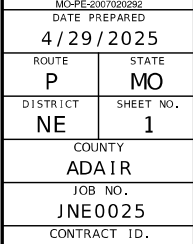


A.A.D.T. - 2025 = 3450
V = 35 M.P.H.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
ADAIR COUNTY



TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (1 SHEET)-----	3
SPECIAL SHEET (SS) (2 SHEETS)-----	4-5



PROJECT NO.
BRIDGE NO.

[illegible]

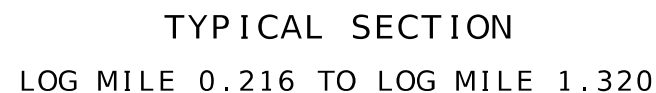
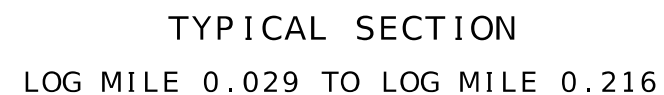
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

EQUATIONS AND EXCEPTIONS:	NONE
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TOTAL CORRECTIONS	0.000	MILES
NET LENGTH OF PROJECT	1.291	MILES
STATE LENGTH	1.291	MILES

TITLE SHEET



ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
MISC. HIGH TENSILE STRENGTH SYNTHETIC FIBER REINFORCED BITUMINOUS PAVEMENT (SURF. LEVEL) =	1.948 TON/CY
TACK COAT (EXISTING SURFACE) =	0.08 GAL/SY
TACK COAT (COLDMILLING SURFACE) =	0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT =	1.40 TONS / CY OF LOOSE AGG.

PAVED APPROACHES (STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES)						
LOG MILE	LOCATION	AREA (SY)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ.YD. (GAL)	COLDMILLING 3" THICK OR LESS (SY)	REMARKS
0.200	LT	35	1.9	4	35	PE
0.260	LT	45	2.4	5	45	NEW ST
0.270	RT	30	1.6	3	30	NEW ST
0.300	LT	81	4.4	9	81	OAK LN
0.340	LT	56	3.0	6	56	CEDAR LN
0.340	RT	25	1.4	3	25	3 PE'S
0.390	LT	65	3.5	7	65	EAST ST
0.390	RT	40	2.2	4	40	EAST ST
0.440	RT	40	2.2	4	40	E NORTHTOWN RD
0.522	LT	78	4.2	8	78	POPLAR LN
0.522	RT	13	0.7	2	13	PE
0.552	RT	13	0.7	2	13	PE
0.581	LT	20	1.1	2	20	CHERRY LN
0.581	RT	38	2.1	4	38	CHERRY LN
0.641	LT	15	0.8	2	15	PE
0.679	LT	170	9.2	17	170	N LINCOLN ST
0.737	RT	12	0.6	2	12	PE
0.757	LT	150	8.1	15	150	WOODWIND CT
0.757	RT	12	0.6	2	12	PE
0.797	RT	65	3.5	7	65	YORK ST
0.867	RT	65	3.5	7	65	N JAMES ST
0.878	RT	12	0.6	2	12	PE
0.897	LT	12	0.6	2	12	PE
0.928	RT	70	3.8	7	70	SOMERSET DR
0.938	RT	69	3.7	7	69	PE
1.008	RT	17	0.9	2	17	PE
1.149	RT	40	2.2	4	40	PE
1.181	LT	15	0.8	2	15	PE
		SUBTOTAL	70.3	141.0	1303.0	
NOTE:SEE MAIN QUANTITY BOXES FOR TOTALS.						

MISC. HIGH TENSILE STRENGTH SYNTHETIC FIBER REINFORCED BITUMINOUS PAVEMENT (SURF. LEVELING) & TACK COAT

LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/SQ.YD. (GAL)	REMARKS
0.029	0.095	348.48	1.00	24	929	50.3	92.9	TRAVELWAY RESURFACING BEGIN PROJECT
0.095	0.216	638.88	1.00	34	2414	130.6	241.4	TRAVELWAY RESURFACING
0.216	1.320	5829.12	1.00	23	14897	806.1	1489.7	TRAVELWAY RESURFACING END PROJECT
0.036	1.320	6779.52	-	-	-	128.4	-	100 TONS PER MILE - SURFACE IRREGULARITIES
0.401	0.496	501.60	2.00	1	56	6.0	5.6	INSIDE CURVE WIDENING
0.632	0.731	522.72	2.00	1	58	6.3	5.8	INSIDE CURVE WIDENING
1.090	1.205	607.20	2.00	1	67	7.3	6.7	INSIDE CURVE WIDENING
SUBTOTAL						1,135.0	1,842.1	
SUBTOTAL						70.3	141.0	SUBTOTAL FROM PAVED APPROACHES
TOTAL						1,205.3	1,983	
NOTE: SEE JOB SPECIAL PROVISION.								

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS		REMARKS
			4" YELLOW CENTERLINE (LF)	4" WHITE EDGELINE (LF)	
0.029	1.320	RTE P	10,878.12	-	CENTER LINE PAVEMENT MARKING
0.029	1.320	RTE P	-	13,632.96	EDGELINE PAVEMENT MARKING
SUBTOTAL			10,878.12	13,632.96	
TOTAL			10,879	13,633	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING					

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	QUANTITY (SY)	REMARKS
0.029	0.095	348.48	1.00	24	929	BEGIN PROJECT
0.095	0.216	638.88	1.00	34	2414	
0.216	1.320	5829.12	1.00	23	14897	END PROJECT
SUBTOTAL					18240	
VAR.	VAR.				1303	SUBTOTAL FROM PAVED APPROACHES
TOTAL					19,543	

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 1.25 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	0	0.00	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	0	0.00	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 - 20 TOTAL						
2	W020-1	48 X 48	16.00	20	320.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	20	320.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	20	320.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	20	30.00	PILOT CAR IN USE WAIT & FOLLOW
TOTAL					1296.26	
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						

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

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

HIGH TENSILE STRENGTH FIBERS - FOR INFORMATION ONLY			
LOG MILE	LOG MILE	QUANTITY (TONS)	REMARKS
0.029	1.320	0.60	FIBERS ADDED TO THE BITUMINOUS PAVEMENT MIXTURE (1205.3 POUNDS)
		TOTAL	0.6
FACTOR: 1 POUND PER TON OF BITUMINOUS PAVEMENT MIXTURE. SEE JOB SPECIAL PROVISION.			

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	

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
VAR.	VAR.	6	2.5	15.0	PRIVATE AND FIELD ENTRANCES
VAR.	VAR.	18	4.5	81.0	MAILBOX TURNOUTS
TOTAL				96.0	

ADAIR P PAVEMENT MARKING LOG							
LOG MILE	LOG MILE	TYPE	NO PASSING DIRECTION	LENGTH MILES	CENTERLINE 4" YELLOW LIN. FT.	EDGELINE 4" WHITE LIN. FT.	REMARKS
0.029	1.320	SW	-	1.291	-	13632.96	EDGELINES
0.029	0.121	DSY	BOTH	0.092	971.52	-	DOUBLE SOLID YELLOW CENTERLINE
0.121	0.300	IY		0.179	236.28	-	INTERMITTENT YELLOW CENTERLINE
0.300	0.399	SYIY	EBL	0.099	653.40	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.399	0.718	DSY	BOTH	0.319	3368.64	-	DOUBLE SOLID YELLOW CENTERLINE
0.718	0.797	SYIY	WBL	0.079	521.40	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.797	0.818	DSY	-	0.021	221.76	-	DOUBLE SOLID YELLOW CENTERLINE
0.818	0.918	SYIY	EBL	0.100	660.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.918	1.320	DSY	-	0.402	4245.12	-	DOUBLE SOLID YELLOW CENTERLINE
FOR INFORMATION ONLY. FIELD VERIFY EXISTING PAVEMENT MARKING.							

STATE OF MISSOURI

KEITH ALLEN KILLEN

NUMBER

PE-2007020292

PROFESSIONAL ENGINEER

07/09/2025 2:51:11 PM

KEITH ALLEN KILLEN - CIVIL

MO-PE-2007020292

DATE PREPARED

7/9/2025

ROUTE

P

STATE

MO

DISTRICT

NE

SHEET NO.

3

COUNTY

ADAIR

JOB NO.

JNE0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

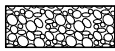
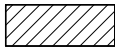
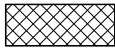
JEFFERSON CITY, MO 65102

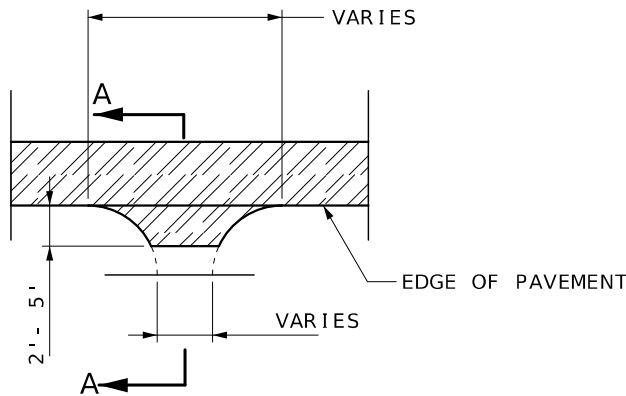
1-888-ASK-MODOT (1-888-275-6636)

QUANTITY SHEET

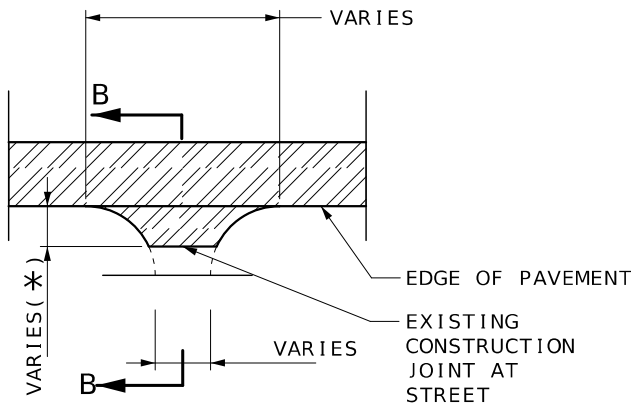
1 OF 1

LEGEND

-  GRAVEL OR CRUSHED STONE
-  OVERLAY
-  MODIFIED COLDMILLING AND OVERLAY
-  1" DEPTH COLDMILLING AND OVERLAY

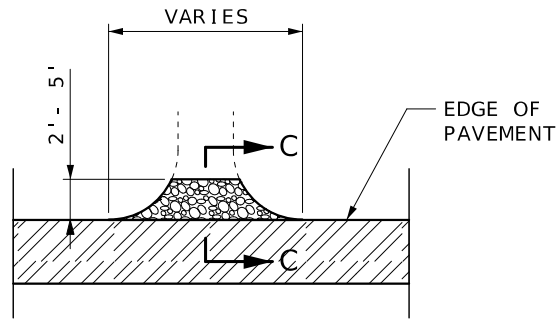


SECTION A-A
TYPICAL ASPHALT/CONCRETE
ENTRANCE OR SIDE ROAD
(COUNTY ROADS AND PRIVATE
OR COMMERCIAL ENTRANCES)

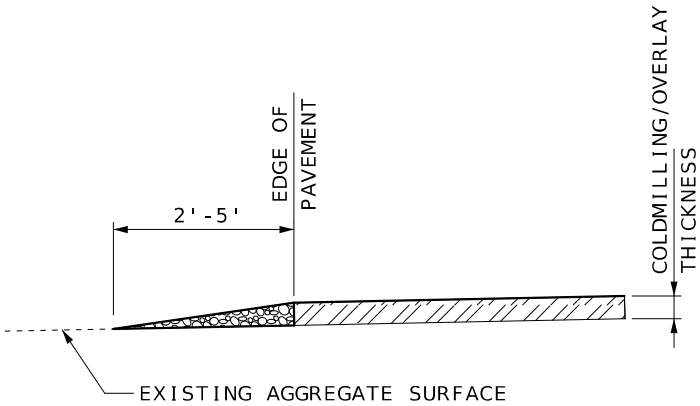


(*) VARIES - COLDMILL AND OVERLAY BACK TO
EXISTING CONCRETE STREET HEADER.

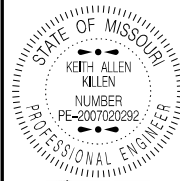
SECTION B-B
CONCRETE OR ASPHALT SIDE ROAD
(CITY STREETS)



NOTE:
WEDGE AGGREGATE ON EXISTING AGGREGATE APPROACHES



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



DATE PREPARED
4/29/2025

ROUTE
P

STATE
MO

DISTRICT
NE

SHEET NO.
4

COUNTY
ADAIR

JOB NO.
JNE0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

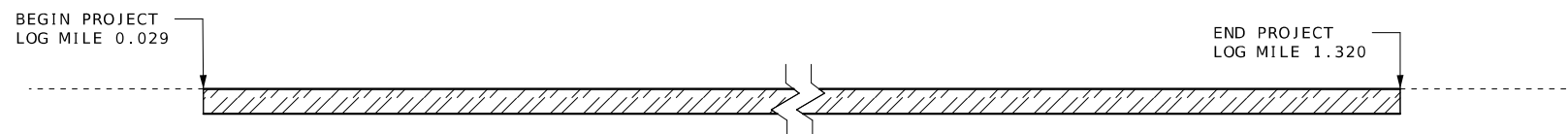
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

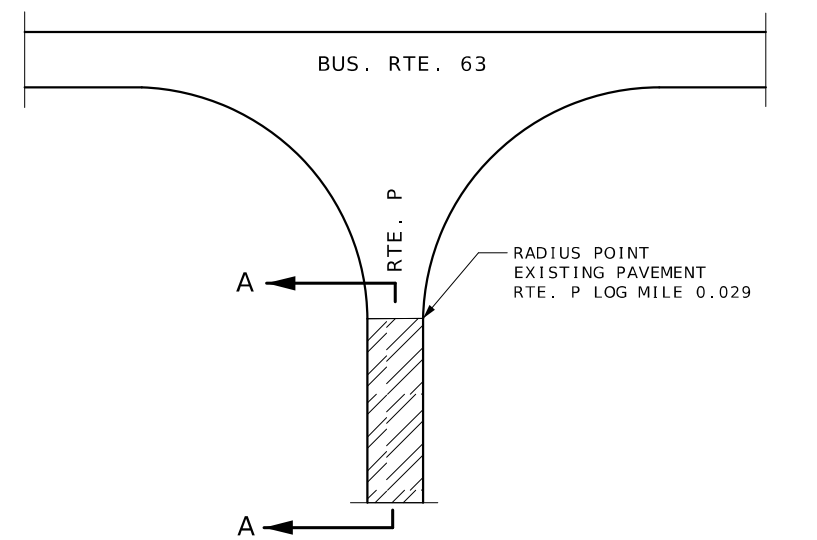
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APPROACHES
SPECIAL SHEET

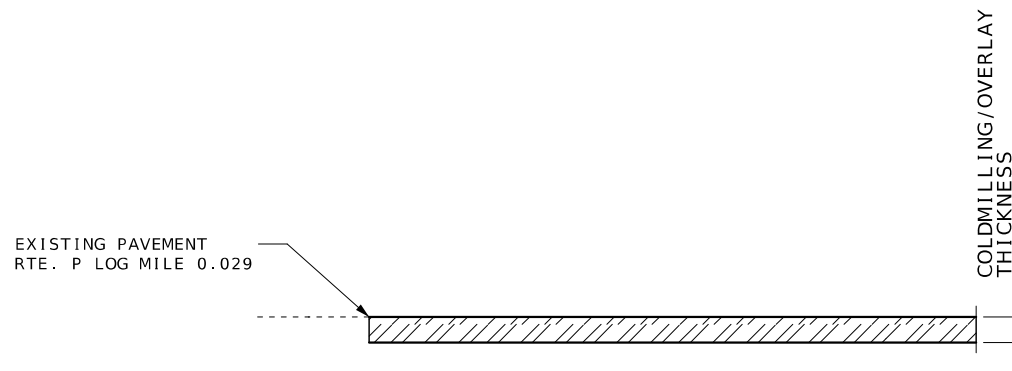
1 OF 2



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



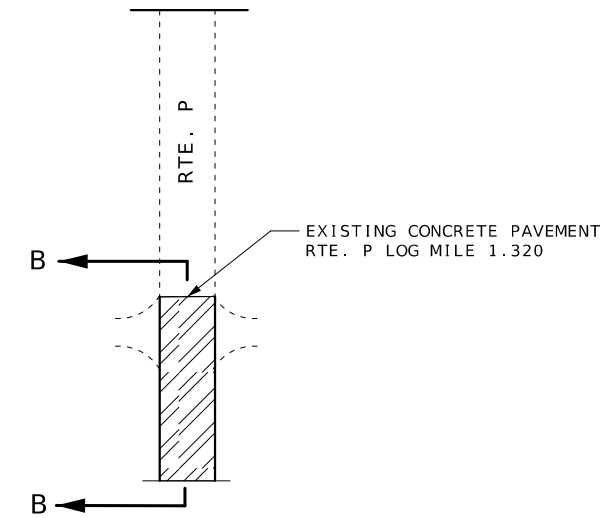
BEGINNING OF PROJECT



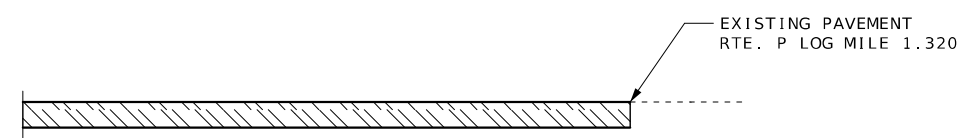
SECTION A-A
BEGINNING OF PROJECT

LEGEND

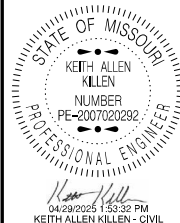
	OVERLAY
	MODIFIED COLDMILLING AND OVERLAY
	1" COLDMILLING AND OVERLAY



END OF PROJECT



SECTION B-B
END OF PROJECT



DATE PREPARED 4/29/2025	
ROUTE P	STATE MO
DISTRICT NE	SHEET NO. 5
COUNTY ADAIR	
JOB NO. JNE0025	
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)

DESIGN DESIGNATION

A.A.D.T. 2025 = 552
V = 55 M.P.H.

FUNTIONAL CLASSIFICATION = MAJOR COLLECTOR

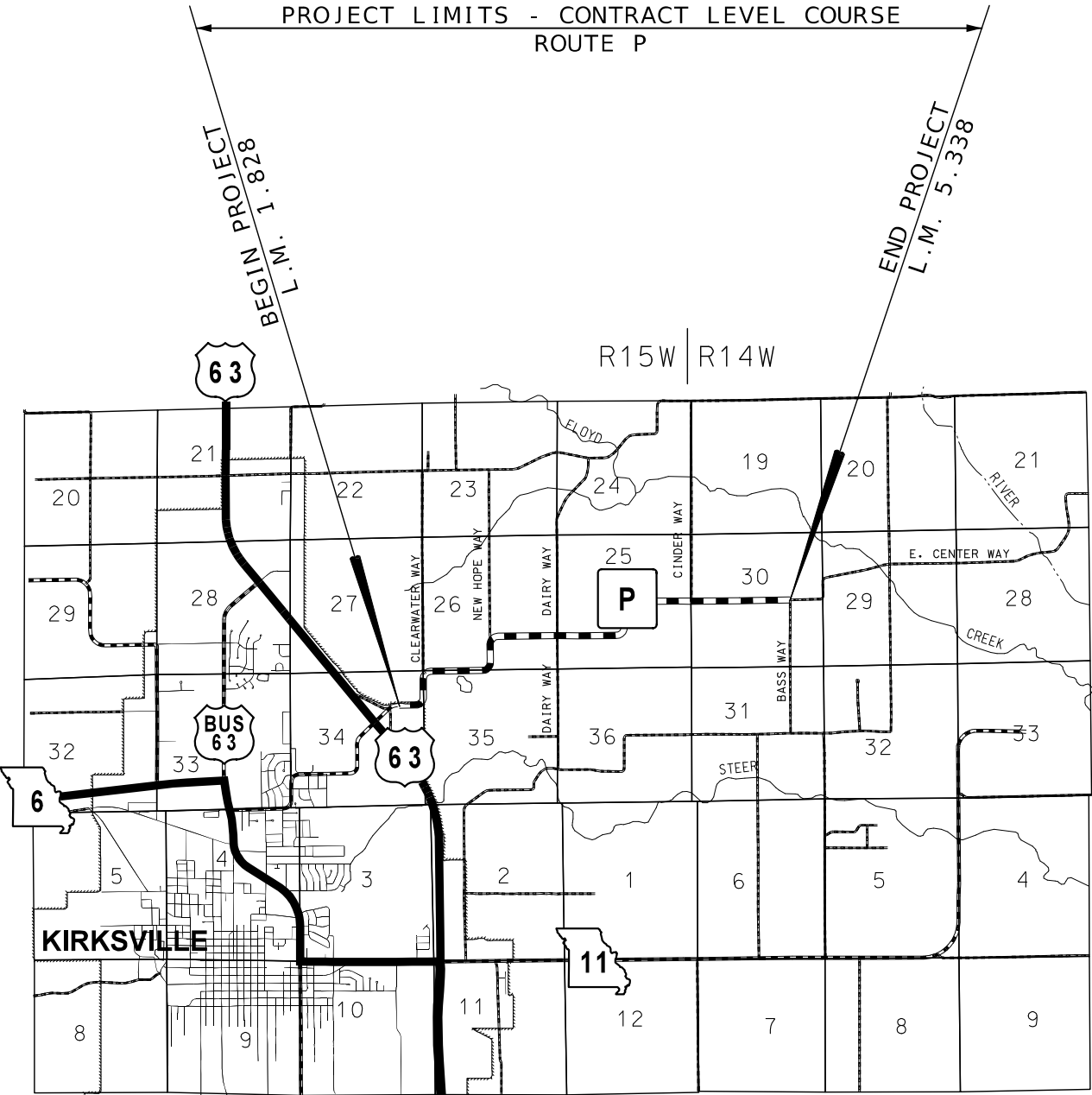
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
ADAIR COUNTY



NORTHEAST DISTRICT
ADAIR COUNTY



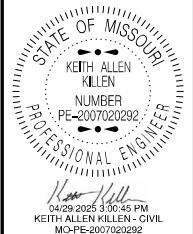
KEY MAP



SCALE IN MILES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (1 SHEET)-----	3
SPECIAL SHEETS (SS) (2 SHEETS)-----	4-5



DATE PREPARED 4/29/2025	
ROUTE P	STATE MO
DISTRICT NE	SHEET NO. 1
COUNTY ADAIR	
JOB NO. JNE0209	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE	1.828
END OF PROJECT	LOG MILE	5.338
APPARENT LENGTH		3.510 MILES
EQUATIONS AND EXCEPTIONS:		
N/A		

TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	3.510 MILES
STATE LENGTH	3.510 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TITLE SHEET

PAVED APPROACHES - STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ.YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
2.519	RT	15	0.81	2	15.0	CONCRETE P.E.
2.783	RT	15	0.81	2	15.0	ASPHALT P.E.
3.421	RT	15	0.81	2	15.0	ASPHALT P.E.
3.810	LT	15	0.81	2	15.0	CONCRETE P.E.
3.840	RT	15	0.81	2	15.0	CONCRETE P.E.
SUBTOTAL		4.1		10.0	75.0	

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
VAR.	VAR.	60	2.5	150.0	PRIVATE AND FIELD ENTRANCES
VAR.	VAR.	8	4.5	36.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				186.0	

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 3.5 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	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	4	64.00	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 - 8 TOTAL						
2	W020-1	48 X 48	16.00	8	128.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	8	128.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	8	128.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	8	12.00	PILOT CAR IN USE WAIT & FOLLOW
TOTAL					798.26	

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

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) AND TACK COAT									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT		REMARKS
							0.08 GAL/ SQ.YD. (GAL)	0.10 GAL/ SQ.YD. (GAL)	
1.828	1.838	50.00	1.00	21	117	6.3	-	11.7	TRAVELWAY RESURFACING BEGIN PROJECT
1.838	5.328	18427.20	1.00	21	42997	2326.6	3439.8	-	TRAVELWAY RESURFACING
5.328	5.338	50.00	1.00	21	117	6.3	-	11.7	TRAVELWAY RESURFACING END PROJECT
1.828	5.338	18532.80	-	-	-	445.7	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
1.828	5.338	18532.80	-	-	-	702.0	-	-	200 TONS PER MILE - SURFACE IRREGULARITIES
SUBTOTAL						3,486.9	3,439.8	23.4	
SUBTOTAL						4.1	-	10.0	PAVED ENTRANCES
TOTAL						3,491.0	3,473		
NOTE: TACK FACTOR - USE 0.08 GAL/SQ.YD. FOR OVERLAY AND 0.10 GAL/SQ.YD. FOR COLDMILLED SURFACES									

NOTE: TACK FACTOR - USE 0.08 GAL/SQ.YD. FOR OVERLAY AND 0.10 GAL/SQ.YD. FOR COLDMILLED SURFACES

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

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

MOBILIZATION
1 LUMP SUM

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

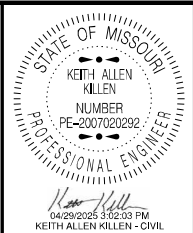
ADAIR P PAVEMENT MARKING LOG							
LOG MILE	LOG MILE	TYPE	NO PASSING DIRECTION	LENGTH MILES	CENTERLINE 4" YELLOW LIN. FT.	EDGE LINE 4" WHITE LIN. FT.	REMARKS
1.828	5.338	SW	-	3.510	-	37065.60	EDGE LINES
1.828	2.259	DSY	BOTH	0.431	4551.36	-	DOUBLE SOLID YELLOW CENTERLINE
2.259	2.379	SY1Y	-	0.120	792.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
2.379	3.220	DSY	EBL	0.841	8880.96	-	DOUBLE SOLID YELLOW CENTERLINE
3.220	3.280	SY1Y	-	0.060	396.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
3.280	3.421	SY1Y	WBL	0.141	930.60	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
3.421	4.560	DSY	-	1.139	12027.84	-	DOUBLE SOLID YELLOW CENTERLINE
4.560	4.620	SY1Y	EBL	0.060	396.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
4.620	4.889	SY1Y	EBL	0.269	1775.40	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
4.889	5.338	DSY	EBL	0.449	4741.44	-	DOUBLE SOLID YELLOW CENTERLINE

FOR INFORMATION ONLY, FIELD VERIFY EXISTING PAVEMENT MARKING.

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS		REMARKS
			4" YELLOW CENTERLINE (LF)	4" WHITE EDGE LINE (LF)	
1.828	5.338	RTE P	34,491.60	-	CENTER LINE PAVEMENT MARKING
1.828	5.338	RTE P	-	37,065.60	EDGE LINE PAVEMENT MARKING
SUBTOTAL			34,491.60	37,065.60	
TOTAL			34,492	37,066	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

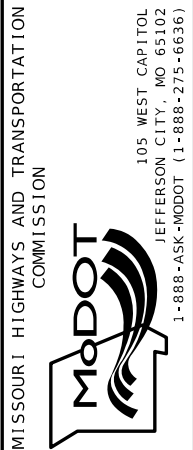
MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
1.828	1.838	50.00	1.00	21	117.0	BEGIN PROJECT DEPTH TRANSITION
5.328	5.338	50.00	1.00	21	117.0	END PROJECT DEPTH TRANSITION
				SUBTOTAL	234.0	
VAR.	VAR.	-	-	SUBTOTAL	75.0	SUBTOTAL FROM PAVED APPROACHES
TOTAL					309.0	

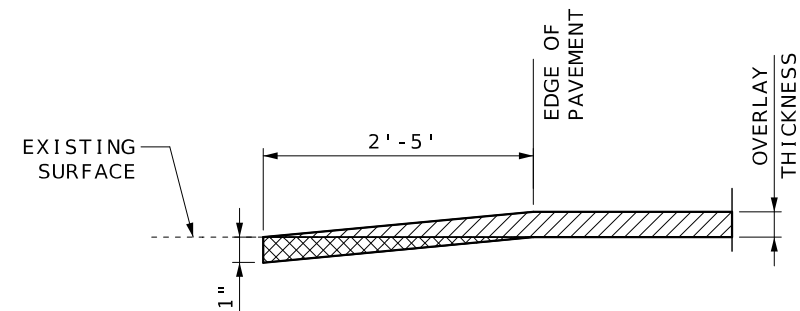
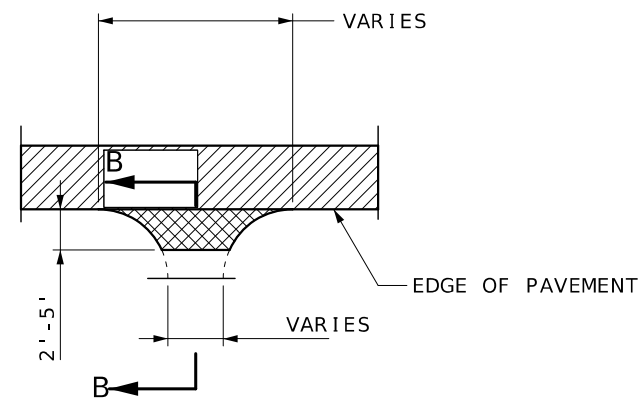


DATE PREPARED 4/29/2025	
ROUTE P	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY ADAIR	
JOB NO. JNE0209	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

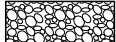
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DATE									

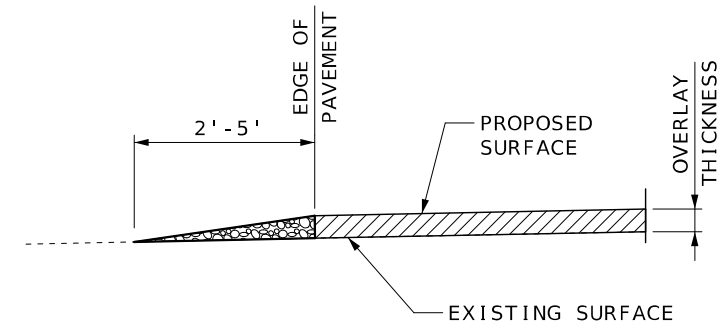
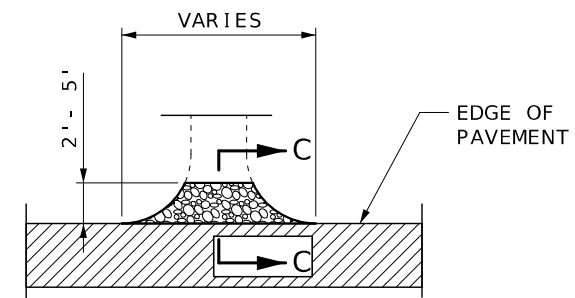




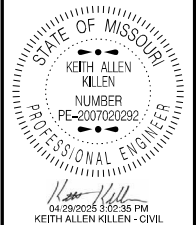
SECTION B-B
TYPICAL ASPHALT/CONCRETE ENTRANCE OR SIDE ROAD
(COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

LEGEND

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



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



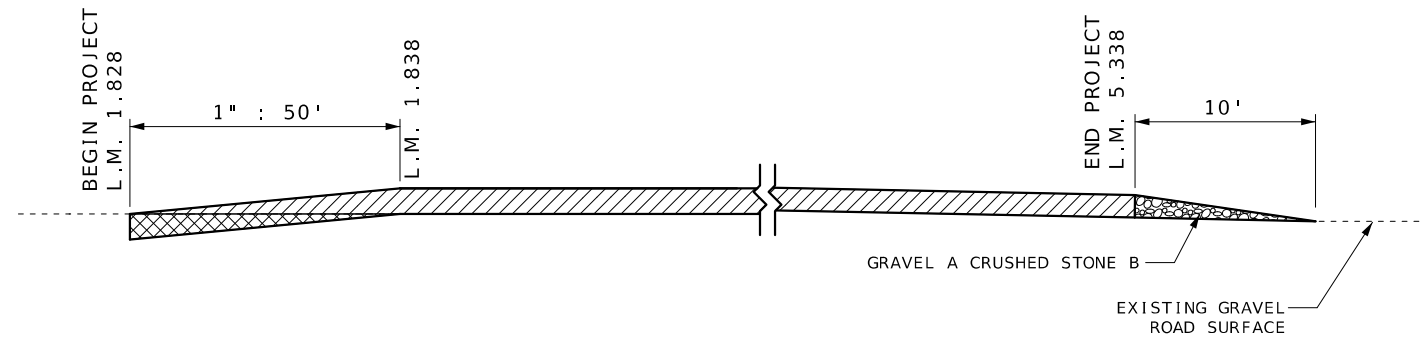
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4/29/2025
ROUTE P STATE MO
DISTRICT NE SHEET NO. 4
COUNTY ADAIR
JOB NO. JNE0209
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

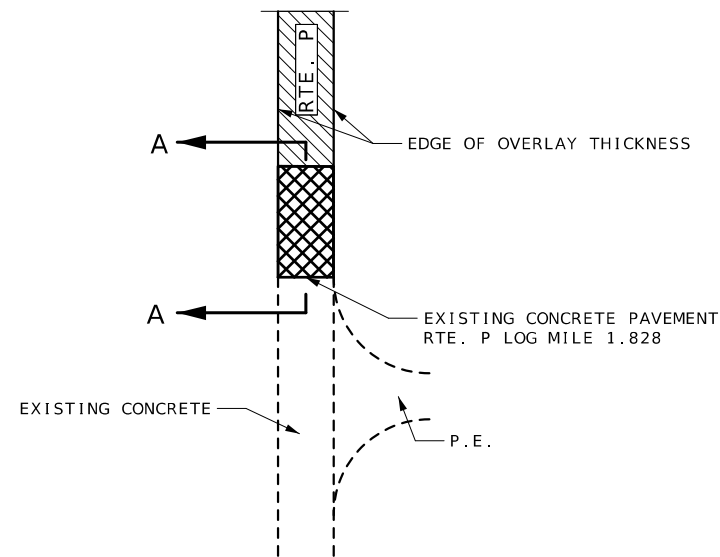
DATE	DESCRIPTION

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

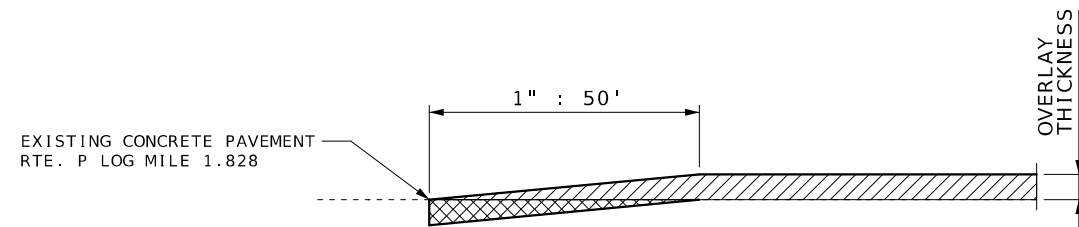
APPROACHES
SPECIAL SHEET
SHEET 1 OF 2



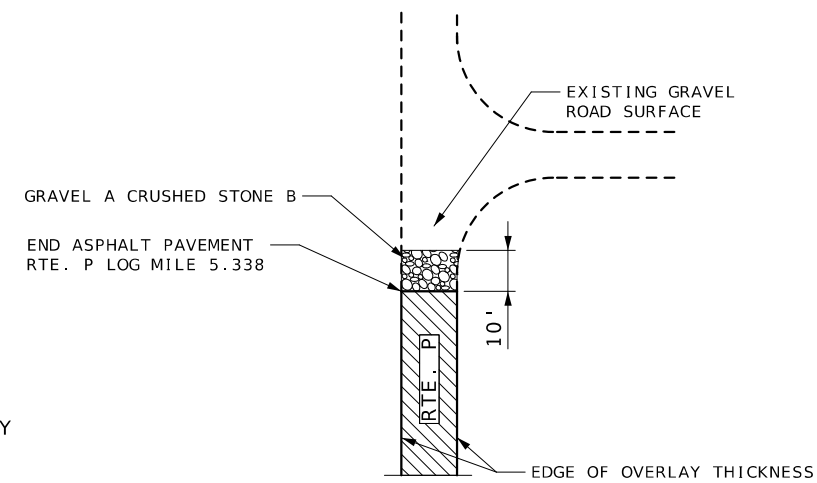
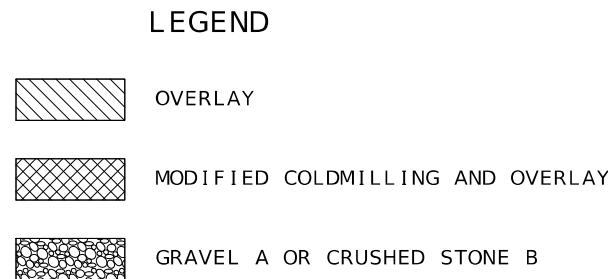
LONGITUDINAL TRAVELWAY DEPTH TRANSITION



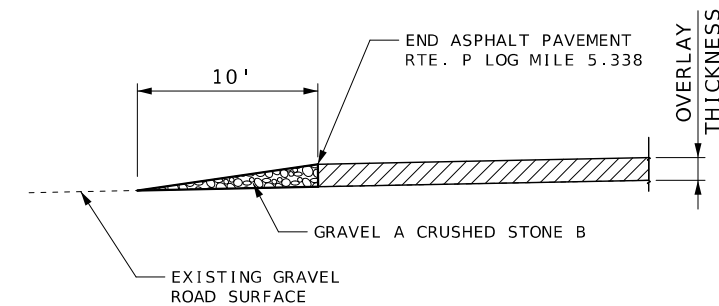
BEGINNING OF PROJECT



SECTION A-A
DEPTH TRANSITION
BEGINNING OF PROJECT



END OF PROJECT



AGGREGATE TRANSITION
END OF PROJECT



04/29/2025 3:03:05 PM
KEITH ALLEN KILLEN - CIVIL
MO-PE-2007020292
DATE PREPARED

4/29/2025

ROUTE P STATE MO

DISTRICT NE SHEET NO. 5

COUNTY ADAIR

JOB NO. JNE0209

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

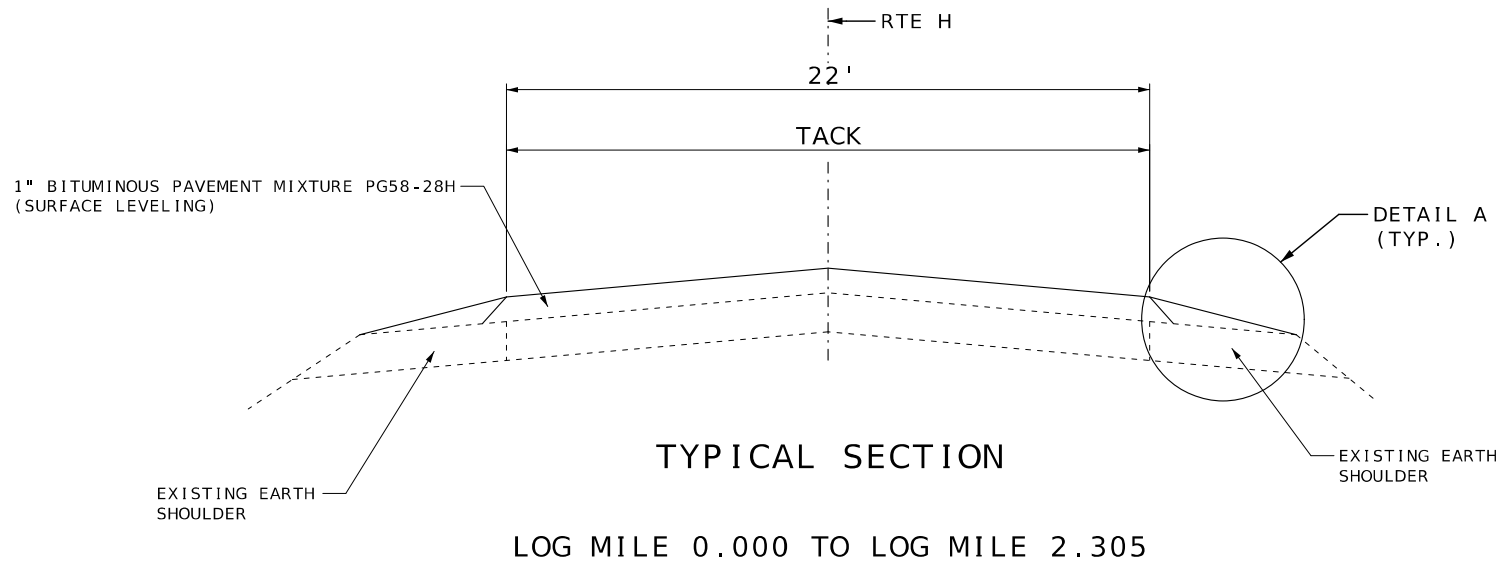
105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

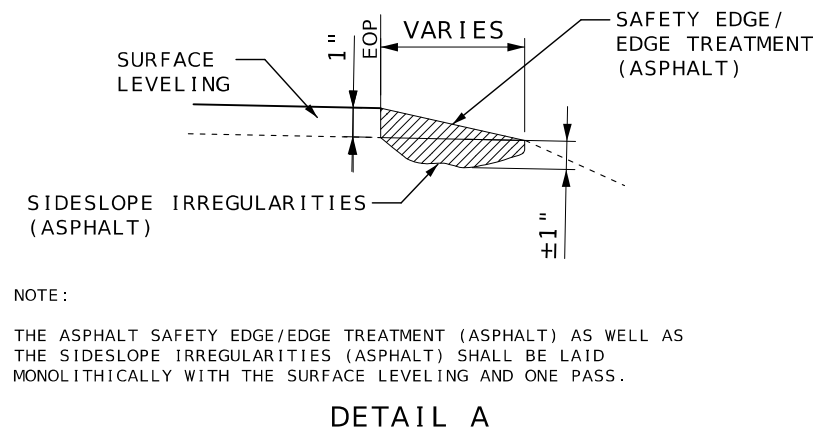
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DEPTH TRANSITIONS SPECIAL SHEET SHEET 2 OF 2

TITLE SHEET



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

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TYPICAL SECTION
SHEET 1 OF 1

PAVED APPROACHES - STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.749	LT	220	11.9	22	220	ASPHALT W. SHEPHERD AVE.
0.778	RT	25	1.4	3	25	CONCRETE P.E.
1.099	RT	25	1.4	3	25	P.E. ASPHALT
1.979	RT	25	1.4	3	25	C.E. CONCRETE
2.199	RT	35	1.9	4	35	C.E. CONCRETE
2.259	RT	56	3.0	6	56	C.E CONCRETE
SUBTOTAL			21.0	41	386	

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
VAR.	VAR.	50	2.5	125.0	PRIVATE AND FIELD ENTRANCES, MAILBOX TURNOUTS
VAR.	VAR.	4	4.5	18.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
		TOTAL		143.0	

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

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) AND TACK COAT									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT		REMARKS
							0.08 GAL/ SQ. YD. (GAL)	0.10 GAL/ SQ. YD. (GAL)	
0.000	0.010	50.00	1.00	22	122	6.6	-	12.2	TRAVELWAY RESURFACING BEGIN PROJECT
0.010	2.295	12064.80	1.00	22	29492	1595.8	2359.4	-	TRAVELWAY RESURFACING
2.295	2.305	50.00	1.00	22	122	6.6	-	12.2	TRAVELWAY RESURFACING END PROJECT
0.000	2.305	12170.40	-	-	-	146.3	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.000	2.305	12170.40	-	-	-	345.8	-	-	150 TONS/MILE - SURFACE IRREGULARITIES
SUBTOTAL						2,101.1	2,359.4	24.4	
SUBTOTAL						21.0	-	41.0	SUBTOTAL PAVED APPROACHES
TOTAL						2,122.1	2,425		

NOTE: TACK FACTOR - USE 0.08 GAL/SQ.YD. FOR OVERLAY AND 0.10 GAL/SQ.YD. FOR COLDMILLED SURFACES

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS		REMARKS
			4" YELLOW CENTERLINE (LF)	4" WHITE EDGELINE (LF)	
0.000	2.305	RTE H	11,352.00	-	CENTER LINE PAVEMENT MARKING
0.000	2.305	RTE H	-	24,340.80	EDGELINE PAVEMENT MARKING
SUBTOTAL			11,352.00	24,340.80	
TOTAL			11,352	24,341	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.010	50.00	1.00	VARIES	133.00	BEGIN PROJECT DEPTH TRANSITION
2.295	2.305	50.00	1.00	VARIES	450.00	END PROJECT DEPTH TRANSITION
SUBTOTAL					583.00	
VAR.	VAR.	-	-		386.00	SUBTOTAL FROM PAVED APPROACHES
TOTAL					969	

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 2 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	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	4	64.00	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 - 4 TOTAL						
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	4	64.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	4	6.00	PILOT CAR IN USE WAIT & FOLLOW
TOTAL					600.26	

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

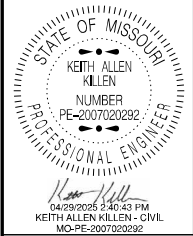
TRAFFIC CONTROL DEVICES	
QTY	DESCRIPTION
25	CHANNELIZERS (TRIM-LINE)

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

MOBILIZATION
1 LUMP SUM

ADAIR H PAVEMENT MARKING LOG							
LOG MILE	LOG MILE	TYPE	NO PASSING DIRECTION	LENGTH MILES	CENTERLINE 4" YELLOW LIN. FT.	EDGELINE 4" WHITE LIN. FT.	REMARKS
0.000	2.305	SW	-	2.305	-	24340.80	EDGELINES
0.000	0.164	IY	-	0.164	216.48	-	INTERMITTENT YELLOW CENTERLINE
0.164	0.304	SYIY	SBL	0.140	924.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.304	0.383	DSY	BOTH	0.079	834.24	-	DOUBLE SOLID YELLOW CENTERLINE
0.383	0.443	SYIY	SBL	0.060	396.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.443	0.474	IY	-	0.031	40.92	-	INTERMITTENT YELLOW CENTERLINE
0.474	0.603	SYIY	NBL	0.129	851.40	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.603	0.704	SYIY	SBL	0.101	666.60	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.704	0.803	IY	-	0.099	130.68	-	INTERMITTENT YELLOW CENTERLINE
0.803	0.903	SYIY	NBL	0.100	660.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.903	1.122	IY	-	0.219	289.08	-	INTERMITTENT YELLOW CENTERLINE
1.122	1.224	SYIY	SBL	0.102	673.20	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.224	1.283	IY	-	0.059	77.88	-	INTERMITTENT YELLOW CENTERLINE
1.283	1.403	SYIY	NBL	0.120	792.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.403	1.524	IY	-	0.121	159.72	-	INTERMITTENT YELLOW CENTERLINE
1.524	1.683	SYIY	SBL	0.159	1049.40	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.683	1.722	IY	-	0.039	51.48	-	INTERMITTENT YELLOW CENTERLINE
1.722	1.803	SYIY	NBL	0.081	534.60	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.803	1.862	DSY	BOTH	0.059	623.04	-	DOUBLE SOLID YELLOW CENTERLINE
1.862	1.942	SYIY	SBL	0.080	528.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.942	2.002	IY	-	0.060	79.20	-	INTERMITTENT YELLOW CENTERLINE
2.002	2.152	SYIY	NBL	0.150	990.00	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
2.152	2.242	IY	-	0.090	118.80	-	INTERMITTENT YELLOW CENTERLINE
2.242	2.305	DSY	BOTH	0.063	665.28	-	DOUBLE SOLID YELLOW CENTERLINE

NOTE: FOR INFORMATION ONLY. FIELD VERIFY EXISTING PAVEMENT MARKING.



DATE PREPARED
4/29/2025

ROUTE **H** STATE **MO**

DISTRICT **NE** SHEET NO. **3**

COUNTY
ADAIR

JOB NO.
JNE0212

CONTRACT ID.

PROJECT NO.

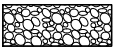
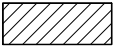
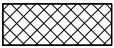
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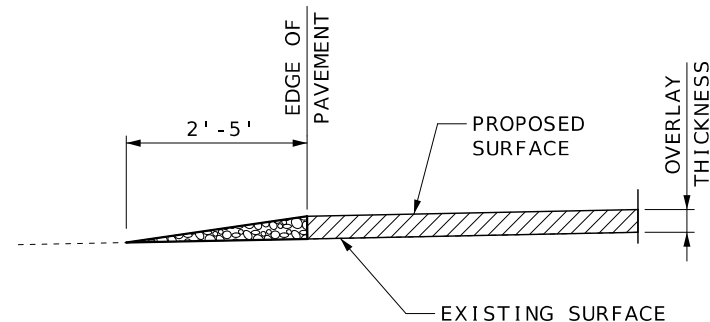
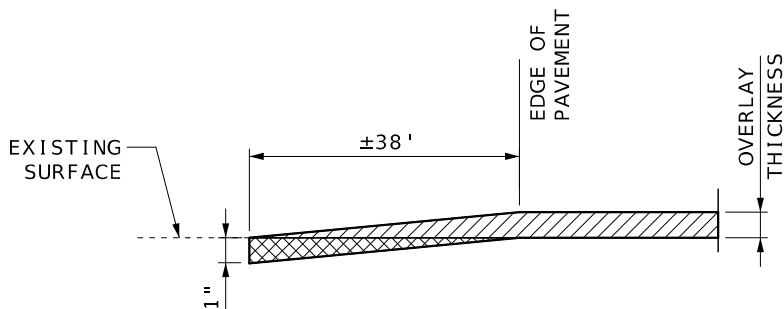
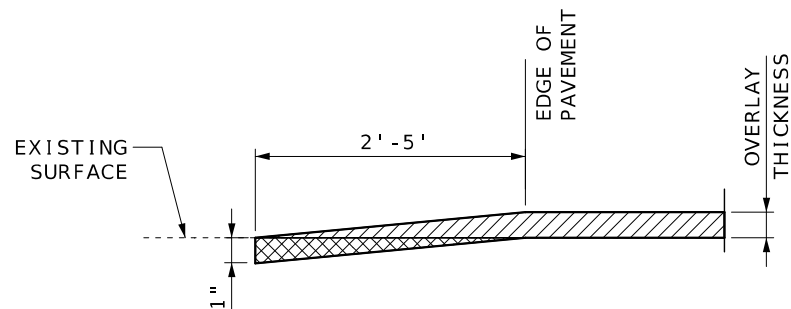
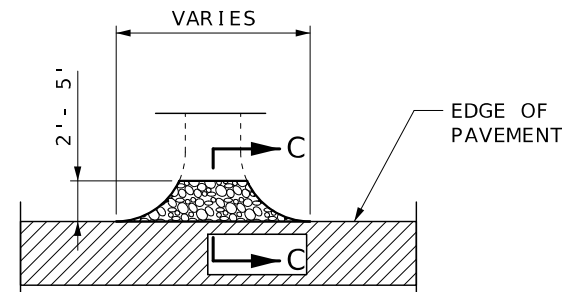
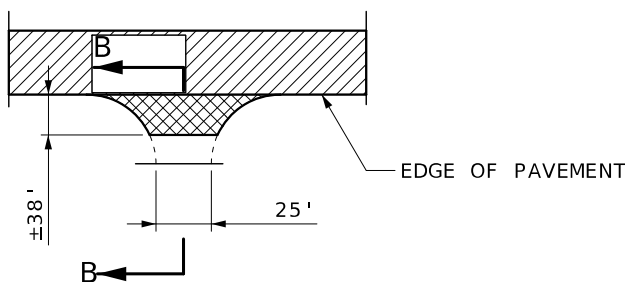
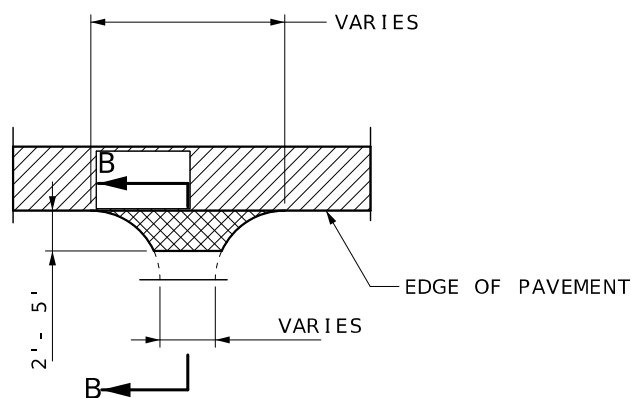
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LEGEND

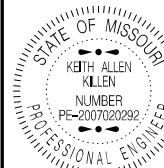
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-  OVERLAY
-  MODIFIED COLDMILLING AND OVERLAY



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

SECTION B-B
ASPHALT APPROACH
(W. SHEPHERD AVE.)

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



DATE PREPARED
4/29/2025
ROUTE
H
DISTRICT
NE

STATE
MO
SHEET NO.
4

COUNTY
ADAIR
JOB NO.
JNE0212
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION

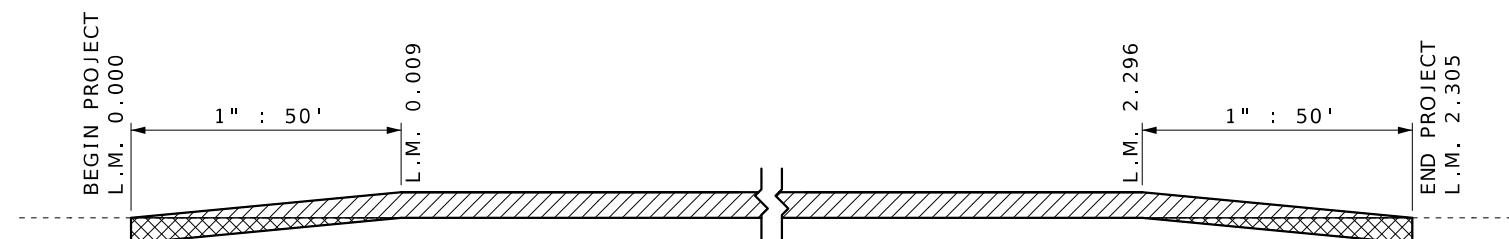
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

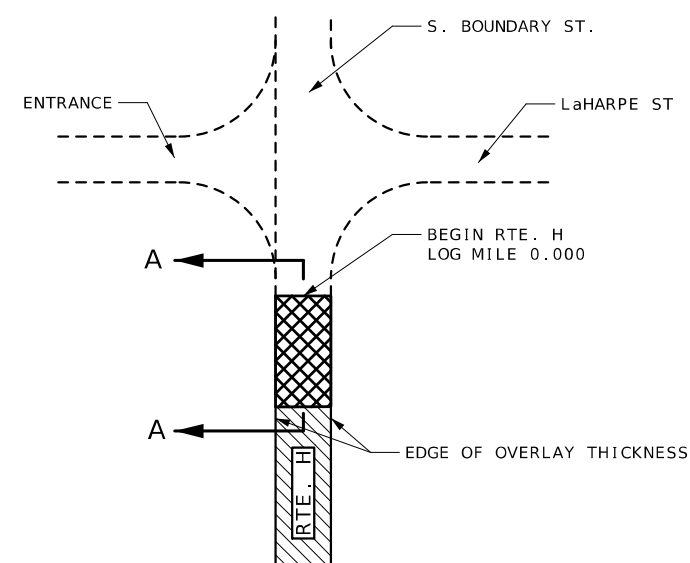
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

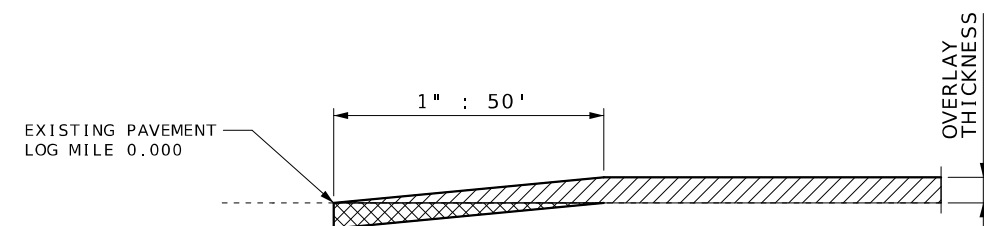
APPROACHES
SPECIAL SHEET
1 OF 2



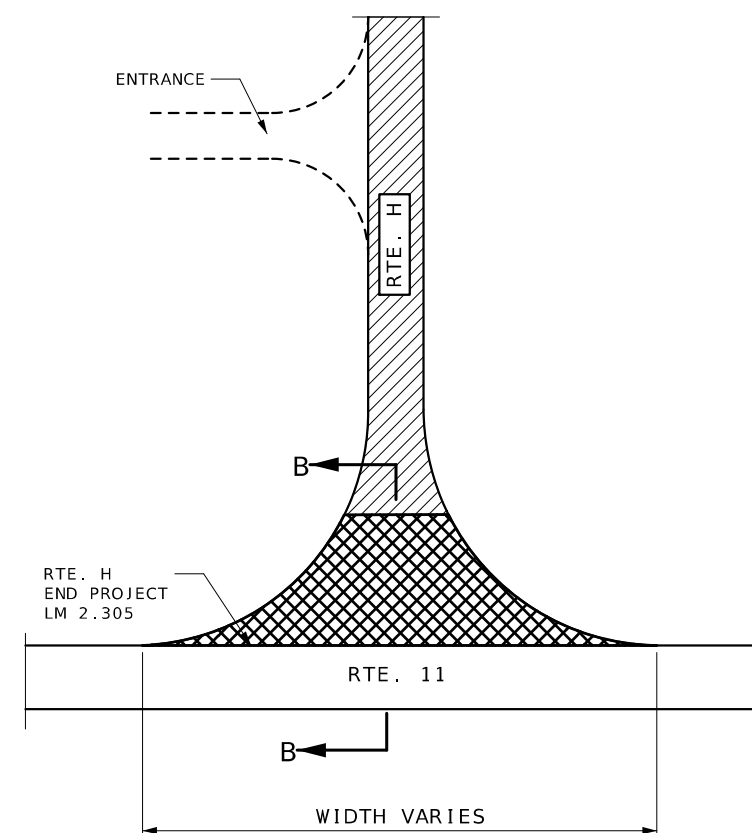
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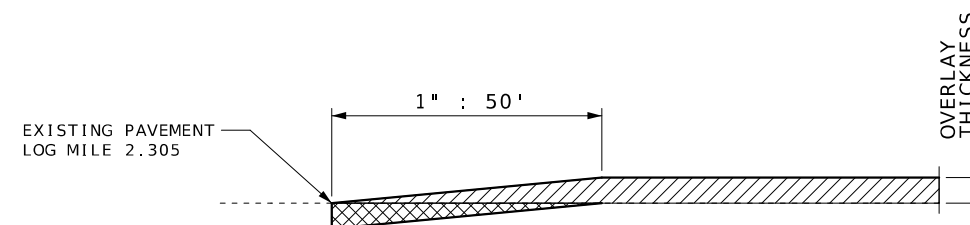
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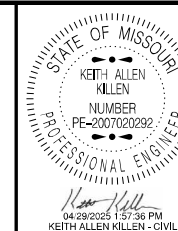
SECTION A-A
DEPTH TRANSITION
BEGINNING OF PROJECT



END OF PROJECT



SECTION B-B
DEPTH TRANSITION
END OF PROJECT



MO-PE-200702029

DATE PREPARED
4/29/202

ROUTE	S*
-------	----

H	M
DISTRICT	SHEET

NE	
----	--

COUNTY
ADAIR

JOB NO.

JNE0212

CONTRACT ID

PROJECT NO. _____

BRIDGE NO. _____

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

DEPTH TRANSITIONS
SPECIAL SHEET
2 OF 2