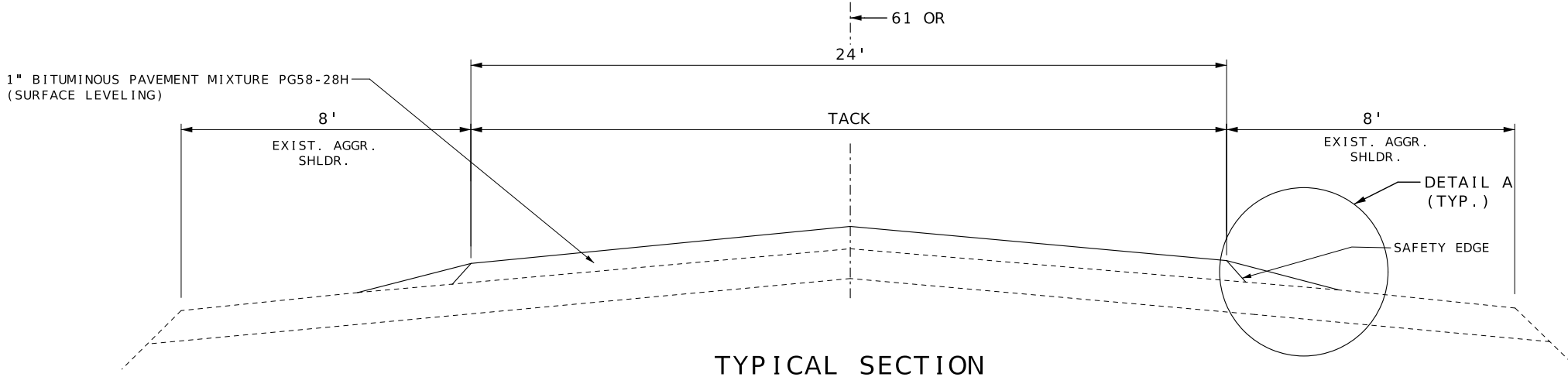
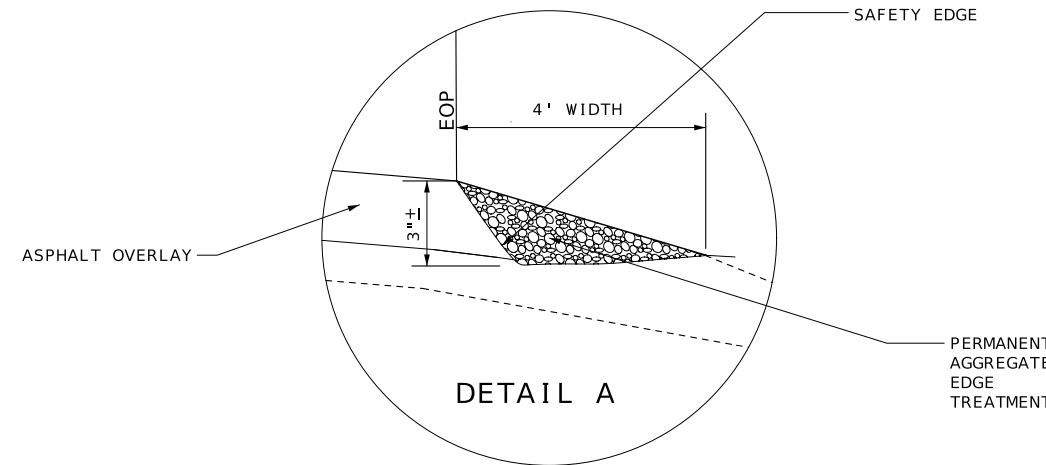




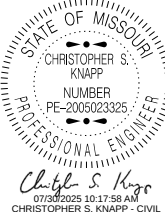
TYPICAL SECTION
LOG MI. 0.570 TO 1.322



MODIFY AS DIRECTED BY ENGINEER
DETAIL "A"
PERMANENT AGGREGATE EDGE TREATMENT

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

SECTION 1



DATE PREPARED
7/30/2025

ROUTE STATE
61 OR MO

DISTRICT SHEET NO.
NE 2

COUNTY
LINCOLN

JOB NO.
JNE0096

CONTRACT ID.

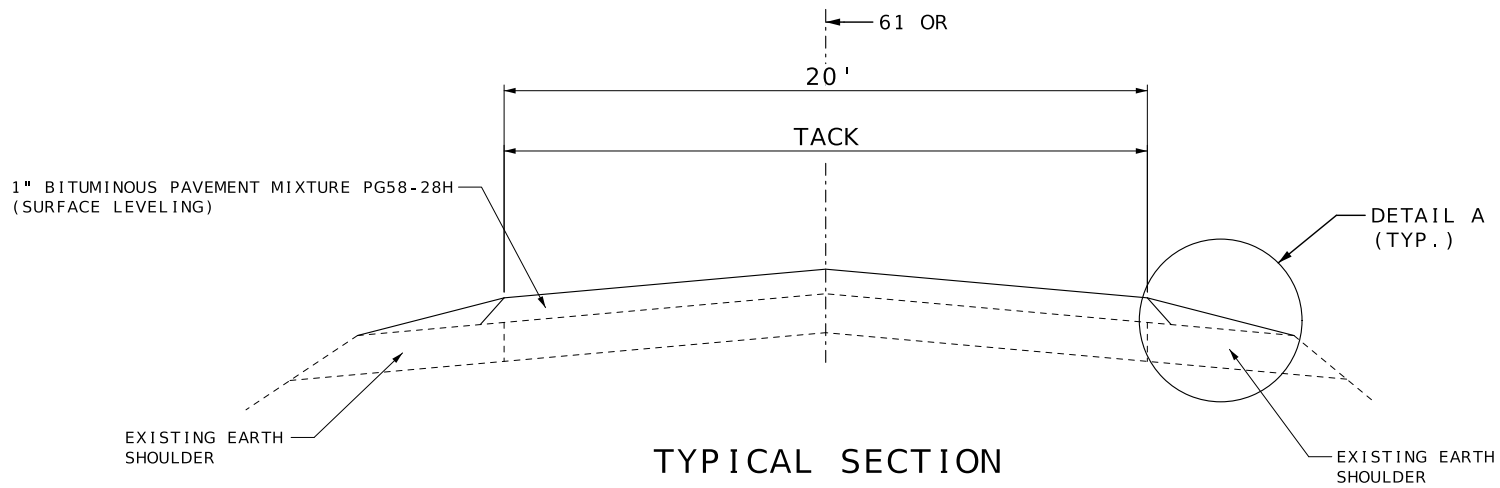
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

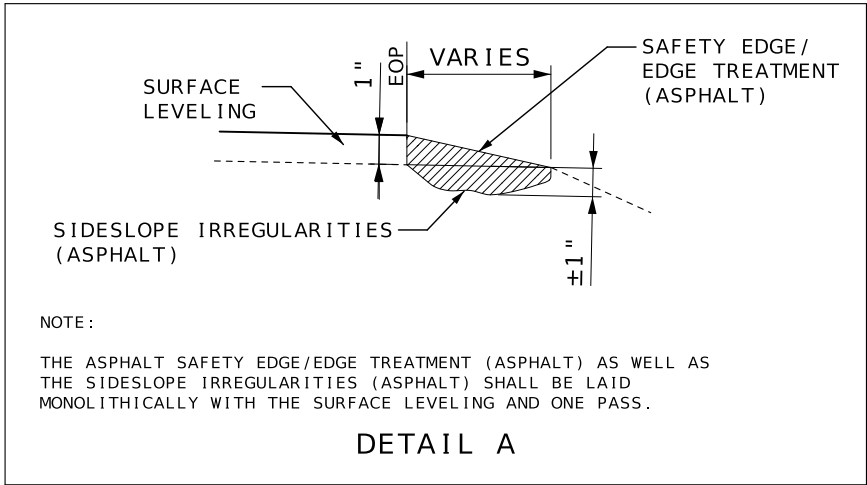
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

61 OR (SEC 1)
LINCOLN COUNTY
TYPICAL SECTION SHEET
SHEET 1 OF 8

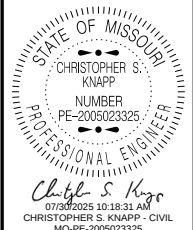


TYPICAL SECTION
LOG MI. 0.000 TO 0.730

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



SECTION 2



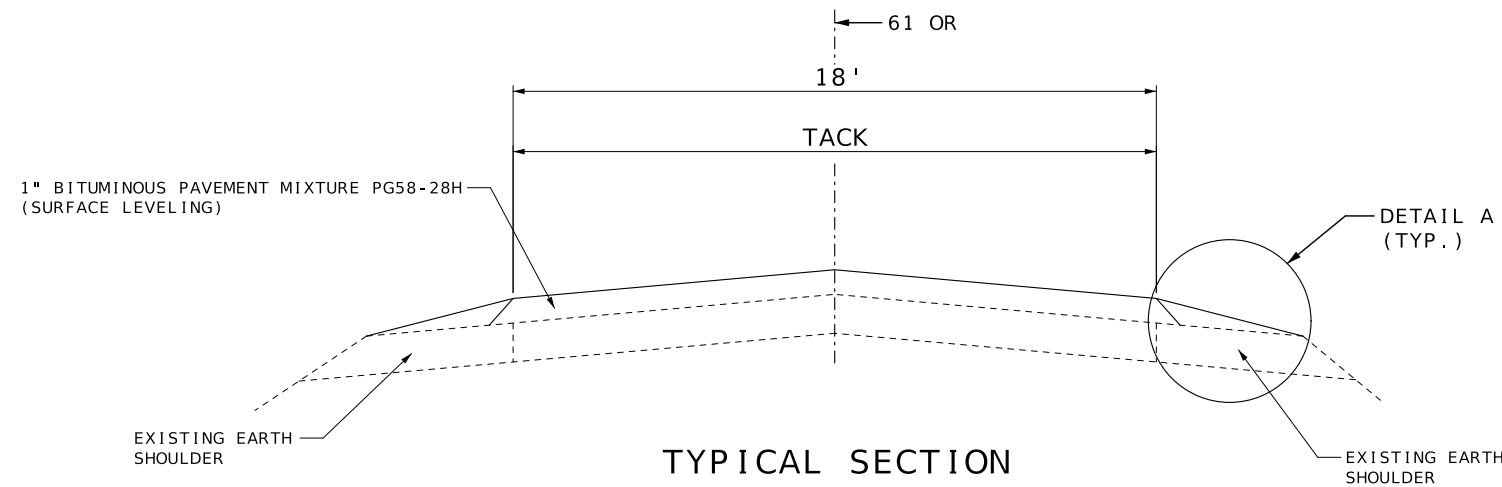
DATE PREPARED 7/30/2025	
ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY LINCOLN	
JOB NO. JNE0096	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

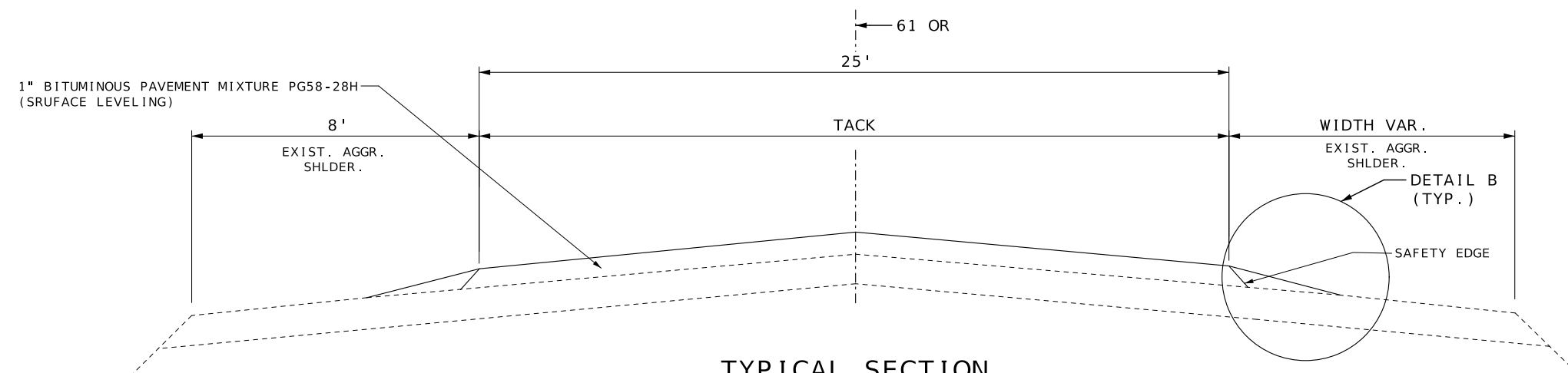
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TYPICAL SECTION

LOG MI. 0.397 TO 0.553

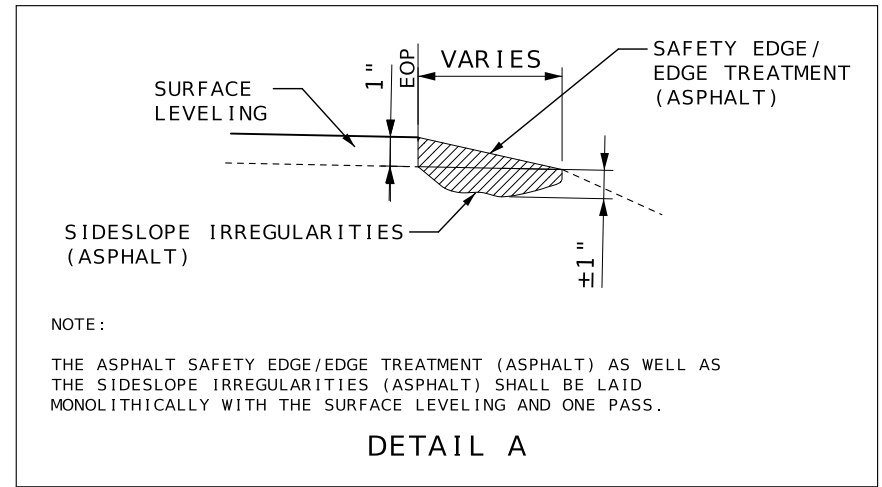
NOTE: SURFACE LEVELING PLACEMENT SHALL BE ONE PASS PER LANE. NO S.E. CORRECTION.



TYPICAL SECTION

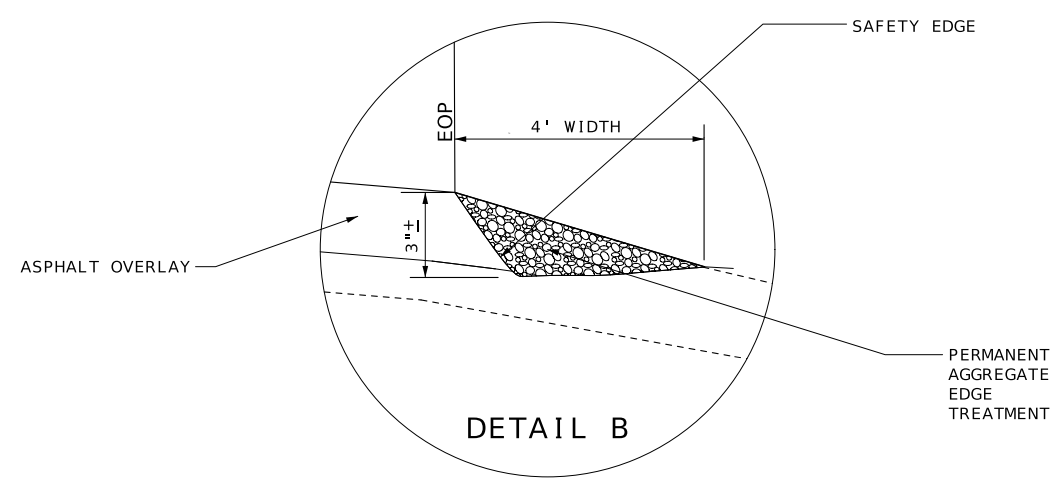
LOG MI. 0.553 TO 0.877

- * RIGHT SIDE
- LOG MI. 0.553 TO 0.631 = 8'
- LOG MI. 0.651 TO 0.742 = 4'
- LOG MI. 0.777 TO 0.797 = 4'
- LOG MI. 0.813 TO 0.877 = 6'



DETAIL A

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 B

MODIFY AS DIRECTED BY ENGINEER
DETAIL "B"
PERMANENT AGGREGATE EDGE TREATMENT

SECTION 3

STATE OF MISSOURI

CHRISTOPHER S. KNAPP

NUMBER

PE-2005023325

PROFESSIONAL ENGINEER

Christopher S. Knapp

07/30/2025 10:19:20 AM

CHRISTOPHER S. KNAPP - CIVIL

MO-PE-2005023325

DATE PREPARED

7/30/2025

ROUTE

61 OR

STATE

MO

DISTRICT

NE

SHEET NO.

2

COUNTY

LINCOLN

JOB NO.

JNE0096

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)

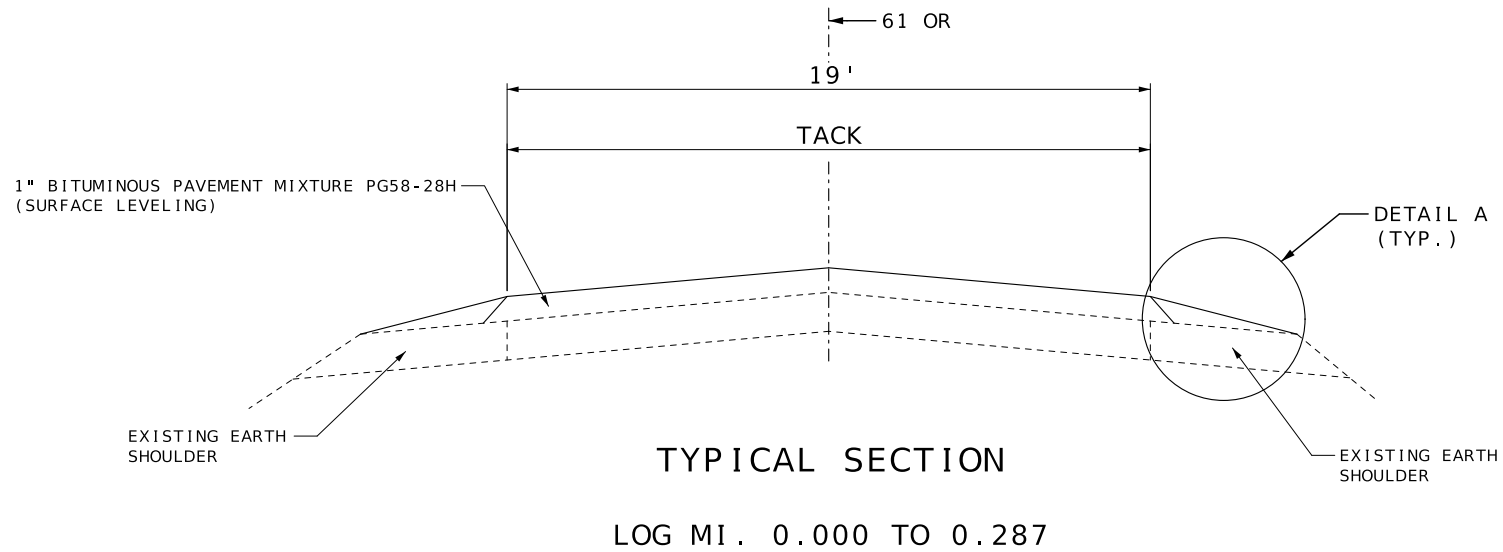
61 OR (SEC 3)

LINCOLN COUNTY

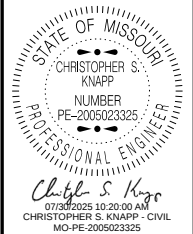
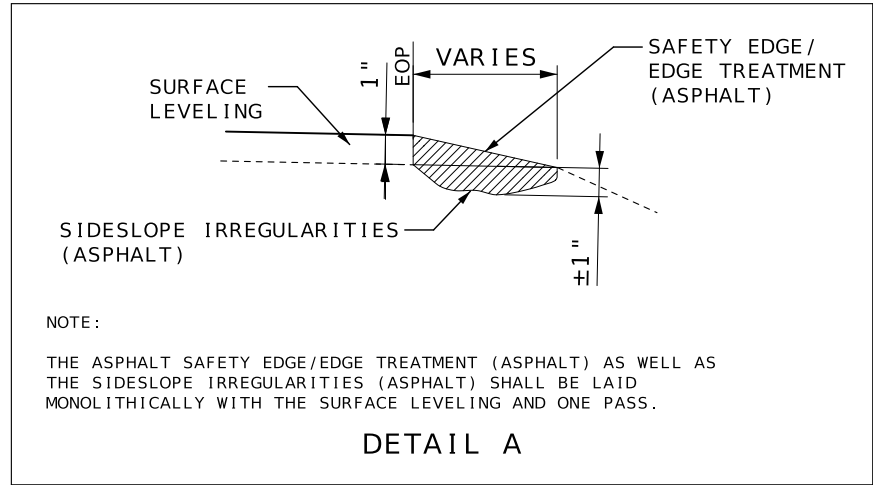
TYPICAL SECTION SHEET

SHEET 3 OF 8

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



SECTION 4



DATE PREPARED 7/30/2025	
ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY LINCOLN	
JOB NO. JNE0096	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

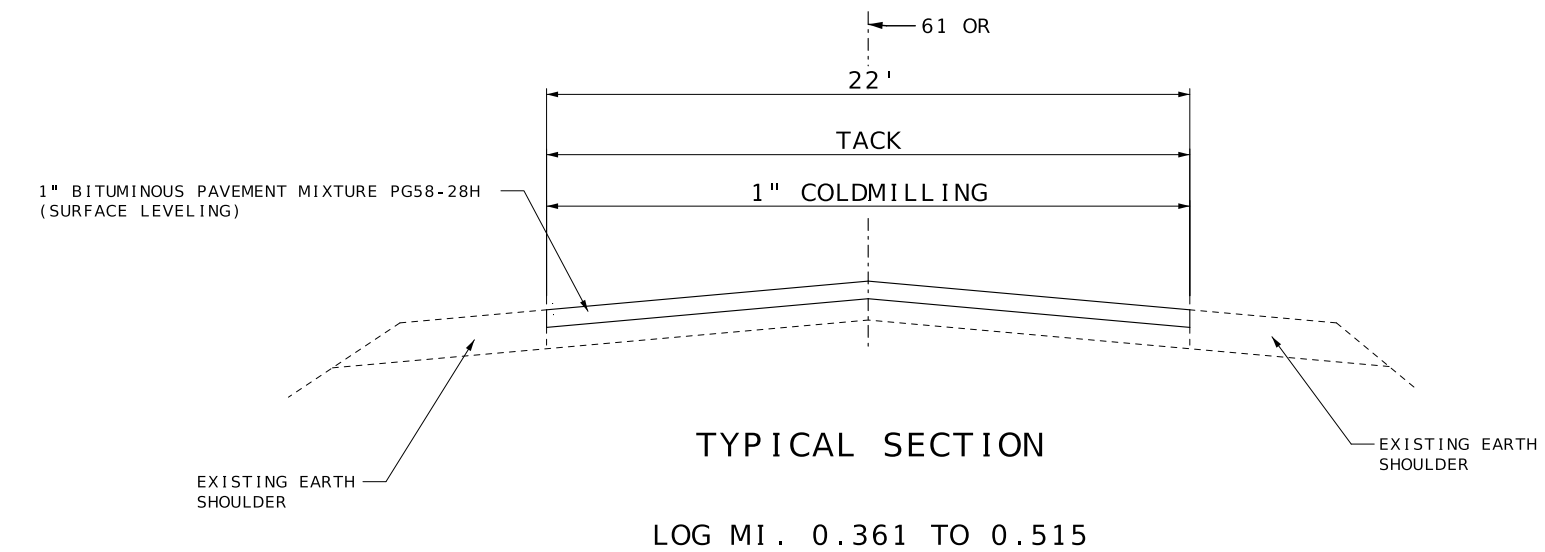
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

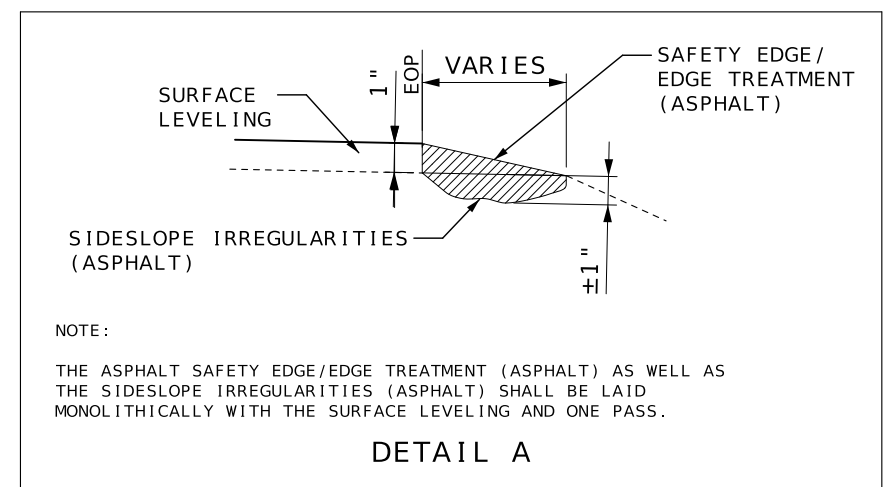
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

61 OR (SEC 4)
LINCOLN COUNTY

TYPICAL SECTION SHEET
SHEET 4 OF 8



SECTION 5



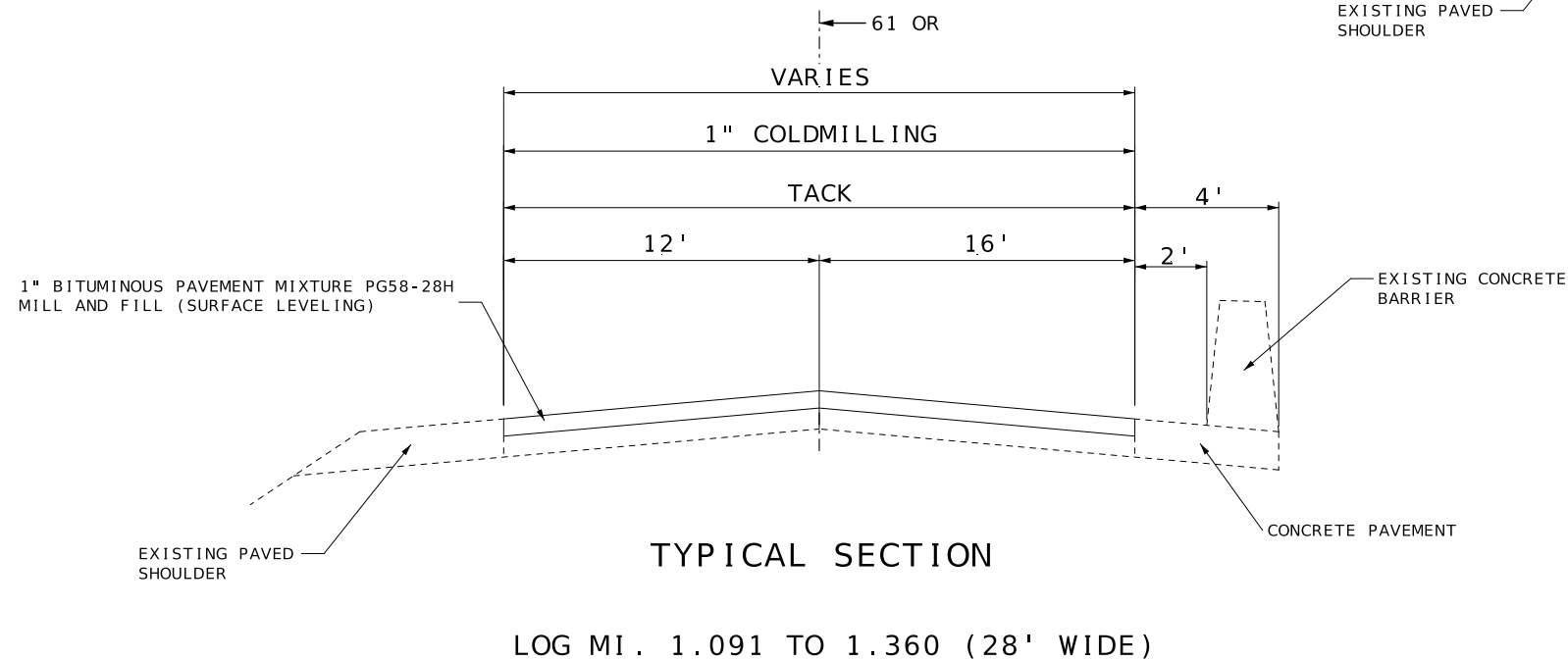
TYPICAL SECTION SHEET
SHEET 5 OF 8



LOG MI. 0.880 TO 1.091 (26' WIDE)
LOG MI. 1.360 TO 1.696 (24' WIDE)
LOG MI. 1.956 TO 2.160 (26' WIDE)

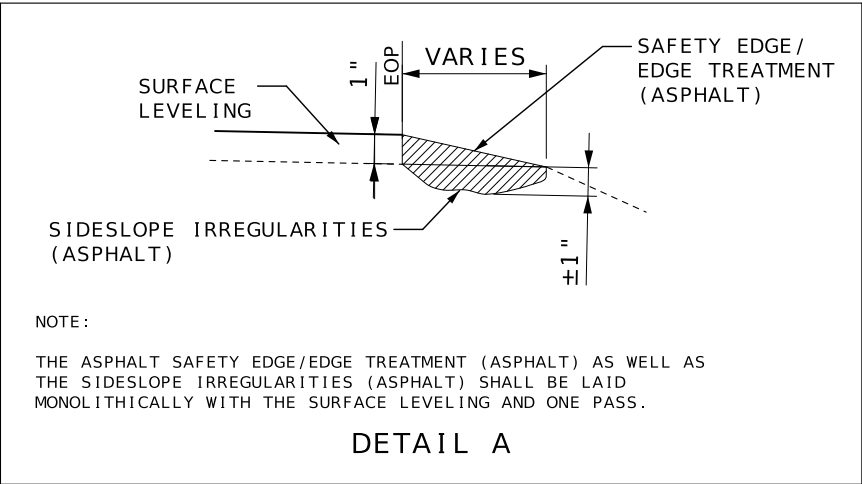


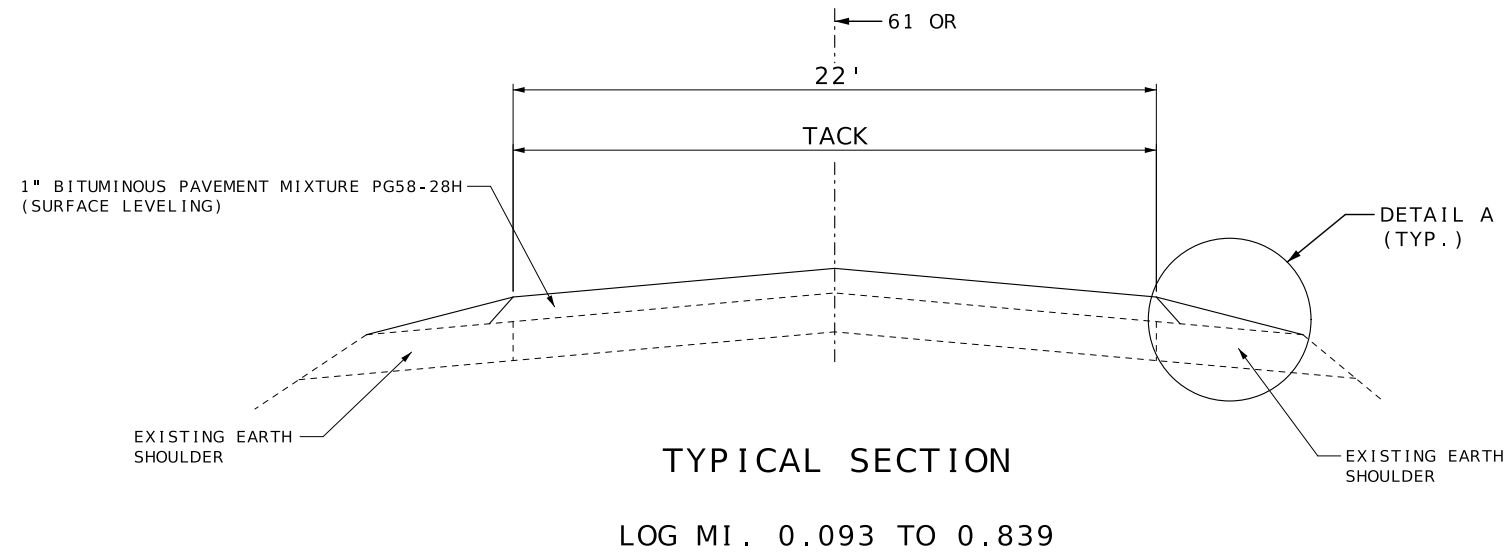
LOG MI. 1.696 TO 1.956 (24' WIDE)
LOG MI. 2.160 TO 2.281 (26' WIDE)
LOG MI. 2.281 TO 2.339 (VARIES)



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

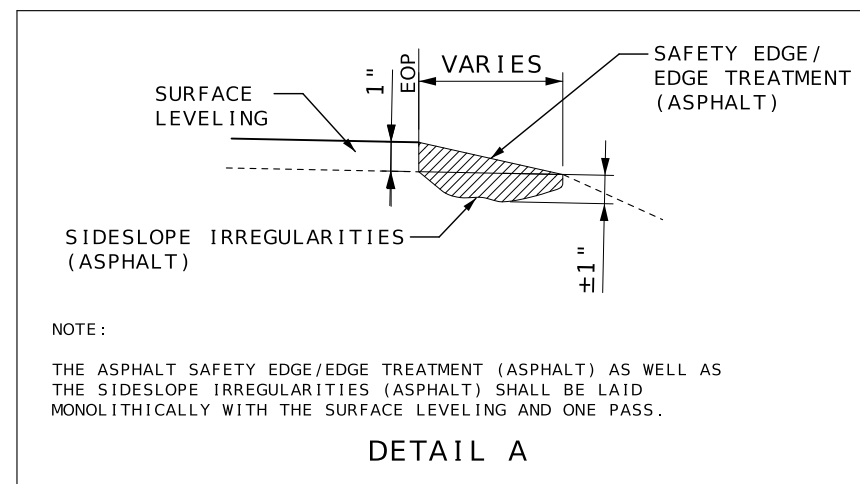
SECTION 6



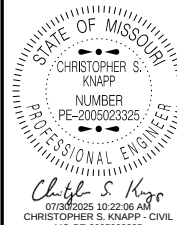


NOTE: SURFACE LEVELING PLACEMENT
SHALL BE ONE PASS PER LANE.
NO S.E. CORRECTION.

SECTION 7



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
7/30/2025

ROUTE STATE
61 OR MO

DISTRICT SHEET NO.
NE 2

COUNTY
LINCOLN

JOB NO.
JNE0096

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

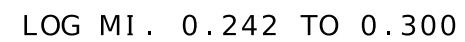
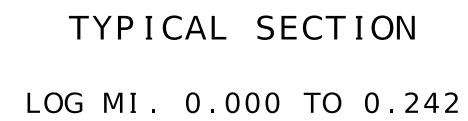
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

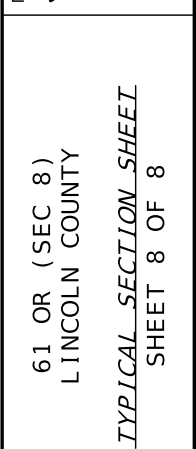
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

61 OR (SEC 7)
LINCOLN COUNTY

TYPICAL SECTION SHEET
SHEET 7 OF 8



SECTION 8



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
SEC 1									
0.570	1.322	3970.56	1.00	24	10588	572.9	847	-	
BEG	END								
0.570	1.322	3970.56	-	-	-	47.7	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.570	1.322	3970.56	-	-	-	112.8	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						733.4	847	0	
SUBTOTAL						3.5	-	7	PAVED ENTRANCES
TOTAL						736.9	854		

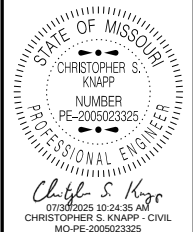
MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.570	0.579	50.00	1.00	24	133	SEC 1 BEG
1.313	1.322	50.00	1.00	24	133	SEC 1 END
SUBTOTAL					266	
SUBTOTAL					64	PAVED ENTRANCES
TOTAL					330	

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MILE	LOG MILE	LENGTH (FT)	AGGREGATE SHOULDER WEDGE WIDTH (FT)	AREA (SY)	THICKNESS 3" WEDGE (IN)	TYPE 1 AGGR. 0.058 TONS/SY/IN (TONS)	REMARKS
0.570	1.322	3970.56	4	1764.7	4"-0"	135.0	SEC 1 RIGHT
0.570	1.322	3970.56	4	1764.7	4"-0"	135.0	SEC 1 LEFT
TOTAL						270	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.759	RT	64.4	3.5	7	64	SEC 1 CONCRETE (116')
SUBTOTAL			3.5	7	64	

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
0.570	1.322	19	2.0	38.0	PRIVATE AND FIELD ENTRANCES
0.570	1.322	5	4.0	20.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				58.0	

SECTION 1



DATE PREPARED
7/30/2025

ROUTE	STATE
61 OR	MO
DISTRICT	SHEET NO.
NE	3

COUNTY
LINCOLN

JOB NO.
JNE0096

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)

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	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	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGN TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:
ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

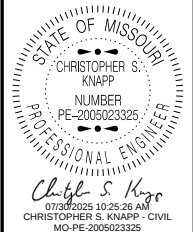
REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

PAVEMENT MARKINGS						
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT, TYPE P BEADS			REMARKS
			4" YELLOW SOLID/INTERMITTENT CENTERLINE (LF)	4" YELLOW DOUBLE SOLID CENTERLINE (LF)	4" WHITE SOLID EDGELINE (LF)	
0.570	0.728	SEC 1	-	1,668	-	DOUBLE SOLID
0.728	0.814	SEC 1	568	-	-	SBL INTERMITTENT AND NBL SOLID
0.814	0.900	SEC 1	-	908	-	DOUBLE SOLID
0.900	0.979	SEC 1	521	-	-	SBL SOLID AND NBL INTERMITTENT
0.979	1.322	SEC 2	-	3622	-	DOUBLE SOLID
0.570	1.322	SEC 1	-	-	7,941	EDGELINE
SUBTOTAL			1,089	6,198	7,941	
TOTAL			7,287		7,941	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY
GRAVEL , CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED

MOBILIZATION
1 LUMP SUM



DATE PREPARED 7/30/2025	
ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY LINCOLN	
JOB NO. JNE0096	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

1" 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
SEC 2									
0.000	0.721	3806.88	1.00	20	8460	457.8	677	-	
0.721	0.730	47.52	1.00	VAR.	522	28.2	42	0	WIDTH TRANSITION 60'
BEG	END								
0.000	0.730	3854.40	-	-	-	46.3	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.000	0.730	3854.40	-	-	-	109.5	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						641.8	719	0	
SUBTOTAL						7.2	-	14	PAVED ENTRANCES
TOTAL						649.0	733		

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT, TYPE P BEADS		REMARKS
			4" YELLOW SOLID/INTERMITTENT CENTERLINE (LF)	4" YELLOW DOUBLE SOLID CENTERLINE (LF)	
0.000	0.361	SEC 2	-	3812	DOUBLE SOLID
0.361	0.460	SEC 2	653	-	SBL INTERMITTENT & NBL SOLID
0.460	0.534	SEC 2	-	781	DOUBLE SOLID
0.534	0.618	SEC 2	554	-	SBL SOLID & NBL INTERMITTENT
0.618	0.730	SEC 2	-	1183	DOUBLE SOLID
SUBTOTAL			1,207	5,776	
TOTAL			6,983		

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	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	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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) WITH FLAGS
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SINGS TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100.00	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:

ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

MOBILIZATION
1 LUMP SUM

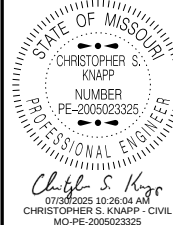
MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.009	50.00	1.00	20	111	SEC 2 BEG
0.721	0.730	50.00	1.00	VAR.	475	SEC 2 END
SUBTOTAL					586	
SUBTOTAL					134	PAVED ENTRANCES
TOTAL					720	

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	0.730	3	1.0	3.0	MAILBOX TURNOUTS	
0.000	0.730	6	2.0	12.0	PRIVATE AND FIELD ENTRANCES	
TOTAL				15.0		

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.340	RT	17.8	1.0	2	18	SEC 2 EMERY LN
0.440	RT	96.7	5.2	10	97	SEC 2 PENROD RD
0.620	RT	19.0	1.0	2	19	SEC 2 PRIVATE ENT
SUBTOTAL			7.2	14	134	

SECTION 2



DATE PREPARED
7/30/2025
ROUTE 61 OR
DISTRICT NE
STATE MO
SHEET NO. 3

COUNTY
L INCOLN
JOB NO.
JNE0096
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE					

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

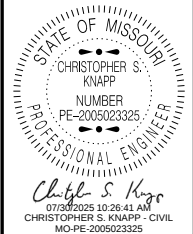
1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
SEC 3									
0.397	0.553	823.68	1.00	18	1647	89.1	132	-	
0.553	0.877	1710.72	1.00	25	4752	257.1	380	-	
BEG	END								
0.397	0.877	2534.40	-	-	-	30.5	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.397	0.877	2534.40	-	-	-	72.0	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						448.7	512	0	
SUBTOTAL						10.3	-	21	PAVED ENTRANCES
TOTAL						459.0	533		

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.397	0.406	50.00	1.00	18	100	SEC 3 BEG
0.868	0.877	50.00	1.00	25	139	SEC 3 END
SUBTOTAL					239	
SUBTOTAL					191	PAVED ENTRANCES
TOTAL					430	

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MILE	LOG MILE	LENGTH (FT)	AGGREGATE SHOULDER WEDGE WIDTH (FT)	AREA (SY)	THICKNESS 3" WEDGE (IN)	TYPE 1 AGGR. 0.058 TONS/SY/IN (TONS)	REMARKS
0.553	0.631	411.84	4	183.0	4"-0"	14.0	SEC 3 RIGHT
0.651	0.742	480.48	4	213.5	4"-0"	16.4	SEC 3 RIGHT
0.777	0.797	105.60	4	46.9	4"-0"	3.6	SEC 3 RIGHT
0.813	0.877	337.92	4	150.2	4"-0"	11.5	SEC 3 RIGHT
0.553	0.877	1710.72	4	760.3	4"-0"	58.3	SEC 3 LEFT
TOTAL						104	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.492	RT	58.0	3.1	6	58	SEC 3 CONCRETE ESTATES DR
0.641	RT	28.9	1.6	3	29	SEC 3 CONCRETE ROYAL OAK DR
0.744	RT	25.6	1.4	3	26	SEC 3 PRIVATE
0.765	RT	22.2	1.2	3	22	SEC 3 PRIVATE
0.809	RT	55.6	3.0	6	56	SEC 3 PRIVATE
SUBTOTAL			10.3	21	191	

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
0.397	0.877	3	2.0	6.0	PRIVATE AND FIELD ENTRANCES
TOTAL				6.0	



DATE PREPARED	
7/30/2025	
ROUTE	STATE
61 OR	MO
DISTRICT	SHEET NO.
NE	3
COUNTY	
LINCOLN	
JOB NO.	
JNE0096	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE						

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

1" 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
SEC 4								
0.000	0.287	1515.36	1.00	19	3199	173.1	256	
BEG	END							
0.000	0.287	1515.36	-	-	-	18.2	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.000	0.287	1515.36	-	-	-	43.1	-	IRREGULARITIES (150 TON/MI)
TOTAL						234.4	256	

PAVEMENT MARKINGS				
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT, TYPE P BEADS	REMARKS
			4" YELLOW DOUBLE SOLID CENTERLINE (LF)	
0.000	0.287	SEC 4	3,031	DOUBLE SOLID
TOTAL			3,031	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	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	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGN TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:
ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

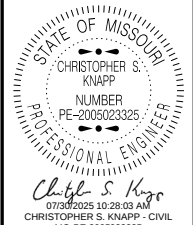
MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.009	50.00	1.00	19	106	SEC 4 BEG
0.278	0.287	50.00	1.00	19	106	SEC 4 END
TOTAL					212	

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	0.287	5	2.0	10.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				10.0	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED	

MOBILIZATION
1 LUMP SUM

SECTION 4



DATE PREPARED 7/30/2025	
ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY LINCOLN	
JOB NO. JNE0096	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE						

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

1" 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
SEC 5							-		
0.101	0.515	2185.92	1.00	22	5343	289.1	249.9	222.0	
BEG	END	-	-	-	-	-	-	-	
0.101	0.515	2185.92	-	-	-	26.3	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.101	0.515	2185.92	-	-	-	62.1	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						377.5	250	222	
SUBTOTAL						8.0	-	16	PAVED ENTRANCES
TOTAL						385.5	488		

PAVEMENT MARKINGS				
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	REMARKS
			4" YELLOW DOUBLE SOLID CENTERLINE (LF)	
0.101	0.515	SEC 5	4,372	DOUBLE SOLID
TOTAL			4,372	

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
0.361	0.515	813.12	1.00	22	1988	SECTION 5 MILL AND FILL
TOTAL					1,988	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	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	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGN TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:
ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATION PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

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
0.101	0.515	2	2.0	4.0	PRIVATE AND FIELD ENTRANCES
TOTAL				4.0	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.101	0.110	50.00	1.00	22	122	SEC 5 BEG
0.352	0.361	50.00	1.00	22	122	SEC 5 BEG OF MILL AND FILL
SUBTOTAL					244	
SUBTOTAL					149	PAVED ENTRANCES
TOTAL					393	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED	

MOBILIZATION
1 LUMP SUM

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.147	LT	38.9	2.1	4	39	SEC 5 CAR DEALERSHIP
0.167	LT	38.9	2.1	4	39	SEC 5 CAR DEALERSHIP
0.247	LT	71.1	3.8	8	71	SEC 5 CONCRETE PRIVATE
SUBTOTAL			8.0	16	149	

SECTION 5

STATE OF MISSOURI

CHRISTOPHER S. KNAPP

NUMBER

PE-2005023325

PROFESSIONAL ENGINEER

07/30/2025 10:28:36 AM

CHRISTOPHER S. KNAPP - CIVIL

MO-PE-2005023325

DATE PREPARED

7/30/2025

ROUTE

61

DISTRICT

NE

STATE

MO

SHEET NO.

3

COUNTY

LINCOLN

JOB NO.

JNE0096

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)

61 OR (SEC 5)

LINCOLN COUNTY

SUMMARY OF QUANTITIES SHEET

SHEET 7 OF 12

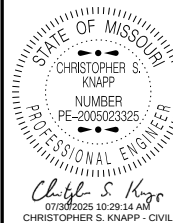
1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
SEC 6									
0.880	1.091	1114.08	1.00	26	3218	174.1	257	-	
1.091	1.360	1420.32	1.00	28	4419	239.1	-	442	MILL AND FILL WITH BARRIER CURB ON WEST SIDE
1.360	1.696	1774.08	1.00	24	4731	256.0	378	-	-
1.696	1.956	1372.80	1.00	24	3661	198.1	-	366	MILL AND FILL WITH CURB ON EAST SIDE
1.956	2.160	1077.12	1.00	26	3112	168.4	249	-	
2.160	2.281	638.88	1.00	26	1846	99.9		185	MILL AND FILL THROUGH CONCRETE ENTRANCES
2.281	2.339	306.24	1.00	VAR.	2662	144.0	-	266	MILL AND FILL WIDTH TRANSITION WITH SHOULDERS
BEG	END								
0.880	2.339	7703.52	-	-	-	92.6	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.880	2.339	7703.52	-	-	-	218.9	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						1,591.1	884	1,259	
SUBTOTAL						19.2	-	40	PAVED ENTRANCES
TOTAL						1,610.3	2,183		

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
1.091	1.360	1420.32	1.00	24	3788	SEC 6 PAST BARRIER CURB
1.696	1.956	1372.80	1.00	24	3661	SEC 6 THROUGH CURB AND GUTTER SECTION
2.160	2.281	638.88	1.00	26	1846	SEC 6 THROUGH CONCRETE ENTRANCES
2.281	2.339	306.24	1.00	VAR.	2662	SEC 6 WIDTH TRANSITION
TOTAL					11,957	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.880	0.889	50.00	1.00	26	144	SEC 6 BEG
1.082	1.091	50.00	1.00	24	133	SEC 6 BEG BARRIER CURB MILL AND FILL
1.360	1.369	50.00	1.00	24	133	SEC 6 END BARRIER CURB MILL AND FILL
1.687	1.696	50.00	1.00	24	133	SEC 6 BEG CURB AND GUTTER MILL AND FILL
1.956	1.965	50.00	1.00	24	133	SEC 6 END CURB AND GUTTER MILL AND FILL
2.151	2.160	50.00	1.00	26	144	SEC 6 BEG END MILL AND FILL
SUBTOTAL					820	
SUBTOTAL					356	PAVED ENTRANCES
TOTAL					1,176	

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
0.880	2.339	2	1.0	2.0	MAILBOX TURNOUTS
0.880	2.339	2	2.0	4.0	PRIVATE AND FIELD ENTRANCES
TOTAL				6.0	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.890	LT	66.7	3.6	7	67	SEC 6 BUENEMAN LN
1.010	LT	53.9	2.9	6	54	SEC 6 PRIVATE MOUNTAINTOP MOTOR COMPANY
1.440	LT	37.2	2.0	4	37	SEC 6 PRIVATE HALL TRAILER SALES
1.458	LT	44.4	2.4	5	44	SEC 6 CONCRETE PROGRESS CT
1.540	LT	33.3	1.8	4	33	SEC 6 FORD DEALERSHIP
1.600	LT	43.3	2.3	5	43	SEC 6 SYDENSTRICKER NOBBLE PARTNERS
1.660	LT	43.3	2.3	5	43	SEC 6 SYDENSTRICKER NOBBLE PARTNERS
1.970	LT	35.0	1.9	4	35	SEC 6 PRIVATE ENTRANCE NORTHRoad ACADEMY
SUBTOTAL			19.2	40	356	



DATE PREPARED
7/30/2025

ROUTE
61 OR

DISTRICT
NE

STATE
MO

SHEET NO.
3

COUNTY
LINCOLN

JOB NO.
JNE0096

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)

SECTION 6

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
SEC 7									
0.093	0.830	3891.36	1.00	22	9512	514.7	761	-	
0.830	0.839	47.52	1.00	VAR.	347	18.8	28	-	WIDTH TRANSITION 60'
BEG	END								
0.093	0.839	3938.88	-	-	-	47.4	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.093	0.839	3938.88	-	-	-	111.9	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						692.8	789	0	
SUBTOTAL						4.2	-	8	PAVED ENTRANCES
TOTAL						697.0	797		

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.093	0.102	50.00	1.00	22	122	SEC 7 BEG
0.830	0.839	50.00	1.00	VAR.	347	SEC 7 END
SUBTOTAL					469	
SUBTOTAL					78	PAVED ENTRANCES
TOTAL					547	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.117	RT	27.8	1.5	3	28	SEC 7 PRIVATE CONCRETE
0.196	RT	30.0	1.6	3	30	SEC 7 PRIVATE CONCRETE
0.817	RT	20.0	1.1	2	20	SEC 7 PRIVATE CONCRETE
SUBTOTAL			4.2	8	78	

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
0.093	0.839	8	2.0	16.0	PRIVATE AND FIELD ENTRANCES
TOTAL				16.0	

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT, TYPE P BEADS 4" YELLOW DOUBLE SOLID CENTERLINE (LF)	REMARKS	
0.093	0.839	SEC 7	7,878	DOUBLE SOLID	
SUBTOTAL			7,878		
TOTAL			7,878		

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

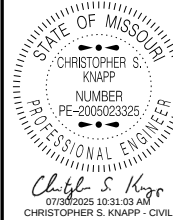
CONSTRUCTION SIGNS USE						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGN TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:

ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.



DATE PREPARED
7/30/2025

ROUTE 61	OR	STATE MO
DISTRICT NE		SHEET NO. 3

COUNTY
LINCOLN

JOB NO.
JNE0096

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)

SECTION 7

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
SEC 8									
0.000	0.291	1536.48	1.00	20	3414	185.0	245	36	
0.291	0.300	50.00	1.00	VAR.	194	10.5	16	-	WIDTH TRANSITION 40'
BEG	END								
0.000	0.300	1584.00	-	-	-	19.0	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.000	0.300	1584.00	-	-	-	45.0	-	-	IRREGULARITIES (150 TON/MI)
SUBTOTAL						214.5	261	36	
SUBTOTAL						0.7	-	2	PAVED ENTRANCES
TOTAL						215.2	299		

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	0.300	3	2.0	6.0	PRIVATE AND FIELD ENTRANCES
0.000	0.300	1	4.0	4.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.000	0.300	1	4.0	4.0	BEG./END SECTION INTO ROCK
TOTAL				14.0	

MOBILIZATION
1 LUMP SUM

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.114	RT	12.8	0.7	2	13	SEC 8 PRIVATE
SUBTOTAL			0.7	2	13.0	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY (EACH)	TOTAL AREA (SQ.FT.)	DESCRIPTION
2	W020-1	48 X 48	16.00	2	32.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	2	32.00	FLAGGER (SYMBOL)
35	W08-12	48 X 48	16.00	2	32.00	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	2	32.00	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 - 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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	18 X 12	1.50	0	0.00	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)
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGN TOTAL					238.26	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS (TRIM-LINE)					100	FOR INFORMATIONAL PURPOSES ONLY

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

NOTES:
ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01.
MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.
FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.

REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.233	0.242	50.00	1.00	20	111	SEC 8
SUBTOTAL					111	
SUBTOTAL					13	PAVED ENTRANCES
TOTAL					124	

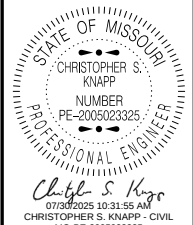
COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
0.242	0.291	260	1.00	20	575	
0.291	0.300	50.00	1.00	VARIES	194	
TOTAL					769	

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY	
TACK COAT (EXISTING SURFACE) = 0.08 GALLON / SY	
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	
TYPE 1 AGGR. FOR AGGR. EDGE TREATMENT = 0.058 TONS/SY/INCH COMPACTED	

PAVEMENT MARKINGS				
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT, TYPE P BEADS	REMARKS
			4" YELLOW DOUBLE SOLID CENTERLINE (LF)	
			0.0000.300SEC 83168	
TOTAL			3,168	DOUBLE SOLID

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

SECTION 8



DATE PREPARED
7/30/2025

ROUTE 61 OR MO
DISTRICT NE SHEET NO. 3

COUNTY LINCOLN
JOB NO. JNE0096
CONTRACT ID.

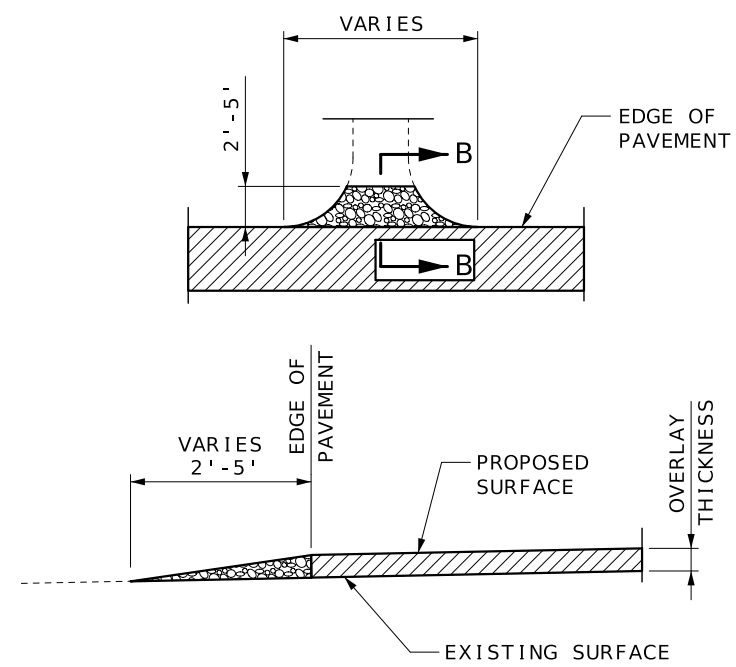
PROJECT NO.

BRIDGE NO.

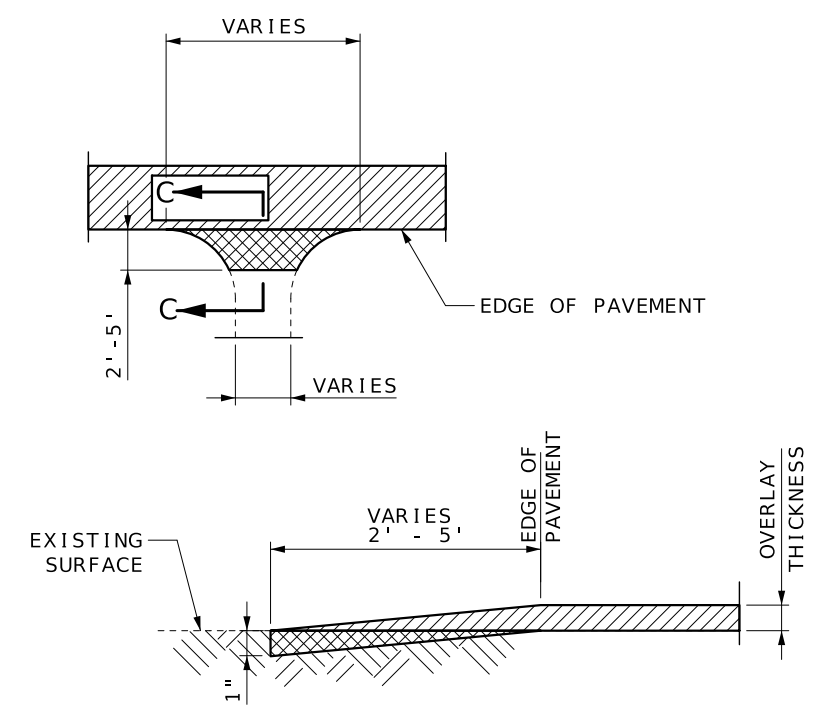
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



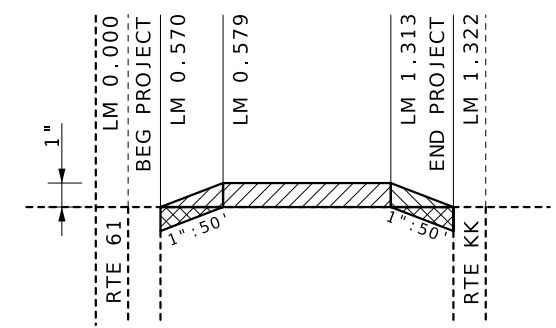
SECTION B-B
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



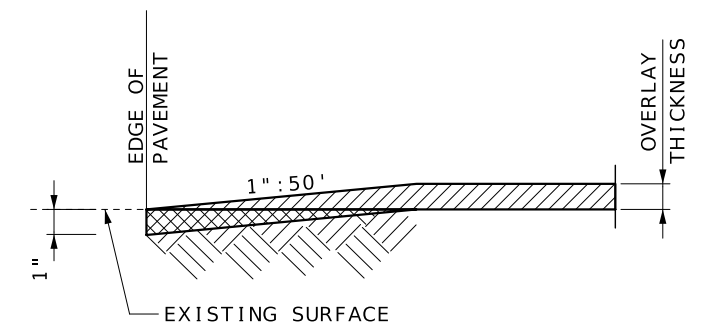
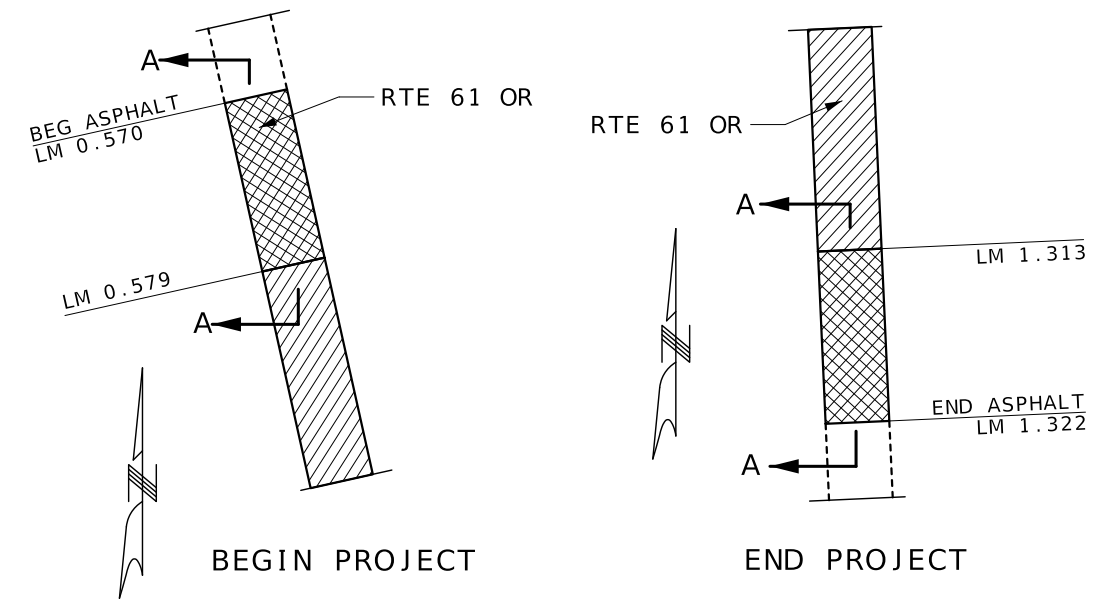
SECTION C-C
TYPICAL ASPHALT/CONCRETE ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

LEGEND

	GRAVEL OR CRUSHED STONE
	OVERLAY
	MODIFIED COLDMILLING



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS

SECTION 1

DATE PREPARED
7/30/2025

ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 4

COUNTY
LINCOLN

JOB NO.
JNE0096

CONTRACT ID.

PROJECT NO.

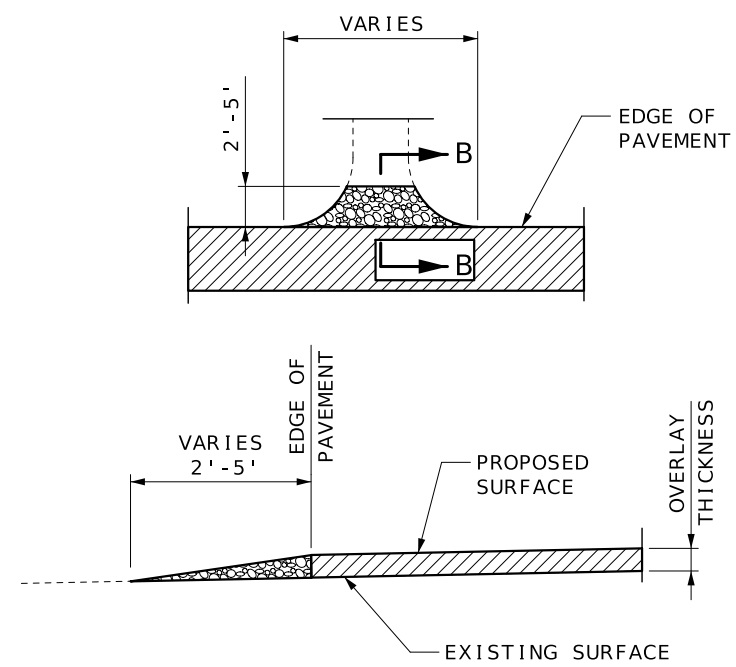
BRIDGE NO.

DATE	DESCRIPTION

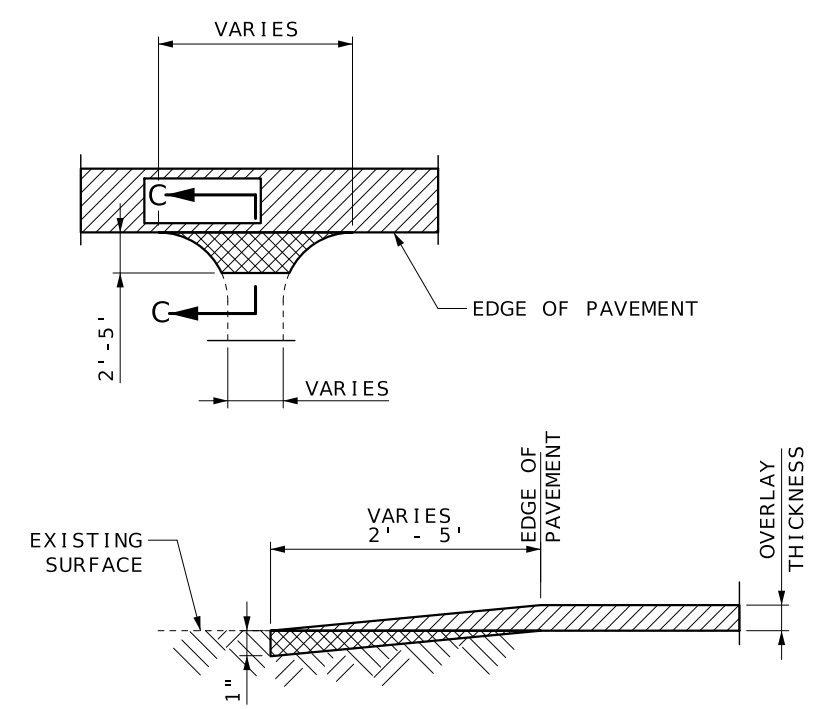
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

61 OR (SEC 1)
LINCOLN COUNTY
SPECIAL SHEET
SHEET 1 OF 8
NOT TO SCALE



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



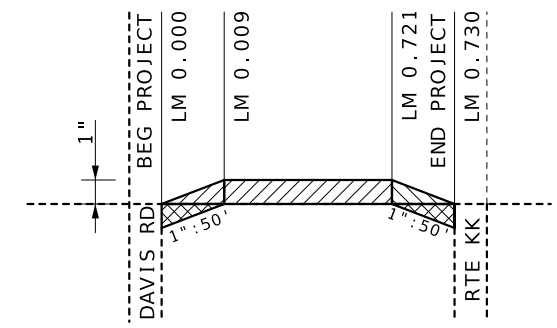
SECTION C-C
TYPICAL ASPHALT/CONCRETE ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

LEGEND

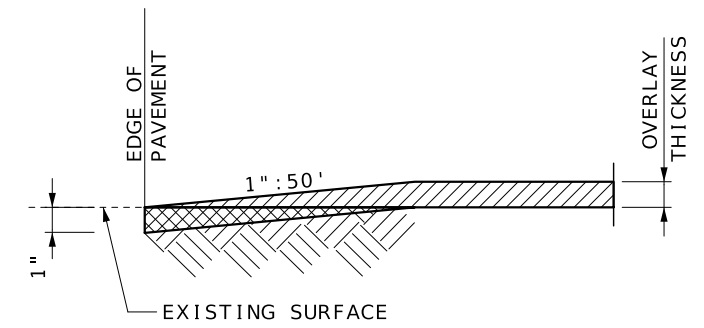
GRAVEL OR CRUSHED STONE

OVERLAY

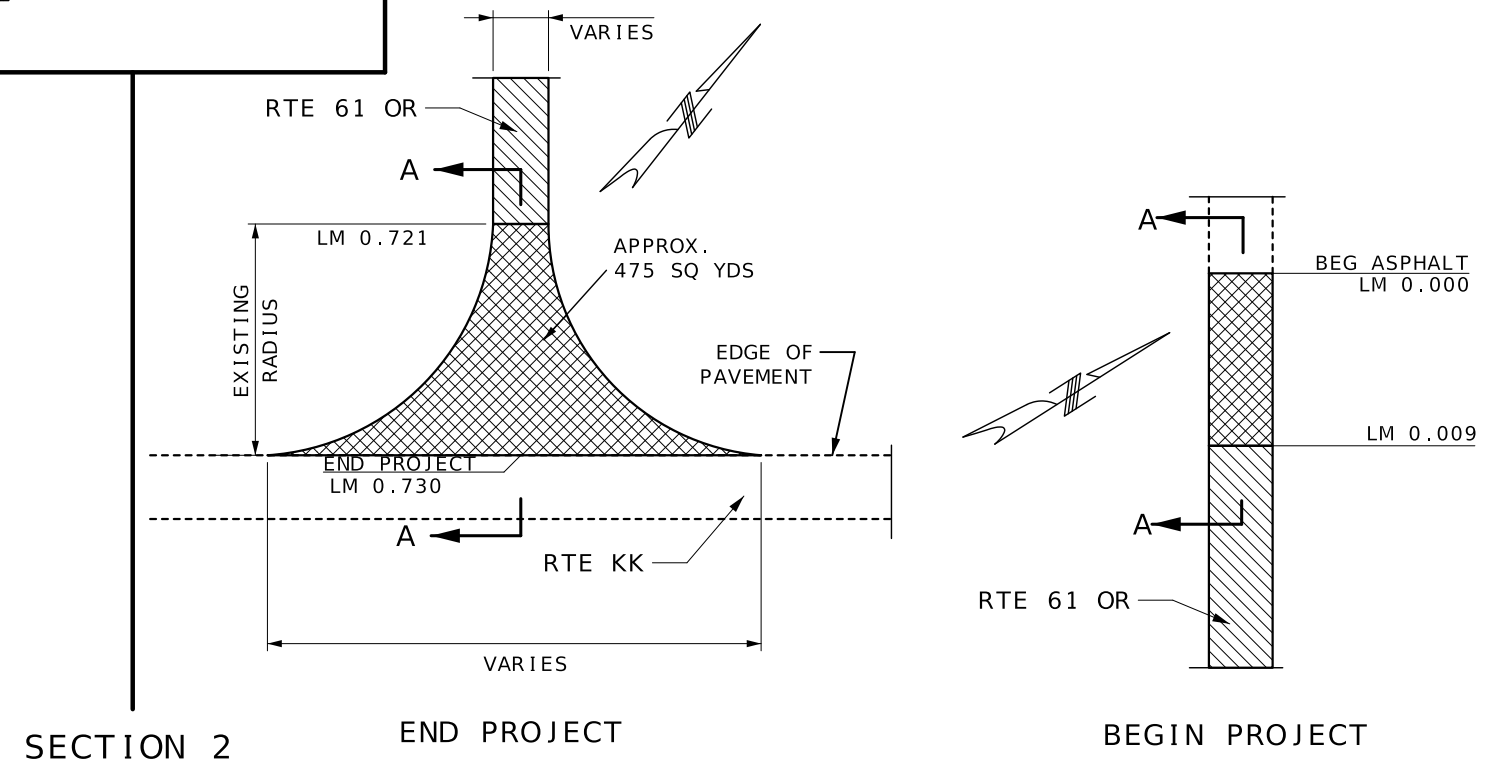
MODIFIED COLDMILLING



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS



SECTION 2

END PROJECT

BEGIN PROJECT

DATE PREPARED
7/30/2025

ROUTE 61 OR	STATE MO
DISTRICT NE	SHEET NO. 5

COUNTY
LINCOLN

JOB NO.
JNE0096

CONTRACT ID.

PROJECT NO.

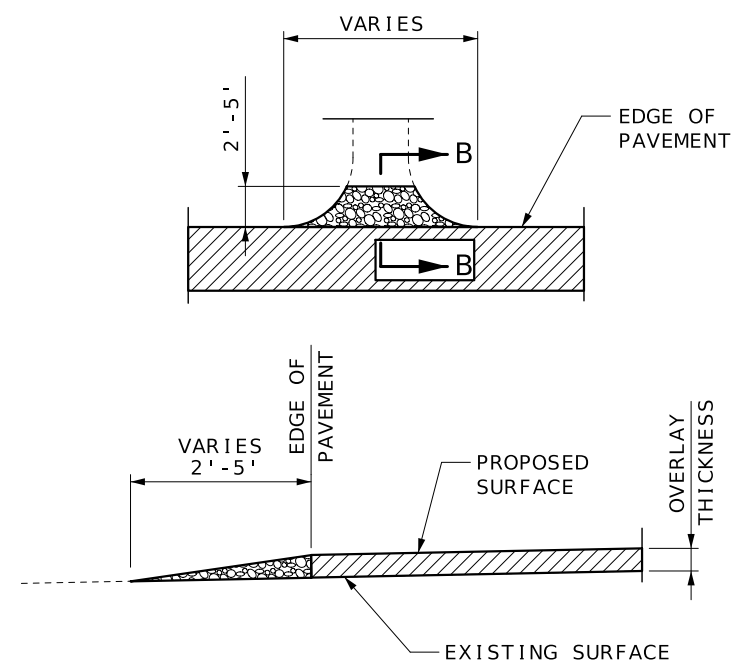
BRIDGE NO.

DATE	DESCRIPTION

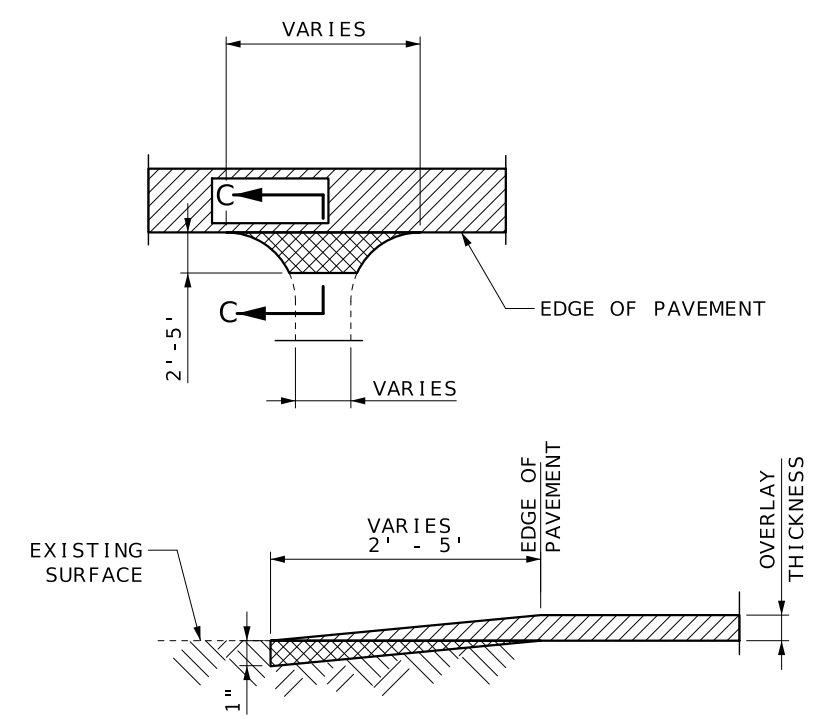
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

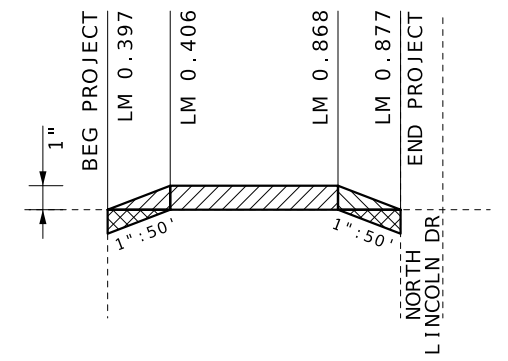
61 OR (SEC 2)
LINCOLN COUNTY
SPECIAL SHEET
SHEET 2 OR 8
NOT TO SCALE



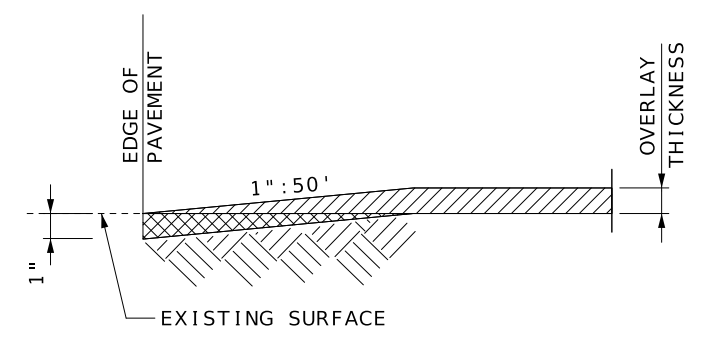
SECTION B-B
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



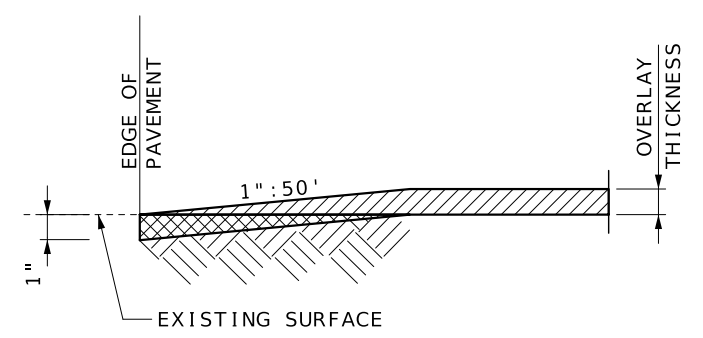
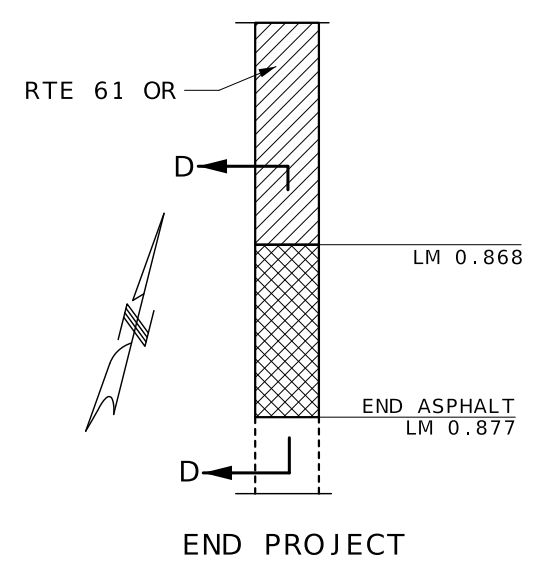
SECTION C-C
TYPICAL ASPHALT/CONCRETE ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



SECTION A-A
TRAVELWAY DEPTH TRANSITIONS

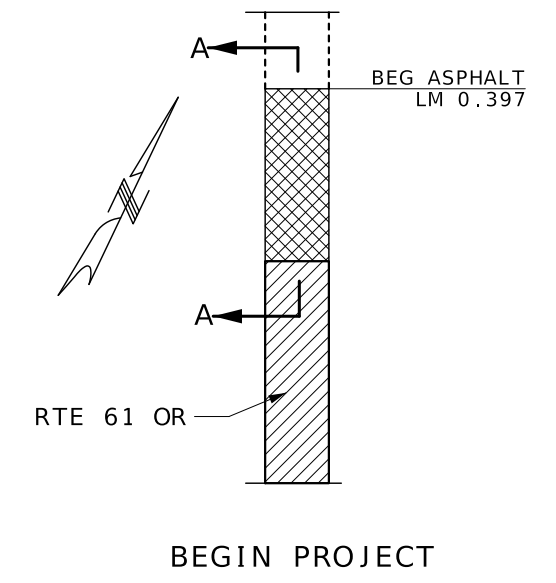


SECTION D-D
TRAVELWAY DEPTH TRANSITIONS

SECTION 3

LEGEND

- GRAVEL OR CRUSHED STONE
- OVERLAY
- MODIFIED COLDMILLING



BEGIN PROJECT

STATE OF MISSOURI

CHRISTOPHER S. KNAPP

NUMBER

PE-2005023325

PROFESSIONAL ENGINEER

07/30/2025 10:36:45 AM

CHRISTOPHER S. KNAPP - CIVIL

MO-PE-2005023325

DATE PREPARED

7/30/2025

ROUTE

61 OR

STATE

MO

DISTRICT

NE

SHEET NO.

6

COUNTY

LINCOLN

JOB NO.

JNE0096

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)

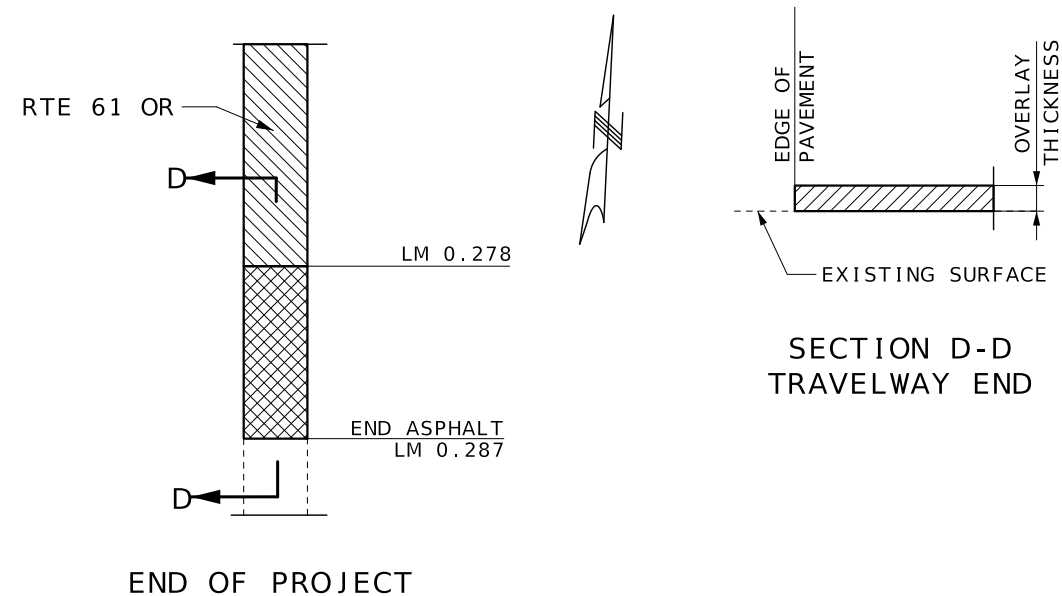
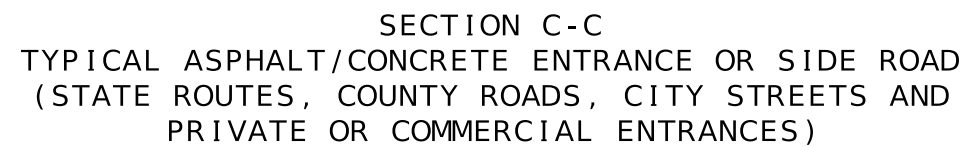
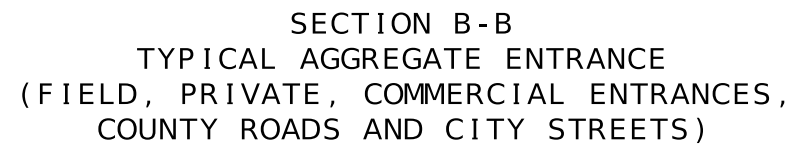
61 OR (SEC 3)

LINCOLN COUNTY

SPECIAL SHEET

SHEET 3 OF 8

NOT TO SCALE

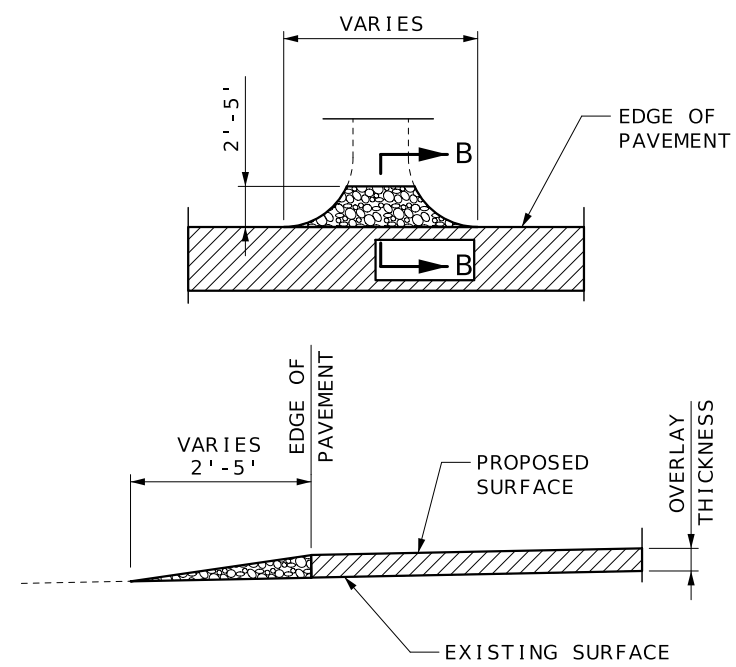


61 OR (SEC 4)
LINCOLN COUNTY

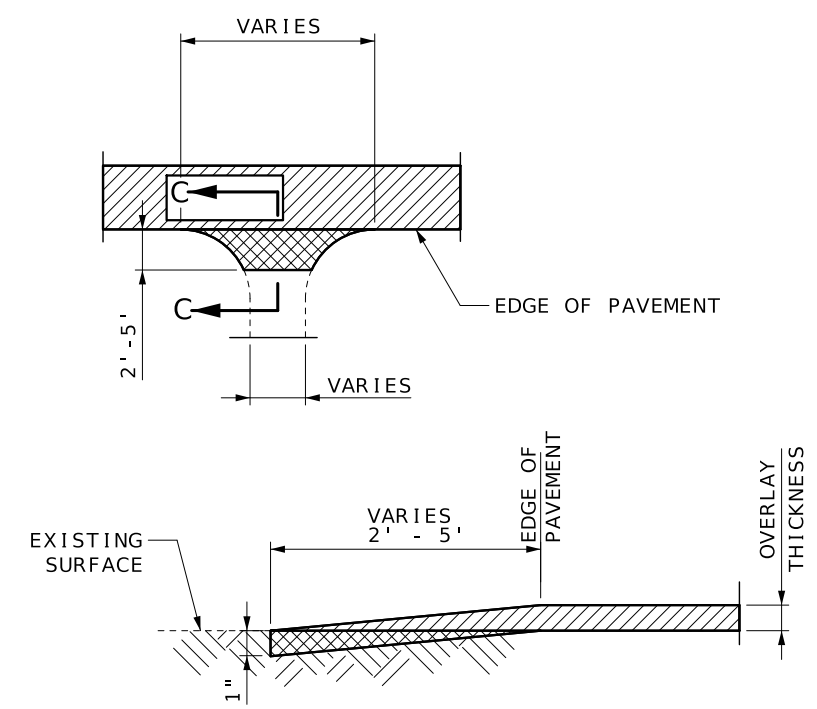
SPECIAL SHEET
SHEET 4 OF 8
NOT TO SCALE

61 OR (SEC 4)
LINCOLN COUNTY

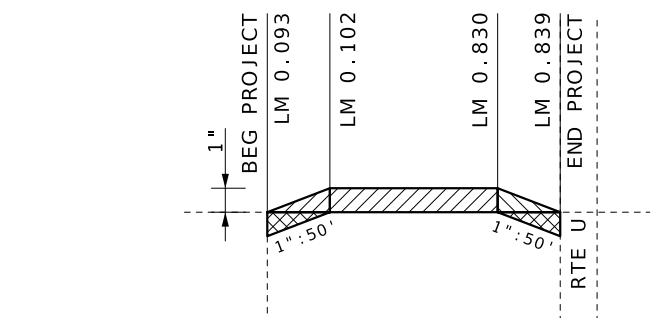
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SHEET 4 OF 8
NOT TO SCALE



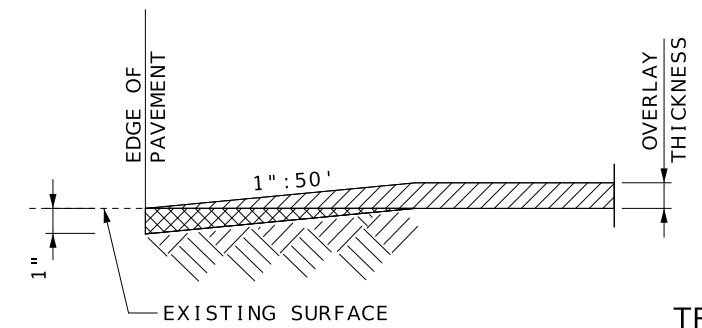
SECTION B-B
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)



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



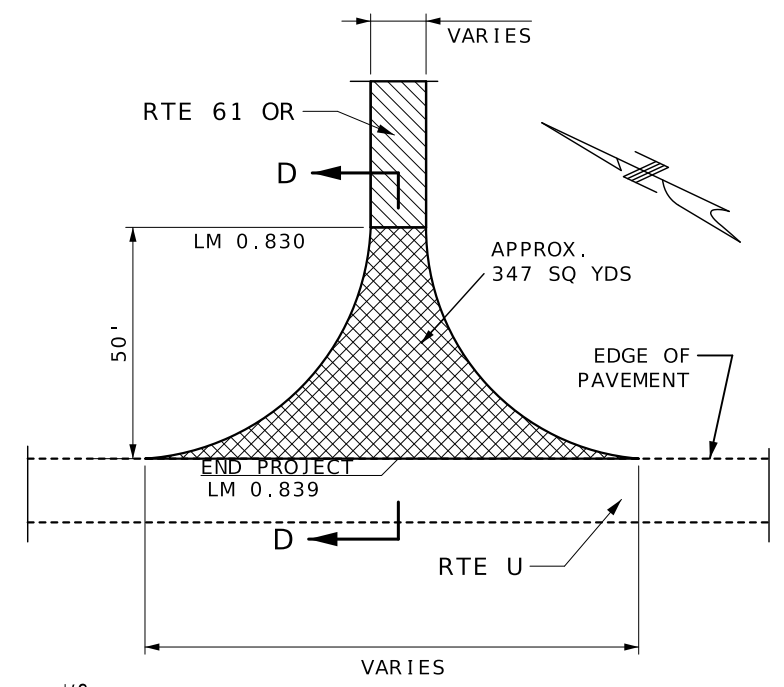
LONGITUDINAL TRAVELWAY DEPTH TRANSITION



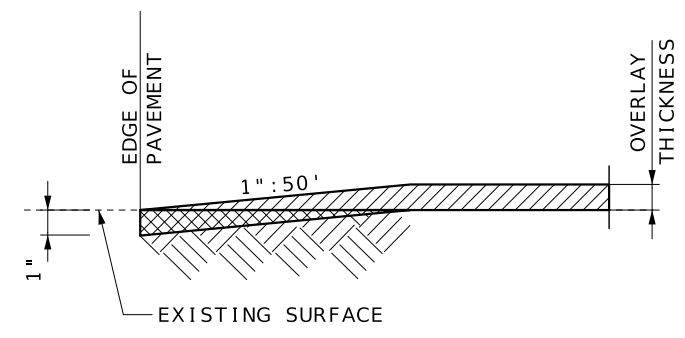
SECTION A-A
TRAVELWAY DEPTH TRANSITIONS

LEGEND

- GRAVEL OR CRUSHED STONE
- OVERLAY
- MODIFIED COLDMILLING



END OF PROJECT



SECTION D-D
TRAVELWAY DEPTH TRANSITIONS

SECTION 7

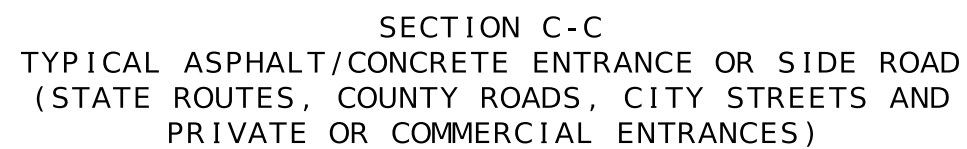
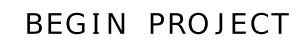
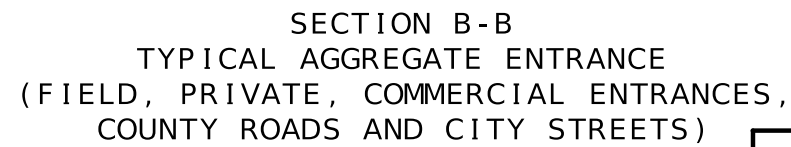
STATE OF MISSOURI
CHRISTOPHER S. KNAPP
NUMBER PE-2005023325
PROFESSIONAL ENGINEER
DATE PREPARED 7/30/2025
ROUTE 61 OR MO
DISTRICT NE SHEET NO. 10
COUNTY LINCOLN
JOB NO. JNE0096
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

61 OR (SEC 7)
LINCOLN COUNTY
SPECIAL SHEET
SHEET 7 OF 8
NOT TO SCALE



STATE OF MISSOURI CHRISTOPHER S. KNAPP NUMBER PE-2005023325 PROFESSIONAL ENGINEER <i>Cheryl S. Knapp</i> 07/30/2025 10:39:53 AM CHRISTOPHER S. KNAPP - CIVIL MO-PE-2005023325		DATE PREPARED 7/30/2025	
ROUTE 61 OR		STATE MO	
DISTRICT NE		SHEET NO. 11	
COUNTY LINCOLN			
JOB NO. JNE0096			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
DESCRIPTION			
DATE			
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)			
61 OR (SEC 8) LINCOLN COUNTY <u>SPECIAL SHEET</u> SHEET 8 OF 8 NOT TO SCALE			