DESIGN DESIGNATION

A.A.D.T. - 2025 = 876

V = 55 M.P.H.

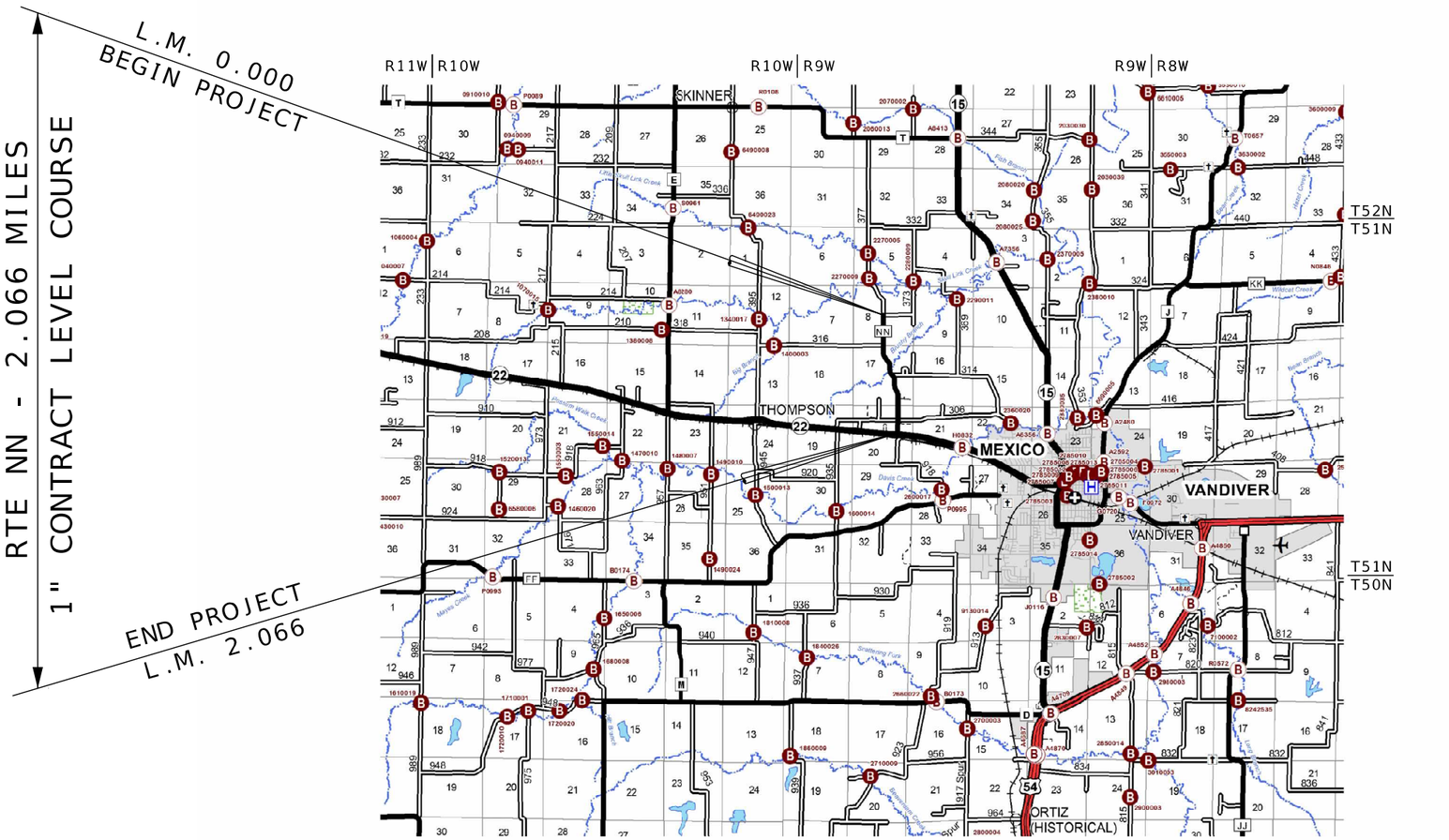
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

AUDRAIN COUNTY

T51N R9W S8,17,20

KEY MAP
LOCATION OF xxx COUNTY



INDEX OF SHEETS

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

LENGTH OF PROJECT

BEGINNING OF PROJECT	L.M. 0.000	
END OF PROJECT	L.M. 2.066	
APPARENT LENGTH	2.066	MILES
EQUATIONS AND EXCEPTIONS:		
TOTAL CORRECTIONS	0.000	
NET LENGTH OF PROJECT	2.066	MILES
STATE LENGTH	2.066	MILES

STATE OF MISSOURI
BRIAN UNTIEDT
NUMBER PE-2009001137
PROFESSIONAL ENGINEER
08/11/2025 4:43:44 PM
BRIAN UNTIEDT - CIVIL
MO-PE-2009001137

DATE PREPARED
8/11/2025

ROUTE	STATE
NN	MO
DISTRICT	SHEET NO.
NE	1

COUNTY
AUDRAIN

JOB NO.
JNE0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

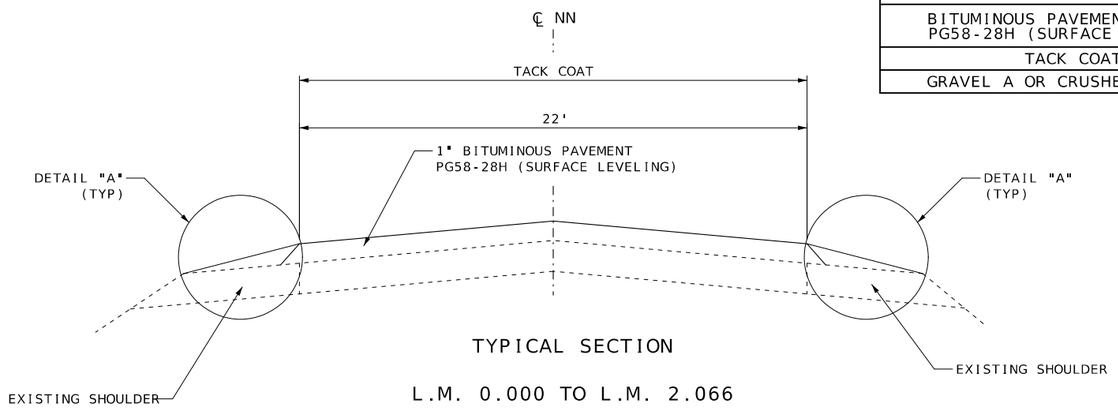
DESCRIPTION	DATE

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

TITLESHEET

NOT TO SCALE

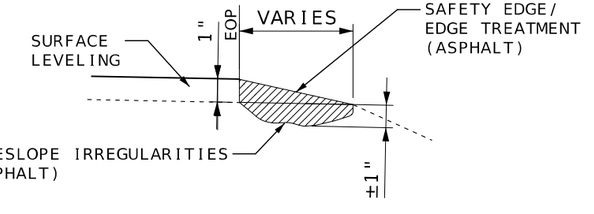
INFORMATIONAL PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)	1.948 TON/YD³
TACK COAT	.08 GAL/YD²
GRAVEL A OR CRUSHED STONE B	1.40 TON/YD³



TYPICAL SECTION

L.M. 0.000 TO L.M. 2.066

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

STATE OF MISSOURI
BRIAN UNTIEDT
NUMBER PE-2009001137
PROFESSIONAL ENGINEER
08/11/2025 4:43:29 PM
BRIAN UNTIEDT - CIVIL
MO-PE-2009001137

DATE PREPARED
8/11/2025

ROUTE	STATE
NN	MO
DISTRICT	SHEET NO.
NE	2

COUNTY
AUDRAIN

JOB NO.
JNE0062

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)

TYPICAL SECTION
SHEET 1 OF 1

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 - 7 TOTAL						
2	W020-1	48 X 48	16.00	7	112.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	7	112.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	7	112.00	FLAGGER (SYMBOL)
58	G020-4a	18 X 12	1.50	7	10.50	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
7	W020-4	48 X 48	16.00	0	0.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	0	0.00	FLAGGER (SYMBOL)
58	G020-4a	42 X 30	8.75	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
				TOTAL	748.76	FOR INFORMATIONAL
				CHANNELIZERS (TRIM-LINE)	100.00	PURPOSES ONLY

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

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
0.000	-	-	-	2.73	AGGREGATE TAPERS AT BEGINNING OF PROJECT
0.000	2.066	27	2.0	54.0	PRIVATE AND FIELD ENTRANCES
0.000	2.066	10	4.0	40.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
0.000	2.066	13	1.0	13.0	MAILBOX TURNOUTS
			TOTAL	110.0	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

LOG MILE	LOG MILE	NET LENGTH FEET	AVERAGE WIDTH FEET	DEPTH INCHES	MODIFIED COLDMILLING SY	REMARKS
2.057	2.066	50.00	22.00	1.00	122	END OF PROJECT
				TOTALS	122	

PAVEMENT MARKINGS

LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) 4" YELLOW INTERMITTENT CENTERLINE (LF)	4" YELLOW SOLID/INTERMITTENT CENTERLINE (LF)	4" YELLOW DOUBLE SOLID CENTERLINE (LF)	4" WHITE SOLID EDGELINE (LF)	REMARKS
0.000	0.399	RTE NN	530	-	-	-	
0.399	0.559	RTE NN	-	1056	-	-	SBL SOLID AND NBL INTERMITTENT
0.559	1.397	RTE NN	-	-	8849	-	
1.397	1.698	RTE NN	-	1987	-	-	SBL INTERMITTENT AND NBL SOLID
1.698	2.075	RTE NN	-	-	3981	-	
0.000	2.066	RTE NN				21,817	EDGELINE
		SUBTOTAL	530	3,043	12,830	21,817	
		TOTAL	16,403			21,817	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING							

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

LOG MILE	LOG MILE	LENGTH (FT)	AVG THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	REMARKS
0.000	2.066	10908.48	1.00	22	26665	1442.9	2133.2	
BEG	END							
0.000	2.066	10908.48	-	-	-	131.2	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.000	2.066	10908.48	-	-	-	309.9	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
					SUBTOTAL	1,884.0	2,133.2	
					TOTAL	1,884.0	2,133	

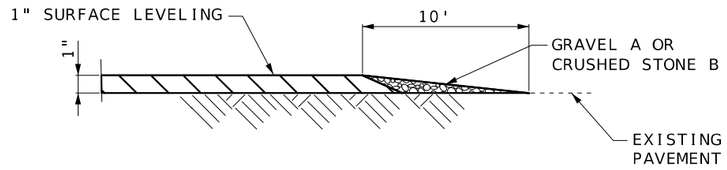
STATE OF MISSOURI
BRIAN UNTIEDT
NUMBER PE-2009001137
PROFESSIONAL ENGINEER
08/11/2025 4:43:14 PM
BRIAN UNTIEDT - CIVIL
MO-PE-2009001137

DATE PREPARED: 8/11/2025
ROUTE: NN | STATE: MO
DISTRICT: NE | SHEET NO.: 3
COUNTY: AUDRAIN
JOB NO.: JNE0062
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

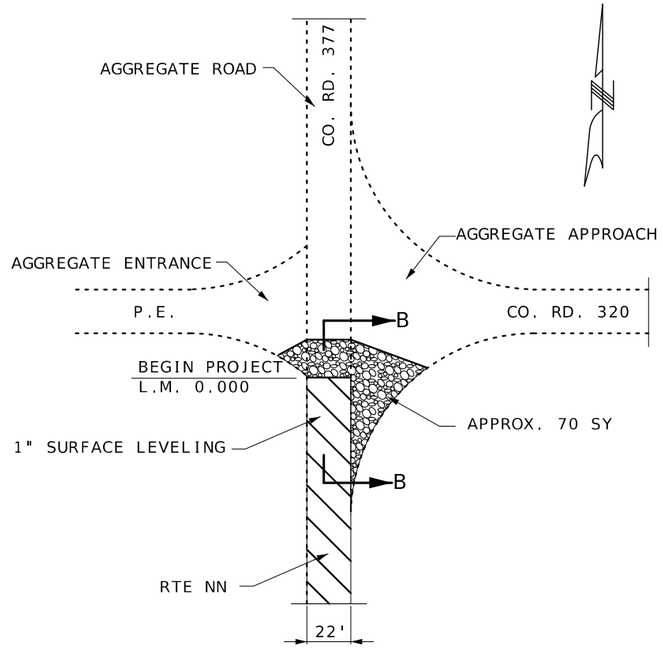
DESCRIPTION | DATE

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

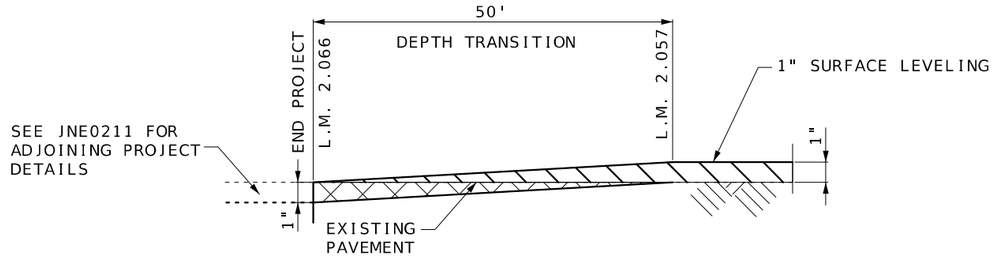
SUMMARY OF QUANTITIES
SHEET 1 OF 1



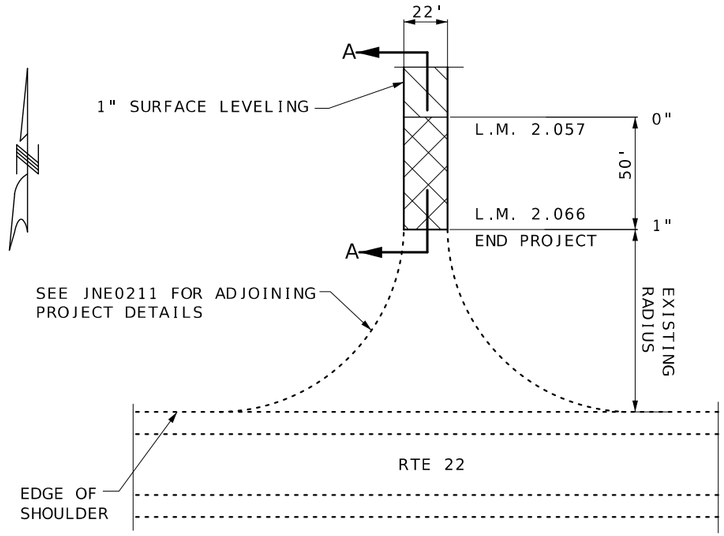
SECTION B-B



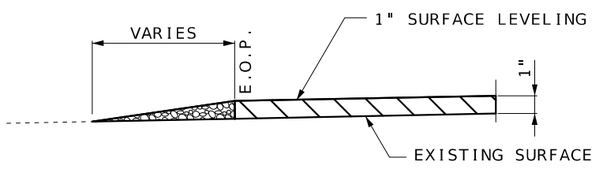
BEGIN PROJECT



SECTION A-A



TYPICAL STATE ROUTE JUNCTION
END PROJECT



SECTION C-C

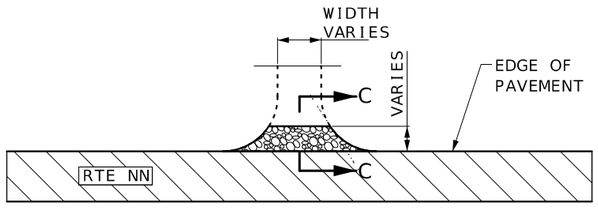
LEGEND

1" BP PG58-28 (SURFACE LEVELING)

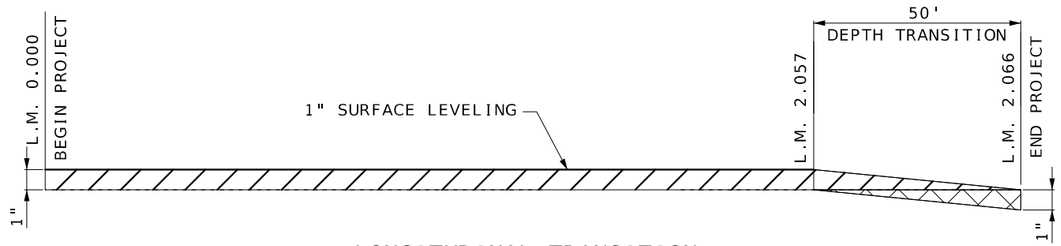
GRAVEL A OR CRUSHED STONE B

MODIFIED COLDMILLING

NOTE:
NOT TO SCALE



TYPICAL ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES
CITY STREET OR COUNTY ROAD)



LONGITUDINAL TRANSITION
RTE. NN

STATE OF MISSOURI
BRIAN UNTIEDT
NUMBER
PE-2009001137
PROFESSIONAL ENGINEER
09/26/2025 9:49:15 AM
BRIAN UNTIEDT - CIVIL
MO-PE-2009001137

DATE PREPARED
9/26/2025

ROUTE	STATE
NN	MO
DISTRICT	SHEET NO.
NE	4

COUNTY
AUDRAIN

JOB NO.
JNE0062

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)

SPECIAL SHEET
SHEET 1 OF 1