1x3	2.396		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S6	1x3	2.400		ROUTE BB LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S7	1x3	4.862		ROUTE BB LT.	1	14	
S8	1x3	4.867		ROUTE BB RT.	1	14	
S9	1x3	5.849		ROUTE BB LT. & RT.	2	28	
S10	1x3	5.853		ROUTE BB LT. & RT.	2	28	
S11	1x3	2.420		ROUTE NN LT. & RT.	2	28	REMOVE EXISTING SIGN & POST
S12	1x3	1.764		ROUTE HH LT.	1	14	
S13	1x3	1.765		ROUTE HH RT.	1	14	REMOVE EXISTING SIGN & POST
S14	1x3	1.768		ROUTE HH LT.	1	14	
S15	1x3	1.769		ROUTE HH RT.	1	14	
S16	1x3	1.978		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S17	1x3	1.980		ROUTE HH LT. & RT.	2	28	
S18	1x3	4.793		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S19	1x3	4.797		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S20	1x3	4.801		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S21	1x3	4.824		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S22	1x3	4.828		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S23	1x3	4.832		ROUTE HH LT. & RT.	2	28	REMOVE EXISTING SIGNS & POSTS
S24	1x3	0.154		ROUTE V RT.	1	14	
S25	1x3	0.159		ROUTE V LT.	1	14	
S26	1x3	0.161		ROUTE V RT.	1	14	
S27	1x3	0.163		ROUTE V LT.	1	14	
SUBTOTAL						616	
TOTAL						616	



SPECIAL SHEET
OBJECT MARKERS
SHEET 3 OF 4

NOT TO SCALE

STATE OF MISSOURI
PATRICK J. HAKE
NUMBER PE-201000826
PROFESSIONAL ENGINEER

DATE PREPARED 8/5/2024

ROUTE VARIOUS STATE MO
DISTRICT CD SHEET NO. 6
COUNTY VARIOUS
JOB NO. JST0096
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)

