

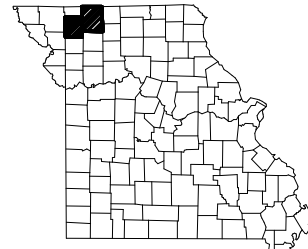
**DESIGN DESIGNATION**

A.A.D.T. - 2024 = 2,417  
 A.A.D.T. - 2034 = 2,461  
 D.H.V. = 9.12%  
 T = 25.31%  
 V = 60 M.P.H.  
 D = 50.7% / 49.4%

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

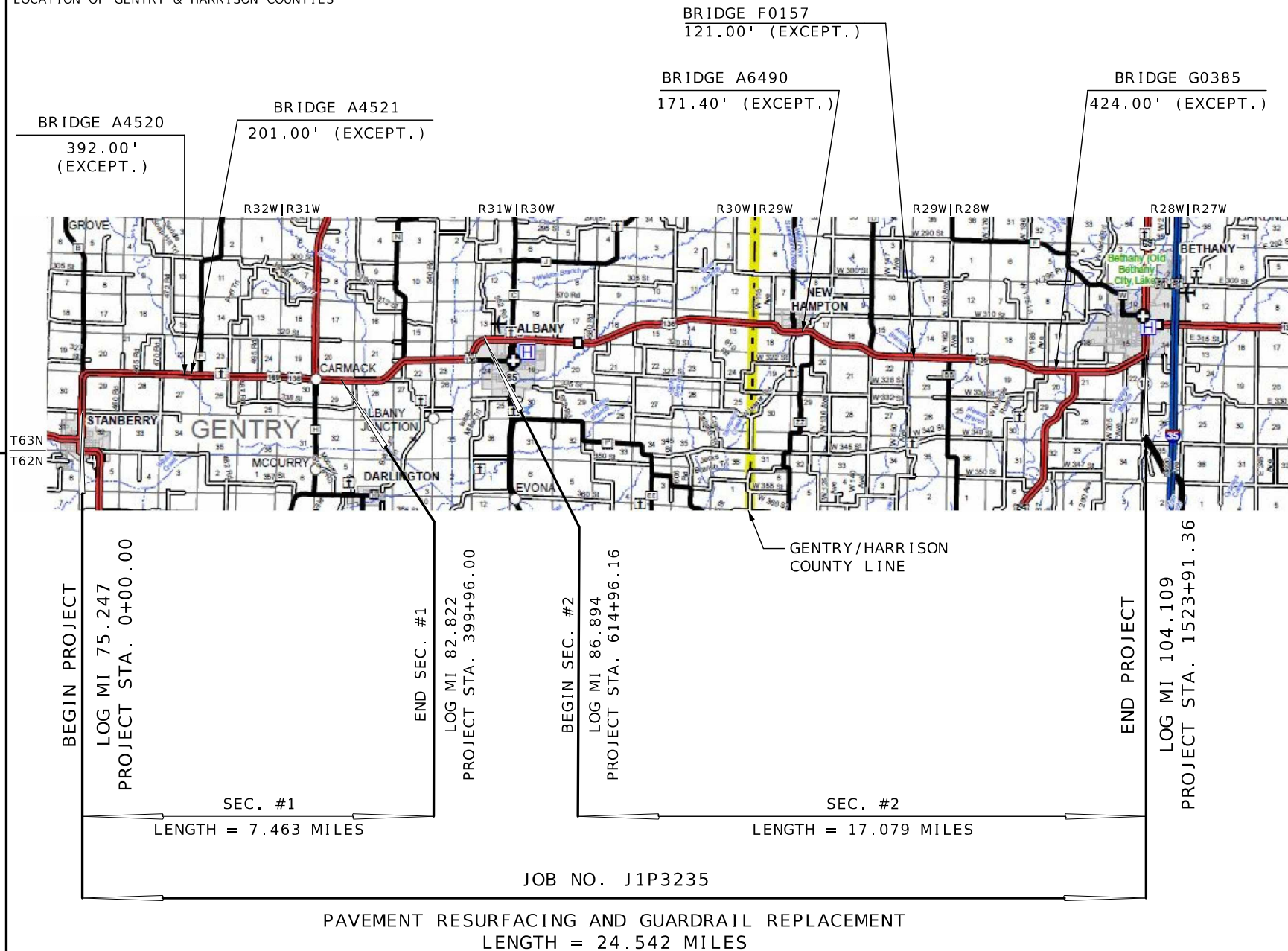
**NO RIGHT-OF-WAY ACQUISITION**

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 PLANS FOR PROPOSED  
 STATE HIGHWAY**



KEY MAP  
 LOCATION OF GENTRY & HARRISON COUNTIES

**GENTRY/HARRISON COUNTIES**



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.

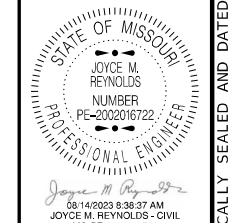
**CONVENTIONAL SYMBOLS  
 (USED IN PLANS)**

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE		
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

**INDEX OF SHEETS**

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (10 SHEETS)	2
QUANTITIES (QU) (6 SHEETS)	3
SPECIAL SHEETS (SS)	4-19
TRAFFIC CONTROL (TC)	20
PAVEMENT MARKING (PM)	21-22



DATE PREPARED  
 8/14/2023  
 ROUTE 136 STATE MO  
 DISTRICT NW SHEET NO. 1

COUNTY  
 GENTRY/HARRISON  
 JOB NO.  
 J1P3235  
 CONTRACT ID.

PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

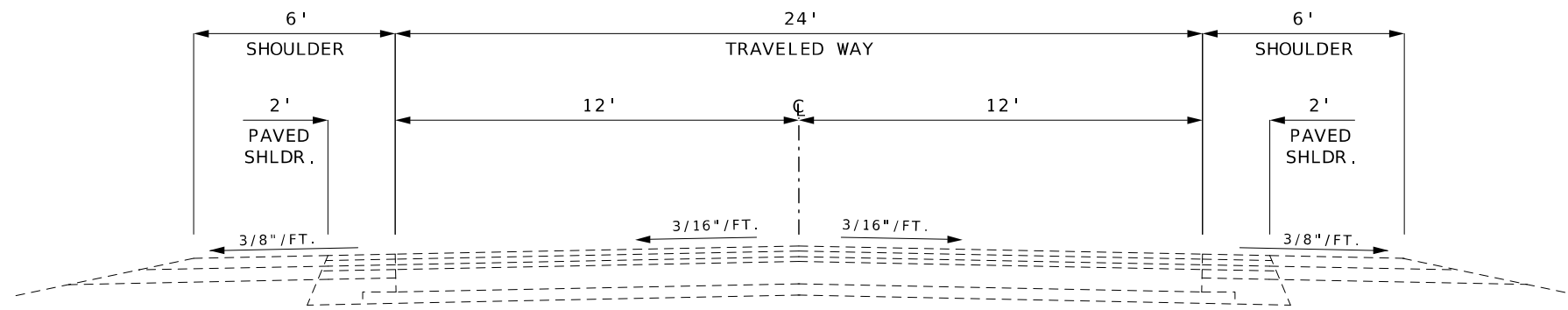
**LENGTH OF PROJECT**

BEGINNING OF PROJECT	STA. 0+00.00
END OF PROJECT	STA. 1523+91.36
APPARENT LENGTH	152391.36 FEET
EQUATIONS AND EXCEPTIONS:	
BRIDGE A4520	
STA. 190+50.24 TO	
STA. 194+42.24	-392.00 FEET
BRIDGE A4521	
STA. 199+32.00 TO	
STA. 201+33.00	-201.00 FEET
SEGEMENT NOT INCLUDED IN PROJECT	
STA. 399+96.00 TO	
STA. 614+96.16	-21500.16 FEET
BRIDGE A6490	
STA. 1051+77.60 TO	
STA. 1053+49.00	-171.40 FEET
BRIDGE F0157	
STA. 1203+31.20	
TO STA. 1204+52.20	-121.00 FEET
BRIDGE G0385	
STA. 1398+24.96 TO	
STA. 1402+48.96	-424.00 FEET
TOTAL CORRECTIONS	-22809.56 FEET
NET LENGTH OF PROJECT	129581.8 FEET
STATE LENGTH	24.542 MILES
FOR INFORMATION ONLY	0.00 ACRES
ESTIMATED DISTURBED ACRES	

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.

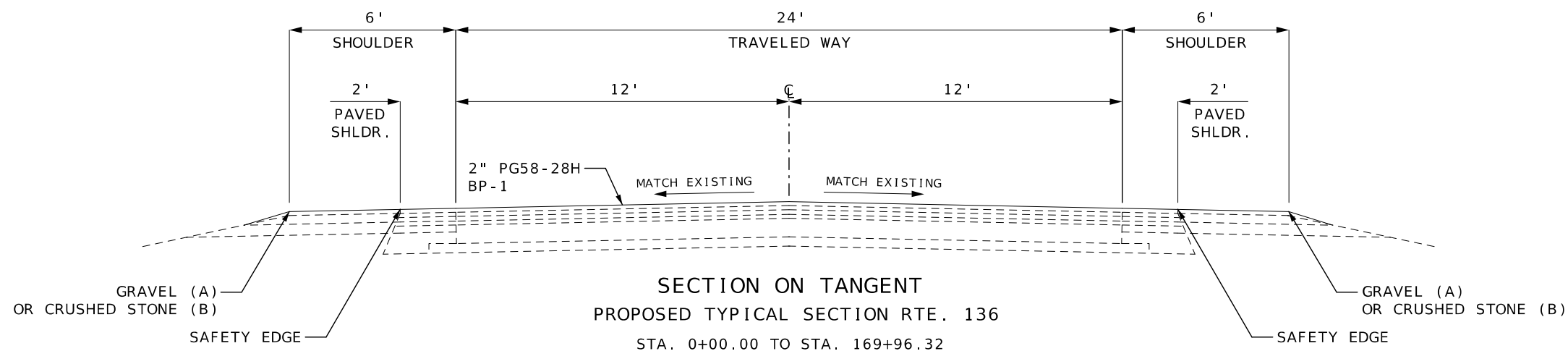


SECTION ON TANGENT  
EXISTING TYPICAL SECTION RTE. 136  
STA. 0+00.00 TO STA. 169+96.32

PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1926	18' PCC & GRAVEL	
1933	4" BASE COURSE 8" PCCP	
1970	3" AC SURFACE WIDENING	
1999	24' SURFACE LEVEL 1" 1.75" BP-1	4" TYPE 1 OR 2 AGG. SHOULDER
2010	3.75" BP-1	3.75" BP-1 TYPE 1 AGG.

ESTIMATE FACTORS *		
ITEM	DESCRIPTION	FACTOR
304-99.10	PERMANENT AGGREGATE EDGE TREATMENT	1.60 TONS / CU. YD.
310-50.02	GRAVEL (A) OR CRUSHED STONE (B)	1.40 TONS / CU. YD.
401-12.31	BITUMINOUS PAVEMENT MIXTURE PG58-28H (BP-1)	1.98 TONS / CU. YD.
407-10.05	TACK COAT - ON EXISTING ASPHALT SURFACE	0.08 GAL. / SQ. YD.
407-10.05	TACK COAT - ON MILLED ASPHALT SURFACE	0.10 GAL. / SQ. YD.

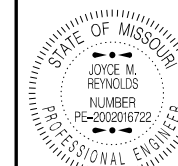
\*FOR INFORMATION PURPOSES ONLY



SECTION ON TANGENT  
PROPOSED TYPICAL SECTION RTE. 136  
STA. 0+00.00 TO STA. 169+96.32

NOT TO SCALE

TYPICAL SECTIONS  
SHEET 1 OF 10



DATE PREPARED  
7/6/2023

ROUTE 136 STATE MO

DISTRICT NW SHEET NO. 2

COUNTY GENTRY/HARRISON

JOB NO. J1P3235

CONTRACT ID.

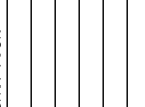
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

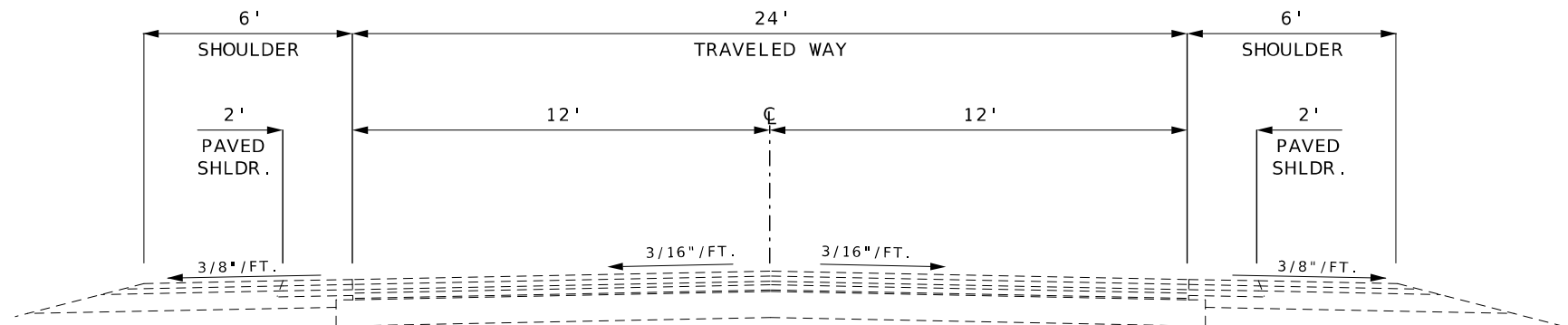


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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

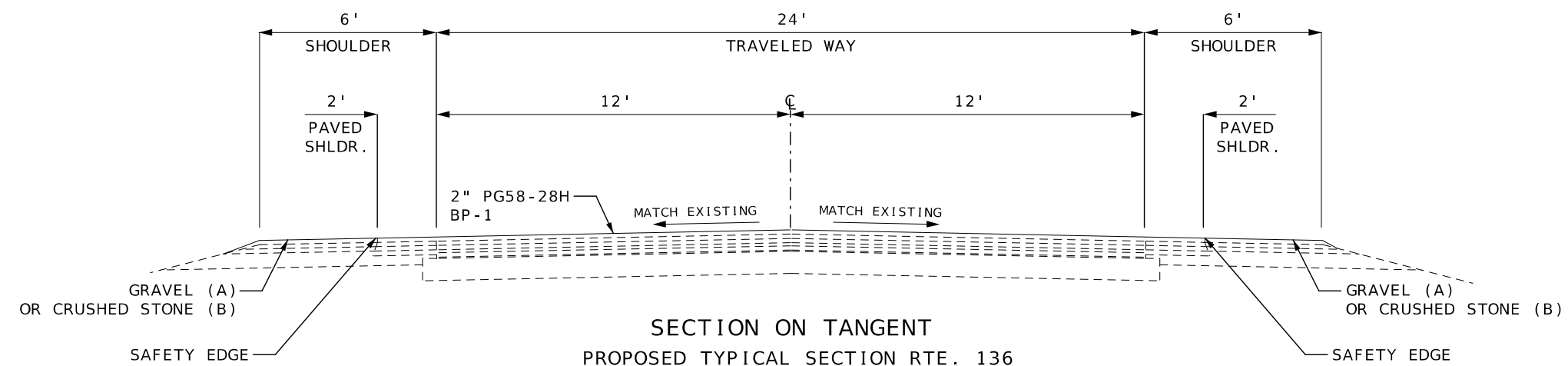
REV.





**SECTION ON TANGENT**  
**EXISTING TYPICAL SECTION RTE. 136**  
 STA. 185+38.08 TO STA. 185+59.20  
 STA. 207+34.56 TO STA. 211+09.44

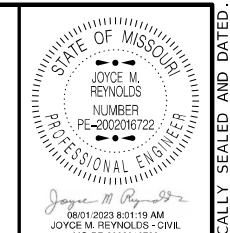
PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1926	18' PCC & GRAVEL	
1988	9" x 24' - 6" CONC. BASE WIDENING 0.5" TYPE B LC 1.75" TYPE B BC 1.25" TYPE C SC	2" TYPE C AC SURFACE WIDENING 6" TYPE 1 OR 2 AGG.
1999	1.75" BP-1	1.75" BP-1 TYPE 1 OR 2 AGG.
2010	1.75" BP-1	1.75" BP-1



**SECTION ON TANGENT**  
**PROPOSED TYPICAL SECTION RTE. 136**  
 STA. 185+38.08 TO STA. 185+59.20  
 STA. 207+34.56 TO STA. 211+09.44

NOT TO SCALE

TYPICAL SECTIONS  
 SHEET 3 OF 10



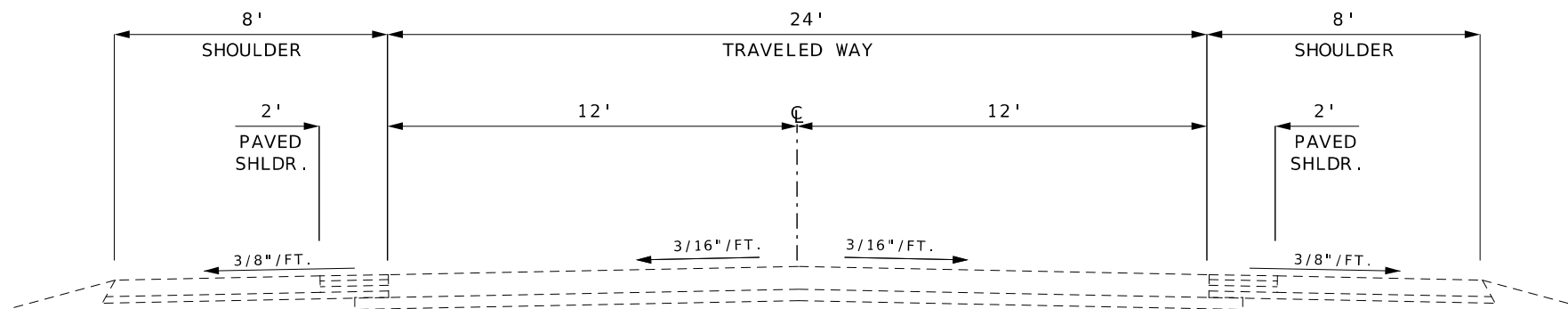
DATE PREPARED 7/6/2023	
ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 2
COUNTY GENTRY/HARRISON	
JOB NO. J1P3235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

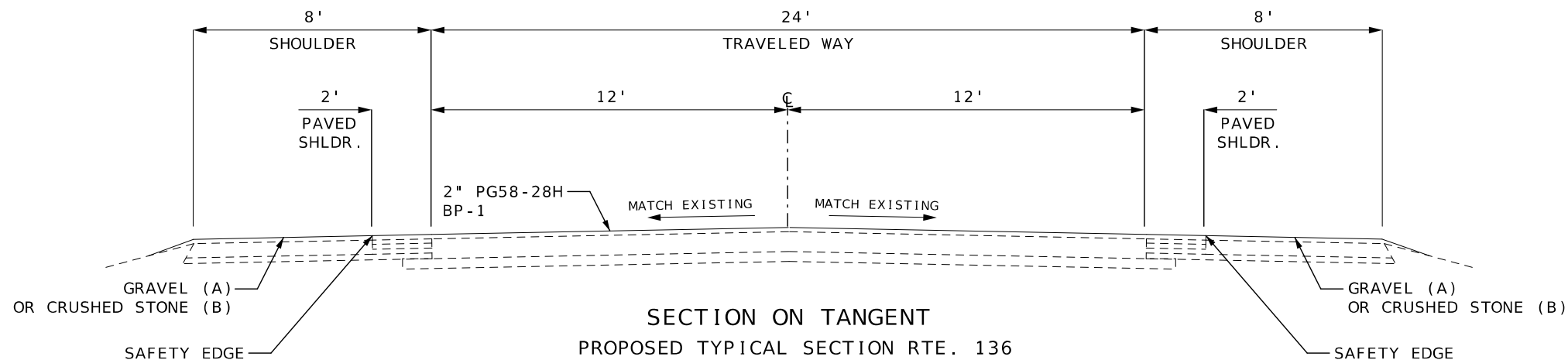
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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

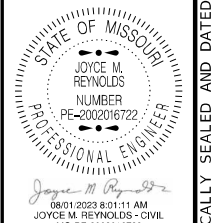


**SECTION ON TANGENT**  
**EXISTING TYPICAL SECTION RTE. 136**  
 STA. 185+59.20 TO STA. 190+50.24 (W OF BR. A4520)  
 STA. 194+40.96 TO STA. 199+32.00 (E OF BR. A4520, W OF BR. A4521)  
 STA. 201+33.00 TO STA. 207+34.56 (E OF BR. A4521)

PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1926	18' PCC & GRAVEL	
1988	8" NON-REINFORC. PCCP 4" TYPE 3 AGG.	8" NON-REINFORC. PCCP 6" TYPE 1 OR 2 AGG.
2010		2" TYPE C AC SURFACE WIDENING 3.75" BP-1



**SECTION ON TANGENT**  
**PROPOSED TYPICAL SECTION RTE. 136**  
 STA. 185+59.20 TO STA. 190+50.24 (W OF BR. A4520)  
 STA. 194+40.96 TO STA. 199+32.00 (E OF BR. A4520, W OF BR. A4521)  
 STA. 201+33.00 TO STA. 207+34.56 (E OF BR. A4521)



DATE PREPARED  
7/6/2023

ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 2

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

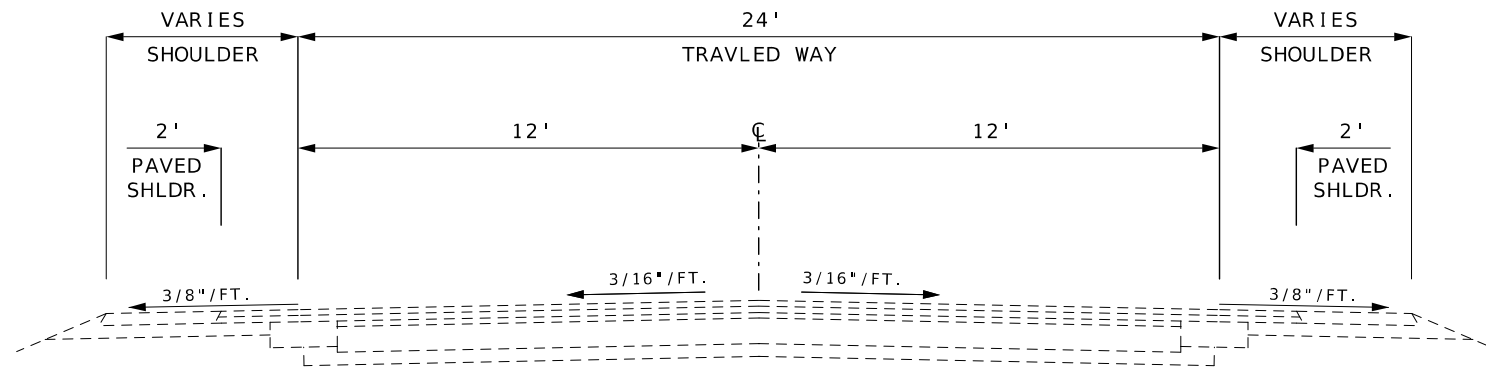
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

REV.

NOT TO SCALE

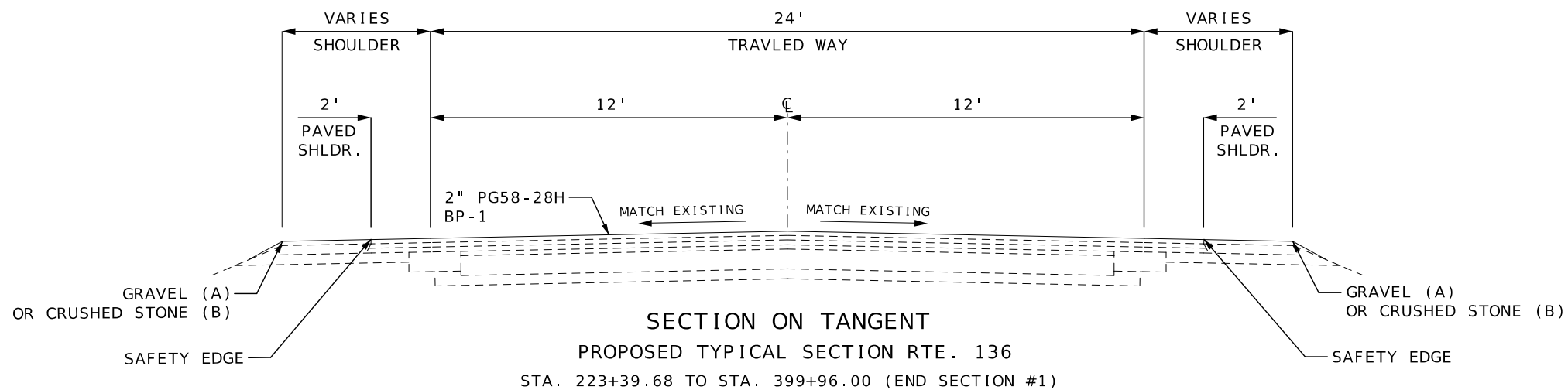
TYPICAL SECTIONS  
SHEET 4 OF 10

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

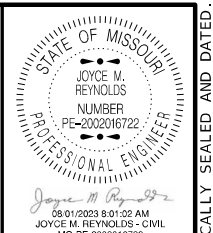


SECTION ON TANGENT  
 EXISTING TYPICAL SECTION RTE. 136  
 STA. 223+39.68 TO STA. 399+96.00 (END SECTION #1)

PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1926	18' PCC & GRAVEL	
1957	4" BASE COURSE 8" PCCP	
1999	24' SURFACE LEVEL 1" 1.75" BP-1	4" TYPE 1 OR 2 AGG.
2010	3.75" BP-1 8" PMBB WIDENING	3.75" BP-1 TYPE 1 AGG.



SECTION ON TANGENT  
 PROPOSED TYPICAL SECTION RTE. 136  
 STA. 223+39.68 TO STA. 399+96.00 (END SECTION #1)



DATE PREPARED  
 7/6/2023  
 ROUTE 136 STATE MO  
 DISTRICT NW SHEET NO. 2  
 COUNTY GENTRY/HARRISON  
 JOB NO. J1P3235  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

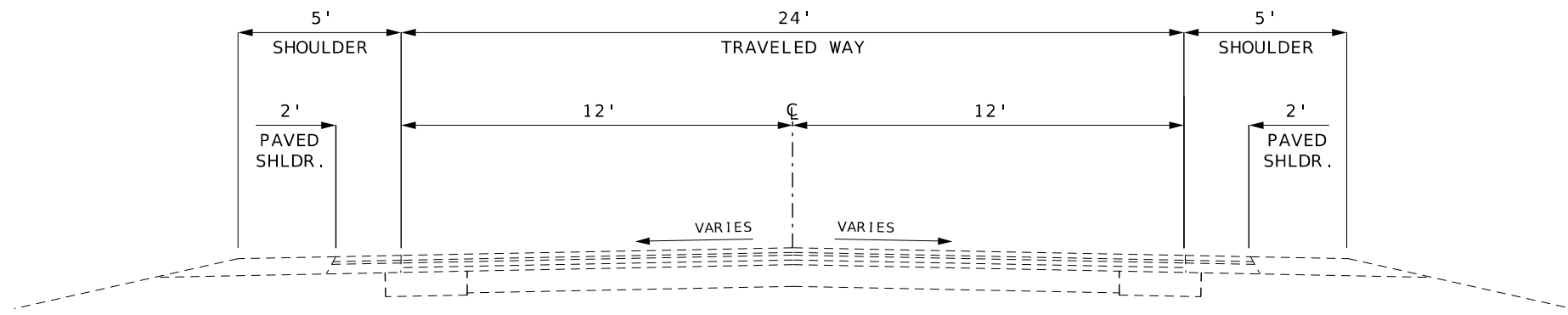
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 MoDOT  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

NOT TO SCALE

TYPICAL SECTIONS  
 SHEET 5 OF 10

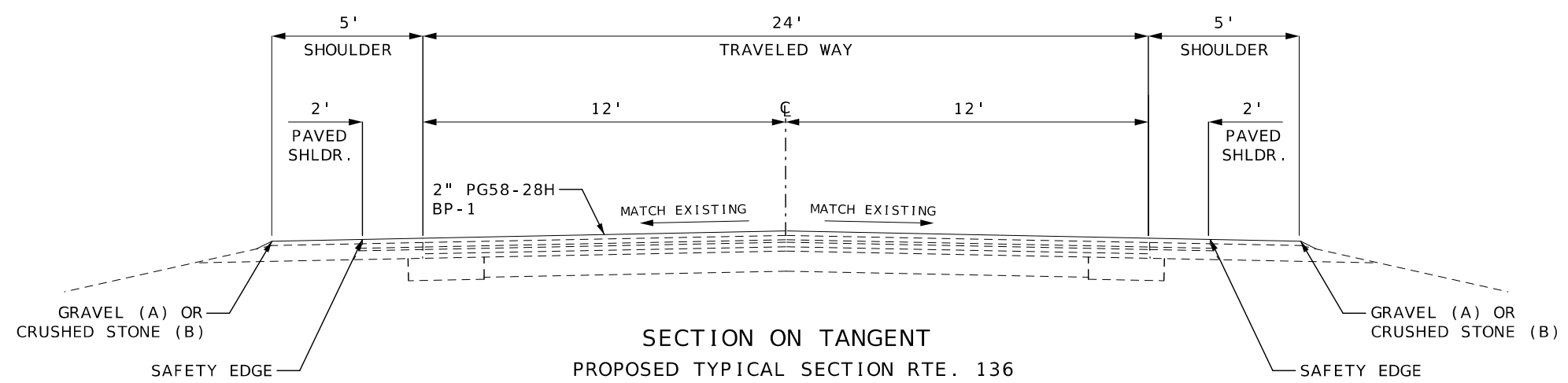
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





SECTION ON TANGENT  
 EXISTING TYPICAL SECTION RTE. 136  
 STA. 618+12.96 TO STA. 977+69.76

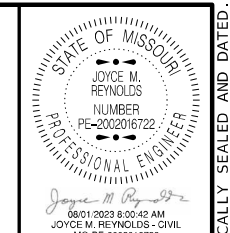
PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1938	20' PCCP	
1970	AC RESURFACING	
2000	1.75" SURFACE LEVELING	
2011	1" SURFACE LEVELING 1.75" BP-1	1" SURFACE LEVELING 1.75" BP-1



SECTION ON TANGENT  
 PROPOSED TYPICAL SECTION RTE. 136  
 STA. 618+12.96 TO STA. 977+69.76

NOT TO SCALE

TYPICAL SECTIONS  
 SHEET 7 OF 10



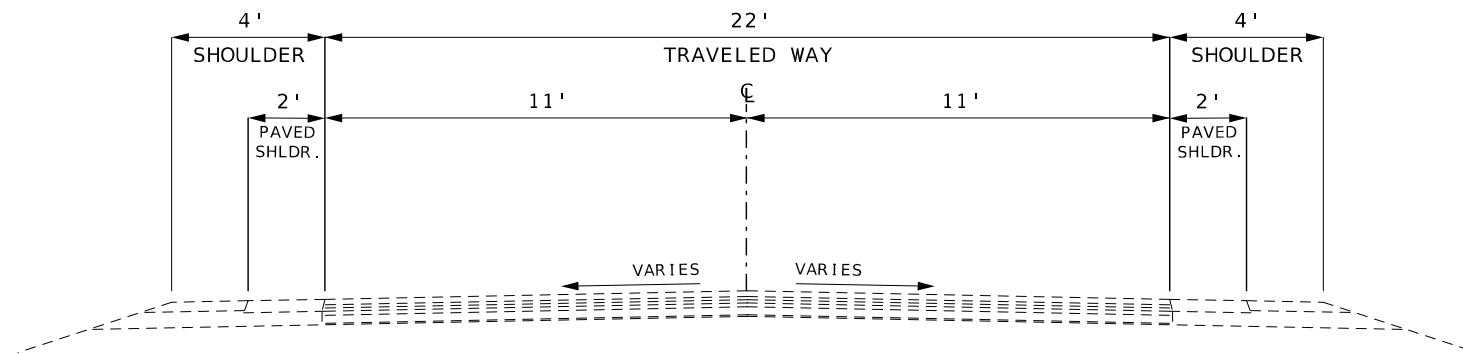
DATE PREPARED  
 7/6/2023  
 ROUTE 136 STATE MO  
 DISTRICT NW SHEET NO. 2  
 COUNTY GENTRY/HARRISON  
 JOB NO. J1P3235  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

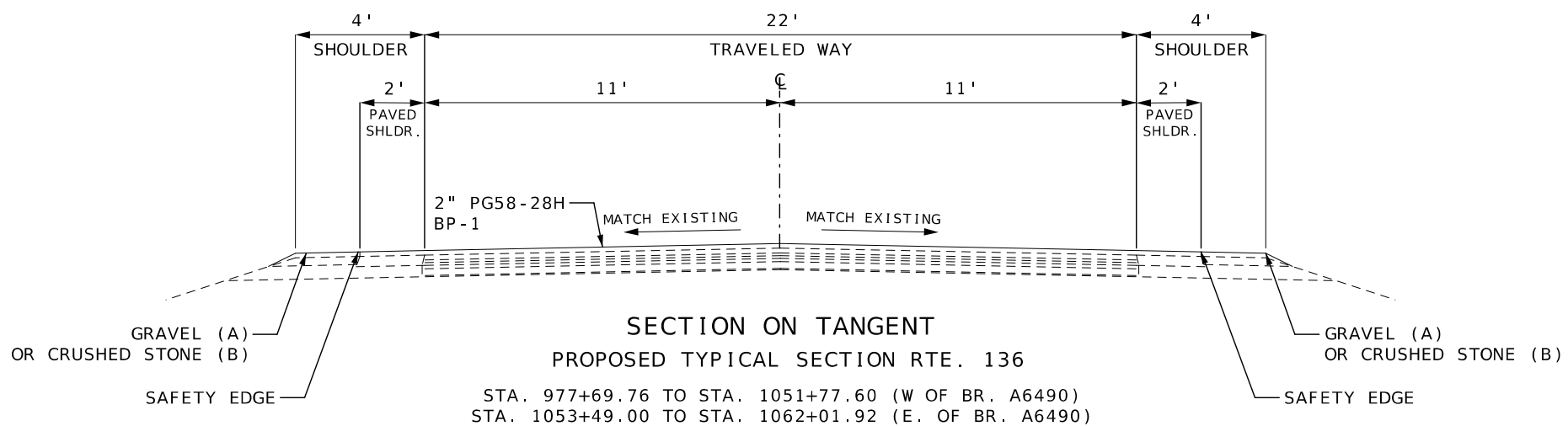
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



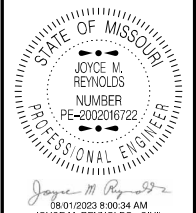


**SECTION ON TANGENT**  
**EXISTING TYPICAL SECTION RTE. 136**  
 STA. 977+69.76 TO STA. 1051+77.60 (W OF BR. A6490)  
 STA. 1053+49.00 TO STA. 1062+01.92 (E. OF BR. A6490)

PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1924	18' PCCP	
1954	24' PCCP	
1973	0.5" TYPE C 2.5" TYPE B 1.25" TYPE C	
1997	1" SURFACE LEVELING	
2009	1" BP-1 1.75" BP-1	3.75" BP-1



**SECTION ON TANGENT**  
**PROPOSED TYPICAL SECTION RTE. 136**  
 STA. 977+69.76 TO STA. 1051+77.60 (W OF BR. A6490)  
 STA. 1053+49.00 TO STA. 1062+01.92 (E. OF BR. A6490)



DATE PREPARED  
**7/6/2023**  
 ROUTE **136** STATE **MO**  
 DISTRICT **NW** SHEET NO. **2**  
 COUNTY  
**GENTRY/HARRISON**  
 JOB NO.  
**J1P3235**  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

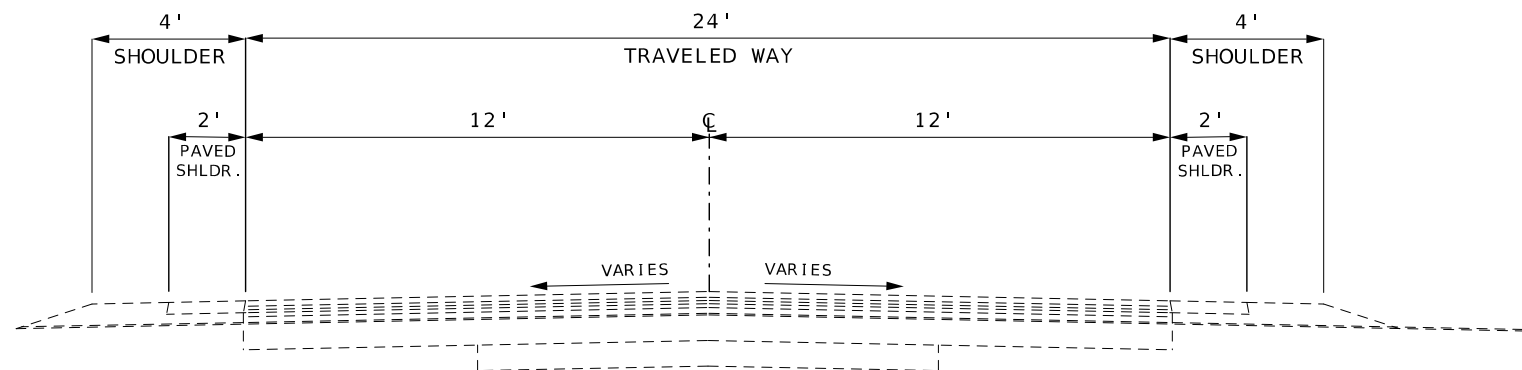
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE

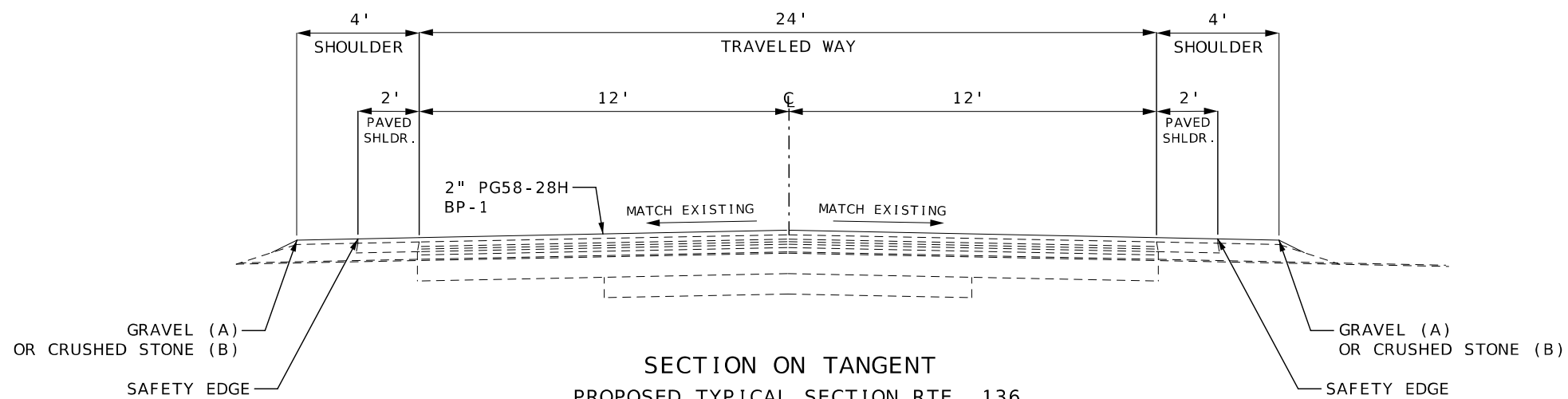
TYPICAL SECTIONS  
 SHEET 8 OF 10

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



**SECTION ON TANGENT**  
**EXISTING TYPICAL SECTION RTE. 136**  
 STA. 1062+01.92 TO STA. 1203+31.20 (W OF BR. F0157)  
 STA. 1204+52.20 TO STA. 1398+24.96 (E OF BR. F0157, W OF BR. G0385)  
 STA. 1402+48.96 TO STA. 1520+48.16 (E OF BR. G0385)

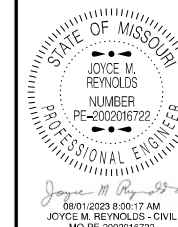
PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1924	18' PCCP	
1954	24' PCCP	
1973	0.5" SURFACE LEVELING 1.75" TYPE B 1.25" TYPE C	
1997	1" SURFACE LEVELING	
2009	1" BP-1 1.75" BP-1	3.75" BP-1



**SECTION ON TANGENT**  
**PROPOSED TYPICAL SECTION RTE. 136**  
 STA. 1062+01.92 TO STA. 1203+31.20 (W OF BR. F0157)  
 STA. 1204+52.20 TO STA. 1398+24.96 (E OF BR. F0157, W OF BR. G0385)  
 STA. 1402+48.96 TO STA. 1520+48.16 (E OF BR. G0385)

NOT TO SCALE

TYPICAL SECTIONS  
 SHEET 9 OF 10



DATE PREPARED  
 7/6/2023

ROUTE  
 136

STATE  
 MO

DISTRICT  
 NW

SHEET NO.  
 2

COUNTY

GENTRY/HARRISON

JOB NO.

J1P3235

CONTRACT ID.

PROJECT NO.

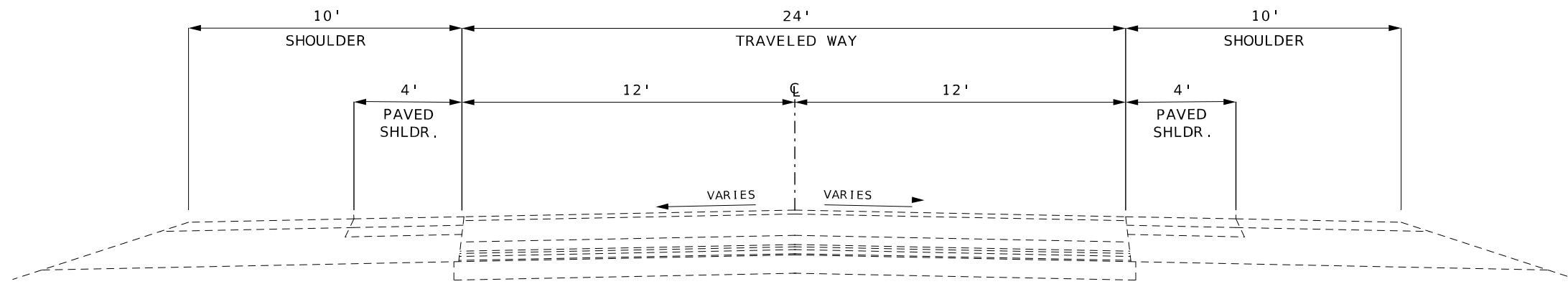
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

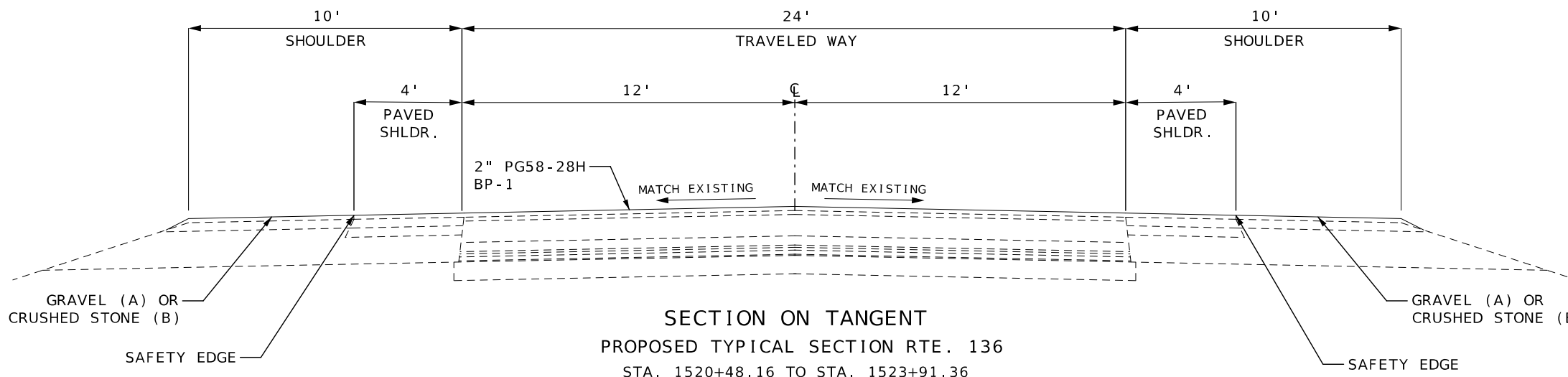
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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



SECTION ON TANGENT  
EXISTING TYPICAL SECTION RTE. 136  
STA. 1520+48.16 TO STA. 1523+91.36

PAVEMENT HISTORY		
YEAR	DESCRIPTION	
	TRAVELED WAY	SHOULDER
1954	24' 8" PCC	
1973	0.50" TYPE C LEVELING	
	1.75" TYPE B	
	1.25" TYPE C	
1997	1" SURFACE LEVELING	
2009	4" TYPE 1 AGG.	3.75" BP-1
	9.25" PMBB	4" TYPE 1 AGG.
	1.75" BP-1	



SECTION ON TANGENT  
PROPOSED TYPICAL SECTION RTE. 136  
STA. 1520+48.16 TO STA. 1523+91.36

NOT TO SCALE

TYPICAL SECTIONS  
SHEET 10 OF 10



DATE PREPARED  
7/6/2023

ROUTE 136 STATE MO  
DISTRICT NW SHEET NO. 2  
COUNTY GENTRY/HARRISON

JOB NO. J1P3235  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

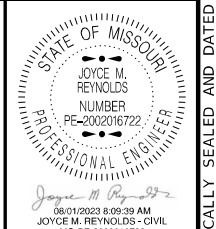
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

MODIFIED COLDMILLING						
STA.	STA.	LOCATION	LENGTH FT.	WIDTH FT.	MODIFIED COLDMILLING SY	REMARKS
0+00.00	2+00.00	US 136	200	28	622.2	BEGINNING OF PROJECT
188+50.24	190+50.24	US 136	200	28	622.2	W OF BR. A4520
194+42.24	196+42.24	US 136	200	28	622.2	E OF BR. A4520
197+32.00	199+32.00	US 136	200	28	622.2	W OF BR. A4521
201+33.00	203+33.00	US 136	200	28	622.2	E OF BR. A4521
397+96.00	399+96.00	US 136	200	28	622.2	END OF SEC. #1
614+96.16	616+96.16	US 136	200	44	977.8	BEG. OF SEC. #2
1049+77.60	1051+77.60	US 136	200	26	577.8	W OF BR. A6490
1053+49.00	1055+49.00	US 136	200	26	577.8	E OF BR. A6490
1201+31.20	1203+31.20	US 136	200	28	622.2	W OF BR. F0157
1204+52.20	1206+52.20	US 136	200	28	622.2	E OF BR. F0157
1396+24.96	1398+24.96	US 136	200	28	622.2	W OF BR. G0385
1402+48.96	1404+48.96	US 136	200	28	622.2	E OF BR. G0385
1521+91.36	1523+01.36	US 136	110	32	391.1	END OF PROJECT
1523+01.36	1523+91.36	US 136	90	86.6717	866.7	END OF PROJECT
51+53.28	-	US 136 / RTE. B	200	24	533.3	JUNCTION W/ RTE. B
206+18.40	-	US 136 / RTE. F	200	20	444.4	JUNCTION W/ RTE. F
359+62.08	-	US 136 / RTE. 169	200	24	533.3	JUNCTION W/ RTE. 169
359+62.08	-	US 136 / RTE. H	200	24	533.3	JUNCTION W/ RTE. H
648+75.36	-	US 136 / RTE. C	200	20	444.4	JUNCTION W/ RTE. C
648+75.36	-	US 136 / RTE. 85	200	24	533.3	JUNCTION W/ RTE. 85
1034+56.32	-	US 136 / RTE. EE	200	21	466.7	JUNCTION W/ RTE. EE
1059+90.72	-	US 136 / RTE. ZZ	200	24	533.3	JUNCTION W/ RTE. ZZ
1145+54.88	-	US 136 / RTE. D	200	24	533.3	JUNCTION W/ RTE. D
1252+46.88	-	US 136 / RTE. BB	200	27	600.0	JUNCTION W/ RTE. BB
6+24.95 AH.	8+24.95	RTE. 69	200	20	444.4	JUNCTION W/ RTE. 69 (SEE SHEET 9 FOR DETAILS)
					654.9	QUANTITY FOR PAVED ENTRANCES, SIDE ROADS, COUNTY ROADS
					<b>TOTAL</b>	<b>15867.8</b>
					<b>PAY TOTAL</b>	<b>15868</b>

RUMBLE STRIPS						
STA.	STA.	LOC.	LENGTH FT.	BITUMINOUS SHOULDER RUMBLE STRIP STA.	BITUMINOUS CENTERLINE RUMBLE STRIP STA.	REMARKS
0+00.00	190+50.24	US 136	19050.24	381.00	190.50	BEG. OF PROJECT TO BR. A4520
194+42.24	199+32.00	US 136	489.76	9.80	4.90	BR. A4520 TO BR. A4521
201+33.00	399+96.00	US 136	19863.00	397.26	198.63	BR. A4521 TO END OF SEC #1
614+96.16	1051+77.60	US 136	43681.44	873.63	436.81	BEG. OF SEC #2 TO BR. A6490
1053+49.00	1398+24.96	US 136	34475.96	689.52	344.76	BR. A6490 TO BR. G0385
1402+48.96	1491+60.00	US 136	12142.40	242.85	121.42	BR. G0385 TO BETHANY
1519+84.36	1521+85.24	US 136	200.88	-	2.01	INTERSECTION OF 136/69/13 AT END OF PROJ. (SEE SHEET 25 FOR DETAILS)
1519+84.36	1522+62.31	US 136 RT.	277.95	2.78	-	INTERSECTION OF 136/69/13 AT END OF PROJ. (SEE SHEET 25 FOR DETAILS)
1519+84.36	1523+42.61	US 136 LT.	358.25	3.58	-	INTERSECTION OF 136/69/13 AT END OF PROJ. (SEE SHEET 25 FOR DETAILS)
618+02.40	694+10.88	US 136	7608.48	-152.17	-76.08	NO RUMBLES - ALBANY CITY LIMITS
1019+09.28	1063+65.60	US 136	4456.32	-89.13	-44.56	NO RUMBLES - NEW HAMPTON CITY LIMITS
				-232.00	-	LESS QUANTITY FOR ACCESSES
			<b>TOTALS</b>	<b>2127.12</b>	<b>1178.39</b>	
			<b>PAY TOTALS</b>	<b>2127.1</b>	<b>1178.4</b>	

MOBILIZATION  
LUMP SUM = 1

SUMMARY OF QUANTITIES  
SHEET 1 OF 6



DATE PREPARED  
**7/6/2023**

ROUTE **136** STATE **MO**

DISTRICT **NW** SHEET NO. **3**

COUNTY  
**GENTRY/HARRISON**

JOB NO.  
**J1P3235**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

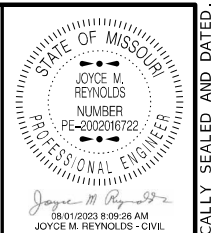
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RESURFACING									
STA.	STA.	LOCATION	LENGTH FT.	WIDTH FT.	DEPTH IN.	VOLUME CY	BITUMINOUS PAVEMENT MIXTURE PG58-28H TONS	TACK COAT GAL	REMARKS
0+00.00	190+50.24	US 136	19050.24	28	2	3292.63	6519.41	4741.4	BEGINNING OF PROJECT TO W OF BR. A4520
194+42.24	199+32.00	US 136	489.76	28	2	84.65	167.61	121.9	E OF BR. A4520 TO W OF BR. A4521
201+33.00	214+31.52	US 136	1298.52	28	2	224.44	444.39	323.2	E OF BR. A4521
214+31.52	223+60.80	US 136	929.28	36	2	206.51	408.89	297.4	10' PAVED SHOULDER LT. , 2' PAVED SHOULDER RT.
223+60.80	399+96.00	US 136	17635.20	28	2	3048.06	6035.16	4389.2	2' PAVED SHOULDER RT. AND LT. (END OF SEC. #1)
614+96.16	618+12.96	US 136	316.80	44	2	86.04	170.36	123.9	BEG. OF SEC #2 - 10' PAVED SHOULDER LT. AND RT.
618+12.96	977+69.76	US 136	35956.80	28	2	6214.76	12305.22	8949.2	2' PAVED SHOULDER RT. AND LT. , 12' LANES
977+69.76	1051+77.60	US 136	7407.84	26	2	1188.91	2354.04	1712.0	W OF BR. A6490 - 2' PAVED SHOULDER LT. AND RT. , 11' LANES
1053+49.00	1062+01.92	US 136	852.92	26	2	136.89	271.04	197.1	E OF BR. A6490
1062+01.92	1203+31.20	US 136	14129.28	28	2	2442.10	4835.36	3516.6	2' PAVED SHOULDER, 12' LANES - W OF BR. F0157
1204+52.20	1398+24.96	US 136	19372.76	28	2	3348.38	6629.79	4821.7	E OF BR. F0157 TO W OF BR. G0385
1402+48.96	1520+48.16	US 136	11799.20	28	2	2039.37	4037.95	2936.7	E OF BR. G0385
1520+48.16	1523+91.36	US 136	343.20	32	2	67.79	134.22	97.6	E OF BR. G0385 TO END OF PROJECT, 4' PAVED SHOULDER
51+53.28	-	US 136 / RTE. B	65	154	2	61.79	122.34	89.0	RTE. B RADIUS
206+18.40	-	US 136 / RTE. F	50	140	2	43.21	85.56	62.2	RTE. F RADIUS
359+62.08	-	US 136 / RTE. 169	50	124	2	38.27	75.77	55.1	RTE. 169 RADIUS
359+62.08	-	US 136 / RTE. H	50	124	2	38.27	75.77	55.1	RTE. H RADIUS
648+75.36	-	US 136 / RTE. C	70	95	2	41.05	81.28	59.1	RTE. C RADIUS
648+75.36	-	US 136 / RTE. 85	70	95	2	41.05	81.28	59.1	RTE. 85 RADIUS
1034+56.32	-	US 136 / RTE. EE	52	94	2	30.17	59.74	43.4	RTE. EE RADIUS
1059+90.72	-	US 136 / RTE. ZZ	38	76	2	17.83	35.30	25.7	RTE. ZZ RADIUS
1145+54.88	-	US 136 / RTE. D	110	205	2	139.20	275.62	200.4	RTE. D RADIUS
1252+46.88	-	US 136 / RTE. BB	60	136	2	50.37	99.73	72.5	RTE. BB RADIUS
1424+36.35	-	US 136 / RTE. 69	370	18	2	41.11	81.40	59.2	RTE. 69 ENTRANCE RAMP (SEE SHEET 9 FOR DETAILS)
1432+13.35	-	US 136 / RTE. 69	230	18	2	25.56	50.61	36.8	RTE. 69 EXIT RAMP (SEE SHEET 9 FOR DETAILS)
5+00.00	5+40.00	RTE. 69	40	90	2	22.22	44.00	32.0	RTE. 69 RADIUS (SEE SHEET 9 FOR DETAILS)
5+40.00	8+12.52 BK.	RTE. 69	272.52	20	2	33.64	66.61	48.4	RTE. 69 (SEE SHEET 9 FOR DETAILS)
								773.9	QUANTITY FOR MILLED AREAS
							902.71		ADDITIONAL 2% FOR SAFETY EDGE
							1227.10		50 TONS PER MILE FOR SURFACE IRREGULARITIES
						TOTALS	47678.26	33899.8	
						PAY TOTALS	47678.3	33900	

AGGREGATE									
STA.	STA.	LOC.	LENGTH FT.	WIDTH FT.	DEPTH INCH	VOLUME CY	PERMANENT AGGREGATE EDGE TREATMENT TONS	GRAVEL (A) OR CRUSHED STONE (B) TONS	REMARKS
0+00.00	185+59.20	US 136	18559.20	4	2	916.50	-	1283.1	4' AGGREGATE SHOULDER
185+59.20	190+50.24	US 136	491.04	6	2	36.37	-	50.9	6' AGGREGATE SHOULDER - W OF BR. A4520
194+42.24	199+32.00	US 136	489.76	6	2	36.28	-	50.8	6' AGGREGATE SHOULDER - E OF BR. A4520 TO W OF BR. A4521
201+33.00	207+34.56	US 136	601.56	6	2	44.56	-	62.4	6' AGGREGATE SHOULDER - E OF BR. A4521
207+34.56	214+31.52	US 136	696.96	4	2	34.42	-	48.2	4' AGGREGATE SHOULDER
214+31.52	223+60.80	US 136 RT.	929.28	4	2	22.95	-	32.1	4' AGGREGATE SHOULDER RIGHT - 10' PAVED LEFT
214+31.52	223+60.80	US 136 LT.	929.28	2	2	11.47	18.35	-	4' AGGREGATE SHOULDER RIGHT - 10' PAVED LEFT
223+60.80	367+59.36	US 136	14398.56	4	2	711.04	-	995.5	4' AGGREGATE SHOULDER
367+59.36	399+96.00	US 136	3236.64	6	2	239.75	-	335.7	6' AGGREGATE SHOULDER
614+96.16	618+12.96	US 136	316.80	2	2	7.82	12.51	-	BEG. OF SEC. #2 - 10' PAVED SHOULDER
629+90.40	977+96.76	US 136	34806.36	3	2	1289.12	-	1804.8	3' AGGREGATE SHOULDER
977+69.76	1051+77.60	US 136	7407.84	2	2	182.91	-	256.1	2' AGGREGATE SHOULDER - W OF BR. A6490
1053+49.00	1398+24.96	US 136	34475.96	2	2	851.26	-	1191.8	2' AGGREGATE SHOULDER - E OF BR. A6491 TO W OF BR. G0385
1402+48.96	1520+48.16	US 136	11799.20	2	2	291.34	-	407.9	2' AGGREGATE SHOULDER - E OF BR. G0386
1520+48.16	1523+91.36	US 136	343.20	6	2	25.42	-	35.6	6' AGGREGATE SHOULDER
								464.0	QUANTITIES FOR SIDE ROADS, PRIVATE & FIELD ENTRANCES
						TOTALS	30.86	7018.9	
						PAY TOTALS	30.9	7019	



DATE PREPARED  
7/6/2023  
ROUTE 136 STATE MO  
DISTRICT NW SHEET NO. 3

COUNTY  
GENTRY/HARRISON  
JOB NO.  
J1P3235

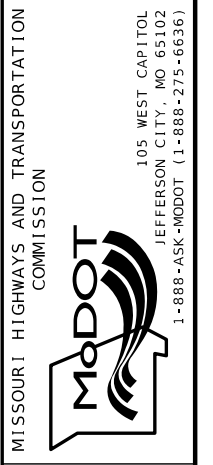
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

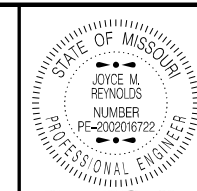
DATE



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKINGS (1 OF 3)						
STA.	STA.	LOC.	LENGTH FT.	4" YELLOW HIGH BUILD WATERBORNE PVMT. MARKING PAINT TYPE L BEADS LF	6" WHITE HIGH BUILD WATERBORNE PVMT. MARKING PAINT TYPE L BEADS LF	REMARKS
0+00.00	2+11.20	US 136	211.20	52.8	422.4	INT. YELLOW CL
2+11.20	20+01.12	US 136	1789.92	3579.8	3579.8	DOUBLE YELLOW
20+01.12	27+40.32	US 136	739.20	924.0	1478.4	INT. LEFT, SOLID RIGHT
27+40.32	99+05.28	US 136	7164.96	14329.9	14329.9	DOUBLE YELLOW
99+05.28	106+39.20	US 136	733.92	917.4	1467.8	INT. RIGHT, SOLID LEFT
106+39.20	108+50.40	US 136	211.20	422.4	422.4	DOUBLE YELLOW
108+50.40	115+94.88	US 136	744.48	930.6	1489.0	INT. LEFT, SOLID RIGHT
115+94.88	123+34.08	US 136	739.20	1478.4	1478.4	DOUBLE YELLOW
123+34.08	131+78.88	US 136	844.80	1056.0	1689.6	INT. RIGHT, SOLID LEFT
131+78.88	137+01.60	US 136	522.72	130.7	1045.4	INT. YELLOW CL
137+01.60	145+46.40	US 136	844.80	1056.0	1689.6	INT. LEFT, SOLID RIGHT
145+46.40	147+62.88	US 136	216.48	54.1	433.0	INT. YELLOW CL
147+62.88	156+02.40	US 136	839.52	1049.4	1679.0	INT. RIGHT, SOLID LEFT
156+02.40	184+53.60	US 136	2851.20	712.8	5702.4	INT. YELLOW CL
184+53.60	194+04.00	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
194+04.00	196+15.20	US 136	211.20	422.4	422.4	DOUBLE YELLOW
196+15.20	204+54.72	US 136	839.52	1049.4	1679.0	INT. RIGHT, SOLID LEFT
204+54.72	234+11.52	US 136	2956.80	739.2	5913.6	INT. YELLOW CL
234+11.52	244+62.24	US 136	1050.72	1313.4	2101.4	INT. LEFT, SOLID RIGHT
244+62.24	248+84.64	US 136	422.40	844.8	844.8	DOUBLE YELLOW
248+84.64	259+35.36	US 136	1050.72	1313.4	2101.4	INT. RIGHT, SOLID LEFT
259+35.36	264+63.36	US 136	528.00	132.0	1056.0	INT. YELLOW CL
264+63.36	275+19.36	US 136	1056.00	1320.0	2112.0	INT. LEFT, SOLID RIGHT
275+19.36	279+41.76	US 136	422.40	844.8	844.8	DOUBLE YELLOW
279+41.76	289+92.48	US 136	1050.72	1313.4	2101.4	INT. RIGHT, SOLID LEFT
289+92.48	293+14.56	US 136	322.08	80.5	644.2	INT. YELLOW CL
293+14.56	302+64.96	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
302+64.96	303+65.28	US 136	100.32	200.6	200.6	DOUBLE YELLOW
303+65.28	312+10.08	US 136	844.80	1056.0	1689.6	INT. RIGHT, SOLID LEFT
312+10.08	314+26.56	US 136	216.48	433.0	433.0	DOUBLE YELLOW
314+26.56	322+71.36	US 136	844.80	1056.0	1689.6	INT. LEFT, SOLID RIGHT
322+71.36	325+82.88	US 136	311.52	623.0	623.0	DOUBLE YELLOW
325+82.88	337+44.48	US 136	1161.60	1452.0	2323.2	INT. RIGHT, SOLID LEFT
337+44.48	360+72.96	US 136	2328.48	582.1	4657.0	INT. YELLOW CL
360+72.96	371+23.68	US 136	1050.72	1313.4	2101.4	INT. LEFT, SOLID RIGHT
371+23.68	379+68.48	US 136	844.80	1056.0	1689.6	INT. RIGHT, SOLID LEFT
379+68.48	382+80.00	US 136	311.52	623.0	623.0	DOUBLE YELLOW
382+80.00	390+24.48	US 136	744.48	930.6	1489.0	INT. LEFT, SOLID RIGHT
390+24.48	392+35.68	US 136	211.20	422.4	422.4	DOUBLE YELLOW
392+35.68	399+96.00	US 136	760.32	950.4	1520.6	INT. RIGHT, SOLID LEFT
618+02.40	635+07.84	US 136	1705.44	426.4	3410.9	INT. YELLOW CL
635+07.84	644+52.96	US 136	945.12	1181.4	1890.2	INT. LEFT, SOLID RIGHT
644+52.96	657+14.88	US 136	1261.92	2523.8	2523.8	DOUBLE YELLOW
657+14.88	665+64.96	US 136	850.08	1062.6	1700.2	INT. RIGHT, SOLID LEFT
665+64.96	680+38.08	US 136	1473.12	368.3	2946.2	INT. YELLOW CL
680+38.08	689+88.48	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
689+88.48	694+10.88	US 136	422.40	844.8	844.8	DOUBLE YELLOW
694+10.88	701+50.08	US 136	739.20	924.0	1478.4	INT. RIGHT, SOLID LEFT
701+50.08	704+61.60	US 136	311.52	623.0	623.0	DOUBLE YELLOW
704+61.60	709+89.60	US 136	528.00	660.0	1056.0	INT. LEFT, SOLID RIGHT
709+89.60	710+95.20	US 136	105.60	26.4	211.2	INT. YELLOW CL
710+95.20	718+39.68	US 136	744.48	930.6	1489.0	INT. RIGHT, SOLID LEFT
718+39.68	721+51.20	US 136	311.52	623.0	623.0	DOUBLE YELLOW
721+51.20	727+84.80	US 136	633.60	792.0	1267.2	INT. LEFT, SOLID RIGHT
727+84.80	740+57.28	US 136	1272.48	2545.0	2545.0	DOUBLE YELLOW
740+57.28	748+96.80	US 136	839.52	1049.4	1679.0	INT. RIGHT, SOLID LEFT
748+96.80	751+08.00	US 136	211.20	422.4	422.4	DOUBLE YELLOW
751+08.00	758+47.20	US 136	739.20	924.0	1478.4	INT. LEFT, SOLID RIGHT
758+47.20	771+14.40	US 136	1267.20	2534.4	2534.4	DOUBLE YELLOW
771+14.40	780+59.52	US 136	945.12	1181.4	1890.2	INT. RIGHT, SOLID LEFT
SUBTOTALS (1 OF 3)				69973.0	112505.8	



DATE PREPARED  
7/6/2023

ROUTE  
136

STATE  
MO

DISTRICT  
NW

SHEET NO.  
3

COUNTY  
GENENTRY/HARRISON

JOB NO.  
J1P3235

CONTRACT ID.

PROJECT NO.

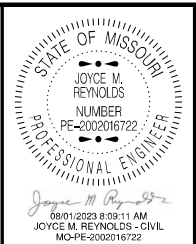
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



DATE PREPARED  
**7/6/2023**

ROUTE <b>136</b>	STATE <b>MO</b>
DISTRICT <b>NW</b>	SHEET NO. <b>3</b>

COUNTY  
**GENTRY/HARRISON**

JOB NO.  
**J1P3235**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

PAVEMENT MARKINGS (2 OF 3)						
STA.	STA.	LOC.	LENGTH FT.	4" YELLOW HIGH BUILD WATERBORNE PVMT. MARKING PAINT TYPE L BEADS LF	6" WHITE HIGH BUILD WATERBORNE PVMT. MARKING PAINT TYPE L BEADS LF	REMARKS
780+59.52	793+26.72	US 136	1267.20	316.8	2534.4	INT. YELLOW CL
793+26.72	800+65.92	US 136	739.20	924.0	1478.4	INT. LEFT, SOLID RIGHT
800+65.92	803+88.00	US 136	322.08	80.5	644.2	INT. YELLOW CL
803+88.00	810+16.32	US 136	628.32	785.4	1256.6	INT. RIGHT, SOLID LEFT
810+16.32	813+38.40	US 136	322.08	80.5	644.2	INT. YELLOW CL
813+38.40	822+83.52	US 136	945.12	1181.4	1890.2	INT. LEFT, SOLID RIGHT
822+83.52	830+17.44	US 136	733.92	1467.8	1467.8	DOUBLE YELLOW
830+17.44	841+79.04	US 136	1161.60	1452.0	2323.2	INT. RIGHT, SOLID LEFT
841+79.04	846+06.72	US 136	427.68	106.9	855.4	INT. YELLOW CL
846+06.72	855+57.12	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
855+57.12	866+07.84	US 136	1050.72	2101.4	2101.4	DOUBLE YELLOW
866+07.84	875+58.24	US 136	950.40	1188.0	1900.8	INT. RIGHT, SOLID LEFT
875+58.24	886+08.96	US 136	1050.72	262.7	2101.4	INT. YELLOW CL
886+08.96	893+58.72	US 136	749.76	937.2	1499.5	INT. LEFT, SOLID RIGHT
893+58.72	895+59.36	US 136	200.64	50.2	401.3	INT. YELLOW CL
895+59.36	903+03.84	US 136	744.48	930.6	1489.0	INT. RIGHT, SOLID LEFT
903+03.84	906+20.64	US 136	316.80	79.2	633.6	INT. YELLOW CL
906+20.64	914+60.16	US 136	839.52	1049.4	1679.0	INT. LEFT, SOLID RIGHT
914+60.16	916+76.64	US 136	216.48	54.1	433.0	INT. YELLOW CL
916+76.64	924+15.84	US 136	739.20	924.0	1478.4	INT. RIGHT, SOLID LEFT
924+15.84	929+43.84	US 136	528.00	132.0	1056.0	INT. YELLOW CL
929+43.84	939+99.84	US 136	1056.00	1320.0	2112.0	INT. LEFT, SOLID RIGHT
939+99.84	942+05.76	US 136	205.92	411.8	411.8	DOUBLE YELLOW
942+05.76	952+67.04	US 136	1061.28	1326.6	2122.6	INT. RIGHT, SOLID LEFT
952+67.04	956+89.44	US 136	422.40	105.6	844.8	INT. YELLOW CL
956+89.44	967+45.44	US 136	1056.00	1320.0	2112.0	INT. LEFT, SOLID RIGHT
967+45.44	1020+20.16	US 136	5274.72	10549.4	10549.4	DOUBLE YELLOW
1020+20.16	1030+81.44	US 136	1061.28	1326.6	2122.6	INT. RIGHT, SOLID LEFT
1030+81.44	1032+92.64	US 136	211.20	52.8	422.4	INT. YELLOW CL
1032+92.64	1041+42.72	US 136	850.08	1062.6	1700.2	INT. LEFT, SOLID RIGHT
1041+42.72	1099+40.16	US 136	5797.44	11594.9	11594.9	DOUBLE YELLOW
1099+40.16	1107+84.96	US 136	844.80	1056.0	1689.6	INT. RIGHT, SOLID LEFT
1107+84.96	1118+40.96	US 136	1056.00	264.0	2112.0	INT. YELLOW CL
1118+40.96	1127+91.36	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
1127+91.36	1166+45.76	US 136	3854.40	7708.8	7708.8	DOUBLE YELLOW
1166+45.76	1169+62.56	US 136	316.80	396.0	633.6	INT. RIGHT, SOLID LEFT
1169+62.56	1170+68.16	US 136	105.60	26.4	211.2	INT. YELLOW CL
1170+68.16	1181+24.16	US 136	1056.00	1320.0	2112.0	INT. LEFT, SOLID RIGHT
1181+24.16	1182+35.04	US 136	110.88	221.8	221.8	DOUBLE YELLOW
1182+35.04	1191+74.88	US 136	939.84	1174.8	1879.7	INT. RIGHT, SOLID LEFT
1191+74.88	1209+85.92	US 136	1811.04	452.8	3622.1	INT. YELLOW CL
1209+85.92	1220+36.64	US 136	1050.72	1313.4	2101.4	INT. LEFT, SOLID RIGHT
1220+36.64	1223+48.16	US 136	311.52	623.0	623.0	DOUBLE YELLOW
1223+48.16	1231+98.24	US 136	850.08	1062.6	1700.2	INT. RIGHT, SOLID LEFT
1231+98.24	1238+26.56	US 136	628.32	157.1	1256.6	INT. YELLOW CL
1238+26.56	1247+71.68	US 136	945.12	1181.4	1890.2	INT. LEFT, SOLID RIGHT
1247+71.68	1270+94.88	US 136	2323.20	4646.4	4646.4	DOUBLE YELLOW
1270+94.88	1279+39.68	US 136	844.80	1056.0	1689.6	INT. RIGHT, SOLID LEFT
1279+39.68	1284+72.96	US 136	533.28	133.3	1066.6	INT. YELLOW CL
1284+72.96	1294+23.36	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
1294+23.36	1297+40.16	US 136	316.80	633.6	633.6	DOUBLE YELLOW
1297+40.16	1304+74.08	US 136	733.92	917.4	1467.8	INT. RIGHT, SOLID LEFT
1304+74.08	1306+90.56	US 136	216.48	433.0	433.0	DOUBLE YELLOW
1306+90.56	1311+07.68	US 136	417.12	521.4	834.2	INT. LEFT, SOLID RIGHT
1311+07.68	1312+13.28	US 136	105.60	211.2	211.2	DOUBLE YELLOW
1312+13.28	1320+63.36	US 136	850.08	1062.6	1700.2	INT. RIGHT, SOLID LEFT
1320+63.36	1321+68.96	US 136	105.60	211.2	211.2	DOUBLE YELLOW
1321+68.96	1331+19.36	US 136	950.40	1188.0	1900.8	INT. LEFT, SOLID RIGHT
1331+19.36	1383+99.36	US 136	5280.00	10560.0	10560.0	DOUBLE YELLOW
1383+99.36	1393+49.76	US 136	950.40	1188.0	1900.8	INT. RIGHT, SOLID LEFT
SUBTOTALS (2 OF 3)				86458.6	122580.5	

REMOVAL OF IMPROVEMENTS			
STA.	STA.	LOC.	DESCRIPTION
188+49.60	195+78.24	RTE. 136 RT.	REMOVE 250' GUARDRAIL E AND W OF BR. A4520
189+12.96	196+41.60	RTE. 136 LT.	REMOVE 255' GUARDRAIL E AND W OF BR. A4520
197+26.08	202+54.08	RTE. 136 RT.	REMOVE 250' GUARDRAIL E AND W OF BR. A4521
198+10.56	203+38.56	RTE. 136 LT.	REMOVE 255' GUARDRAIL E AND W OF BR. A4521
1049+45.28	1054+62.72	RTE. 136 RT.	REMOVE 420' GUARDRAIL E AND W OF BR. A6490
1050+66.72	1055+78.88	RTE. 136 LT.	REMOVE 420' GUARDRAIL E AND W OF BR. A6490
1201+25.28	1205+68.80	RTE. 136 RT.	REMOVE 260' GUARDRAIL E AND W OF BR. F0157
1202+20.32	1206+63.84	RTE. 136 LT.	REMOVE 200' GUARDRAIL E AND W OF BR. F0157
1396+24.32	1403+63.52	RTE. 136 RT.	REMOVE 250' GUARDRAIL E AND W OF BR. G0385
1397+08.80	1404+48.00	RTE. 136 LT.	REMOVE 250' GUARDRAIL E AND W OF BR. G0385

1 = LUMP SUM

DESCRIPTION DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



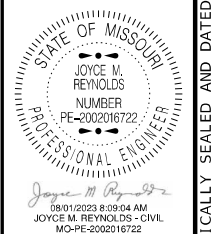
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SUMMARY OF QUANTITIES  
SHEET 4 OF 6

PAVEMENT MARKINGS (3 OF 3)									
STA.	STA.	LOCATION	LENGTH FT.	COLD APPLIED TAPE PAVEMENT MARKING 24 IN. WHITE LF	4 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	24 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING TYPE L BEADS LF	REMARKS
1393+49.76	1456+80.48	US 136	6330.72		1582.7	12661.4			INT. YELLOW CL
1424+76.35 (US 136)	8+12.52 BK. (RTE. 69)	US 136 RT. / RTE. 69 RT.				491.0			EDGE LINE, INCLUDES RAMP (SEE SHEET 24)
6+24.95 AH.	7+00.00	RTE. 69 RT.				75.0			EDGE LINE (SEE SHEET 24)
1425+06.30 (US 136)	7+09.00 (RTE. 69)	US 136 RT. / RTE. 69 RT.					281.0		LT. EDGE LINE OF RAMP (SEE SHEET 24)
1425+06.30 (US 136)	7+09.00 (RTE. 69)	US 136 RT. / RTE. 69 RT.				372.0			EDGE LINE, INCLUDES RADIUS (SEE SHEET 24)
5+16.00**	8+12.52 BK. (RTE. 69)	RTE. 69			593.0				DOUBLE YELLOW CL (SEE SHEET 24)
6+24.95 AH.	7+00.00	RTE. 69			150.0				DOUBLE YELLOW CL (SEE SHEET 24)
5+16.00**	-	RTE. 69 LT.		12.0					STOP BAR (SEE SHEET 24)
7+00.00	6+24.95 AH.	RTE. 69 LT.				75.0			EDGE LINE (SEE SHEET 24)
8+12.52 BK. (RTE. 69)	1432+13.35 (US 136)	US 136 RT. / RTE. 69 LT.				615.0			EDGE LINE, INCLUDES RAMP (SEE SHEET 24)
6+01.00 (RTE. 69)	1429+31.96 (US 136)	US 136 RT. / RTE. 69 LT.					146.0		LT. EDGE LINE OF RAMP (SEE SHEET 24)
6+01.00 (RTE. 69)	1429+31.96 (US 136)	US 136 RT. / RTE. 69 LT.				185.0			EDGE LINE, INCLUDES RADIUS (SEE SHEET 24)
1456+80.48	1466+25.60	US 136	945.12		1181.4	1890.2			INT. LEFT, SOLID RIGHT
1466+25.60	1479+98.40	US 136	1372.80		2745.6	2745.6			DOUBLE YELLOW
1479+98.40	1488+43.20	US 136	844.80		1056.0	1689.6			INT. RIGHT, SOLID LEFT
1488+43.20	1519+84.36	US 136	3141.16		785.3	6282.3			INT. YELLOW CL
1519+84.36 (RTE. 136/69 W)	107+5.00 (RTE. 136/69 N)	RTE. 136/69 W LT. / RTE. 136/69 N LT.				605.0			EDGE LINE (SEE SHEET 25)
1519+84.36	1521+85.24	RTE. 136/69 W			416.0				DOUBLE YELLOW CL (SEE SHEET 25)
1521+85.24	1523+91.36	RTE. 136/69 W			751.0			44.0	PAINTED MEDAIN - 25' HASH BAR SPACING (SEE SHEET 25)
1523+88.36	-	RTE. 136/69 W RT.		12.0					STOP BAR
1523+34.61	1524+02.36	RTE. 136/69 W RT.			66.0	95.0			ISLAND MARKINGS (SEE PAGE 25)
1519+84.36 (RTE. 136/69 W)	35+97.00 (RTE. 13)	RTE. 136/69 W RT. / RTE. 13 RT.				487.0			EDGE LINE (SEE PAGE 25)
			SUBTOTALS (3 OF 3)	24.0	9327.0	28269.1	427.0	44.0	
			TOTALS	24.0	165758.6	263355.4	427.0	44.0	
			PAY TOTALS	24	165759	263355	427	44	

GUARDRAIL								
STA.	STA.	LOC.	LENGTH FT.	MGS GUARDRAIL LF	TYPE A CRASHWORTHY END TERMINAL (MASH) EACH	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB) EACH	SHAPING SLOPES CLASS III 100 FT	REMARKS
188+51.04	190+51.79	RTE. 136 RT.	200.75	87.5	1	1	2.01	BR. A4520
189+15.44	190+28.69	RTE. 136 LT.	113.25	-	1	1	1.13	
194+40.69	196+41.44	RTE. 136 LT.	200.75	87.5	1	1	2.01	
194+63.79	195+77.04	RTE. 136 RT.	113.25	-	1	1	1.13	
197+24.25	199+25.00	RTE. 136 RT.	200.75	87.5	1	1	2.01	BR. A4521
198+11.75	199+25.00	RTE. 136 LT.	113.25	-	1	1	1.13	
201+40.00	202+40.75	RTE. 136 LT.	200.75	87.5	1	1	2.01	
201+40.00	202+53.25	RTE. 136 RT.	113.25	-	1	1	1.13	
1049+18.81	1051+44.56	RTE. 136 RT.	225.75	112.5	1	1	2.26	BR. A6490
1050+29.92	1051+80.67	RTE. 136 LT.	150.75	37.5	1	1	1.51	
1053+47.27	1054+98.02	RTE. 136 RT.	150.75	37.5	1	1	1.51	
1053+80.74	1056+06.49	RTE. 136 LT.	225.75	112.5	1	1	2.26	
1201+25.09	1203+25.84	RTE. 136 RT.	200.75	87.5	1	1	2.01	BR. F0157
1204+47.20	1205+22.95	RTE. 136 RT.	75.75	-	1	1	0.76	
1204+57.92	1205+33.67	RTE. 136 LT.	75.75	-	1	1	0.76	
1396+24.21	1398+24.96	RTE. 136 RT.	200.75	87.5	1	1	2.01	BR. G0385
1397+11.71	1398+24.96	RTE. 136 LT.	113.25	-	1	1	1.13	
1402+48.96	1403+62.21	RTE. 136 RT.	113.25	-	1	1	1.13	
1402+48.96	1404+49.71	RTE. 136 LT.	200.75	87.5	1	1	2.01	
			TOTALS	912.5	19	19	29.91	
			PAY TOTALS	913	19	19	30	

SUMMARY OF QUANTITIES  
SHEET 5 OF 6



DATE PREPARED  
7/6/2023  
ROUTE 136 STATE MO  
DISTRICT NW SHEET NO. 3

COUNTY  
GENTRY/HARRISON  
JOB NO.  
J1P3235  
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.



SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NUM.		
<b>WARNING SIGNS</b>								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
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	18	288.00			11	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 (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
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 (WITH FLAGS)
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	67	1072.0			36	UNEVEN LANES
WO8-12	48X48	16.00	43	688.00			35	NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
WO10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2X	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	22	352.00			2	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	4	64.00			7	ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	22	352.00			8	FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						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	2	4.38				N/A WET PAINT (ARROW PIVOTS)

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NUM.		
<b>GUIDE SIGNS</b>								
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					1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00			26	END ROAD WORK
GO20-4	36X18	4.50	1	4.50			53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	2	17.50			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	4	6.00			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
<b>REGULATORY SIGNS</b>								
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						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						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						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
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (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						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						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
R11-4	60X30	12.50						LOCAL TRAFFIC ONLY
CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC
CONST-3X	56X12	4.67						FINE SIGN
<b>MISCELLANEOUS SIGNS</b>								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16.00			56	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00			59	WORK ZONE NO PHONE ZONE
<b>CONSTRUCTION SIGNS</b>								
				<b>TOTAL</b>				
616-10.05				2924				
<b>RELOCATED SIGNS</b>								
				<b>TOTAL</b>				
616-10.10				0				

NOTE:

THESE QUANTITIES WERE DEVELOPED USING TEMPORARY TRAFFIC CONTROL PLANS FOR PAVEMENT TREATMENTS FOR TWO-LANE ROADWAYS, STANDARD PLAN 616.20

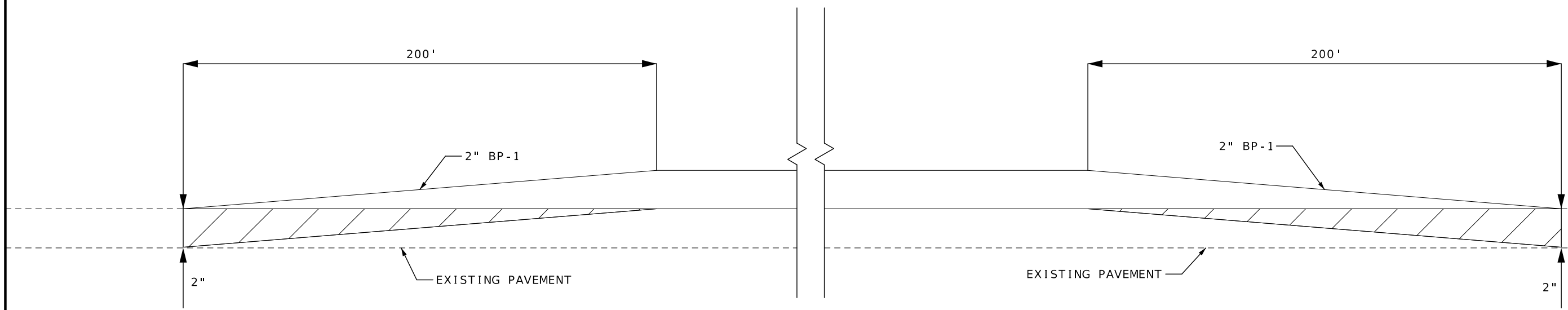
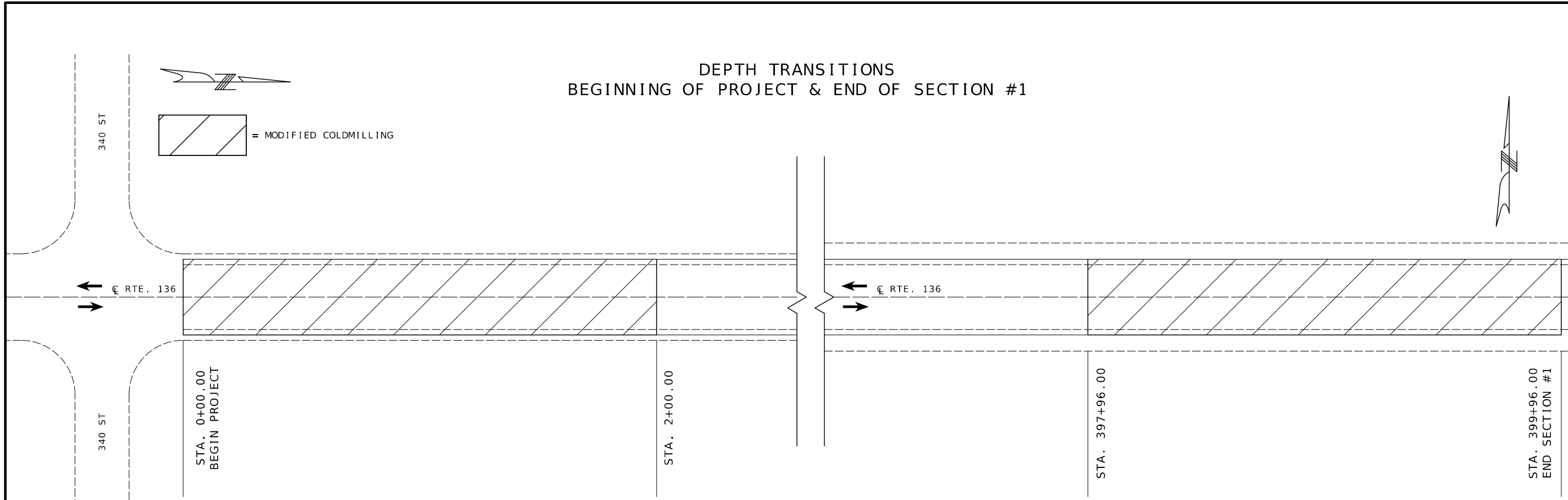
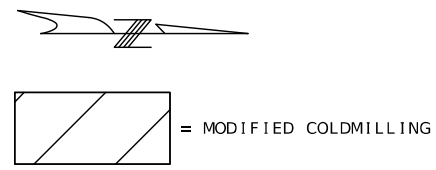
ITEM	TOTAL	DESCRIPTION
NUMBER	QTY	
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	343	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III 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 W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

SUMMARY OF QUANTITIES SHEET 6 OF 6

DATE PREPARED: 8/14/2023

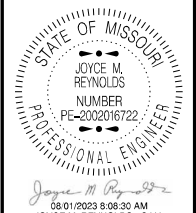
ROUTE: 136 STATE: MO

DEPTH TRANSITIONS  
BEGINNING OF PROJECT & END OF SECTION #1



NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 1 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 4

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

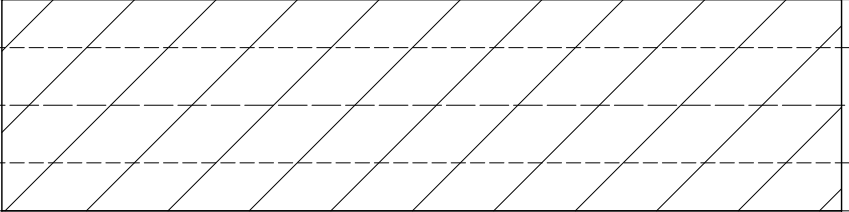
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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

DEPTH TRANSITION  
BEGINNING OF SECTION #2

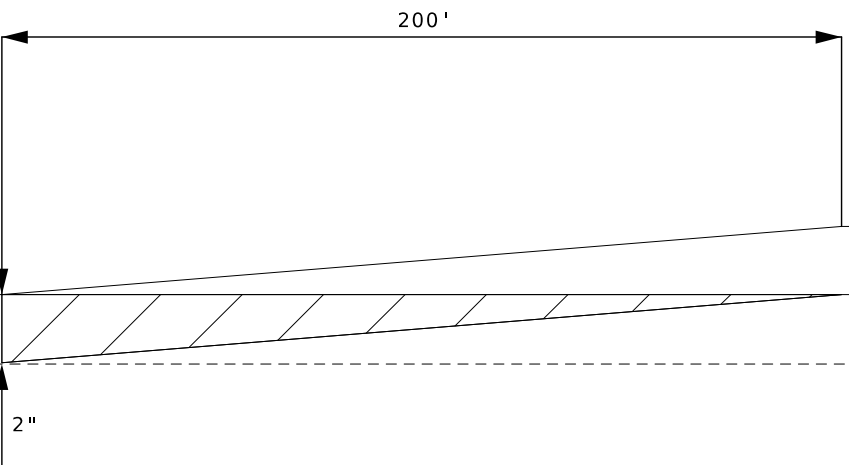
 = MODIFIED COLDMILLING

← RTE. 136  
→



STA. 614+96.16  
BEGIN SECTION #2

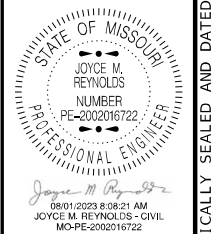
STA. 616+96.16



EXISTING PAVEMENT

NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 2 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 5

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



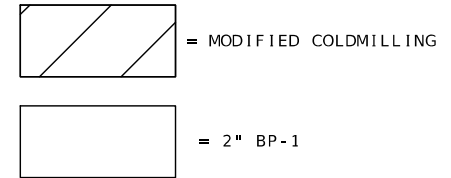
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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



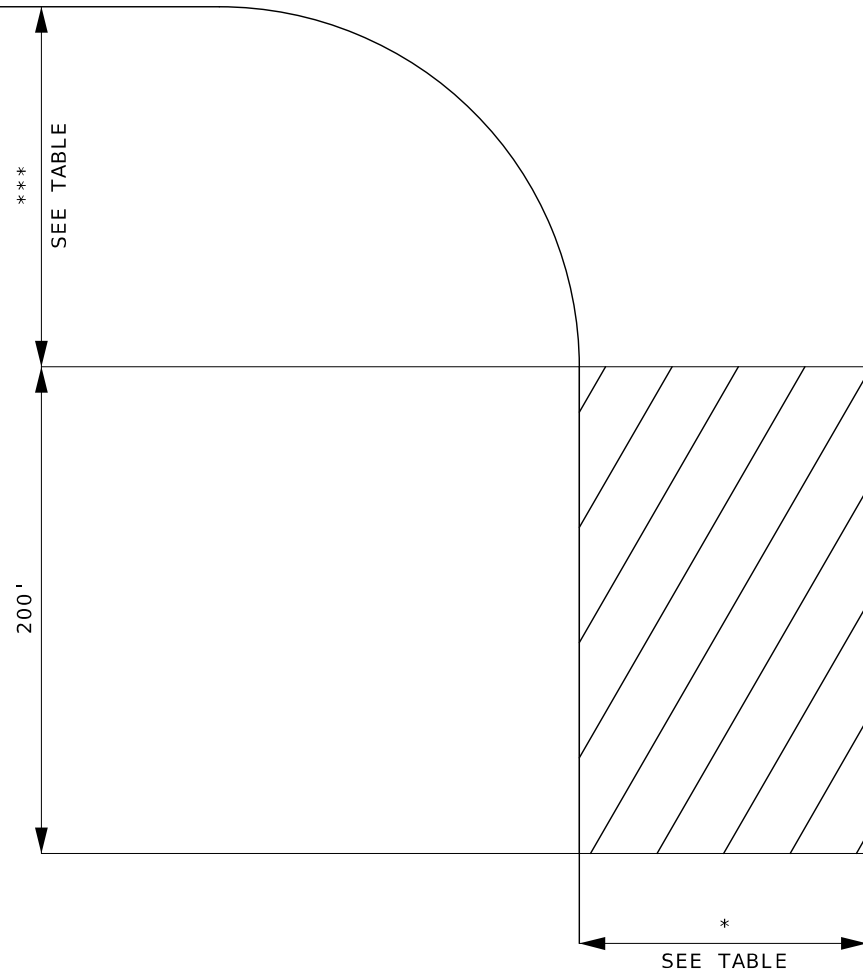


# DEPTH TRANSITIONS TYPICAL STATE ROUTE INTERSECTIONS



\*\* SEE TABLE

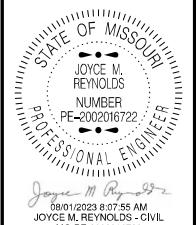
← C RTE. 136  
→



NOT TO SCALE

STATE ROUTE DIMENSION TABLE				
ROUTE NO.	JUNCTION STA.	* WIDTH FEET	** WIDTH FEET	*** LENGTH FEET
RTE. B	51+53.28	24	154	65
RTE. F	206+18.40	20	140	50
RTE. 169	359+62.08	24	124	50
RTE. H	359+62.08	24	124	50
RTE. C	648+75.36	20	95	70
RTE. 85 / BUS. 136	648+75.36	24	95	70
RTE. EE	1034+56.32	21	94	52
RTE. ZZ	1059+90.72	24	76	38
RTE. D	1145+54.88	24	205	110
RTE. BB	1252+46.88	27	136	60

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 5 OF 16



DATE PREPARED  
**7/6/2023**

ROUTE <b>136</b>	STATE <b>MO</b>
DISTRICT <b>NW</b>	SHEET NO. <b>8</b>

COUNTY  
**GENTRY/HARRISON**

JOB NO.  
**J1P3235**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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

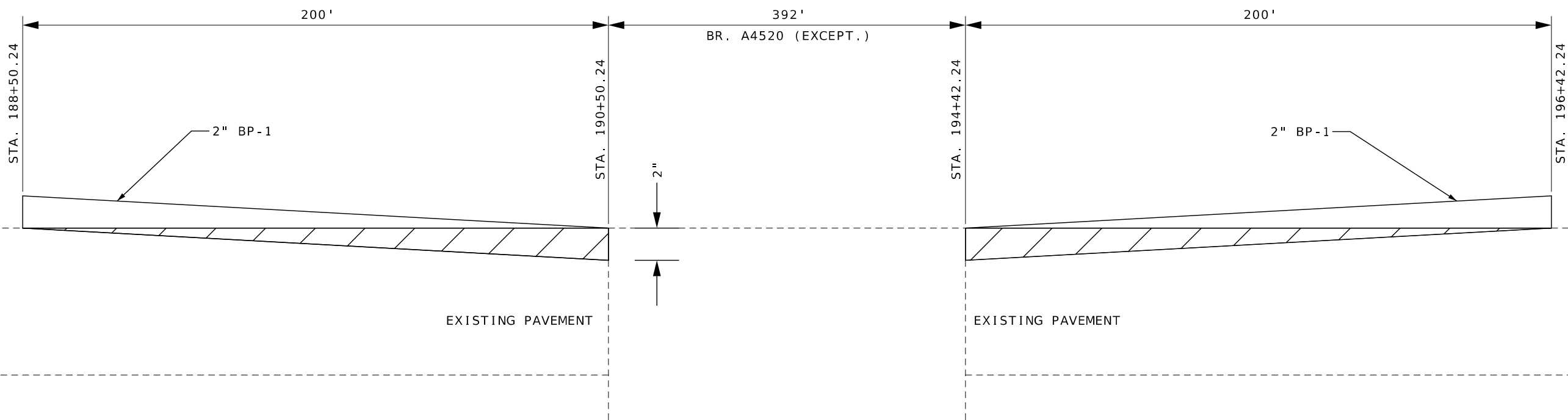
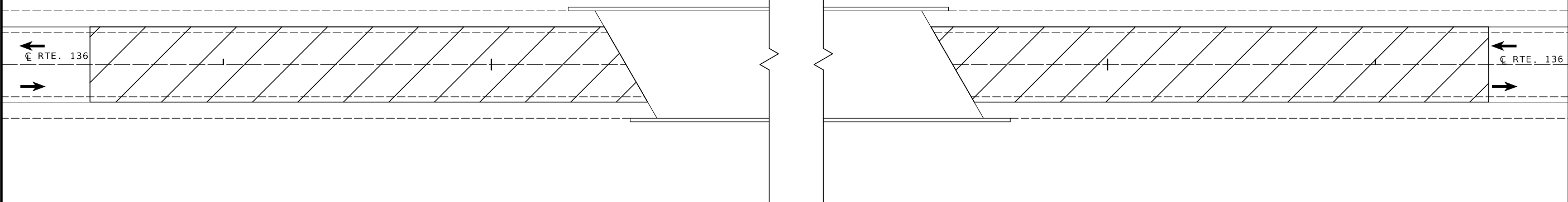


DEPTH TRANSITIONS  
BR. A4520 OVER GRAND RIVER

 = MODIFIED COLDMILLING

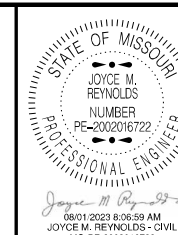
190

195



NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 7 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136 STATE MO

DISTRICT NW SHEET NO. 10

COUNTY GENTRY/HARRISON

JOB NO. J1P3235


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

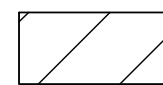


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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



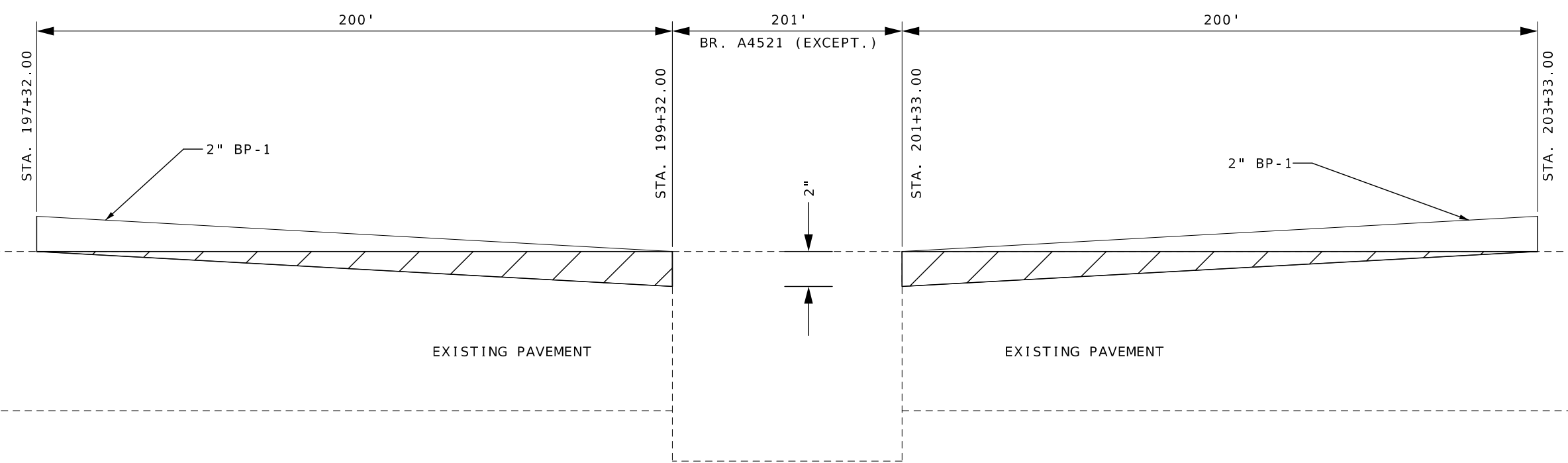
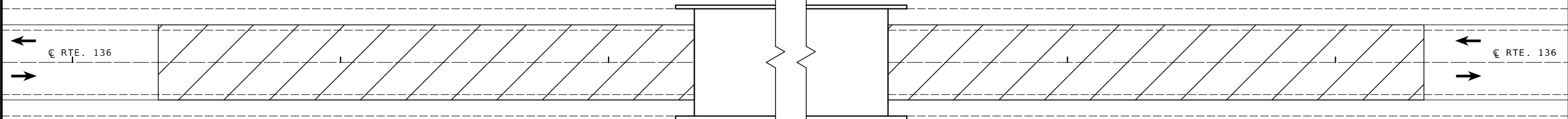
DEPTH TRANSITIONS  
BR. A4521 OVER GRAND RIVER



= MODIFIED COLDMILLING

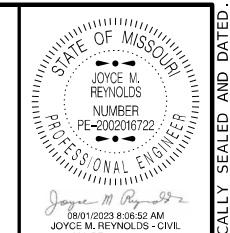
198

202



NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 8 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 11

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

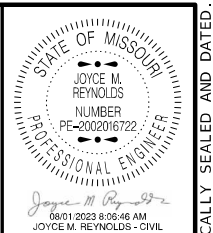
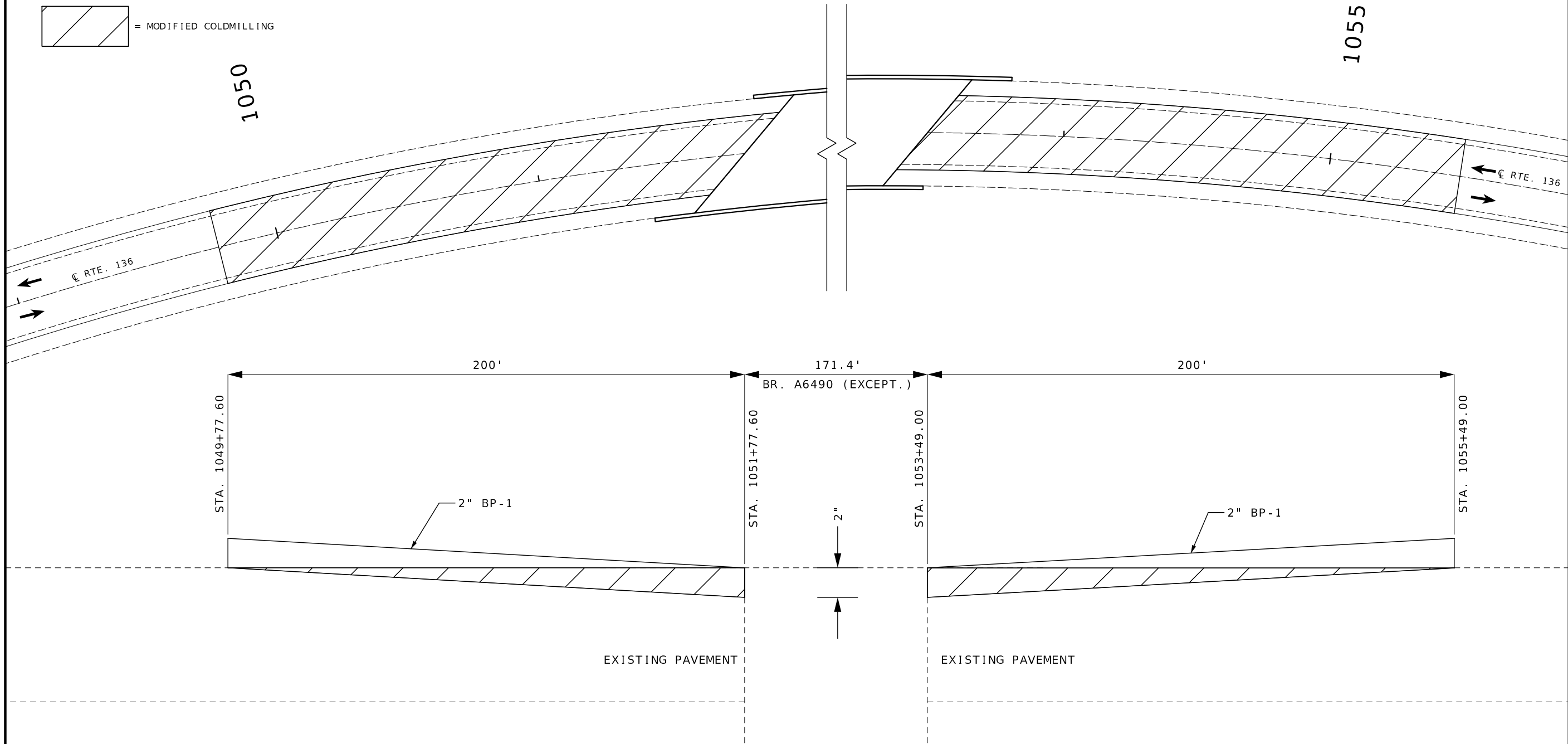
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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.

DEPTH TRANSITIONS  
BR. A6490 OVER SAMPSON CREEK

 = MODIFIED COLDMILLING



DATE PREPARED  
7/6/2023

ROUTE	STATE
136	MO
DISTRICT	SHEET NO.
NW	12

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235


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.

NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 9 OF 16

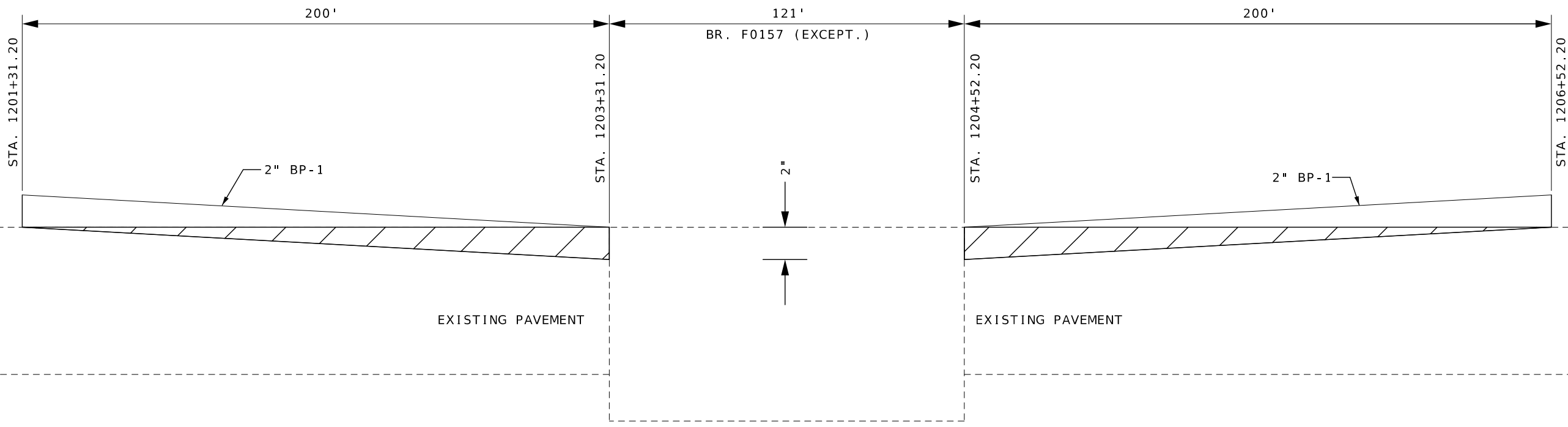
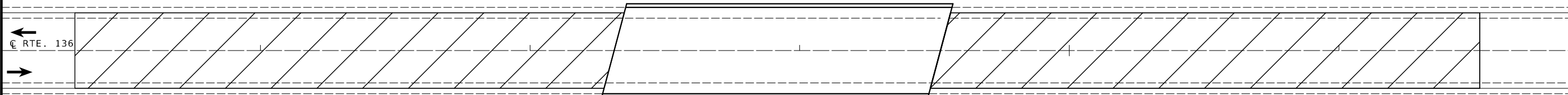
REV.

DEPTH TRANSITIONS  
BR. F0157 OVER WHITE OAK CREEK

1205

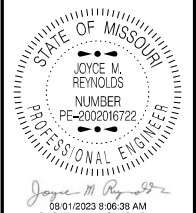


 = MODIFIED COLDMILLING



NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 10 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 13
COUNTY GENTRY/HARRISON	
JOB NO. J1P3235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

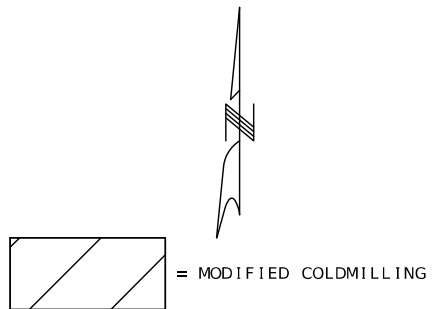
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

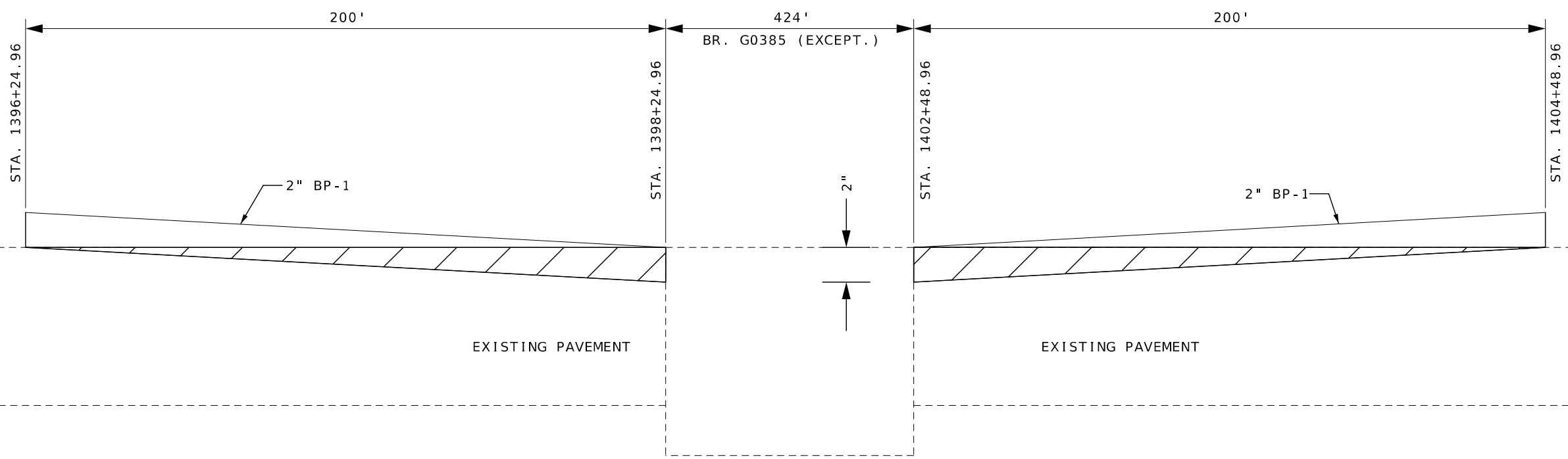
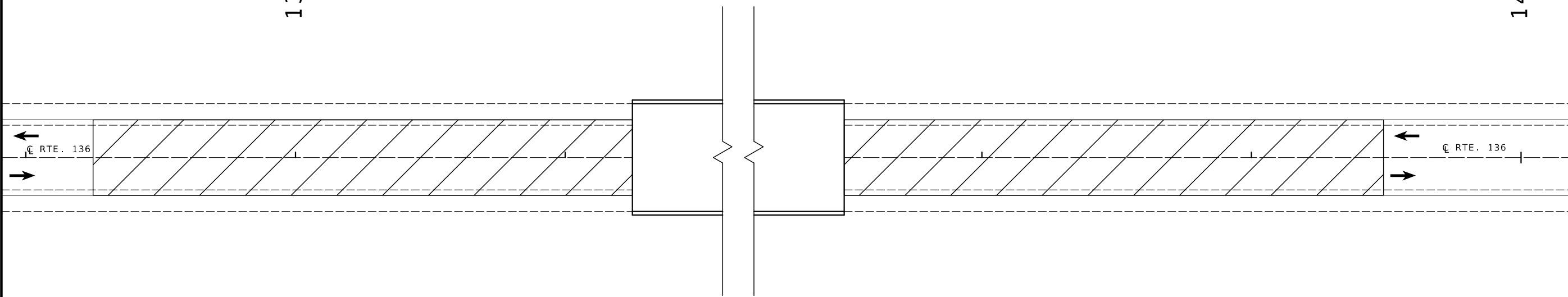
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DEPTH TRANSITIONS  
BR. G0385 OVER BIG CREEK



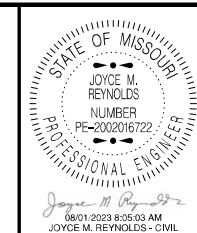
1397

1405



NOT TO SCALE

MODIFIED COLDMILLING PLAN  
SPECIAL SHEET 11 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136 STATE MO  
DISTRICT NW SHEET NO. 14

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235

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.

BR. A4520 OVER GRAND RIVER



190

195

STA. 189+40.44  
BEGIN GUARDRAIL

STA. 189+15.44  
BEGIN SHAPING  
SLOPES CLASS III

STA. 190+28.69  
END GUARDRAIL AND  
SHAPING SLOPES CLASS III

STA. 194+40.69  
END GUARDRAIL AND  
SHAPING SLOPES CLASS III

STA. 196+41.44  
BEGIN SHAPING  
SLOPES CLASS III

STA. 196+16.44  
BEGIN GUARDRAIL

☉ RTE. 136

☉ RTE. 136

STA. 188+76.04  
BEGIN GUARDRAIL

STA. 188+51.04  
BEGIN SHAPING  
SLOPES CLASS III

STA. 190+51.79  
END GUARDRAIL AND  
SHAPING SLOPES CLASS III

STA. 194+63.79  
END GUARDRAIL AND  
SHAPING SLOPES CLASS III

STA. 195+77.04  
BEGIN SHAPING SLOPES CLASS III

STA. 195+52.04  
BEGIN GUARDRAIL

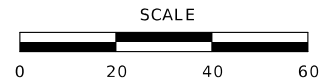
REMOVE  
250' OF EXISTING GUARDRAIL RT. AND 250' OF EXISTING GUARDRAIL LT.

BUILD  
FROM STA. 188+51.04 TO STA. 190+51.79 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 87.5' MGS GUARDRAIL, AND 201' OF SHAPING SLOPES CLASS III

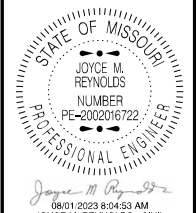
FROM STA. 194+63.79 TO STA. 195+77.04 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 113' OF SHAPING SLOPES CLASS III

FROM STA. 189+15.44 TO STA. 190+28.69 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 113' OF SHAPING SLOPES CLASS III

FROM STA. 194+40.69 TO STA. 196+41.44 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 87.5' MGS GUARDRAIL, AND 201' OF SHAPING SLOPES CLASS III



GUARDRAIL PLAN  
SPECIAL SHEET 12 OF 16



DATE PREPARED  
7/6/2023

ROUTE STATE  
136 MO  
DISTRICT SHEET NO.  
NW 15

COUNTY  
GENTRY/HARRISON

JOB NO.  
J1P3235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

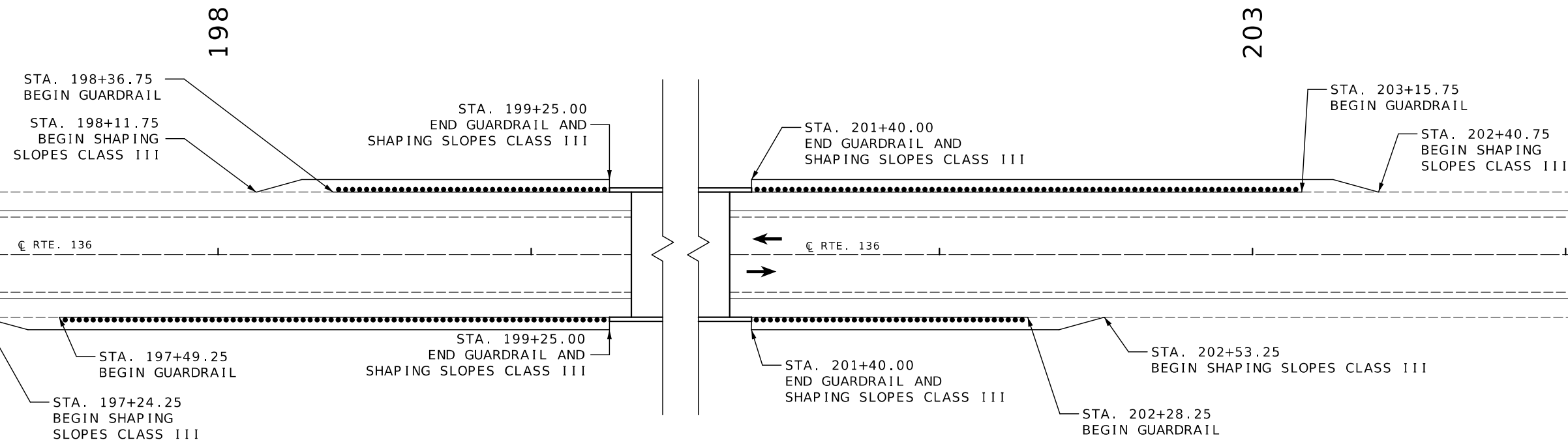
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

BR. A4521 OVER GRAND RIVER



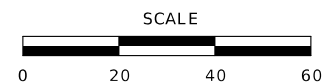
REMOVE  
250' OF EXISTING GUARDRAIL RT. AND 250' OF EXISTING GUARDRAIL LEFT

BUILD  
FROM STA. 197+24.25 TO STA. 199+25.00 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 87.5' MGS GUARDRAIL, AND 201' OF SHAPING SLOPES CLASS III

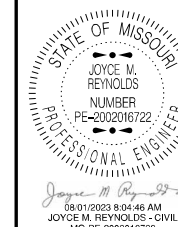
FROM STA. 201+40.00 TO STA. 202+53.25 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 113' OF SHAPING SLOPES CLASS III

FROM STA. 198+11.75 TO STA. 199+25.00 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 113' OF SHAPING SLOPES CLASS III

FROM STA. 201+40.00 TO STA. 202+40.75 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 87.5' MGS GUARDRAIL, AND 201' OF SHAPING SLOPES CLASS III



GUARDRAIL PLAN  
SPECIAL SHEET 13 OF 16



DATE PREPARED  
7/6/2023

ROUTE 136 STATE MO

DISTRICT NW SHEET NO. 16

COUNTY GENTRY/HARRISON

JOB NO. J1P3235

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

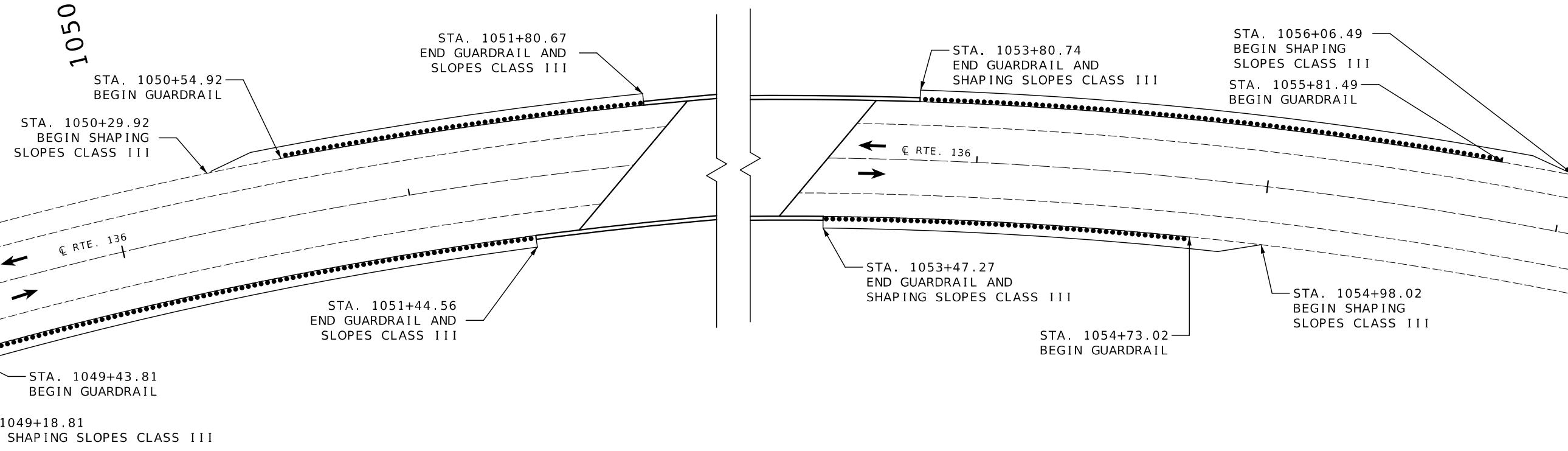
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

BR. A6490 OVER SAMPSON CREEK



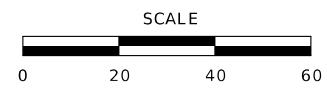
REMOVE  
425' OF EXISTING GUARDRAIL RT. AND 425' OF EXISTING GUARDRAIL LEFT

BUILD  
FROM STA. 1049+18.81 TO STA. 1051+44.56 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 112.5' MGS GUARDRAIL, AND 226' OF SHAPING SLOPES CLASS III

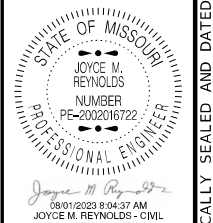
FROM STA. 1053+47.27 TO STA. 1054+98.02 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 37.5' MGS GUARDRAIL, AND 151' OF SHAPING SLOPES CLASS III

FROM STA. 1050+29.92 TO STA. 1051+80.67 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 37.5' MGS GUARDRAIL, AND 151' OF SHAPING SLOPES CLASS III

FROM STA. 1053+80.74 TO STA. 1056+06.49 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 112.5' MGS GUARDRAIL, AND 226' OF SHAPING SLOPES CLASS III



GUARDRAIL PLAN  
SPECIAL SHEET 14 OF 16



DATE PREPARED 7/6/2023	
ROUTE 136	STATE MO
DISTRICT NW	SHEET NO. 17
COUNTY GENTRY/HARRISON	
JOB NO. J1P3235	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

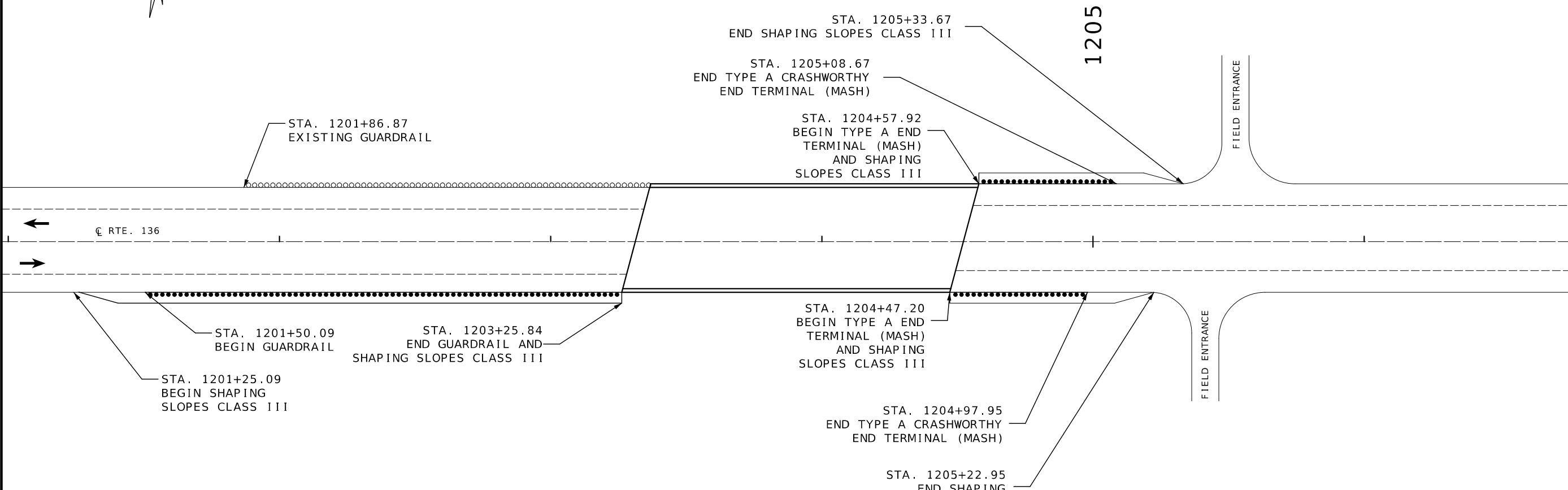
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

BR. F0157 OVER WHITE OAK CREEK

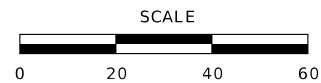


REMOVE  
260' OF EXISTING GUARDRAIL RT. AND 200' OF EXISTING GUARDRAIL LEFT

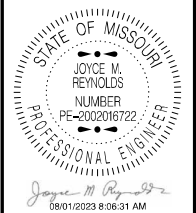
BUILD  
FROM STA. 1201+25.09 TO STA. 1203+25.84 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 87.5' MGS GUARDRAIL, AND 201' OF SHAPING SLOPES CLASS III

FROM STA. 1204+47.20 TO STA. 1205+22.95 RT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 76' OF SHAPING SLOPES CLASS III

FROM STA. 1204+57.92 TO STA. 1205+33.67 LT.  
1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR NO CURB), 1 TYPE A CRASHWORTHY END TERMINAL (MASH), AND 76' OF SHAPING SLOPES CLASS III



GUARDRAIL PLAN  
SPECIAL SHEET 15 OF 16



DATE PREPARED  
7/6/2023  
ROUTE 136 STATE MO  
DISTRICT NW SHEET NO. 18  
COUNTY GENTRY/HARRISON  
JOB NO. J1P3235  
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.

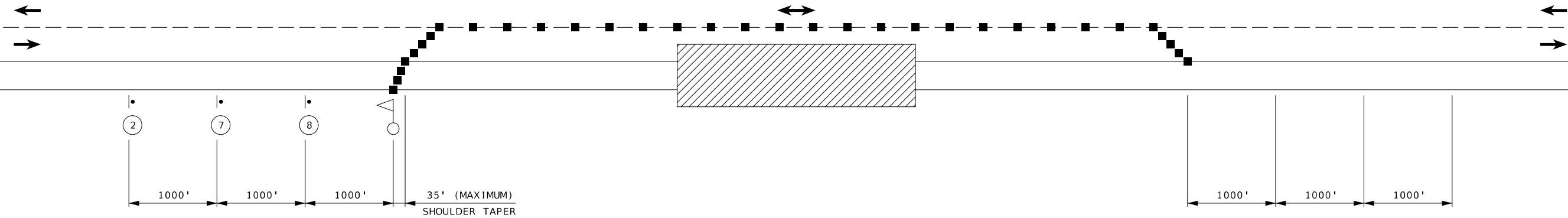
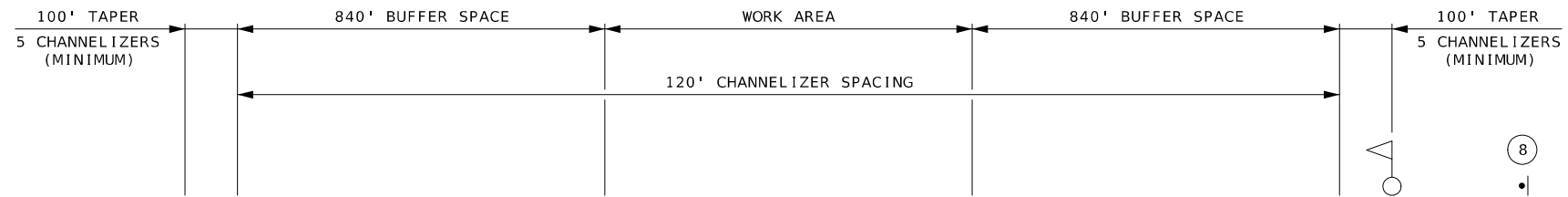
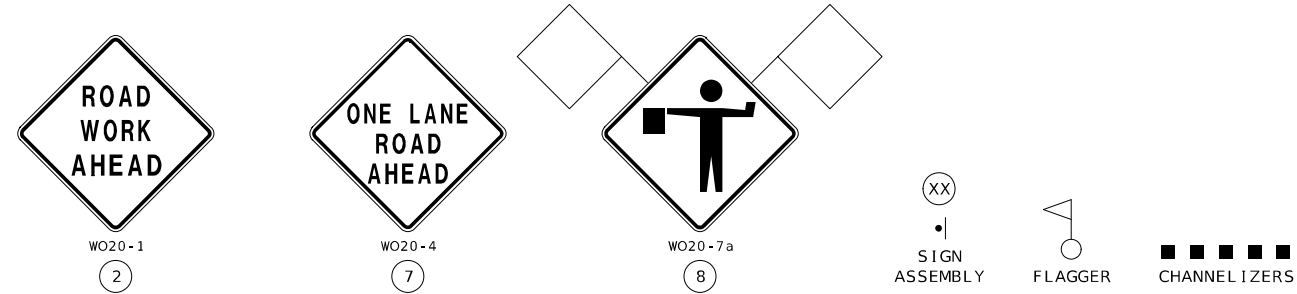




NOTES: THIS SHEET IS CONSIDERED SUPPLEMENTAL TO STANDARD PLAN 616.20.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

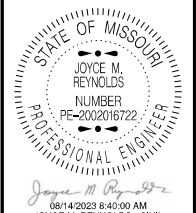
SIGN SPACING MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



NOT TO SCALE

STATIONARY LANE CLOSURE FOR GUARDRAIL REPLACEMENT

TRAFFIC CONTROL SHEET 1 OF 1



DATE PREPARED: 8/14/2023  
 ROUTE: 136 STATE: MO  
 DISTRICT: NW SHEET NO.: 20  
 COUNTY: GENTRY/HARRISON  
 JOB NO.: J1P3235  
 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 logo

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