

DESIGN DESIGNATION

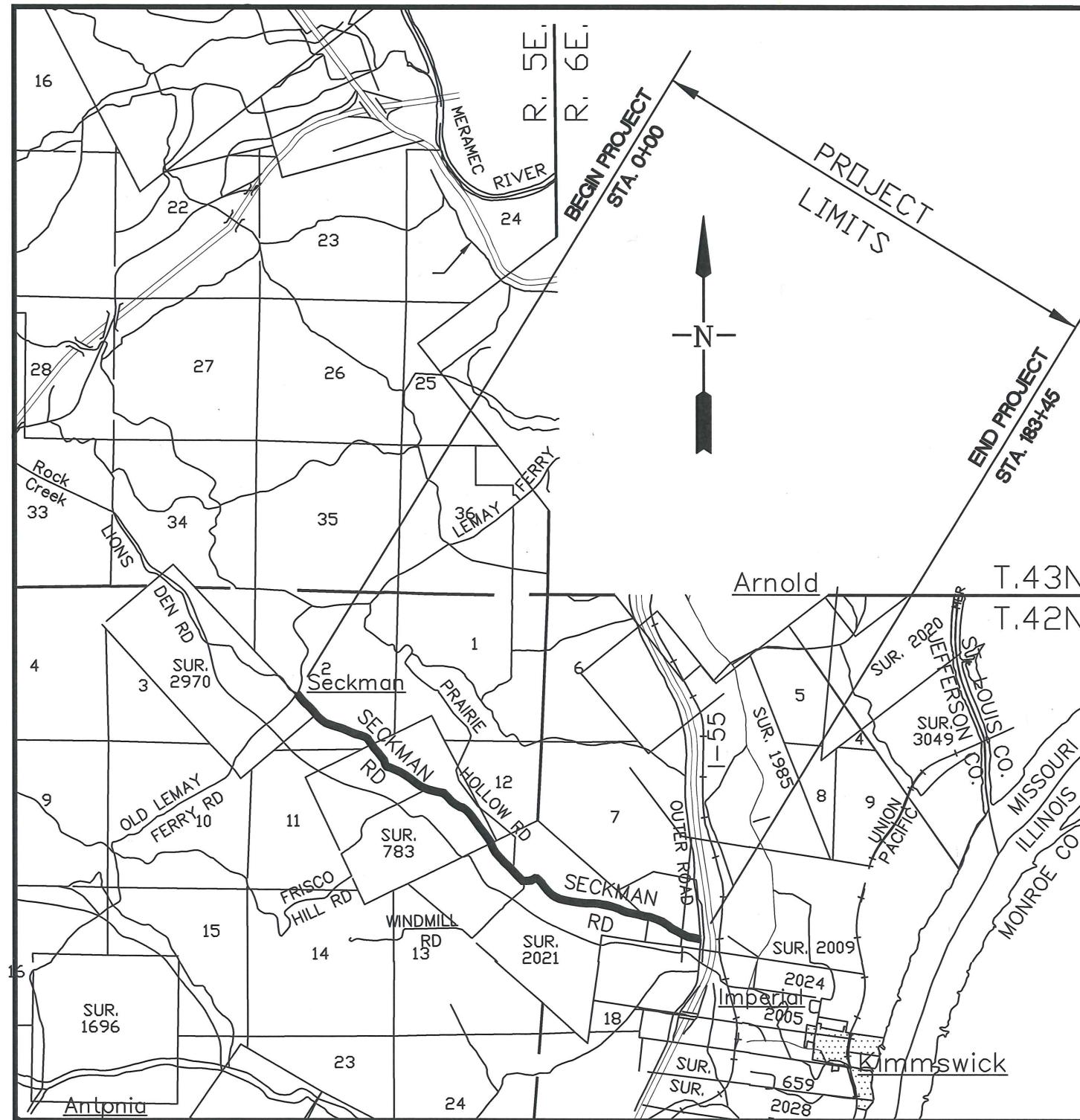
A.D.T. - 5218  
A.D.T. - 6500 FUTURE  
T = 7%  
CLASSIFICATION: MINOR ARTERIALS  
CURRENT POSTED SPEED 35 M.P.H.  
PROPOSED POSTED SPEED 35 M.P.H.

CONVENTIONAL SIGNS

BUILDINGS AND STRUCTURES	
RIGHT-OF-WAY MARKERS	
STEEL RIGHT-OF-WAY MARKERS	
LIGHTPOLE	
UTILITY POLE	
BENCHMARK	
TREE	
FENCE	
EXIST. DROP INLET	
EXIST. SIGN	
ELECTRIC METER	
ELECTRIC PEDESTAL	
FIRE HYDRANT	
MAILBOX	
SANITARY SEWER MANHOLE	
TELEPHONE PEDESTAL	
UTILITY MANHOLE	
WATER METER	
WATER VALVE	
EASEMENT	
CONTOURS	
OVERHEAD ELECTRIC	
UTILITIES	
TELEPHONE	
GAS	
WATER	
PROPERTY LINE	
SOIL BORING	
ROCK BLANKET	

NOTE: DASHED OR OPEN SYMBOLS INDICATES EXISTING FEATURES.

JEFFERSON COUNTY, MISSOURI  
CONSTRUCTION PLANS  
FOR SECKMAN ROAD -  
PAVEMENT PRESERVATION  
STP - 5403 (655)



SCALE: 1" = 1 MILE

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE & INDEX	1
TYPICAL PAVEMENT SECTION	2
SUMMARY OF QUANTITIES	2B (6 SHEETS)
STRIPING & TRAFFIC CONTROL PLAN	3 - 24



DATE PREPARED  
12/31/2013

STATE  
MO

HEET NO  
1

COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

FEDERAL PROJECT NO

STP-5403(655)



JEFFERSON COUNTY  
MISSOURI  
DIRECTOR OF PUBLIC WORKS  
JASON JONAS

APPROVED:

1/10/14

DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 0+00

END OF PROJECT STA. 183+45.00

APPARENT LENGTH 18,345.0 FEET

EQUATIONS AND EXCEPTIONS:

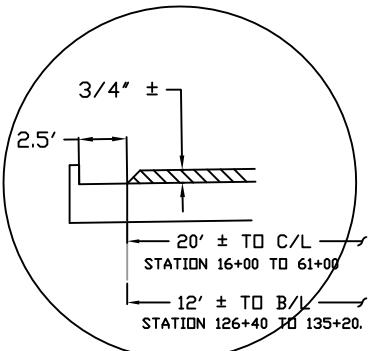
TOTAL CORRECTIONS 0.0 FEET

STATE LENGTH 3.47 MILES

FEDERAL LENGTH 3.47 MILES

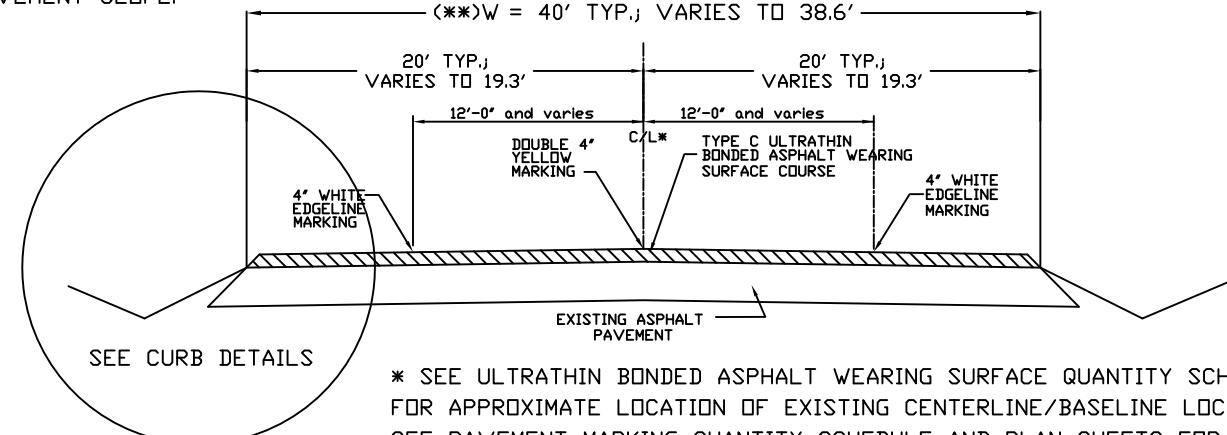
SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

NEW WEARING SURFACE SHALL GENERALLY MATCH EXISTING PAVEMENT SLOPE.  
SLOPE SHALL BE ADJUSTED AS NECESSARY TO ACCOMMODATE  
MILLED TRANSITION AREAS.



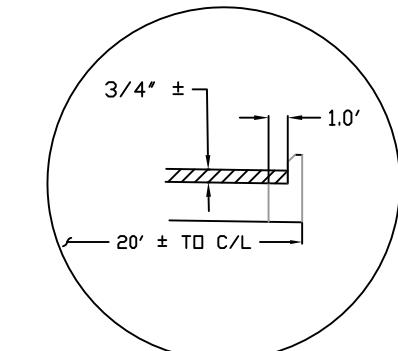
TYPICAL CURB DETAIL STATION 16+00 TO 61+00  
AND STATION 126+37 TO 135+18.

PLACE ULTRATHIN BONDED ASPHALT WEARING SURFACE  
TO JOINT LINE WHERE PAVEMENT MEETS CURB FLAG

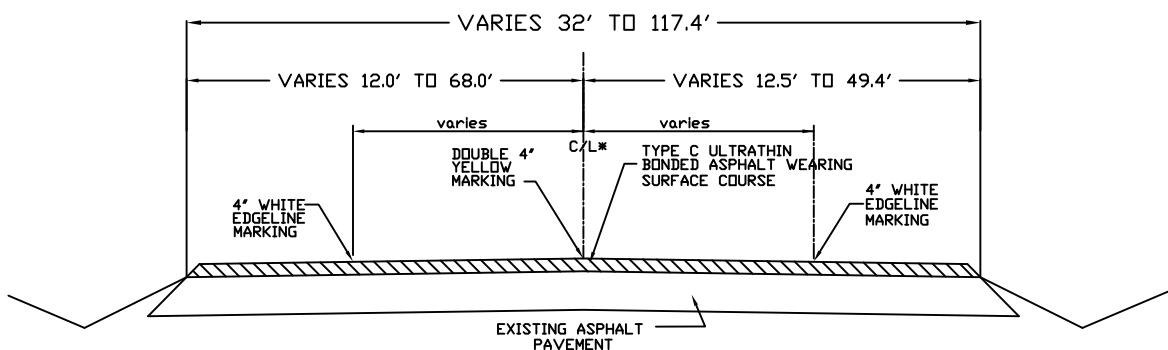


\* SEE ULTRATHIN BONDED ASPHALT WEARING SURFACE QUANTITY SCHEDULE  
FOR APPROXIMATE LOCATION OF EXISTING CENTERLINE/BASELINE LOCATION.  
SEE PAVEMENT MARKING QUANTITY SCHEDULE AND PLAN SHEETS FOR  
APPROXIMATE LOCATION OF TURN LANE MARKING LAYOUT.

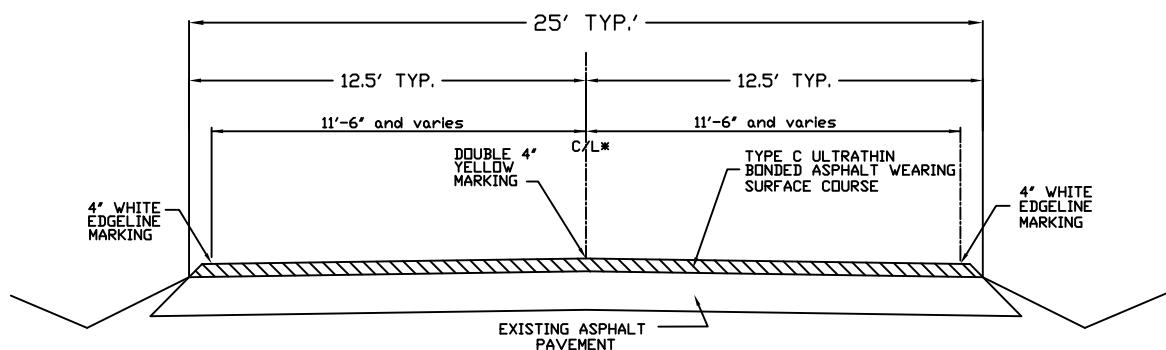
STATION 2+60 TO 6+00  
STATION 29+48 TO 126+37  
STATION 177+54 TO 179+63  
(\*\*) STATION 25+60 TO 27+78; W=52'



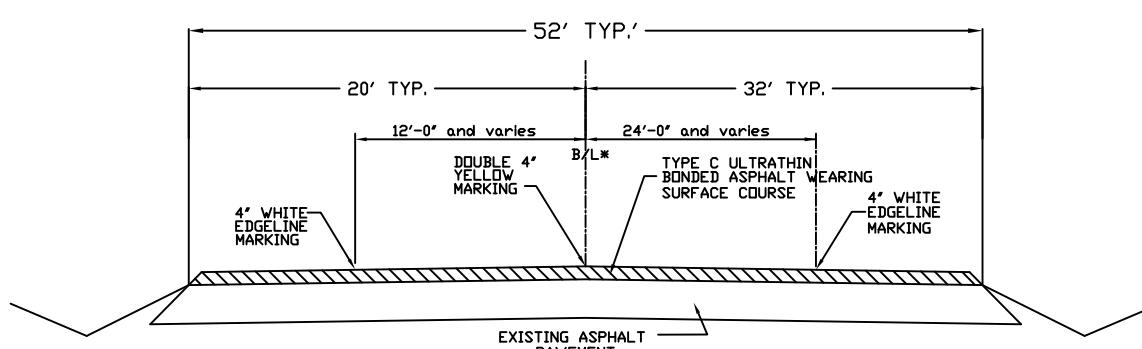
TYPICAL CURB DETAIL STATION 61+00 TO 126+37  
AND STATION 174+56 TO 176+56  
OVERLAP CURB FLAG WITH ULTRATHIN BONDED  
ASPHALT WEARING SURFACE TO CURB FACE.



STATION 0+00 TO 2+60; VAR 117.4' TO 40'  
STATION 6+00 TO 25+60; VAR 40' TO 66.7' TO 52'  
STATION 27+78 TO 29+48; VAR 52' TO 40'  
STATION 126+37 TO 126+65; VAR 40' TO 32'  
STATION 135+18 TO 136+42; VAR 34' TO 25'  
STATION 174+06 TO 175+26; VAR 25' TO 32'  
STATION 176+56 TO 177+54; VAR 32' TO 40'  
STATION 179+63 TO 181+42; VAR 40' TO 52'

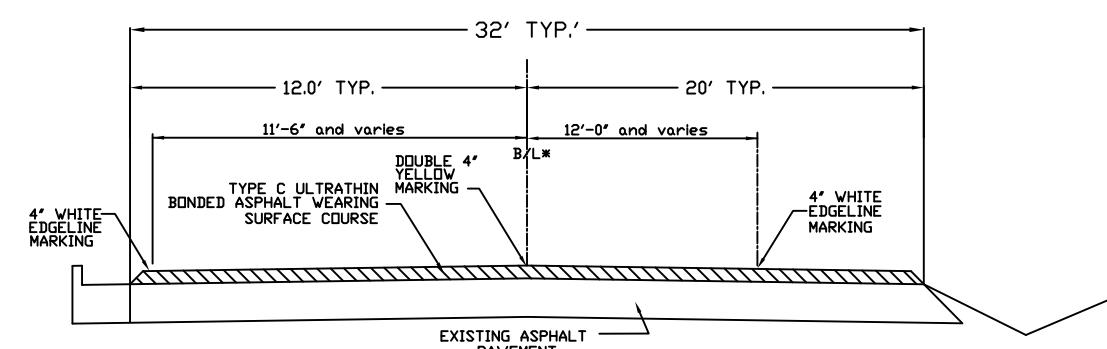


STATION 136+42 TO 174+06



NOT TO SCALE

STATION 181+42 TO 183+45



STATION 126+65 TO 135+18  
STATION 175+26 TO 176+56

TYPICAL SECTIONS SHEET 1 OF 1



DATE PREPARED  
12/31/2013

STATE  
MO

SHEET NO.  
2

COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

DATE

# ULTRATHIN BONDED ASPHALT WEARING SURFACE - TYPE C

STATION	DISTANCE FROM CENTERLINE / BASELINE		TOTAL WIDTH	AREA (SQ FT)	AREA (SQ YD)
	LT EDGE OF SHOULDER	RT EDGE OF SHOULDER			
0+00	68.0	49.4	117.4		
0+10	42.0	41.5	83.5	1004.5	111.6
0+20	32.8	37.9	70.7	771.0	85.7
0+30	28.0	35.4	63.4	670.5	74.5
0+40	26.1	33.2	59.3	613.5	68.2
0+50	26.2	31.1	57.3	583.0	64.8
0+60	26.9	29.7	56.6	569.5	63.3
1+00	28.3	27.0	55.3	2238.0	248.7
2+00	24.0	22.0	46.0	5065.0	562.8
2+60	20.0	20.0	40.0	2580.0	286.7
6+00	20.0	20.0	40.0	13600.0	1511.1
7+00	20.0	24.0	44.0	4200.0	466.7
7+50	22.0	24.0	46.0	2250.0	250.0
8+00	24.3	32.1	56.4	2560.0	284.4
8+50	25.7	37.7	63.4	2995.0	332.8
9+00	26.0	40.5	66.5	3247.5	360.8
10+00	26.0	41.3	67.3	6690.0	743.3
11+00	26.0	40.7	66.7	6700.0	744.4
11+50	26.0	40.7	65.1	3295.0	366.1
13+20	26.0	38.0	64.0	10973.5	1219.3
24+33	26.0 / 28.5	38.0	64.0 / 66.5	71232.0	7914.7
24+50	28.5	38.0	66.5	1130.5	125.6
25+48	28.5 / 26.0	27.4	55.9 / 53.4	5997.6	666.4
25+60	26.0	26.0	52.0	711.0	79.0
27+78	26.0	26.0	52.0	12916.5	1435.2
29+48	20.0	20.0	40.0	7820.0	868.9
64+60	20.0	20.0 / 19.3	40.0 / 39.3	140480.0	15608.9
66+78	20.0	19.3 / 20.0	39.3 / 40.0	8567.4	951.9
67+40	20.0	20.0 / 19.3	40.0 / 39.3	2480.0	275.6
69+10	20.0	19.3 / 20.0	39.3 / 40.0	6681.0	742.3
77+90	20.0	20.0 / 19.3	40.0 / 39.3	35200.0	3911.1
81+19	20.0	19.3 / 20.0	39.3 / 40.0	12929.7	1436.6
82+94	20.0	20.0 / 19.3	40.0 / 39.3	7000.0	777.8
87+36	20.0	19.3 / 20.0	39.3 / 40.0	17370.6	1930.1

STATION	DISTANCE FROM CENTERLINE / BASELINE		TOTAL WIDTH	AREA (SQ FT)	AREA (SQ YD)
	LT EDGE OF SHOULDER	RT EDGE OF SHOULDER			
101+69	20.0	20.0 / 19.3	20.0 / 19.3	40.0 / 39.3	57320.0 / 6368.9
102+60	20.0 / 19.3	19.3	39.3 / 38.6	3576.3	397.4
104+32	19.3	19.3 / 20.0	38.6 / 39.3	6639.2	737.7
108+48	19.3 / 20.0	20.0	39.3 / 40.0	16348.8	1816.5
112+70	20.0 / 19.3	20.0	40.0 / 39.3	16880.0	1875.6
113+65	19.3 / 20.0	20.0	39.3 / 40.0	3733.5	414.8
117+22	20.0	20.0 / 19.3	40.0 / 39.3	14280.0	1586.7
120+20	20.0	19.3 / 20.0	39.3 / 40.0	11711.4	1301.3
126+37	20.0	20.0	40.0	24680.0	2742.2
126+51	14.0	20.0	34.0	518.0	57.6
126+65	12.0	20.0	32.0	462.0	51.3
134+92	12.0	20.0	32.0	26464.0	2940.4
135+18	14.5 / 16.5	17.5	32.0 / 34.0	832.0	92.4
136+42	12.5	12.5	25.0	3658.0	406.4
174+06	12.5	12.5	25.0	94100.0	10455.6
175+26	12.0	20.0	32.0	3420.0	380.0
176+56	12.0	20.0	32.0	4160.0	462.2
177+54	20.0	20.0	40.0	3528.0	392.0
179+63	20.0	20.0	40.0	8360.0	928.9
181+42	20.0	32.0	52.0	8234.0	914.9
183+45	20.0	32.0	52.0	10556.0	1172.9
SECKMAN SPUR				657.0	73.0
ARROW RIDGE DRIVE				1288.0	143.1
SECKMAN SCHOOL WEST ENTRANCE				4310.0	478.9
THE EXISTING SURFACE TREATMENT BY THE SCHOOL X-WALK AREA SHALL BE THOROUGHLY BLADED CLEANED TO REMOVE ALL LOOSE MATERIAL. THE COST TO PREPARE THE EXISTING SURFACE SHALL BE INCLUDED IN THE PAY ITEM FOR THE ULTRATHIN BONDED ASPHALT WEARING SURFACE IN ACCORDANCE WITH ARTICLE 413.30.				TOTAL (SQ FT)	725,179.4 (SQ YD)
					80,576 (SQ YD)
					QUANTITY SHEET 1 OF 6

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

STATE OF MISSOURI  
BERNARD LEO ARNOLD  
NUMBER PE-021797  
12/31/13

DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO  
2B  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO  
STP-5403(655)

DESCRIPTION  
DATE

TRAFFIC CONTROL SIGNS						
LDG #	SIGN	SIZE (IN.)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA	DESCRIPTION
2	W20-1	48 X 48	16.0	10	160.0	ROAD WORK AHEAD
2A	W16-5p	24 X 18	3.0	4	12.0	SUPPLEMENTAL ARROW (CONSTRUCTION ORANGE)
3	W3-5	48 X 48	16.0	4	64.0	REDUCED SPEED AHEAD (20)
4	R2-1	36 X 48	12.0	4	48.0	SPEED LIMIT 20
54	G23-1	36 X 12	3.0	4	12.0	WORK ZONE (PLAQUE)
7	W20-4	48 X 48	16.0	4	64.0	ONE LANE ROAD AHEAD
8	W20-7a	48 X 48	16.0	4	64.0	FLAGGER (SYMBOL)
5	W20-5	48 X 48	16.0	2	32.0	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
6	SPL W20-6a	48 X 48	16.0	2	32.0	RIGHT/CENTER/LEFT LANE CLOSED
					488.0	TOTALS

NOTES:

1.) OVERNIGHT LANE CLOSURES WILL NOT BE ALLOWED.

TEMPORARY RAISED PAVEMENT MARKERS, T2

STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY EACH	REMARKS
0+25	183+45	18,320	39,650'/40 - YELLOW	992	(DOUBLE MARKERS FOR ALL YELLOW STRIPE)
0+25	1+65	40	(174'+106')/40 - YELLOW	-7	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
2+60	6+35	375	(32'+740')/40 - YELLOW	-19	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
29+58	58+59	2902	(2902'/40) - YELLOW	-72	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
63+90	86+39	2249	(2249'/40) - YELLOW	-56	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
90+74	110+50	1976	(1976'/40) - YELLOW	-49	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
114+37	179+63	6526	(6526'/40) - YELLOW	-163	(DEDUCT FOR 2-WAY TRAFFIC SECTIONS)
			(16 S.D. X 2) - YELLOW	32	(ADD 2 FOR EACH YELLOW SKIP DASH)
0+12	183+54	-	(2212'/20) - WHITE	111	ALL WHITE TURN LANE QUANTITY
			(13 S.D. X 2) - WHITE	26	(ADD 2 FOR EACH WHITE SKIP DASH)
			TOTAL	795	EACH (PAY)

USE 1 YELLOW DOUBLE FACED MARKER EVERY 40 FEET WHERE TRAFFIC IS 2-WAY.  
USE 2 YELLOW DOUBLE FACED MARKER EVERY 40 FEET WHERE TRAFFIC IS  
MULTI-LANE OR TURN LANES.

USE 1 WHITE SINGLE FACE MARKER EVERY 20 FEET FOR LANE LINES.

BITUMINOUS PAVEMENT CRACK SEALING

STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
0+00	183+45	18,345	ENTIRE LENGTH OF PROJECT	18,345	ASSUME 1 CRACK
61+00	112+00	5100	FRISCO HILL RD TO WINDMILL RD	10,200	ASSUME 2 ADDITIONAL CRACKS
			TOTAL	28545	LINEAL FEET (28550 L.F. PAY)

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

STATION	STATION	ROADWAY LENGTH	LOCATION / REMARKS	QUANTITY SQ. YD.	OFFSETS (ALL AREAS ARE BITUMINOUS EXCEPT AS NOTED)
MILLING DEPTH TAPER 0" TO 1/2"					
0+00	0+06	6	BEGINNING OF PROJECT	78.3	FROM 68.0' LEFT TO 49.4' RIGHT
12+13	12+85	72	ARROWRIDGE DRIVE *	48.0	FROM 36' LEFT TO 42' LEFT
19+32	20+74	142	SECKMAN SCHOOL - MIDDLE ENTRANCE	94.7	FROM 32' RIGHT TO 38' RIGHT
24+33	25+47	114	REMINGTON PLACE *	76.0	FROM 22.5' LEFT TO 28.5' LEFT
24+49		72	SECKMAN SCHOOL - EAST ENTRANCE	48.0	FROM 32' RIGHT TO 38' RIGHT
	25+21				FROM 24' RIGHT TO 30' RIGHT
32+04	32+39	35	PRIVATE DRIVE	23.3	FROM 14.0' LEFT TO 20.0' LEFT
32+89	34+34	145	SECKMAN SPRING DRIVE	96.7	FROM 14.0' RIGHT TO 20.0' RIGHT
51+19	51+48	29	PRIVATE DRIVE	19.3	FROM 14.0' RIGHT TO 20.0' RIGHT
52+39	52+66	27	PRIVATE DRIVE	18.0	FROM 14.0' RIGHT TO 20.0' RIGHT
81+15	82+98	183	GOLDEN GATE DRIVE	122.0	FROM 14.0' RIGHT TO 20.0' RIGHT
87+15	88+58	143	DRIFTWOOD DRIVE	95.3	FROM 14.0' RIGHT TO 20.0' RIGHT
92+75	93+91	116	WATERFRONT DRIVE	77.3	FROM 14.0' RIGHT TO 20.0' RIGHT
101+29	101+69	40	KENNEDY DRIVE (PRIVATE)	26.7	FROM 14.0' RIGHT TO 20.0' RIGHT
104+28	106+32	204	BURGUNDY DRIVE AND PRIVATE DRIVE	136.0	FROM 14.0' RIGHT TO 20.0' RIGHT
108+47	109+58	111	OAKGLEN DRIVE	74.0	FROM 14.0' LEFT TO 20.0' LEFT
109+63	110+46	83	PARKVIEW CIRCLE	55.3	FROM 14.0' RIGHT TO 20.0' RIGHT
113+56	115+01	145	SADDLEBROOK PARKWAY	96.7	FROM 14.0' LEFT TO 20.0' LEFT
115+39	117+28	189	ELEPHANT WALK DRIVE	126.0	FROM 14.0' RIGHT TO 20.0' RIGHT
119+29	119+51	22	PRIVATE DRIVE	14.7	FROM 14.0' LEFT TO 20.0' LEFT
121+38	121+74	36	PRIVATE DRIVE	24.0	FROM 14.0' LEFT TO 20.0' LEFT
123+03	124+51	148	SUMMERFIELD DRIVE	98.7	FROM 14.0' RIGHT TO 20.0' RIGHT
125+93	126+51	58	PRIVATE DRIVE	38.7	FROM 14.0' LEFT TO 20.0' LEFT
126+66	126+97	31	PRIVATE DRIVE	20.7	FROM 14.0' RIGHT TO 20.0' RIGHT
132+56	133+29	73	SUMMER CIRCLE	48.7	FROM 14.0' RIGHT TO 20.0' RIGHT
183+39	183+45	6	END OF PROJECT	78.3	FROM 20.0' LEFT TO 32.0' RIGHT
			**VALVE VAULTS - ASSUME 12' X 12'	TO BE DETERMINE	32.0 ASSUME 2 LOCATIONS
			TOTAL	1667.4	SQUARE YARDS (1668 S.Y. PAY)

\* CONCRETE SURFACE    \*\* SEE JSP FOR UTILITY RISERS

CLASS B PARTIAL DEPTH  
(BITUMINOUS) PAVEMENT REPAIR

STATION	STATION	ROADWAY LENGTH	LOCATION / REMARKS	REMOVAL QUANTITY	REPL. QUANTITY
				MILL 2"	ASPH.
13+93	14+18	25	NEAR SECKMAN SCHOOL	27.8	4 FROM 12' LEFT TO 22' LEFT
65+50	66+50	100	500± EAST OF FRISCO HILL RD	66.7	8 FROM 6' RIGHT TO 12' RIGHT
171+25	172+00	75	1200± WEST OF END OF PROJECT	50.0	6 FROM 6' RIGHT TO 12' RIGHT
			TOTAL	144.5 SQ. YD. (145 PAY)	18 TON (PAY)
THE COST OF TACK COAT SHALL BE INCLUDED IN THE PAVEMENT REPAIR PAY ITEMS					



SECKMAN ROAD -  
PAVEMENT PRESERVATION -  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

QUANTITY SHEET 2 OF 6

## PERMANENT PAVEMENT MARKINGS

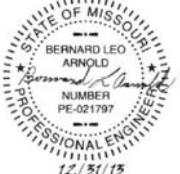
4 IN. YELLOW HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
0+25	1+12	87	CENTER LINE - DOUBLE LINES	174	OFFSET 6' RIGHT
1+12	1+65	53	CENTER LINE - DOUBLE LINES	106	VARIES FROM 6' RIGHT TO 3.5' RIGHT
1+65	2+00	35	WB LEFT TURN LANE - DOUBLE LINES	70	VARIES FROM 3.5' RIGHT TO 1.75' LEFT
1+65	2+00	35	EB LEFT TURN LANE - DOUBLE LINES	70	VARIES FROM 3.5' RIGHT TO 2.0' RIGHT
2+00	2+44	44	WB LEFT TURN LANE - DOUBLE LINES	88	VARIES FROM 1.75' LEFT TO 0.5' RIGHT
2+00	2+44	44	EB LEFT TURN LANE - DOUBLE LINES	88	VARIES FROM 2.0' RIGHT TO 0.5' RIGHT
2+44	2+60	16	CENTER LINE - DOUBLE LINES	32	VARIES FROM 0.5' RIGHT TO 0.0'
2+60	6+30	370	CENTER LINE - DOUBLE LINES	740	0.0'
6+30	7+94	164	WB LEFT TURN LANE - DOUBLE LINES	328	VARIES FROM 0.0' TO 3.7' LEFT
6+30	7+94	164	EB LEFT TURN LANE - DOUBLE LINES	328	VARIES FROM 0.0' TO 7.0' RIGHT
7+94	8+35	41	WB LEFT TURN LANE - DOUBLE LINES	82	VARIES FROM 3.7' LEFT TO 5.0' LEFT
7+94	8+35	41	EB LEFT TURN LANE - DOUBLE LINES	83	VARIES FROM 7.0' RIGHT TO 5.0' LEFT
8+35	9+55	120	EB LEFT TURN LANE - DOUBLE LINES	240	5.0' LEFT
10+30	10+65	35	WB LEFT TURN LANE - DOUBLE LINES	70	VARIES FROM 5.3' LEFT TO 4.7' LEFT
10+30	10+65	35	EB LEFT TURN LANE - DOUBLE LINES	71	VARIES FROM 5.3' LEFT TO 5.0' RIGHT
10+65	11+02	37	WB LEFT TURN LANE - DOUBLE LINES	74	4.7' LEFT
10+65	11+02	37	EB LEFT TURN LANE - DOUBLE LINES	75	VARIES FROM 5.0' RIGHT TO 4.7' LEFT
11+02	12+07	105	EB LEFT TURN LANE - DOUBLE LINES	210	4.7' LEFT
12+75	14+35	160	WB LEFT TURN LANE - DOUBLE LINES	320	6.0' RIGHT
14+35	15+00	65	WB LEFT TURN LANE - DOUBLE LINES	131	VARIES FROM 6.0' RIGHT TO 6.0' LEFT
14+35	14+87	52	EB LEFT TURN LANE - DOUBLE LINES	104	6.0' RIGHT
15+00	15+54	54	WB LEFT TURN LANE - DOUBLE LINES	108	6.0' LEFT
14+87	18+35	348	EB BI-DIR TURN LANE - SINGLE LINE	348	6.0' RIGHT
14+87	18+35		PLUS 9 - 10' SKIP DASH	90	6.0' RIGHT
15+54	18+35	281	WB BI-DIR TURN LANE - SINGLE LINE	281	6.0' LEFT
15+54	18+35		PLUS 7 - 10' SKIP DASH	70	6.0' LEFT
18+35	19+35	100	WB LEFT TURN LANE - DOUBLE LINES	200	6.0' LEFT
18+35	19+68	133	EB LEFT TURN LANE - DOUBLE LINES	266	6.0' RIGHT
19+35	19+71	36	WB LEFT TURN LANE - DOUBLE LINES	73	VARIES FROM 6.0' LEFT TO 4.0' RIGHT
19+68	19+71	3	EB LEFT TURN LANE - DOUBLE LINES	6	VARIES FROM 6.0' RIGHT TO 4.0' RIGHT
20+27	22+50	223	WB LEFT TURN LANE - DOUBLE LINES	446	6.0' RIGHT
22+50	23+20	70	WB LEFT TURN LANE - DOUBLE LINES	141	VARIES FROM 6.0' RIGHT TO 6.0' LEFT
22+50	23+00	50	EB LEFT TURN LANE - DOUBLE LINES	100	6.0' RIGHT
23+00	23+70	70	EB LEFT TURN LANE - DOUBLE LINES	141	VARIES FROM 6.0' RIGHT TO 6.0' LEFT
23+70	24+64	94	EB LEFT TURN LANE - DOUBLE LINES	188	6.0' LEFT
25+23	26+75	152	WB LEFT TURN LANE - DOUBLE LINES	304	6.0' RIGHT
26+75	27+40	65	WB LEFT TURN LANE - DOUBLE LINES	131	VARIES FROM 6.0' RIGHT TO 6.0' LEFT
26+75	27+22	47	WB LEFT TURN LANE - DOUBLE LINES	94	6.0' RIGHT
27+22	29+58	236	WB LEFT TURN LANE - DOUBLE LINES	472	VARIES FROM 6.0' RIGHT TO 0.0'
27+40	27+78	38	WB LEFT TURN LANE - DOUBLE LINES	76	6.0' LEFT
27+78	29+58	180	WB LEFT TURN LANE - DOUBLE LINES	360	VARIES FROM 6.0' LEFT TO 0.0'
29+58	58+59	2901	CENTER LINE - DOUBLE LINES	5802	0.0'

## PERMANENT PAVEMENT MARKINGS

4 IN. YELLOW HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
58+59	60+38	179	TURN LANE EXTN. - DOUBLE LINES	358	VARIES FROM 0.0' TO 5.0' LEFT
60+38	60+70	32	TURN LANE EXTN. - DOUBLE LINES	65	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
58+59	60+70	211	TURN LANE EXTN. - DOUBLE LINES	422	VARIES FROM 0.0' TO 5.0' RIGHT
61+39	62+34	95	WB LEFT TURN LANE - DOUBLE LINES	190	5.0' RIGHT
62+34	62+84	50	WB LEFT TURN LANE - DOUBLE LINES	100	VARIES FROM 5.0' RIGHT TO 5.0' LEFT
62+84	63+90	106	WB LEFT TURN LANE - DOUBLE LINES	212	VARIES FROM 5.0' LEFT TO 0.0'
62+34	63+90	156	WB LEFT TURN LANE - DOUBLE LINES	312	VARIES FROM 5.0' RIGHT TO 0.0'
63+90	86+39	2249	CENTER LINE - DOUBLE LINES	4498	0.0'
86+39	87+41	102	TURN LANE EXTN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' LEFT
86+39	87+41	102	TURN LANE EXTN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' RIGHT
87+41	87+77	36	TURN LANE EXTN. - DOUBLE LINES	73	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
87+41	87+77	36	TURN LANE EXTN. - DOUBLE LINES	72	5.0' RIGHT
88+43	89+28	85	WB LEFT TURN LANE - DOUBLE LINES	170	5.0' RIGHT
89+28	89+72	44	WB LEFT TURN LANE - DOUBLE LINES	89	VARIES FROM 5.0' RIGHT TO 5.0' LEFT
89+28	89+72	44	WB LEFT TURN LANE - DOUBLE LINES	88	5.0' RIGHT
89+72	90+74	102	WB LEFT TURN LANE - DOUBLE LINES	204	VARIES FROM 5.0' LEFT TO 0.0'
89+72	90+74	102	WB LEFT TURN LANE - DOUBLE LINES	204	VARIES FROM 5.0' RIGHT TO 0.0'
90+74	110+50	1976	CENTER LINE - DOUBLE LINES	3952	0.0'
110+50	111+42	92	TURN LANE EXTN. - DOUBLE LINES	184	VARIES FROM 0.0' TO 5.0' LEFT
110+50	111+52	102	TURN LANE EXTN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' RIGHT
111+42	111+76	34	TURN LANE EXTN. - DOUBLE LINES	69	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
111+52	111+76	24	TURN LANE EXTN. - DOUBLE LINES	48	5.0' RIGHT
112+22	112+87	65	WB LEFT TURN LANE - DOUBLE LINES	130	5.0' RIGHT
112+87	113+37	50	WB LEFT TURN LANE - DOUBLE LINES	100	5.0' RIGHT
112+87	113+66	79	WB LEFT TURN LANE - DOUBLE LINES	158	VARIES FROM 5.0' RIGHT TO 5.0' LEFT
113+37	114+37	100	WB LEFT TURN LANE - DOUBLE LINES	200	VARIES FROM 5.0' LEFT TO 0.0'
113+66	114+37	71	WB LEFT TURN LANE - DOUBLE LINES	142	VARIES FROM 5.0' RIGHT TO 0.0'
114+37	183+45	6908	CENTER LINE - DOUBLE LINES	13816	0.0'
					TOTAL 39,649 LINEAL FEET (39,650 L.F. PAY)

### NOTES

\*SEE SHEET 2B, 1 OF 6, FOR CENTERLINE/BASELINE MEASUREMENTS FROM EDGE OF SHOULDER  
 ALL LAYOUT WORK SHALL BE FIELD VERIFIED AND ADJUSTED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER  
 SOME QUANTITIES INCLUDE ADJUSTMENTS FOR LANE SHIFTS  
 PROVIDE GAP FOR CROSSWALKS



## PERMANENT PAVEMENT MARKINGS

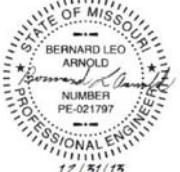
4 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
0+00	0+55	55	LEFT EDGE / RETURN RADIUS	83	VARIES 68' LEFT TO 20' LEFT
0+55	1+47	92	LEFT EDGE	92	VARIES 20' LEFT TO 19.3' LEFT
2+05	2+66	61	LEFT EDGE	61	VARIES 15.6' LEFT TO 12.0' LEFT
2+66	4+42	176	LEFT EDGE	176	12' LEFT
5+03	7+00	197	LEFT EDGE	197	12' LEFT
7+00	7+52	52	LEFT EDGE	52	VARIES 12.0' LEFT TO 13.7' LEFT
7+81	8+06	25	LEFT EDGE	25	VARIES 15.2' LEFT TO 16.2' LEFT
8+33	9+10	77	LEFT EDGE	77	VARIES 16.9' LEFT TO 17.7' LEFT
9+10	9+46	36	LEFT EDGE	39	VARIES 17.7' LEFT TO 26.0' LEFT
10+20	10+57	37	LEFT EDGE	39	VARIES 26.0' LEFT TO 18.0' LEFT
10+57	12+11	154	LEFT EDGE	154	18' LEFT
13+11	24+49	1138	LEFT EDGE	1138	18' LEFT
25+54	27+78	224	LEFT EDGE	224	18' LEFT
27+78	29+58	180	LEFT EDGE	180	VARIES 18.0' LEFT TO 12.0' LEFT
29+58	58+41	2883	LEFT EDGE	2883	12' LEFT
58+41	60+38	197	LEFT EDGE	197	VARIES 12.0' LEFT TO 18.0' LEFT
60+38	62+34	196	LEFT EDGE	196	18' LEFT
62+34	63+90	156	LEFT EDGE	156	VARIES 18.0' LEFT TO 12.0' LEFT
63+90	86+19	2229	LEFT EDGE	2229	12' LEFT
86+19	87+41	122	LEFT EDGE	123	VARIES 12.0' LEFT TO 18.0' LEFT
87+41	89+72	231	LEFT EDGE	231	18' LEFT
89+72	90+95	123	LEFT EDGE	123	VARIES 18.0' LEFT TO 12.0' LEFT
90+95	101+44	1049	LEFT EDGE	1049	12' LEFT
101+44	101+66	22	LEFT EDGE	22	VARIES 12.0' LEFT TO 20.0' LEFT
102+11	102+32	21	LEFT EDGE	21	VARIES 20.0' LEFT TO 12.0' LEFT
102+32	108+56	624	LEFT EDGE	624	12' LEFT
109+47	110+29	82	LEFT EDGE	82	12' LEFT
110+29	111+51	122	LEFT EDGE	122	VARIES 12.0' LEFT TO 18.0' LEFT
111+51	113+70	219	LEFT EDGE	219	18' LEFT
114+80	122+65	785	LEFT EDGE	785	12' LEFT
123+31	183+45	6014	LEFT EDGE	6014	12' LEFT
0+00	0+29	29	RIGHT EDGE / RETURN RADIUS	36	VARIES 50' RIGHT TO 32' RIGHT
0+29	1+02	73	RIGHT EDGE	78	VARIES 32' RIGHT TO 19' RIGHT
1+02	2+61	159	RIGHT EDGE	164	VARIES 19' RIGHT TO 12' RIGHT
2+61	6+72	411	RIGHT EDGE	411	12' RIGHT
6+72	8+69	197	RIGHT EDGE	197	VARIES 12' RIGHT TO 30' RIGHT
8+69	9+55	86	RIGHT EDGE	86	VARIES 30' RIGHT TO 32' RIGHT
9+55	10+65	110	RIGHT EDGE	110	VARIES 32' RIGHT TO 33' RIGHT
10+65	11+53	88	RIGHT EDGE	88	VARIES 33' RIGHT TO 32' RIGHT
11+53	12+10	57	RIGHT EDGE / RETURN RADIUS	90	VARIES 32' RIGHT TO 91' RIGHT
12+61	13+19	58	RIGHT EDGE / RETURN RADIUS	103	VARIES 103' RIGHT TO 30' RIGHT
13+19	19+12	593	RIGHT EDGE	593	30' RIGHT

## PERMANENT PAVEMENT MARKINGS

4 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY	
19+12	19+40	28	RIGHT EDGE / RETURN RADIUS	30	VARIES 30' RIGHT TO 38' RIGHT
20+75	23+86	311	RIGHT EDGE	311	30' RIGHT
23+86	24+55	69	RIGHT EDGE / RETURN RADIUS	70	VARIES 30' RIGHT TO 38' RIGHT
25+15	26+00	85	RIGHT EDGE / RETURN RADIUS	86	VARIES 31' RIGHT TO 18' RIGHT
26+00	27+78	178	RIGHT EDGE	178	18' RIGHT
27+78	29+58	180	RIGHT EDGE	180	VARIES 18' RIGHT TO 12' RIGHT
29+58	33+15	357	RIGHT EDGE	357	12' RIGHT
34+37	58+41	2404	RIGHT EDGE	2404	12' RIGHT
58+41	60+64	223	RIGHT EDGE	226	VARIES 12' RIGHT TO 18' RIGHT
60+64	60+76	12	RIGHT EDGE	12	VARIES 18' RIGHT TO 20' RIGHT
61+40	61+53	13	RIGHT EDGE	13	VARIES 20' RIGHT TO 18' RIGHT
61+53	62+34	81	RIGHT EDGE	81	18' RIGHT
62+34	63+90	156	RIGHT EDGE	157	VARIES 18' RIGHT TO 12' RIGHT
63+90	81+15	1725	RIGHT EDGE	1725	12' RIGHT
82+97	86+19	322	RIGHT EDGE	322	12' RIGHT
86+19	87+41	122	RIGHT EDGE	123	VARIES 12' RIGHT TO 18' RIGHT
88+43	89+72	129	RIGHT EDGE	129	18' RIGHT
89+72	90+95	123	RIGHT EDGE	123	VARIES 18' RIGHT TO 12' RIGHT
90+95	92+75	180	RIGHT EDGE	180	12' RIGHT
93+90	104+37	1047	RIGHT EDGE	1047	12' RIGHT
105+67	109+74	407	RIGHT EDGE	407	12' RIGHT
110+36	111+44	108	RIGHT EDGE	111	VARIES 12' RIGHT TO 18' RIGHT
111+44	111+58	14	RIGHT EDGE	14	VARIES 18' RIGHT TO 20' RIGHT
112+30	112+45	15	RIGHT EDGE	15	VARIES 20' RIGHT TO 18' RIGHT
112+45	113+67	122	RIGHT EDGE	122	18' RIGHT
113+67	114+89	122	RIGHT EDGE	125	VARIES 18' RIGHT TO 12' RIGHT
114+89	115+53	64	RIGHT EDGE	64	12' RIGHT
116+88	123+20	632	RIGHT EDGE	632	12' RIGHT
124+36	179+63	5527	RIGHT EDGE	5527	12' RIGHT
179+63	181+42	179	RIGHT EDGE	180	VARIES 12' RIGHT TO 24' RIGHT
181+42	183+45	203	RIGHT EDGE	203	24' RIGHT
CONTINUE NEXT SHEET				SUBTOTAL	34,718 LINEAL FEET

### NOTES

\*SEE SHEET 2B, 1 OF 6 FOR CENTERLINE/BASELINE MEASUREMENTS FROM EDGE OF SHOULDER  
ALL LAYOUT WORK SHALL BE FIELD VERIFIED AND ADJUSTED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER  
SOME QUANTITIES INCLUDE ADJUSTMENTS FOR RADIUS RETURNS AND LANE SHIFTS



## PERMANENT PAVEMENT MARKINGS

4 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
CONTINUE FROM PREVIOUS SHEET					
0+12	1+54	142	WB LEFT TURN LANE	142	VARIES FROM 6.0' LEFT TO 7.3' LEFT
8+69	9+55	86	EB LEFT TURN LANE	86	VARIES FROM 6.4' RIGHT TO 7.0' RIGHT
8+69	11+66	297	EB RIGHT TURN LANE	297	VARIES FROM 18.4' RIGHT TO 20.4' RIGHT
11+20	12+10	90	EB LEFT TURN LANE	90	8.0' RIGHT
12+75	14+18	143	WB LEFT TURN LANE	143	6.0' LEFT
12+72	17+62	490	EB RIGHT TURN LANE / SKIP DASH	130	18.0' RIGHT (13 - 10' SKIP DASH)
17+87	19+11	124	EB RIGHT TURN LANE	124	18.0' RIGHT
20+26	22+45	219	WB LEFT TURN LANE	219	6.0' LEFT
20+75	23+95	320	EB RIGHT TURN LANE	320	18.0' RIGHT
23+67	24+62	95	EB LEFT TURN LANE	95	6.0' RIGHT
25+23	26+80	157	WB LEFT TURN LANE	157	6.0' LEFT
61+39	62+34	95	WB LEFT TURN LANE	95	6.0' LEFT
88+43	89+18	75	WB LEFT TURN LANE	75	6.0' LEFT
112+22	112+77	55	WB LEFT TURN LANE	55	6.0' LEFT
181+61	183+45	184	EB LEFT / RIGHT TURN LANE	184	12.0' RIGHT
SUBTOTAL			2,212	LINEAL FEET	
TOTAL (WHITE 4")			36,930	LINEAL FEET (39,930 L.F. PAY)	

## PERMANENT PAVEMENT MARKINGS

CROSS WALK - WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT				APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	LOCATION* / REMARKS	QUANTITY SQ FT	
11+98	12+10	EB RIGHT TURN LANE X-WALK; 3 - 2.5' X 8' BLOCKS	60	VARIES FROM 56.5' RIGHT TO 47.6' RIGHT
12+10	12+15	SECKMAN SCHOOL X-WALK; 14 - 2.5' X 6' BLOCKS	210	VARIES FROM 46.5' RIGHT TO 36.8' LEFT
139+82	139+90	PARK X-WALK; 7 - 2.5' X 6' BLOCKS	105	VARIES FROM 12.25' LEFT TO 12.25' RIGHT
TOTAL			375	SQUARE FEET (375 S.F. PAY)

STATIONING OF X-WALK BLOCKS ARE TO CENTER OF BLOCK'S OUTSIDE EDGE

## MOBILIZATION

TOTAL	LUMP SUM

## REMOVE AND RE-INSTALL SIGN ASSEMBLY

TOTAL	EACH

## PERMANENT PAVEMENT MARKINGS

6 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT					APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET	
11+66	12+12	46	PAINTED TRAFFIC ISLAND - STRAIGHT	46	VARIES FROM 20.4' RIGHT TO 21.3' RIGHT
11+66	12+18	52	PAINTED TRAFFIC ISLAND - CURVE RT	64	VARIES FROM 20.4' RIGHT TO 52' RIGHT
11+94	12+05	11	SCHOOL SHOULDER WALKWAY - EDGE	40	VARIES FROM 54' RIGHT TO 90' RIGHT
19+11	19+74	63	PAINTED TRAFFIC ISLAND - STRAIGHT	63	18.0' RIGHT
19+11	19+74	63	PAINTED TRAFFIC ISLAND - CURVE RT	64	VARIES FROM 18' RIGHT TO 31' RIGHT
23+95	24+77	82	PAINTED TRAFFIC ISLAND - STRAIGHT	82	18.0' RIGHT
23+95	24+77	82	PAINTED TRAFFIC ISLAND - CURVE RT	83	VARIES FROM 18' RIGHT TO 31' RIGHT
TOTAL					442 LINEAL FEET (PAY)

## PERMANENT PAVEMENT MARKINGS

12 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT				APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET
12+12			PAINTED TRAFFIC ISLAND - XWALK	26
12+18			PAINTED TRAFFIC ISLAND - XWALK	31
19+74			PAINTED TRAFFIC ISLAND	13
24+77			PAINTED TRAFFIC ISLAND	13
TOTAL				83 LINEAL FEET (PAY)

## PERMANENT PAVEMENT MARKINGS

24 IN. WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT				APPROX. OFFSET FROM CENTERLINE/BASELINE*
STATION	STATION	ROADWAY LENGTH	LOCATION* / REMARKS	QUANTITY FEET
0+13			WB RIGHT TURN LANE - STOP BAR	29
0+25			WB LEFT TURN LANE - STOP BAR	12
12+54	12+83		SCHOOL EXT - STOP BAR	32
TOTAL				73 LINEAL FEET (PAY)

## NOTES

\*SEE SHEET 2B, 1 OF 6, FOR CENTERLINE/BASELINE MEASUREMENTS FROM EDGE OF SHOULDER

ALL LAYOUT WORK SHALL BE FIELD VERIFIED AND ADJUSTED

AS NECESSARY TO THE SATISFACTION OF THE ENGINEER

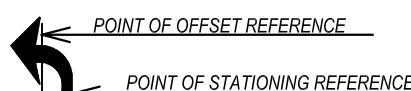
SOME QUANTITIES INCLUDE ADJUSTMENTS FOR LANE SHIFTS



# PERMANENT PAVEMENT MARKINGS

## WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT, LEFT ARROW

STATION	EACH	LOCATION / REMARKS	APPROXIMATE DISTANCE FROM ROADWAY CENTERLINE
0+71	1	WB LEFT TURN LANE	* OFFSET 0'
1+53	1	WB LEFT TURN LANE	* OFFSET 0'
8+69	1	EB LEFT TURN LANE	* OFFSET 0.75' RIGHT
9+35	1	EB LEFT TURN LANE	* OFFSET 1.15' RIGHT
11+20	1	EB LEFT TURN LANE	* OFFSET 2.40' RIGHT
11+86	1	EB LEFT TURN LANE	* OFFSET 2.75' RIGHT
12+53	1	SCHOOL EXIT LEFT TURN LANE	* OFFSET 13.0' RIGHT (SCHOOL EXIT)
12+58	1	SCHOOL EXIT LEFT TURN LANE	* OFFSET 13.0' RIGHT (SCHOOL EXIT)
13+00	1	WB LEFT TURN LANE	* OFFSET 1.25' LEFT
13+40	1	WB LEFT TURN LANE	* OFFSET 1.25' LEFT
14+10	1	WB LEFT TURN LANE	* OFFSET 1.25' LEFT
20+48	1	WB LEFT TURN LANE	* OFFSET 0.5' LEFT
21+41	1	WB LEFT TURN LANE	* OFFSET 0.5' LEFT
22+37	1	WB LEFT TURN LANE	* OFFSET 0.5' LEFT
23+85	1	EB LEFT TURN LANE	* OFFSET 0.25' RIGHT
24+45	1	EB LEFT TURN LANE	* OFFSET 0.25' RIGHT
25+41	1	WB LEFT TURN LANE	* OFFSET 0.25' LEFT
26+18	1	WB LEFT TURN LANE	* OFFSET 0.25' LEFT
26+82	1	WB LEFT TURN LANE	* OFFSET 0.25' LEFT
61+65	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
62+27	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
88+56	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
89+02	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
112+47	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
112+72	1	WB LEFT TURN LANE	* OFFSET 0.75' LEFT
182+00	1	EB LEFT TURN LANE	* OFFSET 6.40' RIGHT
182+95	1	EB LEFT TURN LANE	* OFFSET 6.40' RIGHT
TOTAL	27	EACH	



POINT OF OFFSET REFERENCE

POINT OF STATIONING REFERENCE

## WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT, RIGHT ARROW

STATION	EACH	LOCATION / REMARKS	APPROXIMATE DISTANCE FROM ROADWAY CENTERLINE
8+69	1	EB RIGHT TURN LANE	* OFFSET 23.7' RIGHT
10+10	1	EB RIGHT TURN LANE	* OFFSET 25.3' RIGHT
11+20	1	EB RIGHT TURN LANE	* OFFSET 25.3' RIGHT
11+84	1	EB RIGHT TURN LANE	* OFFSET 35.5' RIGHT
12+57	1	SCHOOL EXIT RIGHT TURN LANE	* OFFSET 23.6' RIGHT (SCHOOL EXIT)
12+65	1	SCHOOL EXIT RIGHT TURN LANE	* OFFSET 23.6' RIGHT (SCHOOL EXIT)
18+29	1	EB RIGHT TURN LANE	* OFFSET 23.0' RIGHT
18+94	1	EB RIGHT TURN LANE	* OFFSET 23.0' RIGHT
21+10	1	EB RIGHT TURN LANE	* OFFSET 23.0' RIGHT
22+63	1	EB RIGHT TURN LANE	* OFFSET 23.0' RIGHT
23+95	1	EB RIGHT TURN LANE	* OFFSET 23.0' RIGHT
182+00	1	EB RIGHT TURN LANE	* OFFSET 18.0' RIGHT
182+95	1	EB RIGHT TURN LANE	* OFFSET 18.0' RIGHT
TOTAL	13	EACH	

## WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT, COMBINATION STRAIGHT / RIGHT ARROW

STATION	EACH	LOCATION / REMARKS	APPROXIMATE DISTANCE FROM ROADWAY CENTERLINE
0+71	1	WB RIGHT TURN LANE	* OFFSET 13.85' RIGHT
1+53	1	WB RIGHT TURN LANE	* OFFSET 13.45' RIGHT
TOTAL	2	EACH	

## WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING PAINT, STRAIGHT ARROW

STATION	EACH	LOCATION / REMARKS	APPROXIMATE DISTANCE FROM ROADWAY CENTERLINE
8+69	1	EB STRAIGHT TURN LANE	* OFFSET 12.40' RIGHT
9+35	1	EB STRAIGHT TURN LANE	* OFFSET 12.40' RIGHT
11+20	1	EB STRAIGHT TURN LANE	* OFFSET 14.00' RIGHT
11+86	1	EB STRAIGHT TURN LANE	* OFFSET 14.00' RIGHT
TOTAL	4	EACH	



DATE PREPARED  
12/31/2013

STATE  
MO

SHEET NO.  
2B

COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

DATE



# LEGEND

② ROAD WORK AHEAD



COLD MILLING

MATCHLINE 5+50

(AGGR.)

(ASPH.)

CONSTRUCT TO  
NEWER SURFACE  
TREATMENT  
JOINT LINE

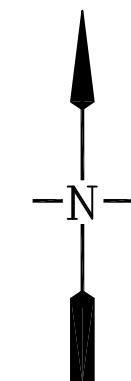
±10.0'

00+00

MATCHLINE 11+00

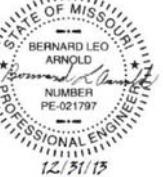
SECKMAN ROAD

SECKMAN  
SPUR



0 10 20 30 40 50 100

SCALE IN FEET  
1 INCH = 40 FEET



DATE PREPARED  
12/31/2013

STATE  
MO

Sheet No.  
4

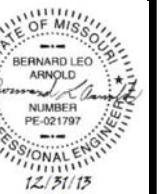
COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

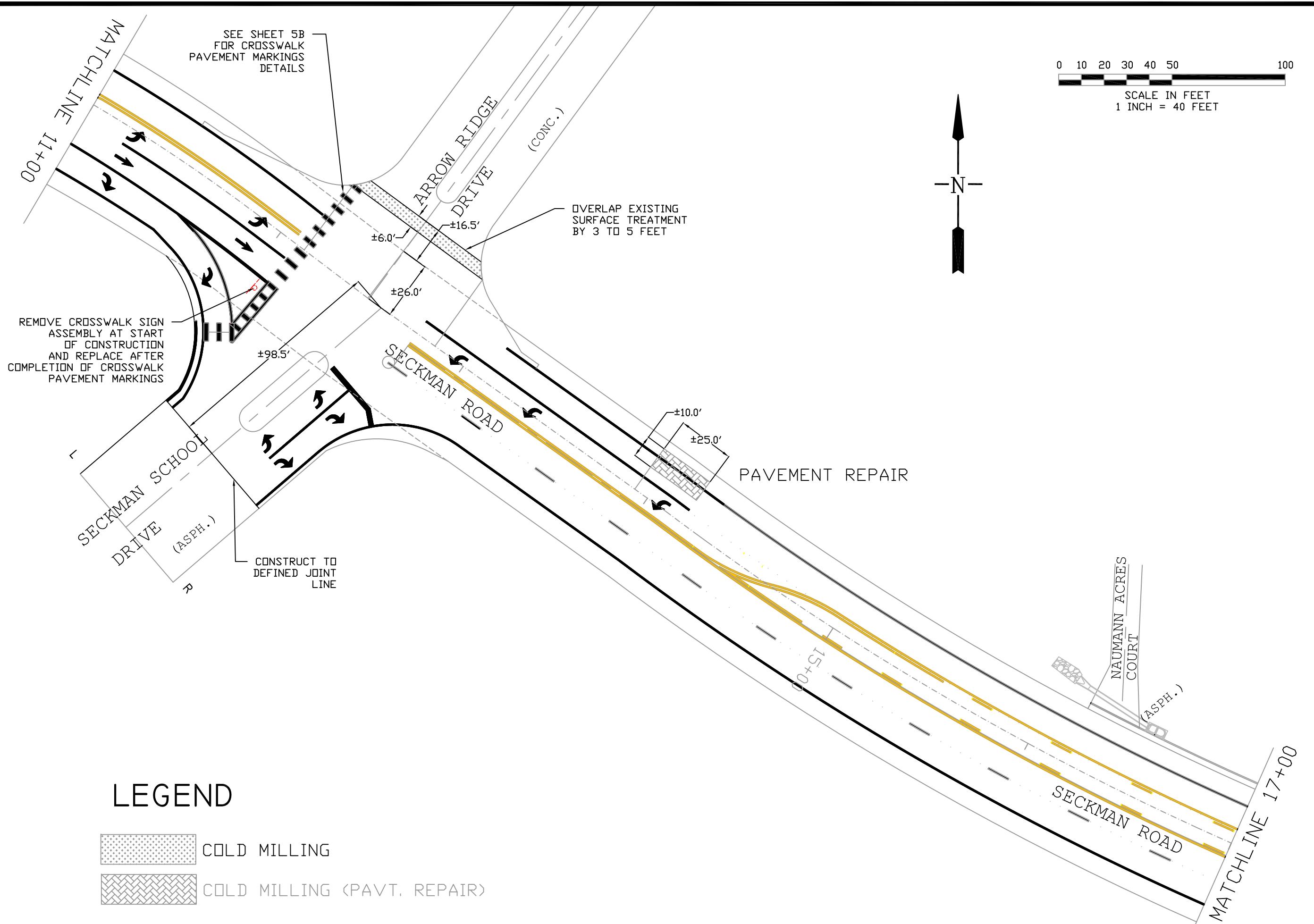


0 10 20 30 40 50 100  
SCALE IN FEET  
1 INCH = 40 FEET

DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
5  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION  
DATE

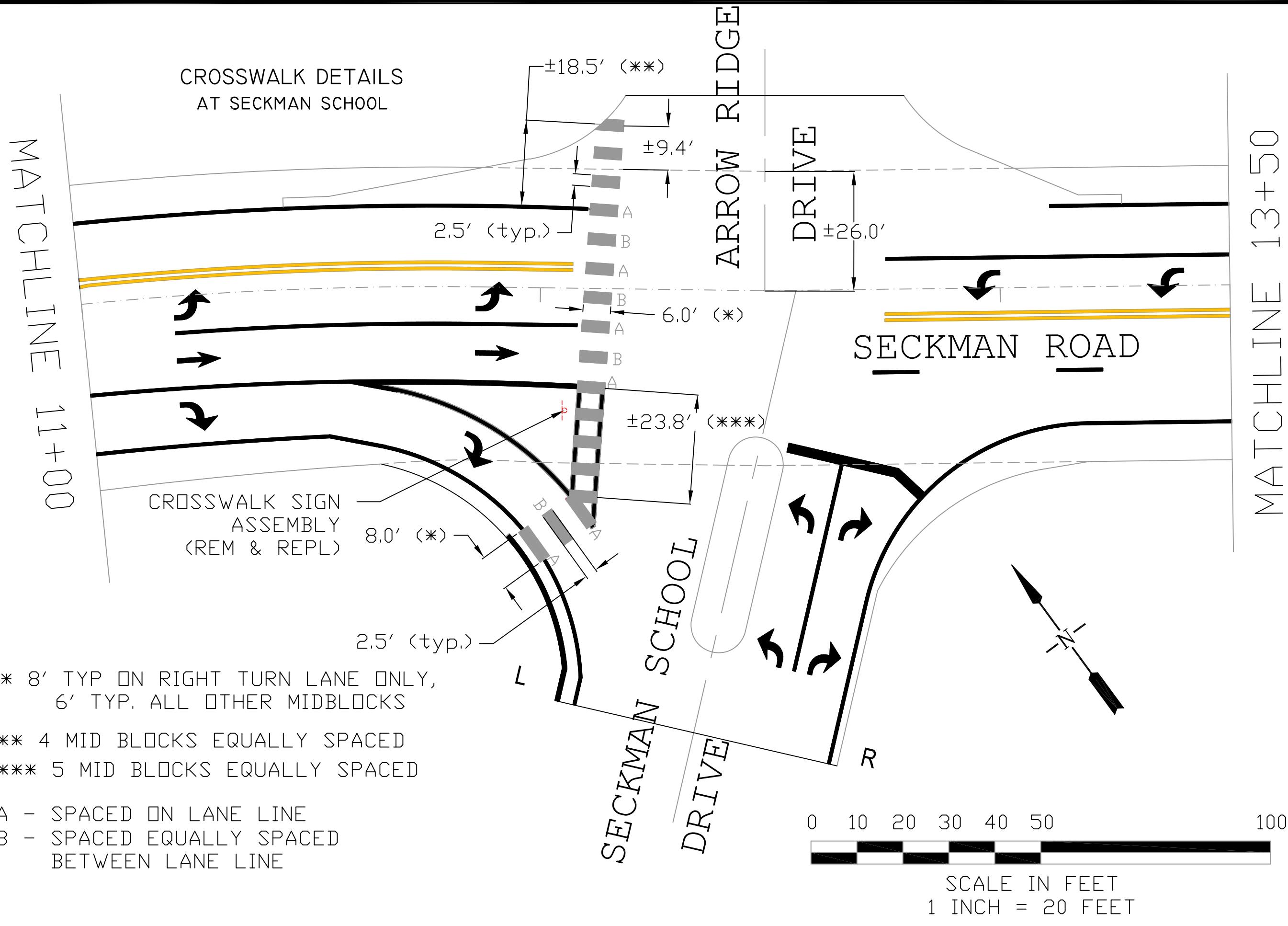
SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

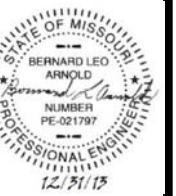


DATE PREPARED 9/25/2013  
 STATE MO  
 SHEET NO. 5B  
 COUNTY JEFFERSON  
 ROUTE SECKMAN ROAD  
 FEDERAL PROJECT NO. STP-5403(655)

SECKMAN ROAD -  
 PAVEMENT PRESERVATION  
 JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

CROSSWALK DETAILS  
AT SECKMAN SCHOOL



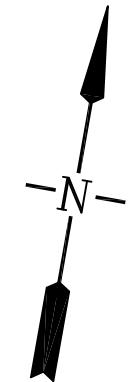


DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
6  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

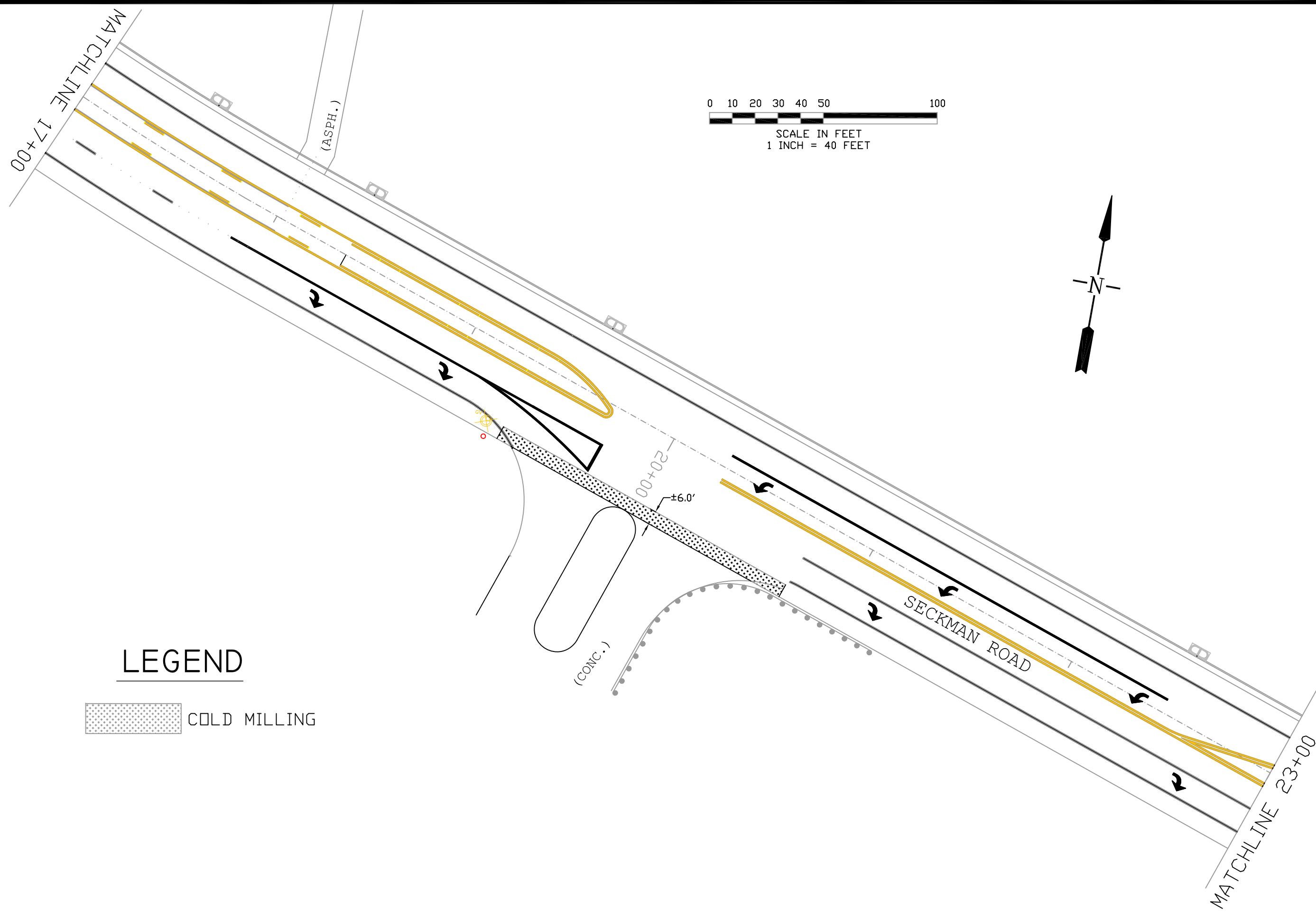
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SCALE IN FEET  
1 INCH = 40 FEET

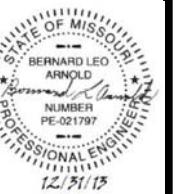


## LEGEND



COLD MILLING





0 10 20 30 40 50 100  
SCALE IN FEET  
1 INCH = 40 FEET

DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
7  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

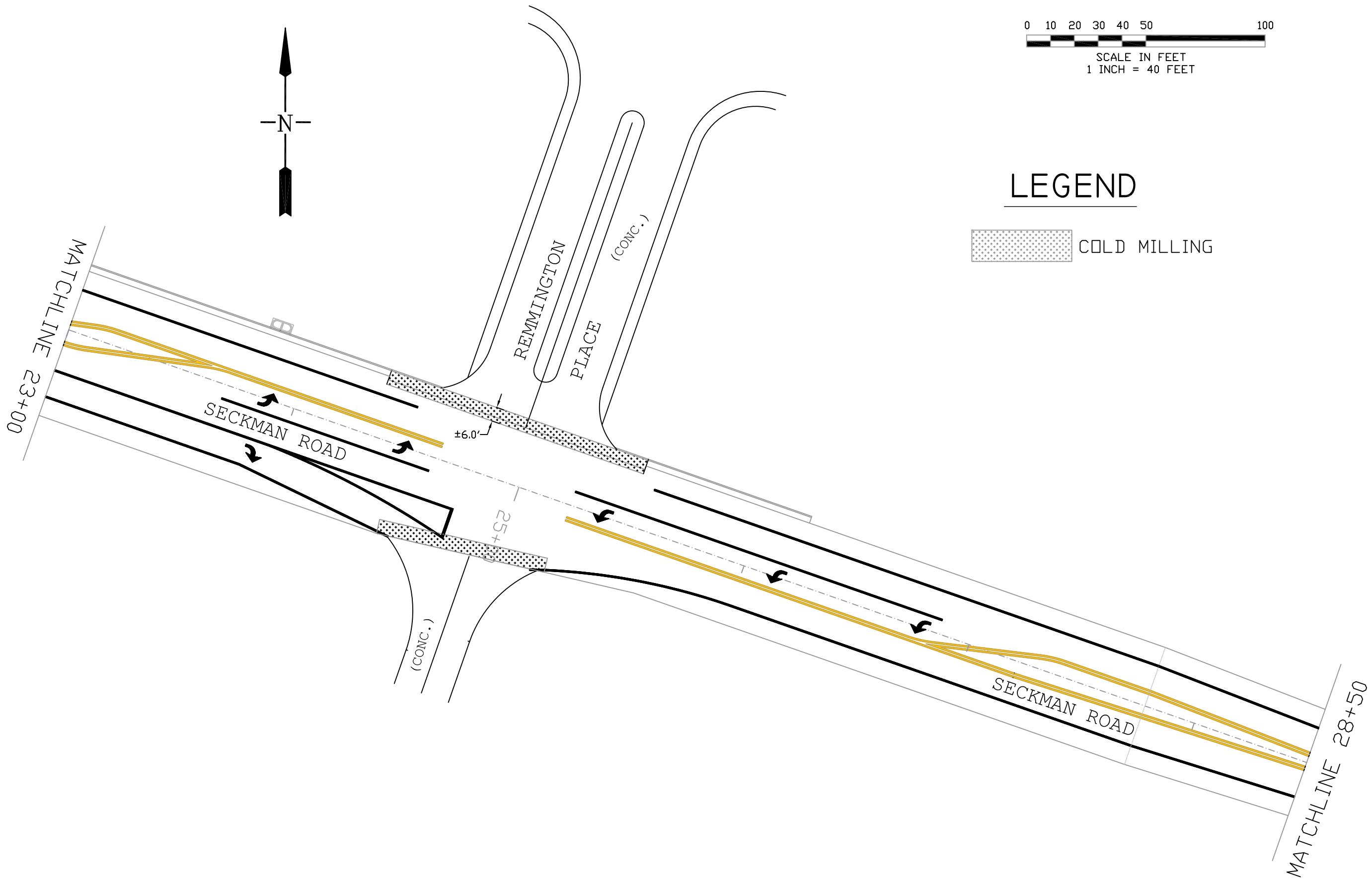
DESCRIPTION

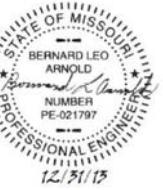
SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

## LEGEND



COLD MILLING





DATE PREPARED  
12/31/2013

STATE  
MO

SHEET NO.  
8

COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

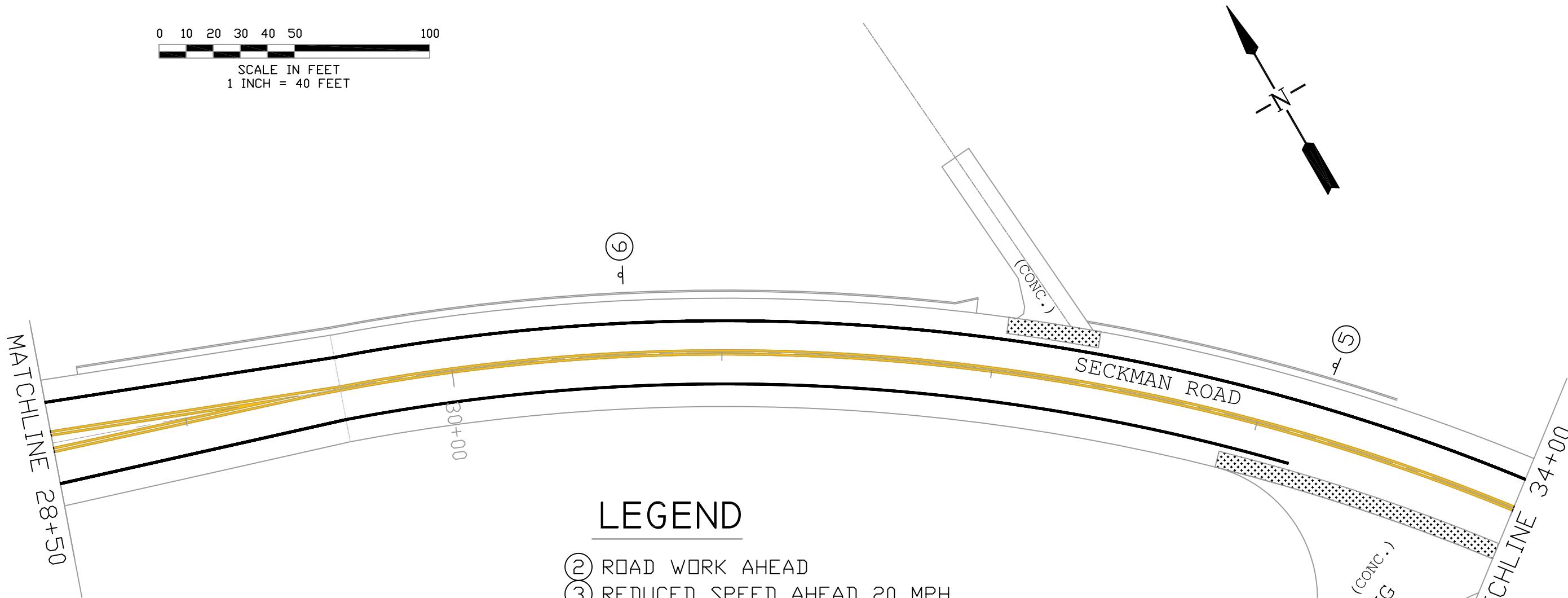
FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION  
DATE

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

0 10 20 30 40 50 100

SCALE IN FEET  
1 INCH = 40 FEET



## LEGEND

- ② ROAD WORK AHEAD
- ③ REDUCED SPEED AHEAD 20 MPH
- ④ SPEED LIMIT 20 MPH
- ⑤ WORK ZONE (PLAQUE)
- ⑦ ONE LANE ROAD AHEAD (MOVING OPERATIONS)
- ⑧ FLAGGER (SYMBOL)
- ⑨ SPEED LIMIT (NORMAL SPEED)
- ⑩ SUPPLEMENTAL ARROW
- ⑤ RIGHT/CENTER/LEFT LANE CLOSED AHEAD
- ⑥ RIGHT/CENTER/LEFT LANE CLOSED



COLD MILLING

The seal is circular with a double-lined outer border. The top half of the border contains the words "STATE OF MISSOURI" and the bottom half contains "PROFESSIONAL ENGINEER". The center of the seal contains the name "BERNARD LEO ARNOLD", a signature, and the number "PE-021797". Below the name is the text "NUMBER PE-021797". At the bottom of the seal is the date "12/31/13".

DATE PREPARED  
**12/31/2013**  
STATE  
**MO**  
SHEET NO.  
**9**  
COUNTY  
**JEFFERSON**  
ROUTE  
**CECKMAN ROAD**  
FEDERAL PROJECT NO.  
**STP-5403(655)**

100

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

SCALE IN FEET  
1 INCH = 40 FEET

**LEGEND**

COLD MILLING

00+00

00+50

39+50

39+50

MATCH LINE

SECKMAN RIDGE  
(ASPH.)

WAY  
(ASPH.)

(ASPH.)

(AGGR.)

SCALE IN FEET  
1 INCH = 40 FEET

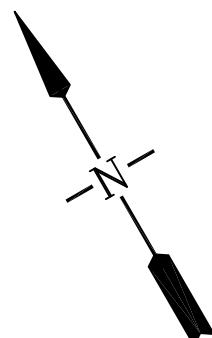
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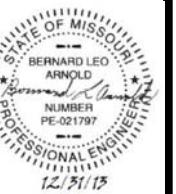
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## LEGEND



## COLD MILLING





DATE PREPARED  
12/31/2013

STATE  
MO

SHEET NO.  
10

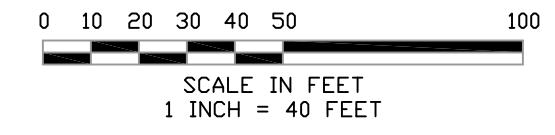
COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

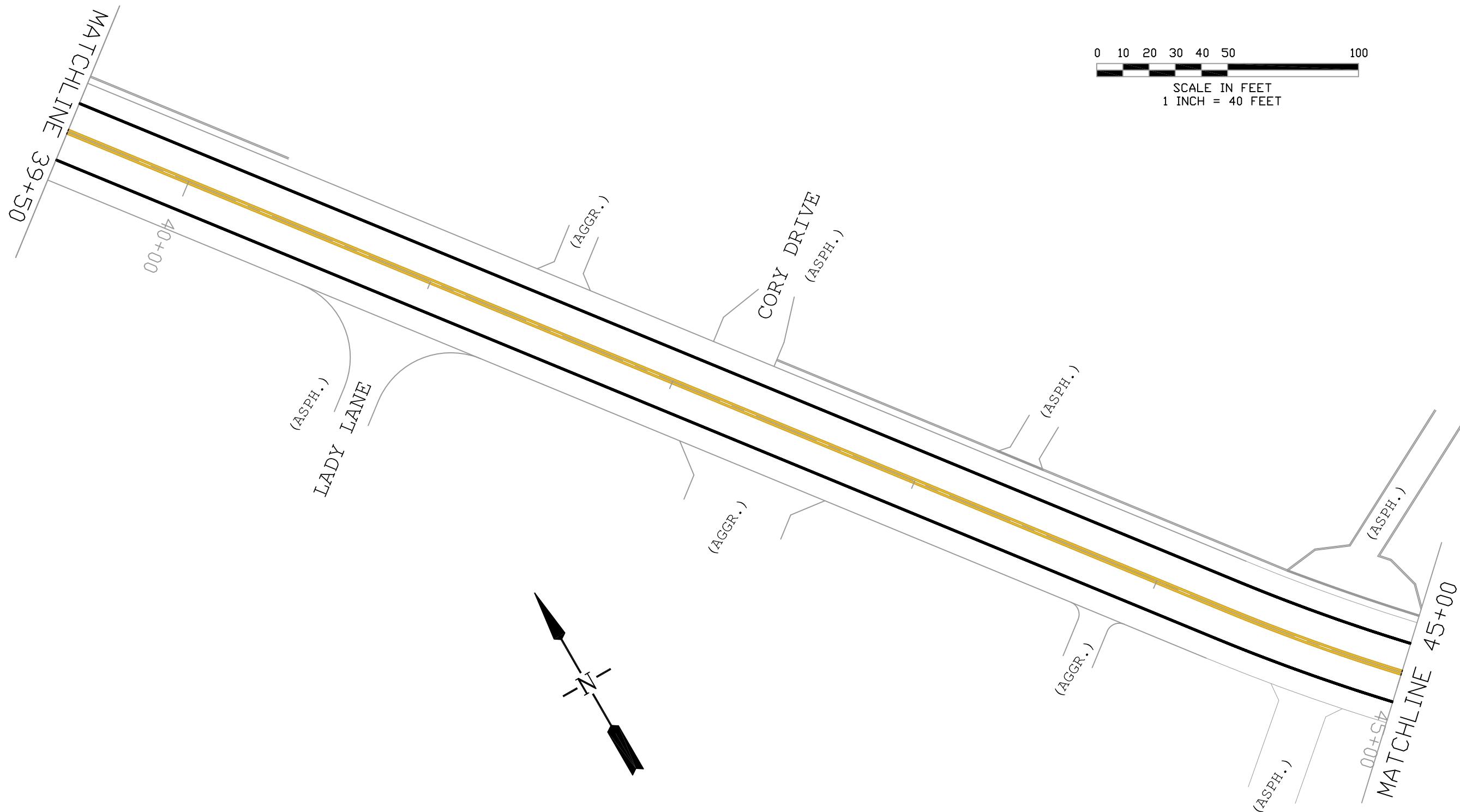
FEDERAL PROJECT NO.  
STP-5403(655)

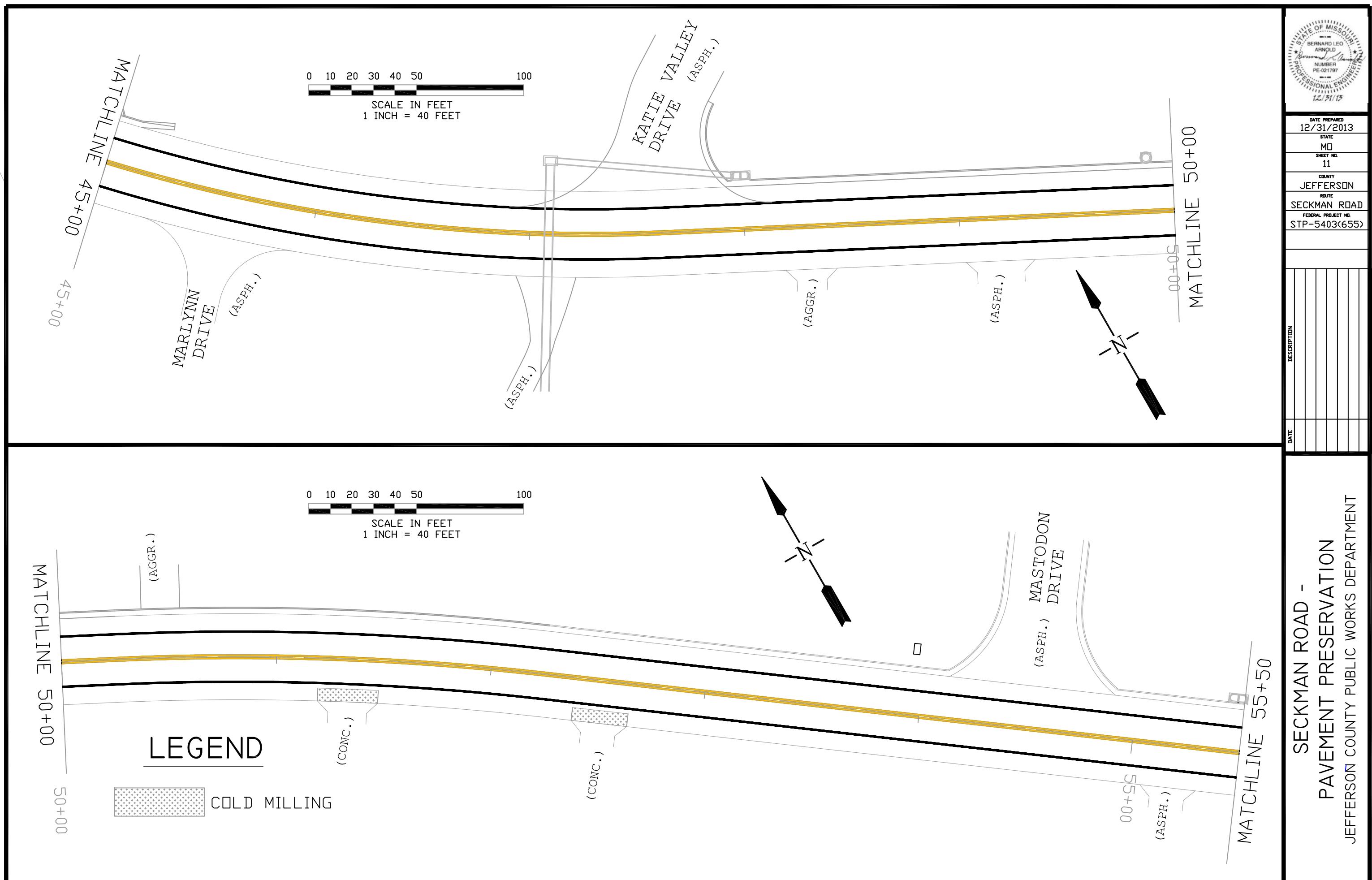
DATE	DESCRIPTION

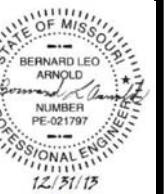
SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



SCALE IN FEET  
1 INCH = 40 FEET

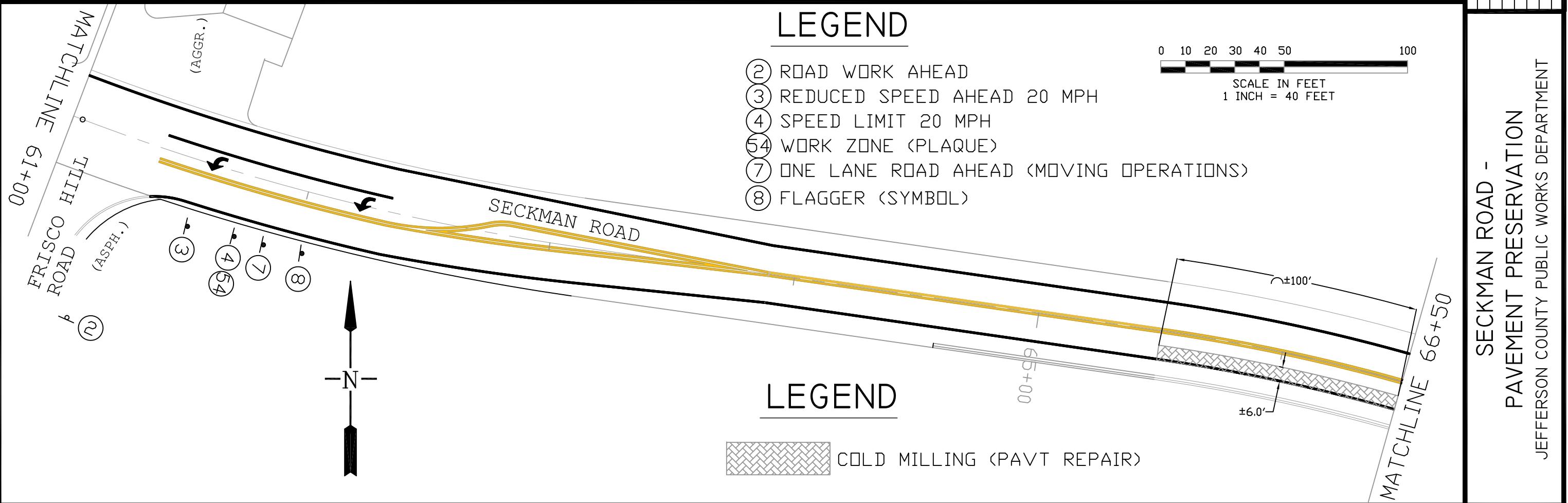
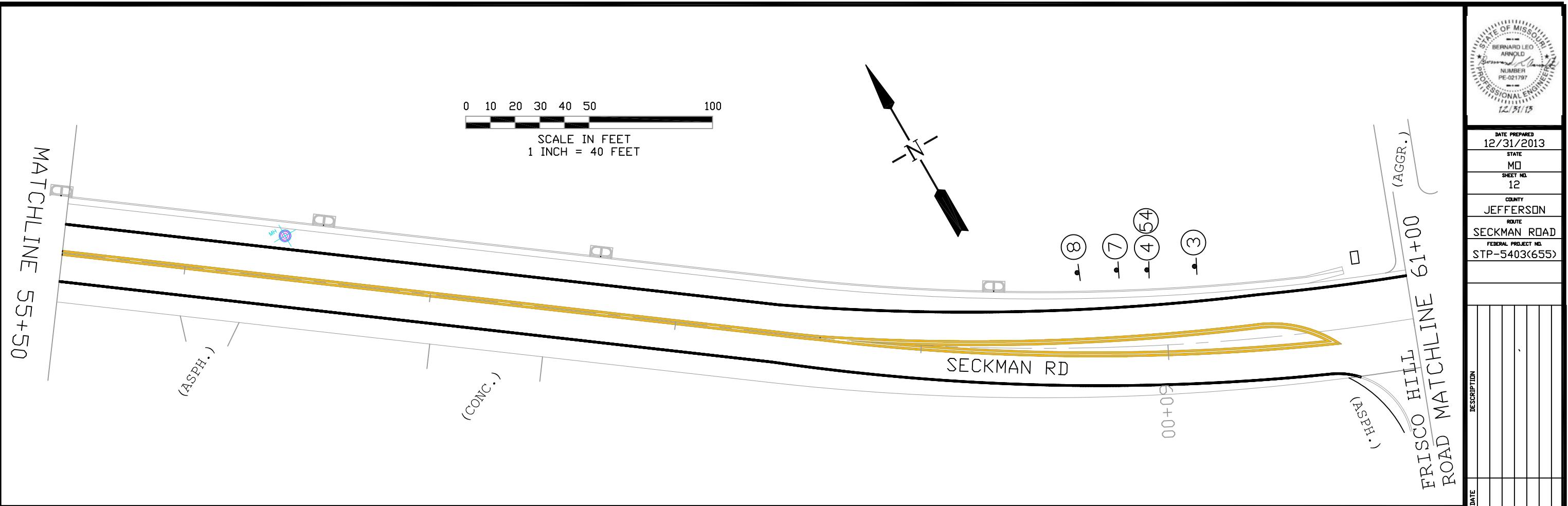


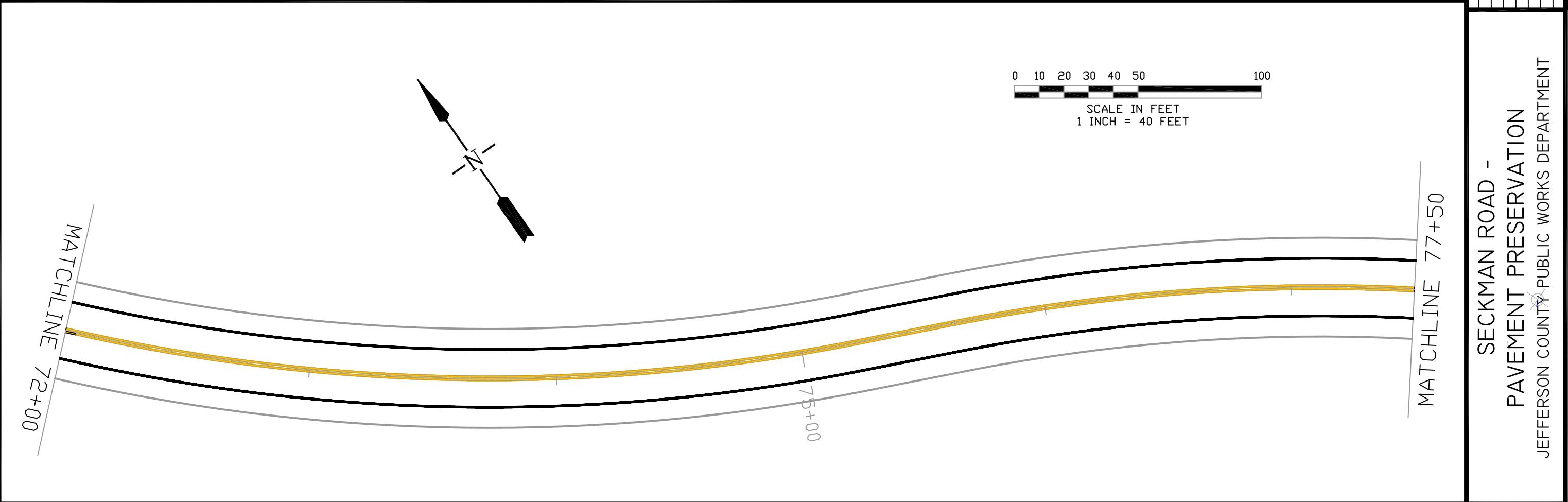
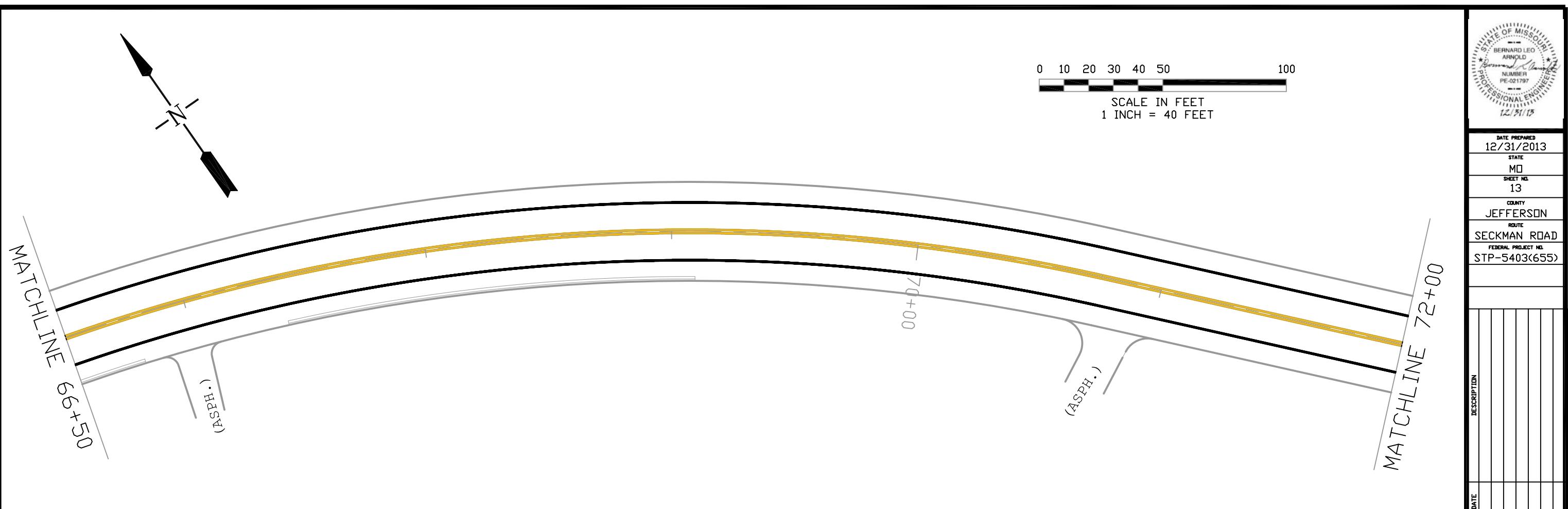


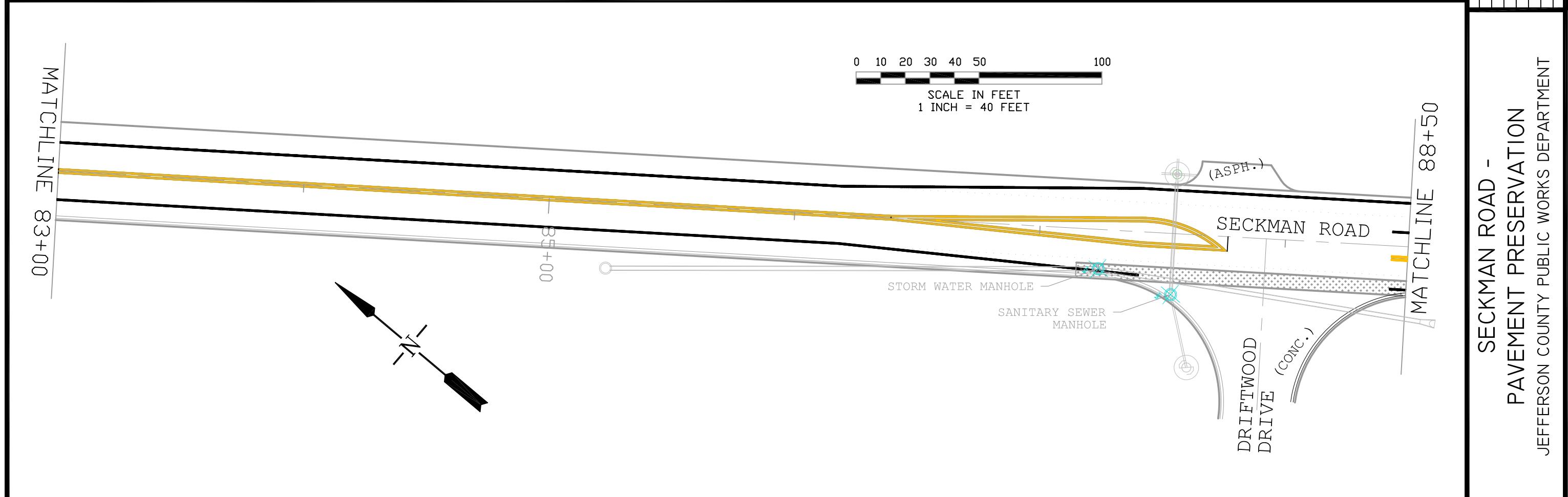
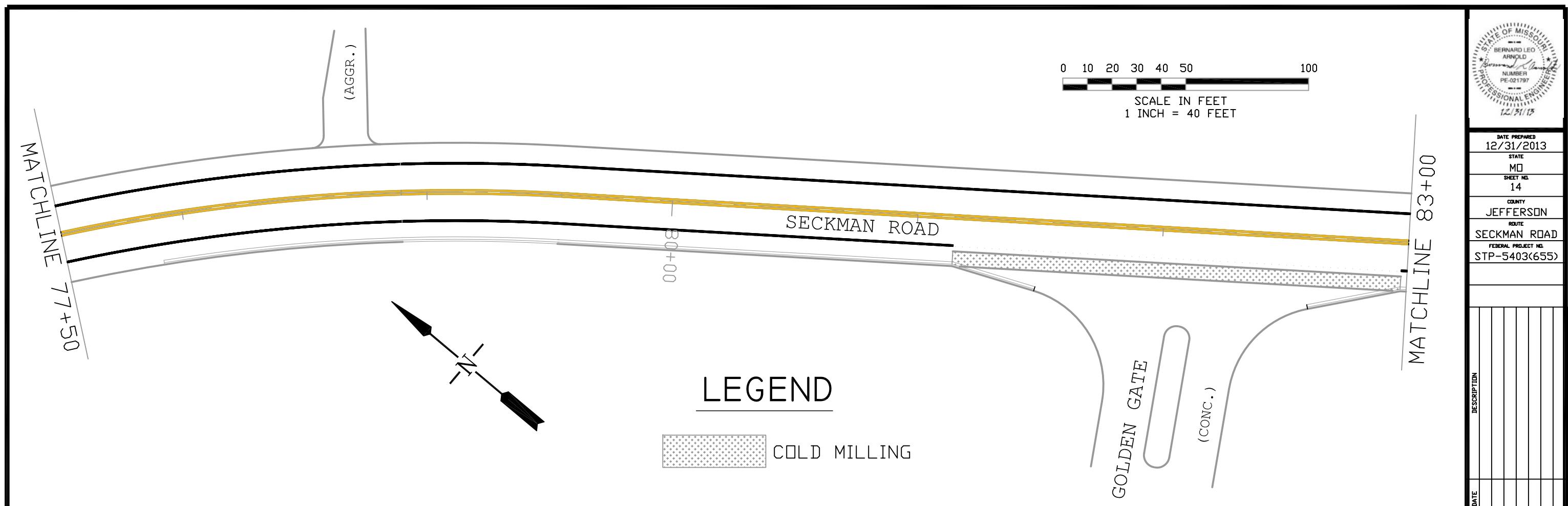


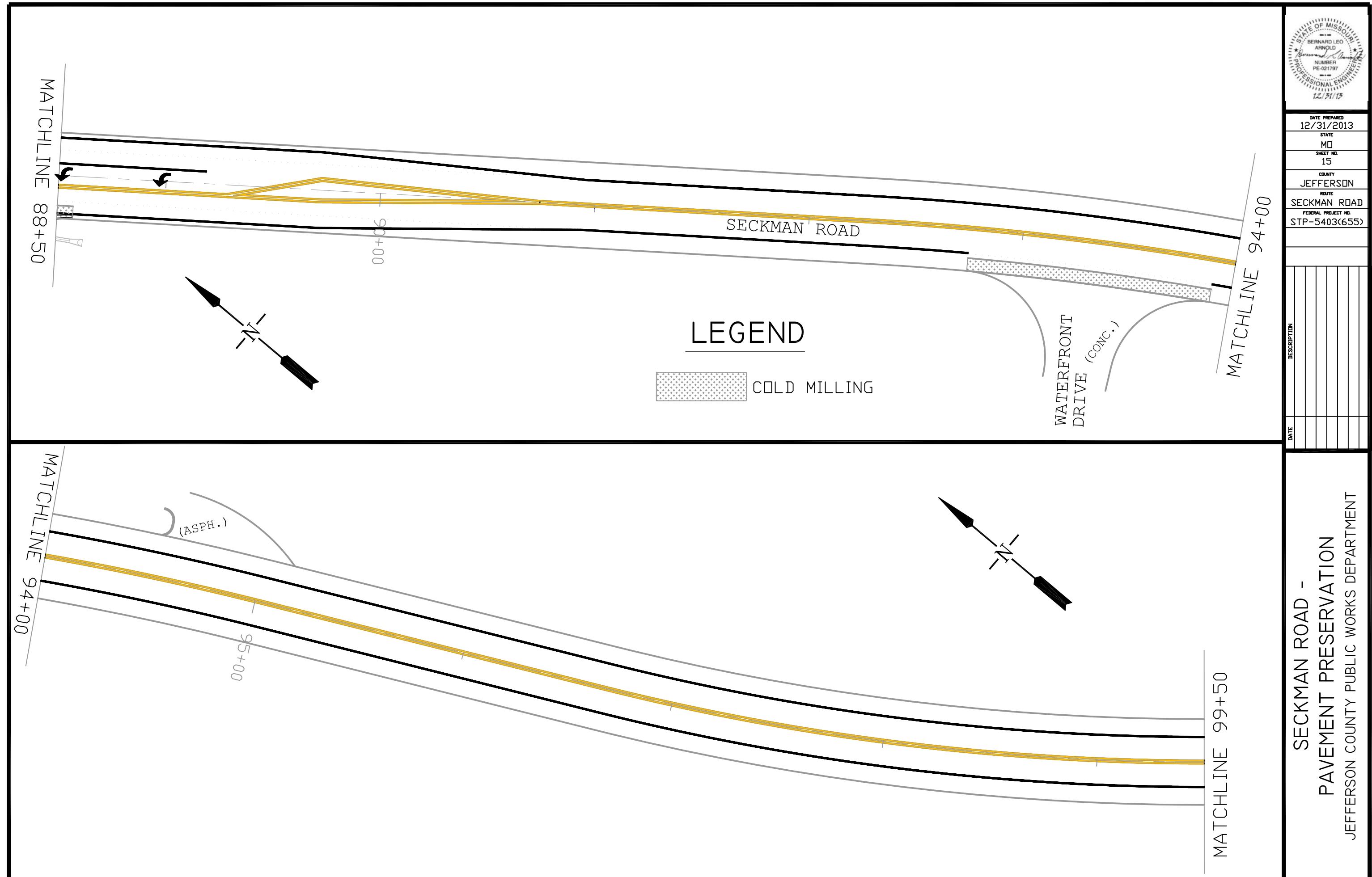
DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
12  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

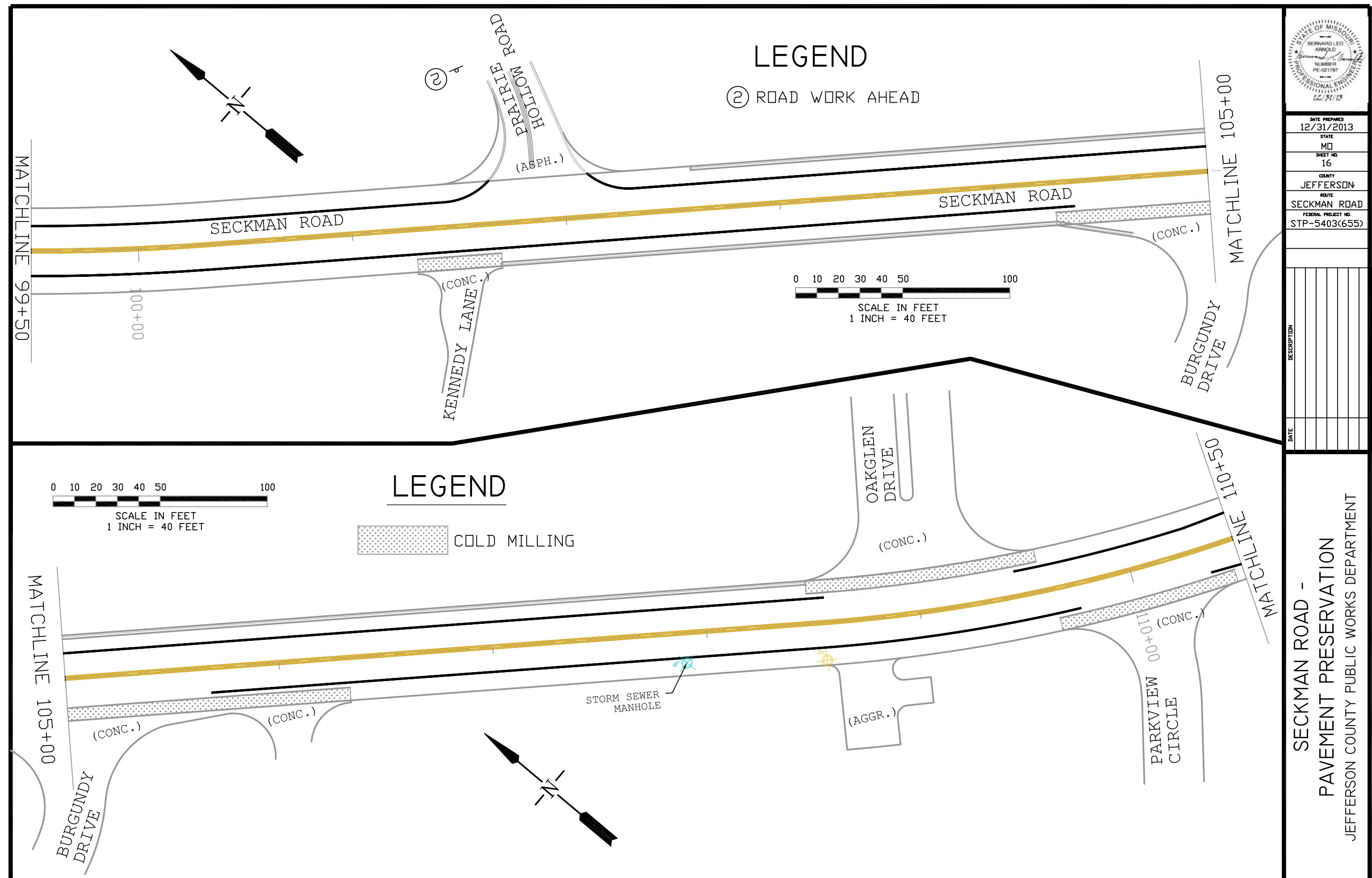
SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

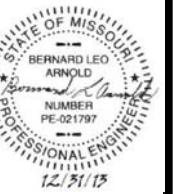












DATE PREPARED  
12/31/2013

STATE  
MO

SHET NO.  
17

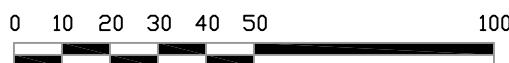
COUNTY  
JEFFERSON

ROUTE  
SECKMAN ROAD

FEDERAL PROJECT NO.  
STP-5403(655)

DATE	DESCRIPTION

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



SCALE IN FEET  
1 INCH = 40 FEET

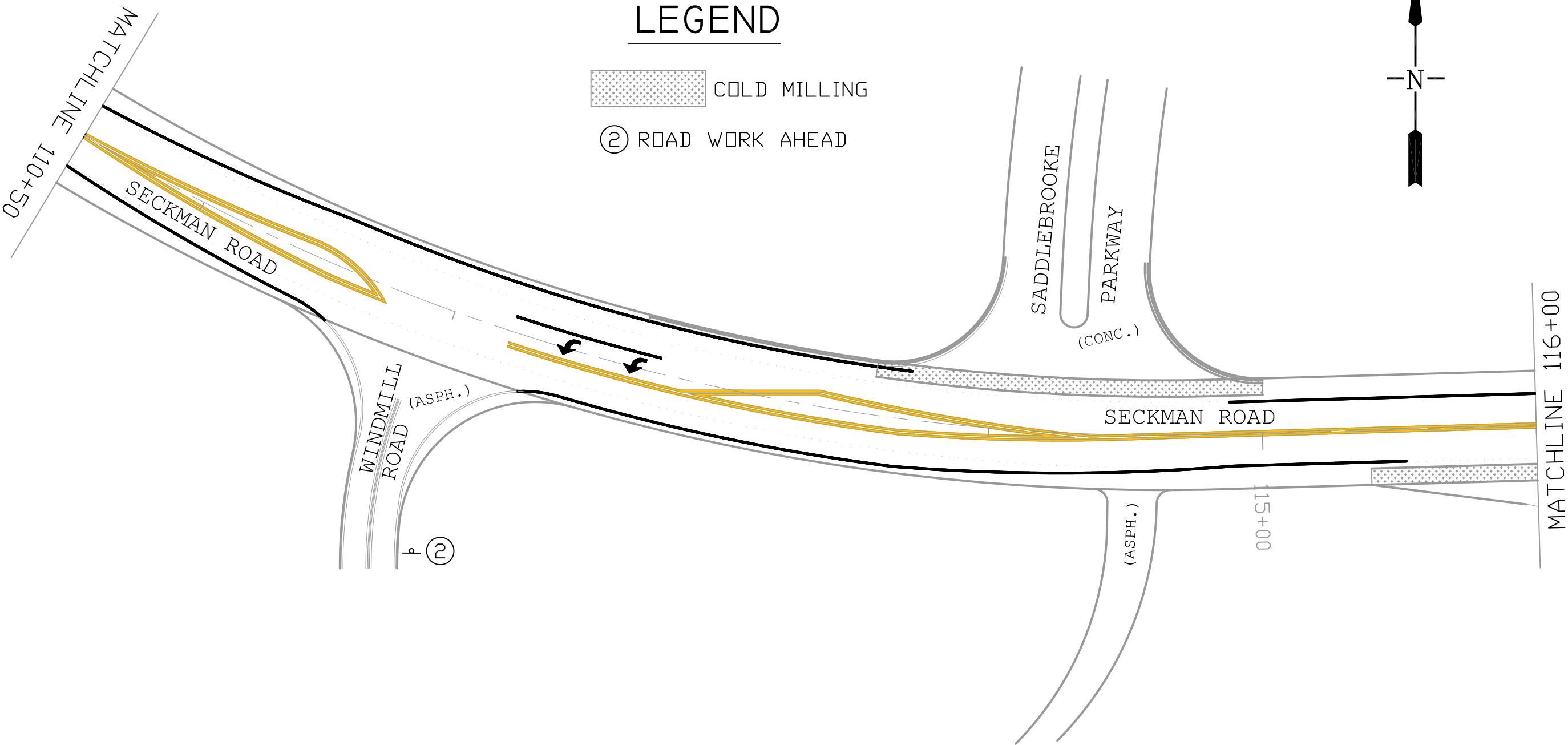
## LEGEND

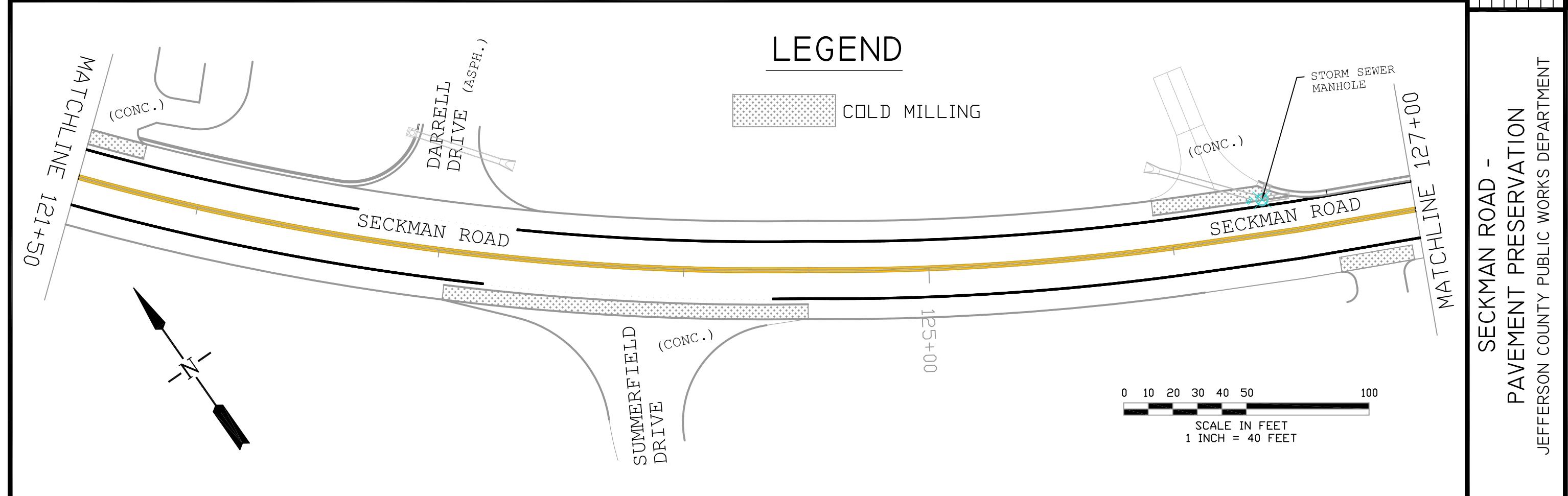
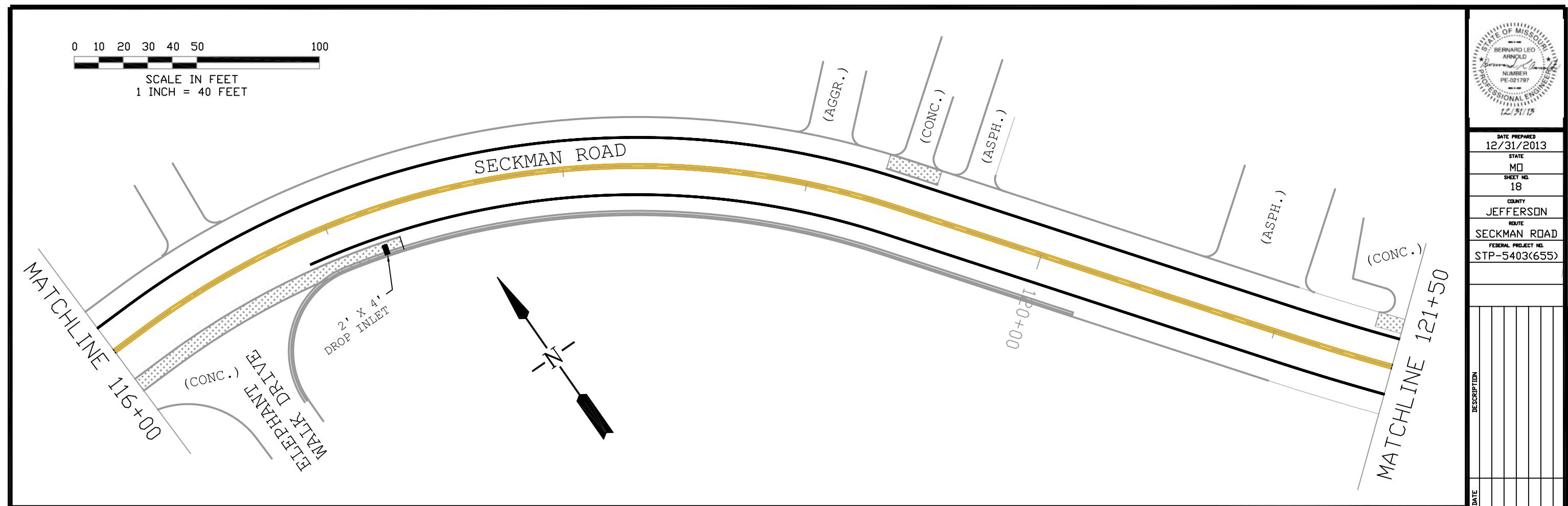


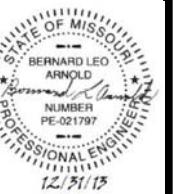
COLD MILLING



② ROAD WORK AHEAD



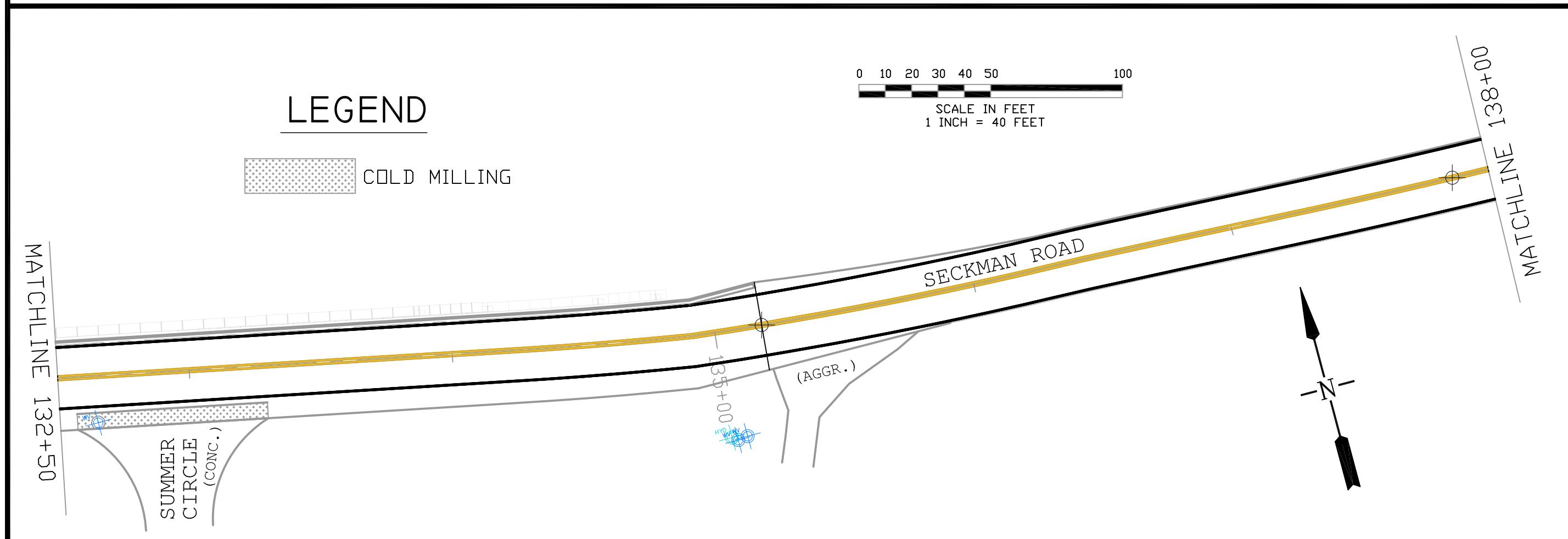
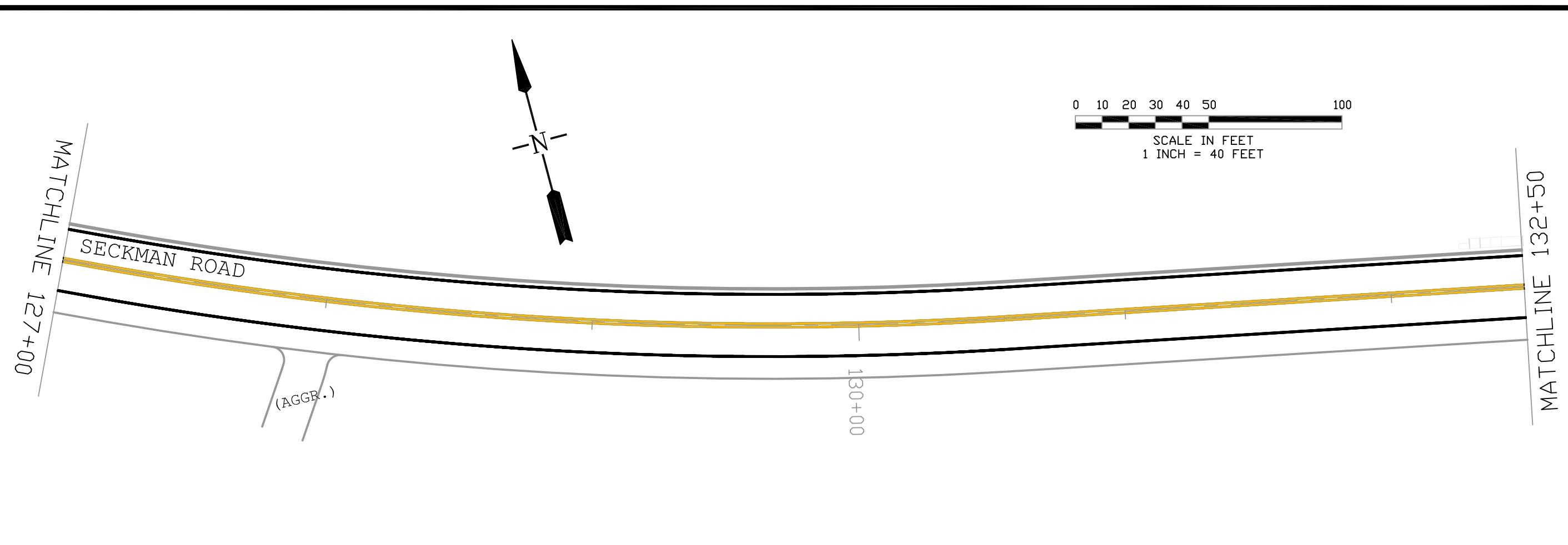


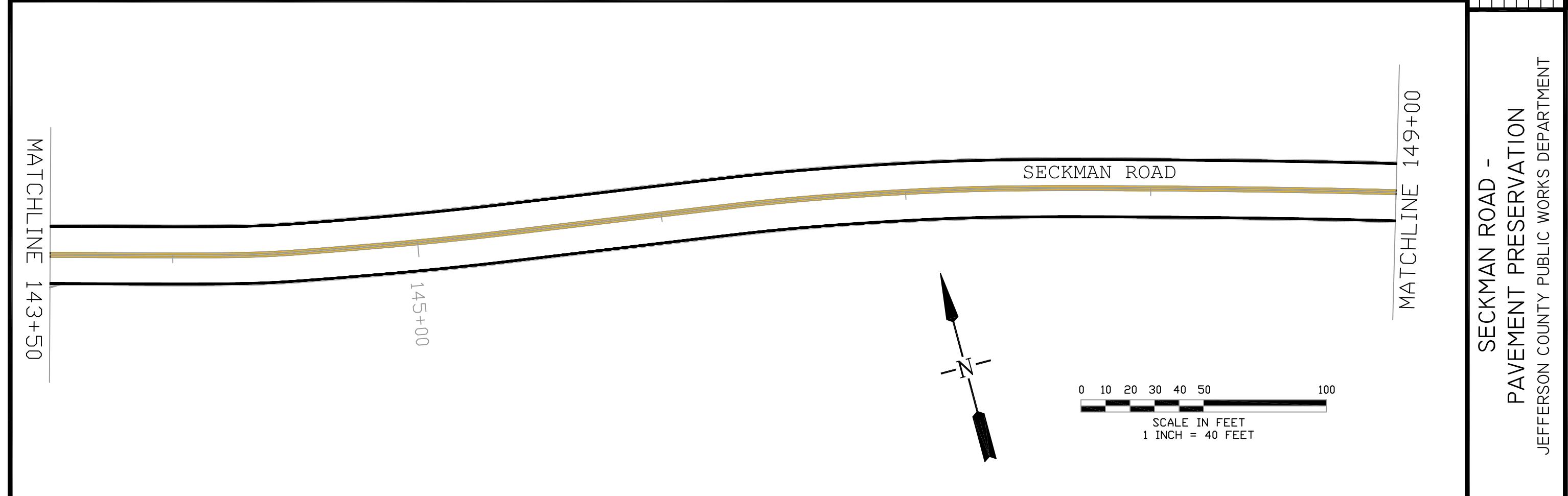
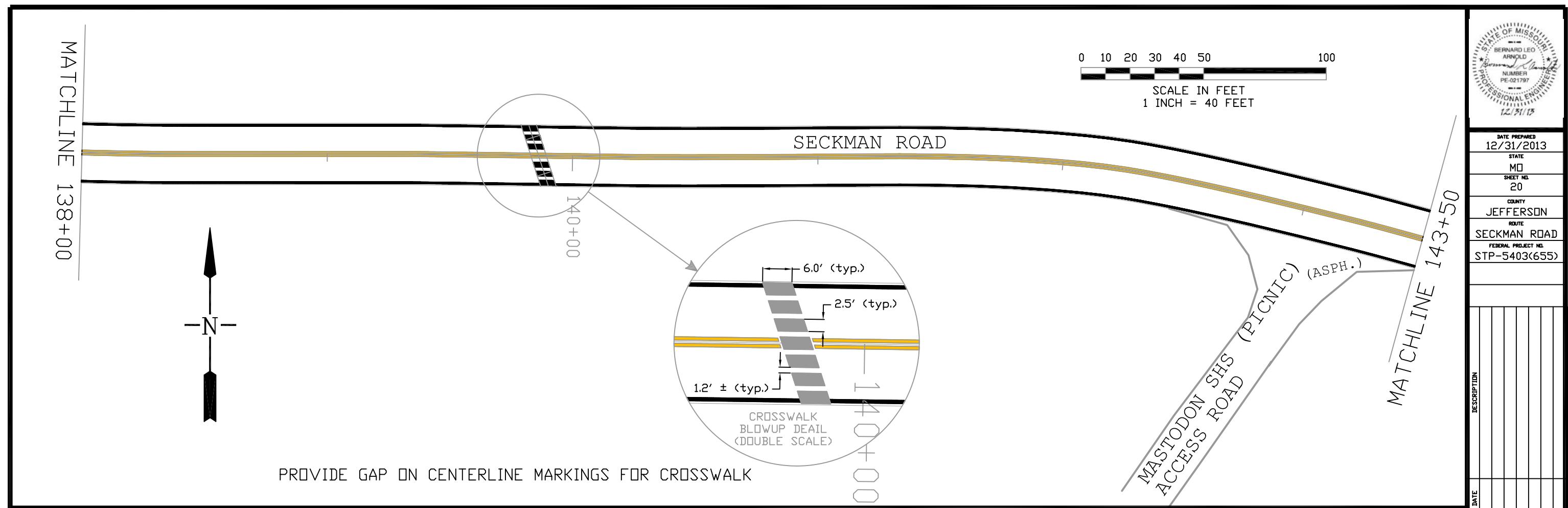


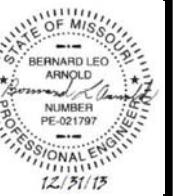
DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
19  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

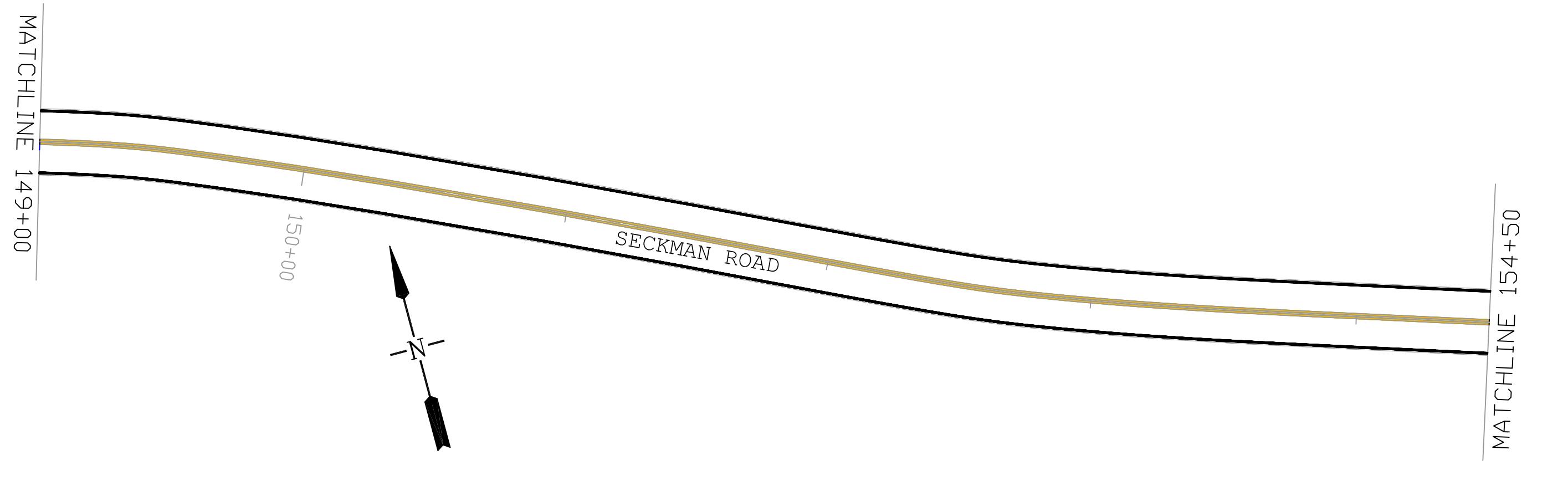




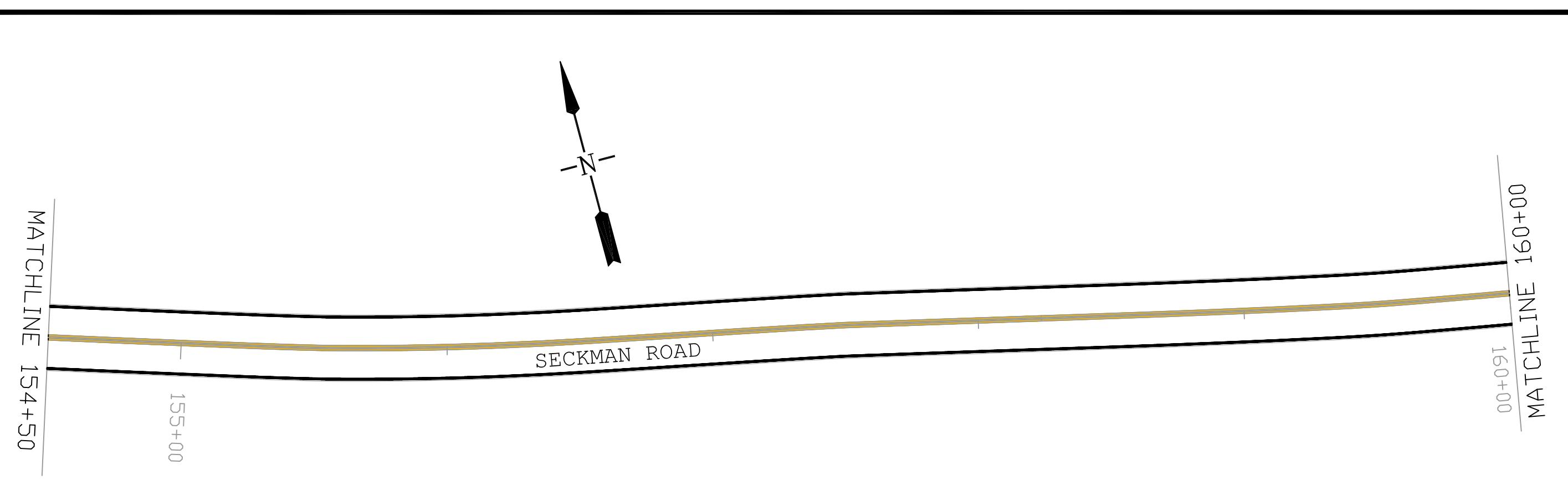


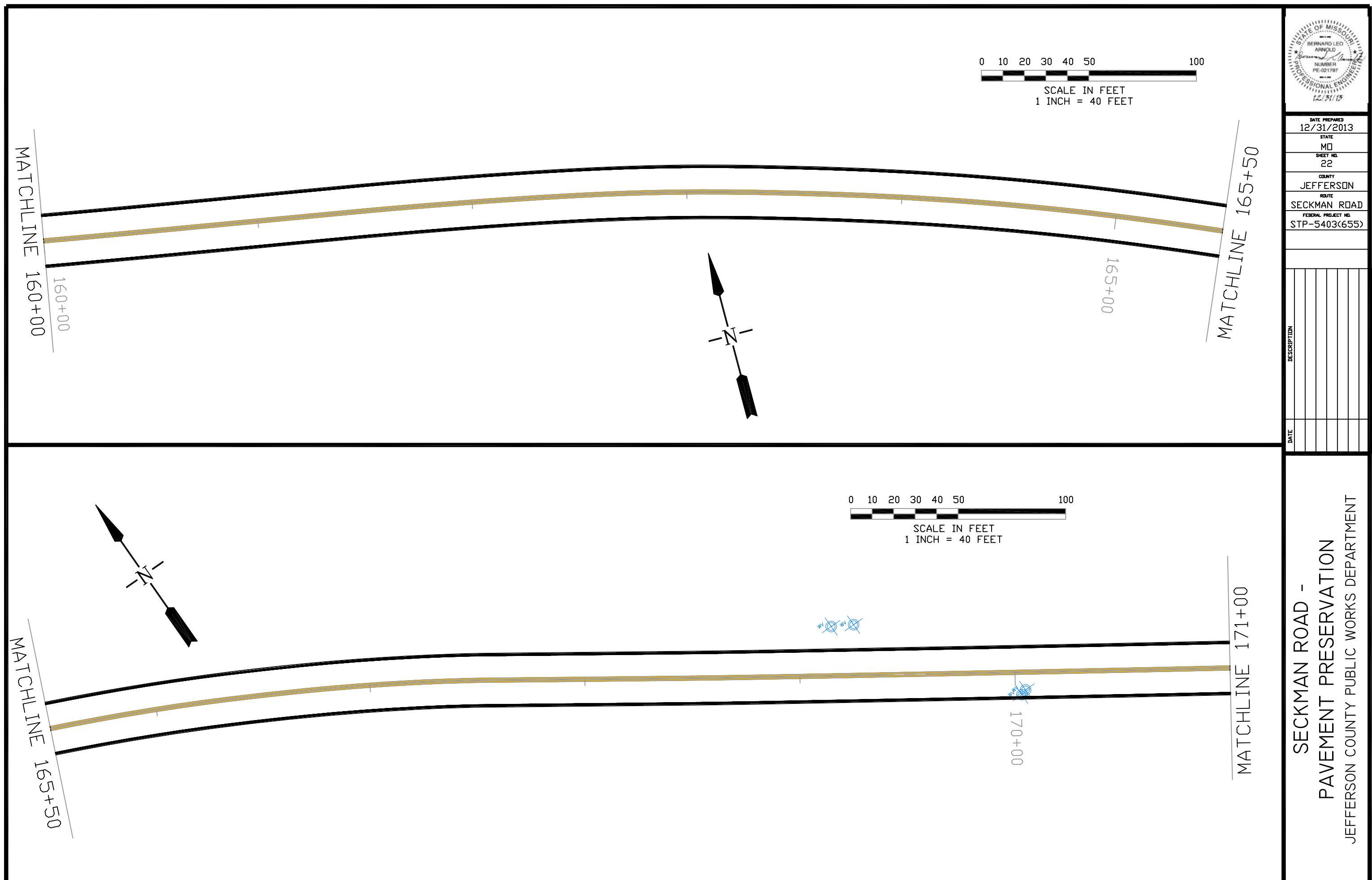
DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
21  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

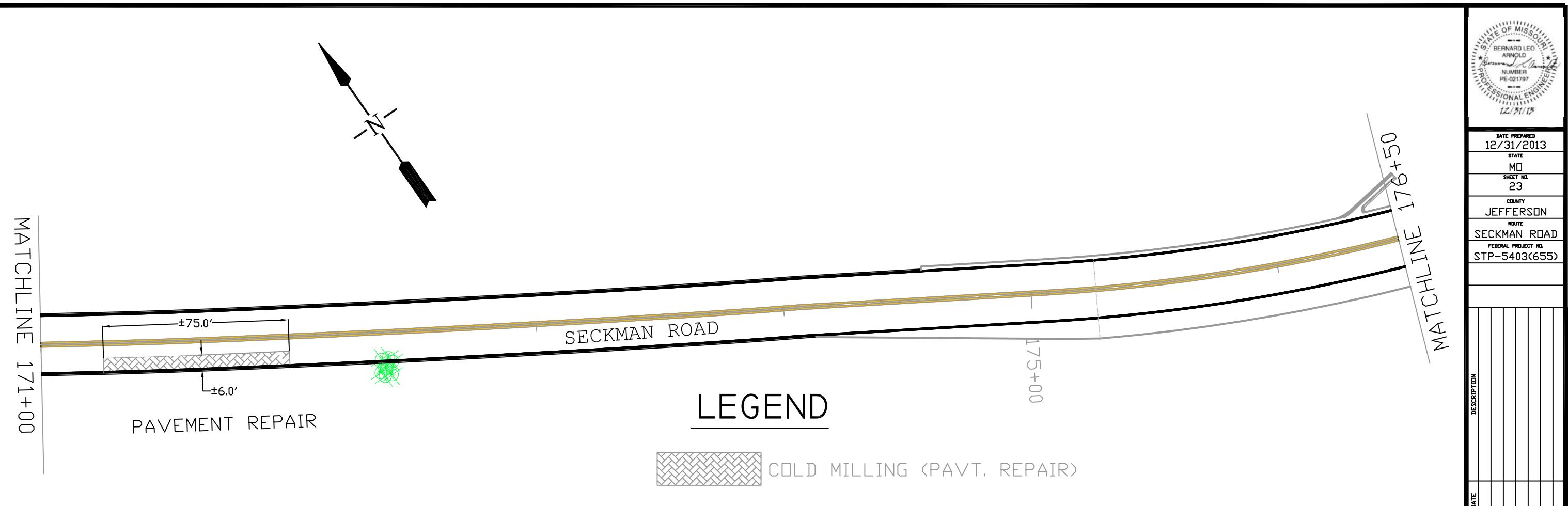
DESCRIPTION  
DATE

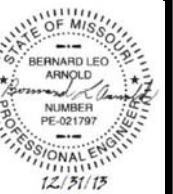


SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT









DATE PREPARED  
12/31/2013  
STATE  
MO  
SHEET NO.  
24  
COUNTY  
JEFFERSON  
ROUTE  
SECKMAN ROAD  
FEDERAL PROJECT NO.  
STP-5403(655)

DESCRIPTION

SECKMAN ROAD -  
PAVEMENT PRESERVATION  
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

0 10 20 30 40 50 100  
SCALE IN FEET  
1 INCH = 40 FEET

MATCHLINE 179+62.51

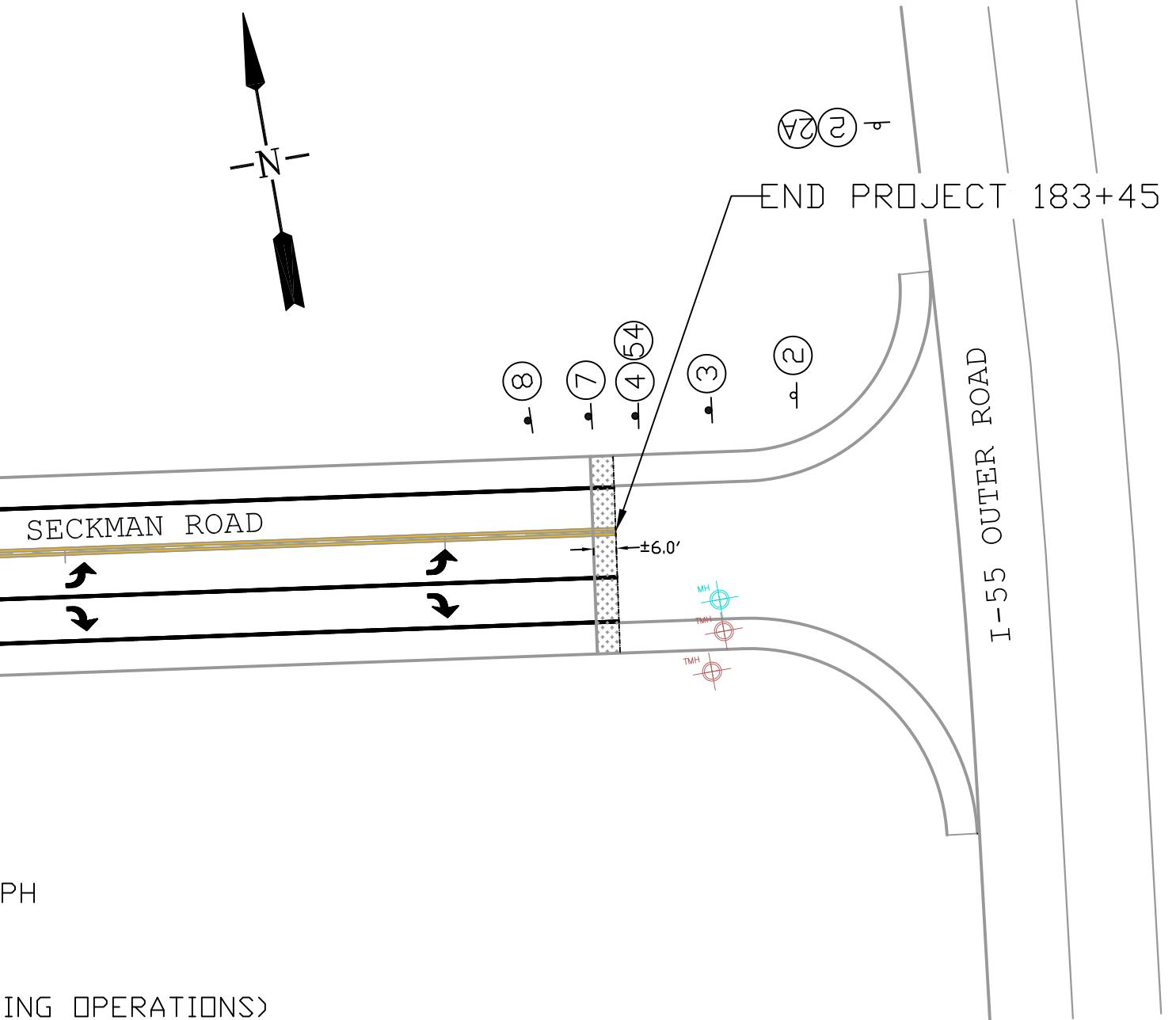
180+00

## LEGEND

- ② ROAD WORK AHEAD
- ③ REDUCED SPEED AHEAD 20 MPH
- ④ SPEED LIMIT 20 MPH
- ⑤4 WORK ZONE (PLAQUE)
- ⑦ ONE LANE ROAD AHEAD (MOVING OPERATIONS)
- ⑧ FLAGGER (SYMBOL)
- ⑨ SPEED LIMIT (NORMAL SPEED)
- ⑩A SUPPLEMENTAL ARROW
- ⑪ RIGHT/CENTER/LEFT LANE CLOSED AHEAD
- ⑫ RIGHT/CENTER/LEFT LANE CLOSED



COLD MILLING



PLACE ALONG  
SHOULDER OF NB  
I-55 OUTER RD

②②A

②②A

END PROJECT 183+45

I-55 OUTER ROAD

②

±6.0'

MH  
TMH  
TMH