

DESIGN DESIGNATION
 RTE Y - LEWIS CO.
 A.A.D.T - 2023 = 94
 V = 55 M.P.H

RTE P - MARION CO.
 A.A.D.T - 2023 = 471
 V = 55 M.P.H

RTE F - MARION CO.
 A.A.D.T - 2023 = 499
 V = 55 M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

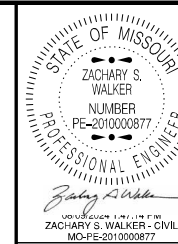
PLANS FOR PROPOSED STATE HIGHWAY

LEWIS AND MARION COUNTIES

T62N-T57N, R09W-R06W

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (3 SHEETS)	2
QUANTITIES (QU) (5 SHEETS)	3
SPECIAL SHEETS (SS) (4 SHEETS)	4-7



DATE PREPARED
8/8/2024

LENGTH OF PROJECT

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
NE	1

COUNTY
VARIOUS

JOB NO.
JST0106

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

EXCEPTIONS:	
NONE	0.000 MILES
TOTAL CORRECTIONS	
NET LENGTH OF PROJECT	0.000 MILES
STATE LENGTH	14.779 MILES

EXCEPTIONS:	
NONE	0.000
TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	6.362 MILES
STATE LENGTH	6.362 MILES

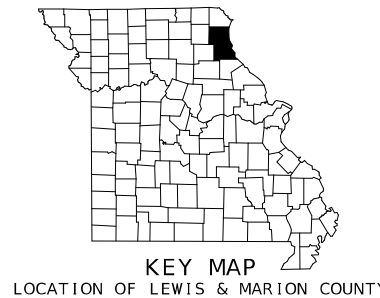
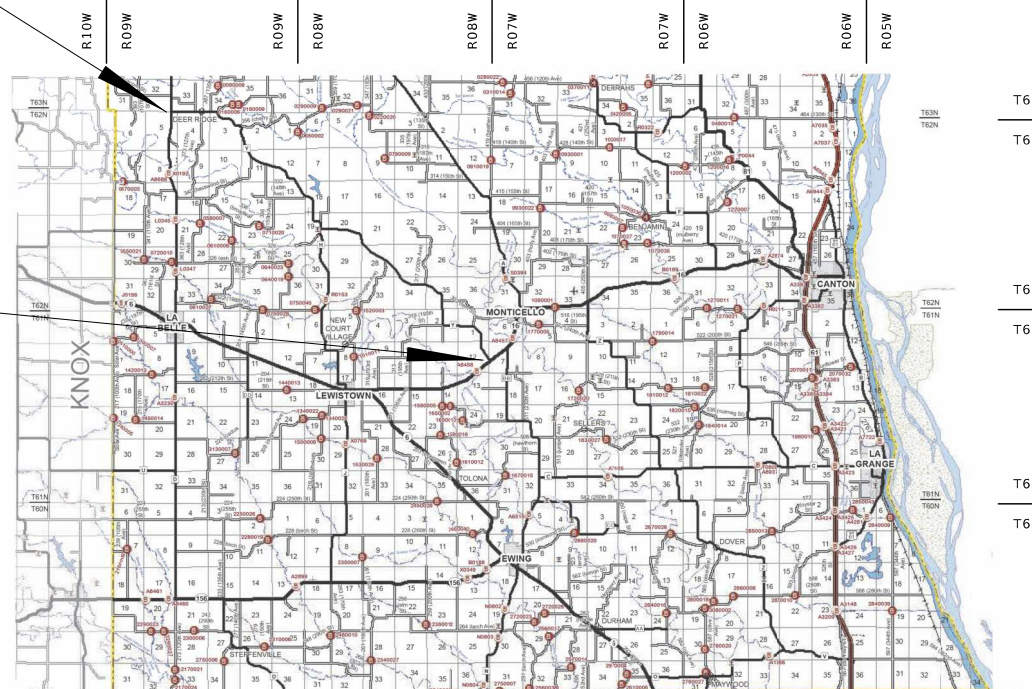
EXCEPTIONS:	
NONE	0.000
TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	4.279 MILES
STATE LENGTH	4.279 MILES

EXCEPTIONS:	
RAILROAD	0.005 MILES
BRIDGE A7325	0.038 MILES
TOTAL CORRECTIONS	0.043 MILES
NET LENGTH OF PROJECT	4.279 MILES
STATE LENGTH	4.279 MILES

1" SURFACE LEVELING
 RTE Y

BEG OF PROJECT
LM 0.000

END OF PROJECT
LM 14.779



1" SURFACE LEVELING
 RTE P

BEG OF PROJECT
LM 0.000

END OF PROJECT
LM 6.362

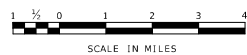
1" SURFACE LEVELING
 RTE F

BEG OF PROJECT
LM 0.000

RAILROAD EXCEPTION
LM 0.012 TO LM 0.017

BRIDGE A7325 EXCEPTION
LM 1.386 TO LM 1.424

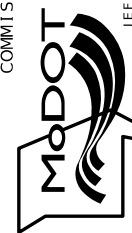
END OF PROJECT
LM 4.322



DESCRIPTION

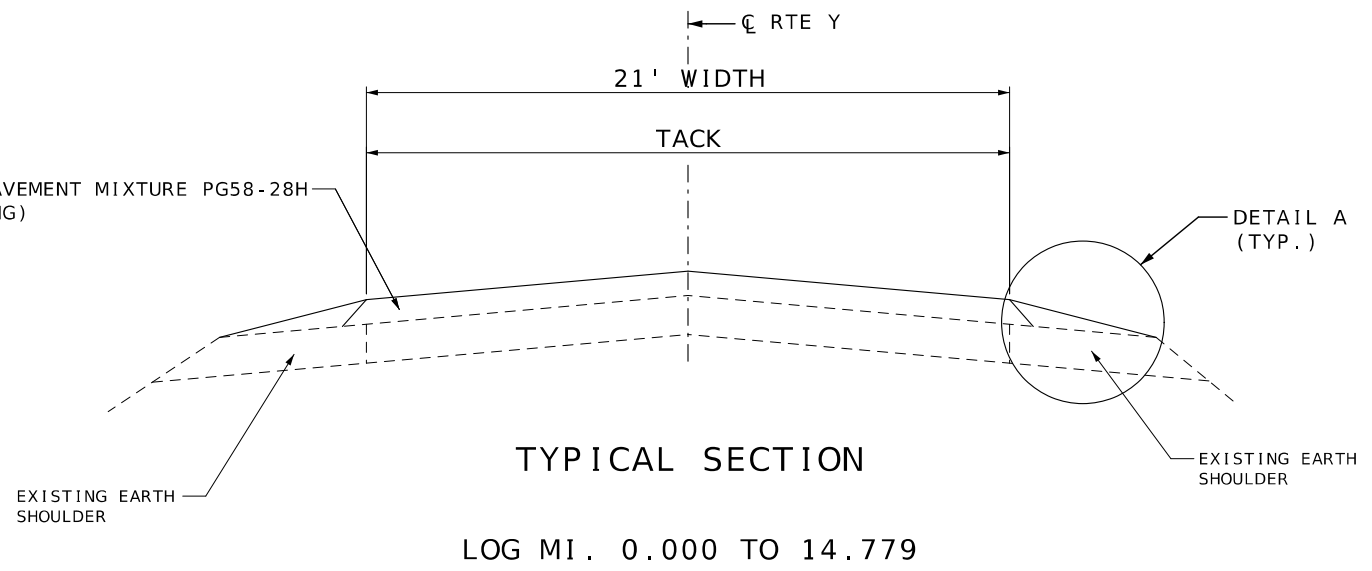
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



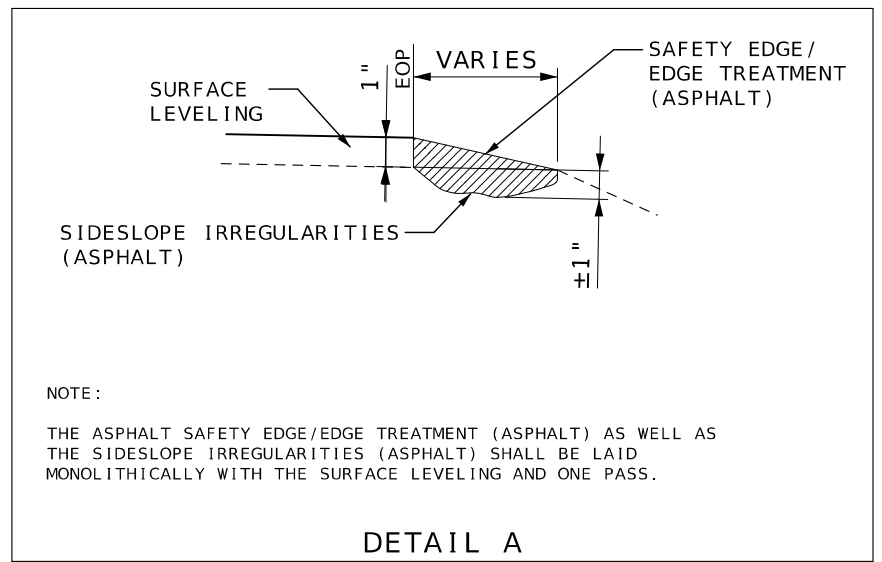
TITLE SHEET
SHEET 1 OF 1

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



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

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 COLDMILLED SURFACE	= 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT	= 1.40 TONS / CY OF LOOSE AGG.



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.

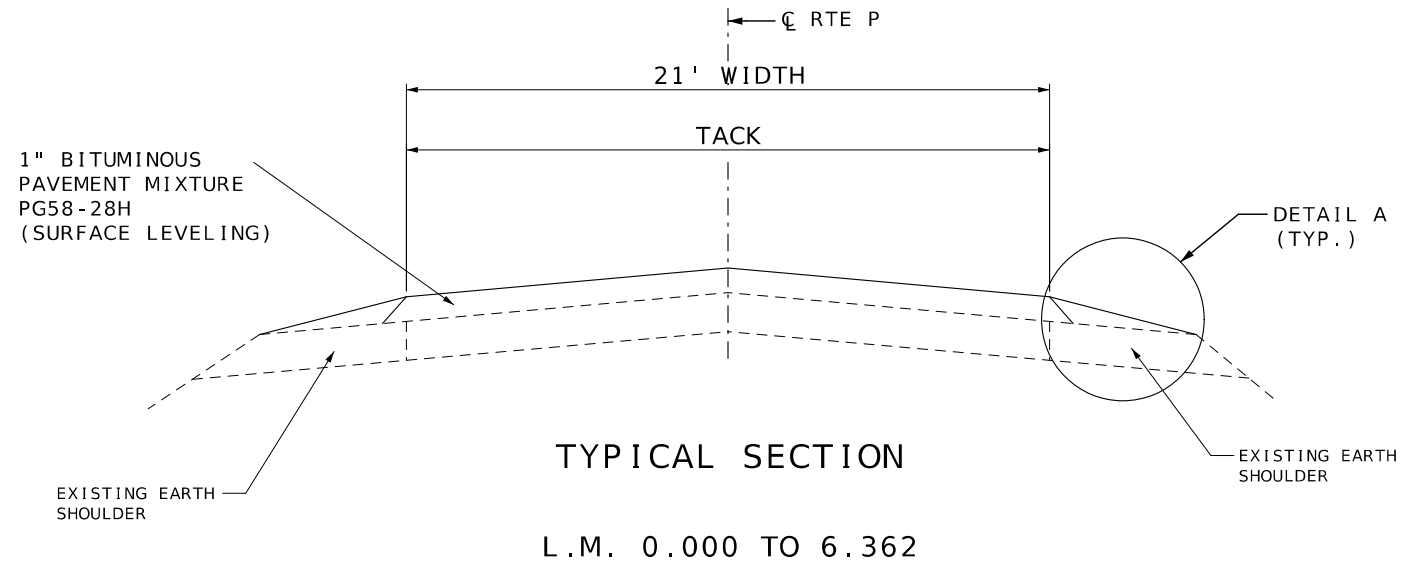
ZACHARY S. WALKER
PROFESSIONAL ENGINEER
NO. PE-201000877

DATE PREPARED 8/8/2024	
ROUTE VAR	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0106	
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)

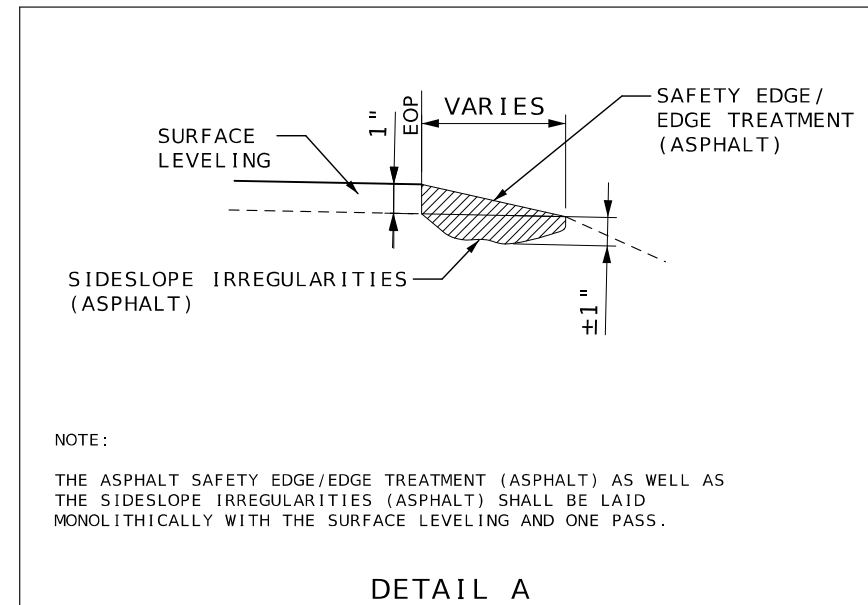
RTE Y
LEWIS COUNTY
TYPICAL SECTION SHEET
SHEET 1 OF 3
NOT TO SCALE



L.M. 0.000 TO 6.362

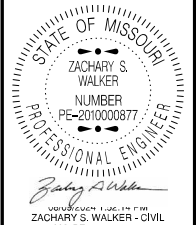
ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING)	= 1.948 TON/CY
TACK COAT (EXISTING SURFACE)	= 0.08 GAL/SY
TACK COAT (COLDMILLED SURFACE)	= 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT	= 1.40 TONS / CY OF LOOSE AGG.

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



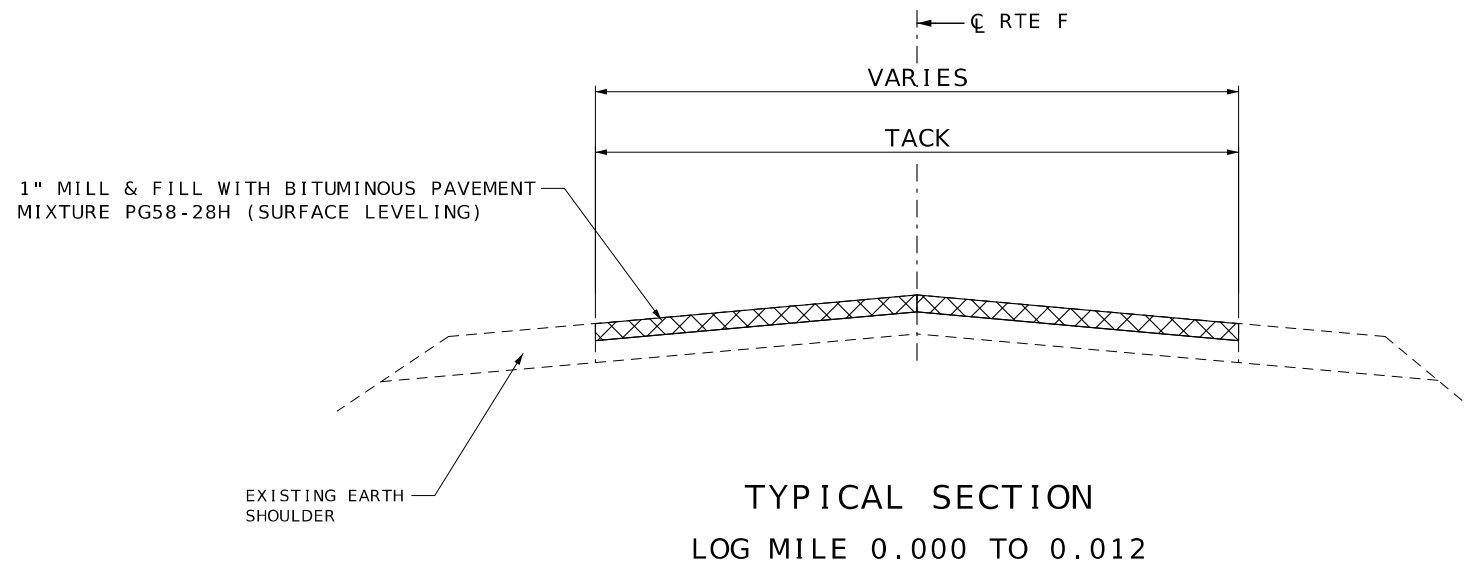
DATE PREPARED 8/8/2024	
ROUTE VAR	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0106	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

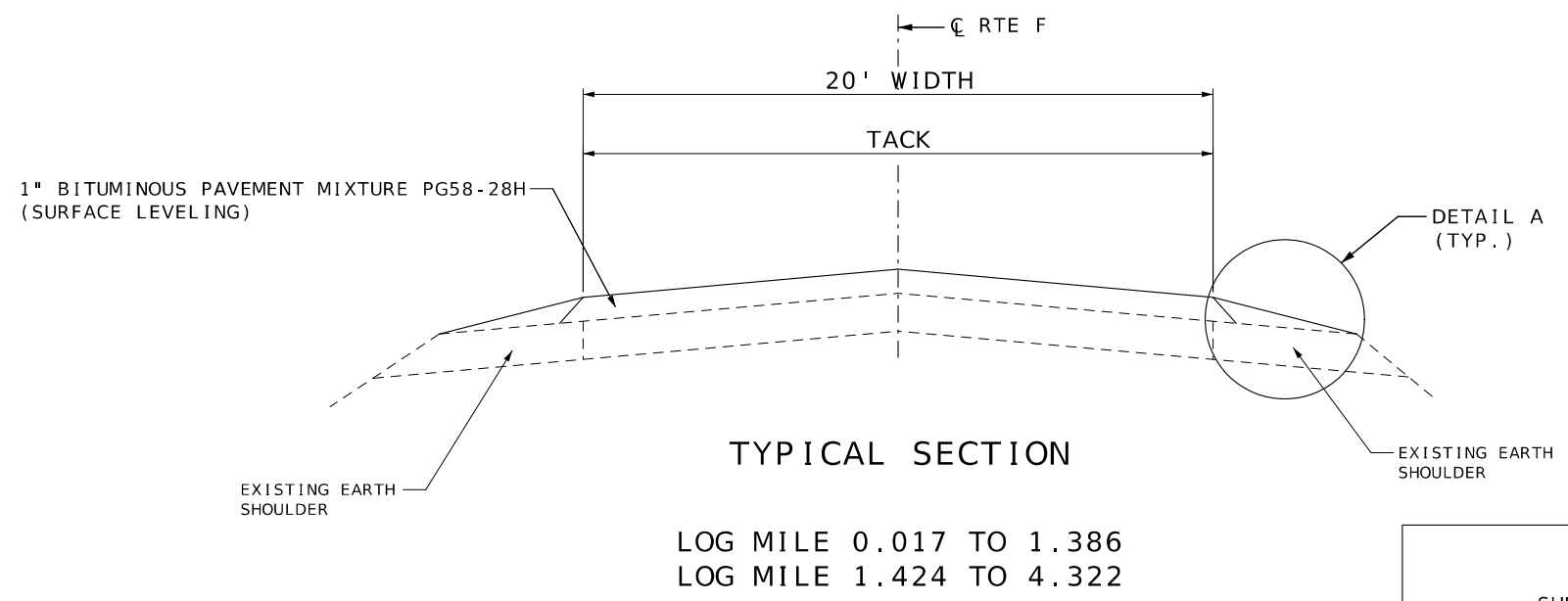
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE P
MARION COUNTY
TYPICAL SECTION SHEET
SHEET 2 OF 3
NOT TO SCALE

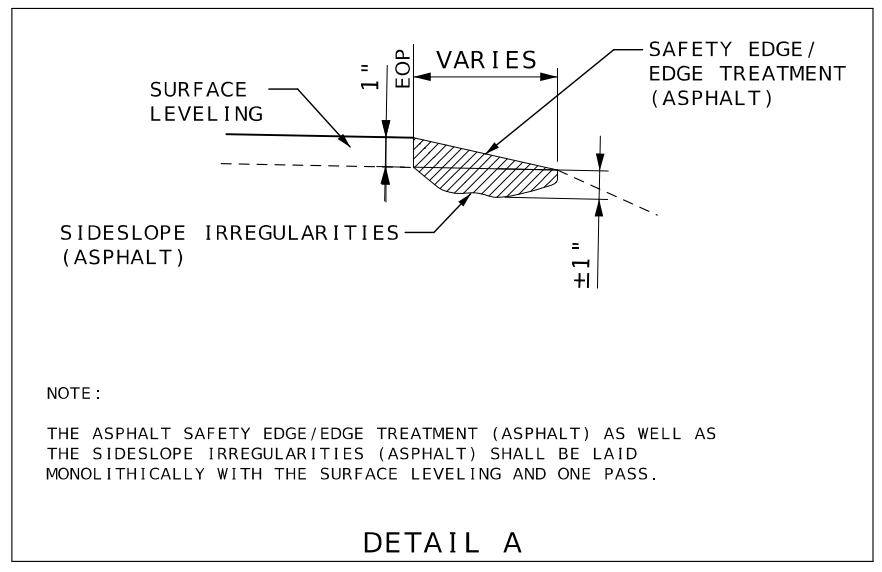


TYPICAL SECTION
LOG MILE 0.000 TO 0.012

EXCEPTIONS
LOG MI. 0.012 TO 0.017
LOG MI. 1.386 TO 1.424



TYPICAL SECTION
LOG MILE 0.017 TO 1.386
LOG MILE 1.424 TO 4.322

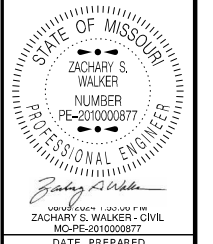


NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A

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

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 (COLDMILLED SURFACE)	= 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT	= 1.40 TONS / CY OF LOOSE AGG.



DATE PREPARED 8/8/2024	
ROUTE VAR	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JST0106	
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 F
MARION COUNTY
TYPICAL SECTION SHEET
SHEET 3 OF 3
NOT TO SCALE

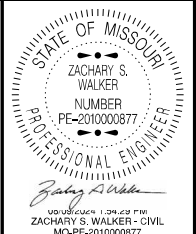
1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL / SQ. YD. (GAL)	TACK COAT 0.10 GAL / SQ. YD. (GAL)	REMARKS
0.000	0.009	50.00	1.00	VARIES	350.00	18.9	-	35.0	BEG PROJECT
0.009	6.939	36590.40	1.00	21	85377.60	4619.9	6830.2	-	
6.939	6.960	-	1.00	VARIES	500.00	27.1	40.0	-	RTE H INTERSECTION ONLY
6.950		50.00	1.00	21	117.00	6.3	-	11.7	RTE H APPROACH
6.960	14.770	41236.80	1.00	21	96219.20	5206.5	7697.5	-	
14.770	14.779	50.00	1.00	VARIES	350.00	18.9	-	35.0	END OF PROJECT
0.000	14.779	78033.12	-	-	-	4433.7	-	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.000	14.779	78033.12	-	-	-	938.3	-	-	SAFETY EDGE/EDGE TREATMENT - 1 FT LEFT AND RIGHT (VARIES)
SUBTOTAL						15,269.6	14,567.7	81.7	
TOTAL						15,269.6		14,649.4	

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	14.779	101	2.0	202.0	PRIVATE AND FIELD ENTRANCES
0.000	14.779	20	4.0	80.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				282.0	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.014	50.00	1.00	VARIES	350	BEG PROJECT
6.950		50.00	1.00	21	117	RTE H
14.770	14.779	50.00	1.00	VARIES	350	END PROJECT
SUBTOTAL					817	
TOTAL					817	

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.	
0.009	0.524	RTE Y			5,438	
0.524	0.619	RTE Y		627		EBL SOLID AND WBL INTERMITTENT
0.619	0.699	RTE Y			845	
0.699	0.759	RTE Y		396		EBL INTERMITTENT AND WBL SOLID
0.759	0.778	RTE Y	30			
0.778	0.838	RTE Y		396		EBL SOLID AND WBL INTERMITTENT
0.838	1.023	RTE Y			1,954	
1.023	1.199	RTE Y		1,162		EBL SOLID AND WBL INTERMITTENT
1.199	1.239	RTE Y	60			
1.239	1.418	RTE Y		1,181		EBL SOLID AND WBL INTERMITTENT
1.418	3.019	RTE Y			16,907	
3.019	3.179	RTE Y		1,056		EBL INTERMITTENT AND WBL SOLID
3.179	3.198	RTE Y	30			
3.198	3.378	RTE Y		1,188		EBL SOLID AND WBL INTERMITTENT
3.378	3.698	RTE Y			3,379	
3.698	3.838	RTE Y		924		EBL INTERMITTENT AND WBL SOLID
3.838	3.862	RTE Y			253	
3.862	4.017	RTE Y		1,023		EBL SOLID AND WBL INTERMITTENT
4.017	5.859	RTE Y			19,452	
5.859	5.961	RTE Y		673		EBL INTERMITTENT AND WBL SOLID
5.961	6.040	RTE Y			834	
6.040	6.140	RTE Y		660		EBL SOLID AND WBL INTERMITTENT
6.140	6.279	RTE Y		917		EBL INTERMITTENT AND WBL SOLID
6.279	6.320	RTE Y			433	
6.320	6.460	RTE Y		924		EBL SOLID AND WBL INTERMITTENT
6.460	7.004	RTE Y			5,745	
6.950		RTE H			200	Q
7.004	7.544	RTE Y	720			
7.544	7.702	RTE Y				EBL SOLID AND WBL INTERMITTENT
7.702	8.490	RTE Y			8,321	
8.490	8.642	RTE Y		1,003		EBL INTERMITTENT AND WBL SOLID
8.642	8.662	RTE Y	30			
8.662	8.842	RTE Y		1,188		EBL SOLID AND WBL INTERMITTENT
8.842	9.022	RTE Y			1,901	
9.022	9.201	RTE Y		1,181		EBL INTERMITTENT AND WBL SOLID
9.201	9.362	RTE Y	220			
9.362	9.522	RTE Y		1,056		EBL SOLID AND WBL INTERMITTENT
9.522	9.782	RTE Y			2,746	
9.782	9.941	RTE Y		1,049		EBL INTERMITTENT AND WBL SOLID
9.941	9.970	RTE Y			306	
9.970	10.102	RTE Y		871		EBL SOLID AND WBL INTERMITTENT
10.102	12.570	RTE Y			26,062	
12.570	12.662	RTE Y		607		EBL INTERMITTENT AND WBL SOLID
12.662	12.742	RTE Y			845	
12.742	12.841	RTE Y		653		EBL SOLID AND WBL INTERMITTENT
12.841	13.128	RTE Y			3,031	
13.128	13.260	RTE Y		871		EBL INTERMITTENT AND WBL SOLID
13.260	13.300	RTE Y			422	
13.300	13.441	RTE Y		931		EBL SOLID AND WBL INTERMITTENT
13.441	13.863	RTE Y			4,456	
13.863	14.003	RTE Y		924		EBL INTERMITTENT AND WBL SOLID
14.003	14.023	RTE Y			211	
14.023	14.162	RTE Y		917		EBL SOLID AND WBL INTERMITTENT
14.162	14.379	RTE Y			2,292	
14.379	14.480	RTE Y		667		EBL INTERMITTENT AND WBL SOLID
14.480	14.539	RTE Y			623	
14.539	14.659	RTE Y		792		EBL SOLID AND WBL INTERMITTENT
14.659	14.767	RTE Y			1,140	
SUBTOTAL			1,090	23,837	107,796	
TOTAL				132,723		

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING



DATE PREPARED
8/8/2024
ROUTE VAR STATE MO
DISTRICT NE SHEET NO. 3
COUNTY VARIOUS
JOB NO. JST0106
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

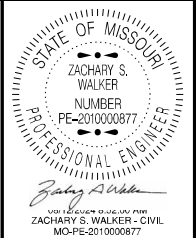
CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 15 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	15	240.00	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	30	480.00	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	SPECIAL	18 X 12	1.50	8	12.00	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					1479.01	
CONSTRUCTION SIGNS TOTAL (USE)					1480	

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM REFER TO STD. PLAN 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

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
0.000	6.353	33543.84	1.00	21	78268.96	4235.2	6261.5	-	BEG PROJECT
6.353	6.362	50.00	1.00	21	116.67	6.3	-	11.7	END PROJECT
0.000	6.362	33591.36	-	-	-	1908.6	-	-	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.000	6.362	33591.36	-	-	-	403.9	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT (VARIES)
SUBTOTAL						6,554.0	6,261.5	11.7	
						1.4	-	3.0	PAVED ENTRANCES
TOTAL						6,555.4	6276.2		



DATE PREPARED
8/12/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
NE 3

COUNTY
VARIOUS

JOB NO.
JST0106

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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	6.380	64	2.0	128.0	PRIVATE AND FIELD ENTRANCES
0.000	6.380	14	4.0	56.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
6.380	6.390	1	4.0	4.0	END PROJECT AGGREGATE WEDGE
TOTAL				188.0	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
6.353	6.362	50.00	1.00	21	117	END OF PROJECT
SUBTOTAL					117	
					25	PAVED ENTRANCES
TOTAL					142	

PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.1 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
3.705	LT	25	1.4	3	25	CONC. P.E.
SUBTOTAL			1.4	3	25	

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 - 7 TOTAL						
2	W020-1	48 X 48	16.00	7	112.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	7	112.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	7	112.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	7	10.50	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					997.51	
CONSTRUCTION SIGNS TOTAL (USE)					998	

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS		REMARKS
			4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	
0.000	3.498	RTE P		36,939	
3.498	3.658	RTE P	1,056		WBL SOLID AND EBL INTERMITTENT
3.658	3.838	RTE P	1,188		WBL INTERMITTENT AND EBL SOLID
3.838	4.499	RTE P		6,980	
4.499	4.639	RTE P	924		WBL SOLID AND EBL INTERMITTENT
4.639	4.659	RTE P		211	
4.659	4.819	RTE P		5,555	WBL INTERMITTENT AND EBL SOLID
4.819	5.345	RTE P			
5.345	5.440	RTE P			WBL SOLID AND EBL INTERMITTENT
5.440	5.520	RTE P		845	
5.520	5.620	RTE P			WBL INTERMITTENT AND EBL SOLID
5.620	6.362	RTE P		7,836	
SUBTOTAL			3,168	58,366	
TOTAL				61,534	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM REFER TO STD. PLAN 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

DESCRIPTION

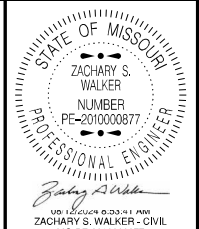
DATE

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
0.000	0.012	65.00	1.00	VARIES	215.00	11.6	-	21.5	BEG PROJECT
0.012	0.017	26.40	-	-	-	-	-	-	RR CROSSING EXCEPTION
0.017	0.026	50.00	1.00	20	111.11	6.0	-	11.1	TRANSITION FROM R.R.
0.026	1.377	7133.28	1.00	20	15851.73	857.8	1268.1	-	BRIDGE TRANSITION
1.377	1.386	50.00	1.00	20	111.11	6.0	-	11.1	BRIDGE A7325
1.386	1.424	200.00	-	-	-	-	-	-	BRIDGE TRANSITION
1.424	1.433	50.00	1.00	20	111.11	6.0	-	11.1	BRIDGE TRANSITION
1.433	4.313	15206.40	1.00	20	33792.00	1828.5	2703.4	-	END PROJECT
4.313	4.322	50.00	1.00	20	111.11	6.0	-	11.1	ADDTL. 300 TONS/MILE FOR SURFACE IRREGULARITIES
0.017	4.322	22730.40	-	-	-	1291.5	-	-	SAFETY EDGE/EDGE TREATMENT - 1 FT LEFT AND RIGHT (VARIES)
0.017	4.322	22730.40	-	-	-	273.3	-	-	
SUBTOTAL						4,286.7	3,971.5	65.9	
-	-	-	-	-	-	15.2	-	30	PAVED ENTRANCES
TOTAL						4,301.9	4,067.4		



DATE PREPARED
8/12/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
NE 3

COUNTY
VARIOUS

JOB NO.
JST0106

CONTRACT ID.

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
2.860	LT	33	1.8	4	33	WALNUT RIDGE ENTRANCE
3.075	LT	39	2.1	4	39	HIDDEN VALLEY RIDGE ENTRANCE
3.250	LT	33	1.8	4	33	CO RD 277
3.300	LT	100	5.4	10	100	CONCRETE PE
3.510	LT	75	4.1	8	75	CONCRETE PE
SUBTOTAL			15.2	30	280	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.017	0.026	50.00	1.00	20	111	BEGIN FROM RR
1.377	1.386	50.00	1.00	20	111	BRIDGE TRANSITION TO A7325
1.424	1.433	50.00	1.00	20	111	BRIDGE TRANSITION FROM A7325
4.313	4.322	50.00	1.00	20	111	END PROJECT
SUBTOTAL					444	
-	-	-	1.00	-	280	PAVED ENTRANCES
TOTAL					724	

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	4.322	30	2.0	60.0	PRIVATE AND FIELD ENTRANCES
0.000	4.322	9	4.0	36.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				96.0	

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
0.000	0.012	65.00	1.00	VARIES	215	BEGIN OF PROJECT
TOTAL					215	

PAVEMENT MARKINGS

LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				PREFORMED THERMOPLASTIC		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.	24" SOLID WHITE STOPBAR L.F.	WHITE R.R. CROSSING EA.	
0.000	0.019	RTE F					20	1	
0.019	0.258	RTE F				2,524	20	1	
0.258	0.423	RTE F		1,089					EB INTERM/WB SOLID
0.423	0.538	RTE F	160						
0.538	0.707	RTE F		1,115					EB SOLID/WB INTERM
0.707	2.128	RTE F			15,006				
2.128	2.239	RTE F		733					EB INTERM/WB SOLID
2.239	2.299	RTE F			634				
2.299	2.419	RTE F		792					EB SOLID/WB INTERM
2.419	2.459	RTE F			422				
2.459	2.599	RTE F		924					EB INTERM/WB SOLID
2.599	2.639	RTE F			422				
2.639	2.759	RTE F		792					EB SOLID/WB INTERM
2.759	2.899	RTE F		924					EB INTERM/WB SOLID
2.899	2.939	RTE F			422				
2.939	3.079	RTE F		924					EB SOLID/WB INTERM
3.079	3.299	RTE F			2,323				
3.299	3.468	RTE F		1,115					EB INTERM/WB SOLID
3.468	3.559	RTE F	130						
3.559	3.728	RTE F		1,115					EB SOLID/WB INTERM
3.728	3.737	RTE F			95				
3.737	3.918	RTE F		1,195					EB INTERM/WB SOLID
3.918	3.978	RTE F	80						
3.978	4.138	RTE F		1,056					EB SOLID/WB INTERM
4.138	4.322	RTE F			1,943				
0.019	4.322	RTE F				45,440			EDGE LINES
SUBTOTAL			370	11,774	23,791	45,440	40	2	
TOTAL				35,935		45,440	40	2	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

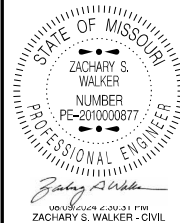
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RTE. F
MARION COUNTY
SUMMARY OF QUANTITIES SHEET
SHEET 3 OF 5

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 4 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	8	128.00	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 - 9 TOTAL						
2	W020-1	48 X 48	16.00	9	144.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	9	144.00	FLAGGER (SYMBOL)
11	W03-4	48 X 48	16.00	9	144.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	9	13.50	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
CONSTRUCTION SIGNS TOTAL					943.76	
CONSTRUCTION SIGNS TOTAL (USE)					944	

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)

NOTE: FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM
REFER TO STD. PLAN 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



DATE PREPARED 8/8/2024	
ROUTE VAR	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JST0106	
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)

QUANTITY TOTALS SUMMARY

REPLACEMENT OF DAMAGED PAVEMENT		
RTE	ITEM # 402-99.10 (TONS)	ITEM # 622-99.05 (SQ YD)
RTE Y	229.0	515.3
RTE P	98.3	221.2
RTE F	64.5	145.1
TOTAL	391.8	881.6

MODIFIED COLDMILLING (DEPTH TRANSITIONS)		
RTE	WIDTH (FT)	MODIFIED COLDMILLING (SY)
RTE Y	21	817
RTE P	21	142
RTE F	20	724
	TOTAL	1683

TACK COAT		
RTE	LENGTH (MI)	TACK COAT (GAL)
RTE Y	14.779	14649.4
RTE P	6.362	6276.2
RTE F	4.322	4067.4
	TOTAL	24993
	USE	24993

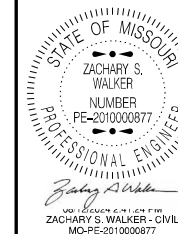
COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (<3 IN. THICK)		
RTE	WIDTH (FT)	COLDMILLING (SY)
RTE Y	21	-
RTE P	21	-
RTE F	20	215
	TOTAL	215

AGGREGATE ENTRANCES			
RTE	NUMBER OF SMALL ENTRANCES (2 TONS PER)	NUMBER OF LARGE ENTRANCES (4 TONS PER)	GRAVEL A, CRUSHED STONE B (0.039 TON/SY/INCH TONS)
RTE Y	101	20	282
RTE P	64	14	188
RTE F	30	9	96
		TOTAL	566

PAVEMENT MARKING					
RTE	LENGTH (MILES)	4" YELLOW CENTERLINE (L.F.)	4" WHITE EDGELINE (L.F.)	24" SOLID WHITE STOP BAR (L.F.)	WHITE R.R. CROSSING (EA.)
RTE Y	14.767	132,723	-	-	-
RTE P	3.632	61,534	-	-	-
RTE F	4.322	35,935	45,440	40	2
	TOTAL	230192	45440	40	2

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
8/12/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
NE 3

COUNTY
VARIOUS

JOB NO.
JST0106

CONTRACT ID.

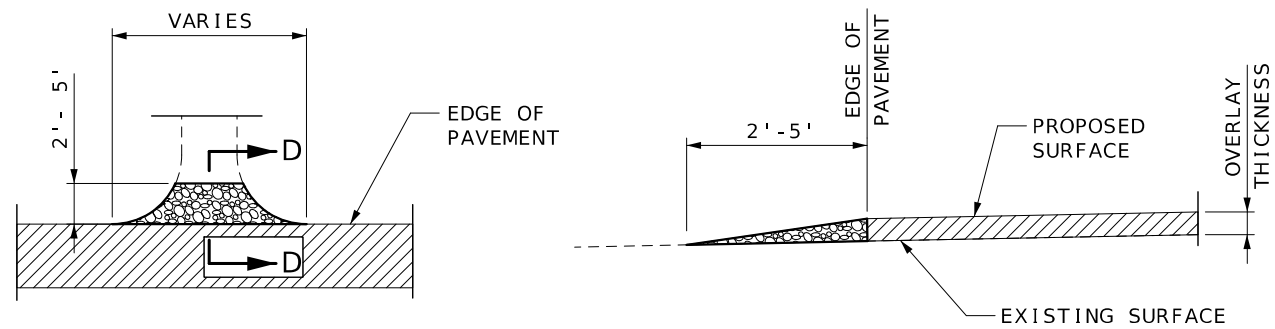
PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

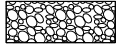
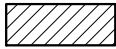


 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

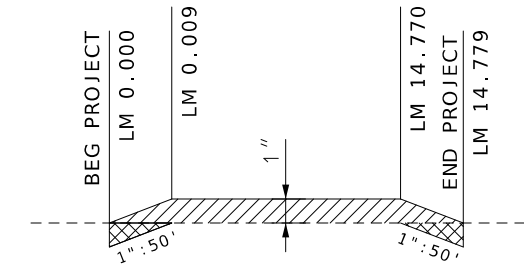
RTE Y, P, F
 LEWIS/MARION COUNTY
 SUMMARY OF QUANTITIES SHEET
 SHEET 5 OF 5



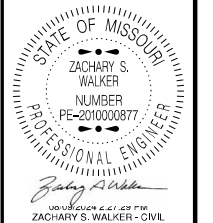
SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)

LEGEND

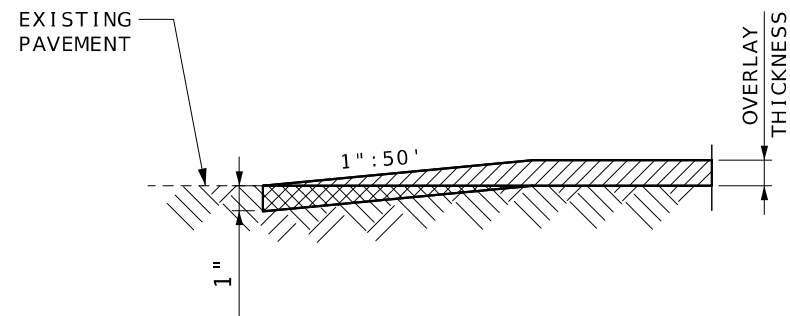
-  GRAVEL OR CRUSHED STONE
-  OVERLAY
-  MODIFIED COLDMILLING
-  CONCRETE PAVEMENT



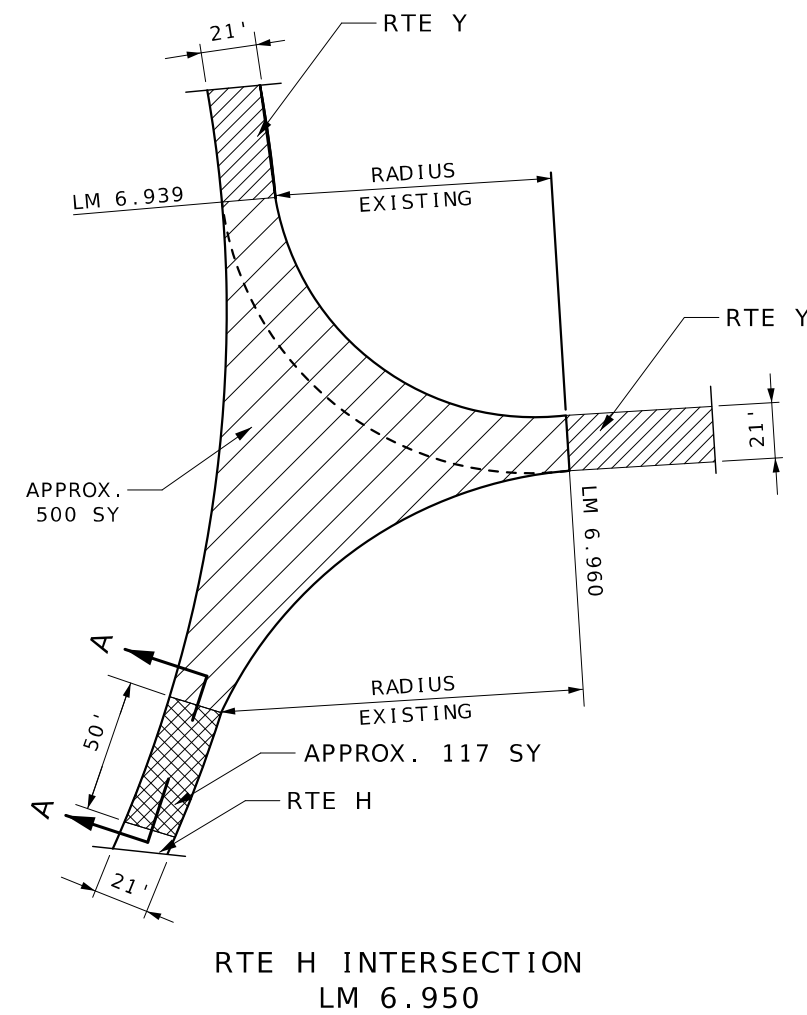
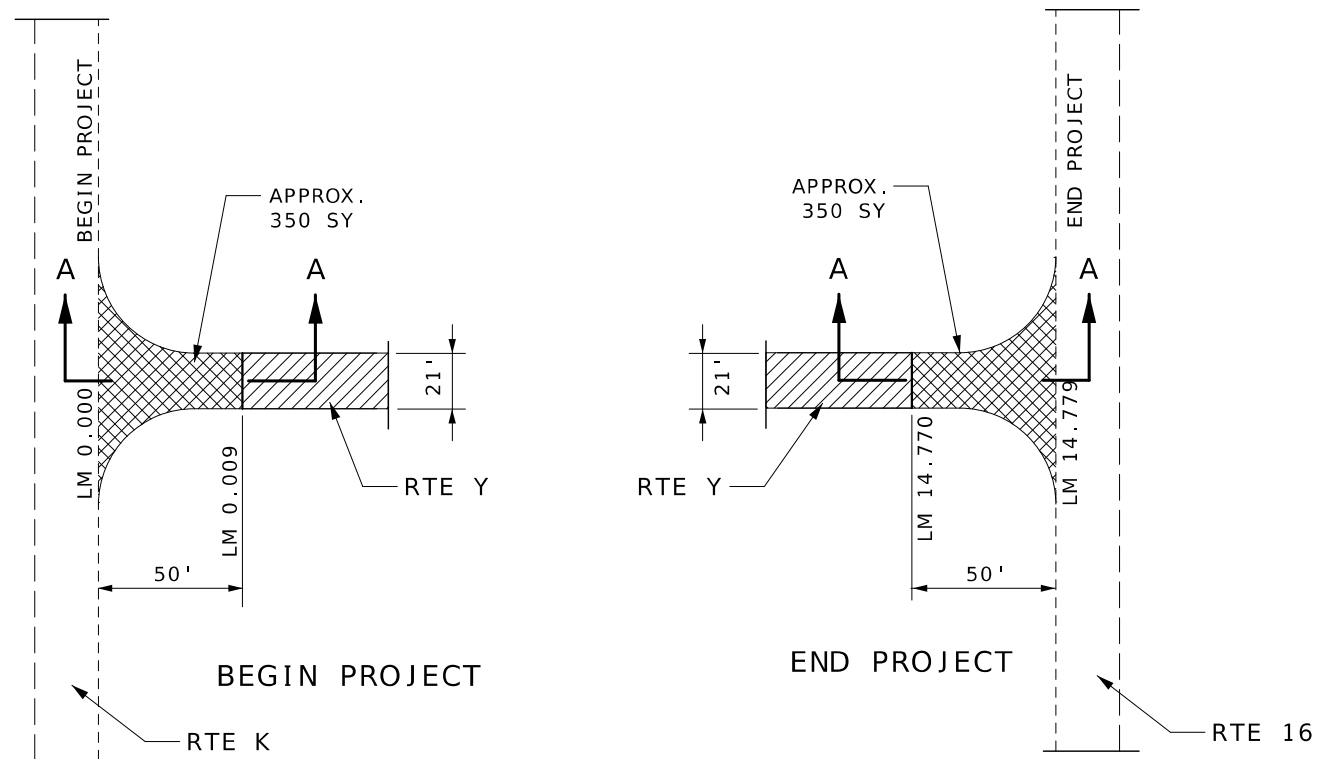
LONGITUDINAL TRAVELWAY
DEPTH TRANSITION



DATE PREPARED	
8/8/2024	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
NE	4
COUNTY	
VARIOUS	
JOB NO.	
JST0106	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



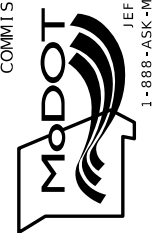
SECTION A-A
TRAVELWAY DEPTH TRANSITIONS



RTE H INTERSECTION
LM 6.950

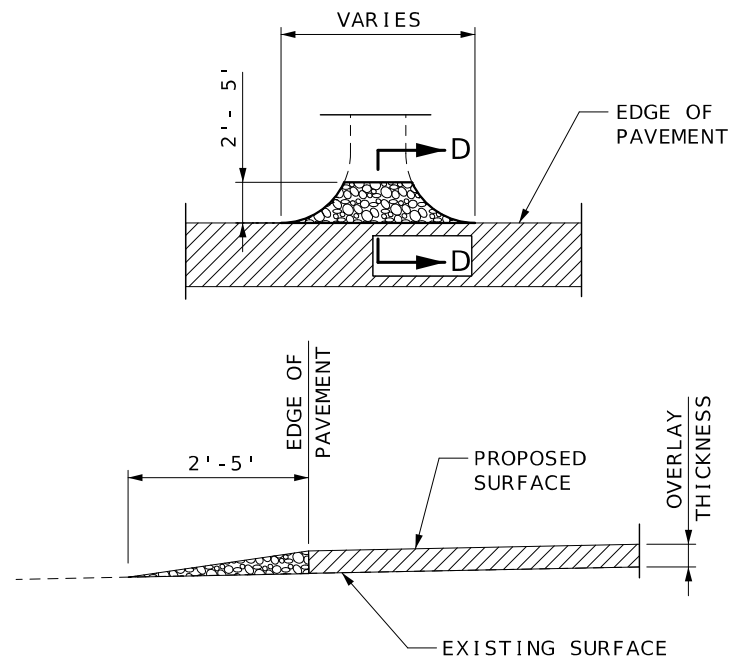
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

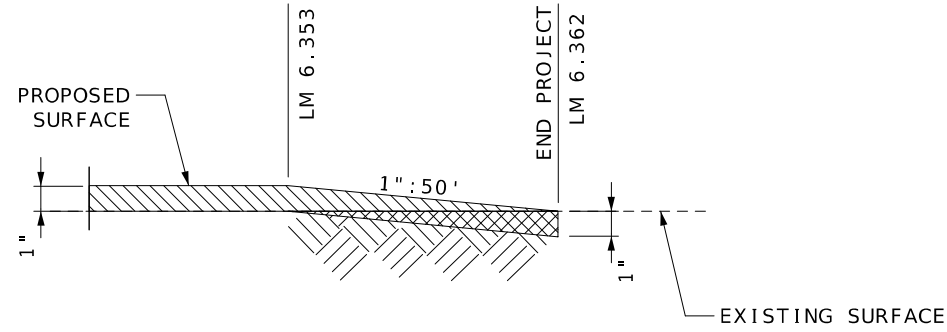


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

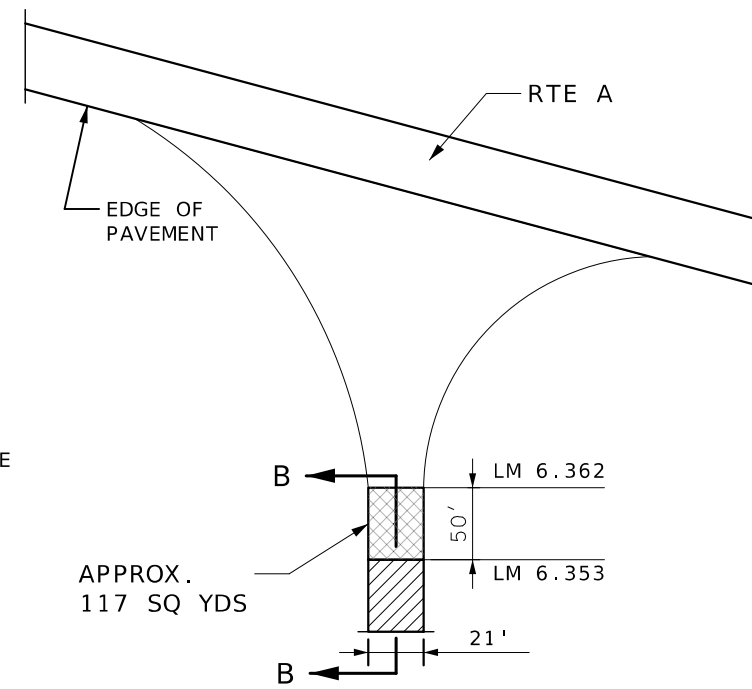
RTE Y
LEWIS COUNTY
SPECIAL SHEET
SHEET 1 OF 4
NOT TO SCALE



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

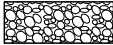


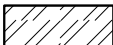


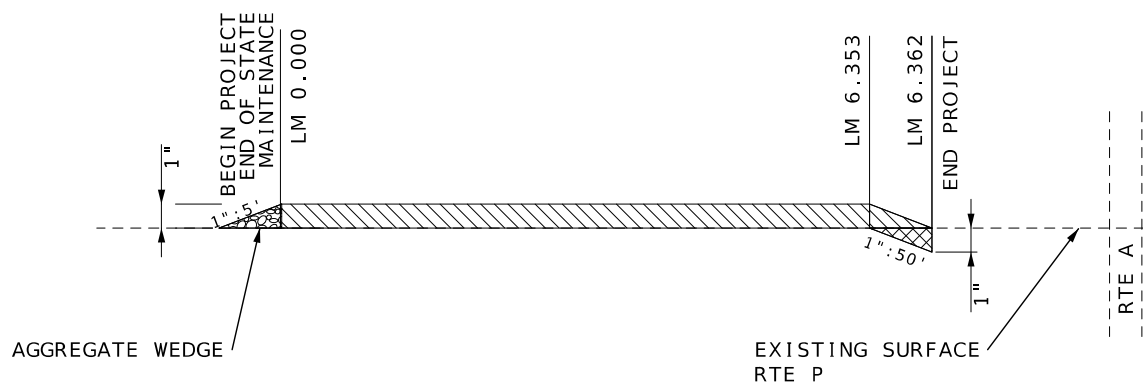
SECTION B-B
TRAVELWAY DEPTH TRANSITIONS



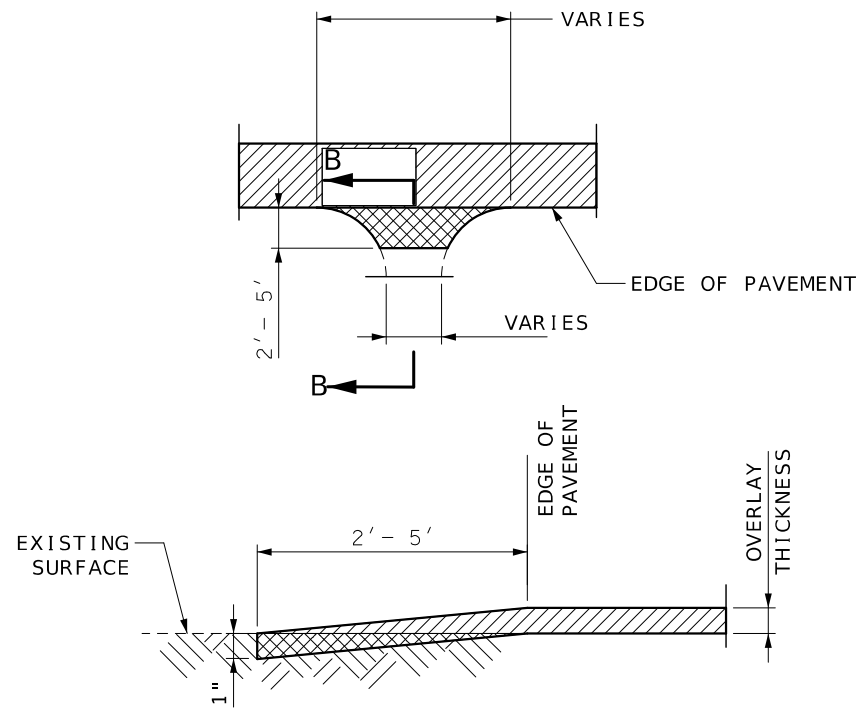
END PROJECT L.M. 6.362

LEGEND

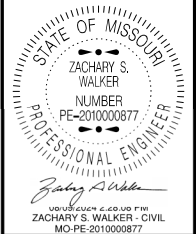
-  GRAVEL OR CRUSHED STONE
-  OVERLAY
-  MODIFIED COLDMILLING
-  COLDMILL AND OVERLAY



LONGITUDINAL TRAVELWAY DEPTH TRANSITION



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

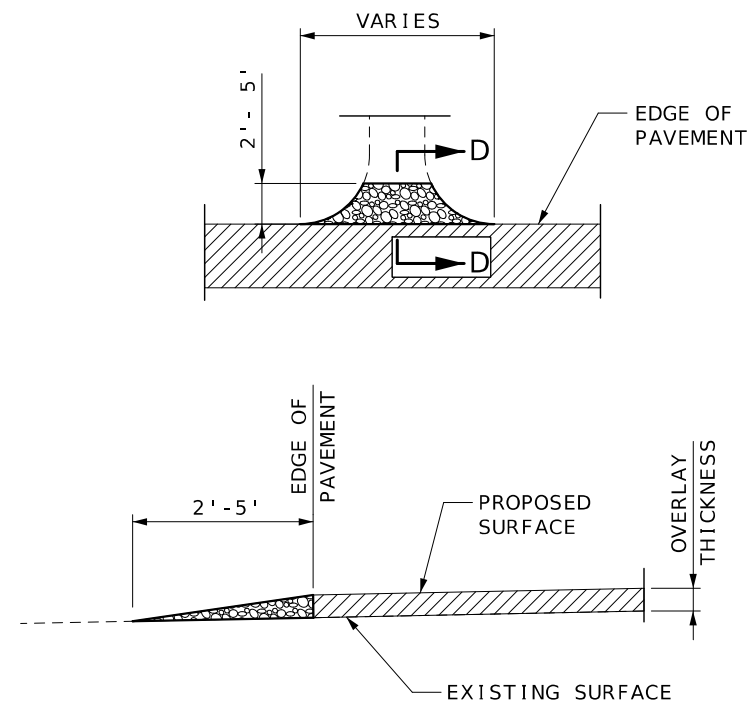


STATE OF MISSOURI
ZACHARY S. WALKER
NUMBER
PE-201000877
PROFESSIONAL ENGINEER
DATE PREPARED
8/8/2024
ROUTE VAR STATE MO
DISTRICT NE SHEET NO. 5
COUNTY VARIOUS
JOB NO. JST0106
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

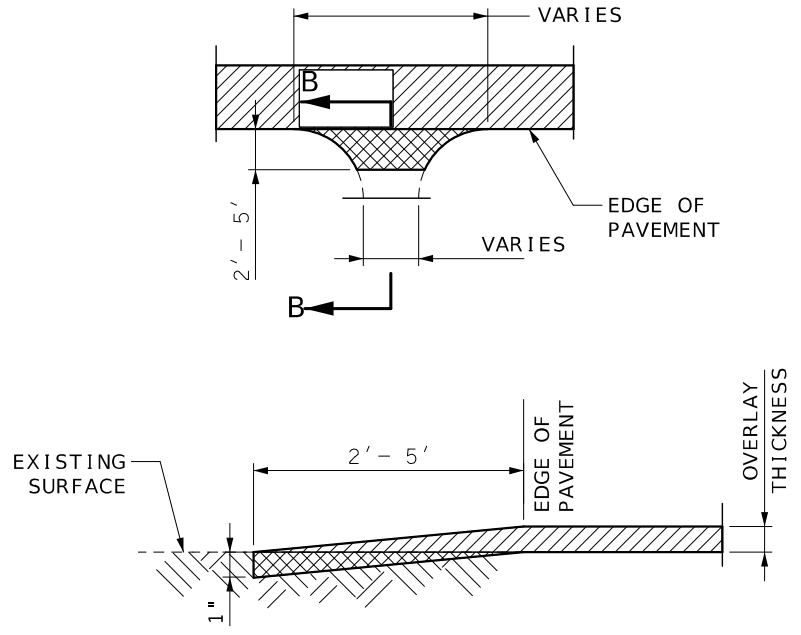
DESCRIPTION	DATE

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

RTE P
MARION COUNTY
SPECIAL SHEET
SHEET 2 OF 4
NOT TO SCALE



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



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

LEGEND

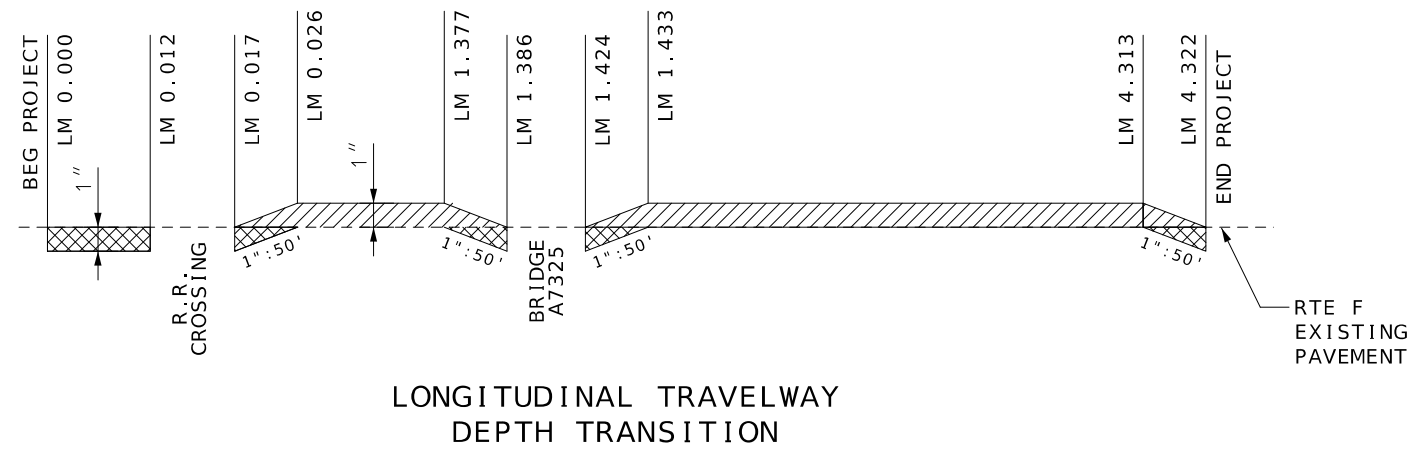
	GRAVEL OR CRUSHED STONE
	OVERLAY
	MODIFIED COLDMILLING
	CONCRETE PAVEMENT

STATE OF MISSOURI
 ZACHARY S. WALKER
 NUMBER PE-201000877
 PROFESSIONAL ENGINEER
 DATE PREPARED 8/8/2024
 ROUTE VAR STATE MO
 DISTRICT NE SHEET NO. 6
 COUNTY VARIOUS
 JOB NO. JST0106
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

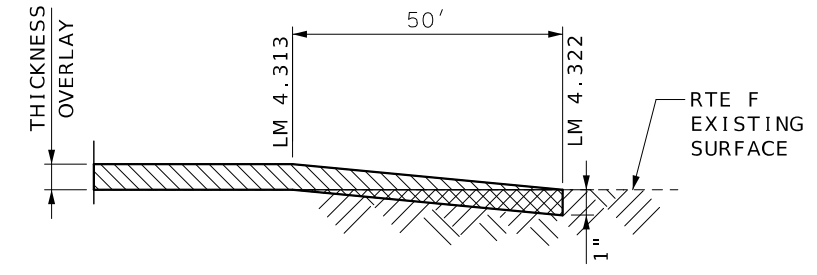
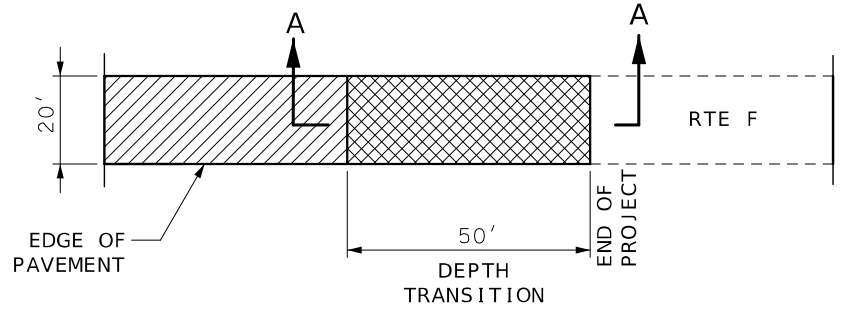
DATE	DESCRIPTION

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

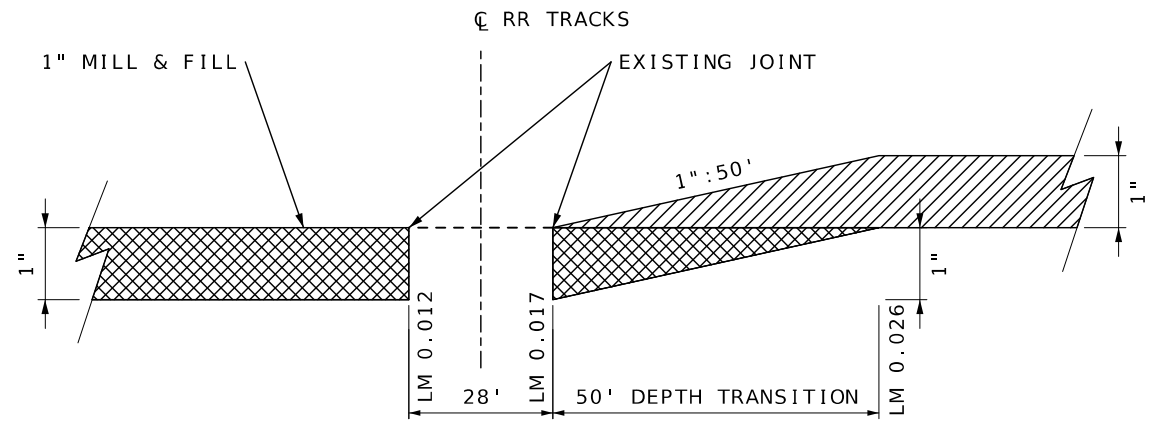
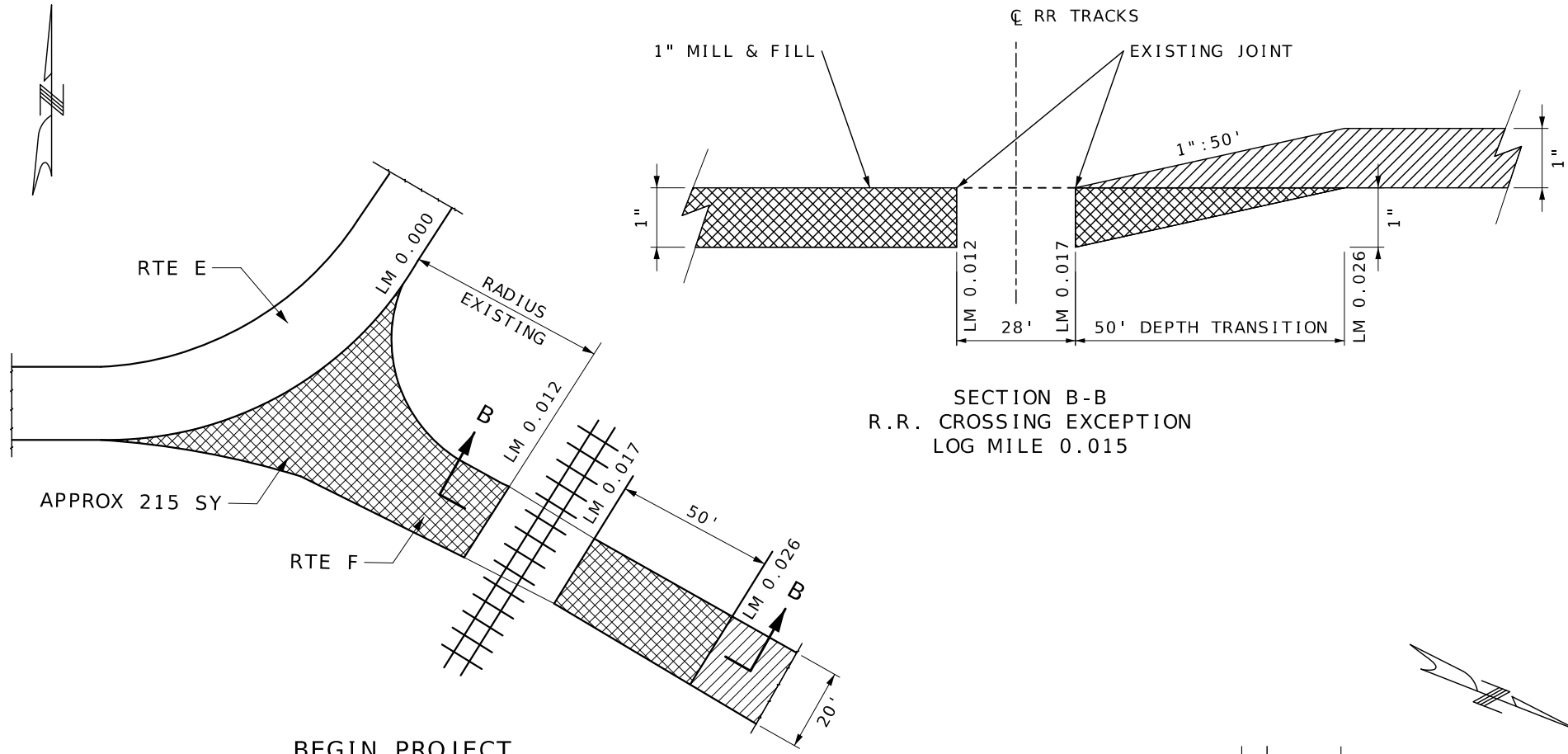
RTE F
 MARION COUNTY
 SPECIAL SHEET
 SHEET 3 OF 4
 NOT TO SCALE



**LONGITUDINAL TRAVELWAY
 DEPTH TRANSITION**



SECTION A-A
 END PROJECT
 LM 4.322

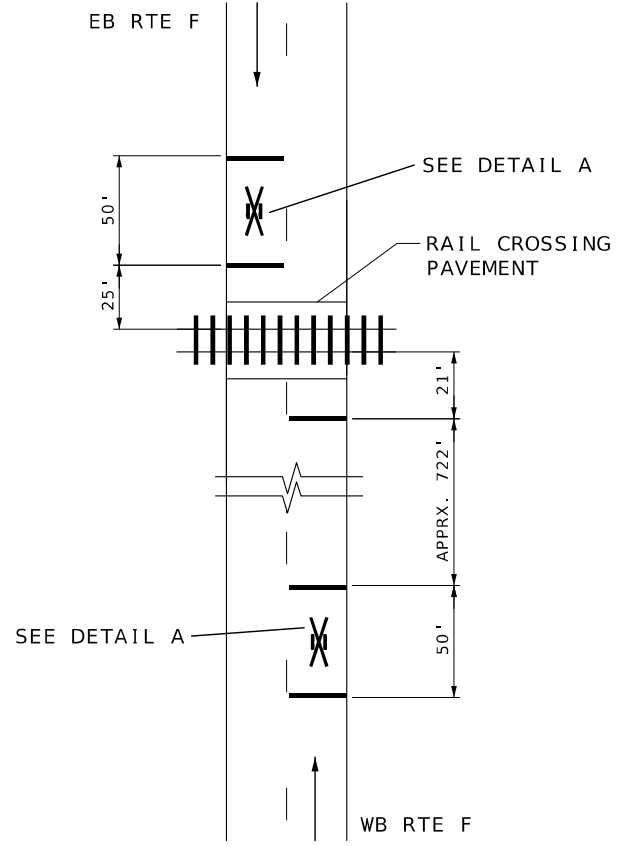


SECTION B-B
R.R. CROSSING EXCEPTION
LOG MILE 0.015

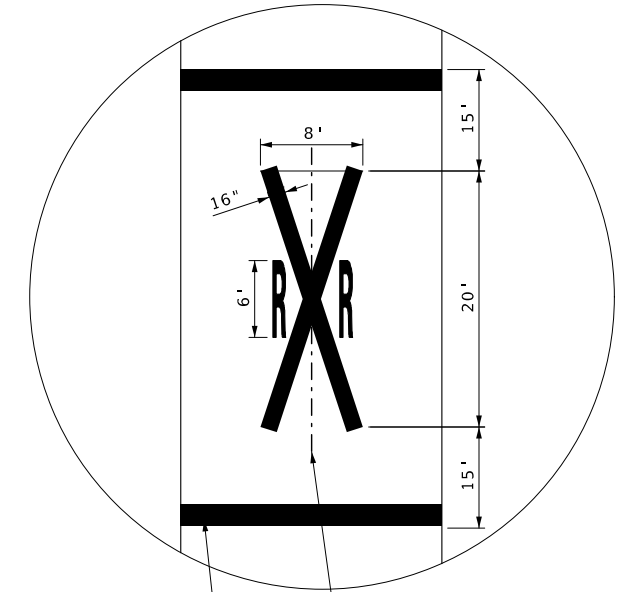
BEGIN PROJECT

LEGEND

- OVERLAY
- MODIFIED COLDMILLING



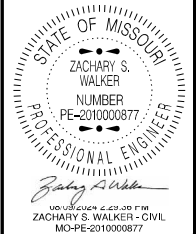
R.R. CROSSING EXCEPTION
LOG MILE 0.015



DETAIL A

NOTE:
LOG MILES AND DISTANCES ARE APPROXIMATE.
SEE JOB SPECIAL PROVISIONS FOR RAILROAD REQUIREMENTS.

ACTUAL LIMITS OF RESURFACING MAY BE ADJUSTED IN THE
FIELD AS DIRECTED BY RAILROAD FIELD REPRESENTATIVE.



DATE PREPARED 8/8/2024	
ROUTE VAR	STATE MO
DISTRICT NE	SHEET NO. 7
COUNTY VARIOUS	
JOB NO. JST0106	
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 F
MARION COUNTY
SPECIAL SHEET
SHEET 4 OF 4
NOT TO SCALE