

DESIGN DESIGNATION

RTE J - MONTGOMERY CO.
A.A.D.T. - 2023 = 146
V = 55 M.P.H.

RTE K - LINCOLN CO.
A.A.D.T. - 2023 = 728
V = 55 M.P.H.

RTE V - LINCOLN CO.
A.A.D.T. - 2023 = 856
V = 55 M.P.H.

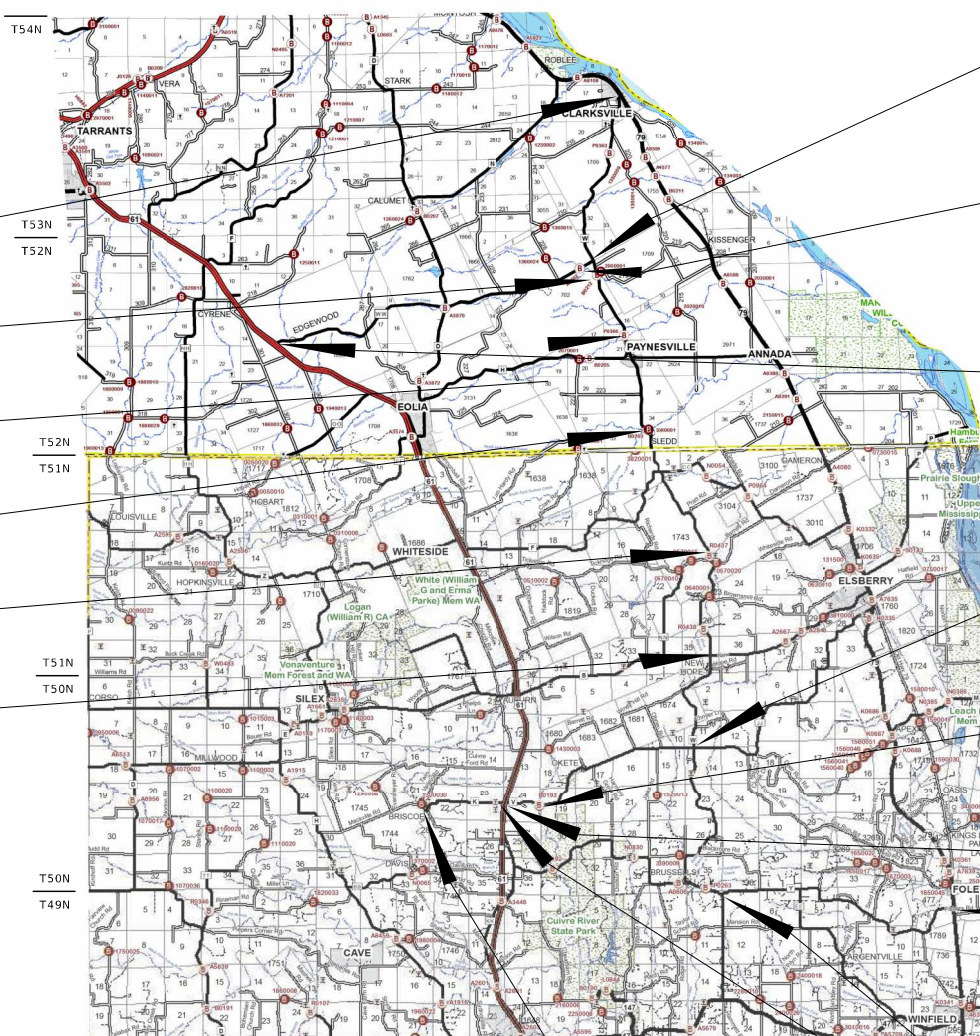
RTE W - LINCOLN/PIKE CO.
A.A.D.T. - 2023 = 568
V = 55 M.P.H.

RTE WW - PIKE CO.
A.A.D.T. - 2023 = 628
V = 55 M.P.H.

RTE Y - LINCOLN CO.
A.A.D.T. - 2023 = 700
V = 55 M.P.H.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY LINCOLN, MONTGOMERY & PIKE COUNTIES

T54N-T46N, R06W-R02E



1" SURFACE LEVELING
RTE W
ADD ALTERNATE - "C"

BEG OF PROJECT
LM 0.005

BRIDGE B0212 EXCEPTION
LOG MI. 5.522 TO 5.558

BRIDGE P0366 EXCEPTION
LOG MI. 7.350 TO 7.500

BRIDGE B0203 EXCEPTION
LOG MI. 10.223 TO 10.254

BRIDGE R0437 EXCEPTION
LOG MI. 14.395 TO 14.424

END OF PROJECT
LM 17.432

END OF PROJECT
LM 9.640

BRIDGE A0502 EXCEPTION
LOG MI. 9.197 TO 9.221

BEG OF PROJECT
0.049

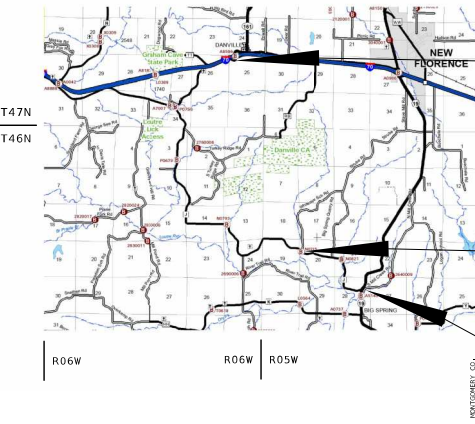
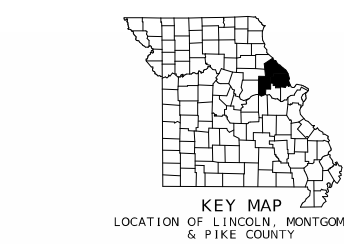
END OF PROJECT
LM 6.038

BRIDGE N0778 EXCEPTION
LOG MI. 0.996 TO 1.028

BEG OF PROJECT
LM 0.056

END OF PROJECT
LM 7.525

BEG OF PROJECT
LM 0.000

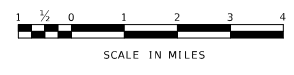


1" SURFACE LEVELING
RTE J
ADD ALTERNATE - "D"

BEG OF PROJECT
LM 0.000

END OF PROJECT
LM 2.238

1" SURFACE LEVELING
RTE K
ADD ALTERNATE - "A"



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET (1 SHEET)-----	1
TYPICAL SECTIONS (TS) (6 SHEETS)-----	2
QUANTITIES (QU) (13 SHEET)-----	3
SPECIAL SHEETS (SS) (11 SHEETS)-----	4-14
TRAFFIC CONTROL SHEETS (TC) (1 SHEET)-	15

LENGTH OF PROJECT

RTE WW

DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.049
END OF PROJECT	9.640
APPARENT LENGTH	9.591 MILES

EQUATIONS AND EXCEPTIONS:
BRIDGE #A0502 0.024 MILES
TOTAL CORRECTIONS 0.024 MILES
NET LENGTH OF PROJECT 9.567 MILES
STATE LENGTH 9.567 MILES

RTE Y

DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.000
END OF PROJECT	7.525
APPARENT LENGTH	7.525 MILES

EQUATIONS AND EXCEPTIONS:
NONE 0.000 MILES
TOTAL CORRECTIONS 0.000 MILES
NET LENGTH OF PROJECT 7.525 MILES
STATE LENGTH 7.525 MILES

RTE K

DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.000
END OF PROJECT	2.238
APPARENT LENGTH	2.238 MILES

EQUATIONS AND EXCEPTIONS:
NONE 0.000 MILES
TOTAL CORRECTIONS 0.000 MILES
NET LENGTH OF PROJECT 2.238 MILES
STATE LENGTH 2.238 MILES

RTE V

DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.056
END OF PROJECT	6.038
APPARENT LENGTH	5.982 MILES

EQUATIONS AND EXCEPTIONS:
NONE 0.032 MILES
TOTAL CORRECTIONS 0.032 MILES
NET LENGTH OF PROJECT 5.950 MILES
STATE LENGTH 5.950 MILES

RTE W

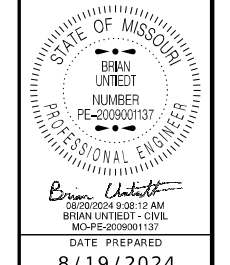
DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.005
END OF PROJECT	17.432
APPARENT LENGTH	17.427 MILES

EQUATIONS AND EXCEPTIONS:
BRIDGE B0212 0.036 MILES
BRIDGE P0366 0.150 MILES
BRIDGE B0203 0.031 MILES
BRIDGE R0437 0.029 MILES
TOTAL CORRECTIONS 0.246 MILES
NET LENGTH OF PROJECT 17.181 MILES
STATE LENGTH 17.181 MILES

RTE J

DESCRIPTION	LOG MILE
BEGIN OF PROJECT	0.260
END OF PROJECT	12.777
APPARENT LENGTH	12.517 MILES

EQUATIONS AND EXCEPTIONS:
BRIDGE N0785 0.023 MILES
TOTAL CORRECTIONS 0.023 MILES
NET LENGTH OF PROJECT 12.494 MILES
STATE LENGTH 12.494 MILES



DATE PREPARED
8/19/2024

ROUTE	STATE
VARIABLE	MO

DISTRICT	SHEET NO.
NE	1

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

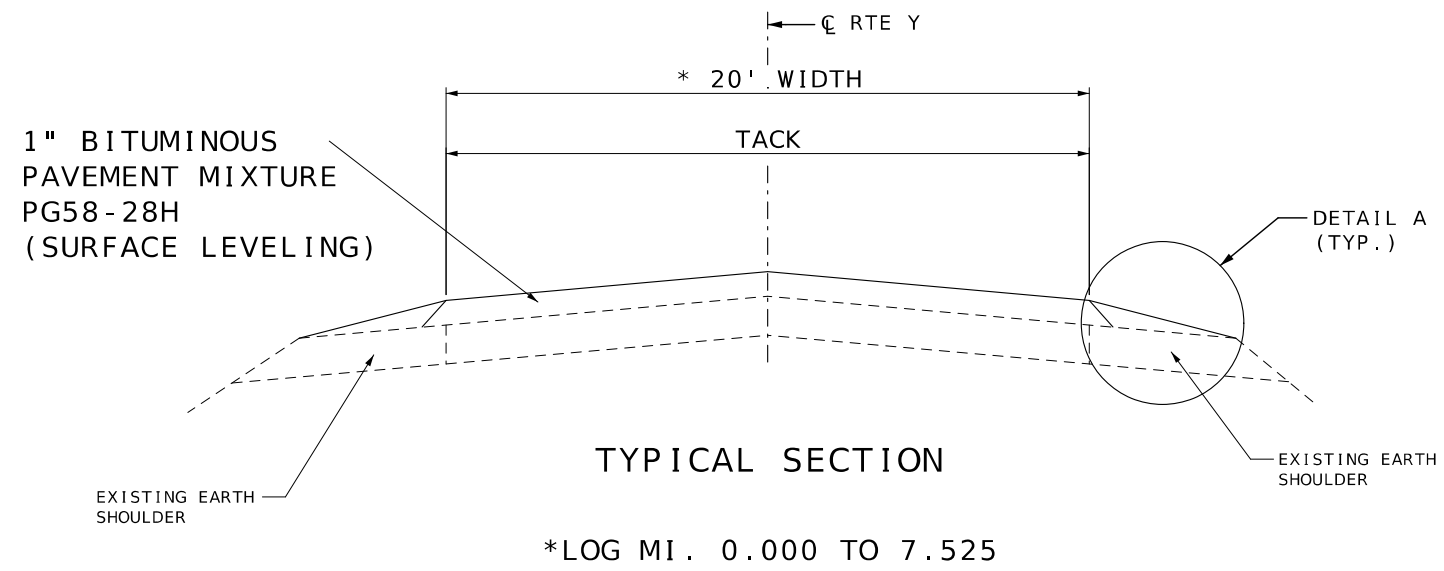
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

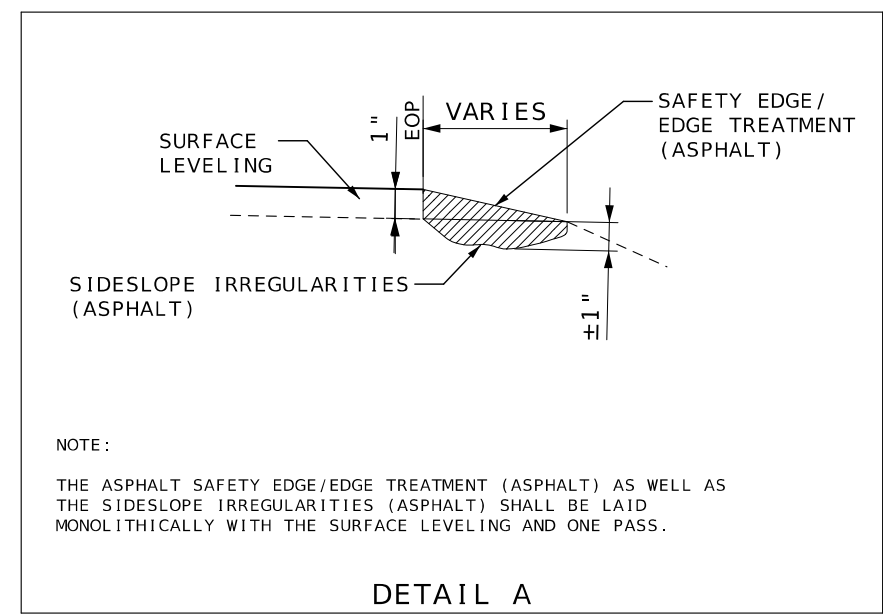
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TITLE SHEET
SHEET 1 OF 1



*LOG MI. 0.000 TO 7.525

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



NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A



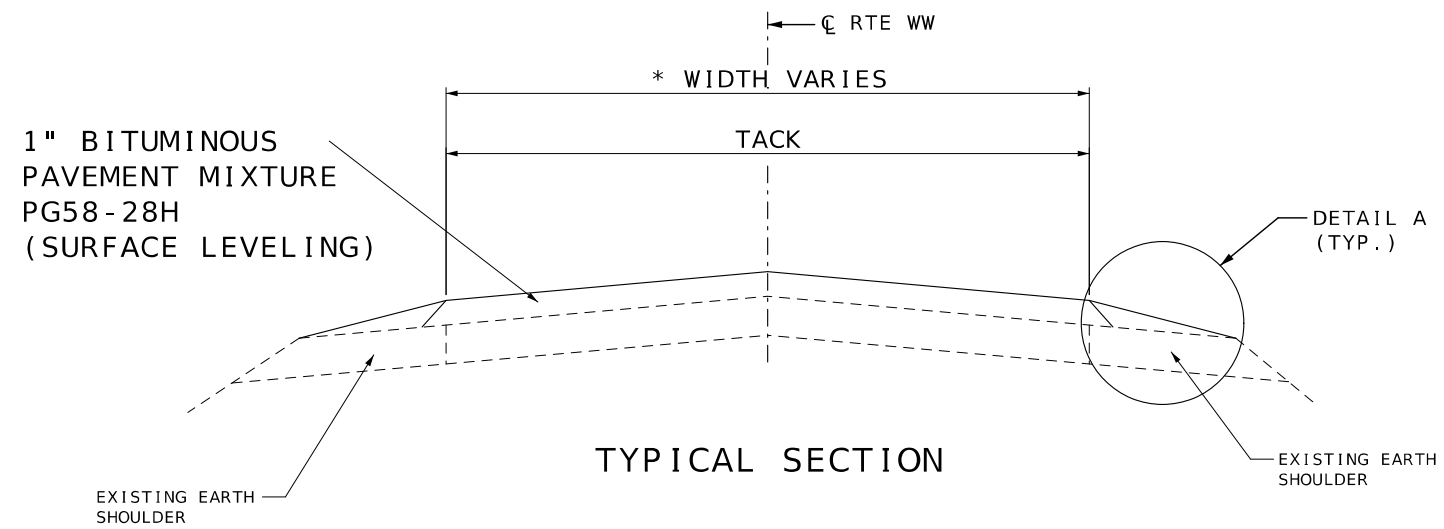
DATE PREPARED 8/13/2024	
ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

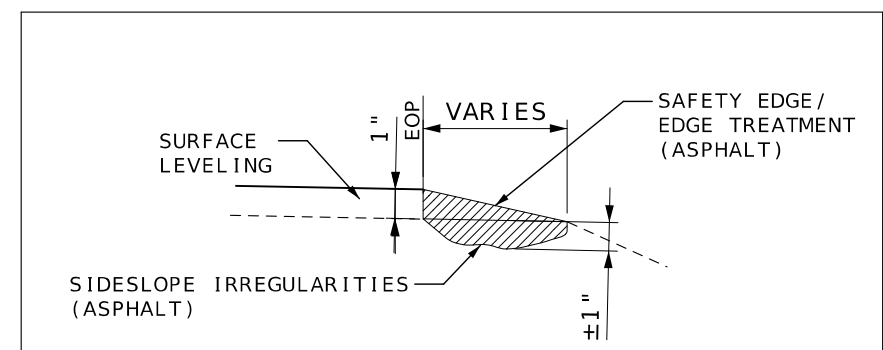
RTE Y
LINCOLN COUNTY
TYPICAL SECTION
SHEET 1 OF 6



- *LOG MI. 0.049 TO 5.219 - 20' WIDTH
- *LOG MI. 5.239 TO 5.300 - 24' TO 20' TAPER WIDTH
- *LOG MI. 5.300 TO 9.197 - 20' WIDTH†
- *LOG MI. 9.221 TO 9.640 - 20' WIDTH

† BRIDGE #A0502 ECEPTION
LOG MI. 9.197 TO 9.221

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



NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A



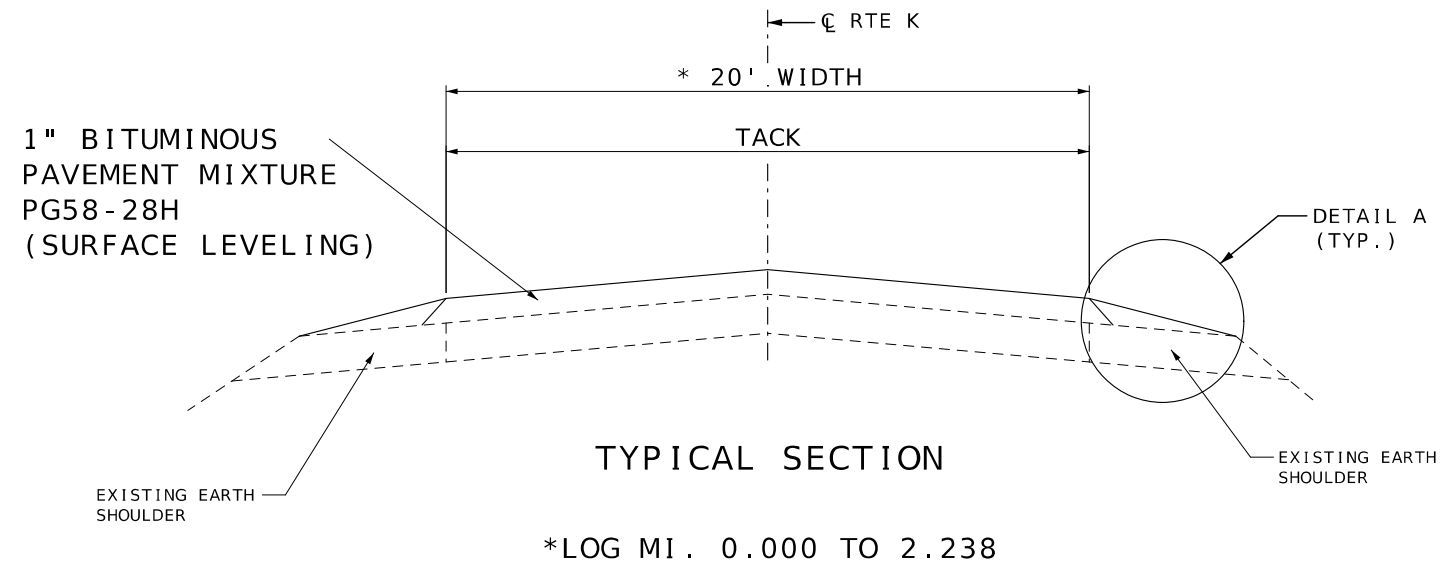
DATE PREPARED 8/19/2024	
ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

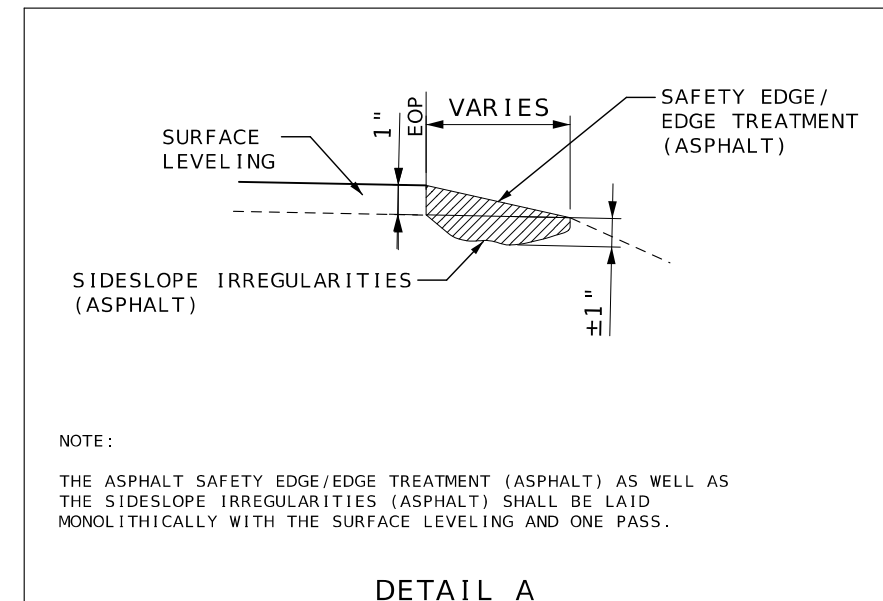
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

RTE WW
PIKE COUNTY
TYPICAL SECTION
SHEET 2 OF 6



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

ADD ALTERNATE - "A" - RTE K



NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.



DATE PREPARED
8/13/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NE	2

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

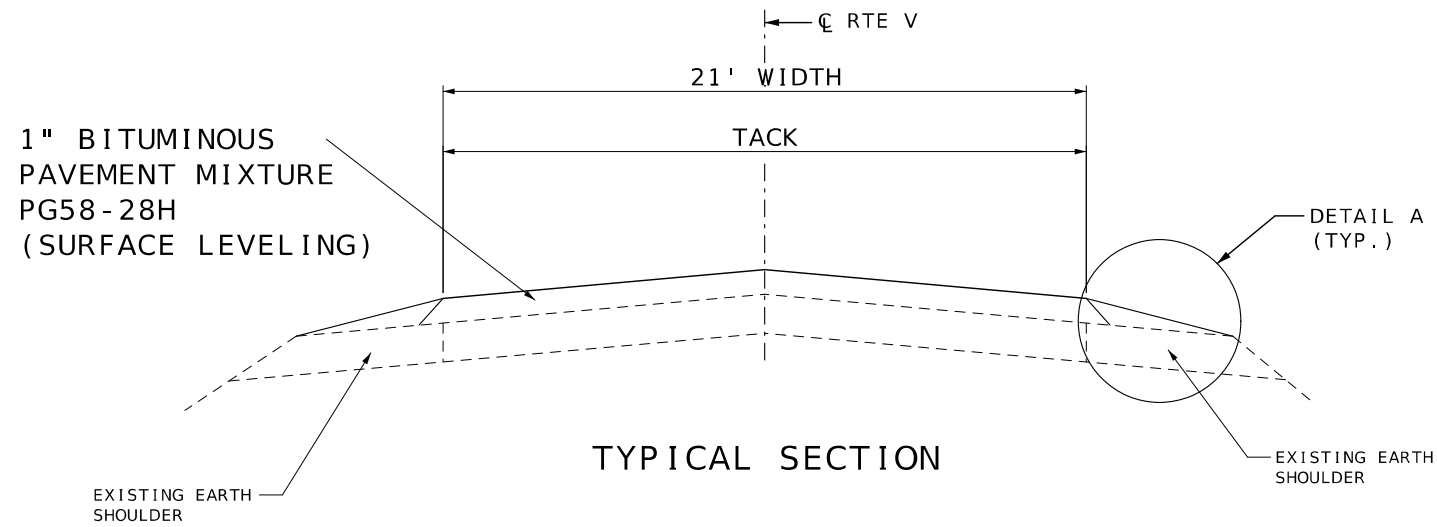
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

RTE K
LINCOLN COUNTY
TYPICAL SECTION
SHEET 3 OF 6



*LOG MI. 0.056 TO 0.996†
 *LOG MI. 1.028 TO 6.038

† BRIDGE #N0778 ECEPTION
 LOG MI. 0.996 TO 1.028

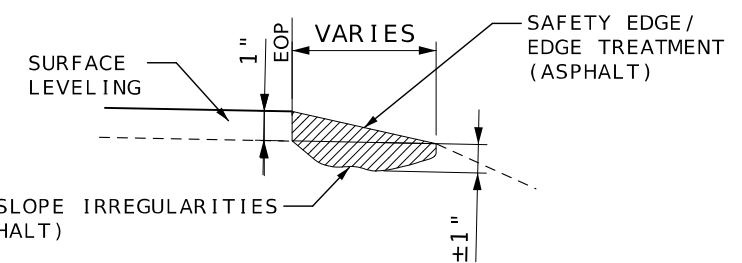
1" BITUMINOUS
 PAVEMENT MIXTURE
 PG58-28H
 (SURFACE LEVELING)

EXISTING EARTH
 SHOULDER

DETAIL A
 (TYP.)

EXISTING EARTH
 SHOULDER

TYPICAL SECTION

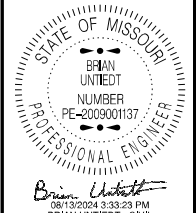


NOTE:
 THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
 THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
 MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A

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

ADD ALTERNATE - "B" - RTE V



DATE PREPARED
 8/13/2024

ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 2

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

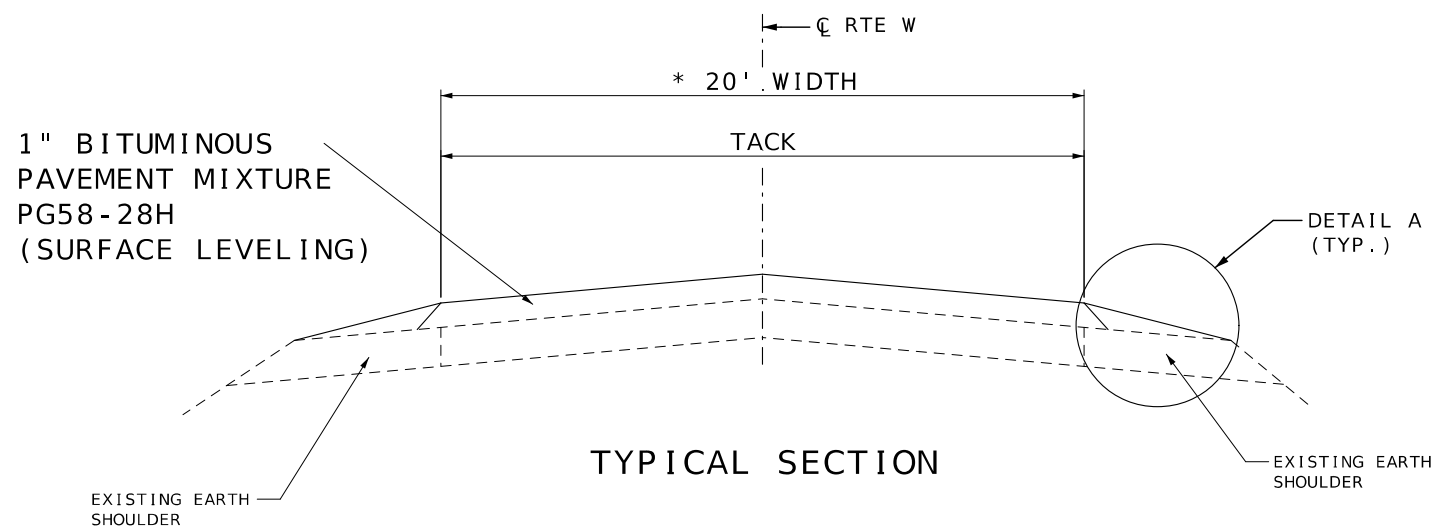
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

RTE V
 LINCOLN COUNTY
 TYPICAL SECTION
 SHEET 4 OF 6



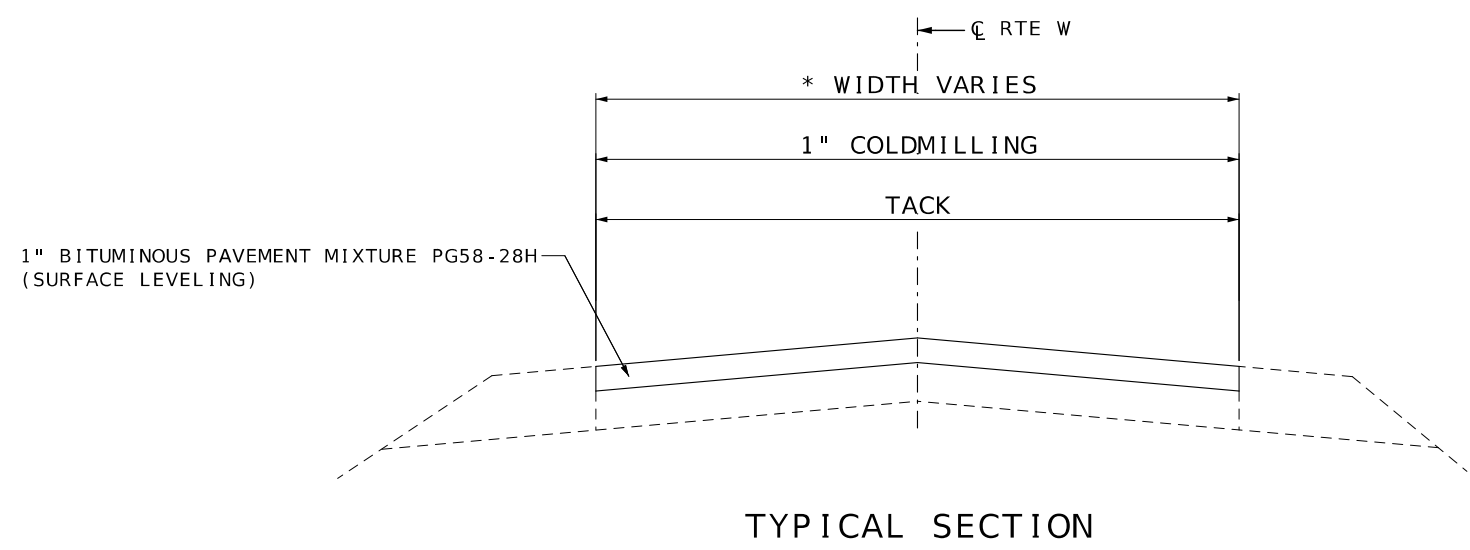
*LOG MI. 0.005 TO 5.522 - †
 *LOG MI. 5.558 TO 7.350 - †
 *LOG MI. 7.500 TO 10.223 - †
 *LOG MI. 10.254 TO 14.395 †
 *LOG MI. 14.424 TO 17.432 †

† BRIDGE #B0212 EXCEPTION
 LOG MI. 5.522 TO 5.558

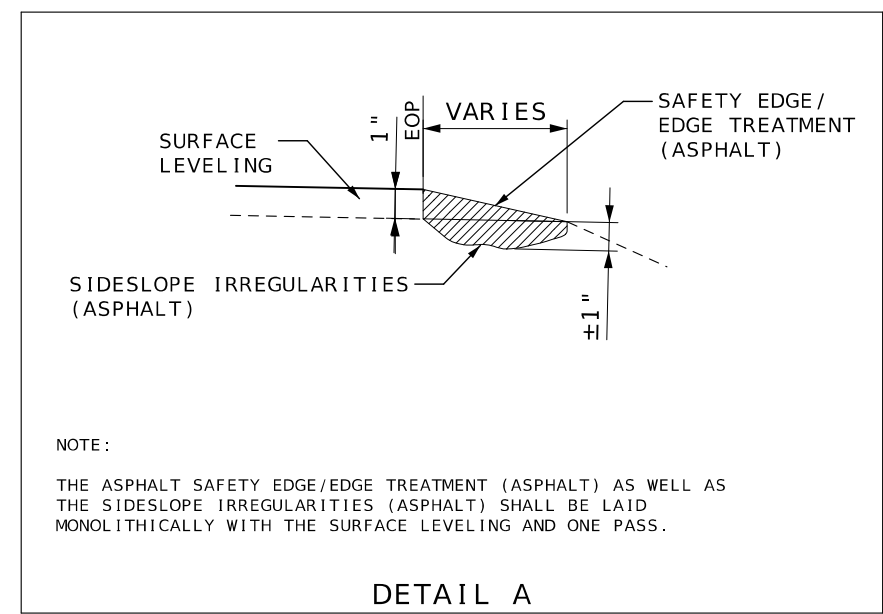
 † BRIDGE #P0366 EXCEPTION
 LOG MI. 7.350 TO 7.500

 † BRIDGE #B0203 EXCEPTION
 LOG MI. 10.223 TO 10.254

 † BRIDGE #R0437 EXCEPTION
 LOG MI. 14.395 TO 14.424



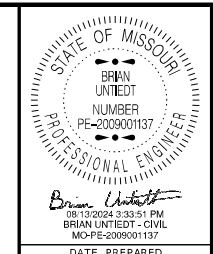
*LOG MI. 0.005 TO 0.334 ~ 20' WIDTH



NOTE:
 THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

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

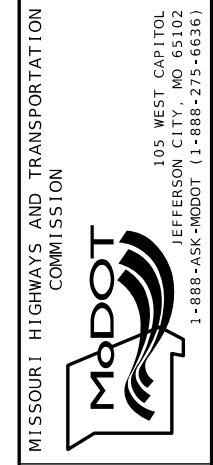
ADD ALTERNATE -"C" - RTE W



DATE PREPARED: 8/13/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NE	2
COUNTY	
VARIOUS	
JOB NO.	
JST0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



RTE W
 PIKE/LINCOLN COUNTIES
 TYPICAL SECTION
 SHEET 5 OF 6



DATE PREPARED
8/19/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NE 2

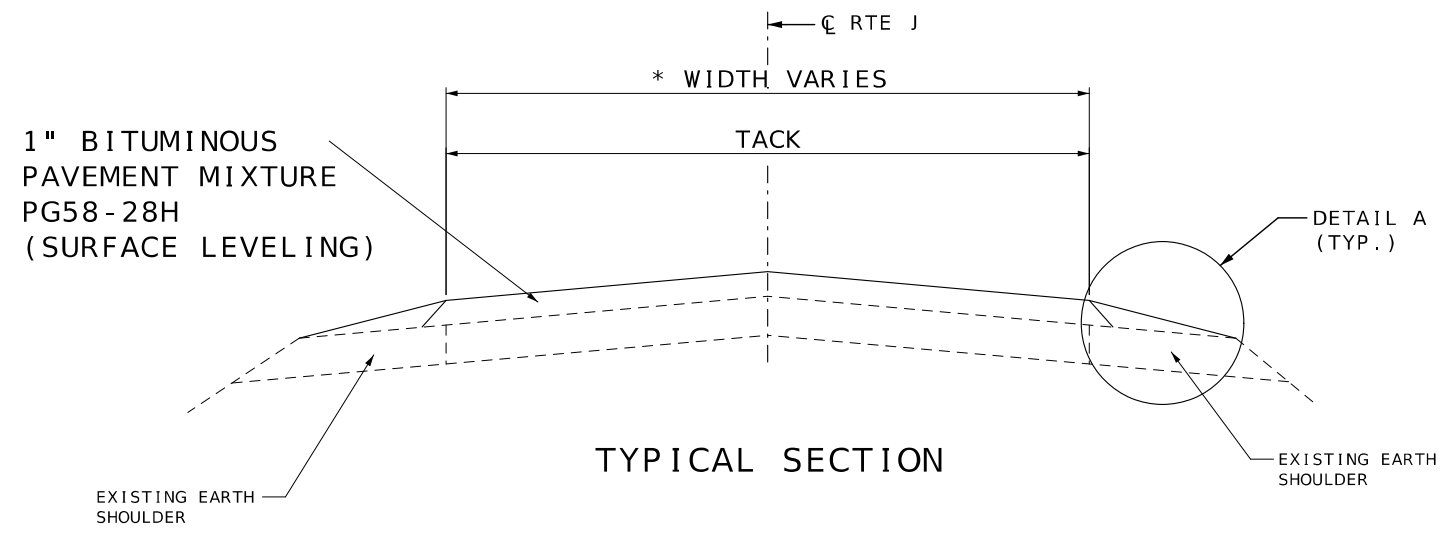
COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



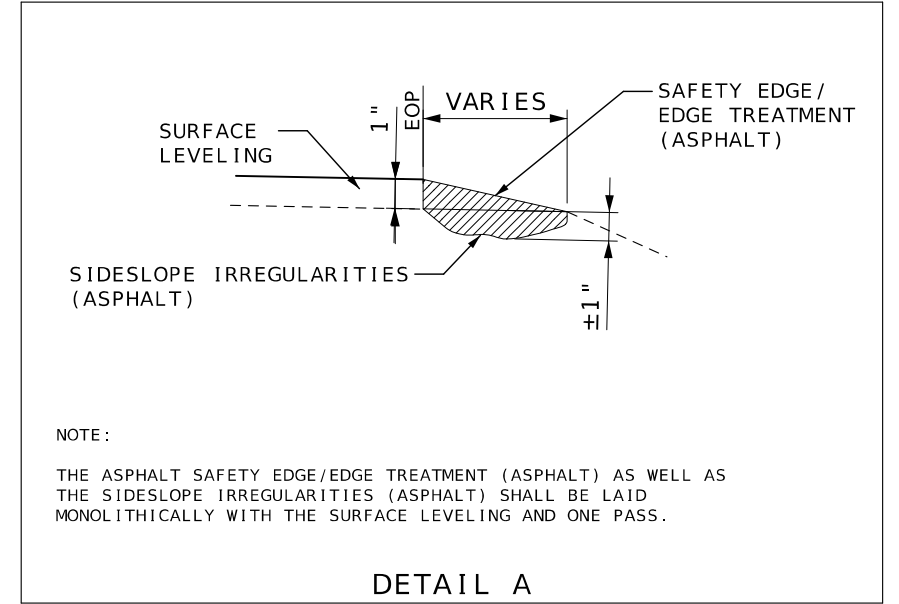
TYPICAL SECTION

*LOG MI. 0.260 TO 2.497 - 22' WIDTH
 *LOG MI. 2.497 TO 10.272 - 21' WIDTH †
 *LOG MI. 10.295 TO 12.777 - 21' WIDTH

† BRIDGE #N0785 ECEPTION
 LOG MI. 10.272 TO 10.295

ADD ALTERNATE - "D" - RTE J

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



NOTE:
 THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
 THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
 MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

RTE J
 MONTGOMERY COUNTY
 TYPICAL SECTION SHEET
 SHEET 6 OF 6
 NOT TO SCALE

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	REMARKS
0.000	0.028	148	1.00	VARIES	750	41	60	BEG PROJECT
0.028	7.497	39436	1.00	20	87627	4742	7010	
7.497	7.525	148	1.00	VARIES	700	38	56	END PROJECT
0.000	7.525	39732	1.00	-	-	2258	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.000	7.525	39732	1.00	-	-	478	-	SAFETY EDGE/EDGE TREATMENT- LEFT AND RIGHT
					SUBTOTAL	7,557.0	7,126.0	
					SUBTOTAL	63.5	103.0	PAVED ENTRANCES
					TOTAL	7,621	7,229	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 8 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	8	128.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	16	256.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 27 TOTAL						
2	W020-1	48 X 48	16.00	27	432.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	27	432.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	27	432.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	27	40.50	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 1 TOTAL						
2	W020-1	48 X 48	16.00	1	16.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	1	16.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	1	16.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGNS TOTAL					2083.51	

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)

MOBILIZATION	
QTY	DESCRIPTION
1	LUMP SUM

NOTE: FOR INFORMATIONAL PURPOSES ONLY.
SEE LUMP SUM PAY ITEM

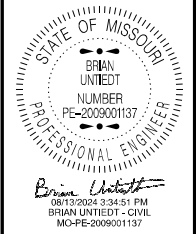
MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.028	120.00	1.00	VARIES	750	BEGIN PROJECT
7.497	7.525	148	1.00	VARIES	700	JUNCTION WITH RTE W
					SUBTOTAL	1,450
					SUBTOTAL	1,170
					TOTAL	2,620

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.000	7.525	110	2.0	220.0	PRIVATE AND FIELD ENTRANCES
0.000	7.525	33	4.0	132.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.000	7.525	15	2.0	30.0	MAILBOX TURNOUTS
			TOTAL	382.0	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.020	LT	33	1.8	3	33	PRIVATE ENTRANCE
1.040	LT	39	2.1	4	39	BLACKMOORE RD.
1.257	RT	25	1.4	2	25	PRIVATE ENTRANCE
1.958	RT	17	0.9	2	17	PRIVATE ENTRANCE
1.996	RT	31	1.7	3	31	PRIVATE ENTRANCE
2.147	RT	500	27.1	40	500	JUNCTION W/ RTE EE
2.277	LT	25	1.4	2	25	PRIVATE ENTRANCE
2.317	RT	19	1.0	2	19	PRIVATE ENTRANCE
2.398	RT	19	1.0	2	19	PRIVATE ENTRANCE
3.317	LT	14	0.8	2	14	PRIVATE ENTRANCE
4.296	RT	19	1.0	2	19	PRIVATE ENTRANCE
4.416	RT	11	0.6	1	11	PRIVATE ENTRANCE
4.493	RT	47	2.5	4	47	PRIVATE ENTRANCE
4.555	LT	56	3.0	5	56	PRIVATE ENTRANCE
4.915	RT	14	0.8	2	14	PRIVATE ENTRANCE
4.977	RT	17	0.9	2	17	PRIVATE ENTRANCE
6.255	RT	64	3.5	6	64	CARDINALL HILL RD
6.876	LT	50	2.7	4	50	PRIVATE ENTRANCE
6.998	LT	25	1.4	2	25	PRIVATE ENTRANCE
7.020	RT	53	2.9	5	53	PRIVATE ENTRANCE
7.097	LT	67	3.6	6	67	PRIVATE ENTRANCE
7.157	RT	25	1.4	2	25	PRIVATE ENTRANCE
		SUBTOTAL	63.5	103	1170	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATIONAL PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.000	7.525	7.53	291.5	114.3	
		TOTAL	292	114	



DATE PREPARED
8/13/2024

ROUTE VAR.
STATE MO

DISTRICT NE
SHEET NO. 3

COUNTY VARIOUS

JOB NO. JST0105

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)

RTE Y
LINCOLN COUNTY

SUMMARY OF QUANTITIES SHEET
SHEET 1 OF 13

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	REMARKS
0.049	0.066	90	1.00	VARIES	350	19	28	BEG PROJECT
0.066	5.219	27208	1.00	20	60456	3271	4836	JUNCTION W/ RTE D (WEST SIDE)
5.239	5.300	322	1.00	24 - 20	733	40	59	JUNCTION W/ RTE D (EAST SIDE)
5.300	9.197	20576	1.00	20	45724	2474	3658	
9.197	9.221	127	-	-	-	-	-	BRIDGE #A0502
9.221	9.640	2212	1.00	20	4916	266	393	END PROJECT
0.049	9.640	50640	-	-	-	2877	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.049	9.640	50640	-	-	-	609	-	SAFETY EDGE/EDGE TREATMENT- LEFT AND RIGHT
SUBTOTAL					9,556.0		8,974.0	
SUBTOTAL					20.8		36.0	PAVED ENTRANCES
TOTAL					9,577		9,010	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)
11	DIRECTIONAL INDICATOR BARRICADE
2	FLASHING ARROW PANEL

NOTE: FOR INFORMATIONAL PURPOSES ONLY.
SEE LUMP SUM PAY ITEM

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 9 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	12	192.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	20	320.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.049	0.066	50.00	1.00	VARIES	350	BEGIN PROJECT
5.210	5.219	50.00	1.00	20	111	JUNCTION WITH RTE D (WEST)
5.239	5.248	50.00	1.00	24	133	JUNCTION WITH RTE D (EAST)
9.188	9.197	50.00	1.00	20	111	BRIDGE #A0502 APPROACH
9.221	9.230	50.00	1.00	20	111	BRIDGE #A0502 APPROACH
9.631	9.640	50.00	1.00	VARIES	325	PROJECT END
SUBTOTAL					1,141	
SUBTOTAL					381	PAVED ENTRANCES
TOTAL					1,522	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.210	LT	14	0.8	2	14	PRIVATE ENTRANCE
0.268	LT	28	1.5	3	28	PRIVATE ENTRANCE
0.335	LT	25	1.4	2	25	PRIVATE ENTRANCE
0.382	LT	25	1.4	2	25	PRIVATE ENTRANCE
1.811	LT	42	2.3	4	42	PRIVATE ENTRANCE
5.656	LT	50	2.7	4	50	PRIVATE ENTRANCE
7.557	RT	64	3.5	6	64	CR 227
7.740	LT	14	0.8	2	14	PRIVATE ENTRANCE
8.037	LT	69	3.7	6	69	PUBLIC ENTRANCE
8.218	RT	31	1.7	3	31	PRIVATE ENTRANCE
8.544	RT	19	1.0	2	19	PRIVATE ENTRANCE
SUBTOTAL			20.8	36	381	

REMOVAL OF IMPROVEMENTS		
LOG MILE	LOCATION	DESCRIPTION
2.005	RTE WW	TURNDOWN SECTION AND GUARDRAIL - RIGHT (REMOVAL OF 312.5 LF)
1 LUMP SUM		

GUARDRAIL					
LOG MILE	LOCATION	MGS GUARDRAIL (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (STA)	REMARKS
2.005	RT.	212.5	2	2	
TOTAL		213	2	2	

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.049	9.640	9.59	366.4	143.7	
TOTAL			366	144	

SIDE ROAD PACKAGE - NON-STATE ROUTE - 5 TOTAL						
2	W020-1	48 X 48	16.00	5	80.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	5	80.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	5	80.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	5	7.50	PILOT CAR IN USE WAIT & FOLLOW

SIDE ROAD PACKAGE - STATE ROUTE - 2 TOTAL						
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	2	32.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	2	17.50	PILOT CAR IN USE WAIT & FOLLOW

LANE CLOSURE ON A DIVIDED HIGHWAY						
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
5	W020-5	48 X 48	16.00	2	32.00	RIGHT LANE CLOSED AHEAD
6A	W04-1AL	48 X 48	16.00	1	16.00	MERGE (ARROW SYMBOL) LEFT
6	W020-6A	48 X 48	16.00	1	16.00	RIGHT LANE CLOSED
4	R2-1	36 X 48	12.00	2	24.00	SPEED LIMIT 55
25	R2-1	36 X 48	12.00	2	24.00	SPEED LIMIT 65
54	G020-5AP	36 X 24	6.00	2	12.00	WORK ZONE (PLAQUE)

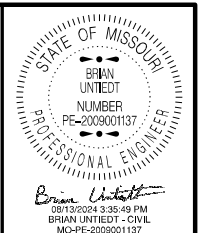
CONSTRUCTION SIGNS TOTAL 1335.26

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

MOBILIZATION	
1 LUMP SUM	

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.049	9.640	51	2.0	102.0	PRIVATE AND FIELD ENTRANCES
0.049	9.640	9	4.0	36.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
5.197	5.295	4	6.0	24.0	PLACE 6 TONS ON EACH RT./LT. APPROACH TO RTE D. FROM BOTH WEST AND EAST
0.049	9.640	6	2.0	12.0	MAILBOX TURNOUTS
TOTAL				174.0	

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL



DATE PREPARED
8/13/2024
ROUTE VAR.
STATE MO
DISTRICT NE
SHEET NO. 3

COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

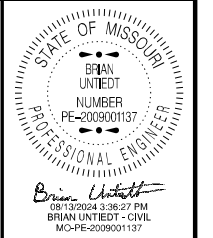
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE WW
PIKE COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 3 OF 13

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.	
0.047	0.441	RTE WW			4,161		
0.441	0.628	RTE WW		1,234			EB INTERMITTENT / WB SOLID
0.628	0.781	RTE WW		1,010			EB SOLID / WB INTERM
0.781	0.961	RTE WW			1,901		
0.961	1.128	RTE WW		1,102			EB INTERMITTENT / WB SOLID
1.128	1.413	RTE WW	380				
1.413	1.584	RTE WW		1,129			EB SOLID / WB INTERM
1.584	2.613	RTE WW			10,866		
2.613	2.784	RTE WW		1,129			EB INTERMITTENT / WB SOLID
2.784	2.816	RTE WW	50				
2.816	2.987	RTE WW		1,129			EB SOLID / WB INTERM
2.987	3.297	RTE WW			3,274		
3.297	3.467	RTE WW		1,122			EB INTERMITTENT / WB SOLID
3.467	3.528	RTE WW	90				
3.528	3.696	RTE WW		1,109			EB SOLID / WB INTERM
3.696	3.757	RTE WW			644		
3.757	3.923	RTE WW		1,096			EB INTERMITTENT / WB SOLID
3.923	4.399	RTE WW	630				
4.399	4.556	RTE WW		1,036			EB SOLID / WB INTERM
4.556	4.574	RTE WW	30				
4.574	4.722	RTE WW		977			EB INTERMITTENT / WB SOLID
4.722	4.738	RTE WW	30				
4.738	4.845	RTE WW		706			EB SOLID / WB INTERM
4.845	4.907	RTE WW	90				
4.907	4.965	RTE WW		383			EB INTERMITTENT / WB SOLID
4.965	5.017	RTE WW			549		
5.017	5.136	RTE WW		785			EB SOLID / WB INTERM
5.136	5.219	RTE WW			876		
5.219	5.440	RTE WW			2,123		
5.440	5.508	RTE WW		449			EB INTERMITTENT / WB SOLID
5.508	5.537	RTE WW			306		
5.537	5.680	RTE WW		944			EB SOLID / WB INTERM
5.680	5.699	RTE WW			201		
5.699	5.765	RTE WW		436			EB INTERMITTENT / WB SOLID
5.765	5.854	RTE WW			940		
5.854	5.938	RTE WW		554			EB SOLID / WB INTERM
5.938	6.116	RTE WW		1,175			EB INTERMITTENT / WB SOLID
6.116	6.286	RTE WW	230				
6.286	6.457	RTE WW		1,129			EB SOLID / WB INTERM
6.457	6.547	RTE WW			950		
6.547	6.716	RTE WW		1,115			EB INTERMITTENT / WB SOLID
6.716	7.345	RTE WW	840				
7.345	7.518	RTE WW		1,142			EB SOLID / WB INTERM
7.518	7.527	RTE WW			95		
7.527	7.646	RTE WW		785			EB INTERMITTENT / WB SOLID
7.646	7.695	RTE WW			517		
7.695	7.819	RTE WW		818			EB SOLID / WB INTERM
7.819	7.848	RTE WW			306		
7.848	8.025	RTE WW		1,168			EB INTERMITTENT / WB SOLID
8.025	8.397	RTE WW	500				
8.397	8.566	RTE WW		1,115			EB SOLID / WB INTERM
8.566	8.737	RTE WW		1,129			EB INTERMITTENT / WB SOLID
8.737	8.943	RTE WW	280				
8.943	9.015	RTE WW		475			EB SOLID / WB INTERM
9.015	9.108	RTE WW	130				
9.108	9.181	RTE WW		482			EB INTERMITTENT / WB SOLID
9.181	9.585	RTE WW	540				
9.585	9.634	RTE WW			517		
9.634	9.640	RTE WW					
							EDGE LINES
							EDGE LINE EXCEPTIONS
		SUBTOTAL	3,820	26,863	28,226	101,302	
		TOTAL		58,909		101,012	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

TRANSVERSE RUMBLES				
LOG MILE	LENGTH (LF)	WIDTH (LF)	AREA SY	REMARKS
5.121	24	7.5	20	LOCATE ON EASTBOUND LANE
5.170	24	7.5	20	LOCATE ON EASTBOUND LANE
5.306	24	7.5	20	LOCATE ON WESTBOUND LANE
5.370	24	7.5	20	LOCATE ON WESTBOUND LANE
	TOTAL	30	80	



DATE PREPARED
8/13/2024
ROUTE VAR. STATE MO
DISTRICT NE SHEET NO. 3

COUNTY
VARIOUS
JOB NO.
JST0105
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)

RTE WW
PIKE COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 4 OF 13

QUANTITY TOTALS SUMMARY

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT		
RTE	ITEM # 402-99.10 (TONS)	ITEM # 622-99.05 (SQ. YD.)
RTE Y	114.0	292.0
RTE WW	144.00	366.0
TOTAL	258	658

MODIFIED COLDMILLING (DEPTH TRANSITIONS)		
RTE	WIDTH (FT)	MODIFIED COLDMILLING (SY)
RTE Y	VARIABLE	2620
RTE WW	VARIABLE	1522
TOTAL	TOTAL	4,142

AGGREGATE ENTRANCES	
RTE	GRAVEL A, CRUSHED STONE B (0.039 TON/SY/INCH TONS)
RTE Y	382.0
RTE WW	174.0
TOTAL	556

TACK COAT		
RTE	LENGTH (MI)	TACK COAT (GAL)
RTE Y	7.53	7229
RTE WW	9.59	9010
TOTAL	16,239	
USE	16,239	

PAVEMENT MARKINGS			
STANDARD WATERBORNE PAINT, TYPE P BEADS			
RTE	LENGTH (MILES)	4" YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.
		RTE Y	7.525
RTE WW	9.593	58,909	101,012
TOTAL	TOTAL	126,051	180,329

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

MOBILIZATION
1 LUMP SUM



DATE PREPARED
8/13/2024 3:37:02 PM
BRIAN UNTIEDT - CIVIL
MO-PE-2009001137

ROUTE STATE
VAR. **MO**
DISTRICT SHEET NO.
NE **3**

COUNTY
VARIOUS
JOB NO.
JST0105
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)

RTE Y & WW
LINCOLN & PIKE COUNTIES
SUMMARY OF QUANTITIES SHEET
SHEET 5 OF 13

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	REMARKS
0.000	2.238	11817	1.00	20	26257	1421	2101	BEG TO END OF PROJECT
0.000	2.238	11817	1.00	-	-	671	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.000	2.238	11817	1.00	-	-	142	-	SAFETY EDGE/EDGE TREATMENT- LEFT AND RIGHT
					SUBTOTAL	2,234.0	2,101.0	
					SUBTOTAL	13.0	21.0	PAVED ENTRANCES
					TOTAL	2,247	2,122	

CONSTRUCTION SIGNS							
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION	
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 3 MILES	
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD	
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD	
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)	
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK	
35	W08-12	48 X 48	16.00	4	64.00	NO CENTER LINE	
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME	
36	W08-11	48 X 48	16.00	6	96.00	UNEVEN LANES	
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE	
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)	
SIDE ROAD PACKAGE - NON-STATE ROUTE - 10 TOTAL							
2	W020-1	48 X 48	16.00	10	160.00	ROAD WORK AHEAD	
8	W020-7a	48 X 48	16.00	10	160.00	FLAGGER (SYMBOL)	
11	W03-4	48 X 48	16.00	10	160.00	BE PREPARED TO STOP	
58	SPECIAL	18 X 12	1.50	10	15.00	PILOT CAR IN USE WAIT & FOLLOW	
SIDE ROAD PACKAGE - STATE ROUTE - 0 TOTAL							
2	W020-1	48 X 48	16.00	0	0.00	ROAD WORK AHEAD	
8	W020-7a	48 X 48	16.00	0	0.00	FLAGGER (SYMBOL)	
11	W03-4	48 X 48	16.00	0	0.00	BE PREPARED TO STOP	
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW	
LANE CLOSURE ON A DIVIDED HIGHWAY							
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD	
5	W020-5	48 X 48	16.00	2	32.00	RIGHT LANE CLOSED AHEAD	
6A	W04-1AL	48 X 48	16.00	1	16.00	MERGE (ARROW SYMBOL) LEFT	
6	W020-6A	48 X 48	16.00	1	16.00	RIGHT LANE CLOSED	
4	R2-1	36 x 48	12.00	2	24.00	SPEED LIMIT 55	
25	R2-1	36 x 48	12.00	2	24.00	SPEED LIMIT 65	
54	G020-5AP	36 X 24	6.00	2	12.00	WORK ZONE (PLAQUE)	
CONSTRUCTION SIGNS TOTAL					1117.26		

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.535	LT	20	1.1	2	20	PRIVATE ENTRANCE (ASPHALT)
1.726	RT	61	3.3	5	61	PRIVATE ENTRANCE (ASPHALT)
1.738	RT	31	1.7	3	31	PRIVATE ENTRANCE (CONCRETE)
1.755	LT	83	4.5	7	83	PRIVATE ENTRANCE (CONCRETE)
2.172	LT	50	2.7	4	50	PRIVATE ENTRANCE (ASPHALT)
		SUBTOTAL	13	21	245	

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.000	2.238	2.24	85.9	33.7	
		TOTAL	86	34	

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)
11	DIRECTIONAL INDICATOR BARRICADE
2	FLASHING ARROW PANEL

MOBILIZATION
1 LUMP SUM

NOTE: FOR INFORMATIONAL PURPOSES ONLY.
SEE LUMP SUM PAY ITEM

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
2.229	2.238	50.00	1.00	20	111	END PROJECT
				SUBTOTAL	111	
				SUBTOTAL	245	PAVED ENTRANCES
				TOTAL	356	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATIONAL PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

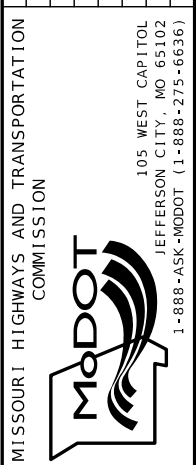
AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.000	2.268	40	2.0	80.0	PRIVATE AND FIELD ENTRANCES
0.000	2.268	7	4.0	28.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
		TOTAL		108.0	

ADD ALTERNATE -"A" - RTE K



DATE PREPARED
8/13/2024
ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
NE 3
COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

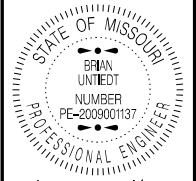
DESCRIPTION	DATE



RTE K
LINCOLN COUNTY
SUMMARY OF QUANTITIES
SHEET 6 OF 12

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.	
0.000	0.787	RTE K			8,311		
0.787	0.958	RTE K		1,129			EB INTERM / WB SOLID
0.958	1.009	RTE K	70				
1.009	1.180	RTE K		1,129			EB SOLID / WB INTERM
1.180	1.243	RTE K			665		
1.243	1.385	RTE K		937			EB INTERM / WB SOLID
1.385	1.418	RTE K			348		
1.418	1.471	RTE K		350			EB SOLID / WB INTERM
1.471	1.559	RTE K	120				
1.559	1.641	RTE K		541			EB INTERM / WB SOLID
1.641	1.681	RTE K	60				
1.681	1.854	RTE K		1,142			EB SOLID / WB INTERM
1.854	2.265	RTE K			4,340		
0.000	2.265	RTE K				24,396	EDGE LINES
						0	EDGE LINE EXCEPTIONS
		SUBTOTAL	250	5,228	13,664	24,396	
		TOTAL		19,142		24,396	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING



DATE PREPARED
8/13/2024

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
NE 3

COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

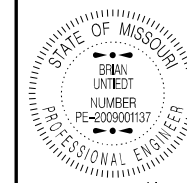
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

RTE K
LINCOLN COUNTY
SUMMARY OF QUANTITIES
SHEET 7 OF 13

ADD ALTERNATE - "A" - RTE K

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	REMARKS
0.056	0.996	4963	1.00	21	250	14	20	BEG PROJECT
0.996	1.028	169	-	-	-	-	-	BR #N0778 EXEMPTION
1.028	6.038	26453	1.00	21	61724	3340	4938	PROJECT END
0.056	6.038	31585	-	-	-	1795	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.056	6.038	31585	-	-	-	380	-	SAFETY EDGE/EDGE TREATMENT- 1 FT LEFT AND RIGHT (VARIES)
					SUBTOTAL	5,529.0	4,958.0	
					SUBTOTAL	11.4	19	PAVED ENTRANCES
					TOTAL	5,540	4,977	

MOBILIZATION
1 LUMP SUM



DATE PREPARED
8/13/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NE	3

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 6 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	6	96.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	12	192.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 10 TOTAL						
2	W020-1	48 X 48	16.00	10	160.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	10	160.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	10	160.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	10	15.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 0 TOTAL						
2	W020-1	48 X 48	16.00	0	0.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	0	0.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	0	0.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
LANE CLOSURE ON A DIVIDED HIGHWAY						
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
5	W020-5	48 X 48	16.00	2	32.00	RIGHT LANE CLOSED AHEAD
6A	W04-1AL	48 X 48	16.00	1	16.00	MERGE (ARROW SYMBOL) LEFT
6	W020-6A	48 X 48	16.00	1	16.00	RIGHT LANE CLOSED
4	R2-1	36 x 48	12.00	2	24.00	SPEED LIMIT 55
25	R2-1	36 x 48	12.00	2	24.00	SPEED LIMIT 65
54	G020-5AP	36 X 24	6.00	2	12.00	WORK ZONE (PLAQUE)
CONSTRUCTION SIGNS TOTAL					1245.26	

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.056	0.065	50.00	1.00	21	117	BEGIN PROJECT
0.987	0.996	50.00	1.00	21	117	BRIDGE #N0778 TRANSITION
1.028	1.037	50.00	1.00	21	117	BRIDGE #N0778 TRANSITION
6.029	6.038	50.00	1.00	21	117	PROJECT END
0.056	6.038	VARIES	1.00	VARIES	210	PAVED ENTRANCES
				SUBTOTAL	678	
				TOTAL	678	

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.056	6.038	90	2.0	180.0	PRIVATE AND FIELD ENTRANCES
0.056	6.038	9	4.0	36.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.056	6.038	7	2.0	14.0	MAILBOX TURNOUTS
		TOTAL		230.0	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.672	RT	22	1.2	2	22	PRIVATE ENTRANCE
1.397	LT	33	1.8	3	33	PRIVATE ENTRANCE
1.965	RT	14	0.8	2	14	PRIVATE ENTRANCE
2.876	RT	58	3.1	5	58	HARMONY GROVE RD
5.222	LT	11	0.6	1	11	PRIVATE ENTRANCE
5.937	RT	72	3.9	6	72	PRIVATE ENTRANCE
		SUBTOTAL	11.4	19	210	

GUARDRAIL					
LOG MILE	LOCATION	MGS HEIGHT AND BLOCK TRANSITION (EACH)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (STA)	REMARKS
1.078	RT.	1	1	1	
1.078	LT.	1	1	1	
	TOTAL	2	2	2	

REMOVAL OF IMPROVEMENTS		
LOG MILE	LOCATION	DESCRIPTION
1.078	RTE V	GUARDRAIL (APPROX. 62.5 FT) - RIGHT
1.078	RTE V	GUARDRAIL (APPROX. 62.5 FT) - LEFT
	1 LUMP SUM	

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.056	6.038	5.98	211.9	83.1	
		TOTAL	212	83	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)
11	DIRECTIONAL INDICATOR BARRICADE
2	FLASHING ARROW PANEL

NOTE: FOR INFORMATIONAL PURPOSES ONLY.
SEE LUMP SUM PAY ITEM

ADD ALTERNATE - "B" - RTE V

DESCRIPTION

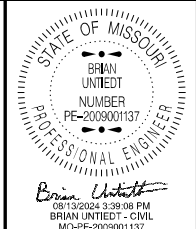
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKINGS							REMARKS
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.	
0.047	0.441	RTE WW			4,161		
0.441	0.628	RTE WW		1,234			EB INTERMITTENT / WB SOLID
0.628	0.781	RTE WW		1,010			EB SOLID / WB INTERM
0.781	0.961	RTE WW			1,901		
0.961	1.128	RTE WW		1,102			EB INTERMITTENT / WB SOLID
1.128	1.413	RTE WW	380				
1.413	1.584	RTE WW		1,129			EB SOLID / WB INTERM
1.584	2.613	RTE WW			10,866		
2.613	2.784	RTE WW		1,129			EB INTERMITTENT / WB SOLID
2.784	2.816	RTE WW	50				
2.816	2.987	RTE WW		1,129			EB SOLID / WB INTERM
2.987	3.297	RTE WW			3,274		
3.297	3.467	RTE WW		1,122			EB INTERMITTENT / WB SOLID
3.467	3.528	RTE WW	90				
3.528	3.696	RTE WW		1,109			EB SOLID / WB INTERM
3.696	3.757	RTE WW			644		
3.757	3.923	RTE WW		1,096			EB INTERMITTENT / WB SOLID
3.923	4.399	RTE WW	630				
4.399	4.556	RTE WW		1,036			EB SOLID / WB INTERM
4.556	4.574	RTE WW	30				
4.574	4.722	RTE WW		977			EB INTERMITTENT / WB SOLID
4.722	4.738	RTE WW	30				
4.738	4.845	RTE WW		706			EB SOLID / WB INTERM
4.845	4.907	RTE WW	90				
4.907	4.965	RTE WW		383			EB INTERMITTENT / WB SOLID
4.965	5.017	RTE WW			549		
5.017	5.136	RTE WW		785			EB SOLID / WB INTERM
5.136	5.219	RTE WW			876		
5.219	5.239	RTE WW			2,123		
5.239	5.440	RTE WW		449			EB INTERMITTENT / WB SOLID
5.440	5.508	RTE WW			306		
5.508	5.537	RTE WW		944			EB SOLID / WB INTERM
5.537	5.680	RTE WW			201		
5.680	5.699	RTE WW		436			EB INTERMITTENT / WB SOLID
5.699	5.765	RTE WW			940		
5.765	5.854	RTE WW					EB SOLID / WB INTERM
5.854	5.938	RTE WW		554			EB INTERMITTENT / WB SOLID
5.938	6.116	RTE WW	230	1,175			
6.116	6.286	RTE WW					EB SOLID / WB INTERM
6.286	6.457	RTE WW		1,129			
6.457	6.547	RTE WW			950		
6.547	6.716	RTE WW		1,115			EB INTERMITTENT / WB SOLID
6.716	7.345	RTE WW	840				
7.345	7.518	RTE WW		1,142			EB SOLID / WB INTERM
7.518	7.527	RTE WW			95		
7.527	7.646	RTE WW		785			EB INTERMITTENT / WB SOLID
7.646	7.695	RTE WW			517		
7.695	7.819	RTE WW		818			EB SOLID / WB INTERM
7.819	7.848	RTE WW			306		
7.848	8.025	RTE WW		1,168			EB INTERMITTENT / WB SOLID
8.025	8.397	RTE WW	500				
8.397	8.566	RTE WW		1,115			EB SOLID / WB INTERM
8.566	8.737	RTE WW		1,129			EB INTERMITTENT / WB SOLID
8.737	8.943	RTE WW	280				
8.943	9.015	RTE WW		475			EB SOLID / WB INTERM
9.015	9.108	RTE WW	130				
9.108	9.181	RTE WW		482			EB INTERMITTENT / WB SOLID
9.181	9.585	RTE WW	540				
9.585	9.634	RTE WW			517		
0.047	9.640	RTE WW				101,302	EDGE LINES
						290	EDGE LINE EXCEPTIONS
		SUBTOTAL	3,820	26,863	28,226	101,302	
		TOTAL		58,909		101,012	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING



DATE PREPARED
8/13/2024
ROUTE VAR. STATE MO
DISTRICT NE SHEET NO. 3

COUNTY VARIOUS
JOB NO. JST0105
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)

RTE V
LINCOLN COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 9 OF 13

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	TACK COAT 0.10 GAL SQ. YD. (GAL)	REMARKS
0.005	0.104	523	1.00	20	1162	63	-	116	BEG PROJECT
0.104	0.123	100	1.00	VARIES	250	14	-	25	
0.123	5.522	28507	1.00	20	63343	3428	5186	248	
5.522	5.558	190	-	-	-	-	-	-	BRIDGE #B0212 EXCEPTION
5.558	7.350	9462	1.00	20	21025	1138	1682	-	
7.350	7.500	792	-	-	-	-	-	-	BRIDGE #P0366 EXCEPTION
7.500	10.223	14377	1.00	20	31946	1729	2556	-	
10.223	10.254	164	-	-	-	-	-	-	BRIDGE #B0203 EXCEPTION
10.254	11.396	6030	1.00	20	13399	725	1072	-	
11.396	11.417	111	1.00	VARIES	600	32	48	-	JUNCTION W/ RTE F
11.417	11.512	502	1.00	20	1115	60	89	-	
11.512	11.555	227	1.00	VARIES	825	45	66	-	
11.555	14.395	14995	1.00	20	33319	1803	2666	-	
14.395	14.424	153	-	-	-	-	-	-	BRIDGE #R0437 EXCEPTION
14.424	17.432	15882	1.00	20	35290	1910	2823	-	END PROJECT
0.005	17.432	92015	-	-	-	5228	-	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.005	17.432	92015	-	-	-	1106	-	-	SAFETY EDGE/EDGE TREATMENT- LEFT AND RIGHT
SUBTOTAL						17,281.0	16,188.0	389.0	
SUBTOTAL						72.2	113.0	-	PAVED ENTRANCES
TOTAL						17,353	16,690	-	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 18 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	20	320.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	38	608.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 13 TOTAL						
2	W020-1	48 X 48	16.00	13	208.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	13	208.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	13	208.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	13	19.5	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 3 TOTAL						
2	W020-1	48 X 48	16.00	3	48.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	3	48.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	3	48.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	3	26.25	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGNS TOTAL					2048.01	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
1.328	LT	31	1.7	3	31	PRIVATE ENTRANCE
1.400	RT	14	0.8	2	14	PRIVATE ENTRANCE
1.588	LT	25	1.4	2	25	PRIVATE ENTRANCE
2.230	LT	22	1.2	2	22	PRIVATE ENTRANCE
2.930	RT	36	1.9	3	36	PRIVATE ENTRANCE
3.455	LT	19	1.0	2	19	PRIVATE ENTRANCE
3.944	RT	22	1.2	2	22	PRIVATE ENTRANCE
5.131	RT	325	17.6	26	325	RTE WW JUNCTION
5.477	LT	46	2.5	4	46	PRIVATE ENTRANCE
5.675	LT	28	1.5	3	28	PRIVATE ENTRANCE
7.882	RT	56	3.0	5	56	PRIVATE ENTRANCE
8.020	LT	31	1.7	3	31	PRIVATE ENTRANCE
8.024	RT	25	1.4	2	25	PRIVATE ENTRANCE
8.084	LT	78	4.2	7	78	PRIVATE ENTRANCE
8.115	RT	14	0.8	2	14	PRIVATE ENTRANCE
11.405	RT	210	11.4	17	210	RTE F JUNCTION
11.524	LT	350	18.9	28	350	RTE CC JUNCTION
SUBTOTAL			72.2	113	1332	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
0.005	0.101	506.88	1.00	20	1126	BEGIN OF PROJECT
0.101	0.112	58.08	1.00	VARIES	250	RTE W JUNCTION W/ KENTUCKY ST. & S 4TH ST.
0.112	0.334	1172.16	1.00	20	2605	END COLDMILLING
TOTAL					3,981	

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.334	0.343	50.00	1.00	20	111	END OF COLD MILLING
5.543	5.552	50.00	1.00	20	111	BRIDGE #B0212 APPROACH
5.558	5.567	50.00	1.00	20	111	BRIDGE #B0212 APPROACH
7.341	7.350	50.00	1.00	20	111	BRIDGE #P0366 APPROACH
7.500	7.509	50.00	1.00	20	111	BRIDGE #P0366 APPROACH
10.214	10.223	50.00	1.00	20	111	BRIDGE #B0203 APPROACH
10.254	10.263	50.00	1.00	20	111	BRIDGE #B0203 APPROACH
14.386	14.395	50.00	1.00	20	111	BRIDGE #R0437 APPROACH
14.424	14.433	50.00	1.00	20	111	BRIDGE #R0437 APPROACH
17.423	17.432	50.00	1.00	20	111	END OF PROJECT
SUBTOTAL					1,110	
SUBTOTAL					1,332	PAVED ENTRANCES
TOTAL					2,442	

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.005	17.440	147	2.0	294.0	PRIVATE AND FIELD ENTRANCES
0.005	17.440	18	4.0	72.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.005	17.440	15	2.0	30.0	MAILBOX TURNOUTS
0.005	0.064	1	8.0	8.0	APPLY TO COMMERCIAL ENTRANCE ON NB LANE
TOTAL				404.0	


LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)

MOBILIZATION	
QTY	DESCRIPTION
1	LUMP SUM


NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM

ADD ALTERNATE -"C" - RTE W



DATE PREPARED
8/13/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NE	3
COUNTY	VARIOUS
JOB NO.	JST0105
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RTE W PIKE & LINCOLN COUNTIES

SUMMARY OF QUANTITIES SHEET


SHEET 10 OF 13

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.	
0.005	0.053	RTE W			507		
0.053	0.105	RTE W	70				
0.110	0.154	RTE W			465		
0.154	0.376	RTE W		1,465			SB SOLID/NB INTERM
0.376	1.186	RTE W			8,554		
1.186	1.354	RTE W		1,109			SB INTERM/NB SOLID
1.354	1.627	RTE W	370				
1.627	1.795	RTE W		1,109			SB SOLID/NB INTERM
1.795	2.513	RTE W			7,582		
2.513	2.649	RTE W		898			SB INTERM/NB SOLID
2.649	2.681	RTE W			338		
2.681	2.824	RTE W		944			SB SOLID/NB INTERM
2.824	4.653	RTE W			19,314		
4.653	4.822	RTE W		1,115			SB INTERM/NB SOLID
4.822	4.929	RTE W	150				
4.929	5.109	RTE W		1,188			SB SOLID/NB INTERM
5.109	5.209	RTE W	140				
5.209	5.288	RTE W		521			SB INTERM/NB SOLID
5.288	5.386	RTE W		647			SB SOLID/NB INTERM
5.386	5.462	RTE W	110				
5.462	5.511	RTE W		323			SB INTERM/NB SOLID
5.511	5.564	RTE W			560		
5.564	5.681	RTE W		772			SB SOLID/NB INTERM
5.681	6.198	RTE W			5,460		
6.198	6.287	RTE W		587			SB INTERM/NB SOLID
6.287	6.376	RTE W			940		
6.376	6.453	RTE W		508			SB SOLID/NB INTERM
6.453	6.887	RTE W			4,583		
6.887	7.020	RTE W		878			SB INTERM/NB SOLID
7.020	7.058	RTE W			401		
7.058	7.193	RTE W		891			SB SOLID/NB INTERM
7.193	7.358	RTE W			1,742		
7.358	7.528	RTE W		1,122			SB INTERM/NB SOLID
7.528	7.675	RTE W		970			SB SOLID/NB INTERM
7.675	7.696	RTE W	30				
7.696	7.847	RTE W		997			SB INTERM/NB SOLID
7.847	7.975	RTE W	170				
7.975	8.147	RTE W		1,135			SB SOLID/NB INTERM
8.147	8.765	RTE W			6,526		
8.765	8.933	RTE W		1,109			SB INTERM/NB SOLID
8.933	9.108	RTE W		1,155			SB SOLID/NB INTERM
9.108	9.304	RTE W			2,070		
9.304	9.477	RTE W		1,142			SB INTERM/NB SOLID
9.477	9.812	RTE W	450				
9.812	9.985	RTE W		1,142			SB SOLID/NB INTERM
9.985	10.399	RTE W			4,372		
10.399	10.565	RTE W		1,096			SB INTERM/NB SOLID
10.565	10.733	RTE W		1,109			SB SOLID/NB INTERM
10.733	11.400	RTE W			7,044		
11.400	11.417	RTE W			260	155	JUNCTION WITH RTE F
11.417	11.512	RTE W			1,003		
11.512	11.550	RTE W			460	62	JUNCTION WITH RTE C
11.550	12.245	RTE W			7,339		
12.245	12.380	RTE W		891			SB INTERM/NB SOLID
12.380	12.419	RTE W			412		
12.419	12.551	RTE W		871			SB SOLID/NB INTERM
12.551	13.712	RTE W			12,260		
13.712	13.855	RTE W		944			SB INTERM/NB SOLID
13.855	13.881	RTE W			275		
13.881	14.028	RTE W		970			SB SOLID/NB INTERM
14.028	14.161	RTE W			1,404		
14.161	14.301	RTE W		924			SB INTERM/NB SOLID
14.301	14.333	RTE W			338		
14.333	14.476	RTE W		944			SB SOLID/NB INTERM
14.476	15.617	RTE W			12,049		
15.617	15.698	RTE W		535			SB INTERM/NB SOLID
15.698	15.792	RTE W			993		
15.792	15.868	RTE W		502			SB SOLID/NB INTERM
15.868	15.926	RTE W			612		
15.926	16.036	RTE W		726			SB INTERM/NB SOLID
16.036	16.100	RTE W			676		
16.100	16.208	RTE W		713			SB SOLID/NB INTERM
16.208	16.235	RTE W			285		
16.235	16.338	RTE W		680			SB INTERM/NB SOLID
16.338	16.380	RTE W			444		
16.380	16.493	RTE W		746			SB SOLID/NB INTERM
16.493	16.576	RTE W			876		
16.576	16.619	RTE W		284			SB INTERM/NB SOLID
16.619	16.757	RTE W			1,457		
16.757	16.871	RTE W		752			SB SOLID/NB INTERM
16.871	17.049	RTE W			1,880		
17.049	17.229	RTE W		1,188			SB INTERM/NB SOLID
17.229	17.382	RTE W	210				
17.382	17.434	RTE W			549		
0.334	17.440	RTE W				180,639	EDGE LINES
0.005	17.440	RTE W				416	EDGE LINE EXCEPTIONS
		SUBTOTAL	1,700	35,602	114,030	180,440	
		TOTAL		151,332		180,440	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.005	17.432	17.43	665.3	260.9	
		TOTAL	665	261	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	



DATE PREPARED
8/13/2024


ROUTE VAR. MO
DISTRICT NE SHEET NO. 3

COUNTY VARIOUS
JOB NO. JST0105
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

RTE W PIKE & LINCOLN COUNTIES
SUMMARY OF QUANTITIES SHEET
SHEET 11 OF 13

ADD ALTERNATE - "C" - RTE W

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	REMARKS
0.260	2.478	11711	1.00	22	28624	1549	2290	BEG PROJECT
2.478	2.497	-	1.00	VARIES	685	37	55	RTE J & RTE N JUNCTION
2.497	10.272	41052	1.00	21	95788	5183	7663	
10.272	10.295	-	-	-	-	-	-	BRIDGE #N0785 EXCEPTION
10.295	12.777	13105	1.00	21	30578	1655	2446	PROJECT END
0.260	12.777	66090	-	-	-	3755	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.260	12.777	66090	-	-	-	795	-	SAFETY EDGE/EDGE TREATMENT- LEFT AND RIGHT
					SUBTOTAL	12,974.0	12,454.0	
					SUBTOTAL	6.3	11.0	PAVED ENTRANCES
					TOTAL	12,980	12,465	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 13 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	14	224.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	26	416.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 5 TOTAL						
2	W020-1	48 X 48	16.00	5	80.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	5	80.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	5	80.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	5	7.5	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 1 TOTAL						
2	W020-1	48 X 48	16.00	1	16.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	1	16.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	1	16.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
(616-10.05) CONSTRUCTION SIGNS TOTAL					1250.51	

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLANS 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION

LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL

TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
100	CHANNELIZERS (TRIM-LINE)

NOTE: FOR INFORMATIONAL PURPOSES ONLY.
SEE LUMP SUM PAY ITEM

MOBILIZATION	
1 LUMP SUM	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.260	0.269	50.00	1.00	22	122	BEGIN PROJECT
2.487		50.00	1.00	22	122	RTE N JUNCTION @ JUNCTION W/ RTE J
10.261	10.270	50.00	1.00	21	117	BRIDGE #N0785 TRANSITION
10.294	10.303	50.00	1.00	21	117	BRIDGE #N0785 TRANSITION
12.768	12.777	50.00	1.00	21	117	END PROJECT
					SUBTOTAL	595
					SUBTOTAL	115
					TOTAL	710

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.260	12.777	112	2.0	224.0	PRIVATE AND FIELD ENTRANCES
0.260	12.777	16	4.0	64.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.260	12.777	8	2.0	16.0	MAILBOX TURNOUTS
2.427	2.480	1	16.0	16.0	APPLY ON RT/LT APPROACHING JUNCTION W/ RTE N
			TOTAL	320.0	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
2.325	RT	33	1.8	3	33	CROOKED CREEK RD
2.383	RT	23	1.2	2	23	PRIVATE ENTRANCE
3.324	RT	14	0.8	2	14	PRIVATE ENTRANCE
5.800	RT	25	1.4	2	25	PRIVATE ENTRANCE
12.784	LT	20	1.1	2	20	PRIVATE ENTRANCE
		SUBTOTAL	6.3	11	115	

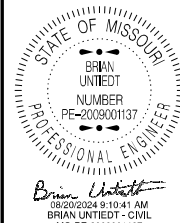
REMOVAL OF IMPROVEMENTS		
LOG MILE	LOCATION	DESCRIPTION
11.691	RTE J	REMOVE TURN DOWN SECTIONS AND GUARDRAIL - RIGHT (APPROX. 1,112.5 LF)
		1 LUMP SUM

GUARDRAIL					
LOG MILE	LOCATION	MGS GUARDRAIL (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (STA)	REMARKS
11.691	RT.	1012.0	2	2.0	ASSUMING 50' CRASHWORTHY END TERMINALS
	TOTAL	1012.0	2	2	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

REMOVAL AND REPLACEMENT OF DAMAGED PAVEMENT					
LOG MILE	LOG MILE	LENGTH (MI)	REMOVAL OF DAMAGED PAVEMENT (SQ. YD.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)	REMARKS
0.078	5.819	5.74	496.5	194.7	
		TOTAL	496.5	194.7	

ADD ALTERNATE - "D" - RTE J



DATE PREPARED
8/19/2024

ROUTE VAR. MO
DISTRICT SHEET NO. NE 3

COUNTY VARIOUS
JOB NO. JST0105
CONTRACT ID.

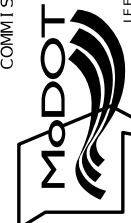
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



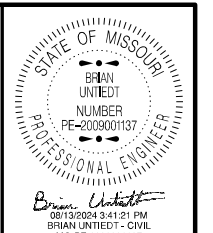
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE J
MONTGOMERY COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 12 OF 13

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" WHITE SOLID EDGE LINE L.F.	
0.260	0.400	RTE J			1,478		
0.400	0.568	RTE J		1,109			SB INTERM/NB SOLID
0.568	0.716	RTE J	200				
0.716	0.880	RTE J		1,082			SB SOLID/NB INTERM
0.880	3.775	RTE J			30,571		
3.775	3.944	RTE J		1,115			SB INTERM/NB SOLID
3.944	4.095	RTE J	200				
4.095	4.257	RTE J		1,069			SB SOLID/NB INTERM
4.257	4.779	RTE J			5,512		
4.779	4.871	RTE J		607			SB INTERM/NB SOLID
4.871	4.932	RTE J			644		
4.932	5.044	RTE J		739			SB SOLID/NB INTERM
5.044	6.319	RTE J			13,464		
6.319	6.492	RTE J		1,142			SB INTERM/NB SOLID
6.492	6.776	RTE J	380				
6.776	6.942	RTE J		1,096			SB SOLID/NB INTERM
6.942	7.804	RTE J			9,103		
7.804	7.907	RTE J		680			SB INTERM/NB SOLID
7.907	7.975	RTE J			718		
7.975	8.078	RTE J		680			SB SOLID/NB INTERM
8.078	9.169	RTE J			11,521		
9.169	9.343	RTE J		1,148			SB INTERM/NB SOLID
9.343	9.435	RTE J	130				
9.435	9.604	RTE J		1,115			SB SOLID/NB INTERM
9.604	10.856	RTE J			13,221		
10.856	10.983	RTE J		838			SB INTERM/NB SOLID
10.983	11.029	RTE J			486		
11.029	11.154	RTE J		825			SB SOLID/NB INTERM
11.154	12.305	RTE J			12,155		
12.305	12.490	RTE J		1,221			SB INTERM/NB SOLID
12.490	12.658	RTE J		1,109			SB SOLID/NB INTERM
12.658	12.784	RTE J			1,331		
0.260	2.488	RTE J				23,528	EDGE LINES
						0	EDGE LINE EXCEPTIONS
		SUBTOTAL	910	15,575	100,204	23,528	
		TOTAL		116,689		23,528	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

ADD ALTERNATE - "D" - RTE J

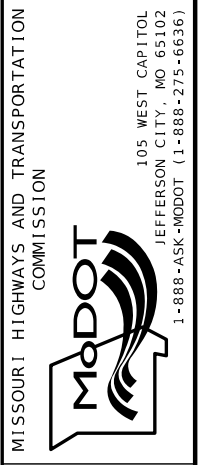


DATE PREPARED
8/13/2024

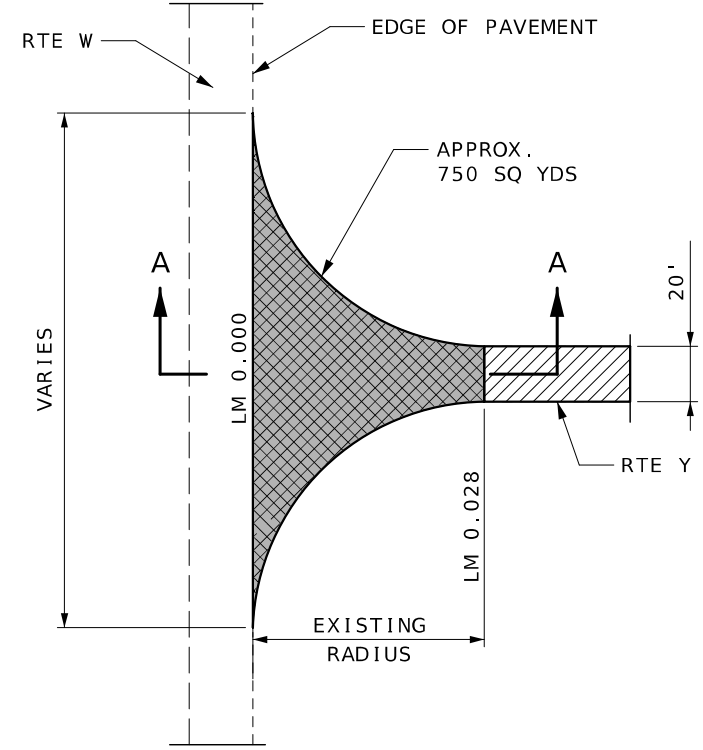
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DISTRICT: NE SHEET NO.: 3

COUNTY: VARIOUS
JOB NO.: JST0105
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

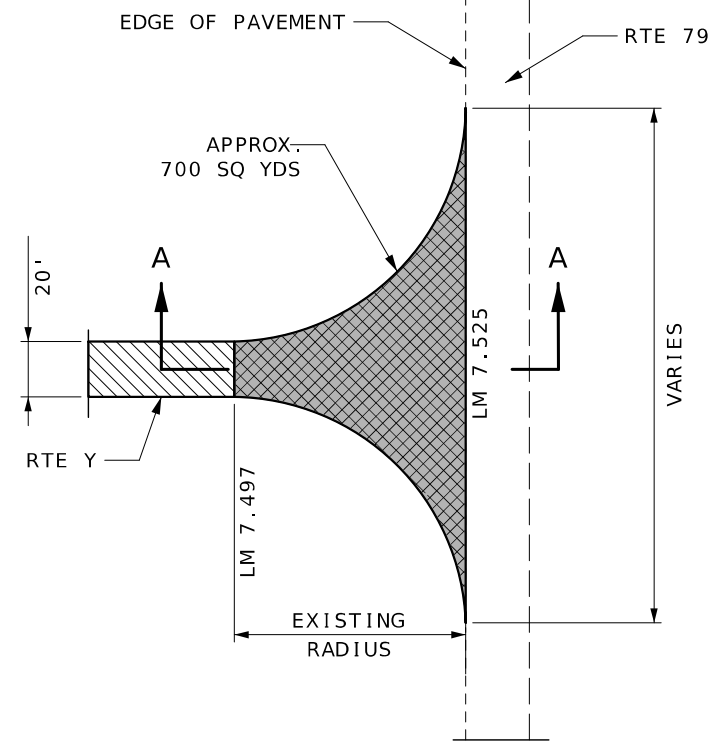
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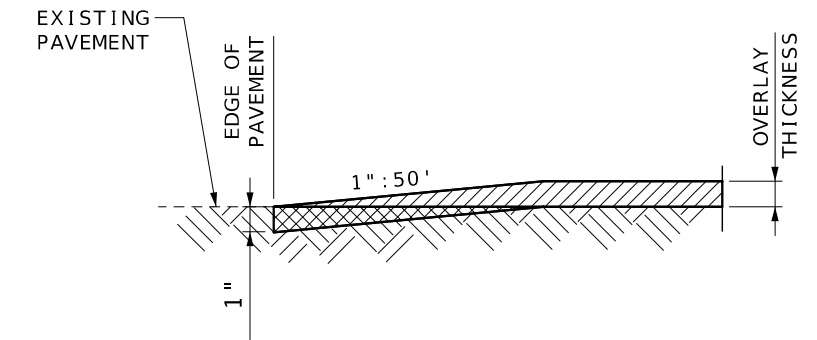
RTE J
MONTGOMERY COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 13 OF 13



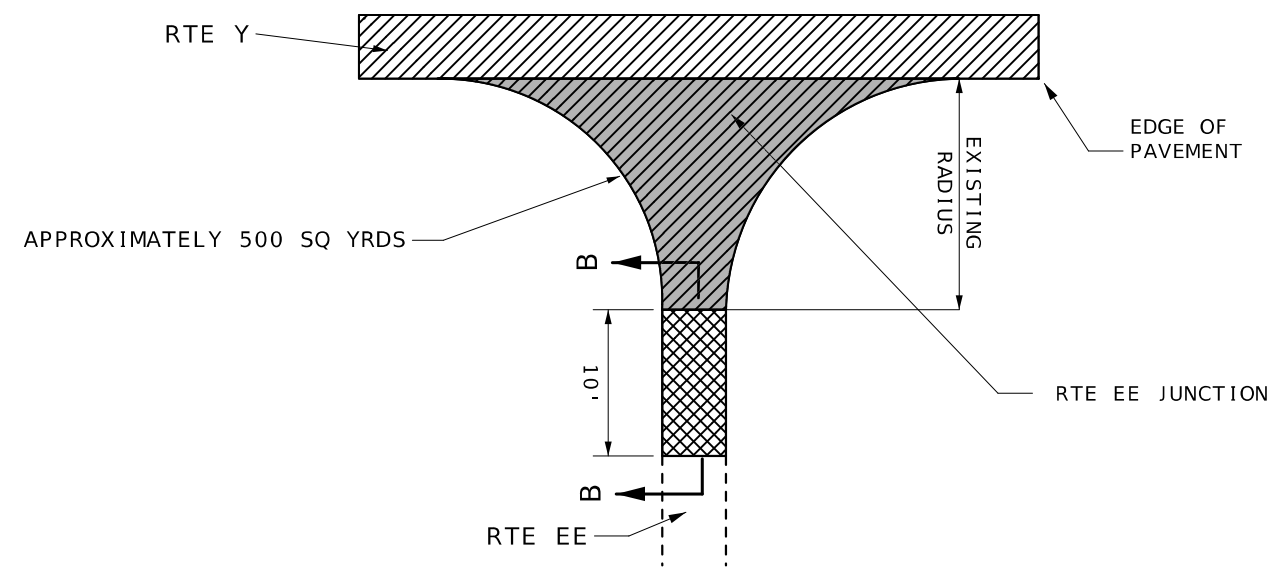
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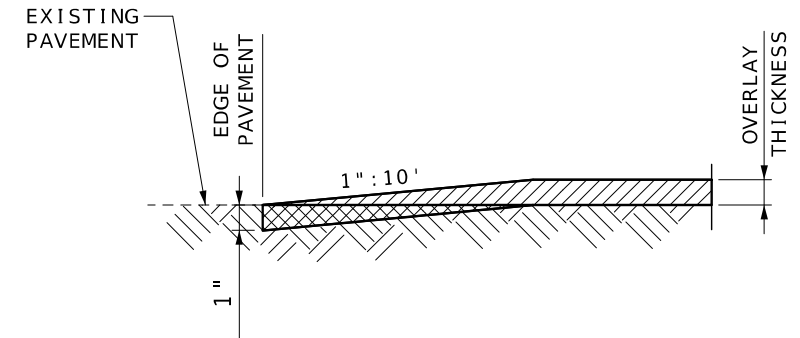
END OF PROJECT



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS





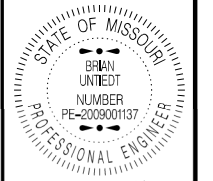
RTE Y & RTE EE INTERSECTION
LM 2.160 / 500 SQ YDS



SECTION B-B
TRAVELWAY DEPTH TRANSITIONS

LEGEND

-  OVERLAY
-  MODIFIED COLDMILLING



DATE PREPARED
8/13/2024


ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
NE 4

COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

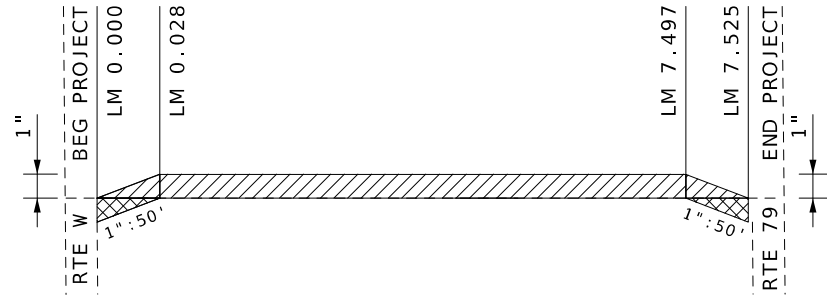
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

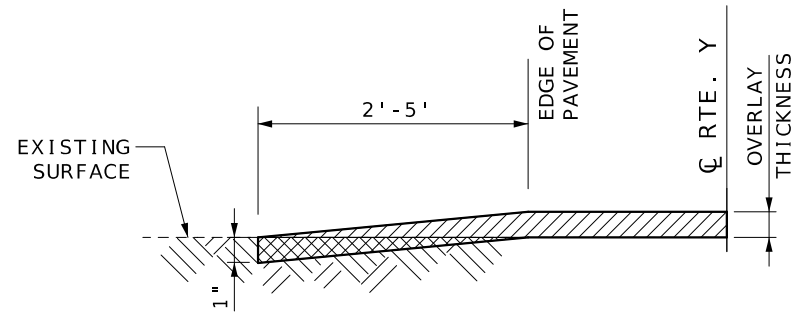


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

RTE Y
LINCOLN COUNTY
SPECIAL SHEET
SHEET 1 OF 11
NOT TO SCALE



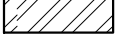



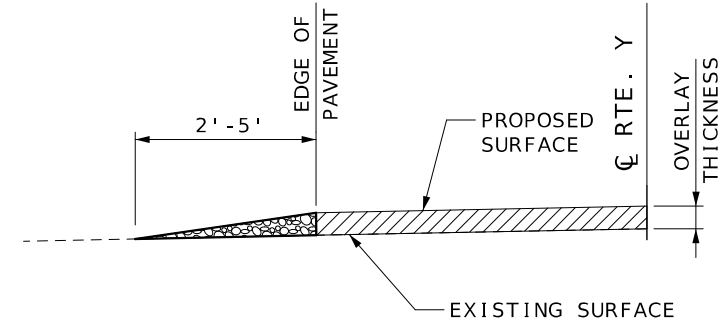
LONGITUDINAL TRAVELWAY DEPTH TRANSITION



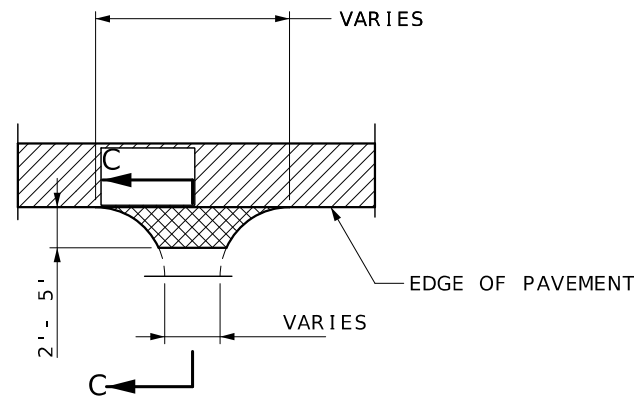
SECTION C-C

LEGEND

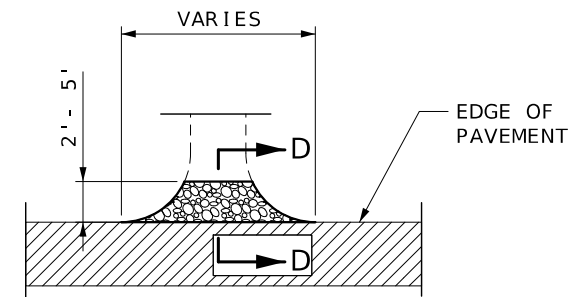
-  OVERLAY
-  MODIFIED COLDMILLING
-  COLDMILL AND OVERLAY
-  GRAVEL OR CRUSHED STONE



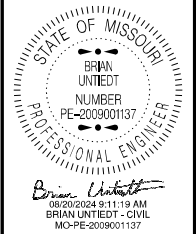
SECTION D-D



SECTION C-C
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)



SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



DATE PREPARED
8/19/2024

ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 5

COUNTY
VARIOUS

JOB NO.
JST0105


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

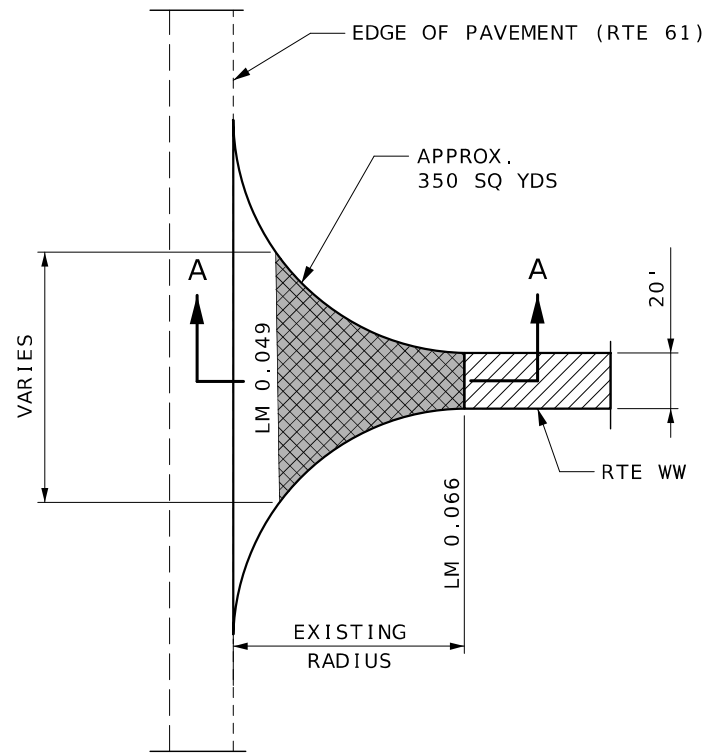
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

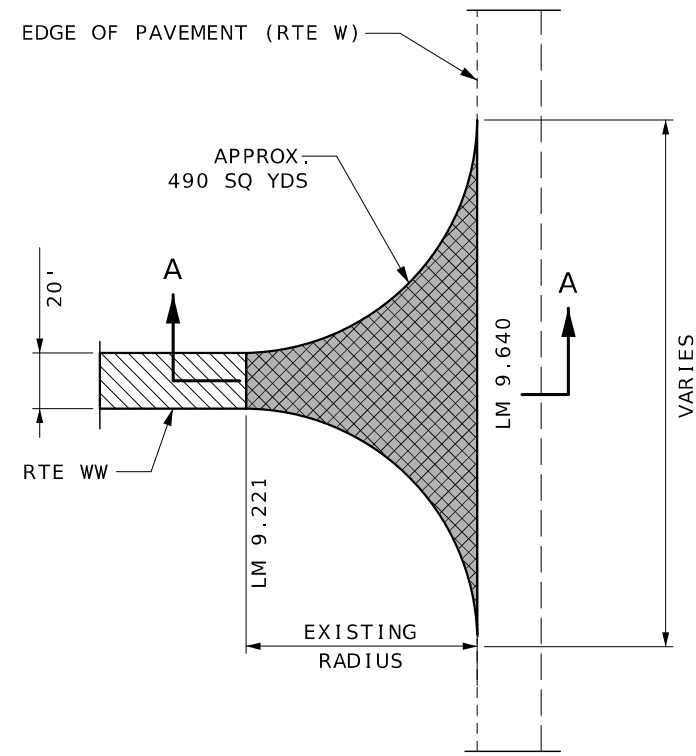


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

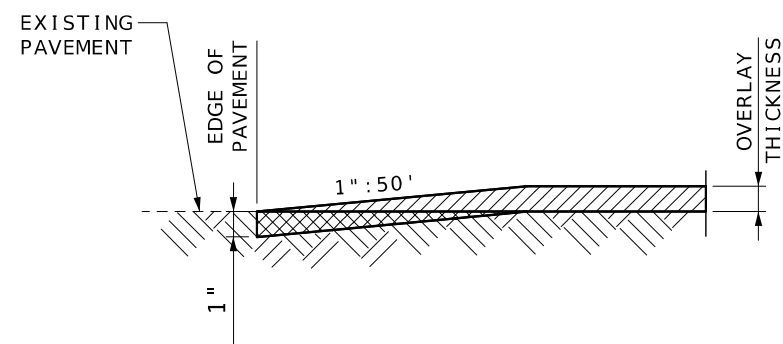
RTE Y
LINCOLN COUNTY
SPECIAL SHEET
SHEET 4 OF 11
NOT TO SCALE



BEG PROJECT

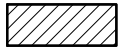


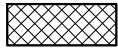
END PROJECT

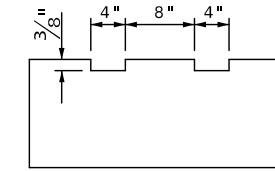


SECTION A-A
TRAVELWAY DEPTH TRANSITIONS

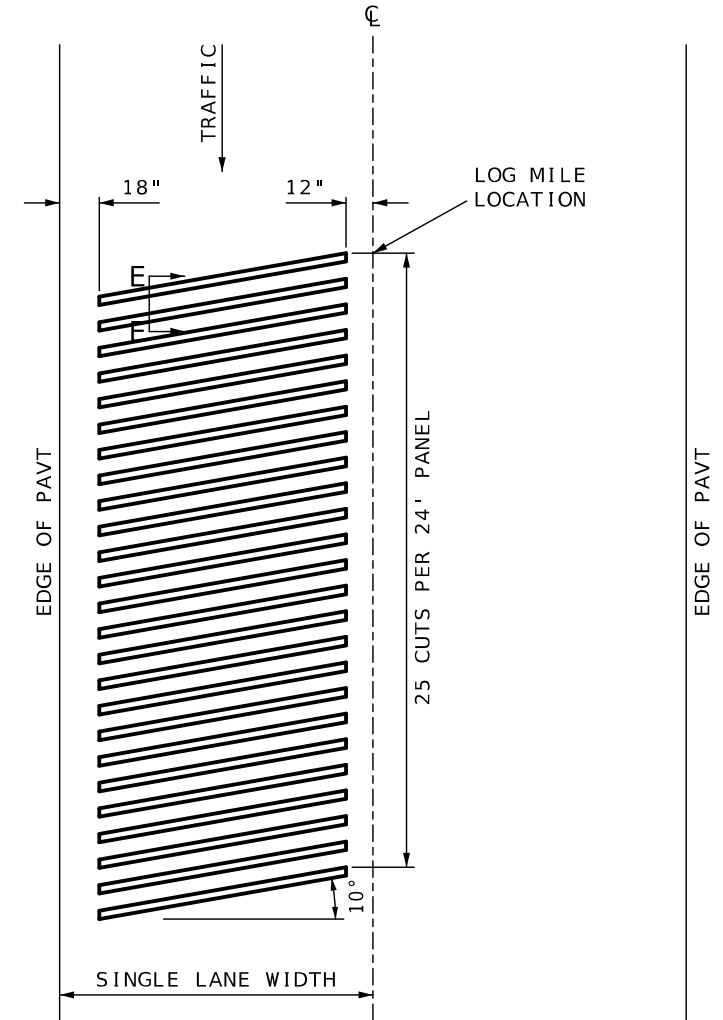
LEGEND

 OVERLAY

 MODIFIED COLDMILLING



SECTION E-E
RUMBLE STRIP
DEPTH DIMENSIONS



TYPICAL TRANSVERSE RUMBLE
STRIPS DIMENSIONS



DATE PREPARED
8/13/2024

ROUTE
VAR.

STATE
MO

DISTRICT
NE

SHEET NO.
6

COUNTY
VARIOUS

JOB NO.
JST0105


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

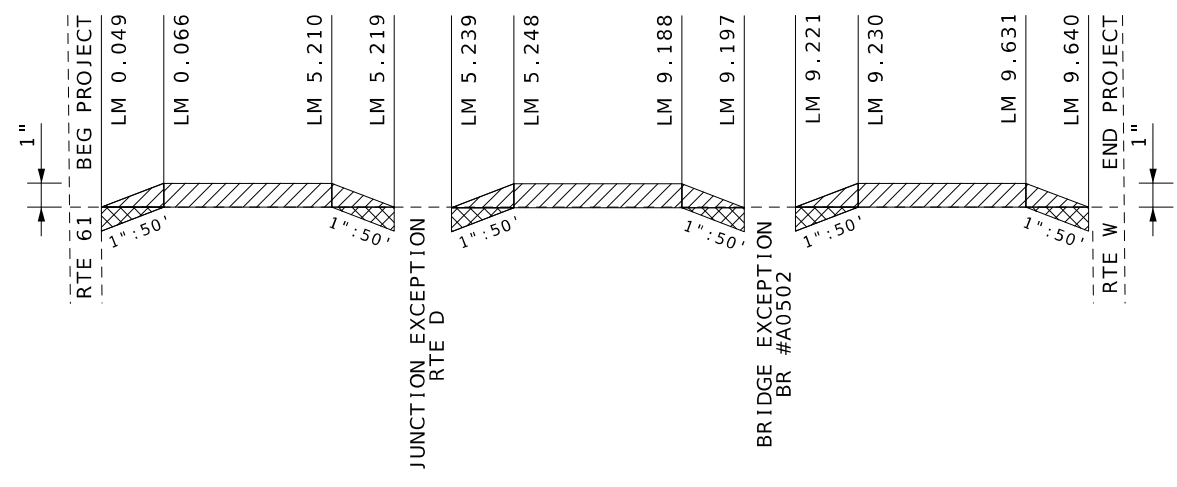
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



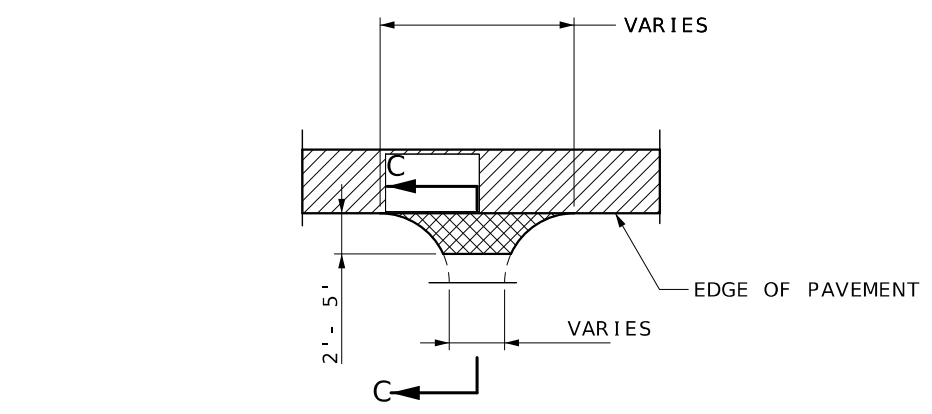
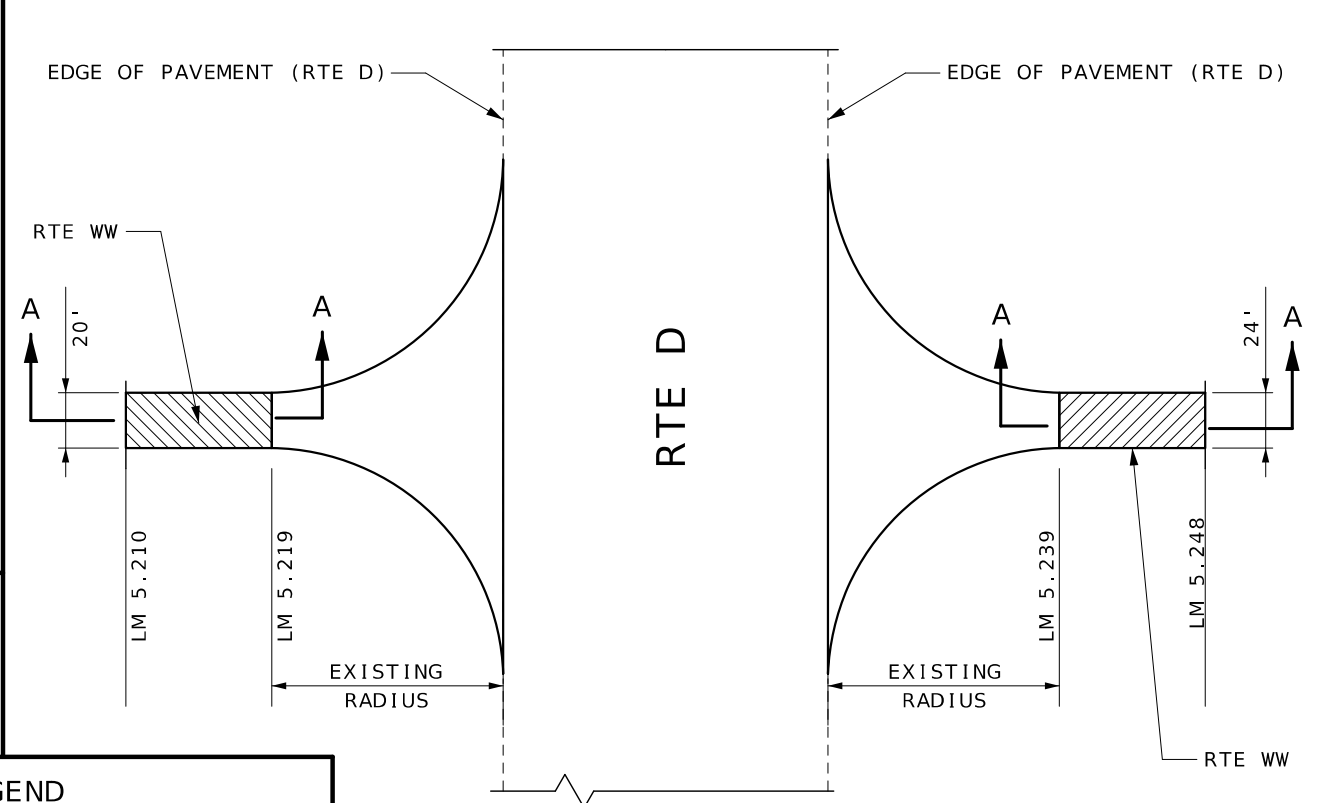
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE WW
PIKE COUNTY

SPECIAL SHEET
SHEET 1 OF 2
NOT TO SCALE



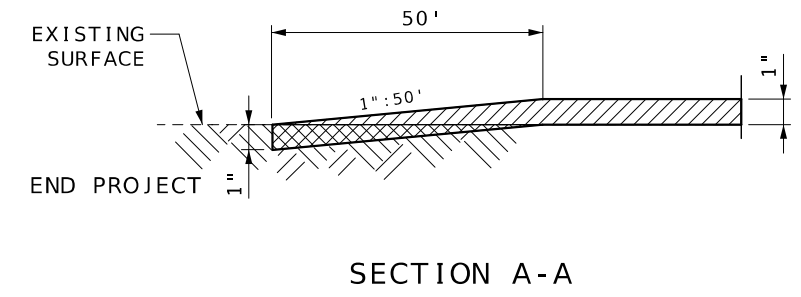
LONGITUDINAL TRAVELWAY DEPTH TRANSITION



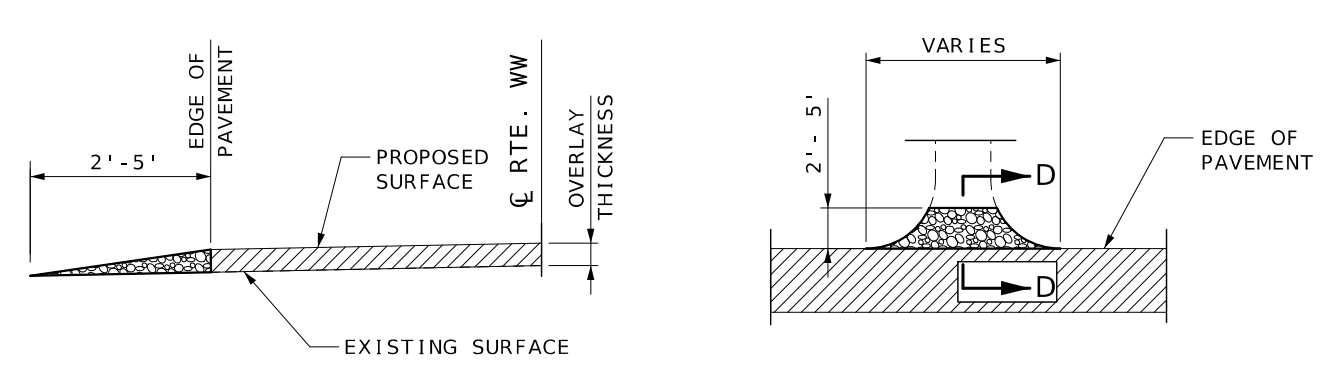
SECTION C-C
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

LEGEND

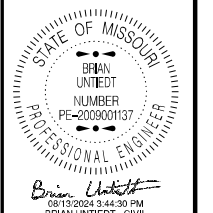
- OVERLAY
- MODIFIED COLDMILLING
- COLDMILL AND OVERLAY
- GRAVEL OR CRUSHED STONE



SECTION A-A



SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)

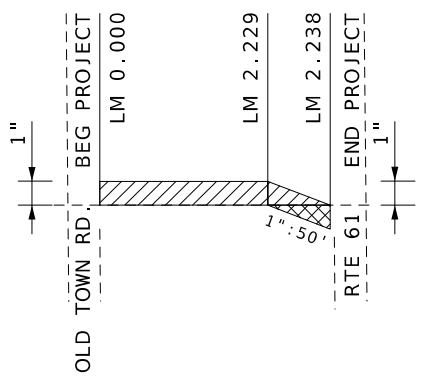


DATE PREPARED
8/13/2024
ROUTE VAR. MO
DISTRICT NE SHEET NO. 7
COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.

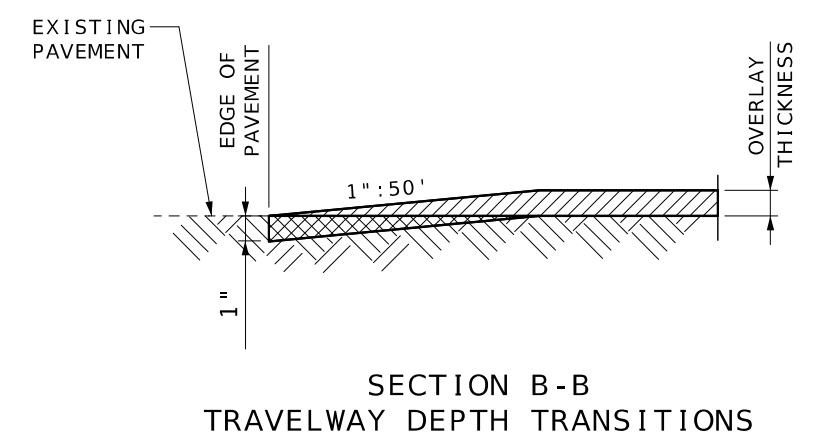
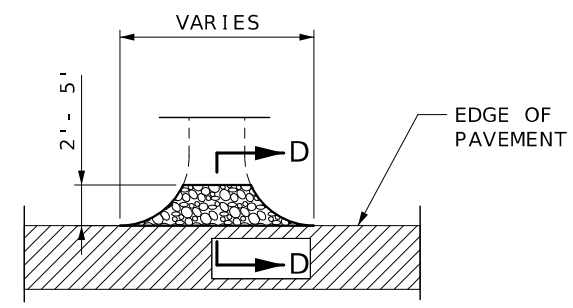
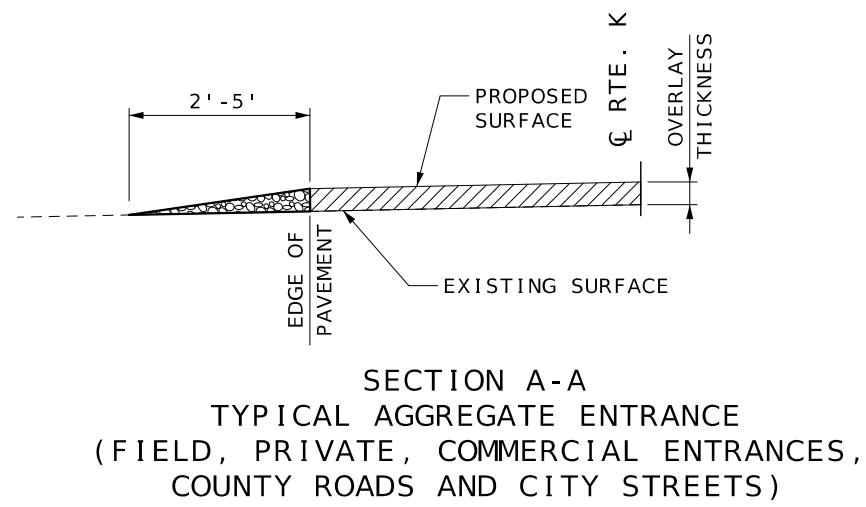
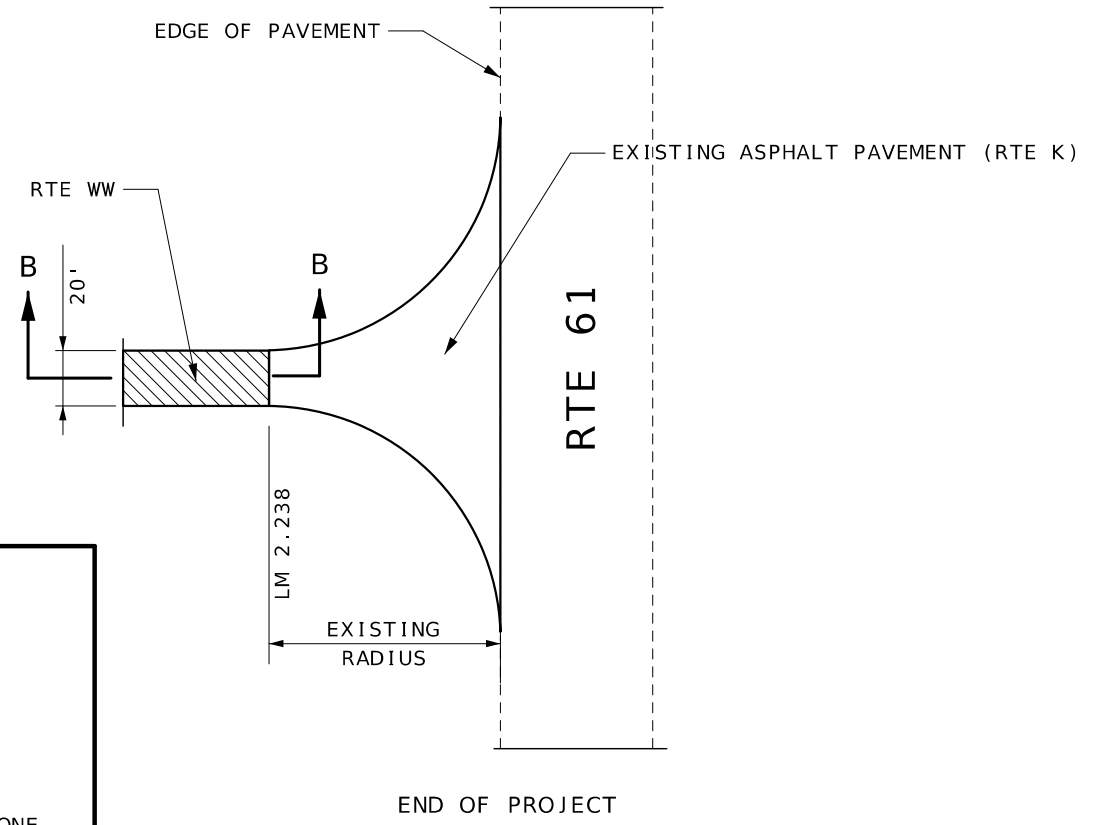
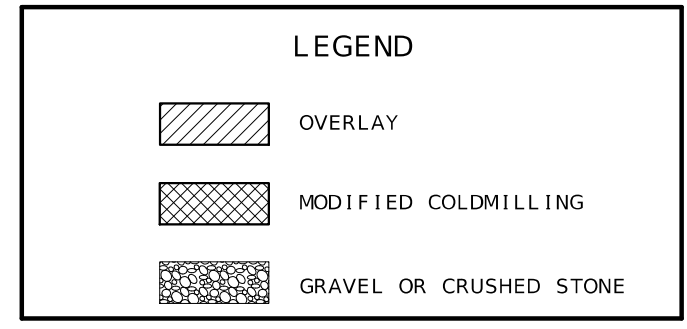
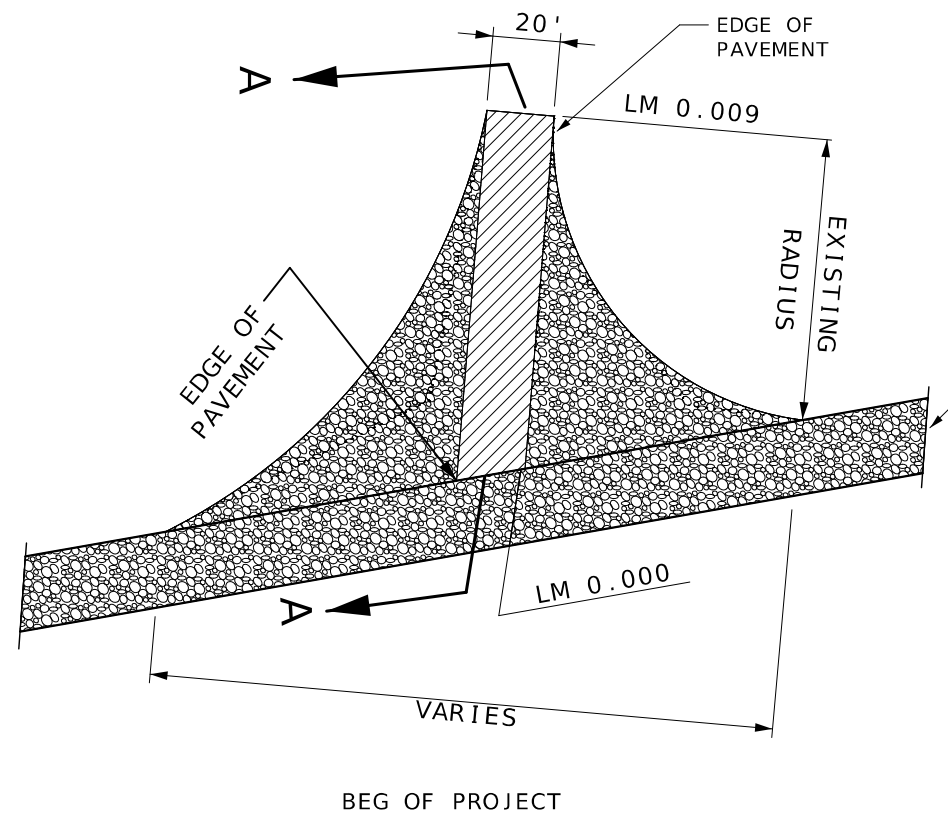
DESCRIPTION	DATE

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

RTE WW
PIKE COUNTY
SPECIAL SHEET
SHEET 2 OF 2
NOT TO SCALE



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



STATE OF MISSOURI
BRIAN UNTERST
NUMBER
PE-2009001137
PROFESSIONAL ENGINEER

DATE PREPARED
8/13/2024

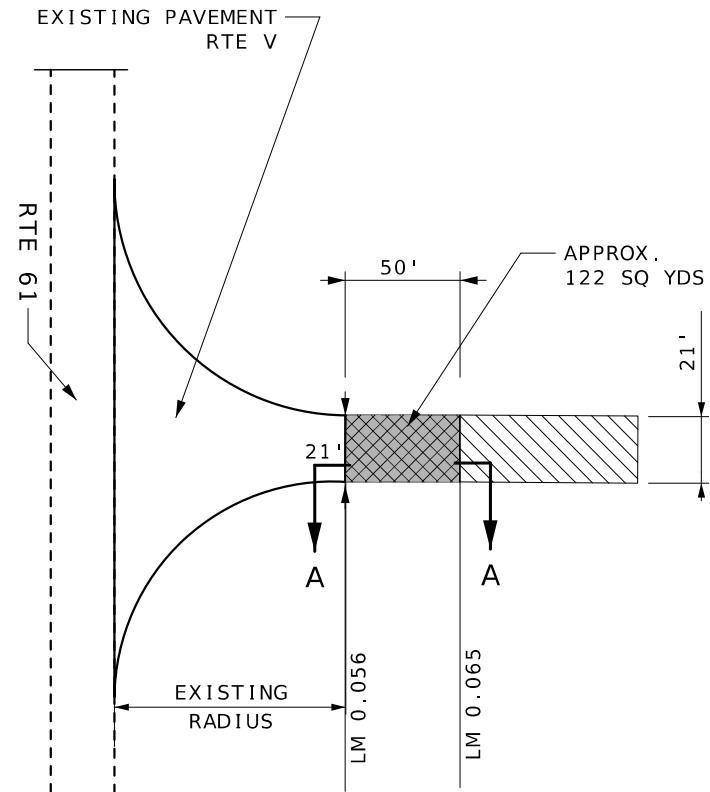
ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 8
COUNTY VARIOUS	
JOB NO. JST0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

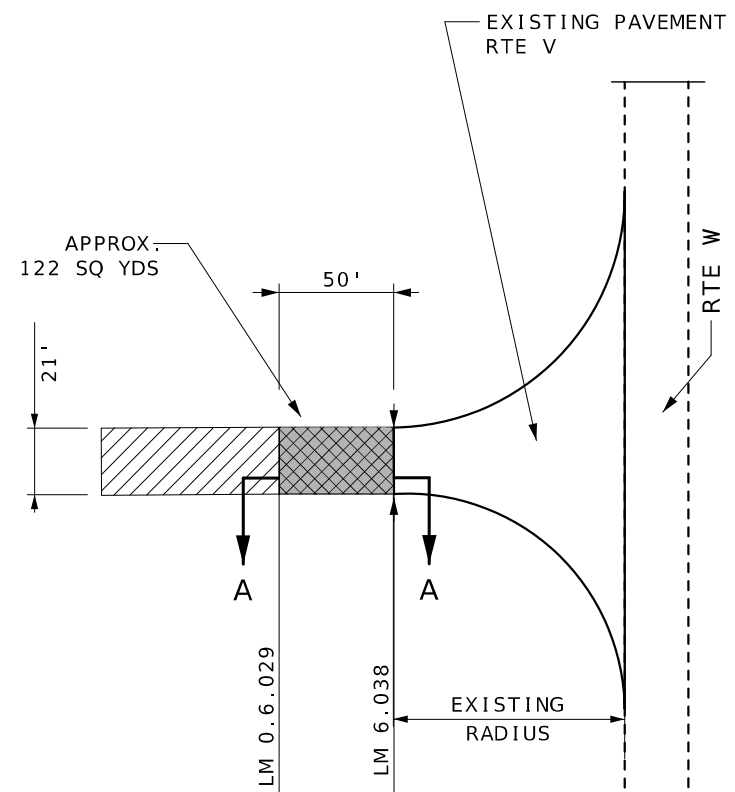
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

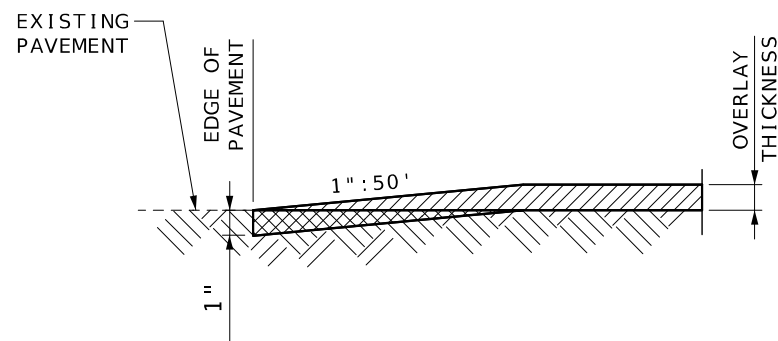
RTE K
LINCOLN COUNTY
SPECIAL SECTION
SHEET 5 OF 11



BEG OF PROJECT



END OF PROJECT



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS

ADD ALTERNATE - "B" - RTE V

LEGEND

OVERLAY

MODIFIED COLDMILLING

DATE PREPARED
8/13/2024

ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 9

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

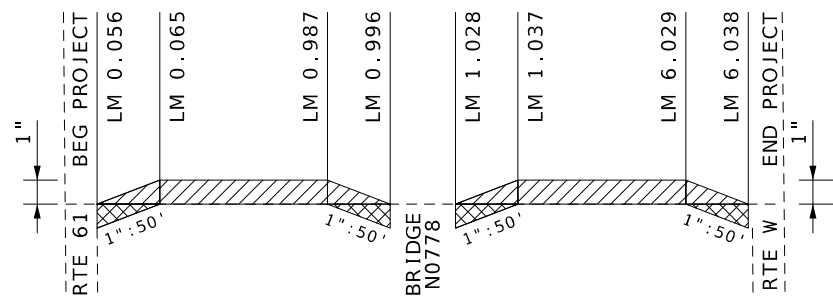
BRIDGE NO.

DATE	DESCRIPTION

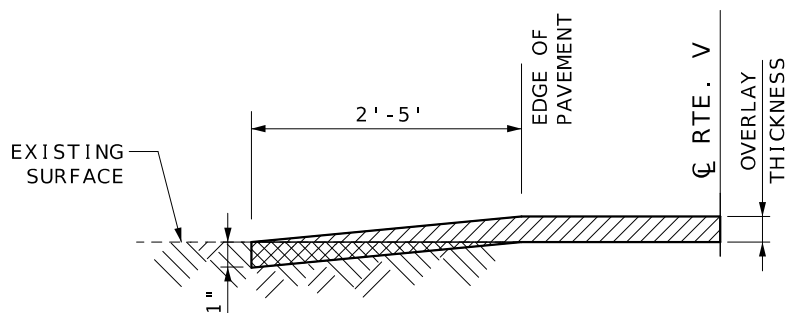
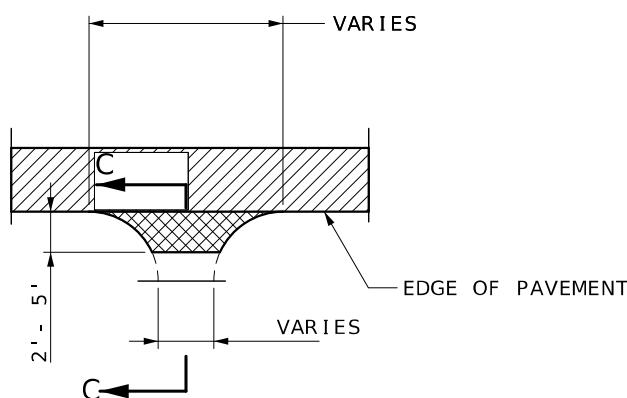
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RTE V
LINCOLN COUNTY
SPECIAL SHEET
SHEET 6 OF 11
NOT TO SCALE



LONGITUDINAL TRAVELWAY DEPTH TRANSITION

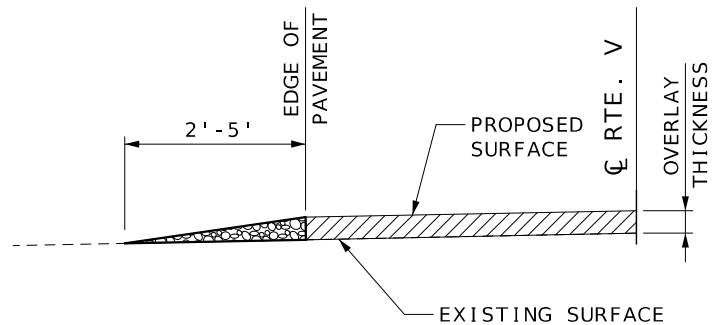
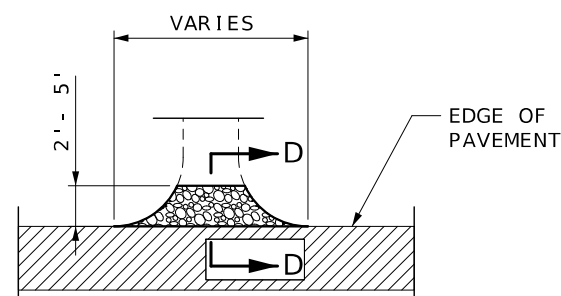


SECTION C-C
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

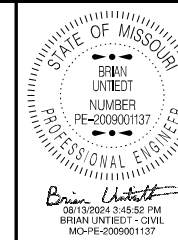
ADD ALTERNATE - "B" - RTE V

LEGEND

- OVERLAY
- MODIFIED COLDMILLING
- COLDMILL AND OVERLAY
- GRAVEL OR CRUSHED STONE



SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



DATE PREPARED
8/13/2024

ROUTE VAR. STATE MO
DISTRICT NE SHEET NO. 10

COUNTY VARIOUS

JOB NO. JST0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

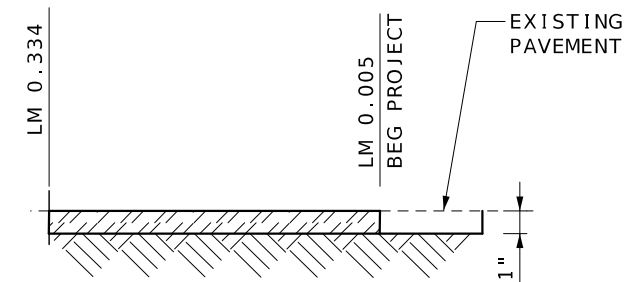
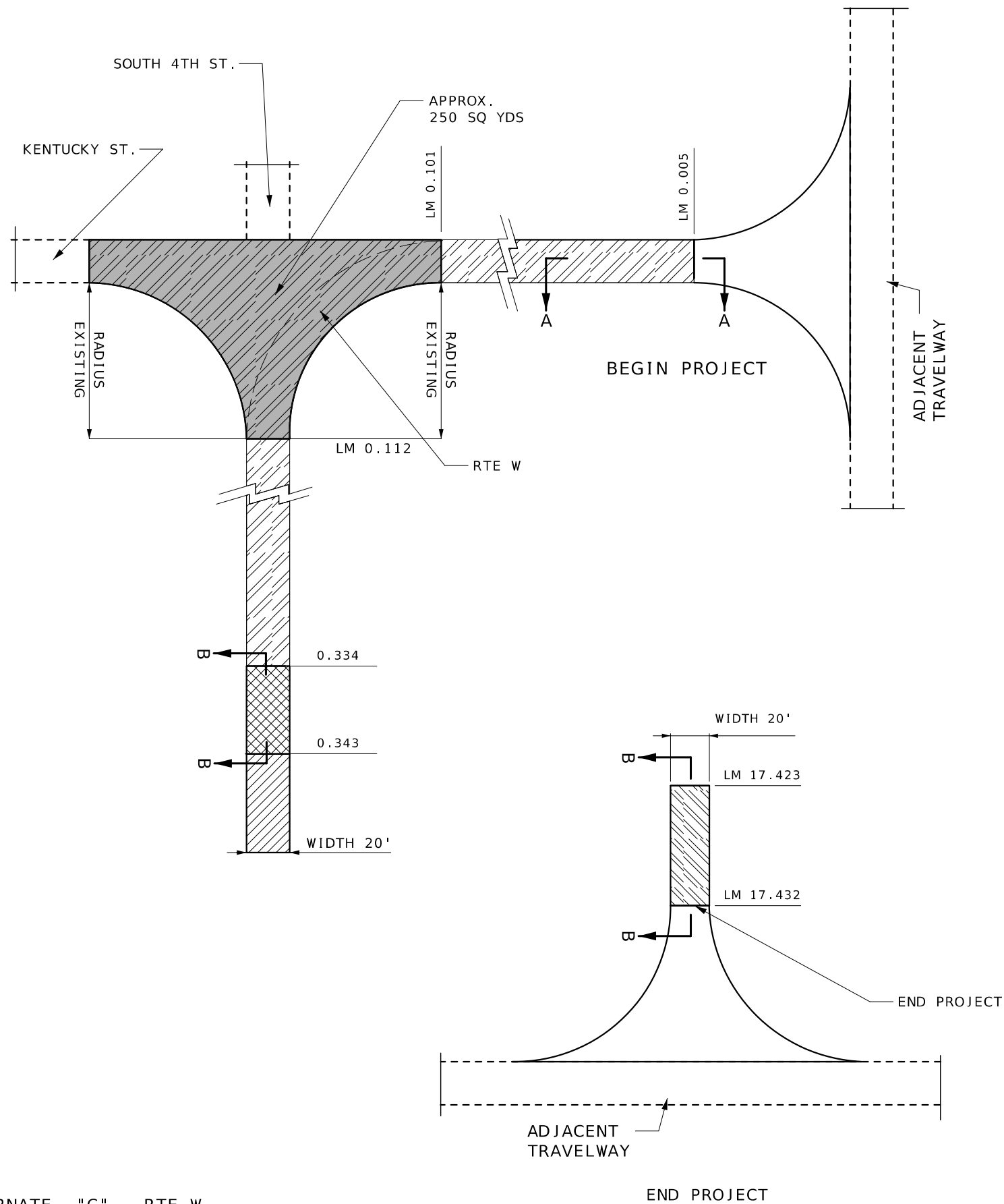
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

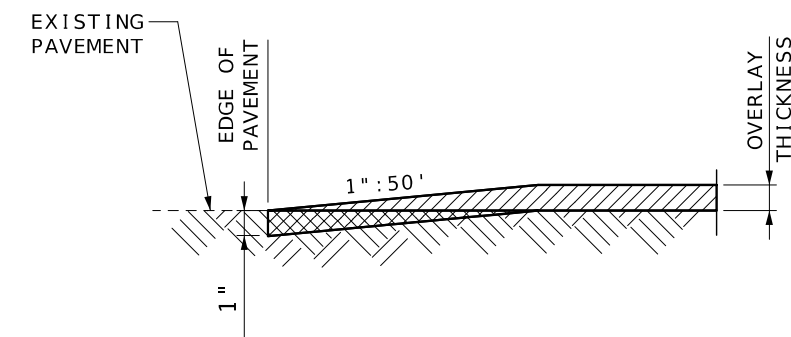
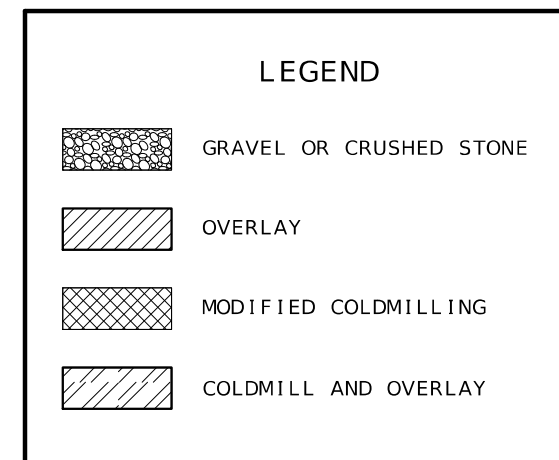
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



RTE V
LINCOLN COUNTY
SPECIAL SHEET
SHEET 7 OF 11
NOT TO SCALE

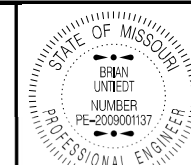


SECTION A-A
TRAVELWAY DEPTH TRANSITIONS



SECTION B-B
TRAVELWAY DEPTH TRANSITIONS

ADD ALTERNATE - "C" - RTE W



DATE PREPARED
8/13/2024

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
NE 11

COUNTY
VARIOUS
JOB NO.
JST0105
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

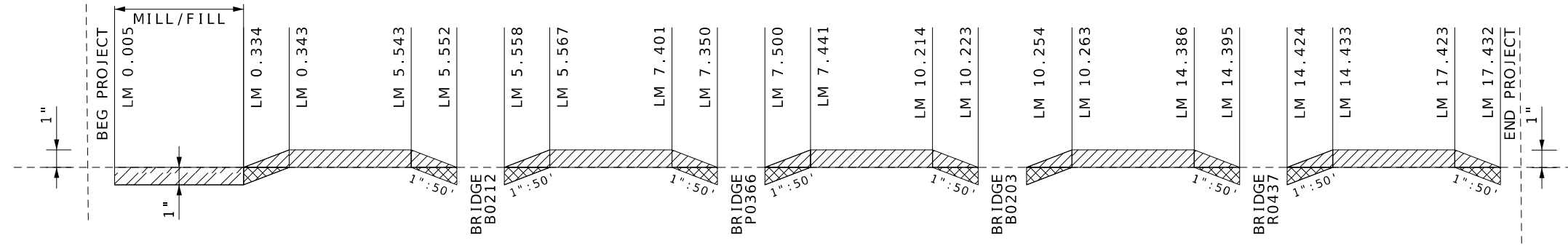
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

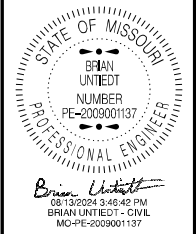
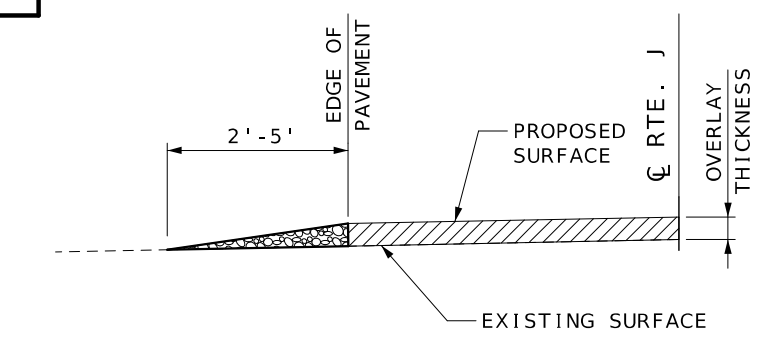
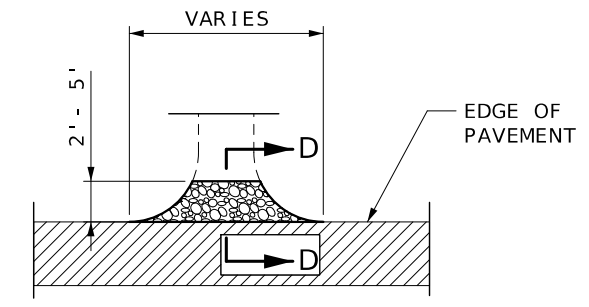
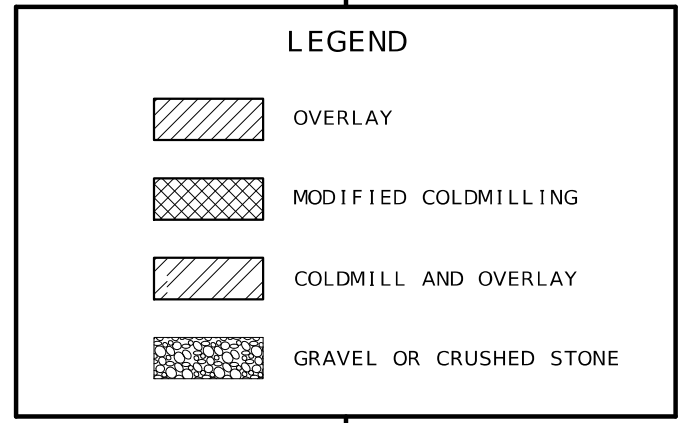
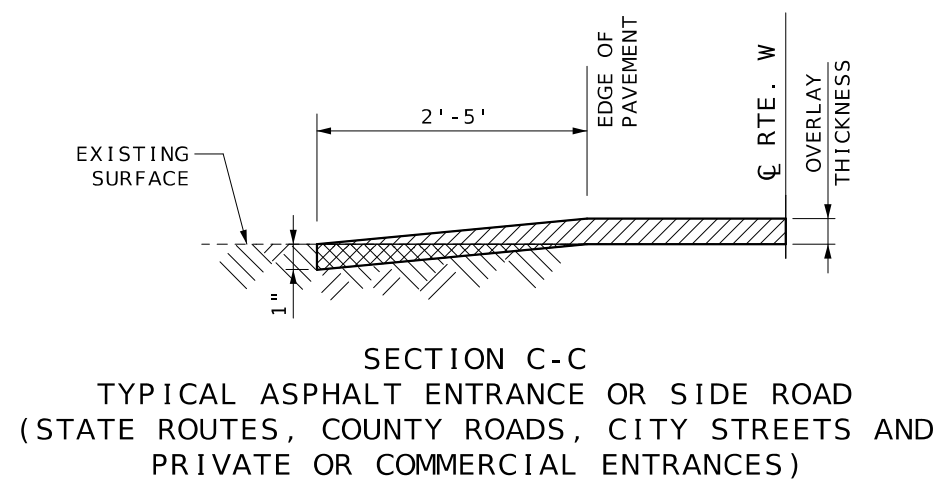
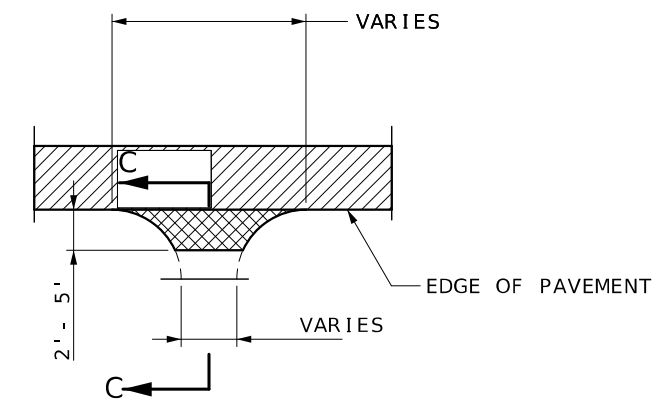


RTE W
PIKE & LINCOLN COUNTIES

SPECIAL SHEET
SHEET 8 OF 11
NOT TO SCALE



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



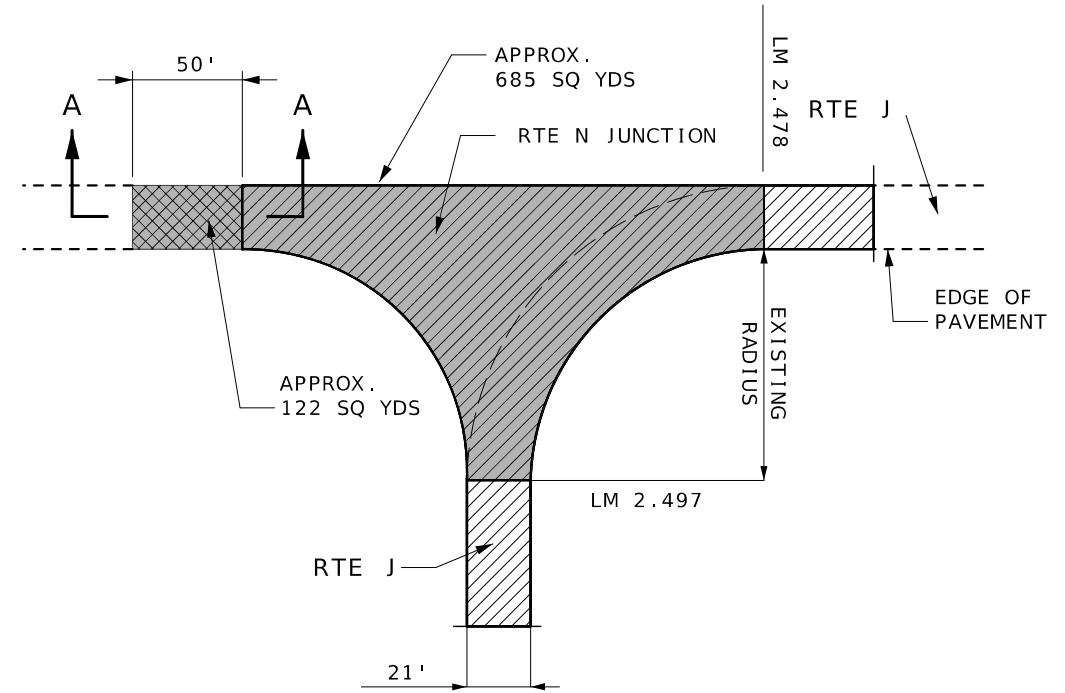
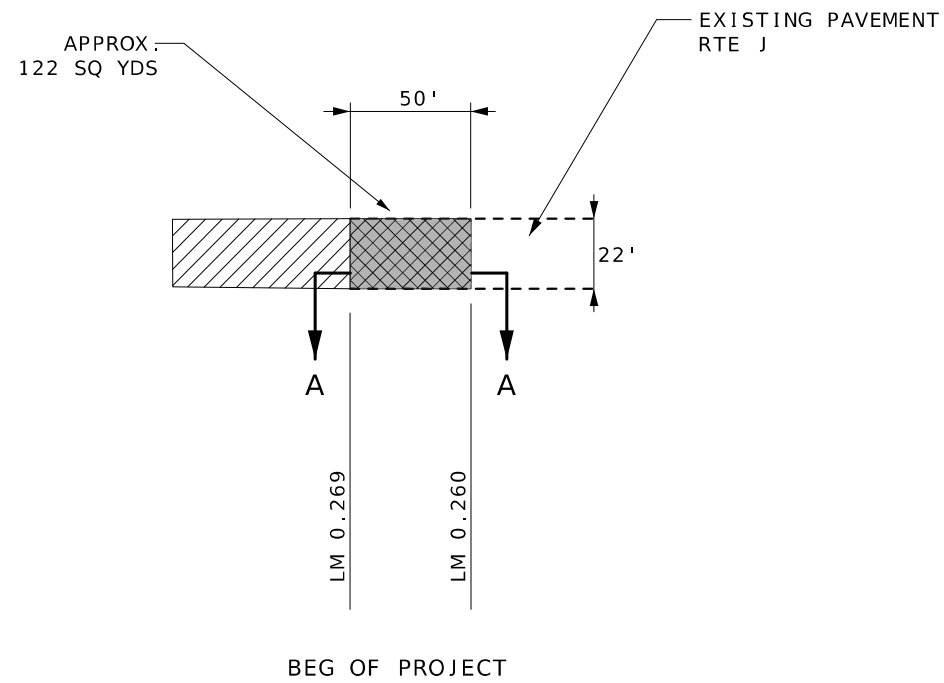
DATE PREPARED 8/13/2024	
ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 12
COUNTY VARIOUS	
JOB NO. JST0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

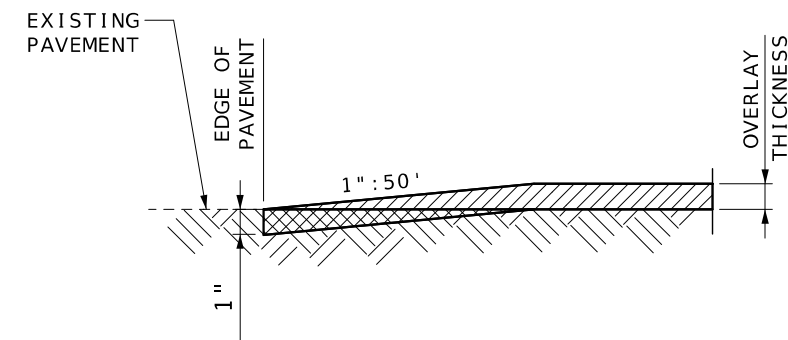
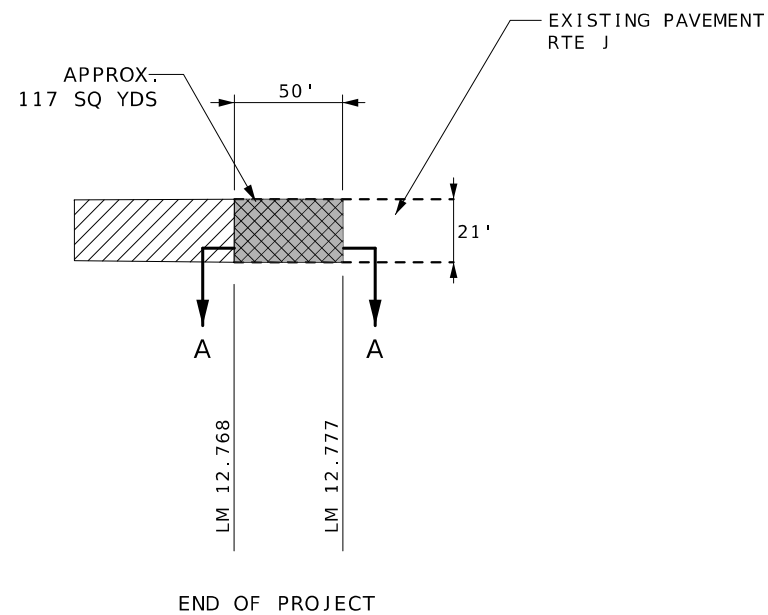
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

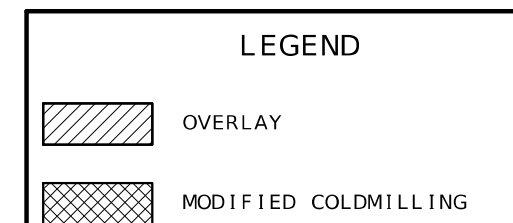
PIKE & LINCOLN COUNTIES
SPECIAL SHEET
SHEET 9 OF 11
NOT TO SCALE



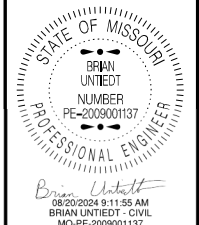
RTE J & RTE N INTERSECTION
LM 2.478 TO 2.497 / 685 SQ YDS



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS



ADD ALTERNATE - "D" - RTE J



DATE PREPARED
8/19/2024

ROUTE
VAR.

STATE
MO

DISTRICT
NE

SHEET NO.
13

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

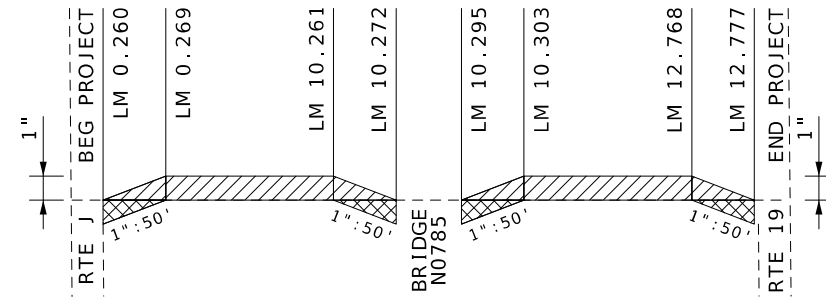
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

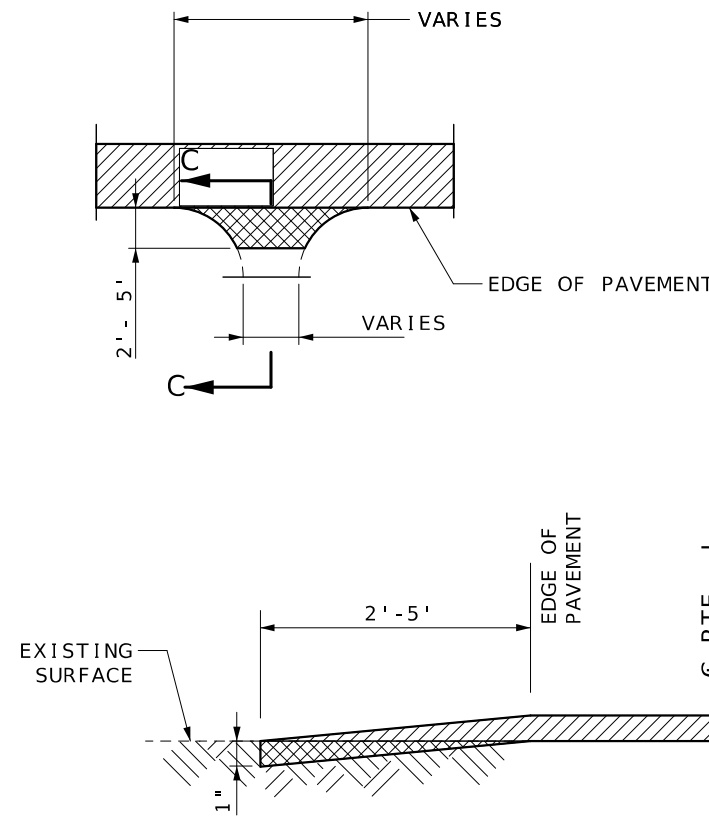
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE J
MONTGOMERY COUNTY

SPECIAL SHEET
SHEET 10 OF 11
NOT TO SCALE



LONGITUDINAL TRAVELWAY DEPTH TRANSITION

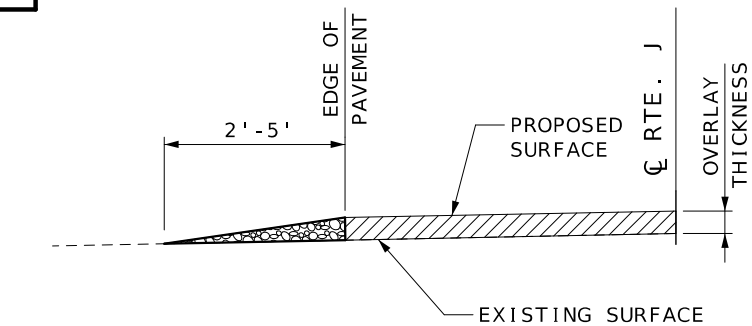
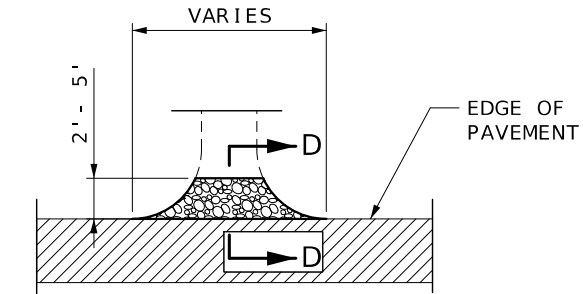


SECTION C-C
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

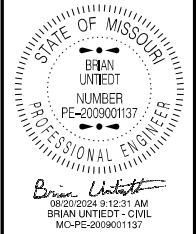
LEGEND

	OVERLAY
	MODIFIED COLDMILLING
	COLDMILL AND OVERLAY
	GRAVEL OR CRUSHED STONE

ADD ALTERNATE - "D" - RTE J



SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



DATE PREPARED 8/19/2024	
ROUTE VAR.	STATE MO
DISTRICT NE	SHEET NO. 14
COUNTY VARIOUS	
JOB NO. JST0105	
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)

RTE J
MONTGOMERY COUNTY
SPECIAL SHEET
SHEET 11 OF 11
NOT TO SCALE



BRIDGE
OR
RAMP

WORK
ZONE

SPEED
LIMIT
55



CENTER LANE
OR
LEFT LANE



CENTER
OR
LEFT



SPEED
LIMIT
65

(2)

(54)

(4)

(5)

(6)

(6A)

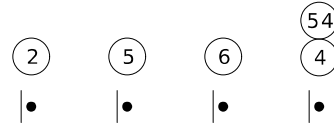
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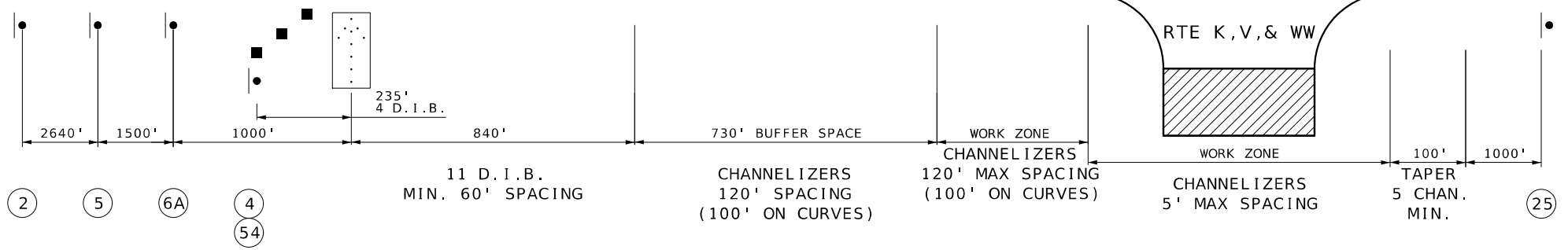
SOUTHBOUND 61



NORTHBOUND 61



(25)



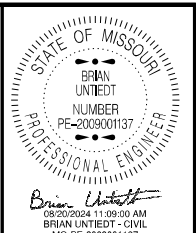
TRAFFIC CONTROL LEGEND

- ▼ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- SIGN
- ⋯ FLASHING ARROW PANEL

GENERAL NOTES

1. USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.

U.S. 61 TRAFFIC CONTROL



DATE PREPARED
8/20/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NE 15

COUNTY
VARIOUS

JOB NO.
JST0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TEMPORARY TRAFFIC CONTROL
LANE CLOSURE ON DIVIDED HIGHWAY
SHEET 1 OF 1
NOT TO SCALE