

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.

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

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
SHEET NO.	1
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)



JEFFERSON COUNTY
MISSOURI
DIRECTOR OF PUBLIC WORKS
JASON JONAS

APPROVED:

[Signature] 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:

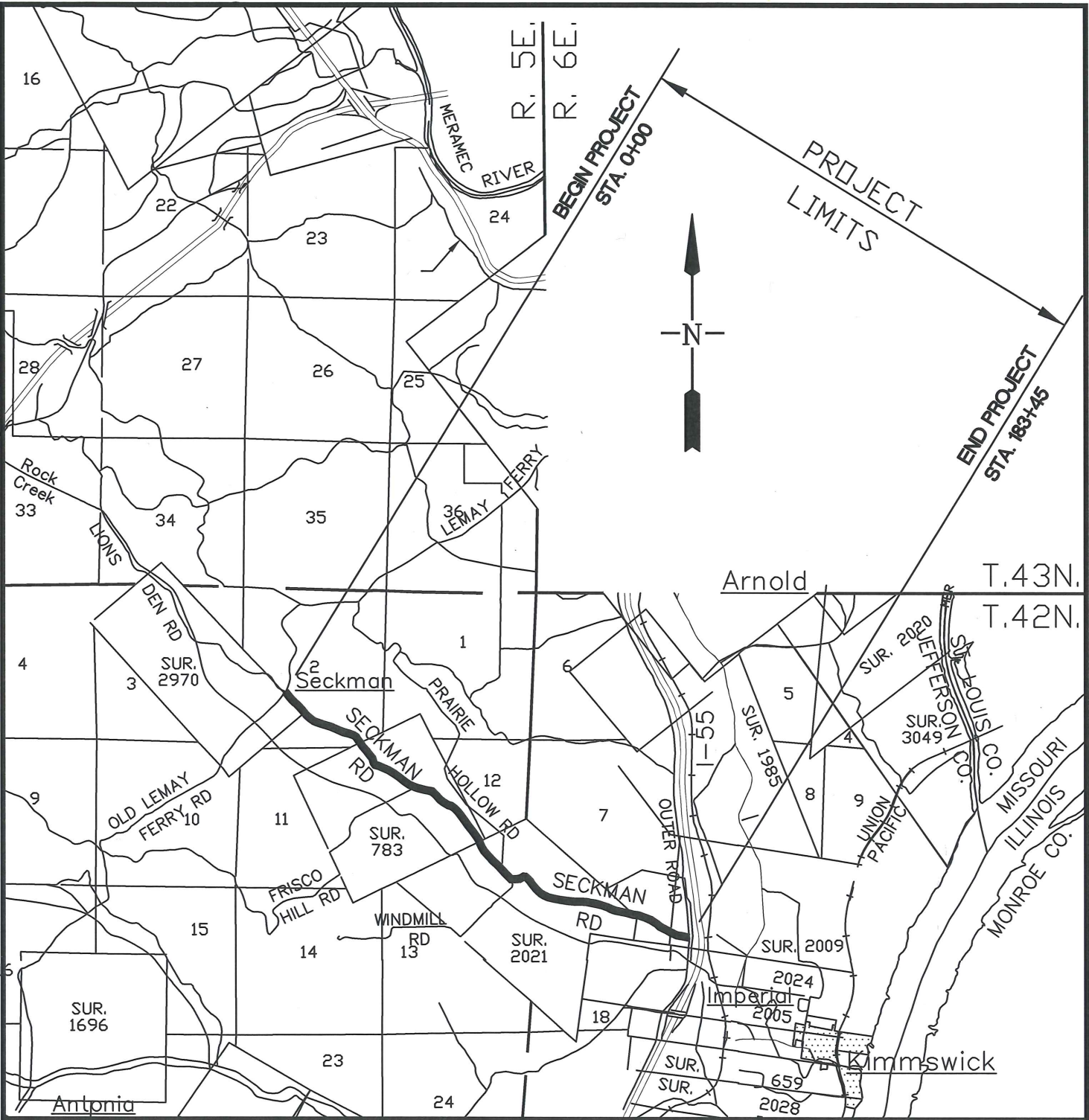
TOTAL CORRECTIONS 0.0 FEET
STATE LENGTH 3.47 MILES
FEDERAL LENGTH 3.47 MILES

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

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 PEDASTAL	
FIRE HYDRANT	
MAILBOX	
SANITARY SEWER MANHOLE	
TELEPHONE PEDASTAL	
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.



SCALE: 1" = 1 MILE

Diagram illustrating the bridge structure and dimensions:

- Bridge width: 2.5'
- Bridge height: 3/4' ±
- Bridge length (TO C/L): 20' ± (STATION 16+00 TO 61+00)
- Bridge length (TO B/L): 12' ± (STATION 126+40 TO 135+20)

Diagram illustrating the plan view of a road section, showing lane markings and pavement details. The total width is 40' TYP., VARIES TO 38.6'.

Key dimensions and markings include:

- 20' TYP., VARIES TO 19.3' (Left side)
- 20' TYP., VARIES TO 19.3' (Right side)
- 12'-0" and varies (Left lane width)
- 12'-0" and varies (Right lane width)
- 4" WHITE EDGELINE MARKING (Left edge)
- 4" WHITE EDGELINE MARKING (Right edge)
- DOUBLE YELLOW MARKING (Centerline)
- C/L* (Centerline)
- TYPE C ULTRATHIN BONDED ASPHALT WEARING SURFACE COURSE (Right lane)
- 4" WHITE EDGELINE MARKING (Right edge)
- EXISTING ASPHALT PAVEMENT (Bottom layer)
- SEE CURB DETAILS (Left side note)

* 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 DETAILS.

Diagram illustrating a curb and gutter cross-section. The gutter width is $3/4" \pm$. The curb height is $1.0'$. The total width of the curb and gutter assembly is $20' \pm$ TO C/L.

VARIES 32' TO 117.4'

VARIES 12.0' TO 68.0'

VARIES 12.5' TO 49.4'

varies

varies

4" WHITE EDGELINE MARKING

DOUBLE 4" YELLOW MARKING

C/L*

TYPE C ULTRATHIN BONDED ASPHALT WEARING SURFACE COURSE

4" WHITE EDGELINE MARKING

EXISTING ASPHALT PAVEMENT

Diagram illustrating the plan view of a 25' wide road section. The total width is 25' TYP. The section is divided into two 12.5' TYP. lanes. The lane width is 11'-6" and varies. The road features a 4" WHITE EDGELINE MARKING on the outer edges and a DOUBLE 4" YELLOW MARKING in the center. The pavement structure includes a TYPE C ULTRATHIN BONDED ASPHALT WEARING SURFACE COURSE and an EXISTING ASPHALT PAVEMENT layer. A centerline (C/L*) is indicated.

32' TYP.

12.0' TYP.

20' TYP.

11'-6" and varies

12'-0" and varies

4" WHITE EDGELINE MARKING

TYPE C ULTRATHIN BONDED ASPHALT WEARING SURFACE COURSE

DOUBLE YELLOW MARKING

4"



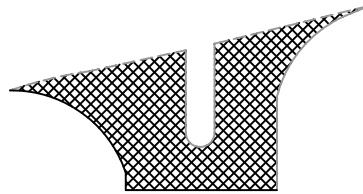
EXISTING ASPHALT PAVEMENT

4" WHITE EDGELINE MARKING

TYPICAL SECTIONS SHEET 1 OF 1



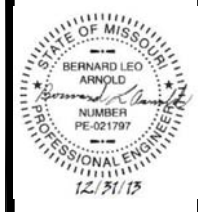
STATION	DISTANCE FROM CENTERLINE / BASELINE		TOTAL WIDTH	AREA (SQ FT)	AREA (SQ YD)
	LT EDGE OF SHOULDER	RT EDGE OF SHOULDER			
0+00	68.0	49.4	117.4		
0+10	42.0	41.5	83.5	1004.5	111.6
0+20	32.8	37.9	70.7	771.0	85.7
0+30	28.0	35.4	63.4	670.5	74.5
0+40	26.1	33.2	59.3	613.5	68.2
0+50	26.2	31.1	57.3	583.0	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	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 WALK AREA SHALL BE THOROUGHLY BLADED CLEANED TO REMOVE ALL LOOSE MATERIAL. THE COST TO REPAIR THE EXISTING SURFACE SHALL BE INCLUDED IN THE PAY ITEM FOR THE			TOTAL	725,179.4 (SQ FT)	80,576 (SQ YD)

ULTRATHIN BONDED ASPHALT WEARING SURFACE IN ACCORDANCE WITH ARTICLE 413.30.

QUANTITY SHEET 1 OF 6

THE EXISTING SURFACE TREATMENT BY THE SCHOOL	TOTAL
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.	



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

[illegible]

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

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	25+21	72	SECKMAN SCHOOL - EAST ENTRANCE	48.0	FROM 32' RIGHT TO 38' RIGHT
					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	DAKGLEN 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						

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

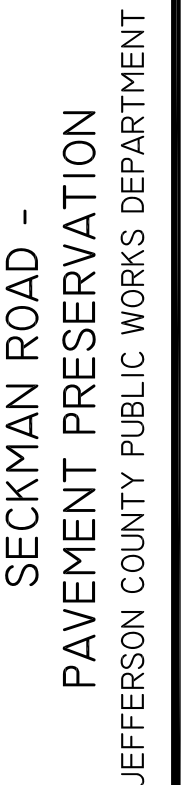
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

QUANTITY SHEET 2 OF 6

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'

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 EXTEN. - DOUBLE LINES	358	VARIES FROM 0.0' TO 5.0' LEFT
60+38	60+70	32	TURN LANE EXTEN. - DOUBLE LINES	65	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
58+59	60+70	211	TURN LANE EXTEN. - 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 EXTEN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' LEFT
86+39	87+41	102	TURN LANE EXTEN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' RIGHT
87+41	87+77	36	TURN LANE EXTEN. - DOUBLE LINES	73	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
87+41	87+77	36	TURN LANE EXTEN. - 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 EXTEN. - DOUBLE LINES	184	VARIES FROM 0.0' TO 5.0' LEFT
110+50	111+52	102	TURN LANE EXTEN. - DOUBLE LINES	204	VARIES FROM 0.0' TO 5.0' RIGHT
111+42	111+76	34	TURN LANE EXTEN. - DOUBLE LINES	69	VARIES FROM 5.0' LEFT TO 5.0' RIGHT
111+52	111+76	24	TURN LANE EXTEN. - 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)

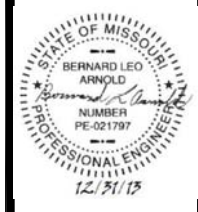
QUANTITY SHEET 3 OF 6



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	VARIABLE 68' LEFT TO 20' LEFT
0+55	1+47	92	LEFT EDGE	92	VARIABLE 20' LEFT TO 19.3' LEFT
2+05	2+66	61	LEFT EDGE	61	VARIABLE 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	VARIABLE 12.0' LEFT TO 13.7' LEFT
7+81	8+06	25	LEFT EDGE	25	VARIABLE 15.2' LEFT TO 16.2' LEFT
8+33	9+10	77	LEFT EDGE	77	VARIABLE 16.9' LEFT TO 17.7' LEFT
9+10	9+46	36	LEFT EDGE	39	VARIABLE 17.7' LEFT TO 26.0' LEFT
10+20	10+57	37	LEFT EDGE	39	VARIABLE 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	VARIABLE 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	VARIABLE 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	VARIABLE 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	VARIABLE 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	VARIABLE 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	VARIABLE 12.0' LEFT TO 20.0' LEFT
102+11	102+32	21	LEFT EDGE	21	VARIABLE 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	VARIABLE 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	VARIABLE 50' RIGHT TO 32' RIGHT
0+29	1+02	73	RIGHT EDGE	78	VARIABLE 32' RIGHT TO 19' RIGHT
1+02	2+61	159	RIGHT EDGE	164	VARIABLE 19' RIGHT TO 12' RIGHT
2+61	6+72	411	RIGHT EDGE	411	12' RIGHT
6+72	8+69	197	RIGHT EDGE	197	VARIABLE 12' RIGHT TO 30' RIGHT
8+69	9+55	86	RIGHT EDGE	86	VARIABLE 30' RIGHT TO 32' RIGHT
9+55	10+65	110	RIGHT EDGE	110	VARIABLE 32' RIGHT TO 33' RIGHT
10+65	11+53	88	RIGHT EDGE	88	VARIABLE 33' RIGHT TO 32' RIGHT
11+53	12+10	57	RIGHT EDGE / RETURN RADIUS	90	VARIABLE 32' RIGHT TO 91' RIGHT
12+61	13+19	58	RIGHT EDGE / RETURN RADIUS	103	VARIABLE 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	VARIABLE 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	VARIABLE 30' RIGHT TO 38' RIGHT	
25+15	26+00	85	RIGHT EDGE / RETURN RADIUS	86	VARIABLE 31' RIGHT TO 18' RIGHT	
26+00	27+78	178	RIGHT EDGE	178	18' RIGHT	
27+78	29+58	180	RIGHT EDGE	180	VARIABLE 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	VARIABLE 12' RIGHT TO 18' RIGHT	
60+64	60+76	12	RIGHT EDGE	12	VARIABLE 18' RIGHT TO 20' RIGHT	
61+40	61+53	13	RIGHT EDGE	13	VARIABLE 20' RIGHT TO 18' RIGHT	
61+53	62+34	81	RIGHT EDGE	81	18' RIGHT	
62+34	63+90	156	RIGHT EDGE	157	VARIABLE 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	VARIABLE 12' RIGHT TO 18' RIGHT	
88+43	89+72	129	RIGHT EDGE	129	18' RIGHT	
89+72	90+95	123	RIGHT EDGE	123	VARIABLE 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	VARIABLE 12' RIGHT TO 18' RIGHT	
111+44	111+58	14	RIGHT EDGE	14	VARIABLE 18' RIGHT TO 20' RIGHT	
112+30	112+45	15	RIGHT EDGE	15	VARIABLE 20' RIGHT TO 18' RIGHT	
112+45	113+67	122	RIGHT EDGE	122	18' RIGHT	
113+67	114+89	122	RIGHT EDGE	125	VARIABLE 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	VARIABLE 12' RIGHT TO 24' RIGHT	
181+42	183+45	203	RIGHT EDGE	203	24' RIGHT	
CONTINUE NEXT SHEET			SUBTOTAL	34,718	LINEAL FEET	

*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



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

[illegible]

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	I	LUMP SUM
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REMOVE AND RE-INSTALL SIGN ASSEMBLY

	TOTAL	I	EACH
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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	VARIES FROM 20' RIGHT TO 46' RIGHT
12+18			PAINTED TRAFFIC ISLAND - XWALK	31	VARIES FROM 20' RIGHT TO 51' RIGHT
19+74			PAINTED TRAFFIC ISLAND	13	VARIES FROM 18' RIGHT TO 31' RIGHT
24+77			PAINTED TRAFFIC ISLAND	13	VARIES FROM 18' RIGHT TO 31' RIGHT
TOTAL				83	LINEAL FEET (PAY)

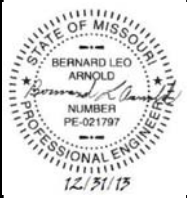
PERMANENT PAVEMENT MARKINGS

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	VARIES FROM 6.0' LEFT TO 35' LEFT
0+25			WB LEFT TURN LANE - STOP BAR	12	VARIES FROM 6.0' LEFT TO 6.0' RIGHT
12+54	12+83		SCHOOL EXT - STOP BAR	32	VARIES FROM 34.0' RIGHT TO 45.0' RIGHT
TOTAL				73	LINEAL FEET (PAY)

NOTES

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

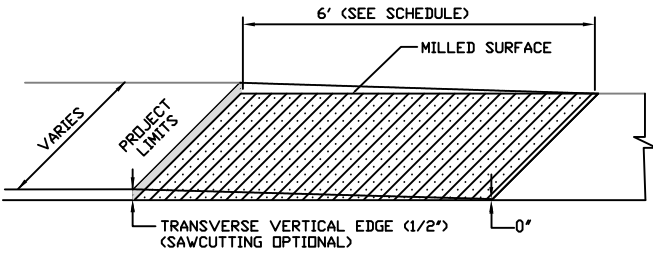
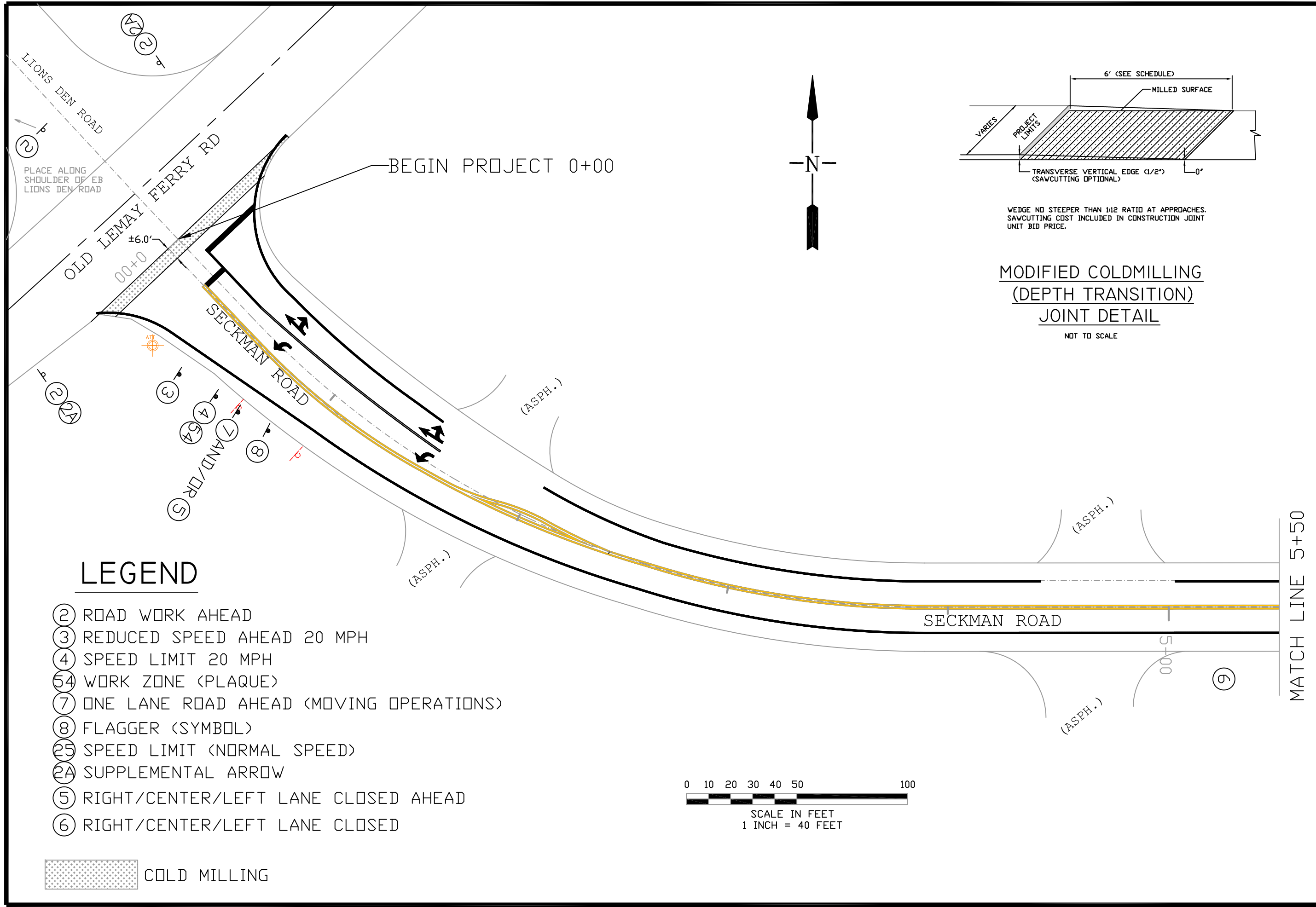
ALL LAYOUT WORK SHALL BE FIELD VERIFIED AND ADJUSTED
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SOME QUANTITIES INCLUDE ADJUSTMENTS FOR LANE SHIFTS



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

[illegible]

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



MODIFIED COLDMILLING
(DEPTH TRANSITION)
JOINT DETAIL
NOT TO SCALE

DATE PREPARED
12/31/2013

STATE
MO

SHEET NO.
3

COUNTY
JEFFERSON

ROUTE
SECKMAN ROAD

FEDERAL PROJECT NO.
STP-5403(655)

DATE	DESCRIPTION

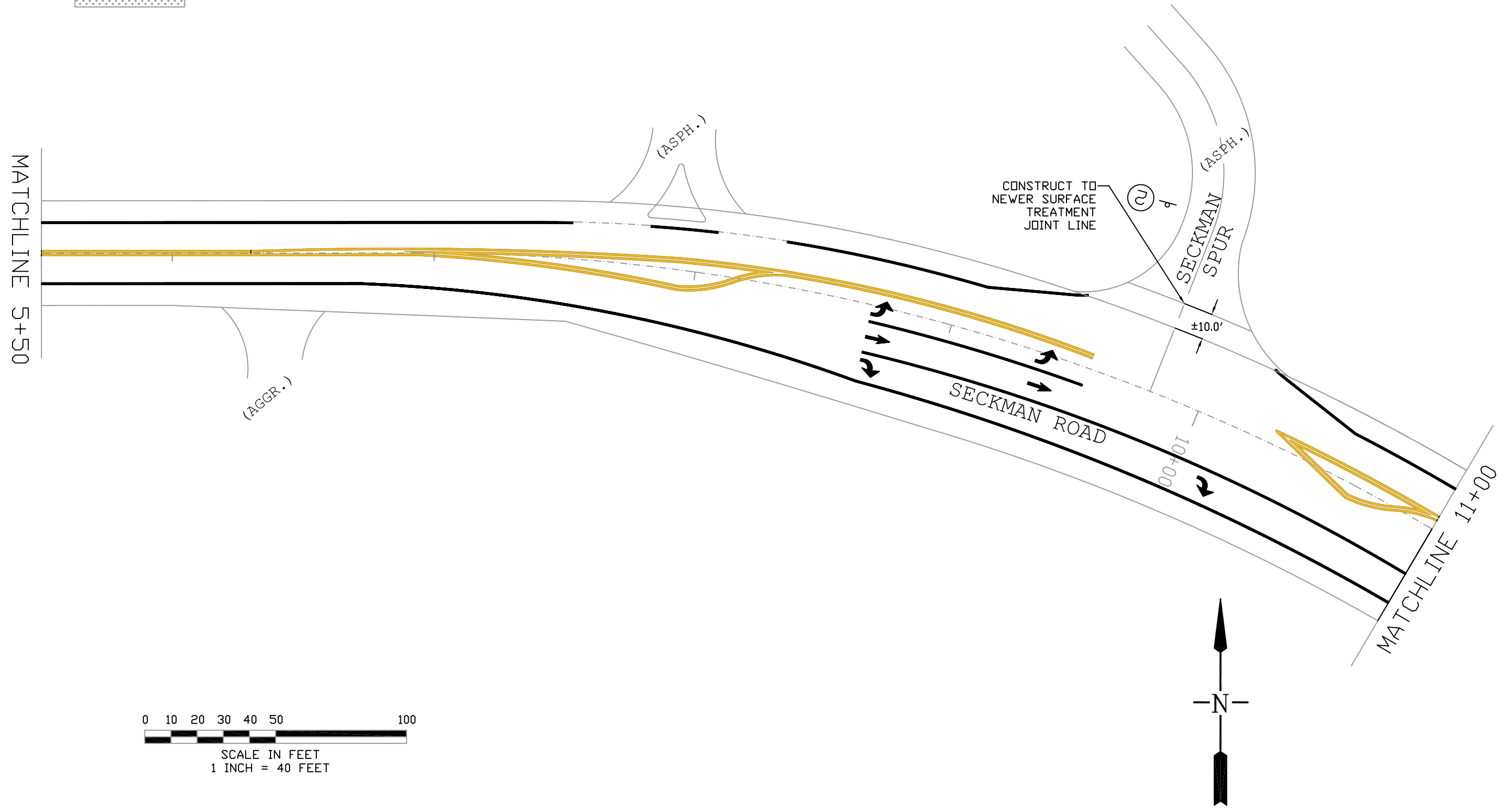
SECKMAN ROAD -

PAVEMENT PRESERVATION

JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

LEGEND

- ② ROAD WORK AHEAD
- COLD MILLING

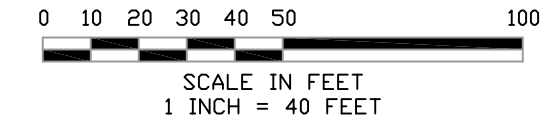
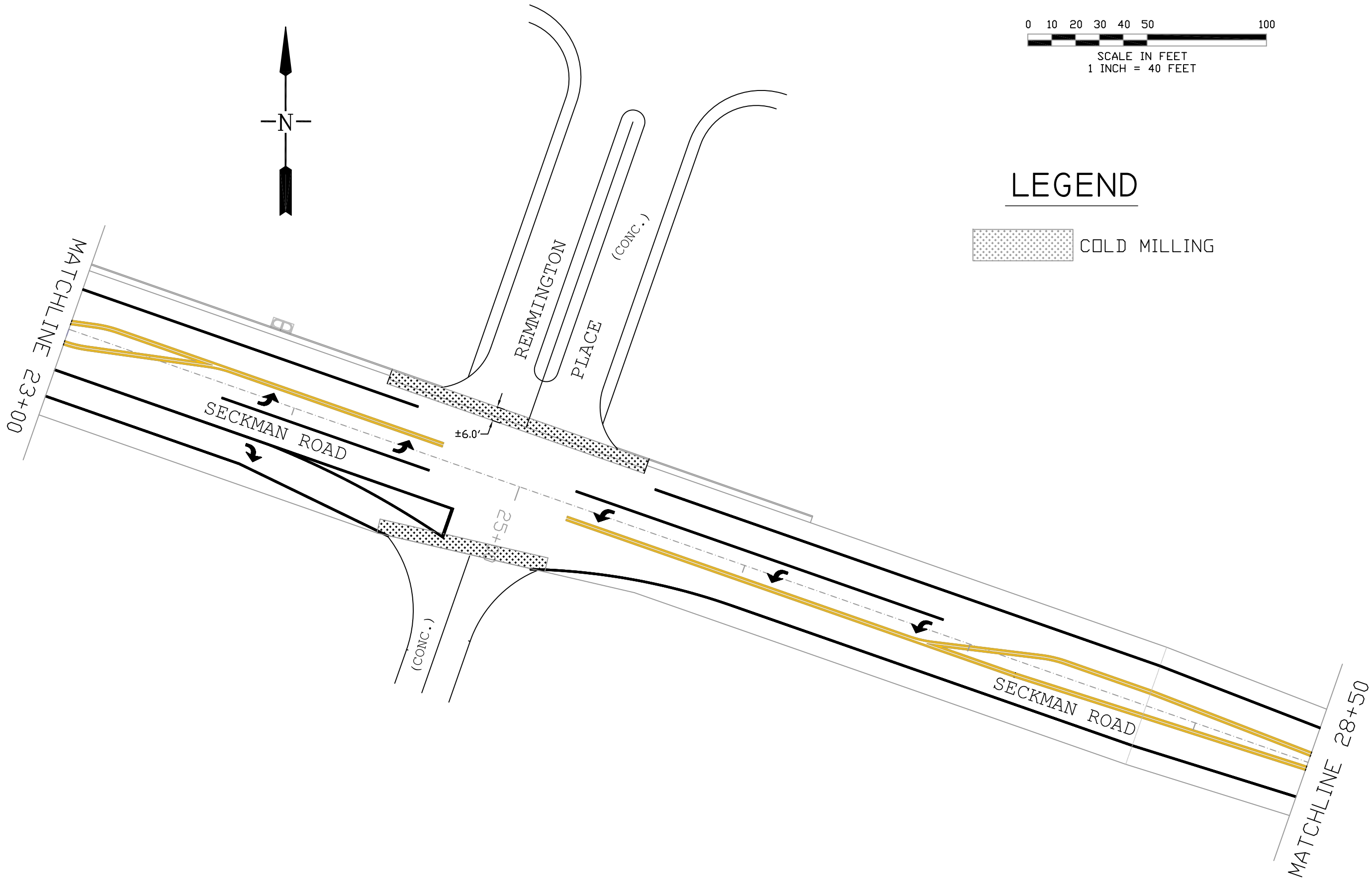


STATE OF MISSOURI
BERNARD LEO
ARNOLD
NUMBER
PE-021791
PROFESSIONAL ENGINEER
12/31/13

DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	4
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

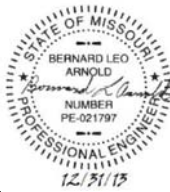
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SECKMAN ROAD -
PAVEMENT PRESERVATION
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LEGEND

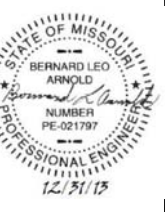
 COLD MILLING



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

DATE	DESCRIPTION

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



DATE PREPARED
12/31/2013

STATE
MO

SHEET NO.
8

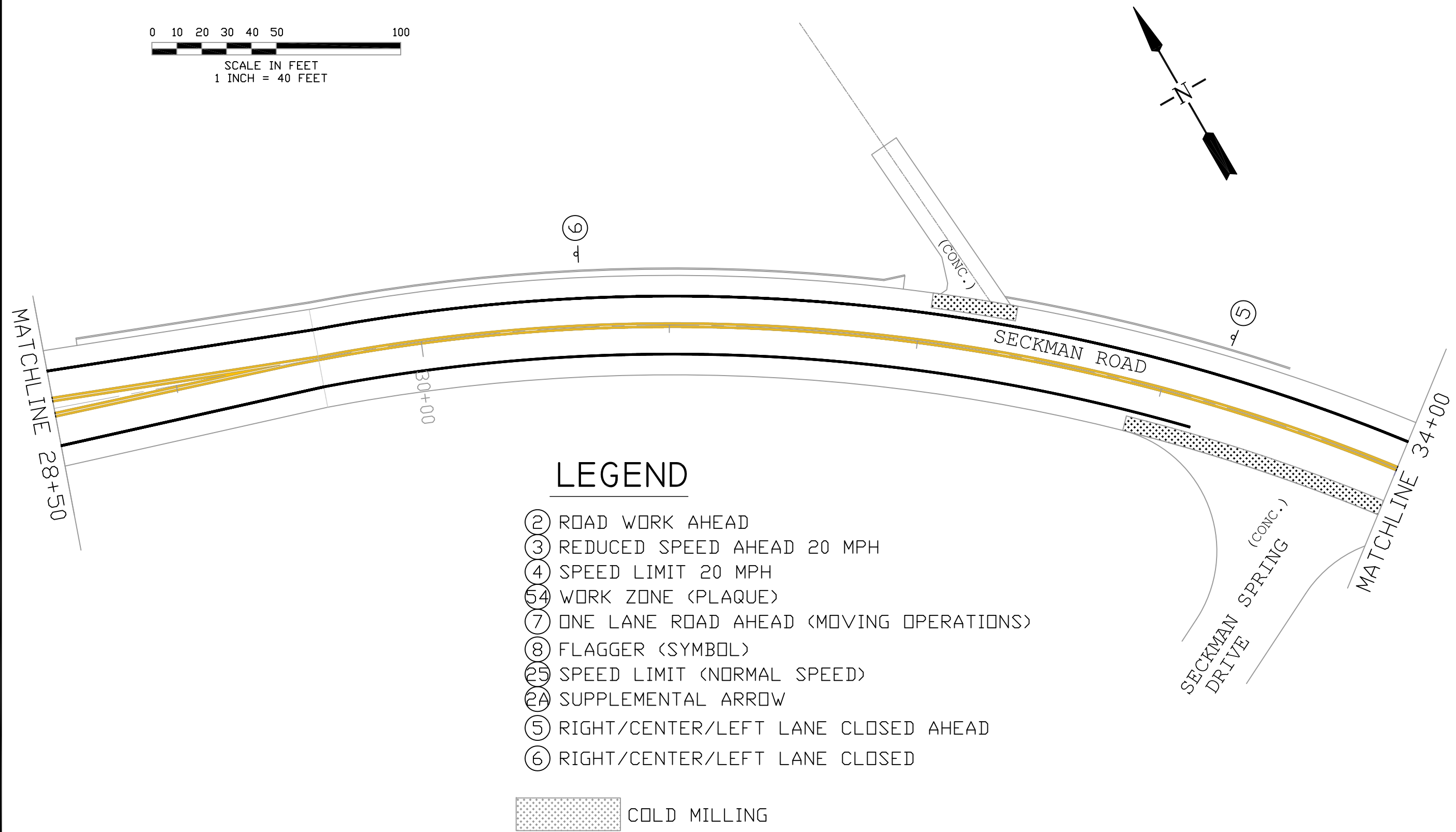
COUNTY
JEFFERSON

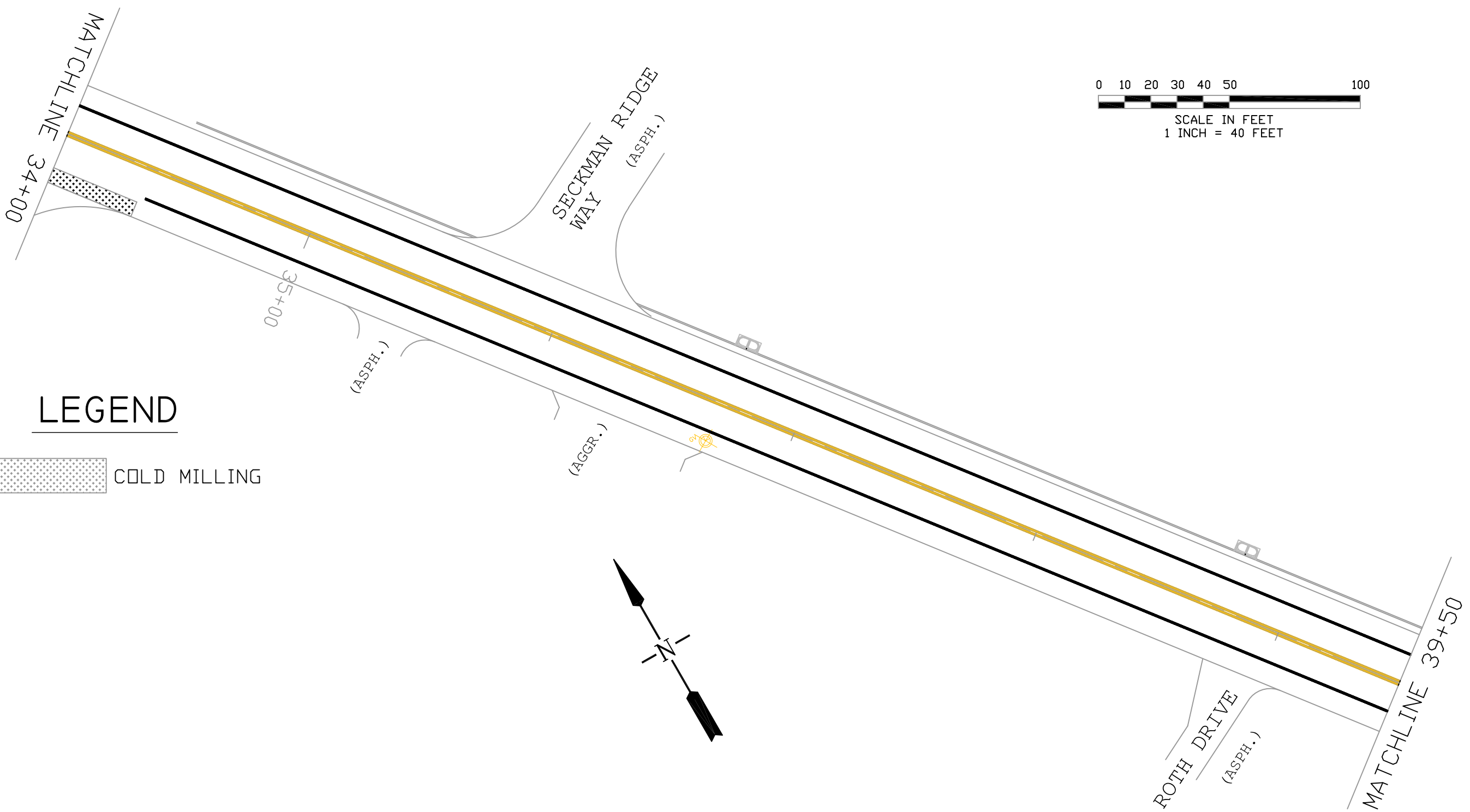
ROUTE
SECKMAN ROAD

FEDERAL PROJECT NO.
STP-5403(655)

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SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT

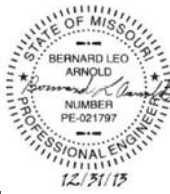
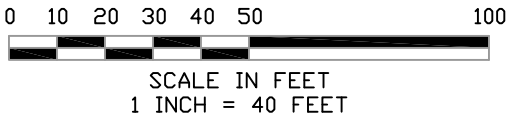




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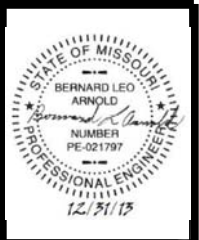
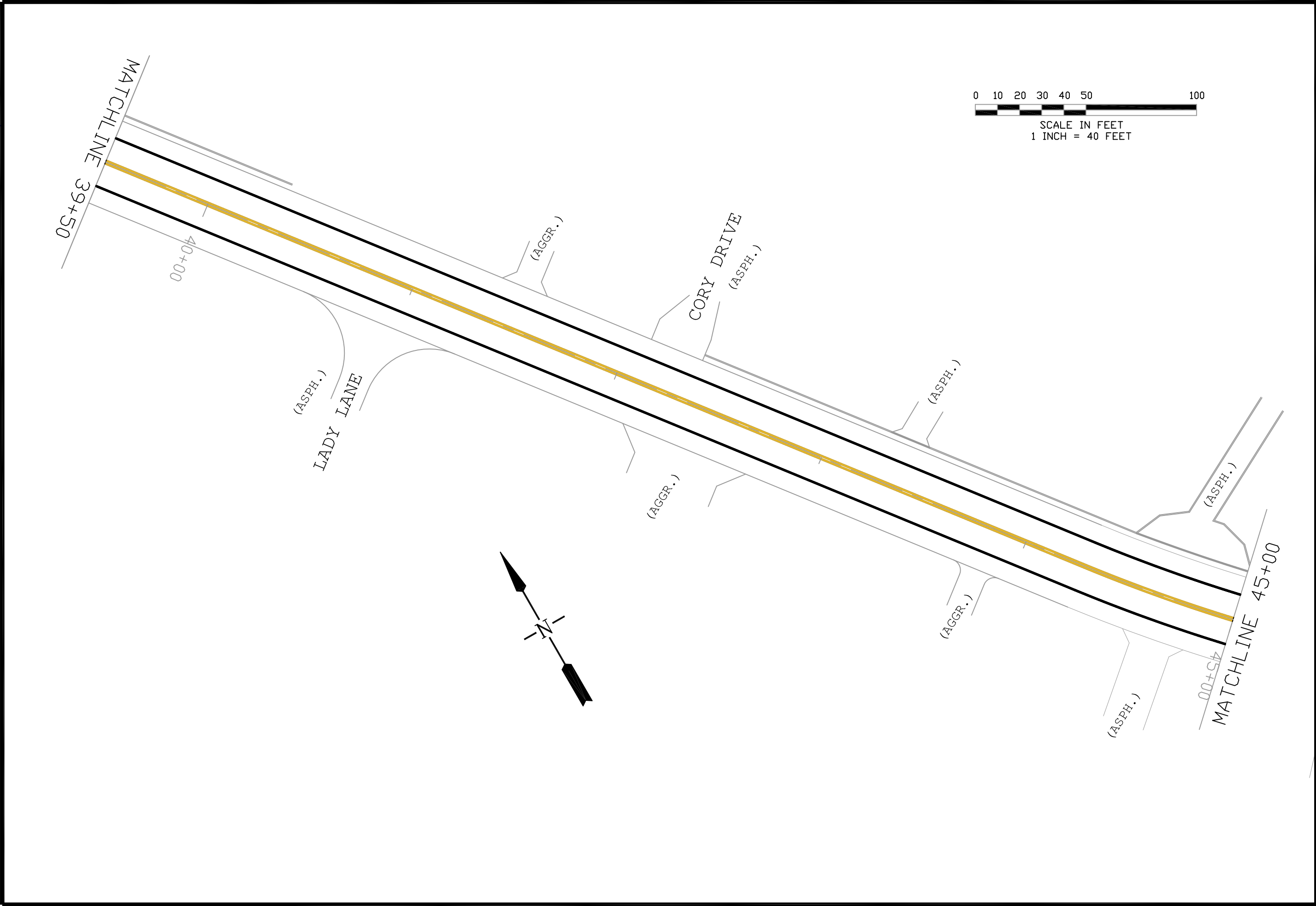
COLD MILLING



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

DATE	DESCRIPTION

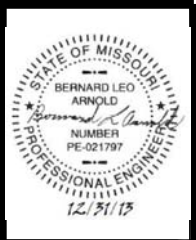
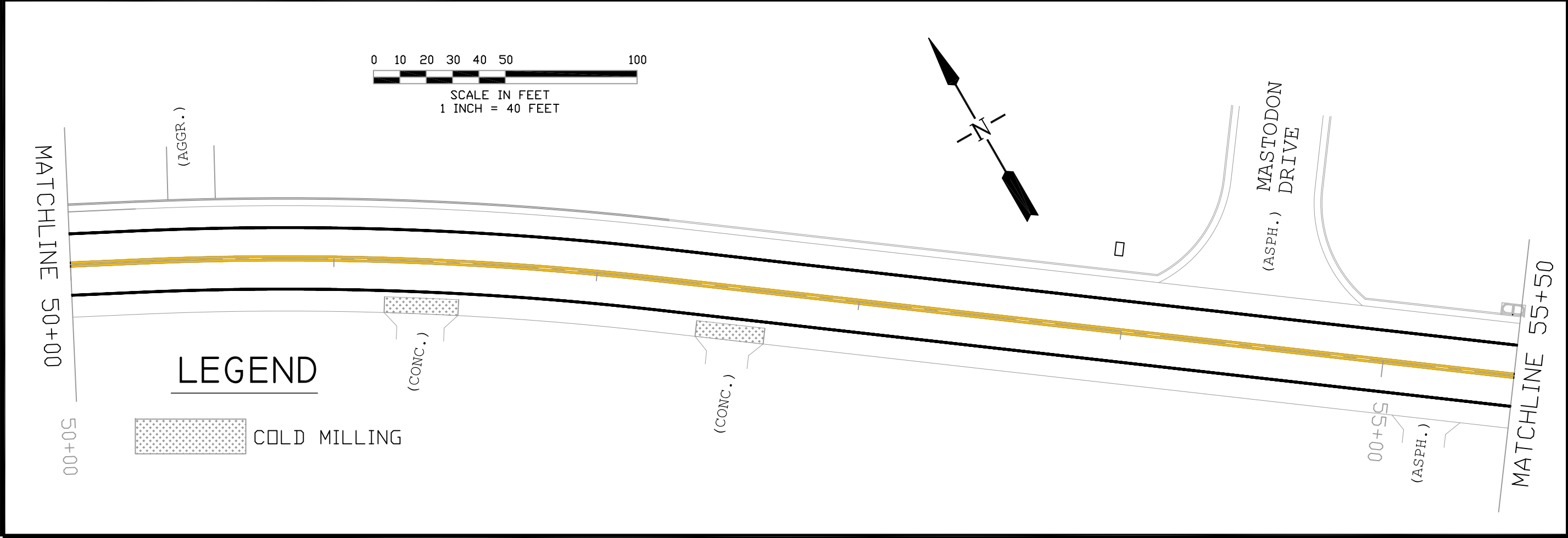
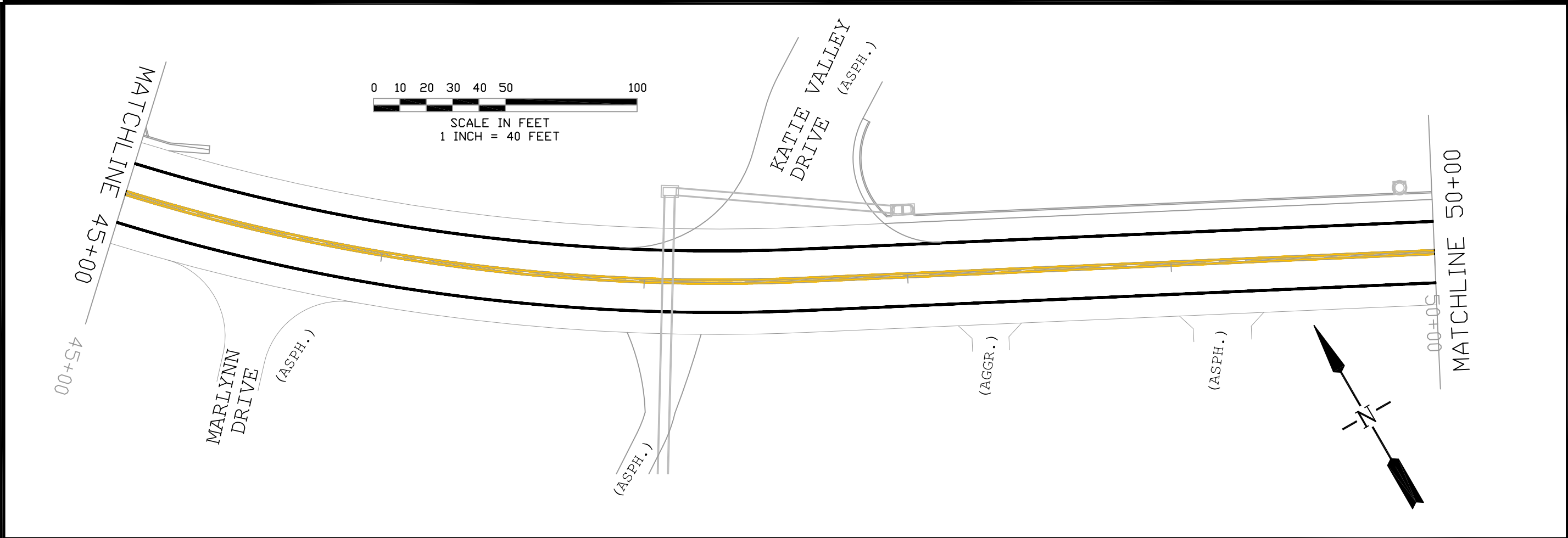
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



DATE PREPARED	12/31/2013
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SHEET NO.	10
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

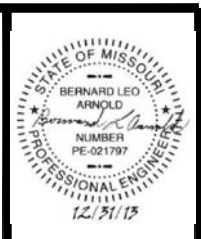
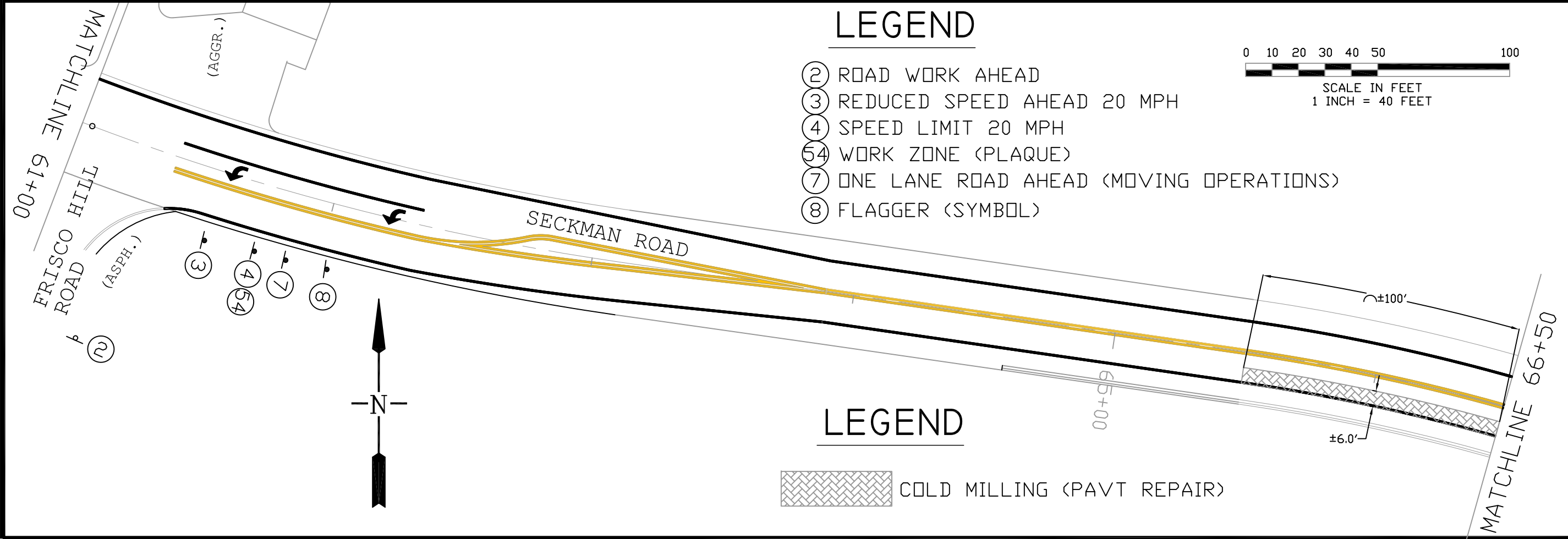
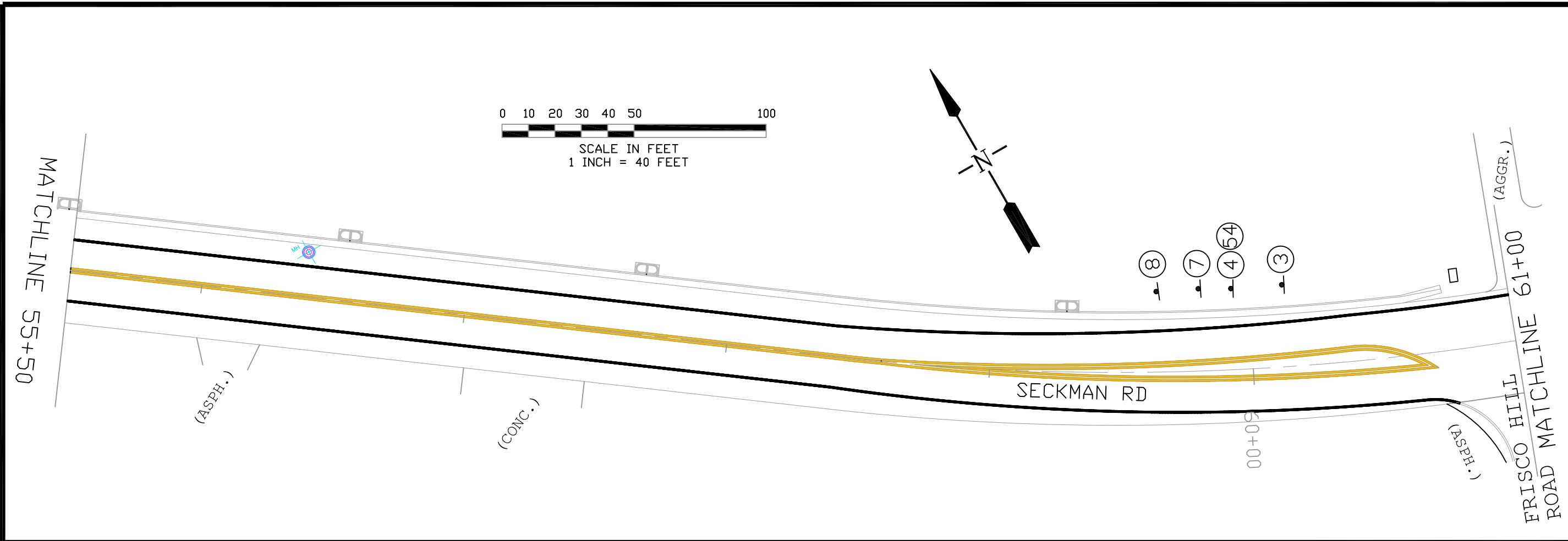
SECKMAN ROAD -
PAVEMENT PRESERVATION
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DATE PREPARED	12/31/2013
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SHEET NO.	11
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
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DATE	DESCRIPTION

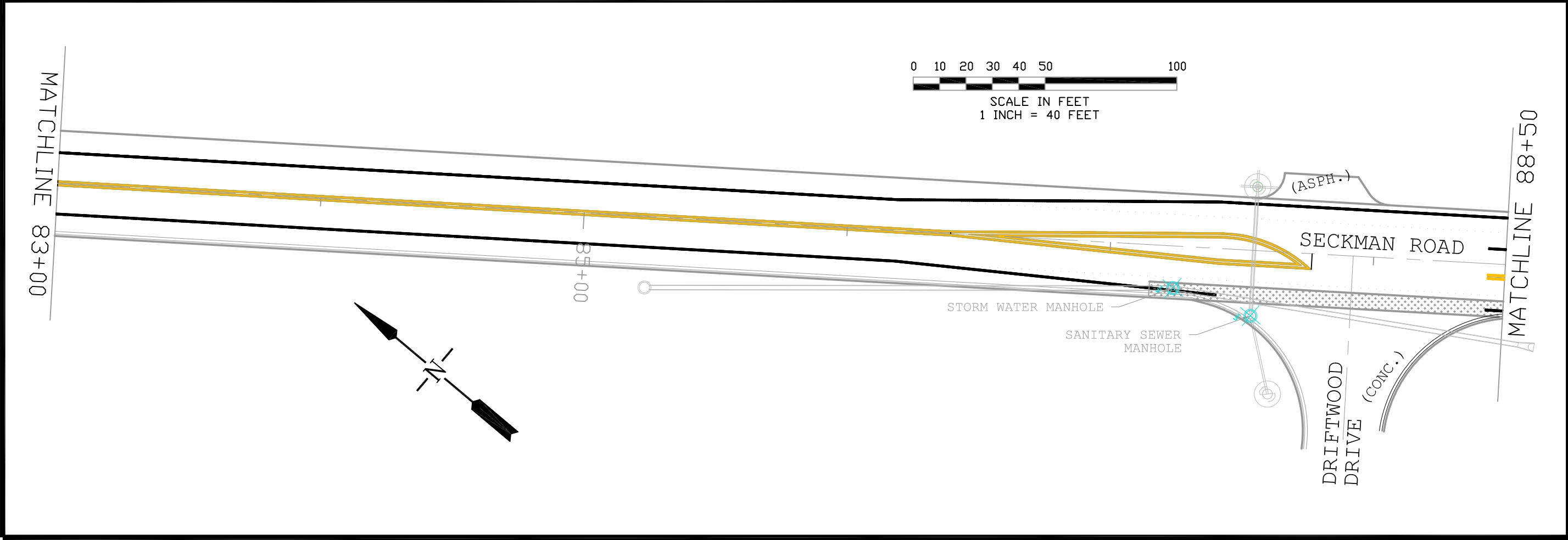
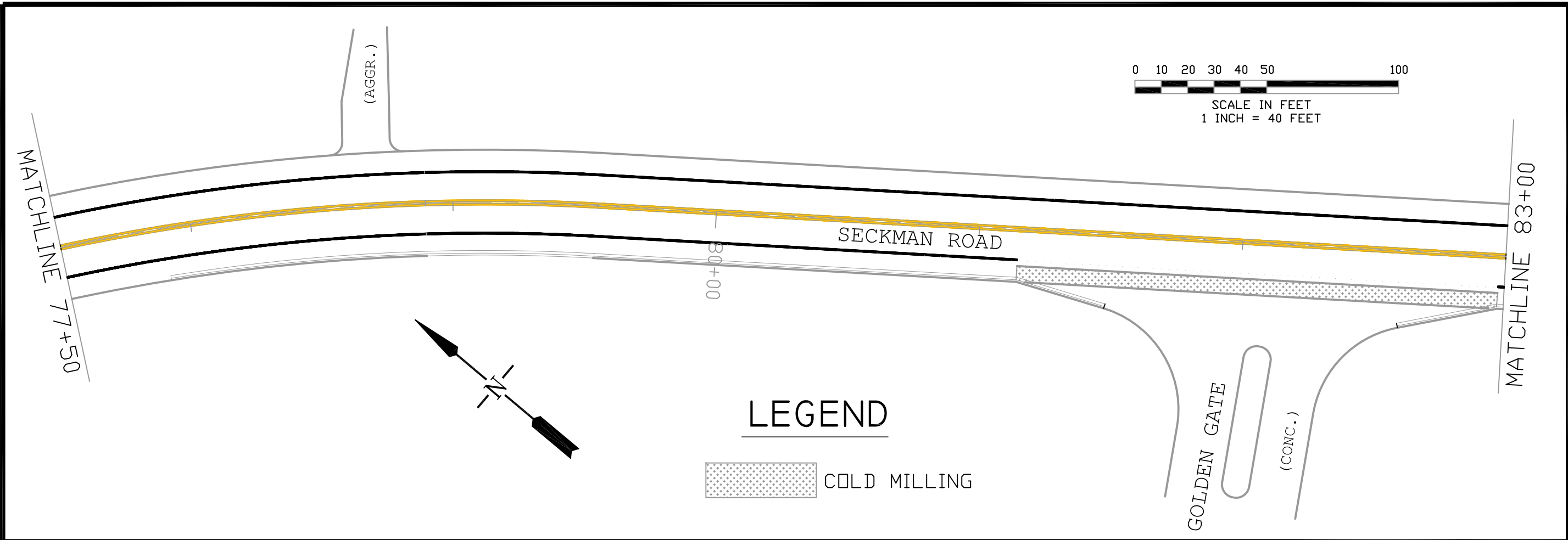
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



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SHEET NO.	12
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

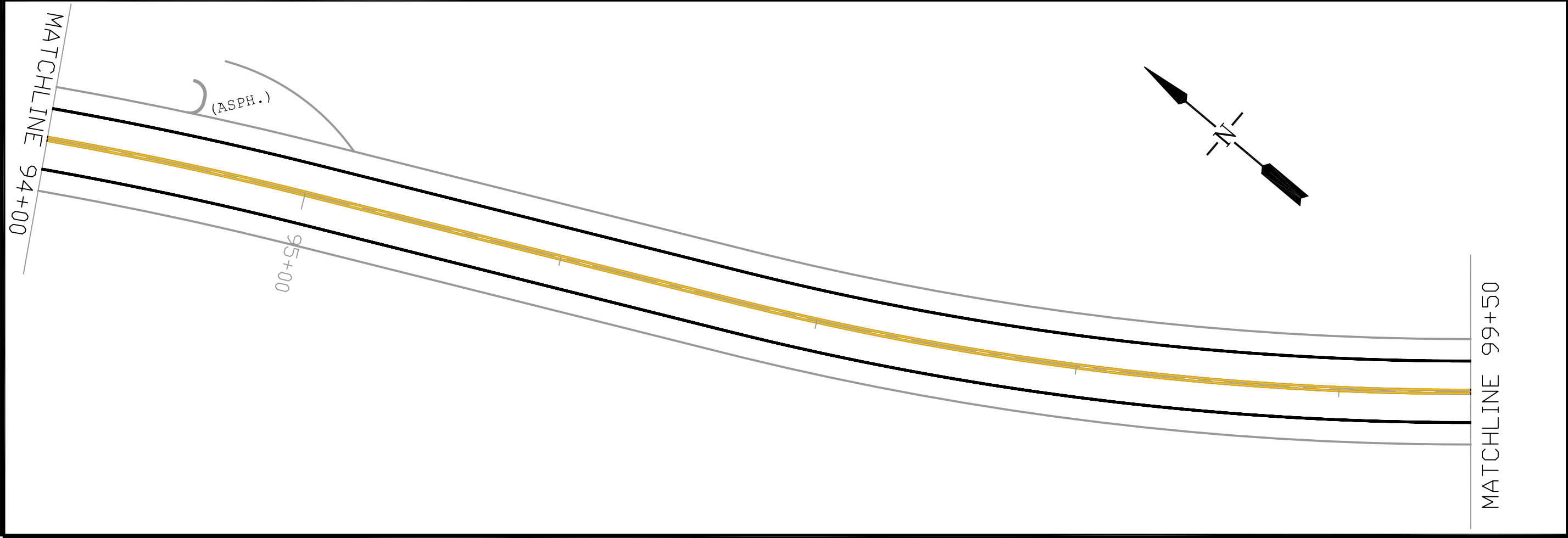
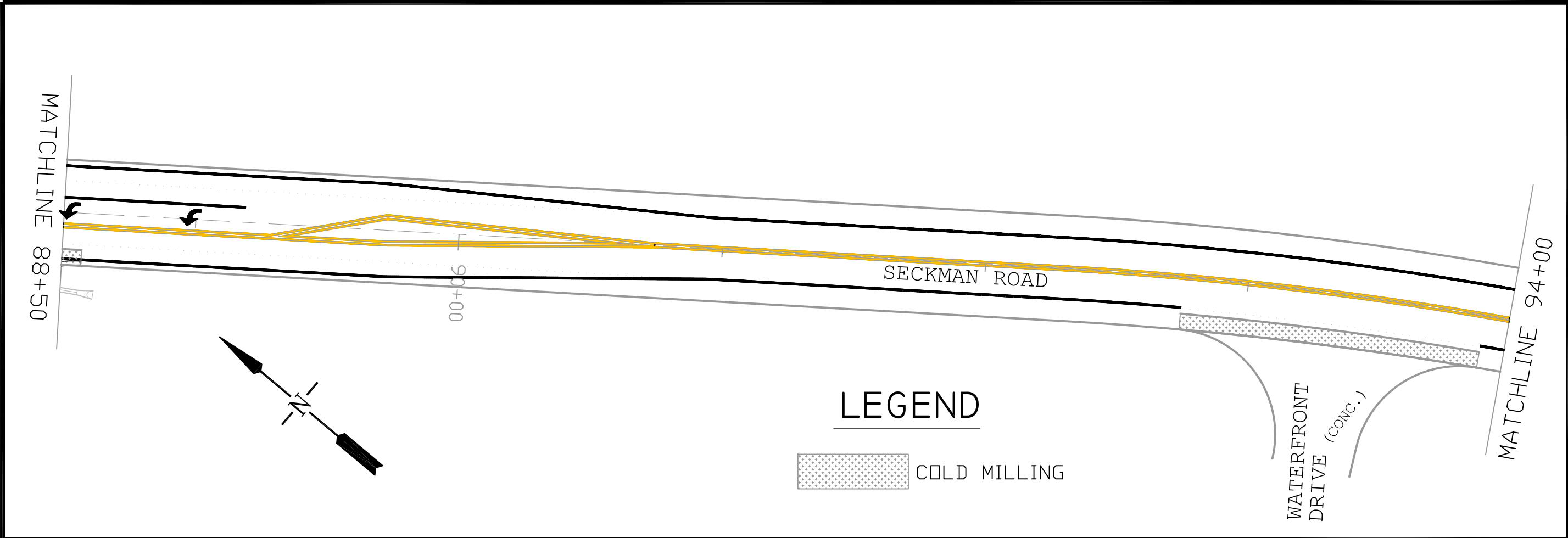
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	14
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

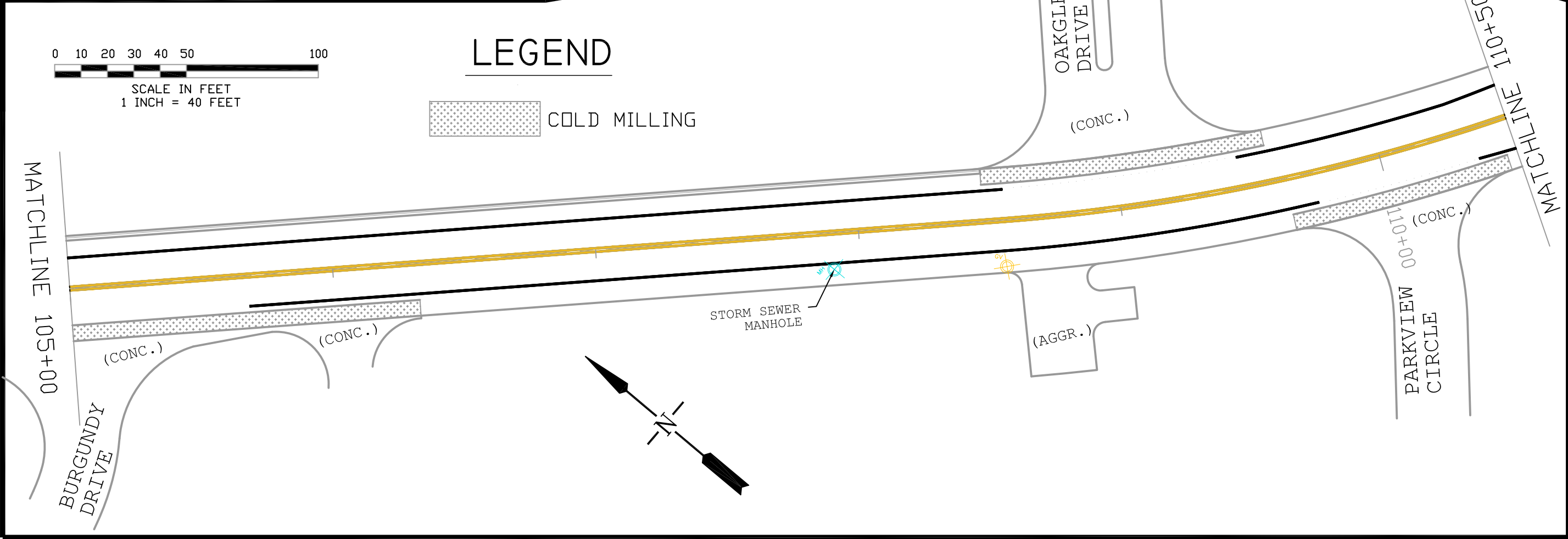
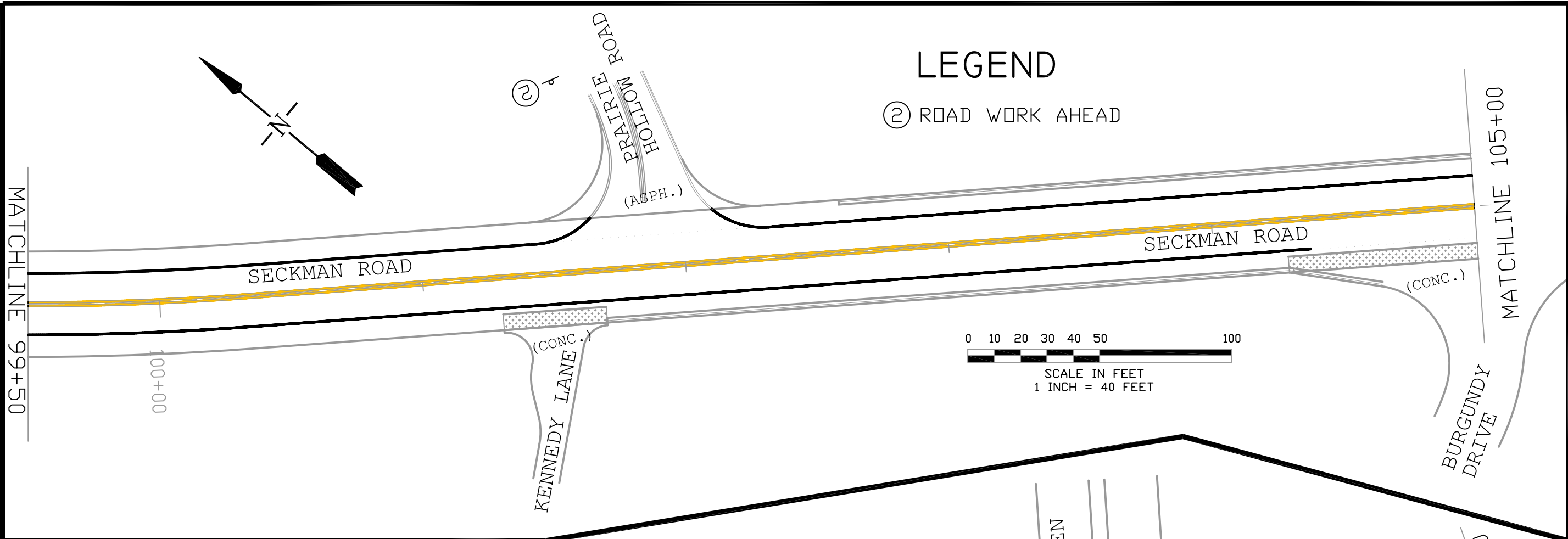
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	15
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

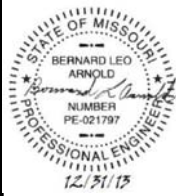
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	16
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

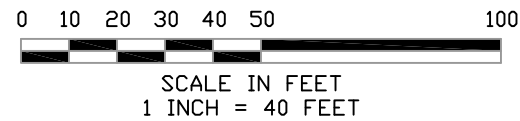
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT





DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	17
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

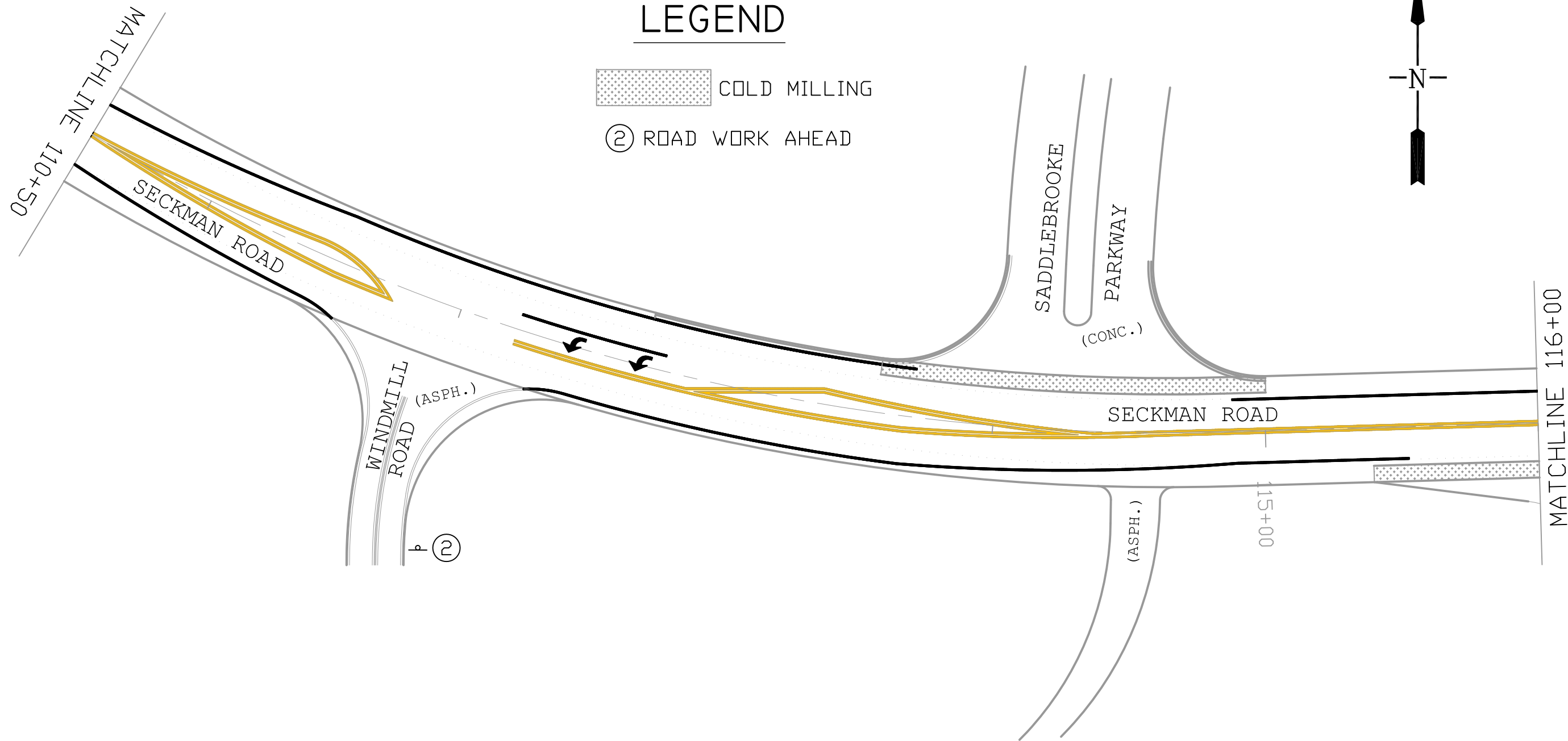
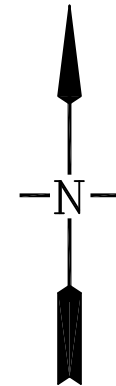
DATE	DESCRIPTION

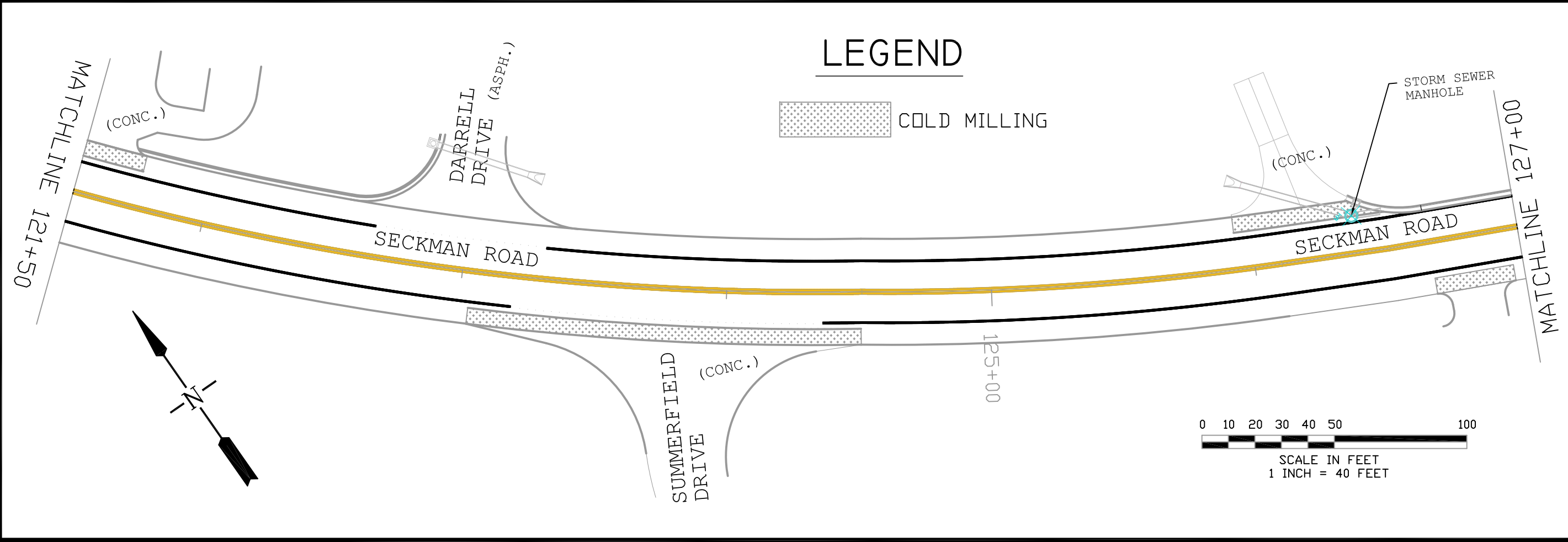
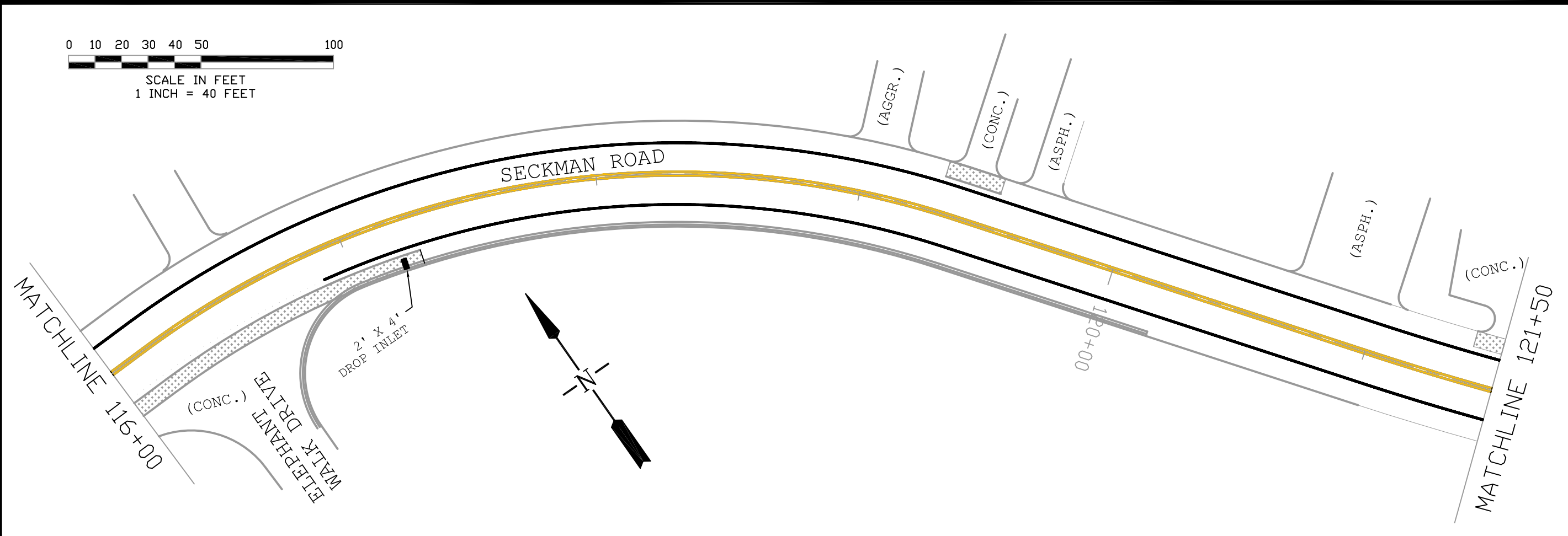
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



LEGEND

-  COLD MILLING
-  ROAD WORK AHEAD





LEGEND

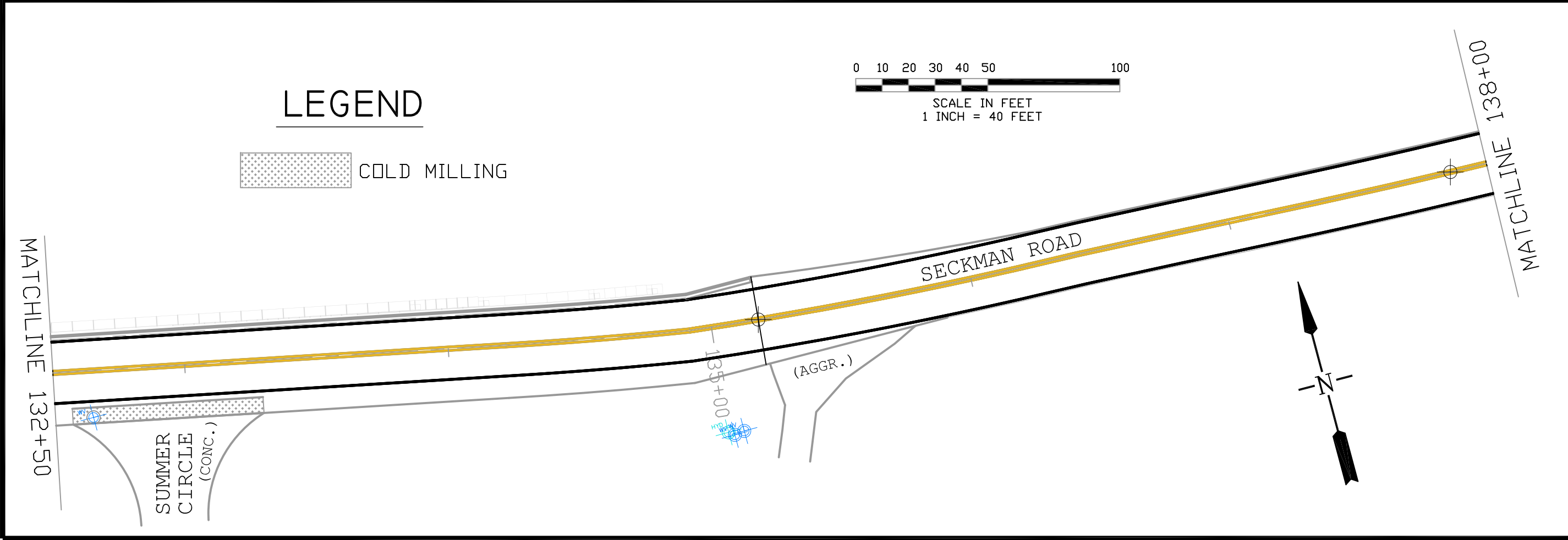
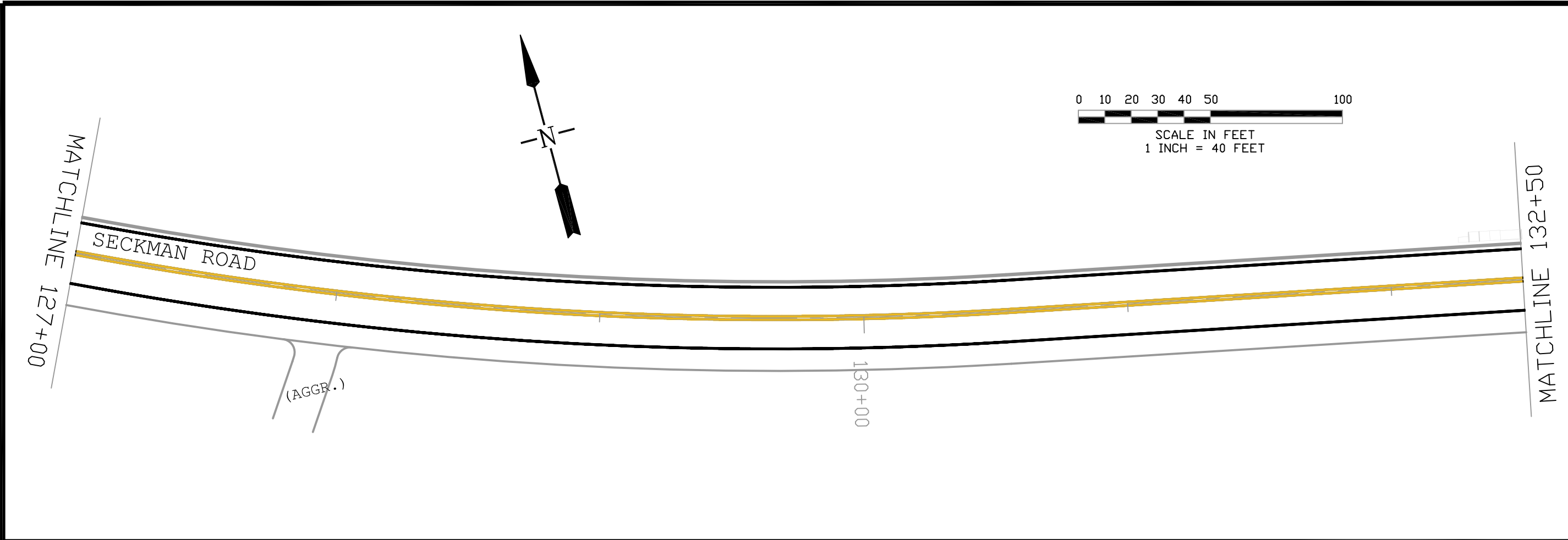
 COLD MILLING



DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	18
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

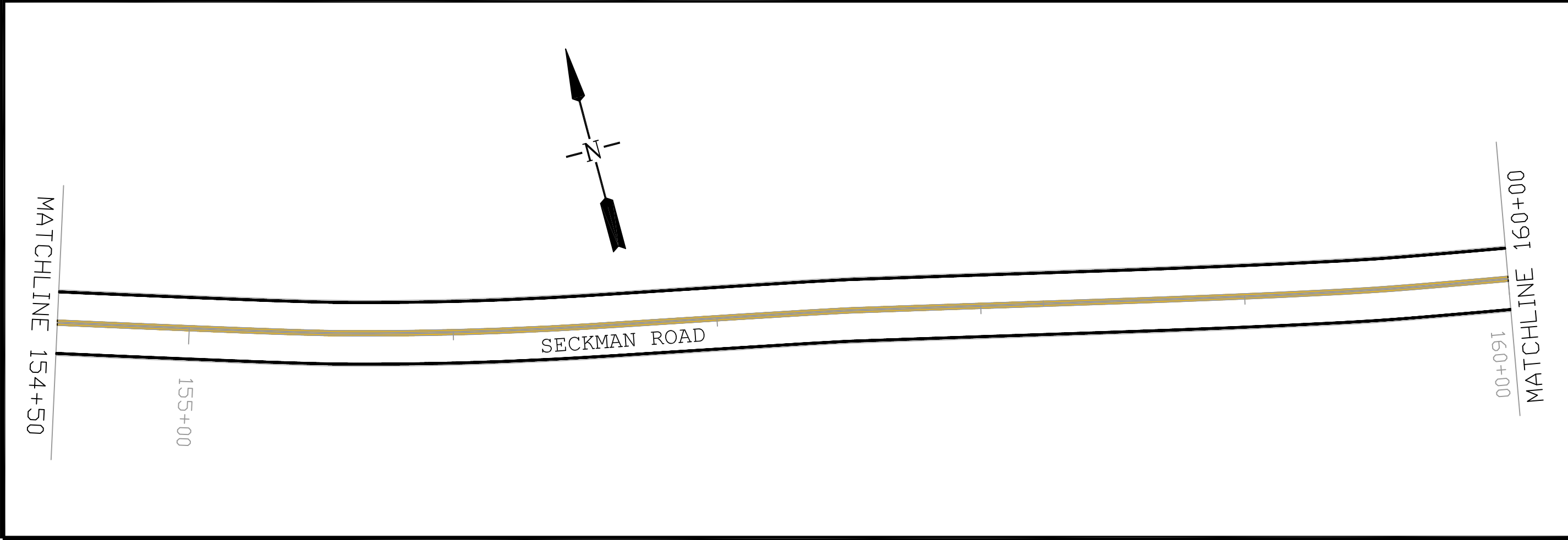
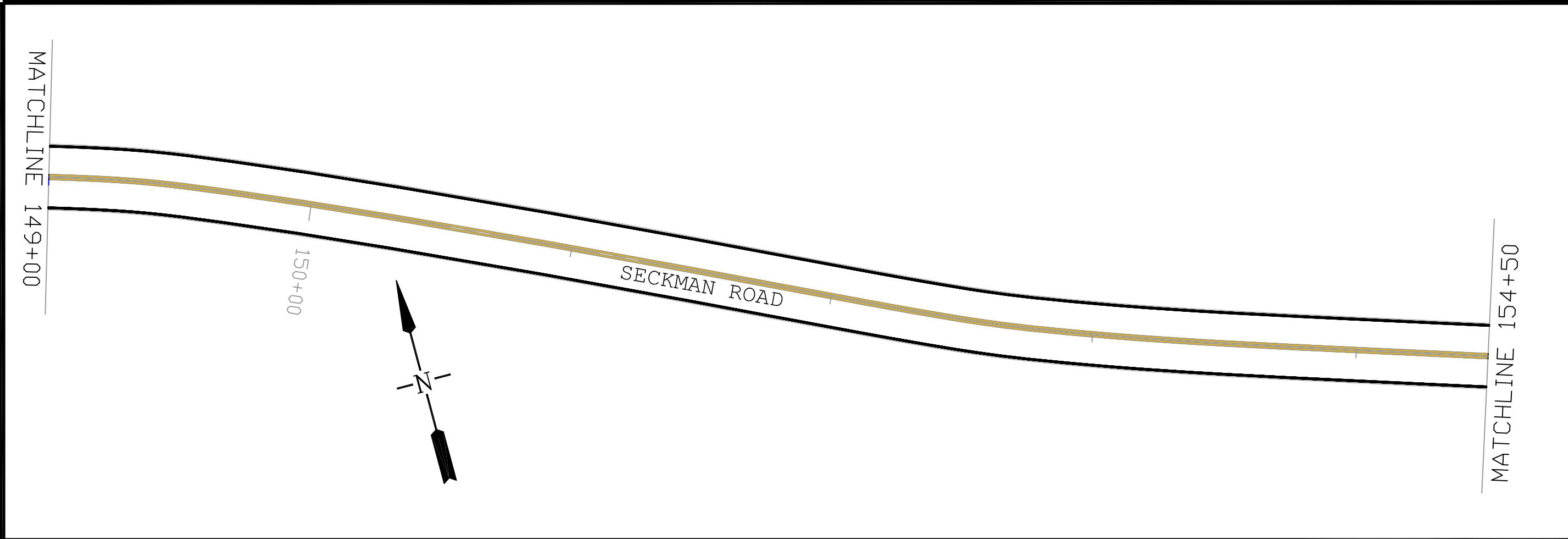
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



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

DATE	DESCRIPTION

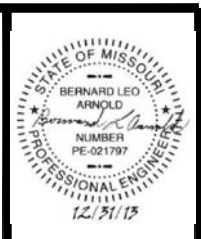
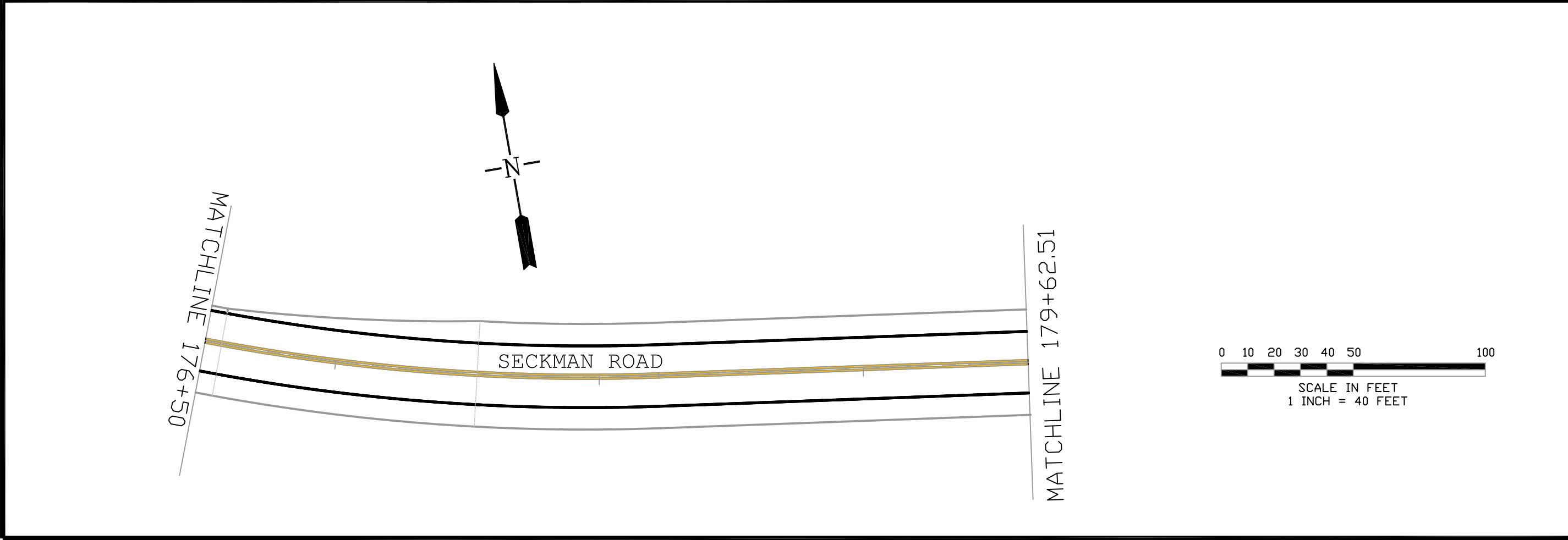
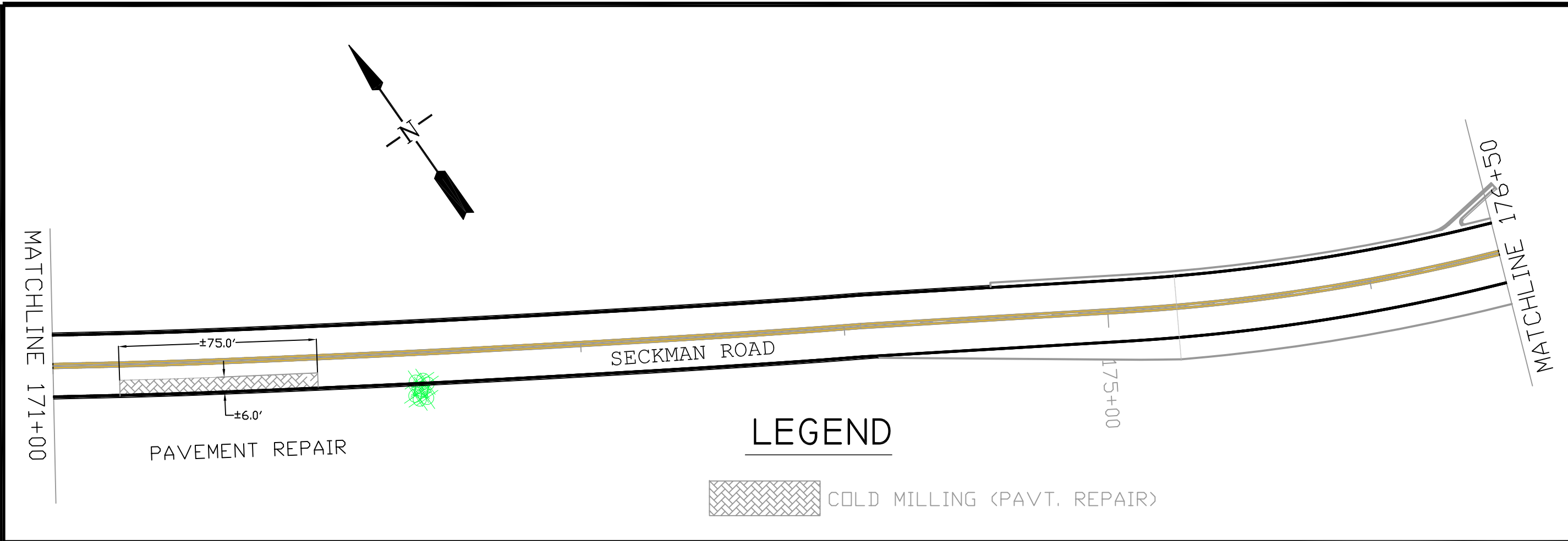
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



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

DATE	DESCRIPTION

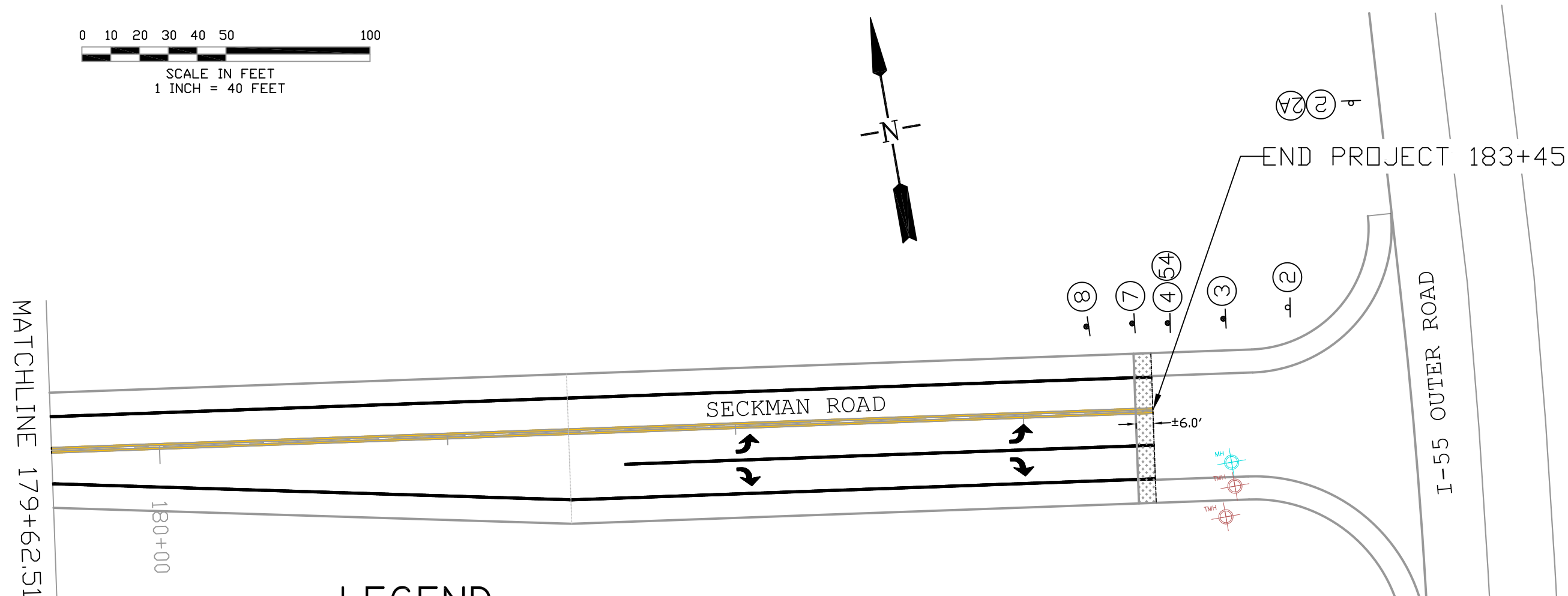
SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



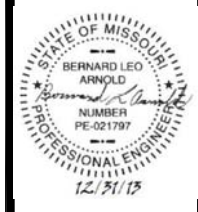
DATE PREPARED	12/31/2013
STATE	MO
SHEET NO.	23
COUNTY	JEFFERSON
ROUTE	SECKMAN ROAD
FEDERAL PROJECT NO.	STP-5403(655)

DATE	DESCRIPTION

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT



COLD MILLING



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

[illegible]

SECKMAN ROAD -
PAVEMENT PRESERVATION
JEFFERSON COUNTY PUBLIC WORKS DEPARTMENT