PAVEMENT MARKINGS

BEG. LOG	END LOG	LENGTH LF	4" YELLOW WATERBORNE PVM'T. MARKING PAINT TYPE P BEADS LF	4" BROKEN YELLOW WATERBORNE PVM'T. MARKING PAINT TYPE P BEADS LF	4" WHITE WATERBORNE PVM'T. MARKING PAINT TYPE P BEADS LF	PREFORMED THERMOPLASTIC 24" YELLOW PVM'T. MARKING LF	PREFORMED THERMOPLASTIC 24" WHITE-STOP PVM'T. MARKING LF	PREFORMED THERMOPLASTIC RR PVM'T. MARKING EA	PREFORMED THERMOPLASTIC LT/RT ARROW PVM'T. MARKING EA	COMMENTS
0.000	0.561	2962	5924		5924					
0.561	0.583	116					22	2		RR CROSSING & STOP BARS
0.583	0.618	185	370		370					
0.618	0.758	739	739	185	1478					
0.758	1.157	2107		527	4214					
1.157	1.209	275	550		550					
1.209	1.681	2492		623	4984					
1.681	1.801	634	634	159	1268					
1.801	1.920	628	1256		1256					
1.920	2.080	845	845	211	1690		11			EB-STOP BAR BEFORE ROUTE D
2.080	2.319	1262	2524		2524		11			WB-STOP BAR BEFORE ROUTE D
2.319	2.699	2006	2006	502	4012		11			MAIN ST-STOP BAR
2.699	4.821	11204		2801	22408					
4.821	4.842	111	222		222					
4.842	4.921	417	1668		934	60	22		1	GROH RD.- RT. TURN. STOP BARS & HASH BARS
4.960	5.061	533	2132		1166	60	22		1	GROH RD.- LT. TURN. STOP BARS & HASH BARS
5.061	5.082	111	222		222					
5.082	6.102	5386		1347	10772					
6.102	6.302	1056	1056	264	2112					
6.302	7.685	7302	14604		14604					
7.685	7.826	744	744	186	1488					
7.826	7.946	634		159	1268		22			STOP BARS AT ROUTE D
7.946	8.106	845	845	211	1690					
8.106	8.467	1906	3812		3812					
8.467	8.687	1162	1162	291	2324					
8.687	9.046	1896		474	3792					
9.046	9.287	1272	1272	318	2544					
9.287	9.746	2424	4848		4848					
9.746	9.807	322	322	81	644					
9.807	9.886	417	834		834					
9.886	10.007	639	639	160	1278		11			STOP BAR AT ROUTE C
10.007	10.106	523	1046		1046					
10.106	10.205	523	523	131	1046					
10.205	10.285	422	844		844					
10.285	10.426	744	744	186	1488					
10.426	10.548	644	1288		1288					
10.548	10.668	634	634	159	1268					
10.668	10.769	533	1066		1066					
10.769	10.909	739	739	185	1478					
10.909	11.207	1573	3146		3146					
11.207	11.366	840	840	210	1680					
11.366	11.526	845		211	1690					
11.526	11.726	1056	1056	264	2112					
11.726	12.288	2967	5934		5934					
12.288	12.566	1468	1468	367	2936					
12.566	13.465	4747	9494		9494					
13.465	13.645	950	950	238	1900					
13.645	14.044	2107		527	4214					
14.044	14.485	2328	2328	582	4656		11			STOP BAR AT ROUTE DD
14.485	15.464	5169		1292	10338					
15.464	15.664	1056	1056	264	2112					
15.664	15.765	533	1066		1066					
15.765	15.965	1056	1056	264	2112					
15.965	16.365	2112		528	4224					
			84508	13907	172370	120		2	2	
	PAY TOTAL		98415.00		172370.00	120.00	143.00	2.00	2.00	

MGS-GUARDRAIL

BEG. LOG	END LOG	LENGTH LF	MGS GR LF	GR TYPE A LF	MGS-TYPE A CET MASH EA	MGS-BRIDGE APPROACH TRANSITION SECTION EA	TRANSITION SECTION EA	MGS END ANCHOR EA	MGS BR. APPROACH TRANSITION (THRIE-BEAM BR.) EA	SHAPING CLASS III 100LF	REMARKS
2.047	2.080	125.00	50.00		1.0	1.0				0.75	BRIDGE A2539 -EB_ADJACENT
2.102	2.117	125.00	37.50		1.0	1.0				0.75	BRIDGE A2539 -EB_OPPOSING
67.505	67.539	125.00	50.00		1.0	1.0				0.75	BRIDGE A2539 -WB_ADJACENT
67.559	67.575	125.00	37.50		1.0	1.0				0.75	BRIDGE A2539 -WB_OPPOSING
62.808	62.874	350.00	250.00		2.0					1.50	BETWEEN 269TH & MORRISTOWN RD.-WB
9.251	9.282	100.00	125.00		1.0	1.0				0.75	BRIDGE A1391-EB_ADJACENT
60.368	60.357	100.00	87.50		1.0	1.0				0.75	BRIDGE A1391-WB_OPPOSING
9.348	9.359	100.00	87.50		1.0	1.0				0.75	BRIDGE A1391-EB_OPPOSING
60.268	60.304	100.00	125.00		1.0	1.0				0.75	BRIDGE A1391-WB_ADJACENT
10.366	10.400		87.50		1.0				1.0	0.75	* NEW GR AT EX. CULVERT A2087-EB_ADJACENT
59.239	59.265			25.00				1.0	1.0	1.00	* NEW GR AT EX. CULVERT A2087-WB_OPPOSING
10.406	10.432		62.50		1.0				1.0	0.75	* NEW GR AT EX. CULVERT A2087-EB_OPPOSING
59.266	59.233		87.50		1.0				1.0	0.75	* NEW GR AT EX. CULVERT A2087-WB_ADJACENT
58.617	58.709	287.50	400.00		2.0					1.50	0.10 MILE EAST OF LEWIS RD - WB
14.477	14.518	125.00	112.50		1.0	1.0				0.75	BRIDGE L0327-EB_ADJACENT
55.121	55.145	125.00	75.00		1.0	1.0				0.75	BRIDGE L0327-WB_OPPOSING
14.555	14.526	81.25	0.00		1.0	1.0				0.75	BRIDGE L0327-EB_OPPOSING
55.084	55.069	125.00		112.50			1.0	1.0		1.00	BRIDGE L0327-WB_ADJACENT
TOTAL			1675.00	137.50	18.00	11.00	1.00	2.00	4.00	15.50	
FINAL TOTAL			1675.00	137.50	18.00	11.00	1.00	2.00	4.00	16.00	

* REFER BRIDGE PLAN SHEETS FOR THRIE BEAM SECTION AT THIS LOCATION

REVISED 2 2 REVISED 2 ADDED

RELOCATE THE EXISTING SIGN ASSEMBLIES

ITEM	QUANTITY	UNIT	COMMENTS
RELOCATE SIGN ASSEMBLIES	1.00	EA	EXISITNG SIGN ASSEMBLY ON THE EAST OF RR CROSSING(REFER SHEET 19)
RELOCATE SIGN ASSEMBLIES	1.00	EA	EXISITNG SIGN ASSEMBLY ON THE WEST OF RR CROSSING (REFER SHEET 19)
TOTAL	2.00	EA	

QUANTITY SHEET
SHEET 2 OF 4

STATE OF MISSOURI
ALLAN JEFFREY LUDIKER
NUMBER PE-2002003198
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/6/2020

ROUTE	STATE
2	MO
DISTRICT	SHEET NO.
KC	3

COUNTY CASS

JOB NO. J4P3248

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

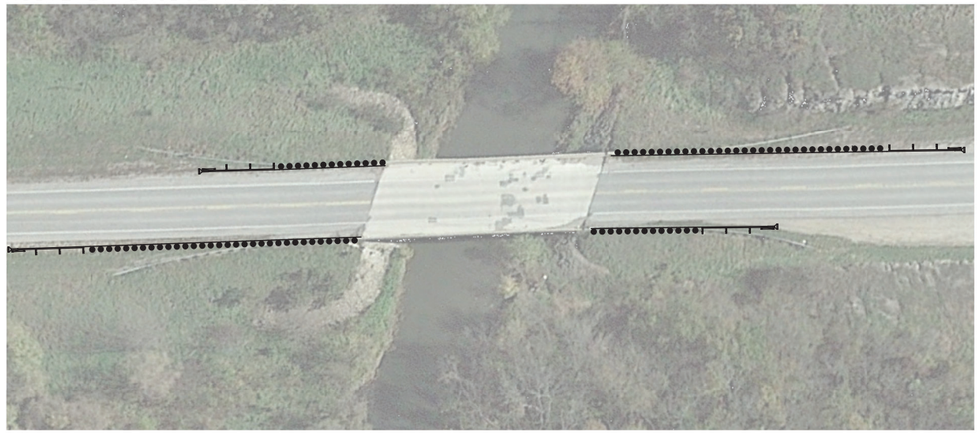
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

ROUTE 2/ BRIDGE A2539

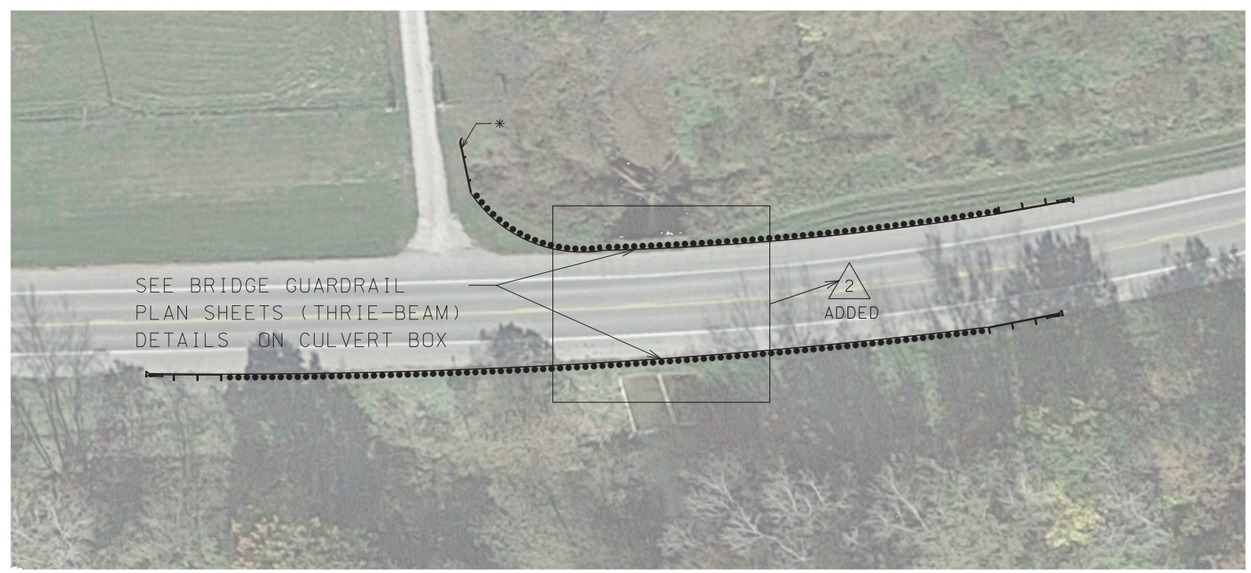


REMOVE AND BUILD
4 BRIDGE APPROACH TRANSITION SECTIONS (REGULAR/ NO CURB),
WITH 50'(ADJACENT LANES) & 37.5' (OPPOSING LANES)MGS GUARDRAIL, AND
4 TYPE A CRASHWORTHY END TERMINALS (MASH)

ROUTE 2/ BRIDGE A1391

REMOVE AND BUILD
4 MGS BRIDGE APPROACH TRANSITION SECTIONS (REGULAR/ NO CURB)
WITH 125'(ADJACENT LANES)& 87.5' (OPPOSING LANES)MGS GUARDRAIL, AND
4 TYPE A CRASHWORTHY END TERMINALS (MASH)

ROUTE 2/ CULVERT A2807



BUILD 2 THRIE BEAMS WITH GUARDRAILS (125' → 87.5' (ADJACENT LANES),
100' → 62.5' (OPPOSING LANE ON EB) AND 62.5' → 25.0' (OPPOSING LANE * WB)), ------→ REVISED 2
4 MGS BRIDGE APPROACH TRANSITION (THRIE-BEAM BRIDGE) → ADDED 2
1 END ANCHOR (* NW QUADRANT-WB)
AND 3 TYPE A CRASHWORTHY END TERMINALS (MASH)

NOT TO SCALE

SPECIAL SHEET
GUARDRAIL
SHEET 4 OF 5

STATE OF MISSOURI
ALLAN JEFFREY LUDIKER
NUMBER PE-2002003198
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	10/6/2020
ROUTE	2
STATE	MO
DISTRICT	KC
SHEET NO.	8
COUNTY	CASS
JOB NO.	J4P3248
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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
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