



## STANDARDS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	21-0008 01-SW	CUMBERLAND	34	2
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	

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### LEGEND

●	IRON PIN SET
○ T	"T" FENCE POST FOUND
⊗	SURVEY DISC FOUND
✕	CHISELED "X"
□	CHISELED SQUARE
🌳	TREE (DECIDUOUS)
🌿	BUSH
🔥	FIRE HYDRANT
⊠	WATER METER
⊗	VALVE (GAS OR WATER)
⊠	GAS METER
○ GAS	GAS MARKER
□ T	TELEPHONE PEDESTAL
⊖	POWER POLE
⊖	POWER POLE w/LIGHT
↑	GUY ANCHOR
□ E	ELECTRIC PEDESTAL
□ EM	ELECTRIC METER
⊗	DECORATIVE LIGHT
⊗	DECORATIVE CLOCK
— OHE —	OVERHEAD ELECTRIC (EXISTING)
— E —	UNDERGROUND ELECTRIC (EXISTING)
□	SIGN
+	STREET SIGN
L/S	LANDSCAPING
X	RAILROAD POST
○ B	BOLLARD
📧	MAILBOX
□ B	BOX CULVERT

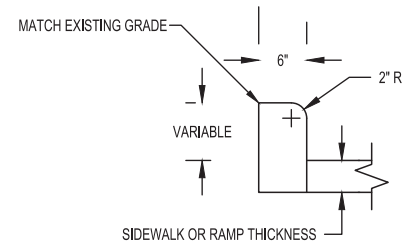
HMA DESIGN TABLE	
Location(s):	HMA Surface Course
AC/RG:	PG 64-22
RAP % (MAX):	15%
Design Air Voids:	4.0% @ 70 gyrations
Mixture Composition (Grad. Mixture):	IL 9.5 FG
Friction Aggregate:	Mixture C

### GENERAL NOTES

1. Pavement grades shown are at the top of pavement surfaces, unless otherwise noted in the plans.
2. Erosion control measures shall be in accordance with IDOT Specifications. Placement shall be directed by the Engineer.
3. All elevations refer to U.S.G.S. mean sea level datum. - NAVD 88
4. Any reference to a standard in the plans shall be interpreted to mean the edition as indicated by the sub-number listed on Sheet 2.
5. WALKS, SLABS, AND PCC DRIVEWAY PAVEMENT
  - A. Concrete walks shall be in accordance with IDOT Std. Spec. Unless otherwise shown, locate sidewalk contraction joints at 5 ft on center and expansions joints at 50 ft on center, unless otherwise shown, locate contraction joints in larger slabs at 15 ft intervals in each direction.
  - B. Concrete walks crossing through entrances shall be constructed in accordance with the detail shown on sheet 3. Monolithically constructed sidewalks will not be allowed if greater than 2% cross slope.
  - C. Dowel bars shall be used when Portland Cement Concrete Driveways are placed adjacent to any existing concrete. The dowel bars shall be 2 feet in length and shall be placed on 2 foot centers. Dowel bars shall not be paid for separately but shall be incidental to the price of the of the Portland Cement Concrete Driveway of the type and depth specified.
6. Abbreviations
  - BKCB = Back of Curb
  - EOP = Edge of Pavement
  - EX. = Existing
  - M.E. = Match Existing
7. Iron pins shall not be removed without contacting Milano & Gruhnloh Engineers (217) 347-7262
8. The following rates of application or units were used for calculating plan quantities:
  - Bituminous Materials (Tack Coat) - 0.05 LB/SQ FT
  - Aggregate Surface Coarse (Type B), Rock Fill, Aggregate Temporary Access - 2.05 Tons/Cu Yd
  - Hot Mix Asphalt Surface Course, IL-9.5FG, Mix "C", N50 - 2.02 Tons/Cu Yd

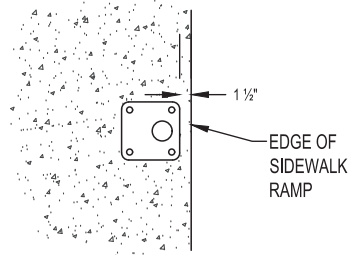
786	JCS	MJH	S:20181854503108	2/28/2024 17:15
FIELD BOOK	DRAWN BY	CHECKED BY	FILE LOCATION	SAVE DATE
<b>MILANO &amp; GRUNLOH ENGINEERS, LLC</b> 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgenengineers.com Design Firm # 184-003108				
INDEX SHEET	ITEP			
		21-0008-01-SW		
		NEOGA, ILLINOIS		
		SHEET #		
		2 OF 34		
		JOB #		
		19245		

REVISION	ISSUED	DATE	BY
1	DESIGN	10/07/2024	JCS
2	DESIGN	12/14/2024	JCS
3	DESIGN	01/09/2025	JCS

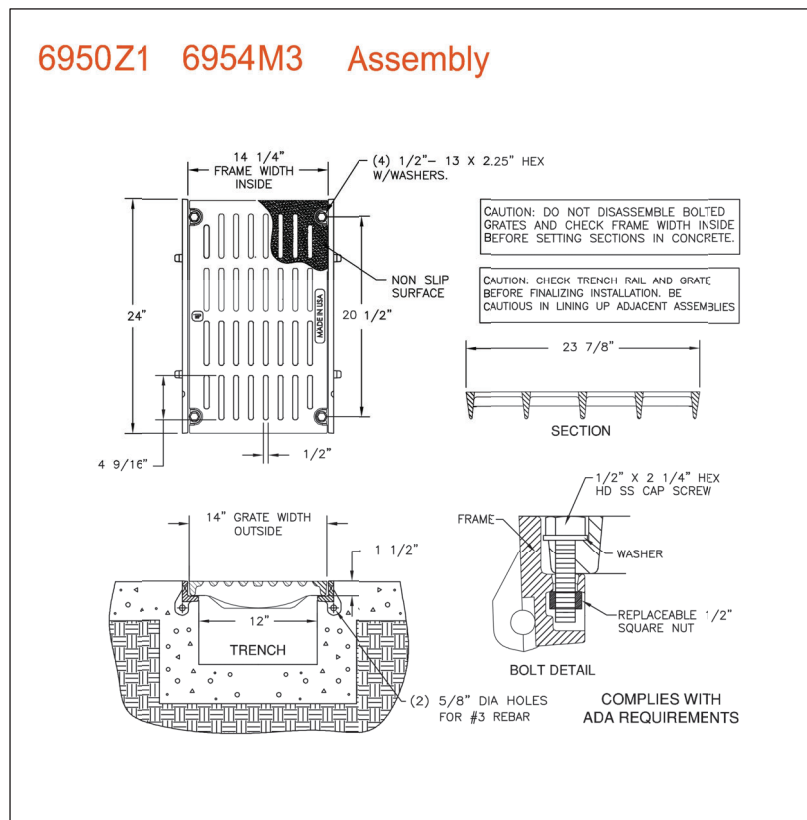


**SIDE CURB DETAIL  
6" OR LESS**

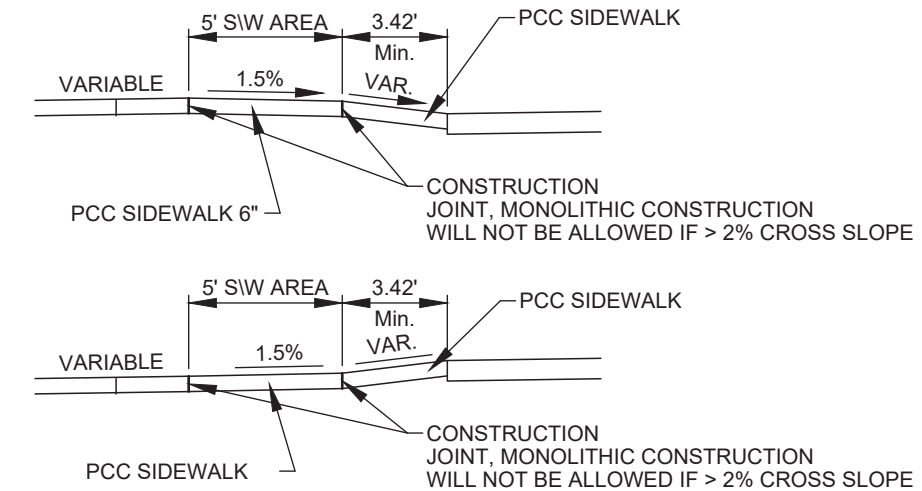
Note: Side Curb Detail 6" or Less is  
Pay Item "Concrete Curb, Type B"



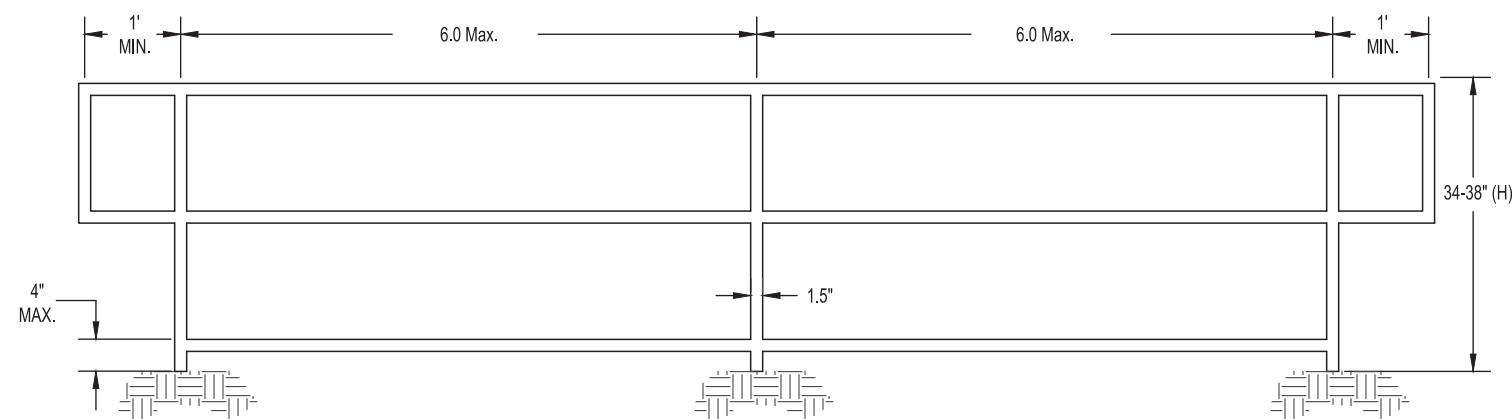
**PIPE HANDRAIL BASE PLATE DETAIL  
(TYPICAL AT ALL HANDRAIL LOCATIONS)**



**DRAINAGE STRUCTURE SPECIAL**



**DETAIL OF SIDEWALK THROUGH ENTRANCES**



**PIPE HANDRAIL TYPICAL SECTION**

\*\* The handrail shall be designed to withstand a 200 pound load applied in any direction to the top rail. Vertical posts shall be equally spaced along the panel at no more than 6 feet. The railing shall have three equally spaced horizontal elements, with the top of the lowest beam being no more than 4" off of the proposed surface. Extensions shall be placed a 1 foot beyond vertical edge of top and bottom steps and 1 foot beyond bottom of proposed ramps. The handrail shall be powder coated black. This work shall be paid for by the Contract Unit Price per FOOT for PIPE HANDRAIL and no additional compensation shall be allowed.

786	JCS	MJH	S:20181854/DISTITLE SHEETING	2/28/2024 08:52
FIELD BOOK	DRAWN BY	CHECKED BY	FILE LOCATION	SAVE DATE

**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgen@engr.com | www.mgen.com



TYPICAL DETAILS	ITEP
	21-0008-01-SW
	NEOGA, ILLINOIS

SHEET #	3 OF 34
JOB #	19245



SIDEWALK PAVEMENT					
STATION (START)	STATION (FINISH)	O/S	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50
			SQ FT	SQ FT	TON
20+16.89	20+34.80	19.01 - 24.01 RT	83		
20+65.52	24+55.35	12.68 - 17.68 LT	1988		
24+52.04	24+56.81	10.14 - 28.01 RT	46		
25+06.31	25+10.94	10.93 - 19.90 RT	46		
25+05.45	25+77.25	28.04 - 33.07 LT	435		
25+77.25	25+92.12	27.97 - 32.97 LT		75	
25+92.12	26+17.40	27.95 - 32.95 LT	127		
26+17.40	26+25.17	27.92 - 32.92 LT		39	
26+25.17	26+82.77	27.91 - 32.91 LT	288		
26+82.77	27+17.86	27.83 - 32.83 LT		176	
27+17.89	28+75.12	27.78 - 32.78 LT	794		
28+89.80	29+76.54	22.55 - 27.52 LT	503		
29+76.54	30+22.53	21.95 - 26.94 LT		227	
30+22.53	30+47.85	21.66 - 26.61 LT	126		
30+47.85	30+61.22	21.73 - 26.73 LT		67	
30+61.22	31+81.56	21.74 - 26.74 LT	602		
31+81.56	31+93.49	21.84 - 26.84 LT		60	
31+93.49	32+28.66	21.86 - 26.86 LT	176		
32+28.66	32+43.32	21.89 - 26.89 LT		74	
32+43.32	32+73.24	21.90 - 26.90 LT	165		
32+73.24	32+87.60	24.91 - 29.89 LT		84	
32+87.60	33+23.67	26.66 - 27.98 LT	208		
33+45.46	34+54.89	27.19 - 32.19 LT	554		
34+54.89	34+75.72	27.19 - 32.19 LT		105	
34+75.72	35+34.98	26.59 - 31.59 LT	3534		
35+52.50	37+36.44	28.05 - 33.05 LT	1027		
37+36.44	37+54.76	25.13 - 30.13 LT		92	
37+54.76	38+67.06	25.08 - 30.06 LT	558		
38+67.06	38+85.98	24.75 - 29.65 LT		99	
38+85.98	39+38.79	24.64 - 29.62 LT	353		
39+66.57	40+67.04	24.20 - 29.20 LT	493		
40+67.04	40+85.38	23.88 - 28.88 LT		120	
40+85.38	41+55.24	23.83 - 28.83 LT	336		
41+55.24	41+64.78	23.60 - 28.60 LT		48	
41+64.78	41+99.23	23.57 - 28.57 LT	173		
41+99.23	42+15.41	23.46 - 28.46 LT		81	
42+15.41	42+56.33	23.40 - 28.40 LT	205		
42+56.33	42+75.41	23.19 - 28.19 LT		96	
42+75.41	43+30.84	23.15 - 28.15 LT	277		
44+08.84	45+69.60	22.95 - 27.95 LT	804		
45+69.60	45+86.97	22.52 - 27.52 LT		87	
45+86.97	46+97.94	22.56 - 27.56 LT	633		
46+97.94	47+74.28	22.55 - 27.55 LT		399	
48+03.64	49+10.96	21.42 - 29.43 LT	834		
49+10.96	49+21.18	20.54 - 28.84 LT			6
49+29.49	49+39.49	20.28 - 28.28 LT			6
49+39.49	50+49.95	20.38 - 28.38 LT	586		
50+64.43	51+37.11	27.09 - 32.09 RT	364		
51+37.11	51+60.16	26.96 - 31.96 RT		116	
51+60.16	52+17.87	26.95 - 31.95 RT	289		
52+17.87	52+95.54	26.94 - 31.94 RT		388	
52+95.54	54+71.87	26.89 - 31.89 RT	887		
55+00.92	55+47.56	27.70 - 33.70 RT	285		
55+47.56	55+83.93	28.83 - 33.84 RT		176	
55+83.93	56+26.75	28.94 - 33.94 RT	214		
56+26.75	56+62.42	29.06 - 34.06 RT		178	
56+62.42	59+48.58	29.92 - 34.92 RT	1468		
59+97.33	60+72.87	16.94 - 21.94 RT	412		
60+72.87	60+94.63	11.26 - 16.26 RT		108	
60+94.63	61+58.94	12.56 - 17.56 RT	322		
61+58.94	62+30.71	12.56 - 17.56 RT		327	
62+30.71	63+75.34	13.64 - 18.64 RT	708		
64+10.38	65+67.46	16.43 - 21.43 RT	772		
65+67.46	66+30.49	32.75 - 37.75 RT		316	

SIDEWALK PAVEMENT (CONTINUED)					
STATION (START)	STATION (FINISH)	O/S	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50
			SQ FT	SQ FT	TON
66+30.49	67+70.62	14.93 - 19.93 RT	624		
68+20.10	69+14.37	14.22 - 19.22 RT	487		
69+14.37	69+52.80	16.75 - 21.75 RT		193	
69+52.80	70+76.01	16.43 - 21.43 RT	624		
80+18.71	81+30.22	24.33 - 29.33 LT	558		
81+30.22	81+65.48	25.20 - 30.20 LT		177	
81+65.48	82+67.93	25.48 - 30.48 LT	512		
82+67.93	83+08.93	26.27 - 31.27 LT		204	
83+08.93	84+74.56	26.59 - 31.59 LT	853		
84+91.46	85+80.90	28.02 - 33.02 LT	453		
85+80.90	86+11.15	28.81 - 33.71 LT		151	
86+11.15	86+60.57	28.89 - 33.89 LT	247		
86+60.57	87+01.33	29.34 - 34.34 LT		204	
87+01.33	88+11.93	29.65 - 34.65 LT	553		
88+11.93	88+62.00	30.51 - 35.51 LT		251	
88+62.00	89+39.09	30.90 - 35.90 LT	457		
89+66.62	91+94.51	31.72 - 36.72 LT	1145		
91+94.51	92+13.05	33.50 - 38.50 LT		93	
92+13.05	93+88.91	33.64 - 38.64 LT	880		
94+34.25	95+27.69	16.47 - 21.47 LT	471		
95+27.69	95+53.08	23.51 - 28.51 LT		127	
95+53.08	96+13.60	23.56 - 28.56 LT	302		
96+13.60	96+32.66	23.68 - 28.68 LT		96	
96+32.66	96+94.04	23.72 - 28.72 LT	306		
96+94.04	97+04.36	23.85 - 28.85 LT		52	
97+04.36	97+28.95	23.87 - 28.87 LT	122		
97+28.95	97+52.80	23.92 - 28.92 LT		120	
97+52.80	97+80.62	23.97 - 28.97 LT	168		
97+80.62	98+07.40	25.73 - 30.73 LT		164	
98+07.40	98+58.87	29.92 - 34.92 LT			22
98+58.87	100+99.16	24.26 - 29.21 LT	1144		
100+99.16	101+70.90	21.65 - 26.65 LT		44	
101+70.90	101+51.27	21.64 - 21.64 LT	217		
101+51.27	101+66.53	21.52 - 26.52 LT	76		
101+66.53	102+72.81	21.53 - 26.53 LT	532		
102+72.81	102+92.56	21.44 - 26.44 LT		99	
102+92.56	103+58.04	21.42 - 26.42 LT	298		
103+58.04	103+79.81	22.59 - 27.59 LT	935		
105+66.25	106+14.65	23.07 - 28.07 LT		242	
106+14.65	108+07.51	23.16 - 28.16 LT	965		
108+07.51	108+84.49	23.16 - 28.16 LT	282		
108+84.49	108+95.14	23.32 - 28.32 LT		53	
108+95.14	109+54.30	23.35 - 28.35 LT	296		
109+54.30	109+67.68	23.51 - 28.51 LT		67	
109+67.68	110+16.20	23.55 - 28.55 LT	243		
110+16.20	110+40.92	23.69 - 28.69 LT		125	
110+40.92	111+62.71	23.76 - 28.76 LT	608		
111+62.71	111+84.53	24.10 - 29.10 LT		109	
111+84.53	112+68.51	23.76 - 28.76 LT	430		
112+68.51	112+89.96	14.12 - 19.12 LT		108	
112+89.96	113+73.13	14.11 - 19.11 LT	420		
113+73.13	113+89.87	30.91 - 36.02 LT		89	
113+89.87	115+34.64	31.17 - 36.17 LT	433		
115+34.64	116+76.65	24.12 - 29.12 LT	698		
116+76.65	116+91.22	25.04 - 30.04 LT		73	
116+91.22	118+19.14	25.13 - 30.13 LT	646		
118+19.14	118+27.58	25.96 - 30.96 LT		43	
118+27.58	118+61.22	26.02 - 31.02 LT	171		
118+61.22	118+78.27	26.23 - 31.23 LT		86	
118+78.27	119+24.77	26.36 - 31.36 LT	239		
119+24.77	119+66.47	27.03 - 32.03 LT	78		
TOTAL			39072	6584	34

DRIVEWAY PAVEMENT			
STATION (START)	STATION (FINISH)	O/S	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
			SQ YD
25+80.08	25+92.23	22.97 - 27.97 LT	8
26+17.47	26+25.92	22.92 - 27.92 LT	5
26+82.65	27+12.64	22.83 - 27.83 LT	17
29+94.62	30+14.46	17.90 - 21.94 LT	14
30+47.41	30+60.83	16.73 - 21.73 LT	8
31+81.68	31+94.62	16.84 - 21.84 LT	21
32+28.37	32+42.43	16.89 - 26.89 LT	16
32+73.71	32+87.43	19.93 - 34.84 LT	19
34+53.11	34+75.99	21.67 - 26.66 LT	13
37+34.83	37+54.99	20.13 - 25.13 LT	11
46+79.65	46+96.87	17.61 - 22.61 LT	9
52+50.55	53+05.55	15.21 - 26.91 RT	55
55+45.26	55+87.21	23.83 - 28.98 RT	23
56+23.31	56+65.29	23.06 - 29.06 RT	27
60+74.24	60+93.62	16.28 - 21.28 RT	11
61+64.81	61+85.71	17.65 - 22.65 RT	11
62+10.99	62+29.59	18.34 - 23.34 RT	11
65+66.24	66+32.25	10.38 - 15.38 RT	36
69+17.99	69+49.64	25.03 - 30.04 RT	17
82+68.30	82+85.43	21.28 - 26.27 LT	11
82+98.48	83+09.88	21.51 - 21.60 LT	6
85+81.31	85+91.18	23.72 - 28.72 LT	6
86+01.41	86+11.49	23.83 - 28.83 LT	6
86+60.07	86+69.67	24.33 - 29.33 LT	6
86+88.40	87+01.88	24.55 - 29.54 LT	8
88+12.80	88+31.53	25.52 - 30.52 LT	10
88+40.46	88+62.68	25.74 - 30.73 LT	12
91+95.46	92+12.63	28.50 - 33.50 LT	10
95+27.97	95+51.91	18.47 - 23.51 LT	14
96+12.88	96+33.23	18.68 - 23.68 LT	11
96+93.37	97+05.95	18.85 - 23.85 LT	7
97+26.76	97+48.44	18.84 - 23.92 LT	12
97+84.17	98+08.25	21.51 - 26.51 LT	14
100+97.54	101+07.62	16.65 - 21.65 LT	6
101+50.07	101+66.70	16.52 - 21.53 LT	9
102+74.18	102+93.31	16.44 - 21.44 LT	11
105+66.26	106+07.95	18.07 - 23.07 LT	24
108+84.51	108+95.17	18.32 - 23.32 LT	6
109+56.60	109+68.77	18.52 - 23.51 LT	7
110+14.69	110+41.35	18.68 - 23.69 LT	15
111+61.89	111+85.72	19.10 - 24.10 LT	13
112+68.51	112+89.97	19.12 - 24.12 LT	11
113+72.11	113+89.87	26.02 - 31.02 LT	10
116+78.18	116+90.99	20.05 - 25.05 LT	8
118+18.65	118+27.81	20.96 - 25.96 LT	5
118+60.97	118+77.61	21.23 - 26.23 LT	10
TOTAL			600

REVISION ISSUED	DATE	BY	786
DESIGNED	10/17/2018	JCS	
CHECKED	10/17/2018	MJH	
APPROVED	10/17/2018		
FINAL PLANS	10/17/2018		
MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgenr.com Design Firm # 184-003108			
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NEOGA, ILLINOIS			
SHEET #			
5 OF 34			
JOB #			
19245			

PAVEMENT REMOVAL			
STATION	OFFSET	SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL
		SQ FT	SQ YD
20+16.89 - 20+64.75	19.01 - 22.10 RT	64	
28+89.61 - 29+76.54	23.20 - 27.20 LT	536	
29+76.54 - 30+22.53	21.95 - 25.95 LT		39
30+22.53 - 30+47.84	21.66 - 25.66 LT		
31+11.62 - 31+81.45	26.71 - 30.71 LT	272	
31+92.52 - 32+28.85	26.19 - 30.19 LT	143	
32+28.85 - 32+43.21	25.16 - 24.75 LT		11
32+43.21 - 32+73.02	24.75 - 26.48 LT	127	
32+73.02 - 32+87.75	26.48 - 27.82 LT		8
32+87.75 - 33+17.19	27.82 - 30.63 LT	117	
33+45.90 - 35+34.98	26.43 - 26.93 LT	895	
35+52.50 - 37+36.44	28.05 - 25.13 LT	933	
37+54.76 - 38+67.54	25.08 - 24.68 LT	559	
38+67.54 - 38+85.97	24.68 - 24.64 LT		11
38+85.97 - 39+38.79	24.64 - 24.55 LT	362	
39+66.57 - 43+30.84	24.20 - 23.29 LT	1737	
44+08.71 - 46+98.17	22.71 - 22.55 LT	1448	
46+98.17 - 47+74.28	22.55 - 22.55 LT		45
48+10.30 - 49+21.18	21.39 - 21.13 LT	825	
49+29.62 - 50+46.53	20.37 - 28.37 LT	693	
52+30.73 - 53+25.34	24.46 - 23.95 RT		77
54+60.21 - 54+72.18	28.74 - 28.86 RT	61	
55+00.00 - 55+47.56	28.86 - 28.83 RT	284	
55+45.26 - 55+87.21	23.83 - 24.03 RT		42
55+83.93 - 56+25.59	28.94 - 29.16 RT	209	
56+23.31 - 56+65.29	23.06 - 22.93 RT		47
56+63.06 - 59+92.31	29.08 - 13.68 RT	1465	
80+44.56 - 81+30.07	26.78 - 27.22 LT	342	
81+30.07 - 81+65.56	27.22 - 27.50 LT		17
81+65.56 - 82+68.03	27.50 - 27.92 LT	423	
83+09.25 - 84+53.39	28.00 - 28.42 LT	676	
85+24.51 - 89+36.35	30.03 - 34.39 LT	1684	
91+20.10 - 91+88.73	34.23 - 34.45 LT	249	
92+26.02 - 96+13.73	34.35 - 23.77 LT	1416	
96+13.73 - 96+32.57	23.77 - 23.65 LT		9
96+32.57 - 98+21.62	23.65 - 30.57 LT	814	
98+21.62 - 100+99.14	28.68 - 22.63 LT	1128	
100+99.14 - 101+07.87	22.63 - 22.75 LT		4
101+07.87 - 101+51.25	22.75 - 22.85 LT	162	
101+51.25 - 101+66.50	22.85 - 22.83 LT		7
101+66.50 - 102+72.79	22.83 - 22.63 LT	411	
102+72.79 - 102+92.53	22.63 - 22.66 LT		9
102+92.53 - 103+59.21	22.66 - 23.51 LT	235	
103+76.60 - 105+66.26	23.63 - 18.07 LT	736	
105+66.26 - 106+14.69	18.07 - 24.33 LT		49
106+14.69 - 108+07.75	24.33 - 25.00 LT	755	
110+14.69 - 110+41.35	18.68 - 30.36 LT		32
111+61.87 - 111+85.65	18.97 - 19.40 LT		25
112+68.51 - 112+89.96	14.12 - 14.11 LT		23
113+72.11 - 113+89.87	26.02 - 26.17 LT		20
TOTAL		19761	475

Erosion and Seeding		
STATION	SEEDING, CLASS 1 (SPECIAL)	PERIMETER EROSION BARRIER
	ACRE	FOOT
TOTAL	0.5	4500

EARTHWORK SCHEDULE			
(1)	(2)	(3)	(4)
EARTH EXCAVATION (CUT)	EARTH EXCAVATION (FILL)	EARTH EXCAVATION DIFFERENCE (EXCESS DIRT)	EARTH TO BE HAULED OFF (25% SWELL FACTOR)
CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
500	50	500	625
*Earthwork calculations assume full width and 6" topsoil stripping for area of improvements. All topsoil stripping may be used as topsoil placement.			

\*For Information Only - See Special Provisions\*

UTILITY ADJUSTMENT										
STATION	OFFSET	DOMESTIC METER VAULTS TO BE ADJUSTED	WATER VALVES TO BE ADJUSTED	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	PIPE CULVERT REMOVAL	CLASS C, TYPE 1 CULVERT 12"	CLASS A, TYPE 1, RCCP STORM PIPE 12"	INLET TYPE A, TYPE 8 GRATE	PRECAST CONCRETE BOX CULVERT 6' X 2'	DRAINAGE STRUCTURE SPECIAL
		EACH		EACH	FOOT	FOOT	FOOT	EACH	FOOT	EACH
20+70.41	15.89 LT			1						
20+72.93	12.65 LT									1
25+03.84 - 25+93.39	23.20 - 20.35 LT						90			
25+07.63	19.31 LT			1						
25+18.43	19.87 LT							1		
25+69.03	20.20 LT							1		
27+53.91	27.73 LT									1
28+97.79 - 28+96.25	18.07 - 32.95 LT				15	15				
28+99.03 - 29+14.67	18.07 - 17.36 LT				16	16				
33+16.45 - 33+17.87	20.58 - 34.83 LT				16	16				
33+50.13 - 33+54.85	36.51 - 23.14 LT				14	14				
35+27.18 - 35+27.48	24.90 - 33.06 LT				8	8				
35+61.98 - 35+62.24	33.63 - 25.63 LT				8	8				
45+61.30	22.55 LT									1
47+71.36	27.62 LT			1						
58+00.56	29.56 RT				8					1
84+66.41 - 84+66.48	26.83 - 33.94 LT					7				
85+05.38 - 85+05.90	34.69 - 27.24 LT					7				
89+27.68	31.64 LT			1						
89+34.21	31.47 LT									1
93+88.00 - 93+95.66	25.86 - 21.72				8	8				
95+57.07	23.56 LT									1
99+13.91	18.30 LT		1							
105+67.76	20.96 LT	1								
106+53.38	22.94 LT	1								
108+03.06	23.63 LT			1						
112+42.45 - 112+53.75	14.38 - 19.35									
115+36.38	25.98 LT			1						
116+10.37	29.15 LT	1								
TOTAL		3	1	6	93	99	90	2	5	6

TREE REMOVAL			
STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		UNITS	UNITS
31+46.22	22.42 LT		30
32+59.76	20.19 LT		18
35+08.69	22.20 LT		36
35+99.90	23.43 LT		40
37+00.03	22.10 LT		36
40+05.64	31.83 LT		20
40+22.43	31.83 LT		30
70+60.43	35.27 RT		40
83+95.16	24.90 LT		18
84+36.03	24.45 LT		20
85+52.16	27.65 LT		30
86+25.58	26.61 LT		18
87+21.59	30.87 LT		36
89+98.10	30.21 LT		46
90+23.99	30.42 LT		30
90+34.56	29.94 LT	12	
109+03.24	30.17 LT	10	
109+22.99	31.50 LT	14	
117+67.00	24.69 LT		48
118+85.78	26.57 LT		18
TOTAL		36	514

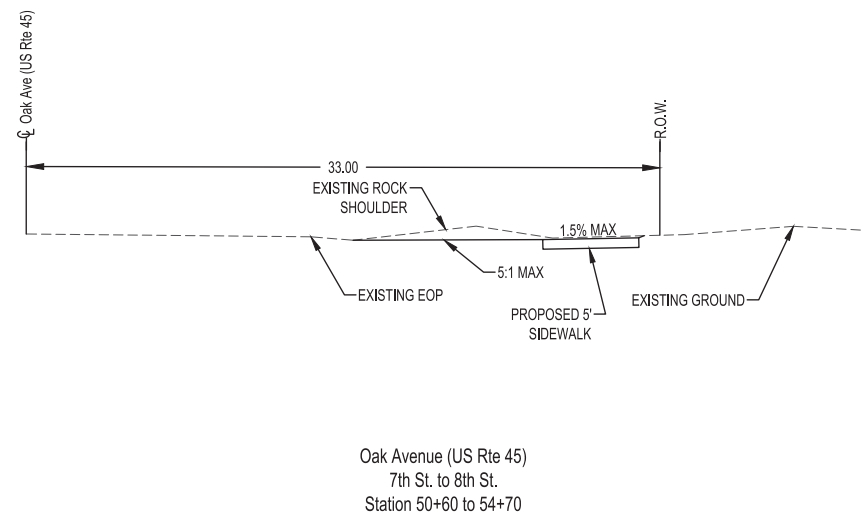
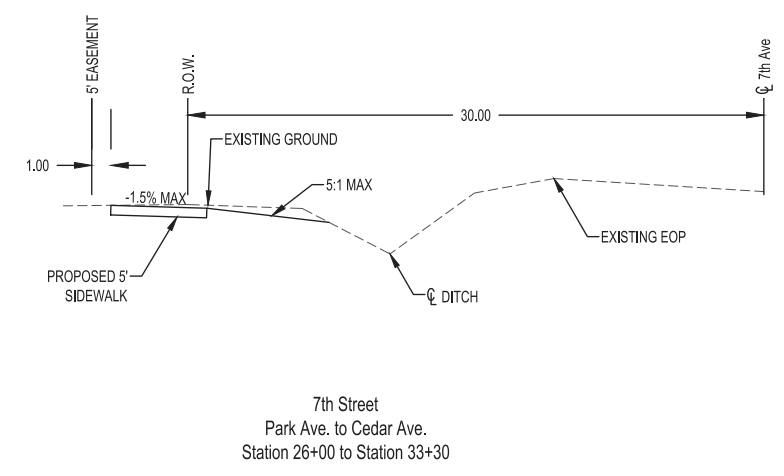
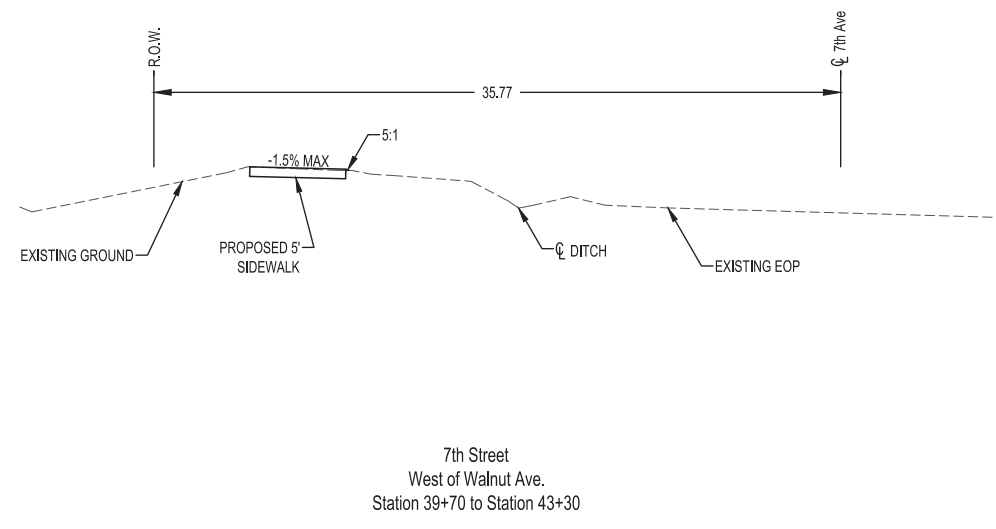
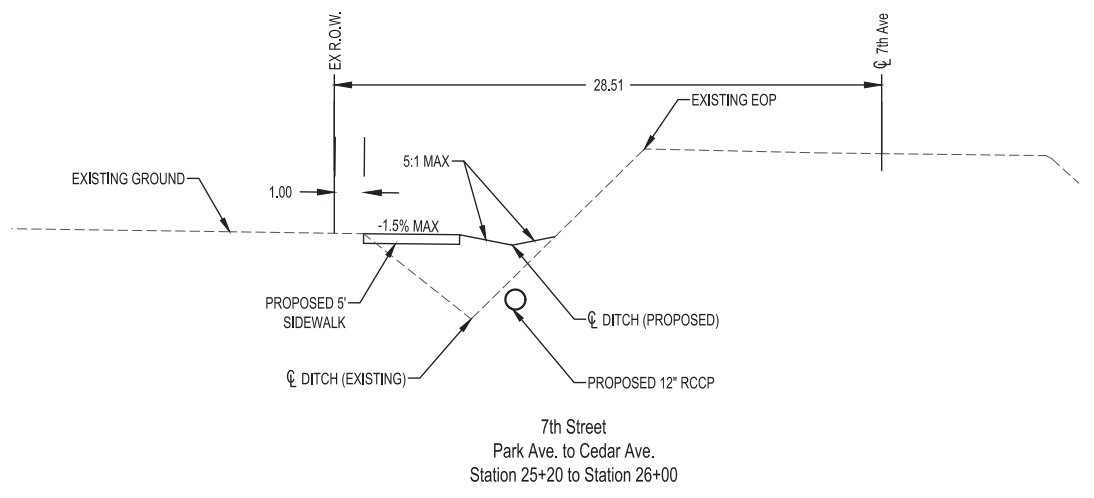
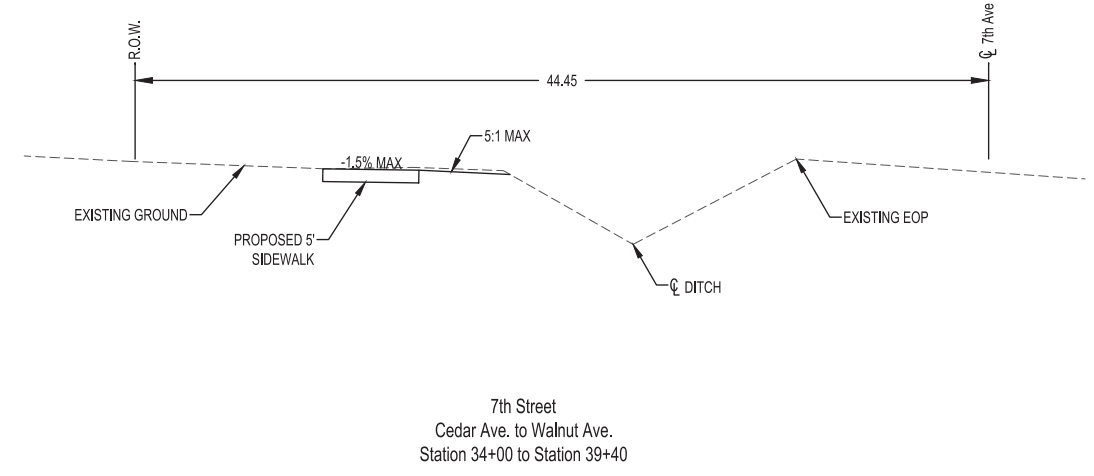
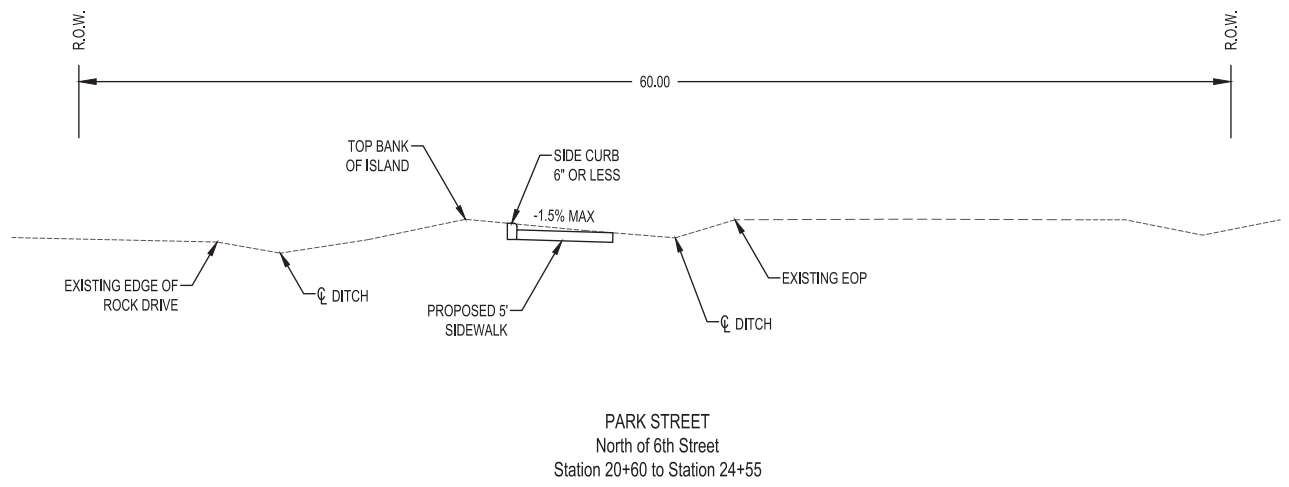
DETECTABLE WARNINGS			
STATION (START)	STATION (FINISH)	OFFSET	DETECTABLE WARNINGS
			SQ FT
20+64.74	20+64.77	18.88 - 23.88 RT	10
20+65.51	20+70.51	10.53 - 12.53 LT	10
24+50.35	24+55.37	10.39 - 12.39 LT	10
24+51.95	24+56.81	12.86 - 14.86 RT	10
25+05.51	25+10.51	13.59 - 15.59 LT	10
28+73.12	28+75.13	22.57 - 24.57 LT	10
29+04.99	29+09.99	9.14 - 11.14 LT	10
33+21.67	33+23.67	28.06 - 33.06 LT	10
33+45.46	33+47.46	27.19 - 32.19 LT	10
35+32.72	35+34.71	26.92 - 31.92 LT	10
35+72.32	35+77.32	7.51 - 9.51 LT	10
39+22.28	39+27.28	10.60 - 12.60 LT	10
39+36.79	39+38.79	24.55 - 29.55 LT	10
39+66.57	39+68.57	24.20 - 29.20 LT	10
47+72.28	47+74.28	22.55 - 27.55 LT	10
48+07.44	48+09.44	24.45 - 29.49 LT	10
49+08.94	49+10.94	23.55 - 28.55 LT	16
49+39.49	49+41.49	20.55 - 28.55 LT	16
49+46.16	49+48.16	19.93 - 27.90 LT	16
50+46.55	50+48.55	16.83 - 24.83 LT	16
54+69.89	54.71.89	26.81 - 31.81 RT	10
55+00.92	55+02.92	28.70 - 33.70 RT	10
59+92.37	59+97.37	13.66 - 15.66 RT	10
63+81.90	63.83.90	34.30 - 39.30 RT	16
64+02.87	64+04.87	34.12 - 39.12 RT	16
67+80.07	67+82.07	27.72 - 32.72 RT	27
68+14.18	68+16.18	27.43 - 32.43 RT	19
84+72.54	84+74.54	27.87 - 32.87 LT	10
94+91.46	94+96.46	28.02 - 33.02 LT	10
89+20.50	89+25.50	18.96 - 20.96 LT	10
89+32.09	89+39.09	31.50 - 36.50 LT	10
89+66.62	89+71.62	31.72 - 37.72 LT	10
93+89.14	93+94.14	16.39 - 18.39 LT	10
98+07.42	98+09.42	29.92 - 34.92 LT	10
98+52.92	98+54.92	25.06 - 30.06 LT	10
103+56.04	103+58.04	22.53 - 27.53 LT	10
103+79.81	103+81.81	22.59 - 27.59 LT	10
108+05.51	108.07.51	24.01 - 29.01 LT	10
108+28.27	108+30.27	23.16 - 28.16 LT	10
119+22.76	119+24.76	26.81 - 31.81 LT	10
119+50.92	119+52.92	27.03 - 32.03 LT	10
TOTAL			472

REMOVAL (OTHER)				
STATION	O/S	REMOVE GRATING	RETAINING WALL REMOVAL	REMOVE AND REINSTALL PARKING BLOCKS
		EACH	FOOT	EACH
26+82.62	26.91 LT		2	
27+13.40	26.91 LT		2	
29+72.99	24.42 LT	1		
47+11.52 - 47+43.39	26.95 LT			4
62+10.99	26.91 RT		3	
62+29.11	26.99 RT		3	
TOTAL		1	10	4

REVISION ISSUED	DATE	BY	DESCRIPTION
01	06/20/24	JCS	ISSUE FOR PERMITS
02	06/20/24	JCS	ISSUE FOR PERMITS
03	06/20/24	JCS	ISSUE FOR PERMITS
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40	06/20/24	JCS	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	21-00008 01-SW	CUMBERLAND	34	7
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	

DATE	BY	REVISION
10/17/2023	JCS	ISSUED FOR PERMITS
12/14/2023	JCS	DESIGN REVISIONS
01/09/2024	JCS	100% PRELIMINARY REVIEW PERIOD
01/09/2024	JCS	FINAL PLANS



786	JCS	MJH	S:\2018\1805\01\TITLE SHEETING
FIELD BOOK	DRAWN BY	CHECKED BY	FILE LOCATION
			SAVE DATE

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE.   PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262   (800) 677-2714
Email: mgenr@mgengineers.com
Web: www.mgengineers.com
Design Firm # 184-003108



TYPICAL SECTIONS
ITEP
21-00008-01-SW
NEOGA, ILLINOIS

SHEET #	7 OF 34
JOB #	19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	21-00008 01-SW	CUMBERLAND	34	8
FED. ROAD DIST. NO. 7	ILLINOIS		CONTRACT #95947	

REVISION ISSUED	DATE	BY	DESCRIPTION
	10/07/2023	JCS	DESIGN FOR CONSTRUCTION
	12/14/2023	JCS	100% PRELIMINARY REVIEW PERIOD
	01/09/2024	JCS	FINAL PLANS

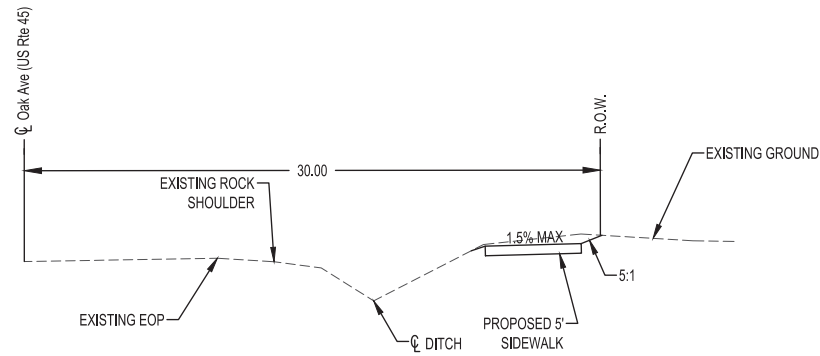
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<b>MILANO &amp; GRUNLOH ENGINEERS, LLC</b>				
114 W. WASHINGTON AVE.   PO BOX 897				
EFFINGHAM, IL 62401				
Phone: (217) 347-7262   (800) 677-2714				
Email: mgenr@mgengineers.com				
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Design Firm # 184-003108				

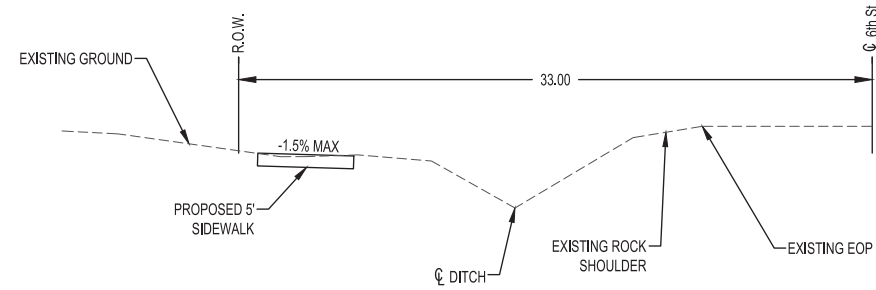


TYPICAL SECTIONS	ITEP
	21-00008-01-SW
	NEOGA, ILLINOIS

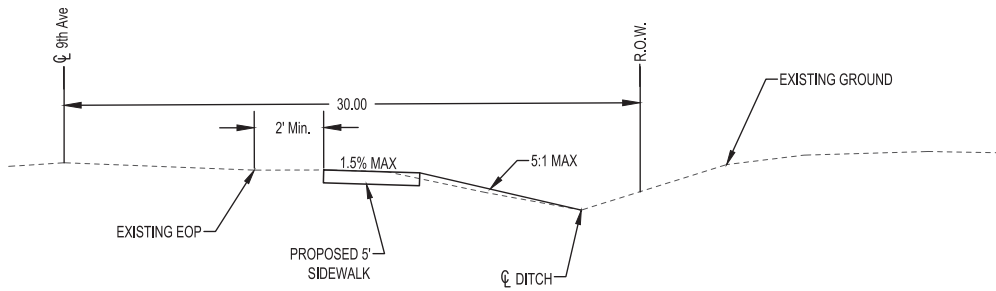
SHEET #	8 OF 34
JOB #	19245



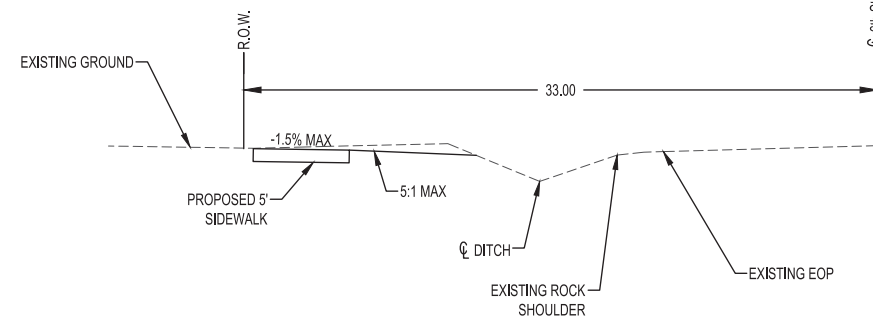
Oak Avenue (US Rte 45)  
8th St. to 9th St.  
Station 55+00 to 59+20



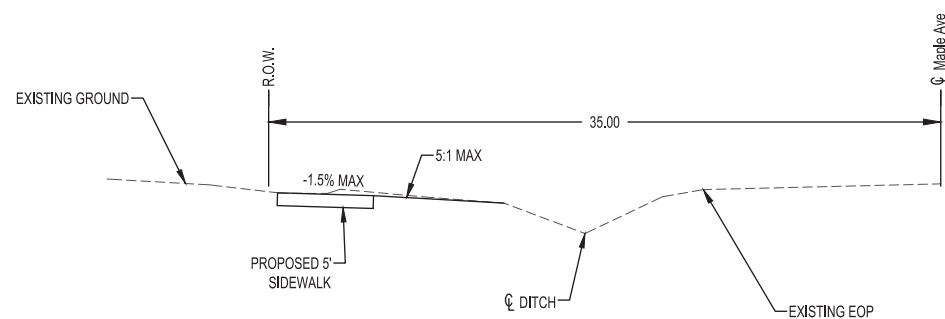
6th Street  
Maple to R.R. Crossing  
Station 94+30 to 98+00



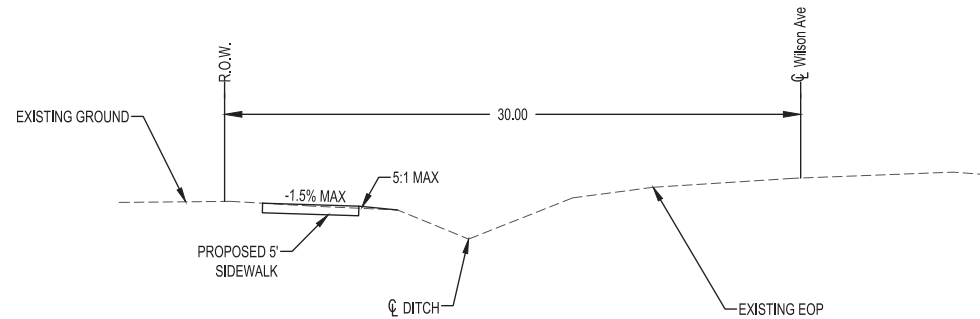
9th Street  
From Oak Ave (US Rte 45) to City Park  
Station 59+90 to 70+80



6th Street  
Railroad Crossing to Wilson Ave  
Station 99+00 to Station 114+80



Maple Avenue  
9th Avenue to 6th Avenue  
Station 80+30 to Station 93+90



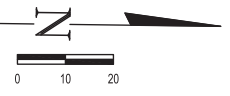
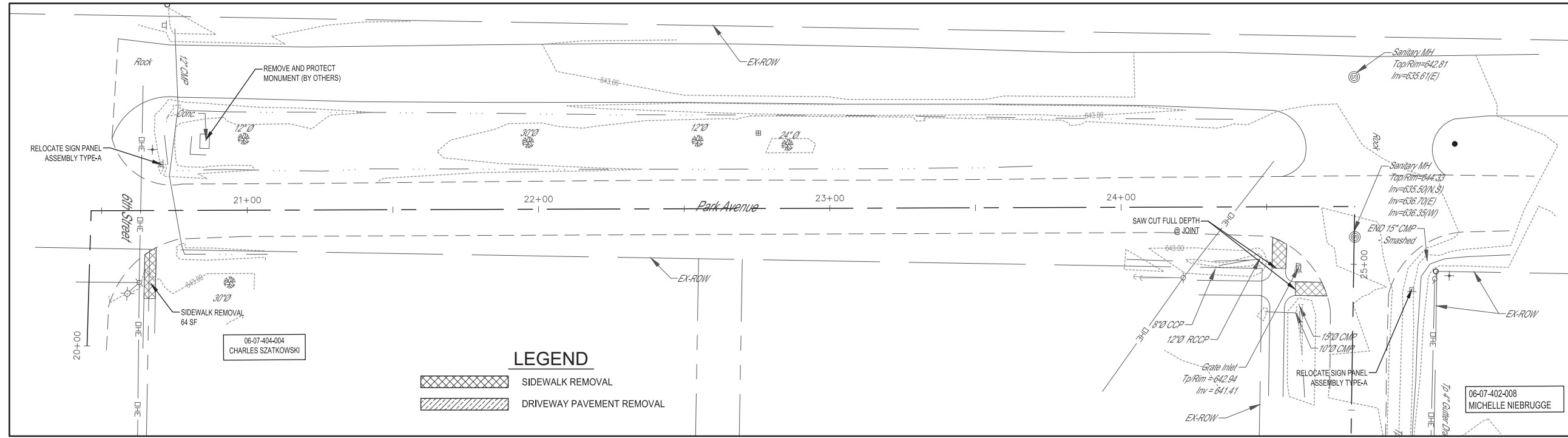
Wilson Avenue  
6th St. to 7th St.  
Station 115+30 to 120+00





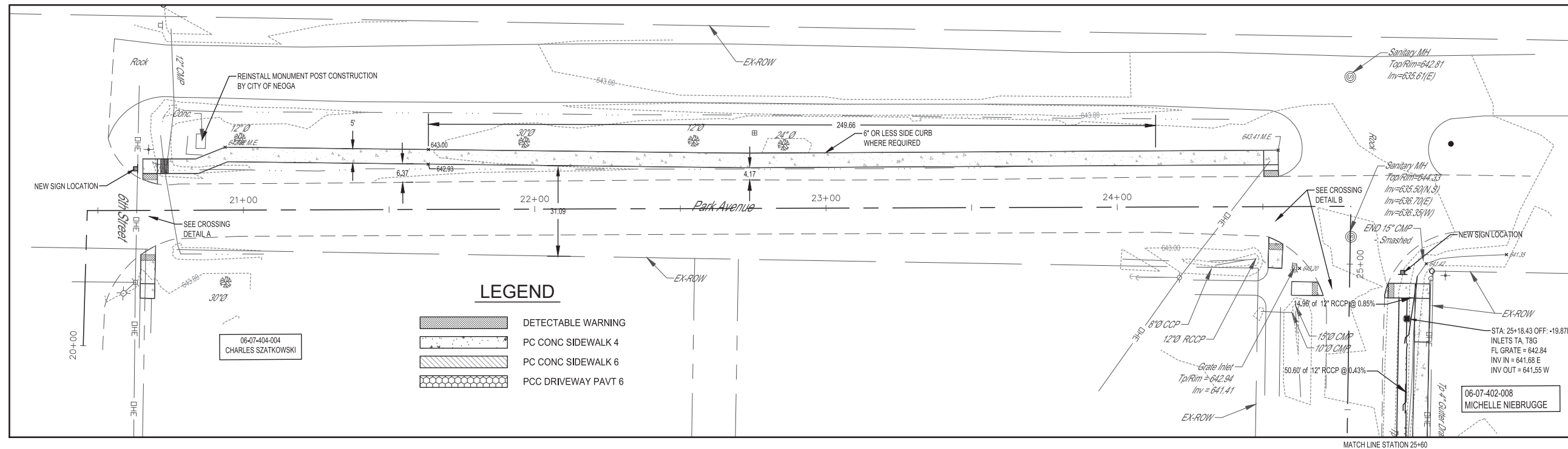
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	10
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #69547		

# REMOVAL PLAN



REVISION ISSUED	DATE	BY	DESCRIPTION
1	06/07/2024	JCS	ISSUE FOR PERMITS
2	06/07/2024	JCS	ISSUE FOR PERMITS
3	06/07/2024	JCS	ISSUE FOR PERMITS
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99	06/07/2024	JCS	ISSUE FOR PERMITS
100	06/07/2024	JCS	ISSUE FOR PERMITS

# REPLACEMENT PLAN

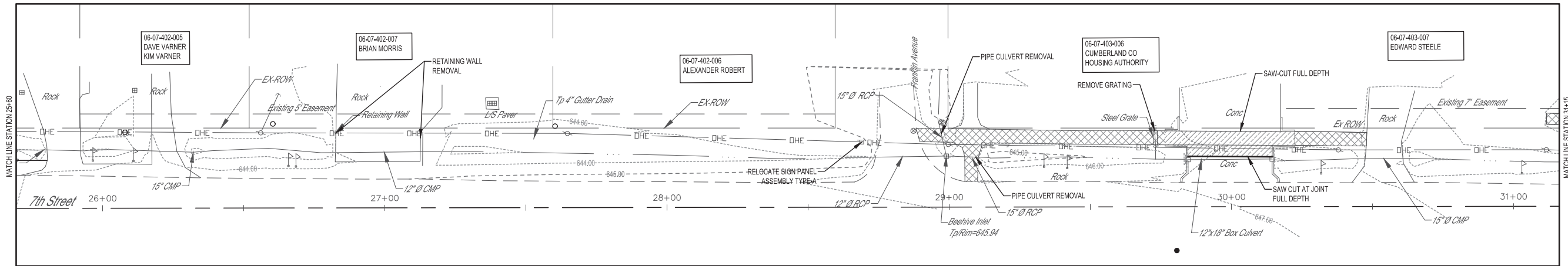


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CHECKED BY	MJH
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SAVE DATE	11/22/2024 13:05
REMOVAL AND REPLACEMENT PLAN	STATION 20+00-25+60
ITEP	21-00008-01-SW
	NEOGA, ILLINOIS
SHEET #	10 OF 34
JOB #	19245

**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgenr@milengr.com  
 Web: www.milengr.com  
 Design Firm # 184-003108

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008	CUMBERLAND	34	11
F.A.	01-SW			
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

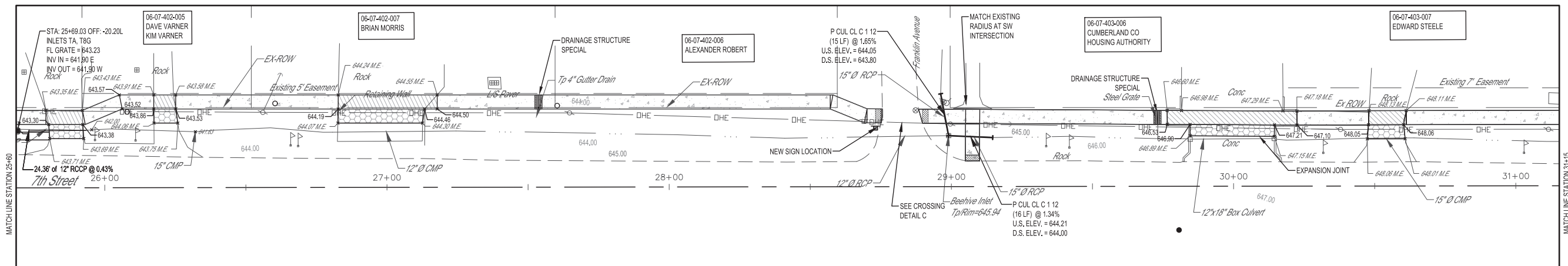
# REMOVAL PLAN



## LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



## LEGEND

- DETECTABLE WARNING
- PC CONC SIDEWALK 4
- PC CONC SIDEWALK 6
- PCC DRIVEWAY PAVT 6

REVISION ISSUED	DATE	BY	DESCRIPTION
1	06/07/2024	JCS	ISSUE FOR PERMITS
2	06/07/2024	MJH	ISSUE FOR PERMITS
3	06/07/2024	MJH	ISSUE FOR PERMITS
4	06/07/2024	MJH	ISSUE FOR PERMITS
5	06/07/2024	MJH	ISSUE FOR PERMITS
6	06/07/2024	MJH	ISSUE FOR PERMITS
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8	06/07/2024	MJH	ISSUE FOR PERMITS
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98	06/07/2024	MJH	ISSUE FOR PERMITS
99	06/07/2024	MJH	ISSUE FOR PERMITS
100	06/07/2024	MJH	ISSUE FOR PERMITS

MILANO & GRUNLOH ENGINEERS, LLC  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
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 Email: mge@milanogrunloh.com  
 Website: www.milanogrunloh.com  
 Design Firm # 184-003108

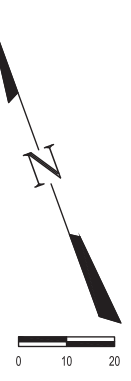
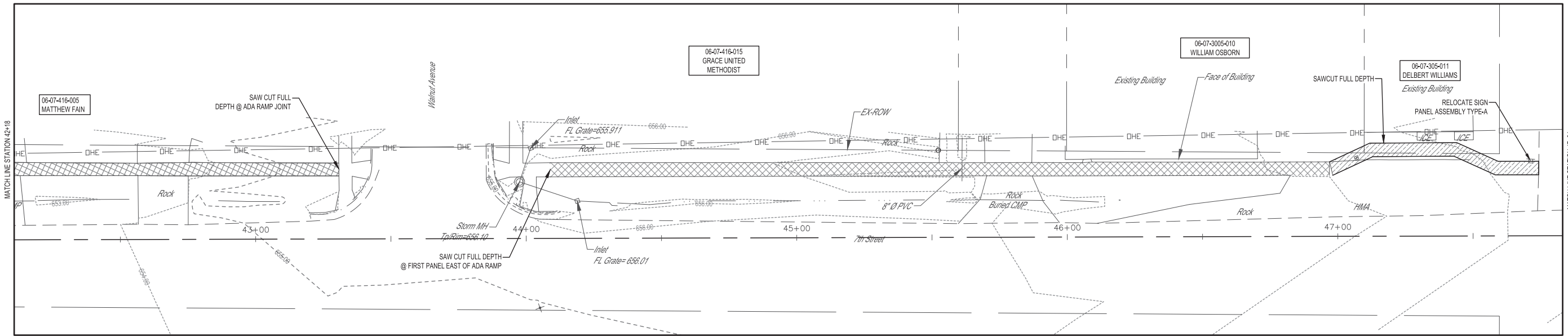
REMOVAL AND REPLACEMENT PLAN STATION 25+60-31+15	ITP
	21-00008-01-SW
	NEOGA, ILLINOIS
SHEET #	11 OF 34
JOB #	19245





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	14
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

# REMOVAL PLAN



**LEGEND**

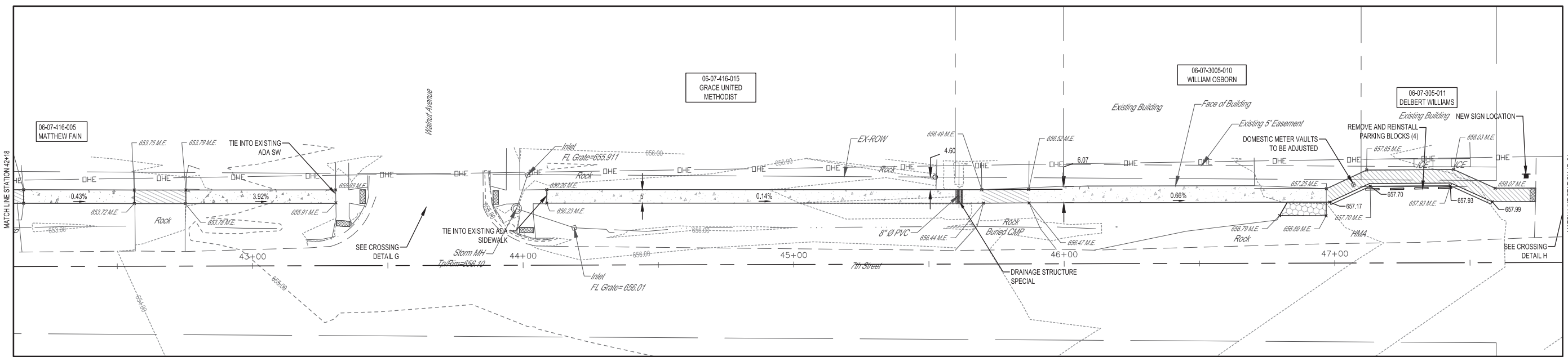
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	DRIVEWAY PAVEMENT REMOVAL

REVISION ISSUED	DATE	BY	DESCRIPTION
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2	06/07/2024	MJH	DESIGN CHANGES
3	07/24/2024	JCS	100% PRELIMINARY REVIEW PERIOD
4	07/24/2024	JCS	FINAL PLANS

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DRAWN BY	JCS
CHECKED BY	MJH
FILE LOCATION	S:\2018\95947\DESIGN\DWG
SAVE DATE	1/12/2024 13:05

# REPLACEMENT PLAN



**LEGEND**

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgenr@milengr.com | www.milengr.com  
 Design Firm # 184-003108

REMOVAL AND REPLACEMENT PLAN  
 STATION 42+18-48+00

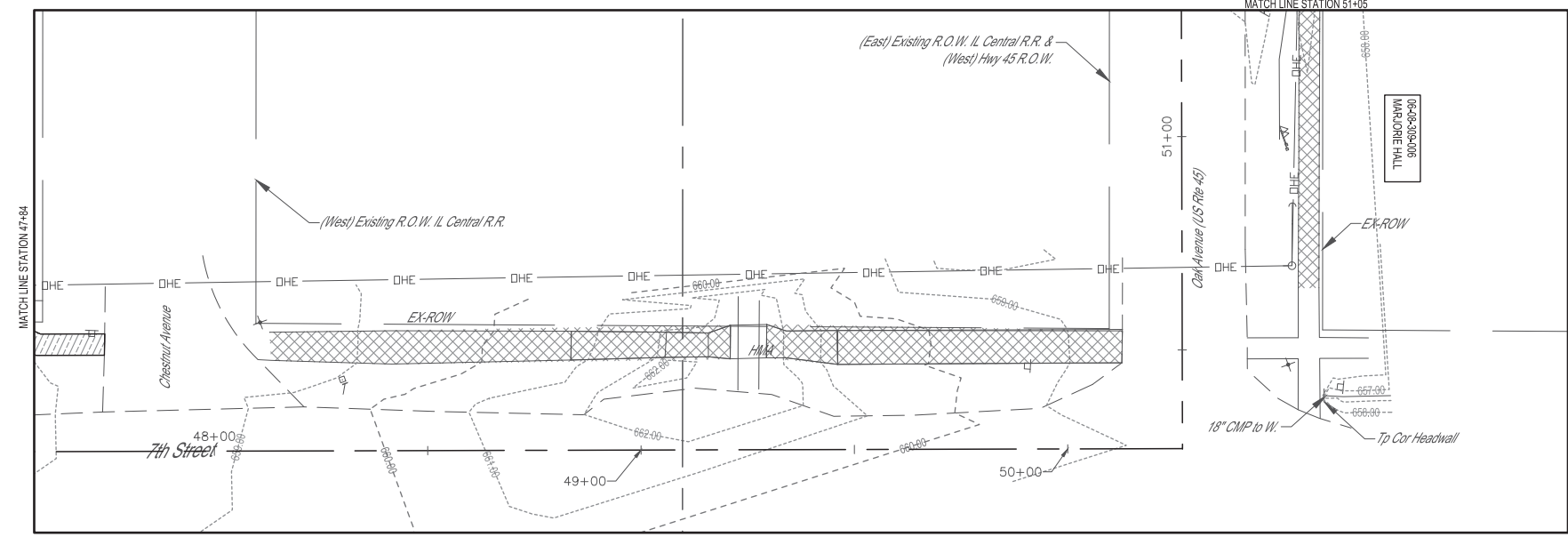
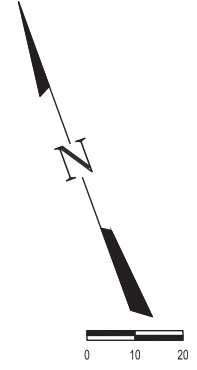
ITEP  
 21-00008-01-SW  
 NEOGA, ILLINOIS

SHEET #  
 14 OF 34

JOB #  
 19245

# REMOVAL PLAN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-0008 01-SW	CUMBERLAND	34	15
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		



### LEGEND

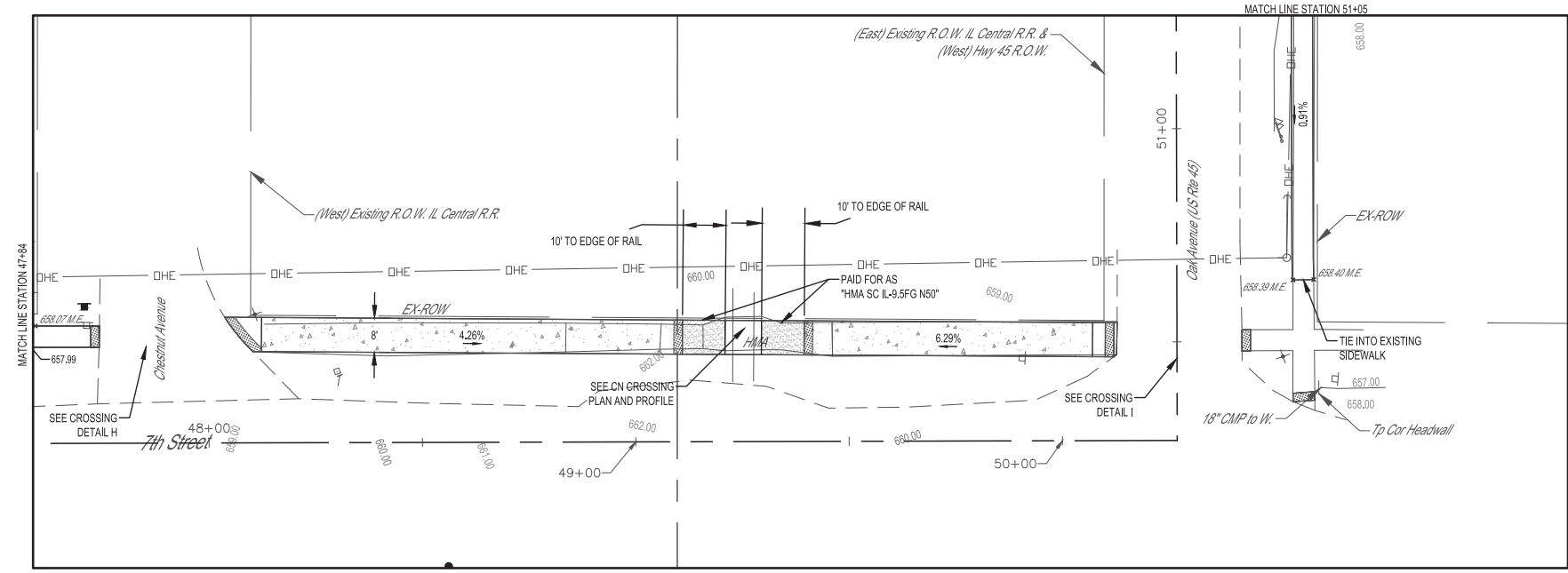
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	DRIVEWAY PAVEMENT REMOVAL

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	12/14/2023	JCS	DESIGN REVISIONS
	07/09/2024	JCS	DESIGN REVISIONS
			FINAL PLANS

FIELD BOOK	786
DRAWN BY	JCS
CHECKED BY	MJH
FILE LOCATION	S:\2018\DESIGN\SERIAL\DWG
SAVE DATE	1/22/2024 13:05

# REPLACEMENT PLAN



### LEGEND

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6
	HMA SC IL-9.5FG N50

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE.   PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262   (800) 677-2714
Email: mgenr@mgengineers.com
Web: www.mgengineers.com
Design Firm # 184-003108

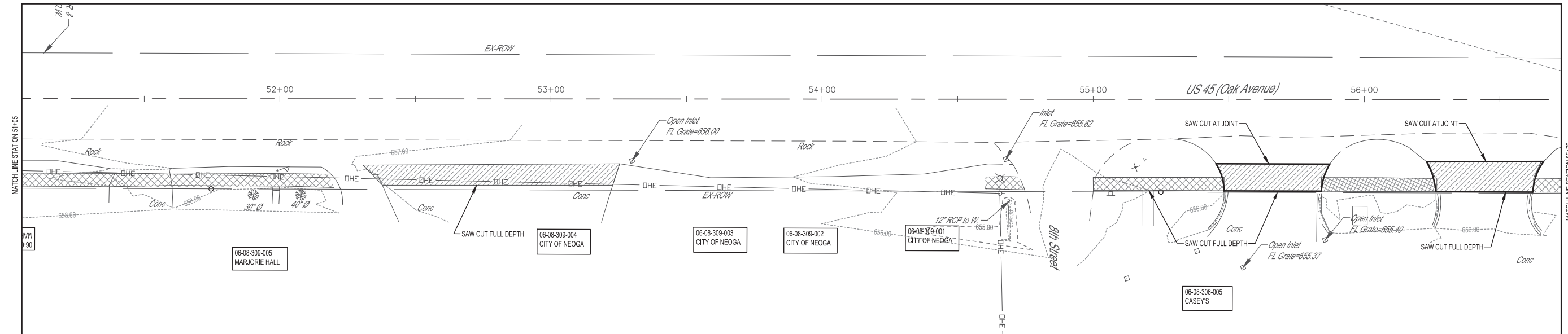
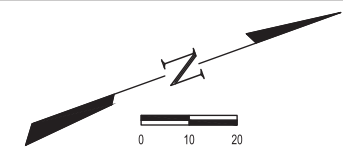
REMOVAL AND REPLACEMENT PLAN
STATION 48+00-51+50
ITEP
21-0008-01-SW
NEOGA, ILLINOIS

SHEET #	15 OF 34
JOB #	19245

# REMOVAL PLAN

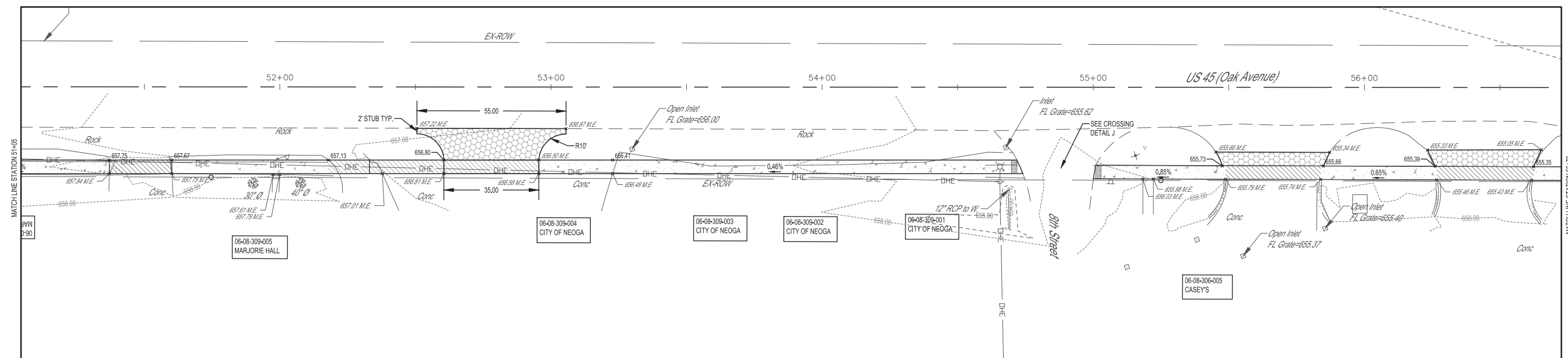
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S.B.I.	21-00008 01-SW	CUMBERLAND	34	16
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		



### LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



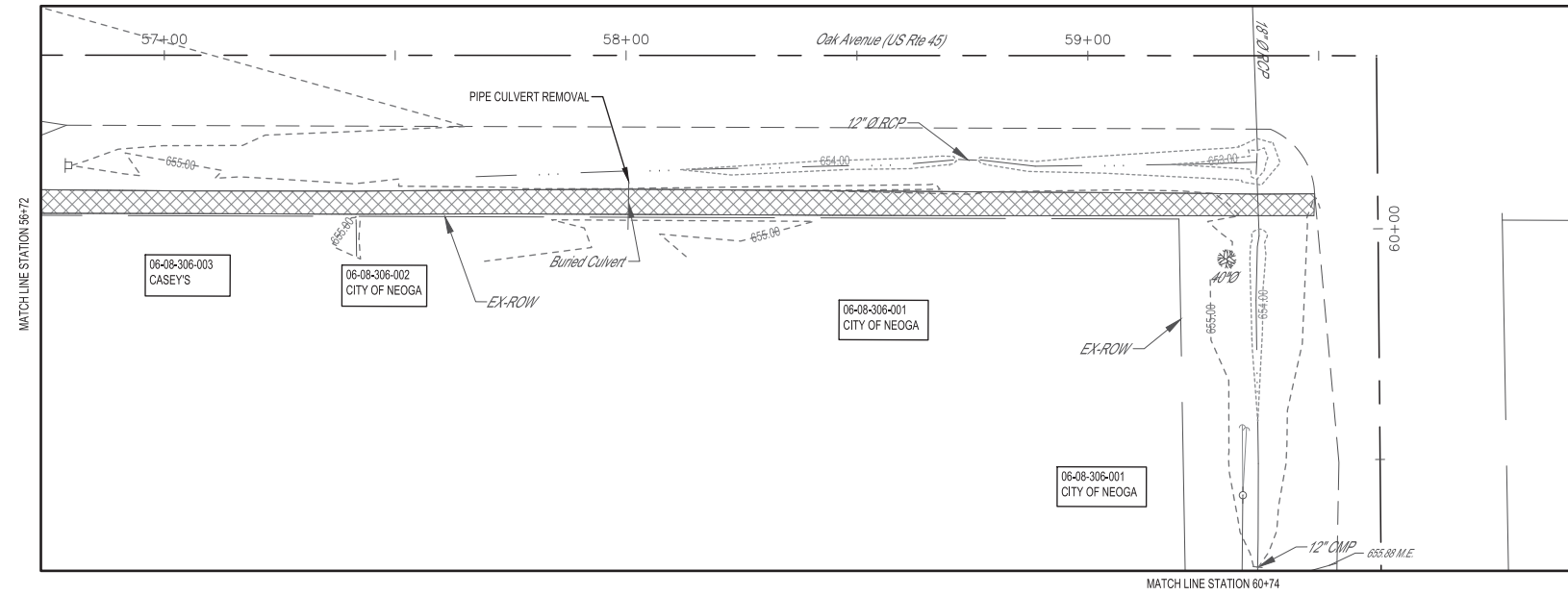
### LEGEND

- DETECTABLE WARNING
- PC CONC SIDEWALK 4
- PC CONC SIDEWALK 6
- PCC DRIVEWAY PAVT 6

REVISION ISSUED BY: JCS DATE: 10/17/24 CHECKED BY: MJH DATE: 12/14/24 FILE LOCATION: S:\2018\DESIGN\DESIGNAL\DWG SAVE DATE: 1/22/2024 13:05	FIELD BOOK: 786 DRAWN BY: JCS CHECKED BY: MJH FILE LOCATION: S:\2018\DESIGN\DESIGNAL\DWG SAVE DATE: 1/22/2024 13:05	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgenr@engr.com   www.mgenr.com Design Firm # 184-003108	REMOVAL AND REPLACEMENT PLAN STATION 51+05-56+72 ITP 21-00008-01-SW NEOGA, ILLINOIS	SHEET # 16 OF 34 JOB # 19245
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# REMOVAL PLAN

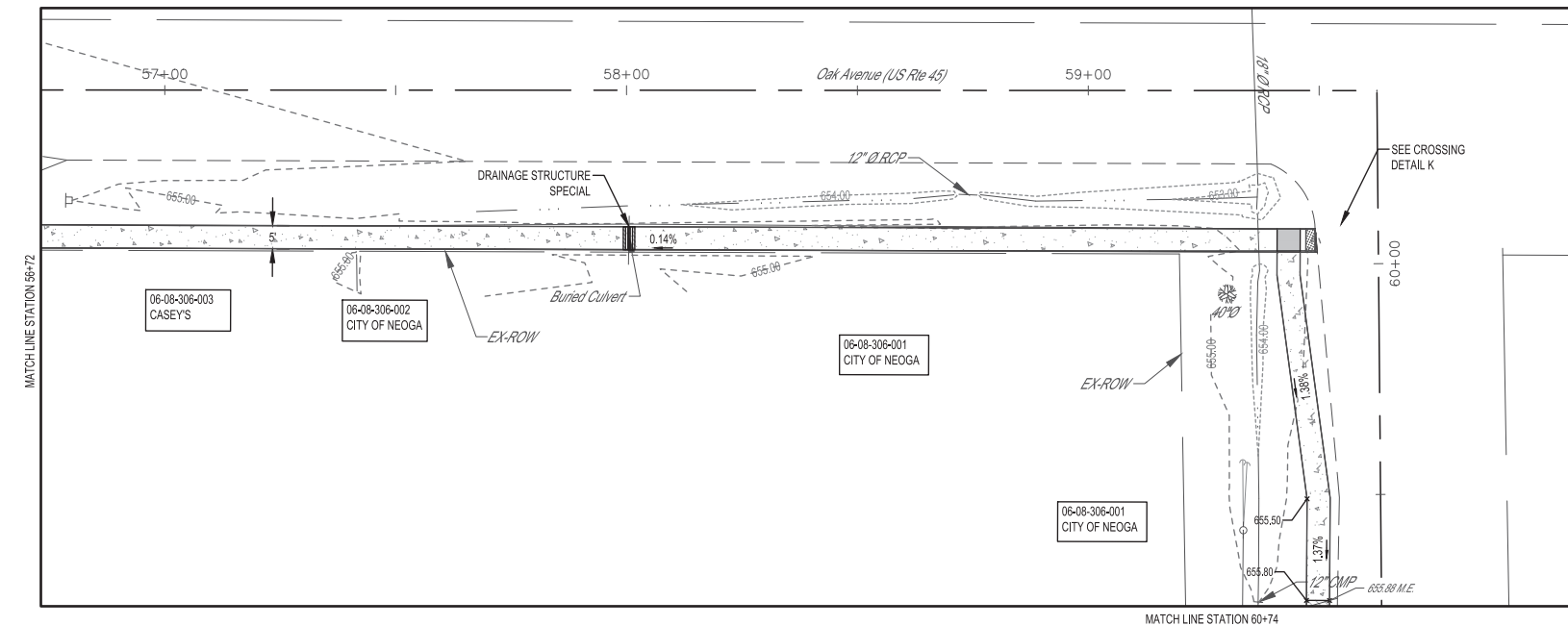


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008-01-SW	CUMBERLAND	34	17
F.A.				
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	

## LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



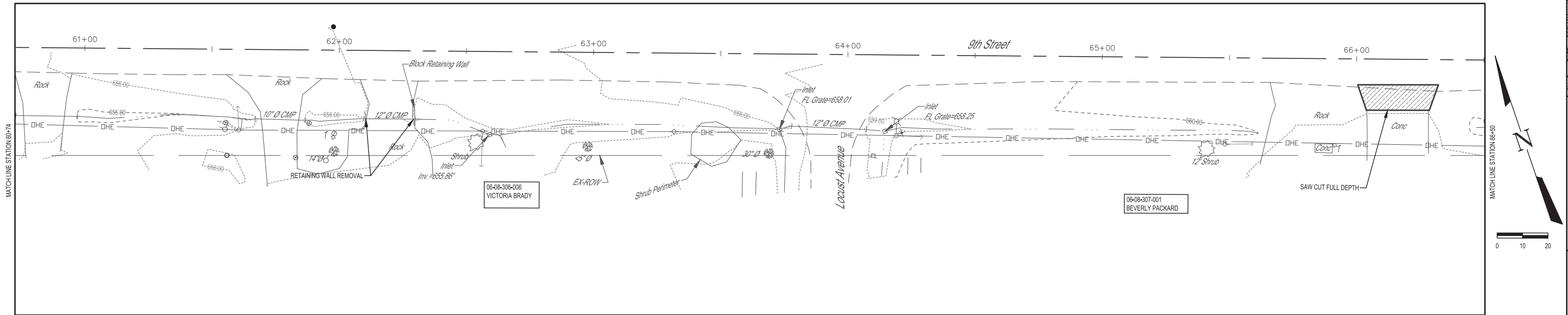
## LEGEND

- DETECTABLE WARNING
- PC CONC SIDEWALK 4
- PC CONC SIDEWALK 6
- PCC DRIVEWAY PAVT 6

REVISION ISSUED BY DATE JCS 10/17/2023 JCS 12/14/2023 JCS 01/09/2024	APPROVED BY DATE JCS 12/14/2023 JCS 01/09/2024	PROJECT NO. 21-00008-01-SW	SHEET NO. 17 OF 34	JOB # 19245	DESIGNER M.J.H.	CHECKED BY M.J.H.	FILE LOCATION S:\2018\1845\DESIGN\SERIAL\DWG	SAVE DATE 1/12/2024 13:05
MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108								
REMOVAL AND REPLACEMENT PLAN STATION 56+72-60+74 I/TEP 21-00008-01-SW NEOGA, ILLINOIS								

# REMOVAL PLAN

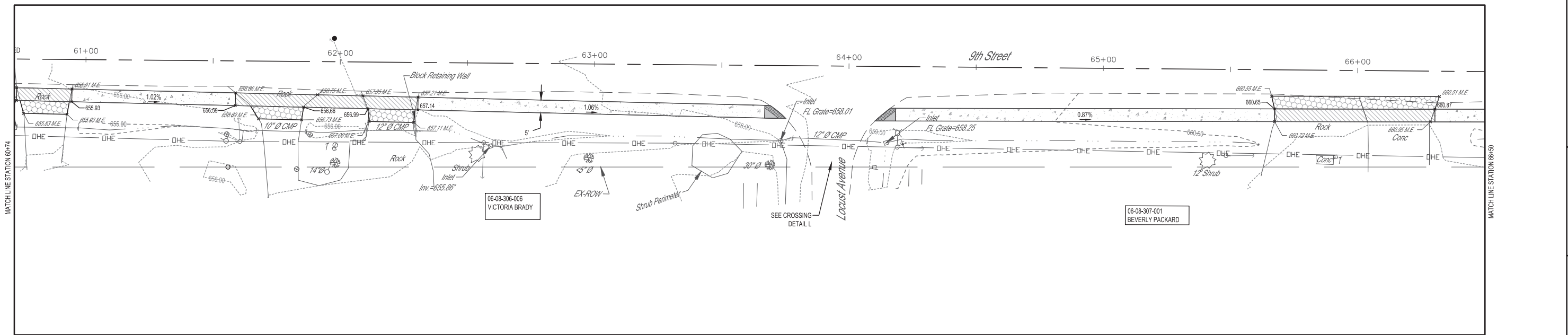
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S.B.I.	21-00008	CUMBERLAND	34	18
F.A.	01-SW			
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	



### LEGEND

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



### LEGEND

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

REVISION ISSUED	DATE	BY
DESIGN	10/07/2023	JCS
DESIGN	12/14/2023	MJH
100% PRELIMINARY REVIEW PERIOD	12/13/23	JCS
FINAL PLANS	01/09/2024	JCS

FIELD BOOK	786
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CHECKED BY	MJH
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**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
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 Email: mgenr@mgengr.com | www.mgenr.com  
 Design Firm # 184-003108

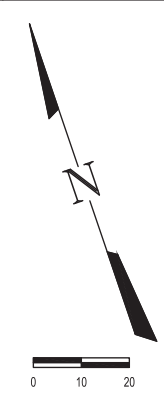
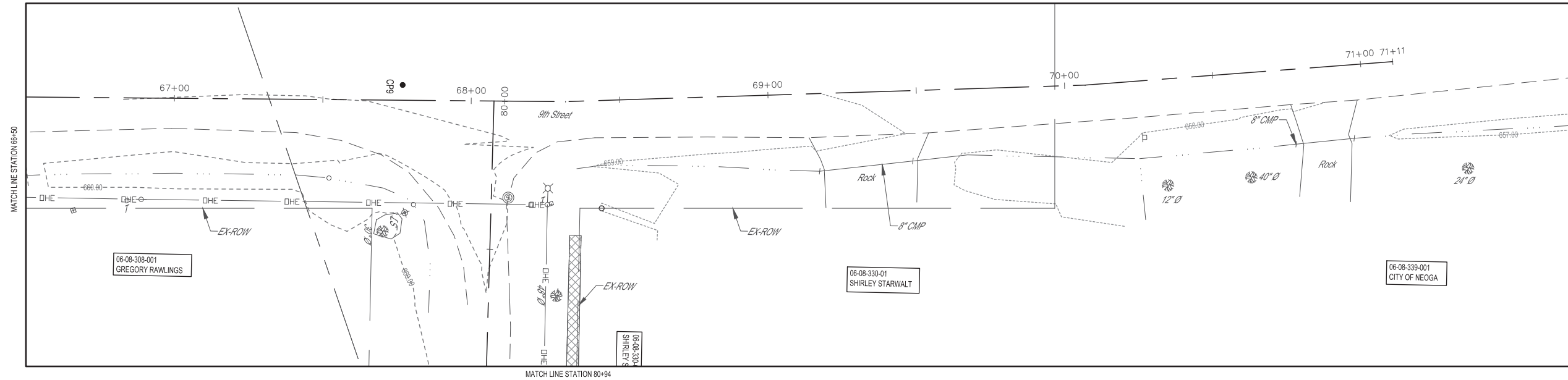
REMOVAL AND REPLACEMENT PLAN STATION 60+74-66+50	ITEP 21-00008-01-SW NEOGA, ILLINOIS
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SHEET #	18 OF 34
JOB #	19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008-01-SW	CUMBERLAND	34	19
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

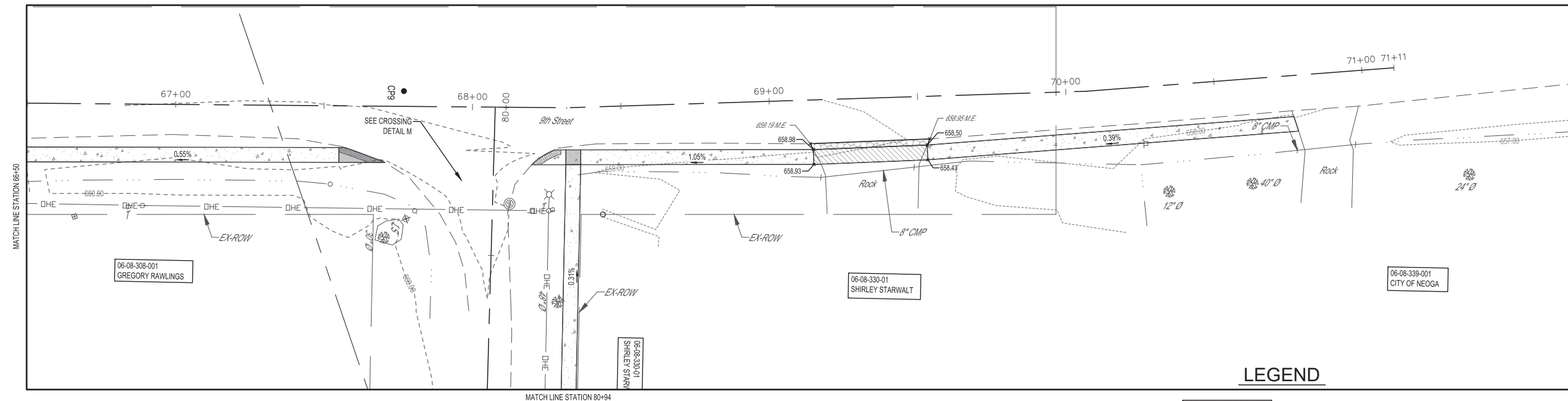
# REMOVAL PLAN







## LEGEND

-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN

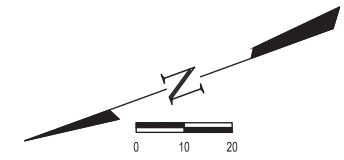


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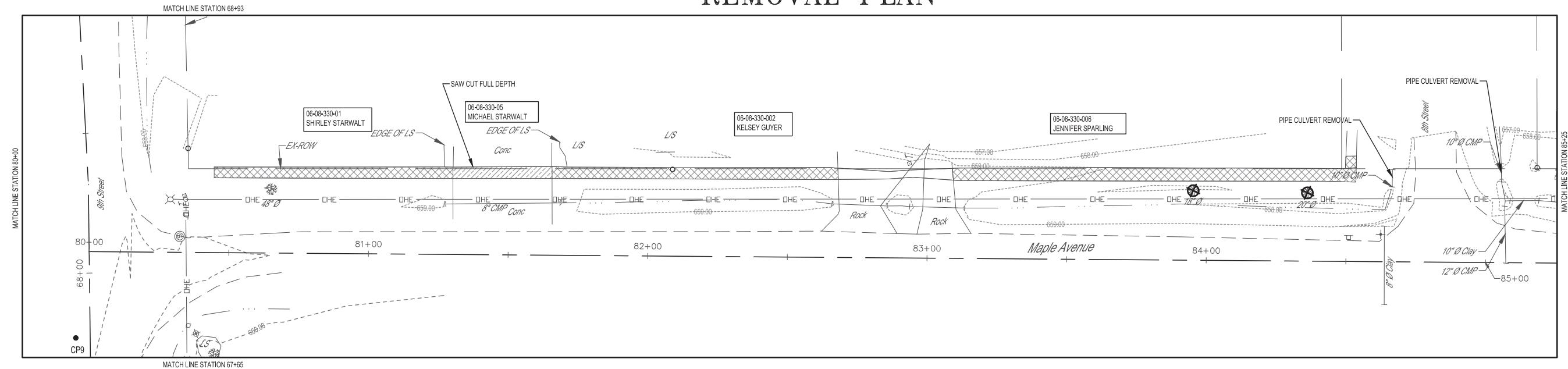
-  DETECTABLE WARNING
-  PC CONC SIDEWALK 4
-  PC CONC SIDEWALK 6
-  PCC DRIVEWAY PAVT 6

REVISION ISSUED BY DATE JCS 10/07/2023 JCS 12/14/2023 JCS 01/09/2024	PREPARED BY JCS CHECKED BY MJH FILE LOCATION S:\2018\1845\DESIGN\SERIAL\DWG	FIELD BOOK 786	DRAWN BY JCS CHECKED BY MJH FILE LOCATION S:\2018\1845\DESIGN\SERIAL\DWG	SAVE DATE 1/12/2024 13:05	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108
REMOVAL AND REPLACEMENT PLAN STATION 66+50-71+11			I/TEP 21-00008-01-SW NEOGA, ILLINOIS		SHEET # 19 OF 34
					JOB # 19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	20
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		



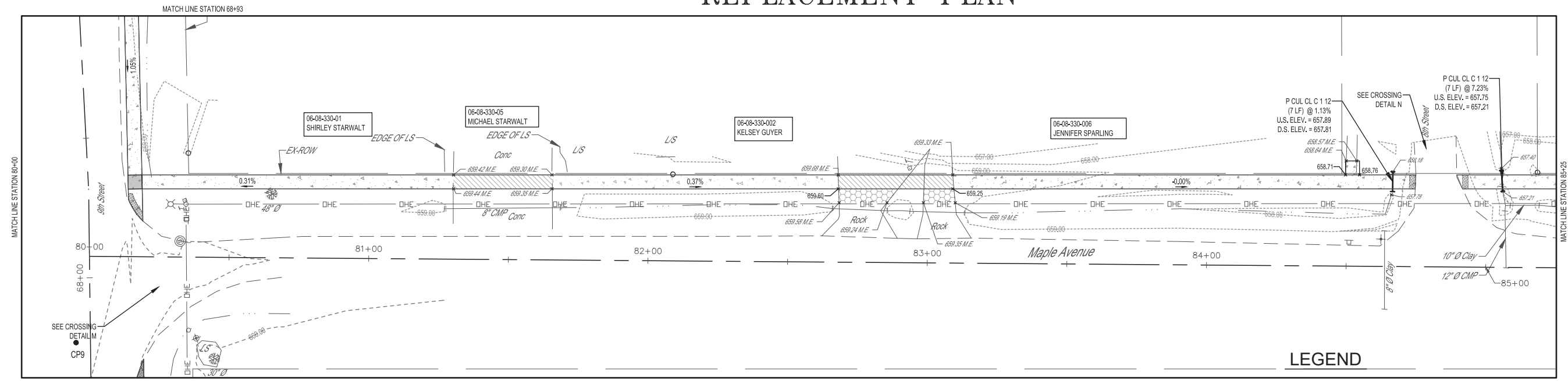
# REMOVAL PLAN



## LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



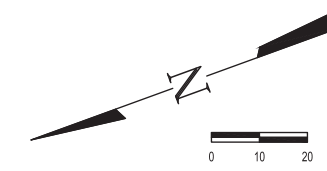
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- DETECTABLE WARNING
- PC CONC SIDEWALK 4
- PC CONC SIDEWALK 6
- PCC DRIVEWAY PAVT 6

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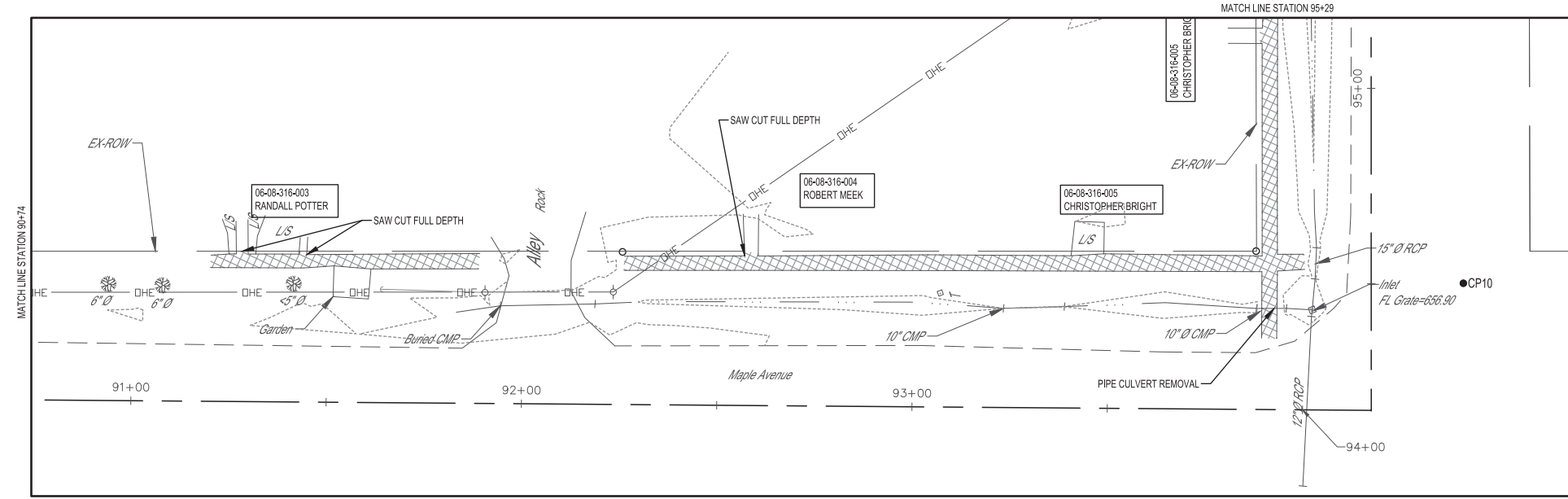


# REMOVAL PLAN



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	

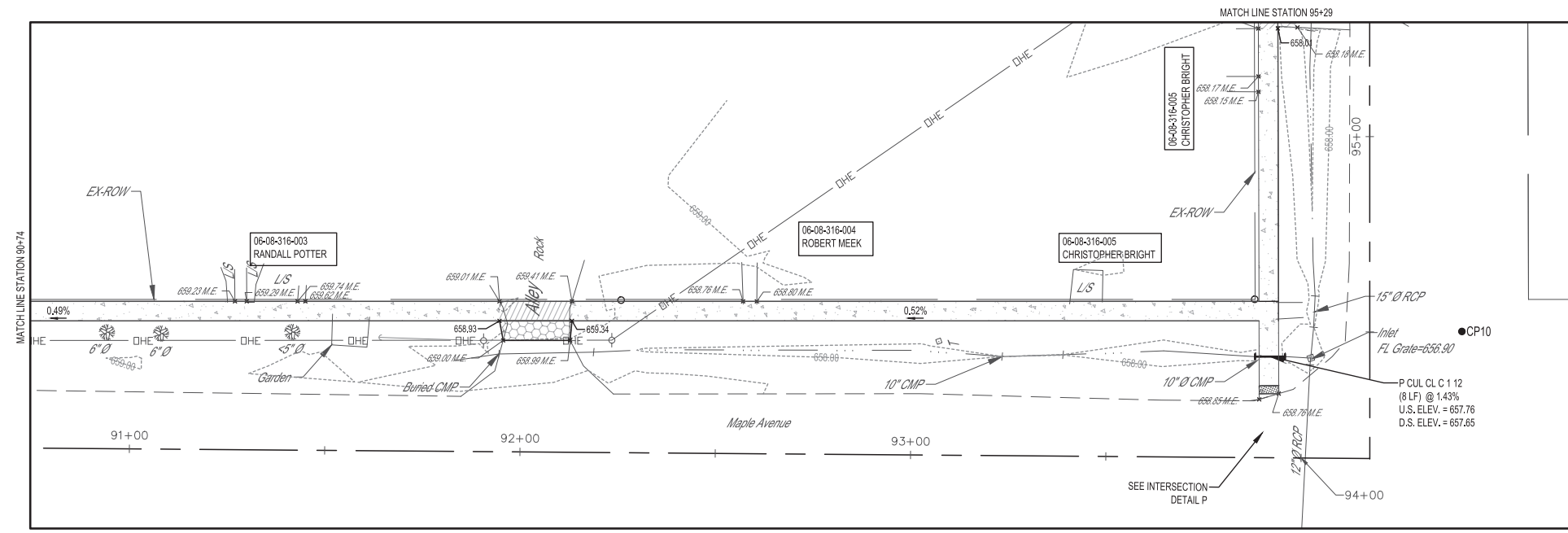
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ISSUED FOR PERMITS	08/07/23	JCS
DESIGN REVISIONS	12/14/23	JCS
100% PRELIMINARY REVIEW PERIOD	12/13/23	JCS
FINAL PLANS	01/09/24	JCS



**LEGEND**

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



**LEGEND**

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

786	FIELD BOOK
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MJH	CHECKED BY
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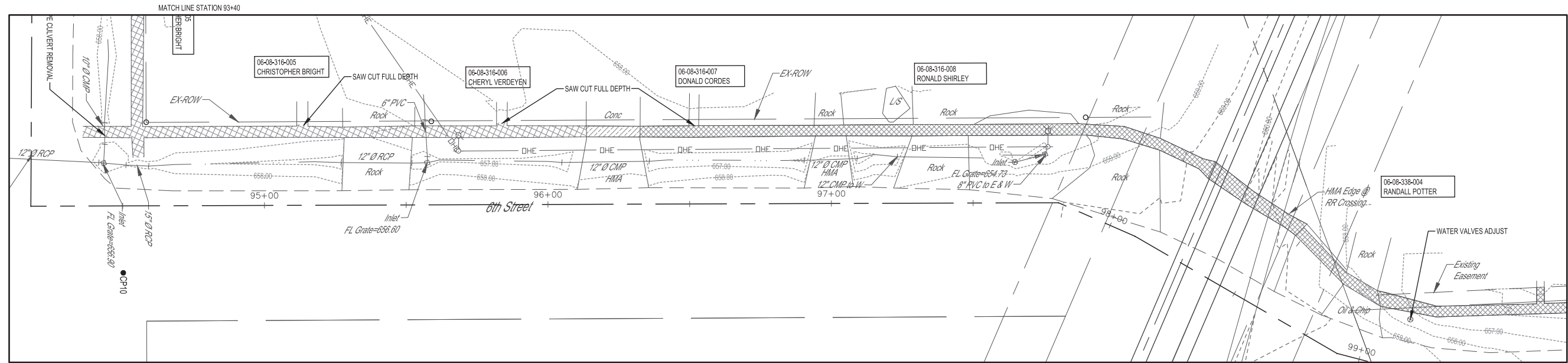
**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgenr@milengr.com | www.milengr.com  
 Design Firm # 184-003108





REMOVAL AND REPLACEMENT PLAN STATION 90+74-94+00	ITP 21-0008-01-SW NEOGA, ILLINOIS
SHEET # 22 OF 34	JOB # 19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008	CUMBERLAND	34	23
F.A.	01-SW			
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

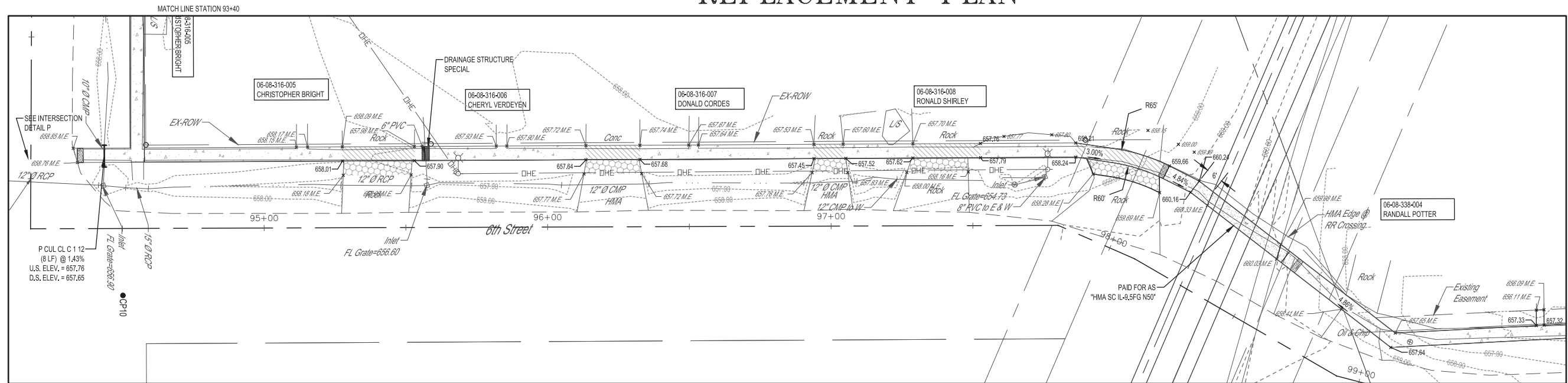
# REMOVAL PLAN




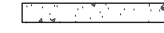
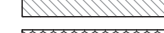

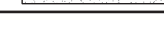
## LEGEND

-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



## LEGEND

-  DETECTABLE WARNING
-  PC CONC SIDEWALK 4
-  PC CONC SIDEWALK 6
-  PCC DRIVEWAY PAVT 6
-  HMA SC IL-9.5FG N50

REVISION ISSUED	DATE	BY	REASON
1	08/21/2024	JCS	ISSUE PER PERMITS
2	09/07/2024	JCS	DESIGN REVISIONS
3	12/12/2024	JCS	100% PRELIMINARY REVIEW PERMITS
4	01/09/2025	JCS	FINAL PLANS

FIELD BOOK	786
DRAWN BY	JCS
CHECKED BY	MJH
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SAVE DATE	1/12/2024 13:05

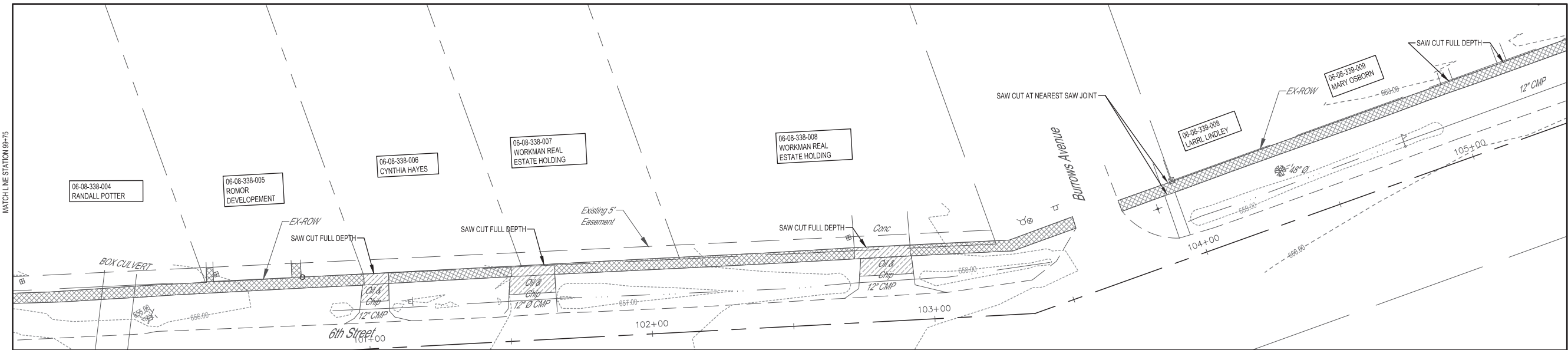
**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgenr@milengr.com  
 Web: www.milengr.com  
 Design Firm # 184-003108



REMOVAL AND REPLACEMENT PLAN	STATION 120+00-125+50
ITEP	21-00008-01-SW
	NEOGA, ILLINOIS
SHEET #	23 OF 34
JOB #	19245

# REMOVAL PLAN

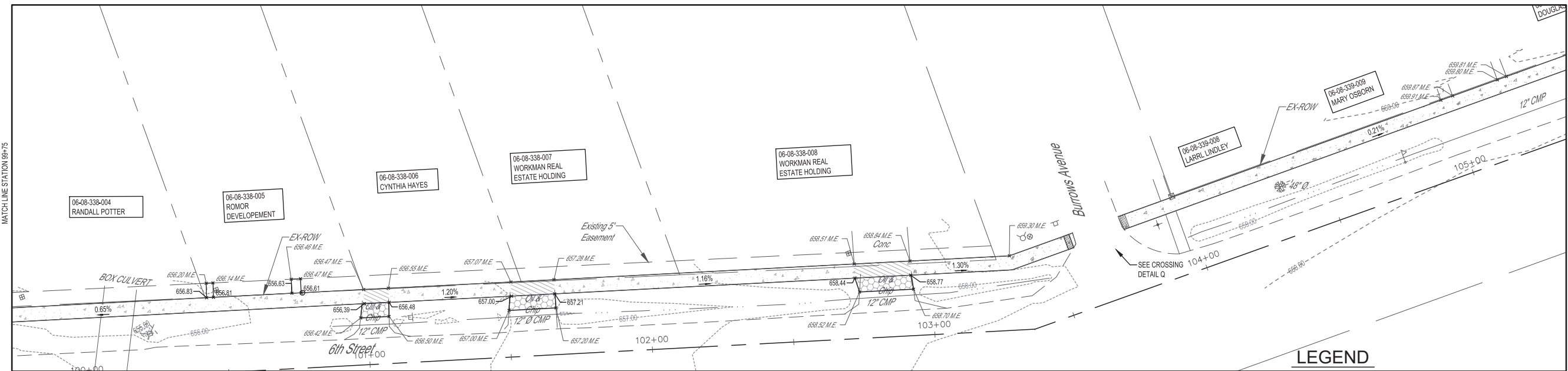
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-0008 01-SW	CUMBERLAND	34	24
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		



**LEGEND**

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



**LEGEND**

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

REVISION ISSUED	DATE	BY	DESCRIPTION
	08/07/2024	JCS	ISSUE FOR PERMITS
	08/07/2024	JCS	ISSUE FOR PERMITS
	12/14/2023	JCS	100% PRELIMINARY REVIEW PERIOD
	07/09/2024	JCS	FINAL PLANS

FIELD BOOK	786
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CHECKED BY	MJH
FILE LOCATION	S:\2018\ISSUES\DESIGN\ALC\DWG
SAVE DATE	1/12/2024 13:05

**MILANO & GRUNLOH ENGINEERS, LLC**  
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 Email: mgenr@milengr.com | www.milengr.com  
 Design Firm # 84-003108

REMOVAL AND REPLACEMENT PLAN	STATION 99+75-105+35
ITP	21-0008-01-SW
	NEOGA-ILLINOIS

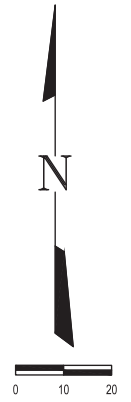
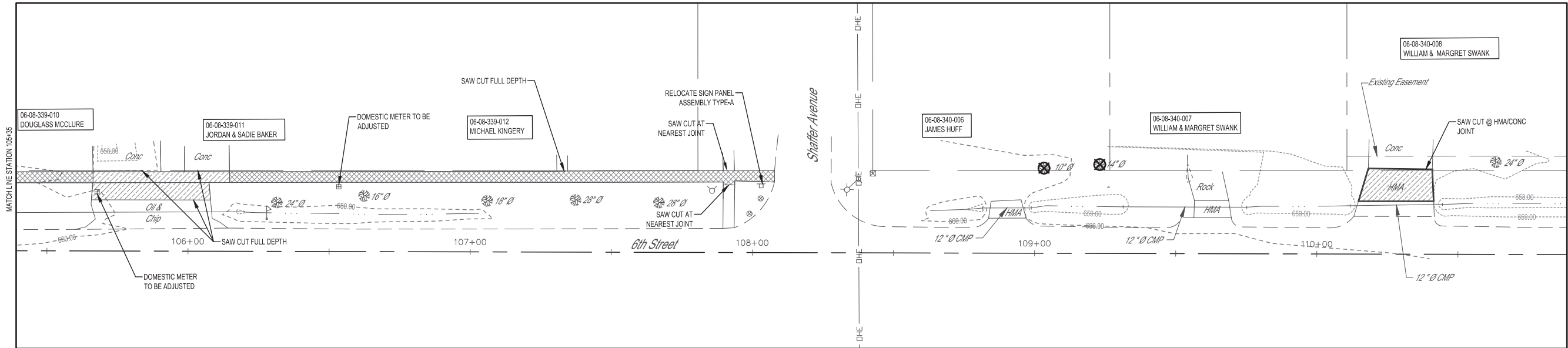
  

SHEET #	24 OF 34
JOB #	19245



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008-01-SW	CUMBERLAND	34	25
F.A.				
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT #95947	

# REMOVAL PLAN

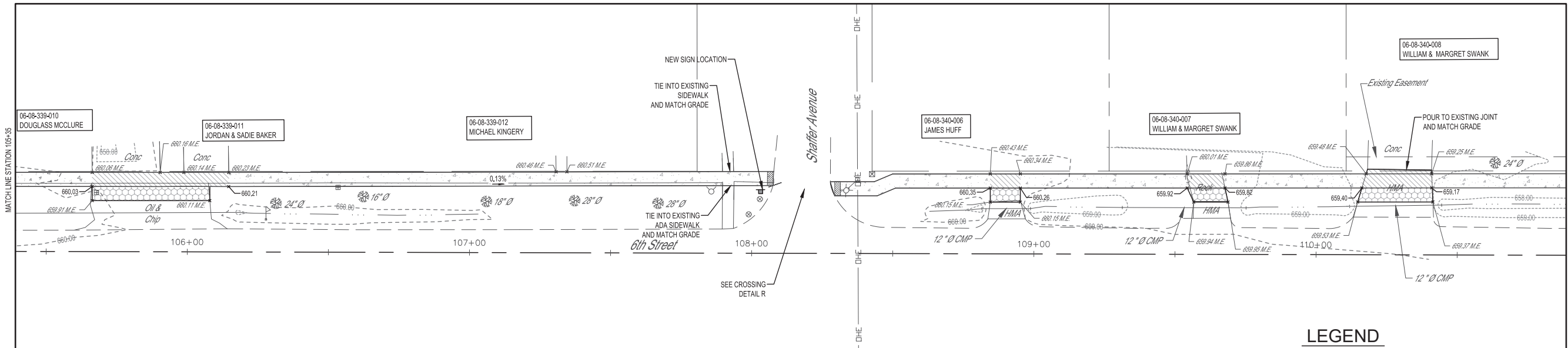


**LEGEND**

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISION ISSUED	DATE	BY	DESCRIPTION
1	06/07/2024	JCS	ISSUE FOR PERMITS
2	06/07/2024	MJH	ISSUE FOR PERMITS
3	12/14/2023	JCS	ISSUE FOR PERMITS
4	07/09/2024	JCS	ISSUE FOR PERMITS
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# REPLACEMENT PLAN



**LEGEND**

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
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 Email: mgenr@milengr.com  
 Web: www.milengr.com  
 Design Firm # 184-003108

REMOVAL AND REPLACEMENT PLAN  
 STATION 105+35-110+88

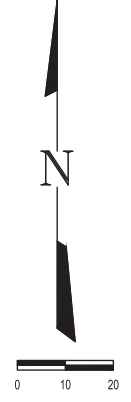
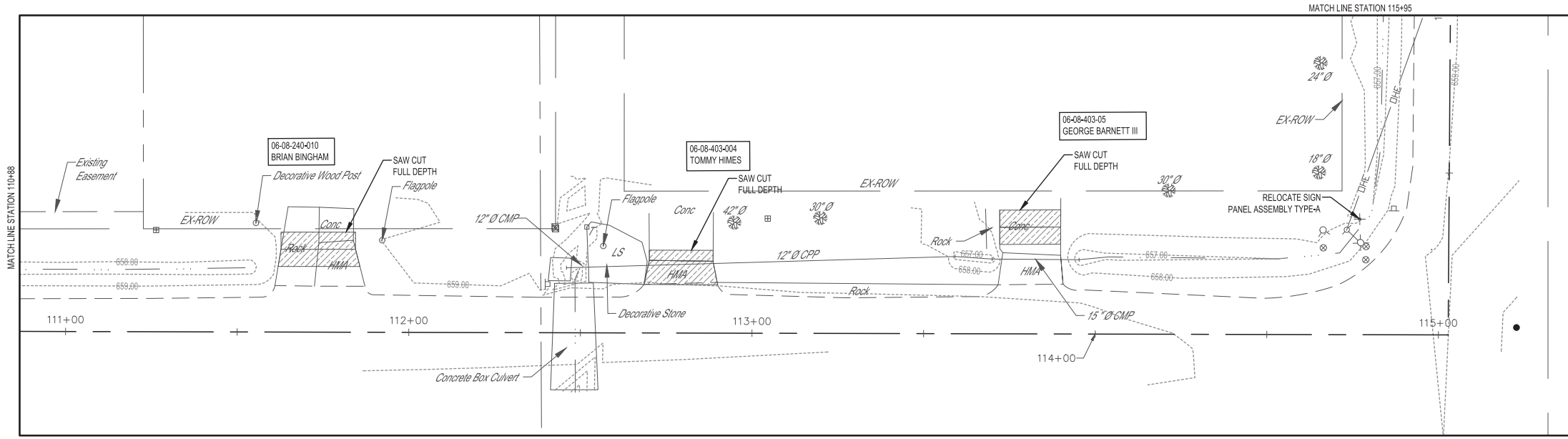
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 21-00008-01-SW  
 NEOGA, ILLINOIS

SHEET #  
 25 OF 34

JOB #  
 19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	26
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FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

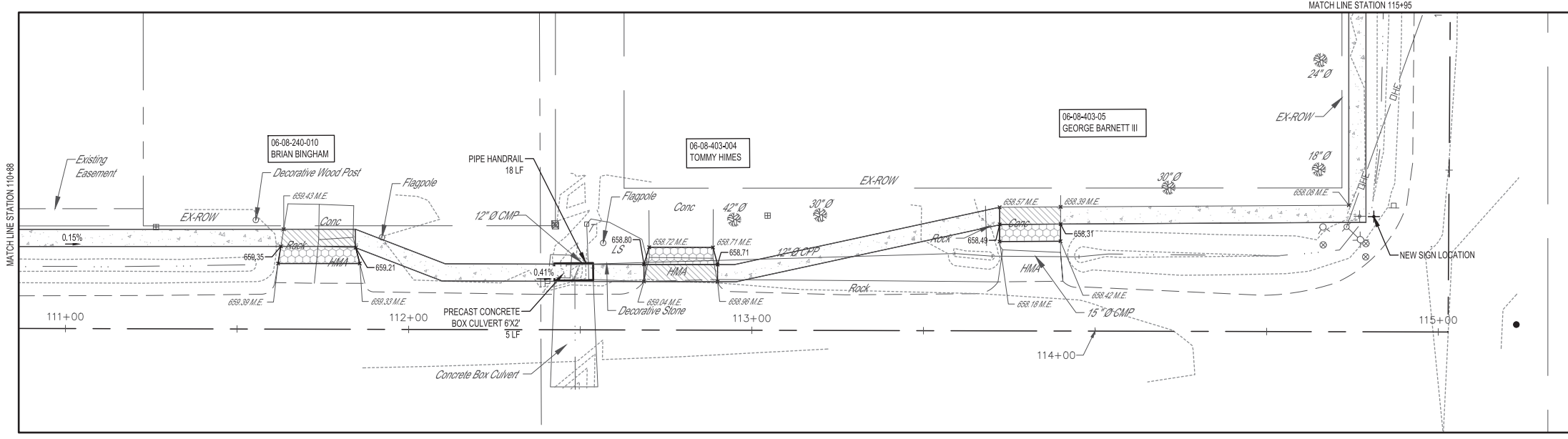
# REMOVAL PLAN



**LEGEND**

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



**LEGEND**

	DETECTABLE WARNING
	PC CONC SIDEWALK 4
	PC CONC SIDEWALK 6
	PCC DRIVEWAY PAVT 6

REVISION ISSUED	DATE	BY	DESCRIPTION
	08/07/2024	JCS	DESIGN REVISIONS FOR PERMITS
	08/07/2024	JCS	DESIGN REVISIONS FOR PERMITS
	12/14/2023	JCS	100% PRELIMINARY REVIEW PERIOD
	07/09/2024	JCS	FINAL PLANS

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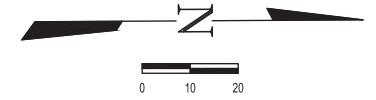
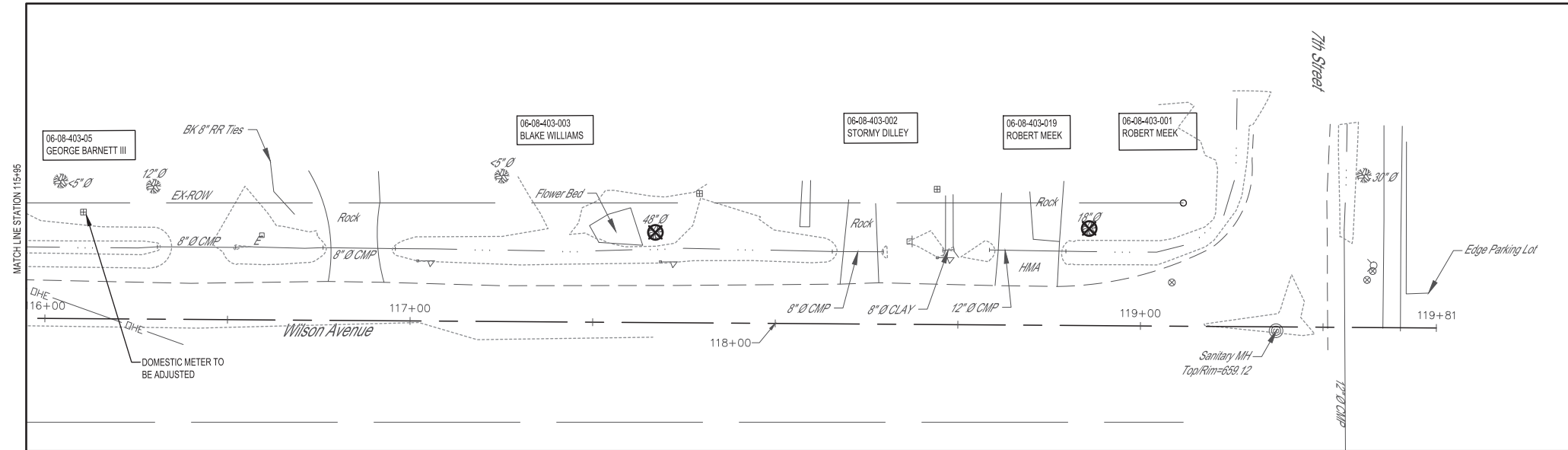
**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgen@mgengineers.com  
 Web: www.mgengineers.com  
 Design Firm # 184-003108



REMOVAL AND REPLACEMENT PLAN	STATION 110+88-115+95
ITEP	21-00008-01-SW
	NEOGA, ILLINOIS
SHEET #	26 OF 34
JOB #	19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	27
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

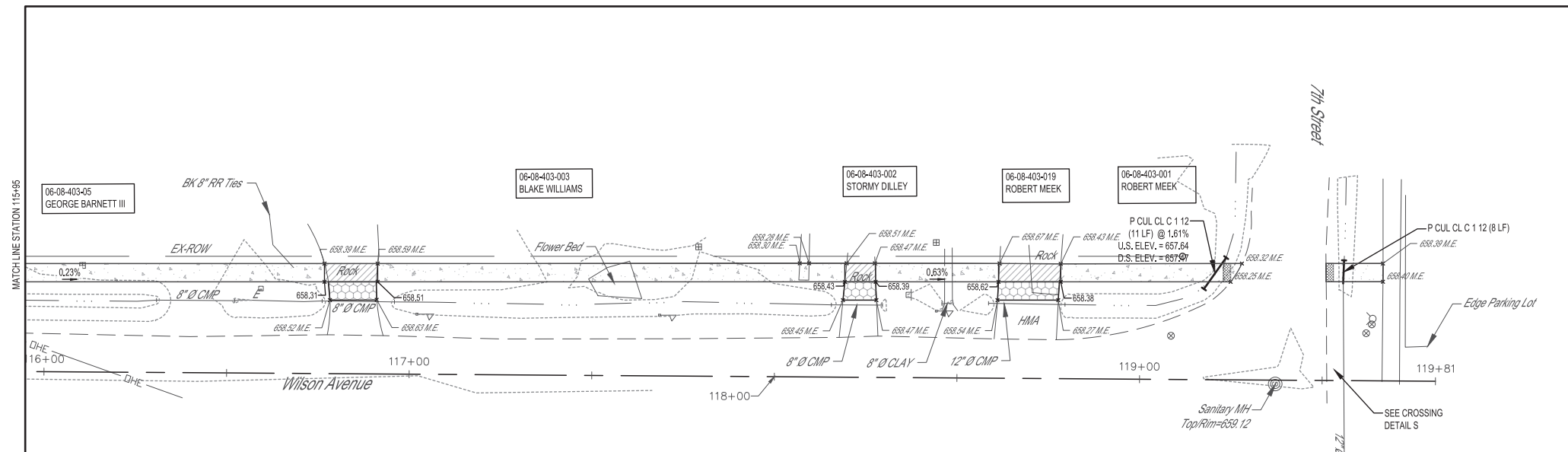
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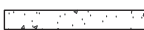

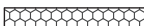
## LEGEND

-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL

# REPLACEMENT PLAN



## LEGEND

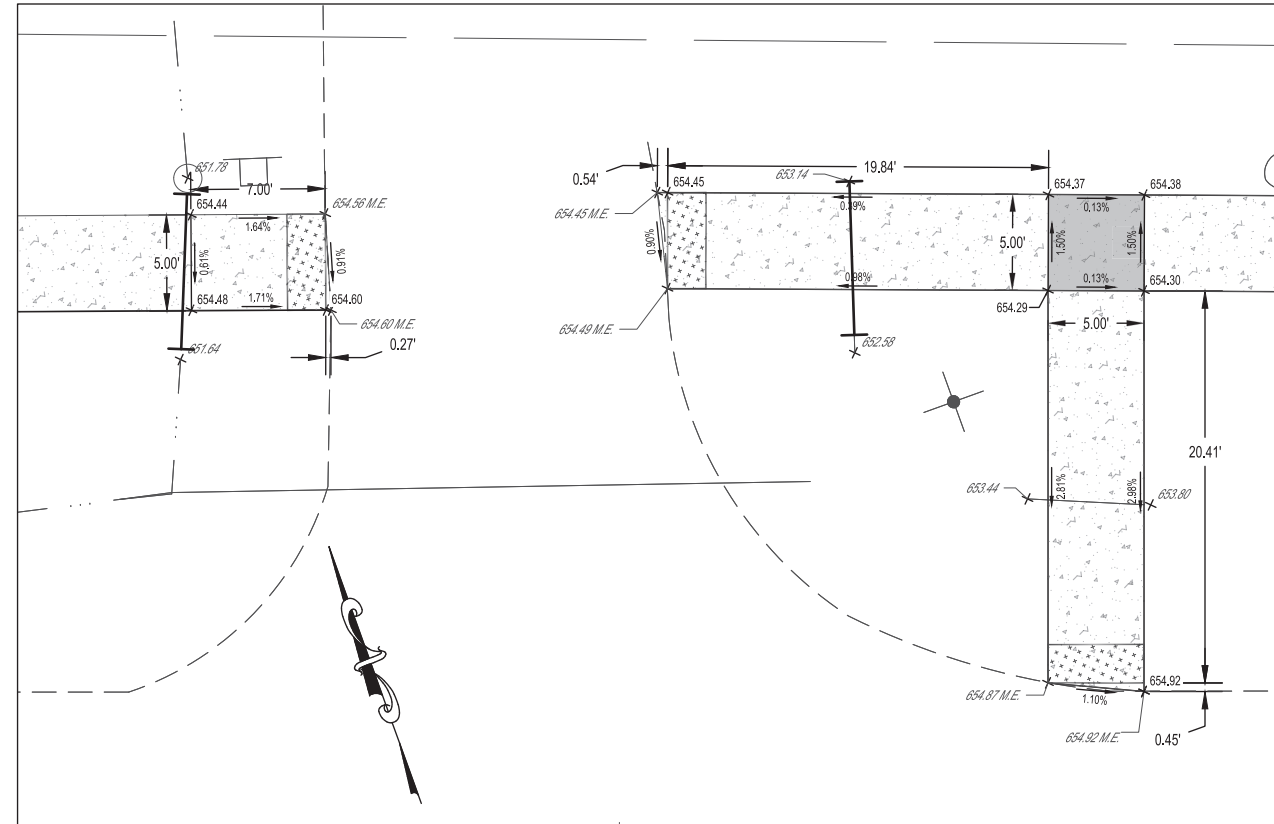
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-  PC CONC SIDEWALK 4
-  PC CONC SIDEWALK 6
-  PCC DRIVEWAY PAVT 6

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DESIGNED	06/07/2024	JCS	FIELD BOOK
DRAWN	06/07/2024	MJH	DRAWN BY
CHECKED	06/07/2024	S:20191845DMS/DEB/MAL/CJWS	CHECKED BY
FILED	06/07/2024		FILE LOCATION
			SAVE DATE
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<p><b>MILANO &amp; GRUNLOH ENGINEERS, LLC</b>          114 W. WASHINGTON AVE.   PO BOX 897          EFFINGHAM, IL 62401          Phone: (217) 347-7262   (800) 677-2714          Email: mgenr@engr.com   www.mgenr.com          Design Firm # 184-003108</p>			
<p>REMOVAL AND REPLACEMENT PLAN          STATION 115+95-119+00</p>			
<p>ITEP          21-00008-01-SW          NEOGA, ILLINOIS</p>			
<p>SHEET #          27 OF 34</p>			
<p>JOB #          19245</p>			



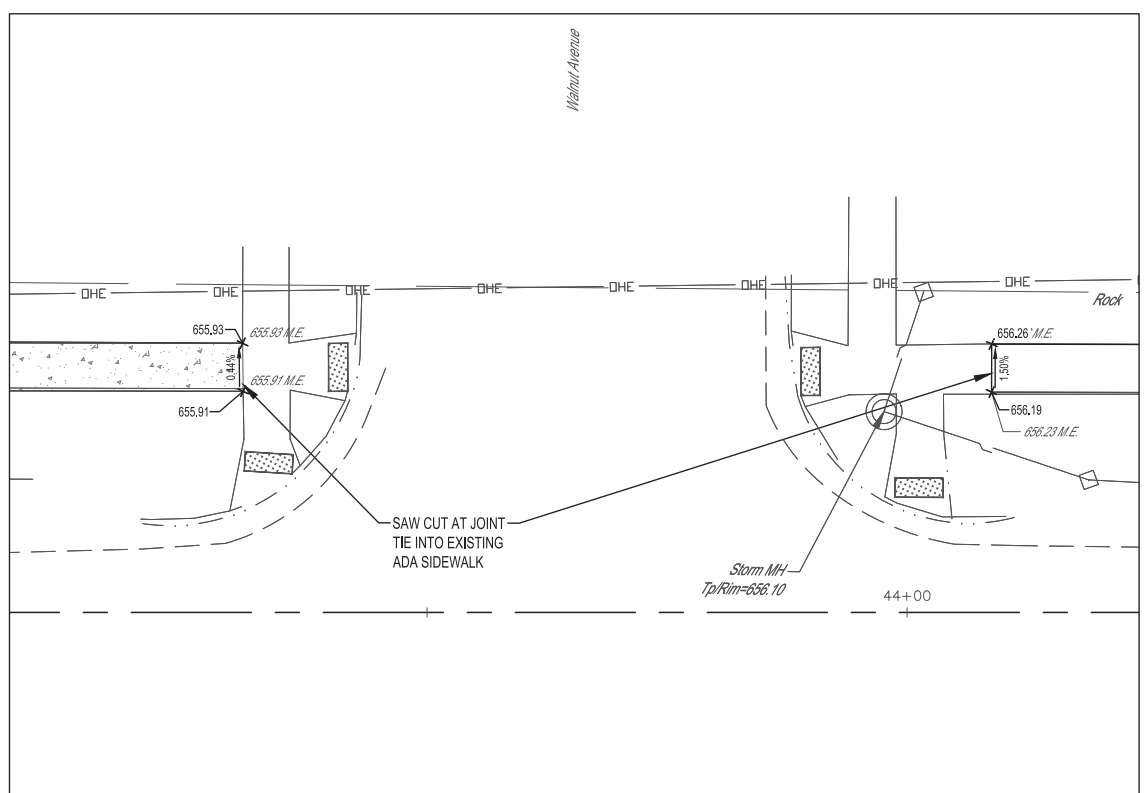
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S.B.I.	21-0008	CUMBERLAND	34	29
F.A.	01-SW			
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #6547		

REVISION ISSUED	DATE	BY
DESIGN	10/17/2023	JCS
PERMIT	12/14/2023	JCS
CONSTRUCTION	01/09/2024	JCS



**DETAIL E**

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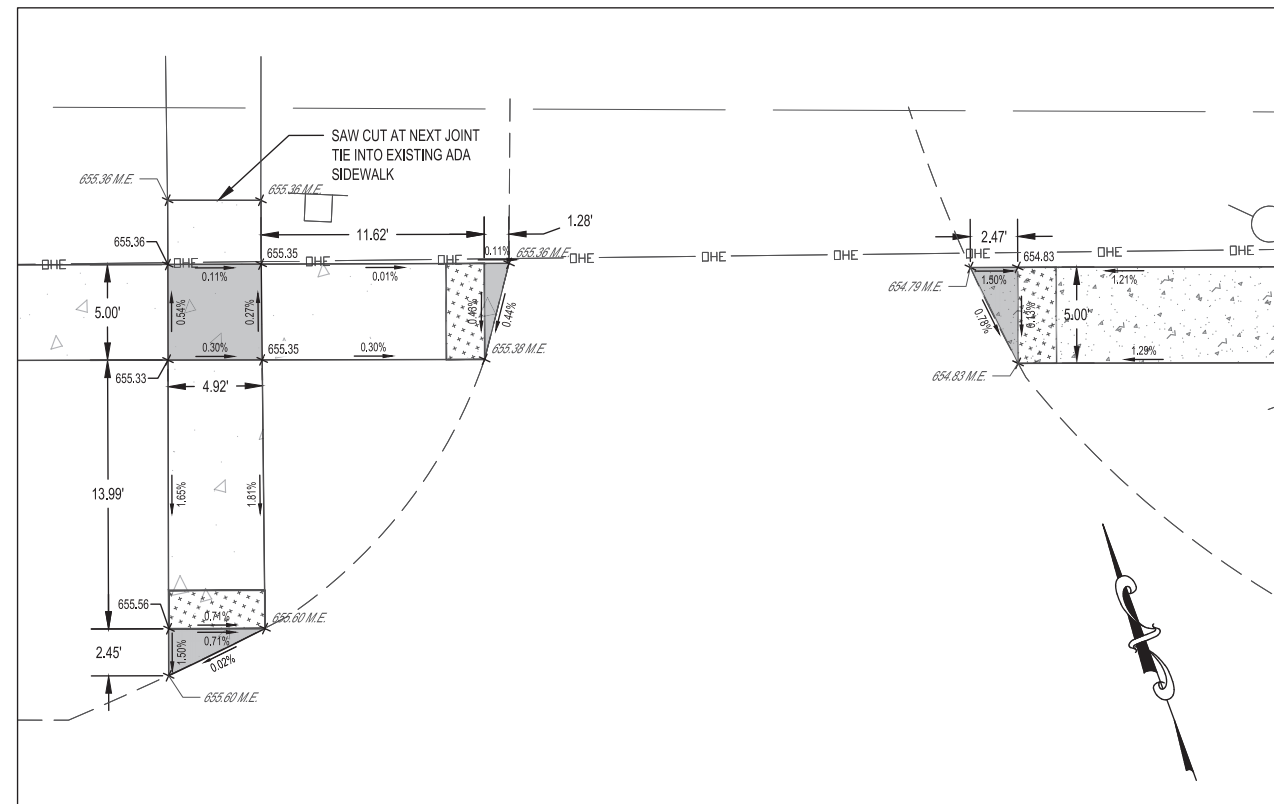


**DETAIL G**

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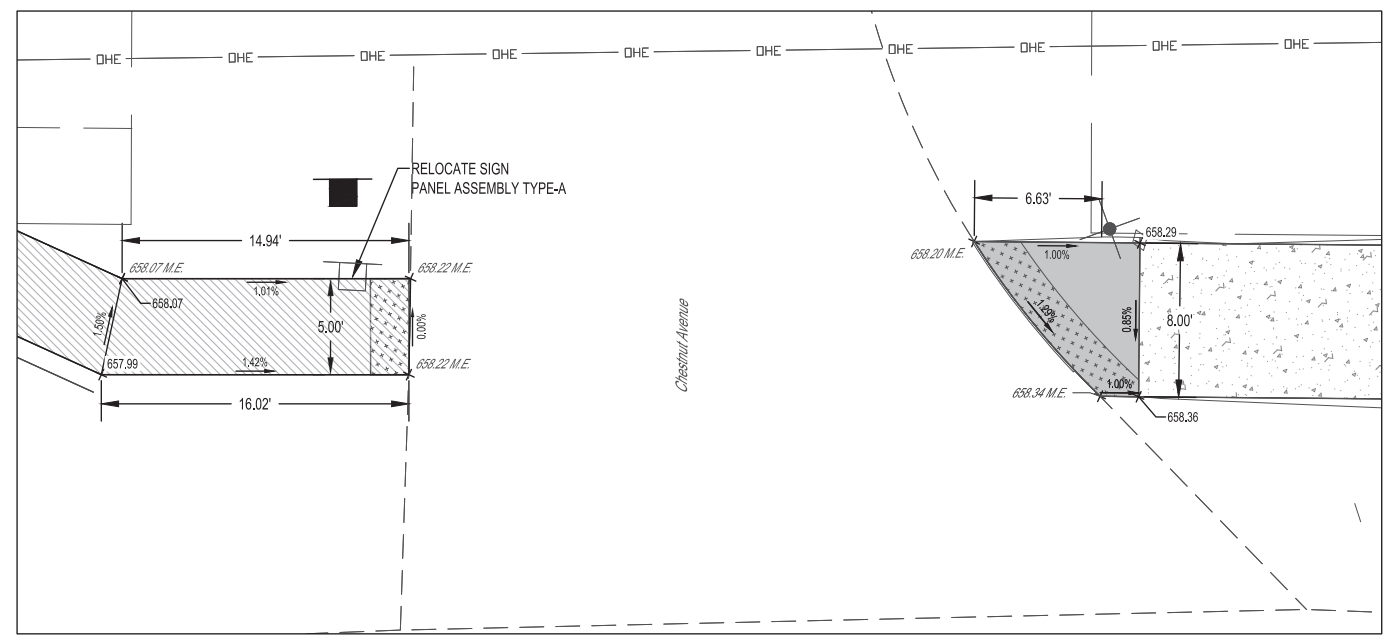
**LEGEND**

- LANDING/TURNING SPACE
- TRANSITIONAL SEGMENT
- DETECTABLE WARNING



**DETAIL F**

0 2.5 5



**DETAIL H**

0 2.5 5

FIELD BOOK	786
DRAWN BY	JCS
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FILE LOCATION	S:\2018\ISSUING\CROSSING_DETAILS_SHEETS\JWG
SAVE DATE	2/22/2024 11:05

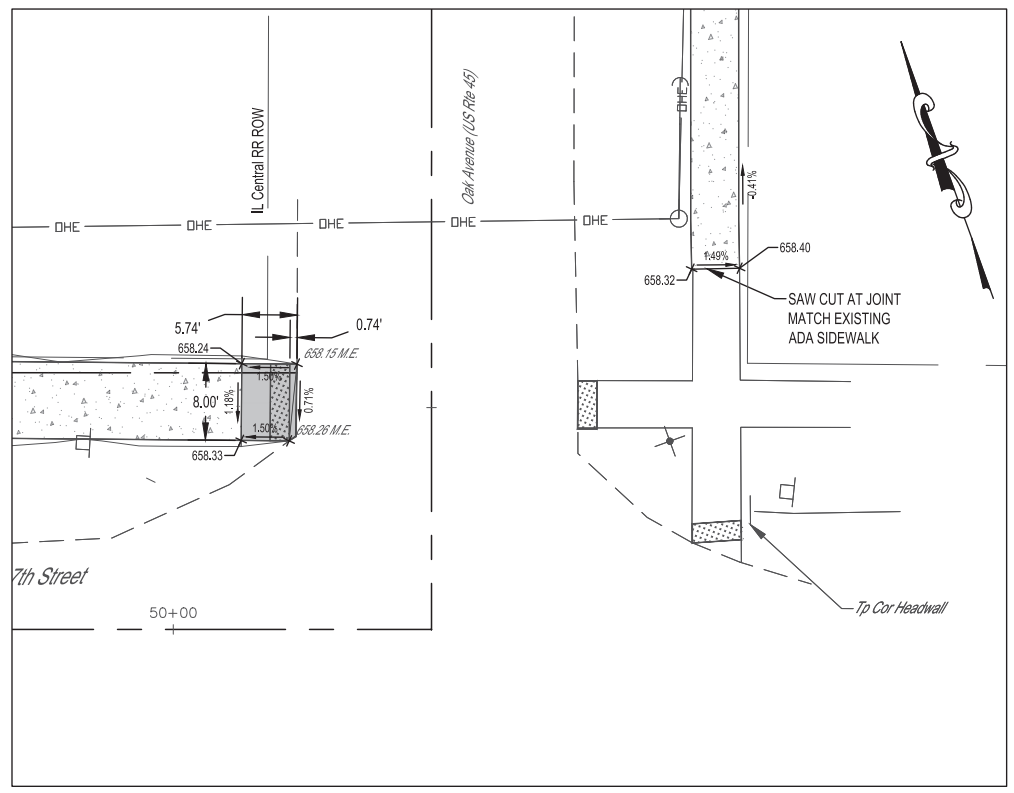
**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgen@mgengineers.com  
 Web: www.mgenengineers.com  
 Design Firm # 184-003108

DETAILS SHEET	ITP
	21-0008-01-SW
	NEOGA, ILLINOIS

SHEET #  
29 OF 34

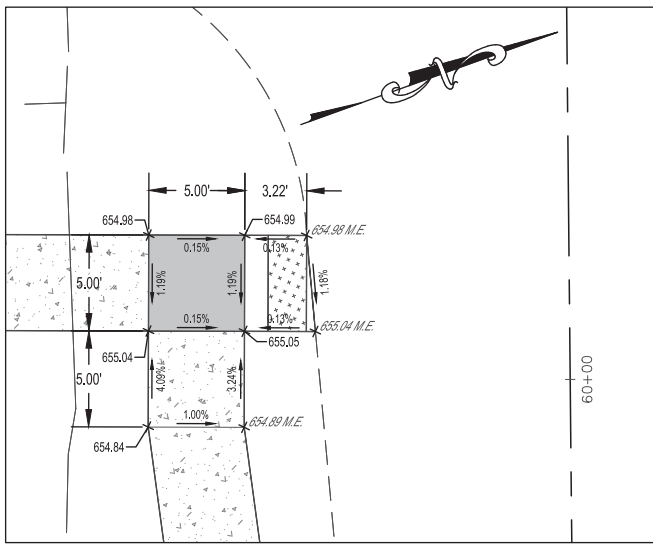
JOB #  
19245

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008-01-SW	CUMBERLAND	34	30
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

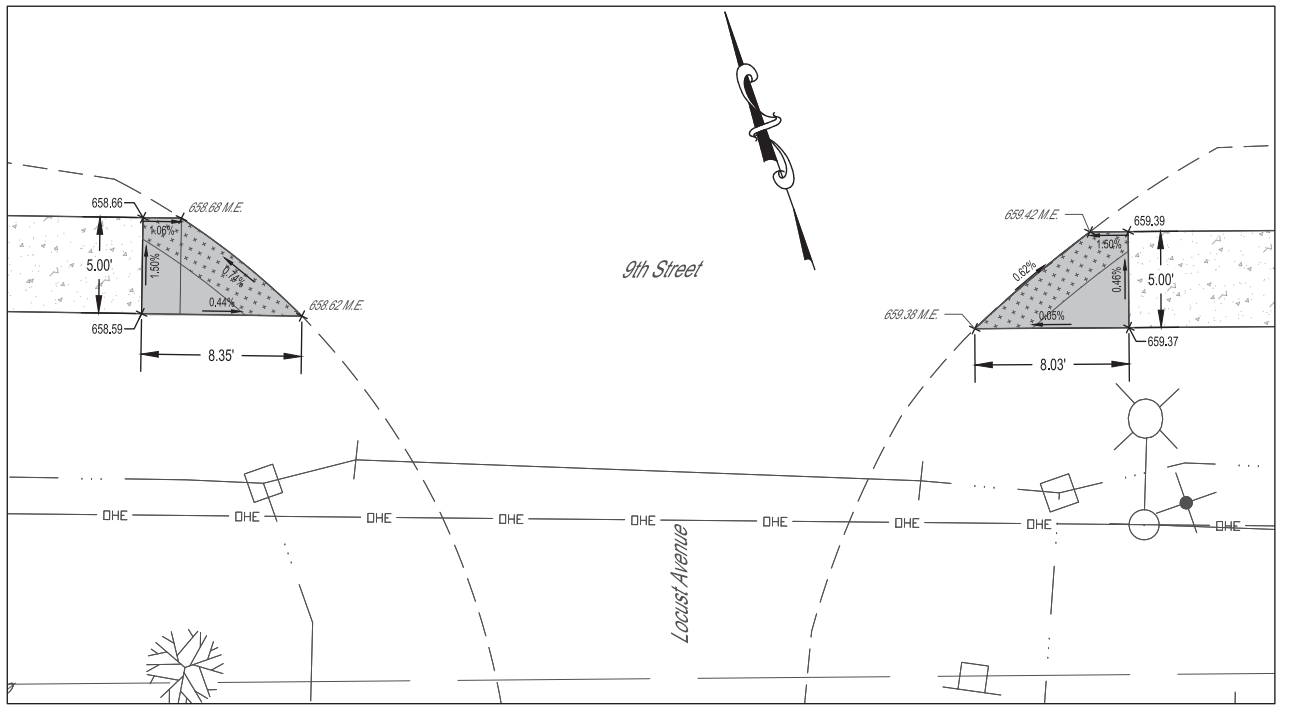


**DETAIL I**

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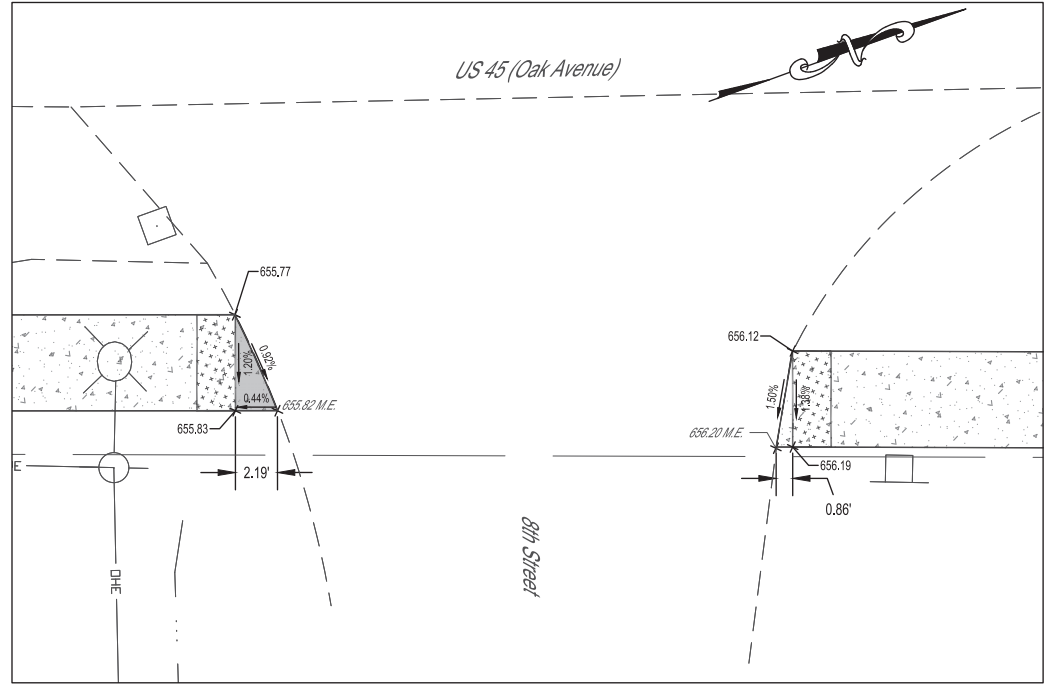


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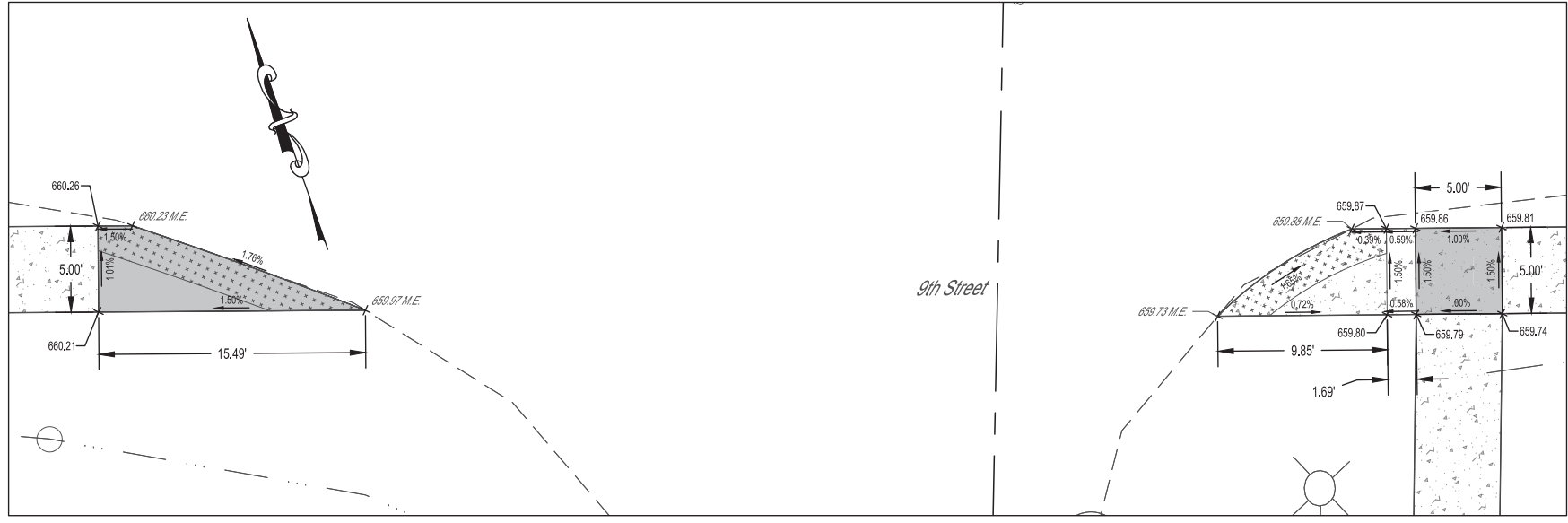
**DETAIL L**

0 2.5 5



**DETAIL J**




0 2.5 5



**DETAIL M**

0 2.5 5

**LEGEND**

-  LANDING/TURNING SPACE
-  TRANSITIONAL SEGMENT
-  DETECTABLE WARNING

REVISION ISSUED	DATE	BY	DESCRIPTION
	08/07/2023	JCS	DESIGN REVISIONS
	12/14/2023	JCS	100% PRELIMINARY REVIEW PERIOD
	01/09/2024	JCS	FINAL PLANS

FIELD BOOK	786
DRAWN BY	JCS
CHECKED BY	MJH
FILE LOCATION	S:\2019\DESIGN\CROSSING_DETAILS\SHEETS\JWG
SAVE DATE	2/22/2024 11:05

**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
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 Web: www.mgenr.com  
 Design Firm # 184-003108

DETAILS SHEET	ITP
	21-00008-01-SW
	NEOGA, ILLINOIS

SHEET #	30 OF 34
JOB #	19245



REVISION	DATE	BY	CHKD.
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2	12/14/2023	JCS	JCS
3	01/09/2024	JCS	JCS

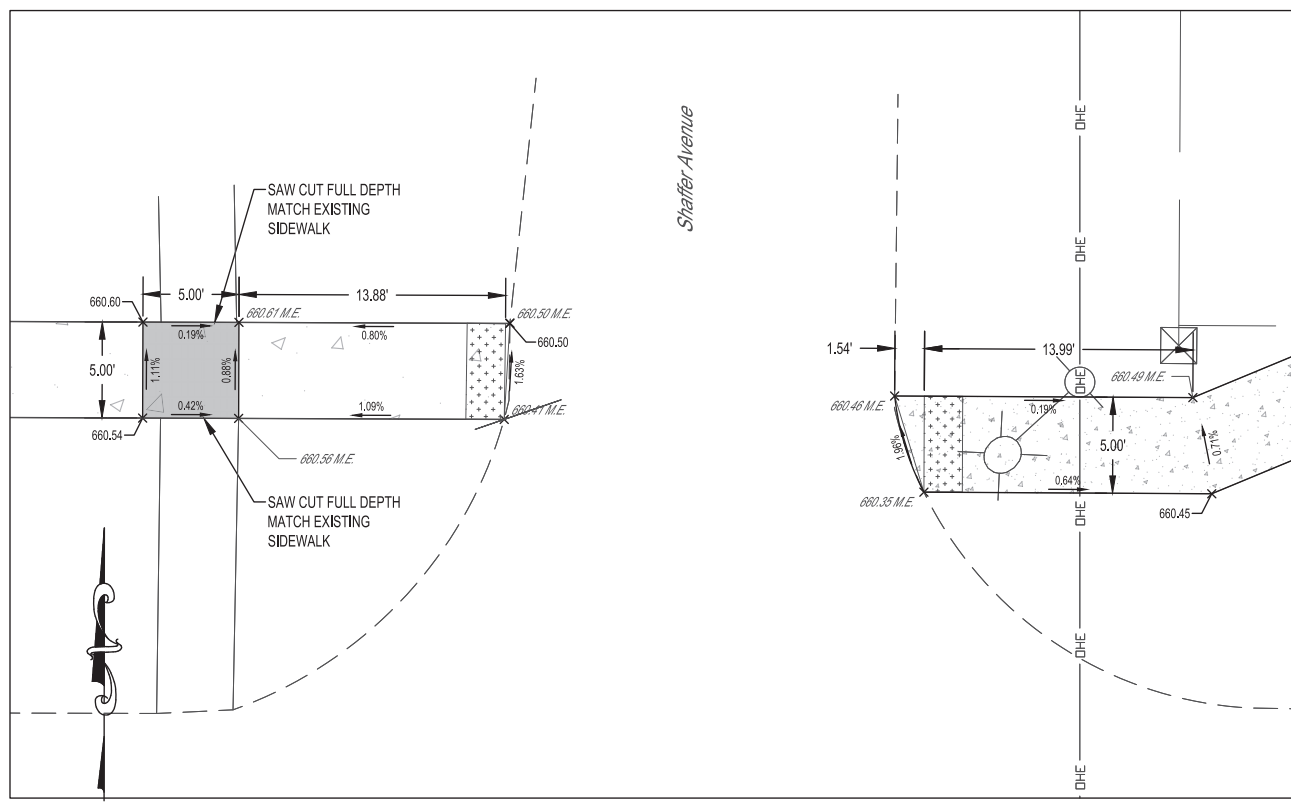
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PROJECT	21-00008-01-SW
DATE	12/14/2023
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FIELD BOOK	786
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SAVE DATE	2/22/2024 11:05

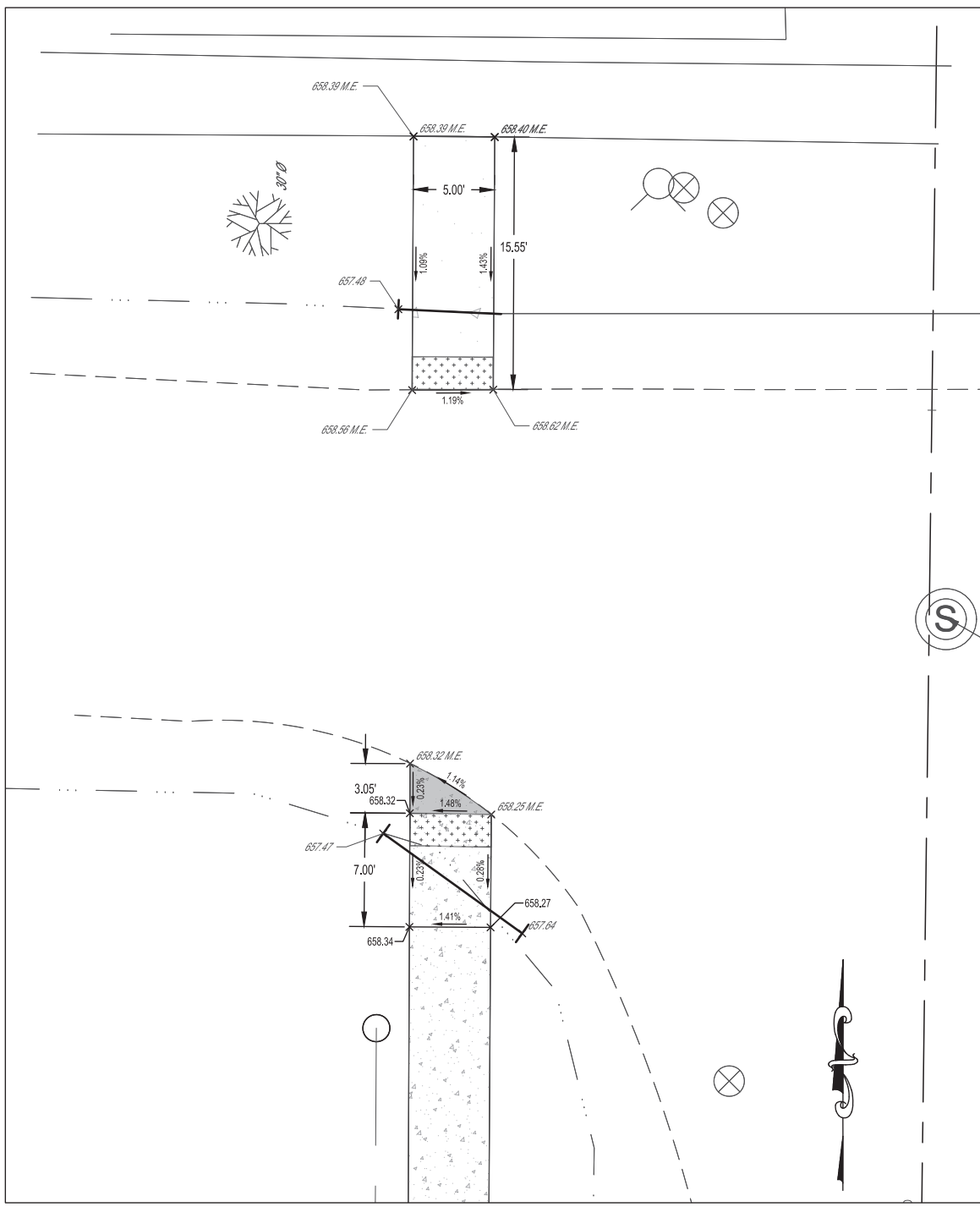
**MILANO & GRUNLOH ENGINEERS, LLC**  
 114 W. WASHINGTON AVE. | PO BOX 897  
 EFFINGHAM, IL 62401  
 Phone: (217) 347-7262 | (800) 677-2714  
 Email: mgenr@milanoengineers.com  
 Web: www.milanoengineers.com  
 Design Firm # 184-003108



DETAILS SHEET	ITEP
	21-00008-01-SW
	NEOGA, ILLINOIS



**DETAIL R**



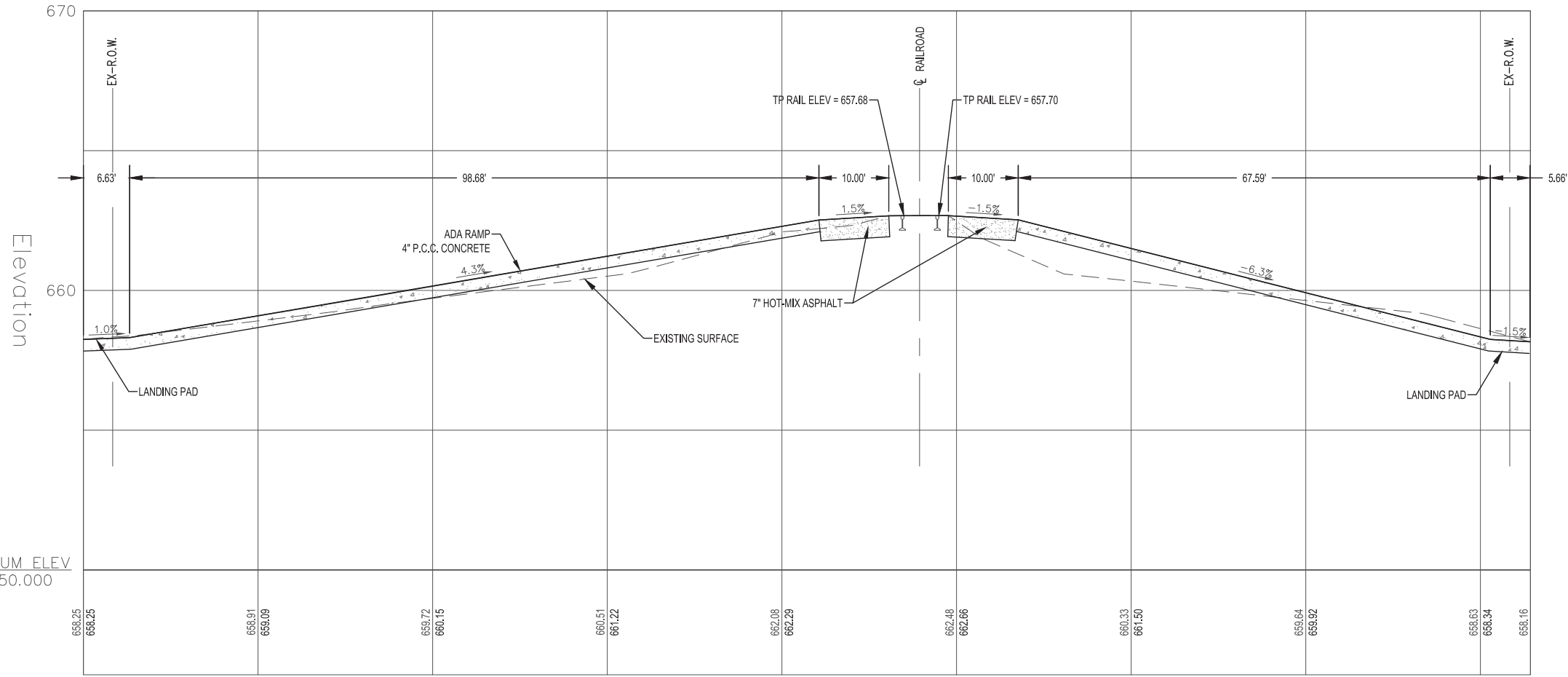
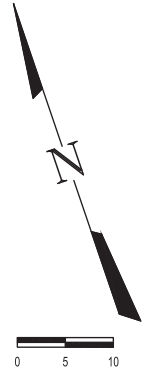
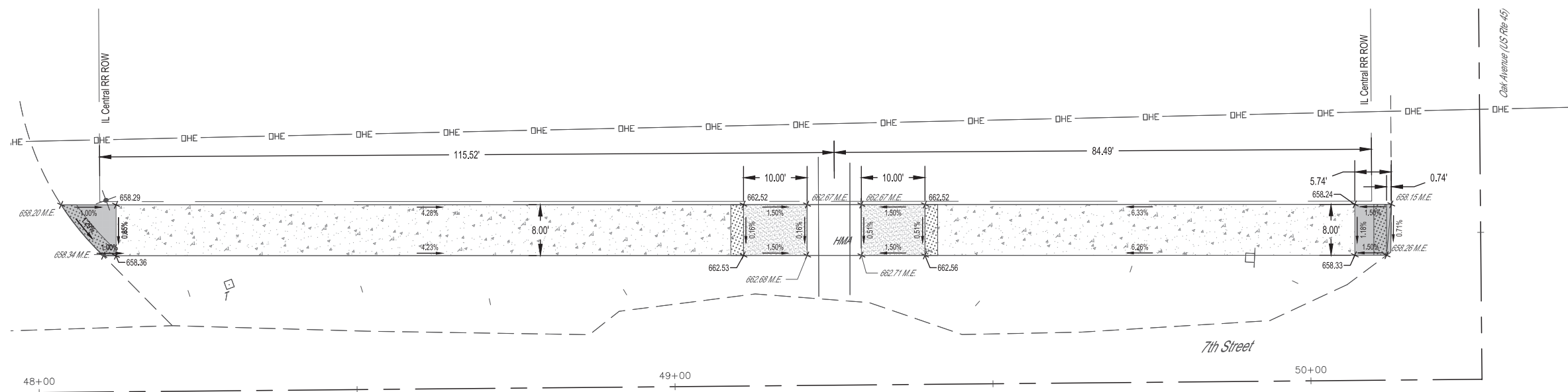
**DETAIL S**





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	21-00008 01-SW	CUMBERLAND	34	33
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT #95947		

REVISION	DATE	BY	DESCRIPTION
1	08/07/2024	JCS	ISSUE FOR PERMITS
2	12/14/2023	JCS	ISSUE FOR PERMITS
3	07/09/2024	JCS	ISSUE FOR PERMITS
4	07/09/2024	JCS	ISSUE FOR PERMITS
5	07/09/2024	JCS	ISSUE FOR PERMITS
6	07/09/2024	JCS	ISSUE FOR PERMITS
7	07/09/2024	JCS	ISSUE FOR PERMITS
8	07/09/2024	JCS	ISSUE FOR PERMITS
9	07/09/2024	JCS	ISSUE FOR PERMITS
10	07/09/2024	JCS	ISSUE FOR PERMITS



**LEGEND**

	LANDING/TURNING SPACE
	DETECTABLE WARNING
	PCC CONC SIDEWALK 4"
	HMA SC IL-9.5FG N50
	DETECTABLE WARNING

FIELD BOOK	786
DRAWN BY	JCS
CHECKED BY	MJH
FILE LOCATION	S:\2018\ISSUING\CROSSING_DETAILS\SHEETS\SVG
SAVE DATE	2/22/2024 11:05
<b>MILANO &amp; GRUNLOH ENGINEERS, LLC</b> 114 W. WASHINGTON AVE.   PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262   (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108	
CROSSING PLAN AND PROFILE	ITP
	21-00008-01-SW
	NEOGA, ILLINOIS
SHEET #	33 OF 34
JOB #	19245

