

P.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	15-00115-00-BT	COOK	57	1
ILLINOIS		CONTRACT NO. 61E78		

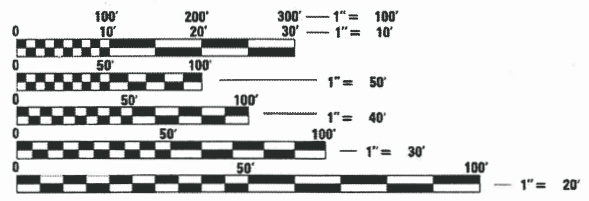
FOR INDEX OF SHEETS SEE SHEET 2  
 08-03-2018 LETTING ITEM 058  
 FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

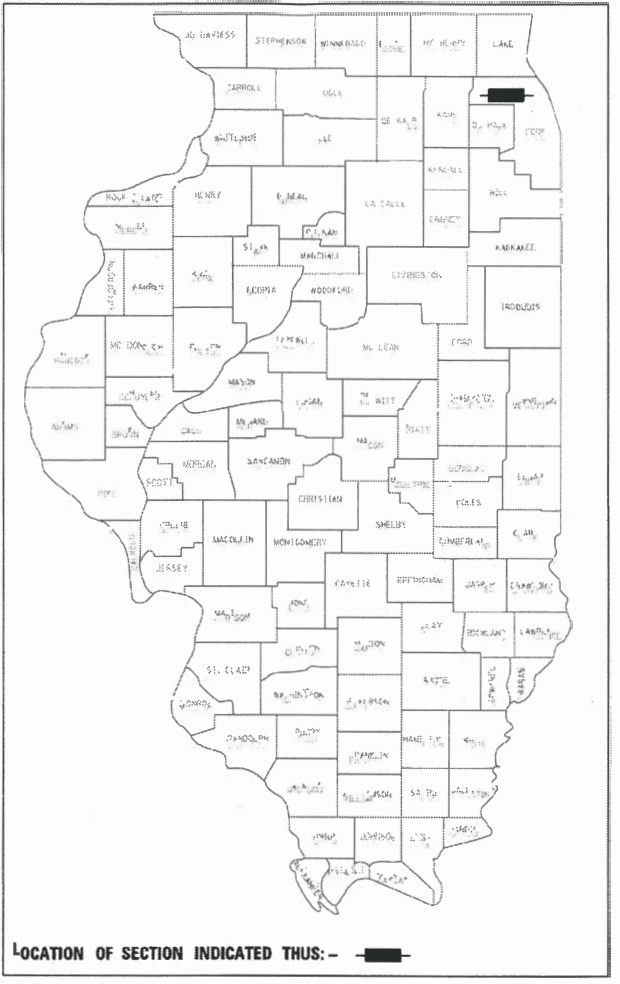
**PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY**

FAU 1292 (EUCLID AVENUE)  
 ROHLWING ROAD TO SALT CREEK  
 MULTI-USE PATH  
 SECTION 15-00115-00-BT  
 PROJECT V26N(417)  
 CITY OF ROLLING MEADOWS  
 COOK COUNTY  
 C-91-269-15

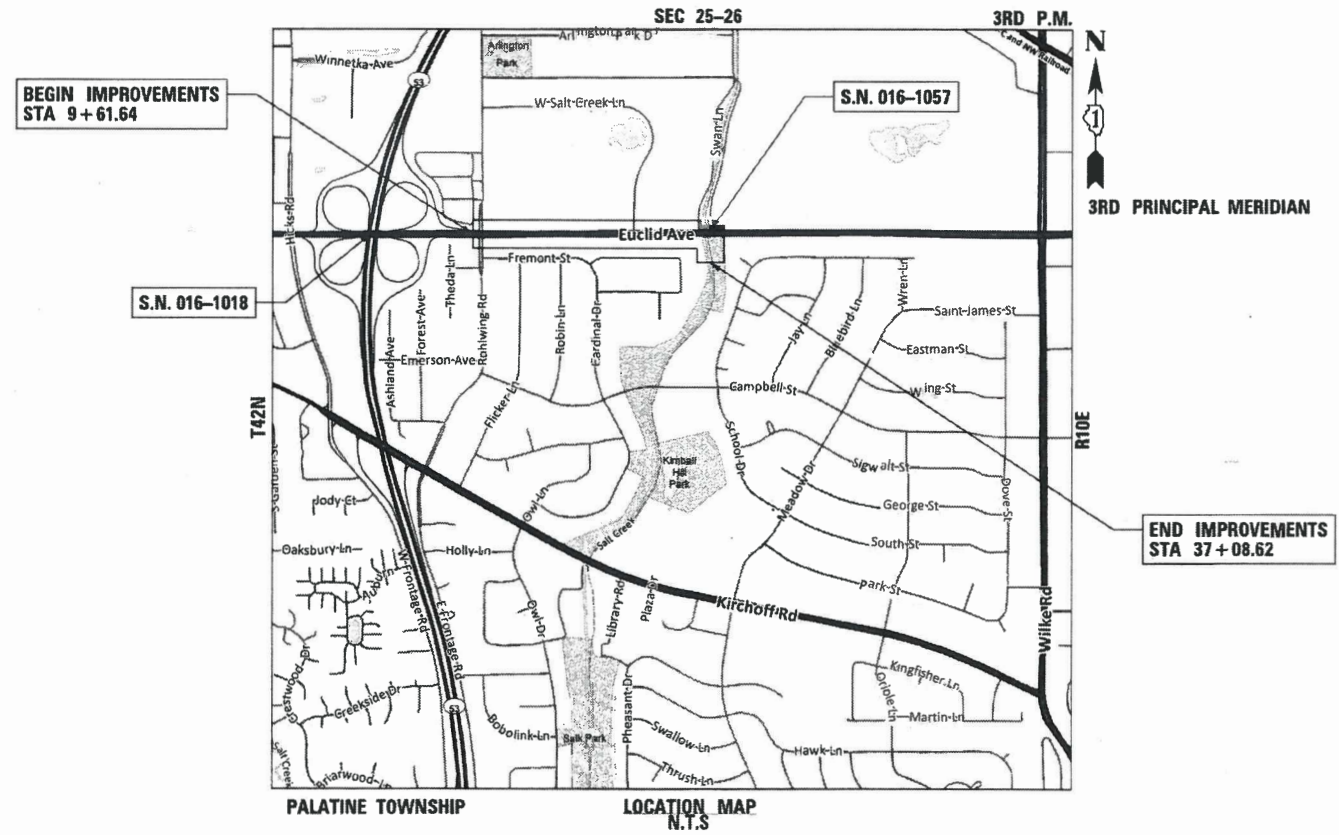
**TRAFFIC DATA**  
 EUCLID AVENUE  
 DESIGN DESTINATION: OTHER MINOR ARTERIAL  
 POSTED SPEED = 40 MPH  
 TRAFFIC = 23,200 ADT (2014)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. SCHAUMBURG, IL



J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

CONTRACT NO. 61E78

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175  
 EXPIRATION DATE: 04/30/19

GROSS LENGTH = 2,747 FT = 0.52 MILES  
 NET LENGTH = 2,747 FT = 0.52 MILES



March 8, 2018  
 [Signature]  
 STEPHEN N. SUGG  
 ILLINOIS REGISTRATION NO. 062-044117  
 EXPIRATION DATE: 11/30/19

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
Approved	March 13, 2018 [Signature]
CITY OF ROLLING MEADOWS, DIRECTOR OF PUBLIC WORKS	
Passed	MARCH 22, 2018, 2018 [Signature] District 1 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	March 22, 2018 [Signature] Regional Engineer

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 OF THE STATE OF ILLINOIS



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	CHRD	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0028 BIKE PATH	0028 TRAFFIC SIGNALS
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	54	54	
Δ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	131	131	
20101000	TEMPORARY FENCE	FOOT	150	150	
20101100	TREE TRUNK PROTECTION	EACH	40	40	
Δ 20101200	TREE ROOT PRUNING	EACH	40	40	
Δ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15	15	
Δ 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	25	
20200100	EARTH EXCAVATION	CU YD	1646	1646	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4800	4800	
Δ 25000210	SEEDING, CLASS 2A	ACRE	1	1	
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90	
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90	
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	4800	4800	
28000400	PERIMETER EROSION BARRIER	FOOT	2900	2900	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
28000510	INLET FILTERS	EACH	16	16	
28100107	STONE RIPRAP, CLASS A4	SQ YD	8	8	
28200200	FILTER FABRIC	SQ YD	8	8	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	175	175	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	180	180	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2400	2400	
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	107	107	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1505	1505	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	23	23	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	23	23	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	475	475	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	150	150	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1600	1600	

Δ INDICATES SPECIALTY ITEM

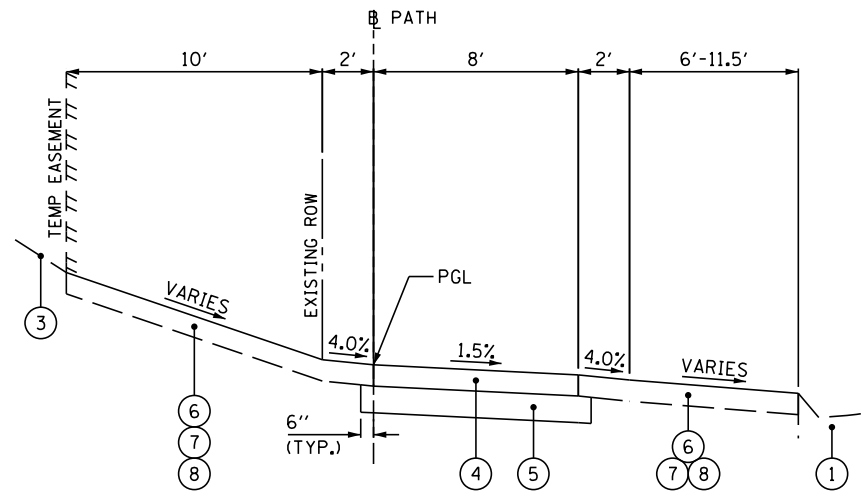
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0028 BIKE PATH	0028 TRAFFIC SIGNALS
42400800	DETECTABLE WARNINGS	SQ FT	220	220	
44000100	PAVEMENT REMOVAL	SQ YD	75	75	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	67	67	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	1200	1200	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	232	232	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	147	147	
44000600	SIDEWALK REMOVAL	SQ FT	207	207	
44003100	MEDIAN REMOVAL	SQ FT	393	393	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	15	15	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	
60600605	CONCRETE CURB, TYPE B	FOOT	170	170	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	575	575	
Δ 64100115	SIGHT SCREEN (WOODEN FENCE), TYPE P 6'	FOOT	325	325	
67100100	MOBILIZATION	LSUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	9	9	
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2	
Δ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2	
Δ 72900100	METAL POST - TYPE A	FOOT	41	41	
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	90	90	
Δ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	600	600	
Δ 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	40	40	
Δ 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	816	816	
Δ 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	148	148	
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	145		145

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES EUCLID AVENUE MULTI-USE PATH</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
\\CBBELSRV1\cbbeldft\ROLLINGHEAD005\0361.BR\BR100\98361BR187A\Civil\500.98361BR187A.dwg	DRANNI,sh	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	1292	15-00115-00-BT	COOK	57	3
Default	PLOT SCALE = 60'	DATE -	REVISED -		CONTRACT NO. 61E78										
	PLOT DATE = 5/31/2018				ILLINOIS FED. AID PROJECT										

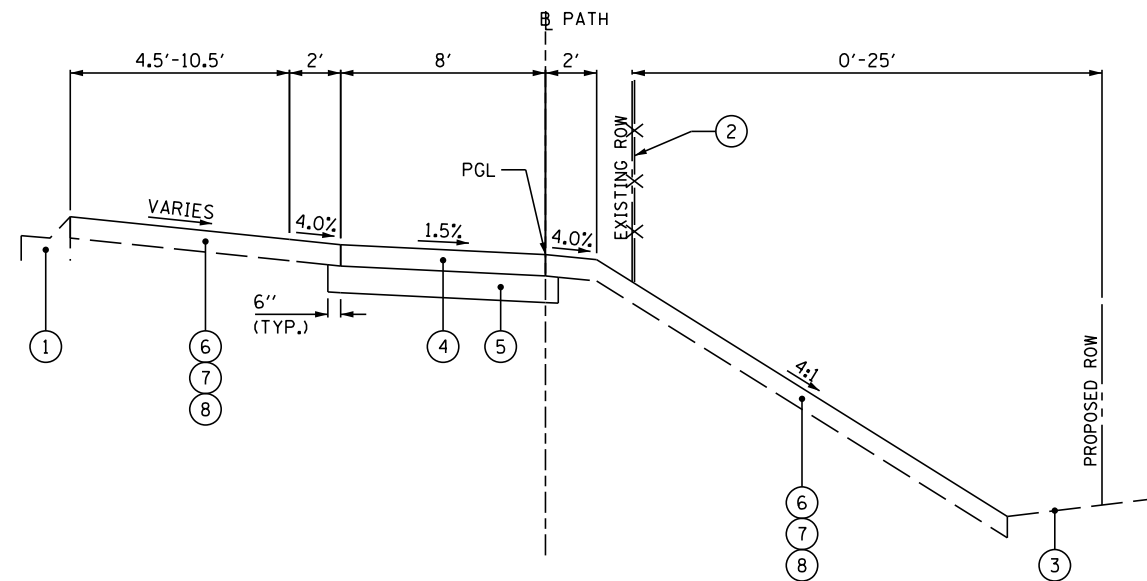


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	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
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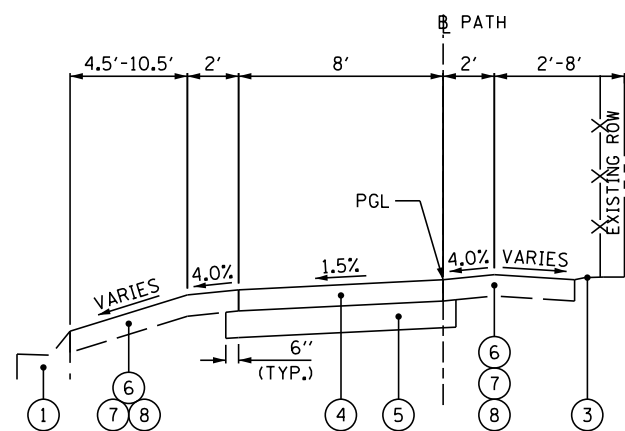
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	PLOTTED	BY
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	STRUCTURE NOTATIONS CHECKED	
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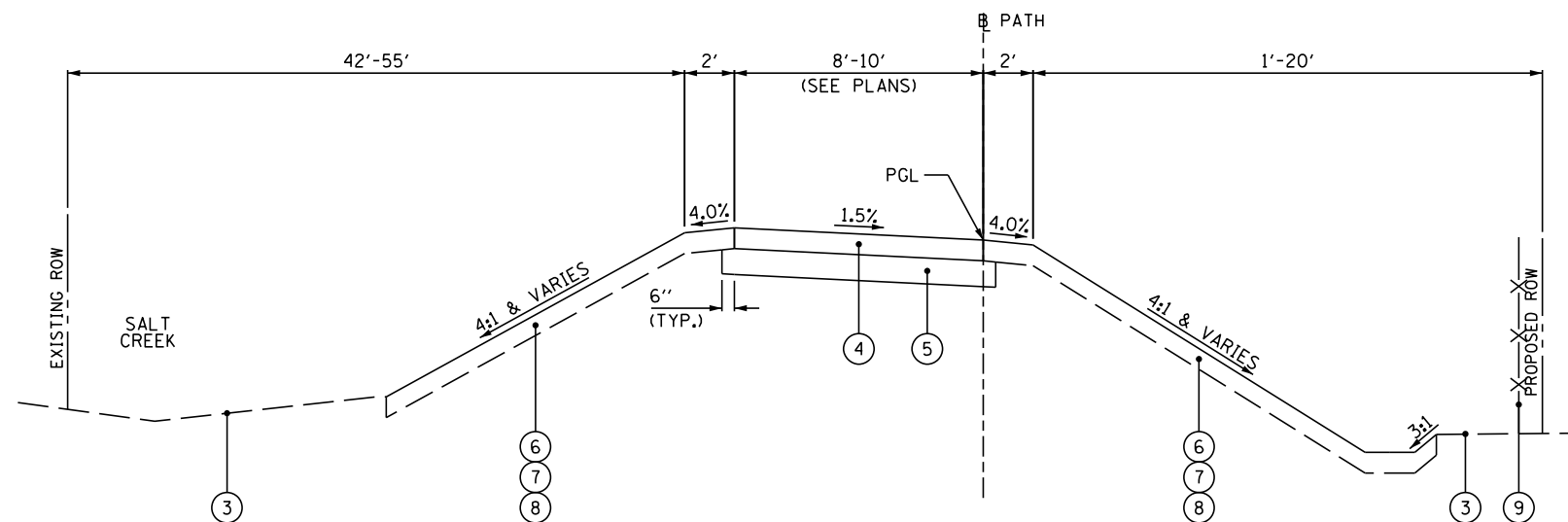
PROPOSED TYPICAL SECTION  
STA 10+80 TO STA 25+68, EUCLID AVE



PROPOSED TYPICAL SECTION  
STA 30+00 TO STA 32+20, EUCLID AVE

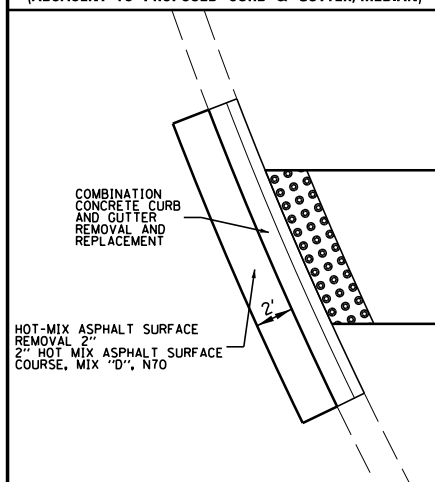


PROPOSED TYPICAL SECTION  
STA 27+79 TO STA 30+00, EUCLID AVE



PROPOSED TYPICAL SECTION  
STA 32+20 TO STA 37+05, EUCLID AVE

HMA SURFACE REMOVAL & REPLACEMENT DETAIL:  
(ADJACENT TO PROPOSED CURB & GUTTER, MEDIAN)



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE BIKE PATH	AIR VOIDS @NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3-3/4" (2 LIFTS)	4% @ 50 GYR.
MIXTURE TYPE RESURFACING	AIR VOIDS @NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 GYR.
LEVELING BINDER (MM), N70 (IL-9.5mm), 3/4"	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "RECYCLED MATERIALS". SEE SPECIAL PROVISIONS.

LEGEND

- ① EXISTING CONCRETE CURB & GUTTER
- ② FENCE REMOVAL (Z0022800)
- ③ EXISTING GROUND
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3-3/4" (40603335)
- ⑤ AGGREGATE BASE COURSE, TYPE B 8" (35102000)
- ⑥ TOPSOIL FURNISH AND PLACE, 4" (21101615)
- ⑦ SEEDING, CLASS 2A (25000210)
- ⑧ EROSION CONTROL BLANKET (25100630)
- ⑨ SIGHT SCREEN (WOODEN FENCE), TYPE P 6' (64100115)

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	ALIGNMENT		
	PAID FILE NAME		

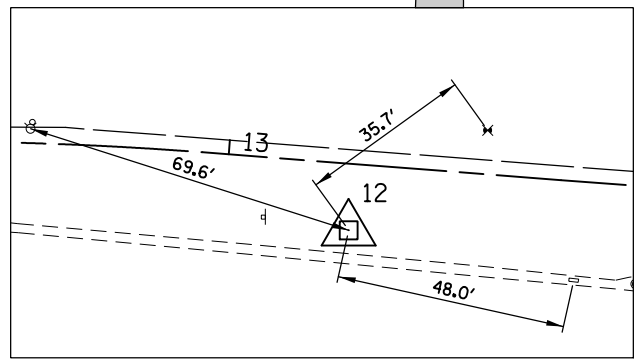
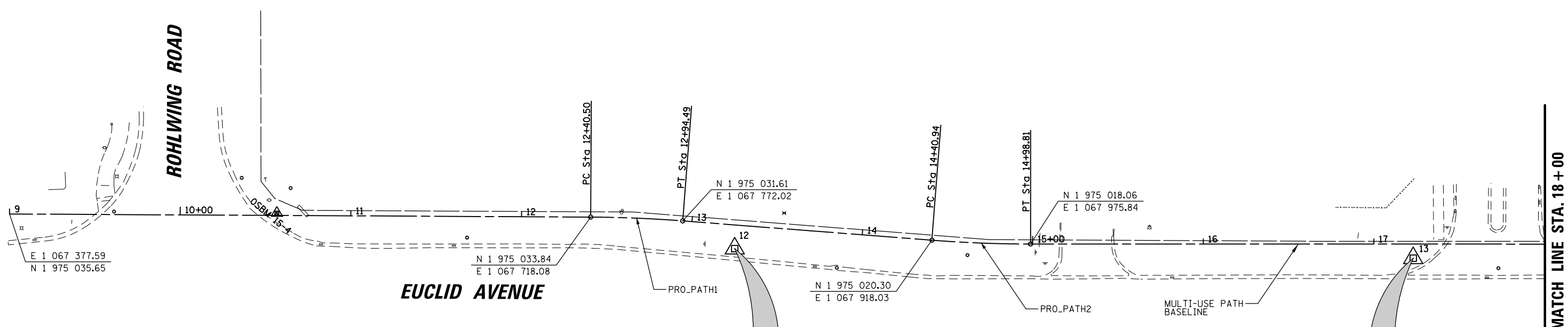
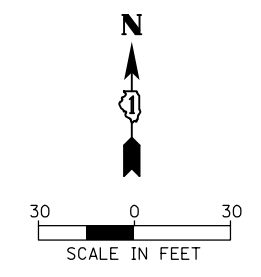
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		

	CUT (EXCLUSIVE OF T/S STRIPPING, PAV'T REMOVAL, C&G REMOVAL, DRIVEWAY REMOVAL) (SQ FT)	FILL (SQ FT)	CUT VOLUME (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	FILL (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)
10+50	0.0	0.0	0.0	0.0	0.0	0.0
11+00	21.6	0.0	20.0	17.0	0.0	17.0
11+50	20.9	0.0	39.4	33.4	0.0	33.4
12+00	21.1	0.0	38.9	33.1	0.0	33.1
12+50	26.7	0.0	44.3	37.6	0.0	37.6
13+00	30.3	0.0	52.8	44.9	0.0	44.9
13+50	38.1	0.0	63.3	53.8	0.0	53.8
14+00	48.5	0.0	80.2	68.2	0.0	68.2
14+50	48.5	0.0	89.8	76.3	0.0	76.3
15+00	41.3	0.0	83.1	70.7	0.0	70.7
15+50	18.2	0.0	55.1	46.8	0.0	46.8
16+00	35.5	0.0	49.7	42.3	0.0	42.3
16+50	37.9	0.0	68.0	57.8	0.0	57.8
17+00	31.2	0.0	64.0	54.4	0.0	54.4
17+40	0.0	0.0	23.1	19.6	0.0	19.6
18+00	0.0	0.0	0.0	0.0	0.0	0.0
18+50	48.3	0.0	44.7	38.0	0.0	38.0
19+00	46.2	0.0	87.5	74.4	0.0	74.4
19+50	47.6	0.0	86.9	73.8	0.0	73.8
20+00	43.4	0.0	84.3	71.6	0.0	71.6
20+50	18.9	0.0	57.7	49.0	0.0	49.0
21+00	21.0	0.0	36.9	31.4	0.0	31.4
21+50	11.1	0.0	29.7	25.3	0.0	25.3
22+00	8.9	0.0	18.5	15.7	0.0	15.7
22+50	9.6	0.0	17.1	14.6	0.0	14.6
23+00	8.8	0.0	17.0	14.5	0.0	14.5
23+50	9.4	0.0	16.9	14.3	0.0	14.3
24+00	10.1	0.0	18.1	15.3	0.0	15.3
24+50	9.0	0.0	17.7	15.0	0.0	15.0
25+00	10.9	0.0	18.4	15.7	0.0	15.7
25+50	16.4	0.0	25.3	21.5	0.0	21.5
25+90	0.0	0.0	12.1	10.3	0.0	10.3
27+50	19.3	0.0	0.0	0.0	0.0	0.0
28+00	19.3	0.0	35.7	30.4	0.0	30.4
28+50	14.1	0.0	30.9	26.3	0.0	26.3
29+00	10.0	0.0	22.3	19.0	0.0	19.0
29+50	9.3	0.0	17.9	15.2	0.0	15.2
30+00	5.5	0.3	13.7	11.6	0.3	11.4
30+50	9.7	0.3	14.1	12.0	0.6	11.4
31+00	8.8	1.7	17.1	14.6	1.9	12.7
31+50	6.9	2.1	14.5	12.4	3.5	8.8
32+00	5.4	4.5	11.4	9.7	6.1	3.6
32+50	2.1	21.0	6.9	5.9	23.6	-17.7
33+00	3.7	41.3	5.4	4.6	57.7	-53.1
33+50	8.0	48.2	10.8	9.2	82.9	-73.7
34+00	2.8	68.0	10.0	8.5	107.6	-99.1
34+50	7.8	24.0	9.8	8.3	85.2	-76.8
35+00	2.6	3.5	9.6	8.2	25.5	-17.3
35+50	3.5	0.8	5.6	4.8	4.0	0.8
36+00	8.3	0.0	10.9	9.3	0.7	8.5
36+50	10.7	0.0	17.6	15.0	0.0	15.0
37+00	10.7	0.0	19.8	16.8	0.0	16.8
<b>TOTALS</b>			<b>1,645</b>	<b>1,398</b>	<b>400</b>	<b>999</b>

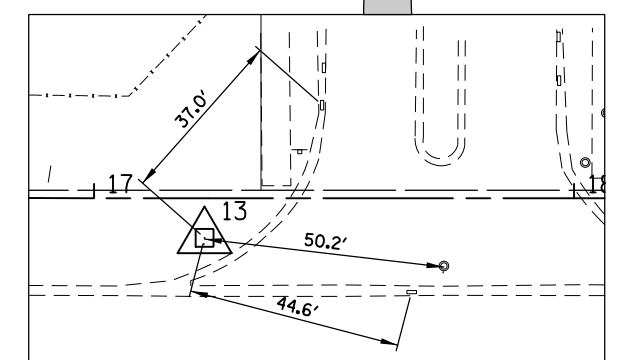
FILE NAME =	USER NAME = jsitrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF EARTHWORK EUCLID AVENUE MULTI-USE PATH</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 60'	CHECKED -	REVISED -			1292	15-00115-00-BT	COOK	57	6	
	PLOT DATE = 5/31/2018	DATE -	REVISED -			CONTRACT NO. 61E78					
						SCALE:	SHEET	OF	SHEETS	STA.	TO

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



CP-12



CP-13

NO.	DESCRIPTION	ELEV.
STATION 4	ROLLING MEADOWS BENCHMARK STATION 4 - BERNSTEIN MON. IN ISLAND BETWEEN COURT HOUSE & PARKING GARAGE	716.22
OSBM 15-1	SQUARE CUT ON NORTH HEADWALL OF SALT CREEK AT NORTHWEST CORNER OF EUCLID AV. CROSSING	713.18
OSBM 15-2	SQUARE CUT ON NORTHWEST CORNER OF TRAFFIC CONTROL BOX AT SOUTHWEST CORNER OF EUCLID AV & SALT CREEK LN.	715.58
OSBM 15-3	SECTION CORNER DISK IN CENTER OF ISLAND OF EUCLID AV. APPROX. 600' ± EAST OF RHOWLING RD.	723.82
OSBM 15-4	SQUARE CUT ON TREE STYLE TRAFFIC LIGHT BASE @ NORTHEAST CORNER OF RHOWLING RD. & EUCLID AV.	725.07

PROP. CURVE PRO\_PATH1  
 PI STA. = 12+67.51  
 $\Delta = 4^\circ 07' 29''$  (RT)  
 $D = 7^\circ 38' 22''$   
 $R = 750.00'$   
 $T = 27.01'$   
 $L = 53.99'$   
 $E = 0.49'$   
 P.C. STA = 12+40.50  
 P.T. STA = 12+94.49

PROP. CURVE PRO\_PATH2  
 PI STA. = 14+69.89  
 $\Delta = 4^\circ 25' 14''$  (LT)  
 $D = 7^\circ 38' 22''$   
 $R = 750.00'$   
 $T = 28.95'$   
 $L = 57.87'$   
 $E = 0.56'$   
 P.C. STA = 14+40.94  
 P.T. STA = 14+98.81

HORIZONTAL CONTROL POINTS					
CONTROL POINTS	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
CP-12	1 975 015.36	1 067 802.52	CP-REBAR	13+26.16	13.84 RT
CP-13	1 975 009.74	1 068 200.07	CP-REBAR	17+23.04	8.28 RT

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
		DATE -	REVISED -

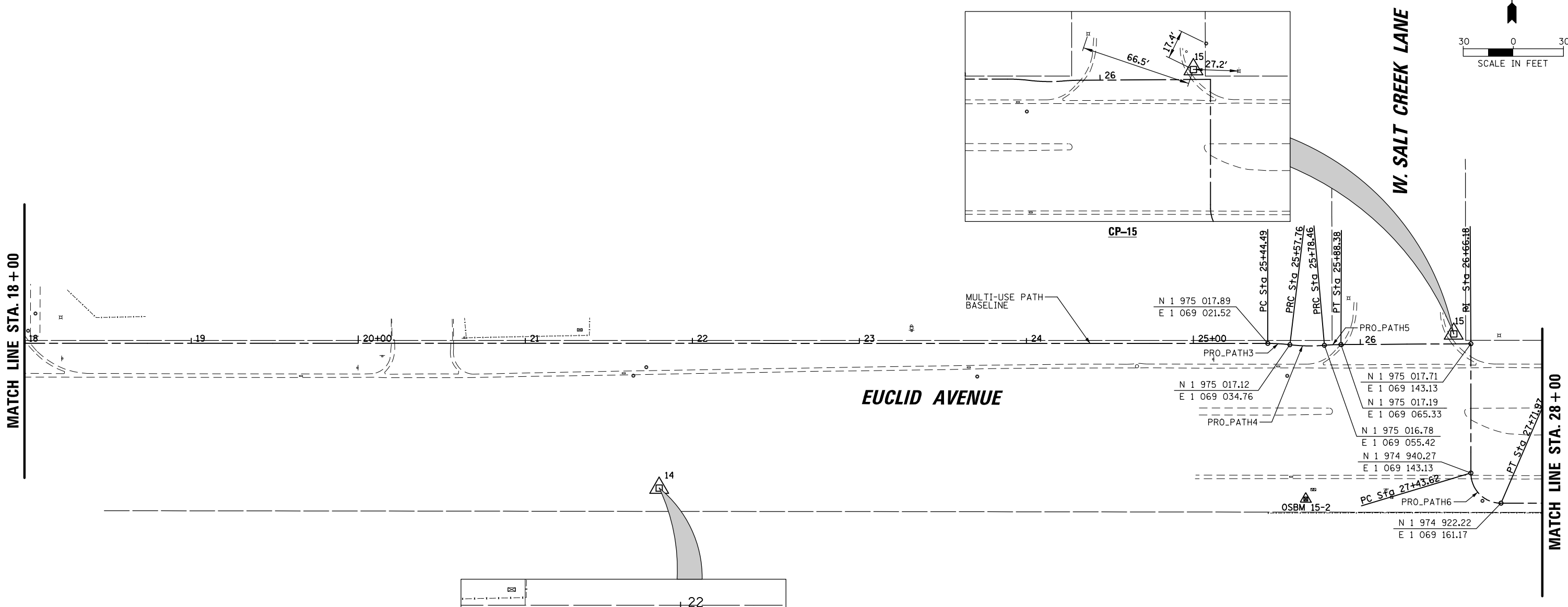
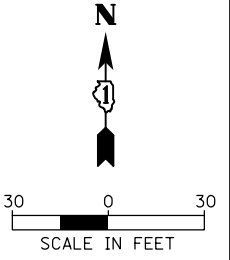
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS PLAN			
EUCLID AVENUE MULTI-USE PATH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

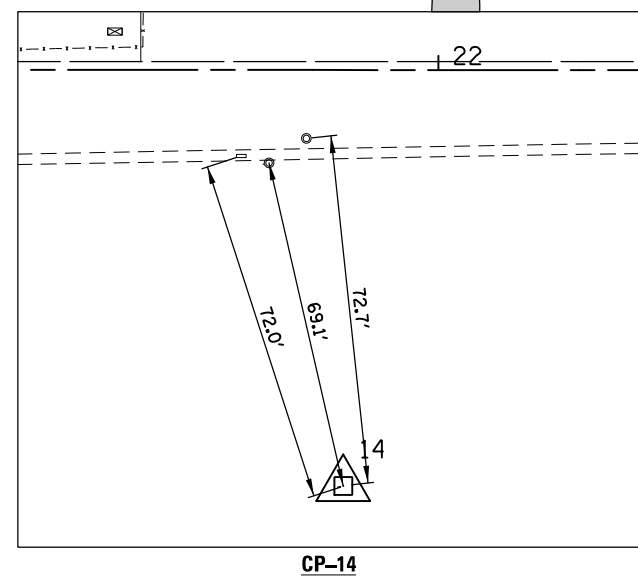
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	15-00115-00-BT	COOK	57	7
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



ELEVATION BENCHMARKS DATUM: ROLLING MEADOWS NAVD '88		
NO.	DESCRIPTION	ELEV.
STATION 4	ROLLING MEADOWS BENCHMARK STATION 4 - BERNSTEIN MON. IN ISLAND BETWEEN COURT HOUSE & PARKING GARAGE	716.22
OSBM 15-1	SQUARE CUT ON NORTH HEADWALL OF SALT CREEK AT NORTHWEST CORNER OF EUCLID AV. CROSSING	713.18
OSBM 15-2	SQUARE CUT ON NORTHWEST CORNER OF TRAFFIC CONTROL BOX AT SOUTHWEST CORNER OF EUCLID AV & SALT CREEK LN.	715.58
OSBM 15-3	SECTION CORNER DISK IN CENTER OF ISLAND OF EUCLID AV. APPROX. 600' ± EAST OF RHOWLING RD.	723.82
OSBM 15-4	SQUARE CUT ON TREE STYLE TRAFFIC LIGHT BASE @ NORTHEAST CORNER OF RHOWLING RD. & EUCLID AV.	725.07



PROP. CURVE PRO\_PATH3  
 PI STA. = 25+51.13  
 $\Delta = 7^\circ 02' 28''$  (RT)  
 $D = 53^\circ 03' 06''$   
 $R = 108.00'$   
 $T = 6.64'$   
 $L = 13.27'$   
 $E = 0.20'$   
 P.C. STA = 25+44.49  
 P.T. STA = 25+57.76

PROP. CURVE PRO\_PATH4  
 PI STA. = 25+68.15  
 $\Delta = 11^\circ 51' 47''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 10.39'$   
 $L = 20.70'$   
 $E = 0.54'$   
 P.C. STA = 25+57.76  
 P.T. STA = 25+78.46

PROP. CURVE PRO\_PATH5  
 PI STA. = 25+83.43  
 $\Delta = 5^\circ 15' 42''$  (LT)  
 $D = 53^\circ 03' 06''$   
 $R = 108.00'$   
 $T = 4.96'$   
 $L = 9.92'$   
 $E = 0.11'$   
 P.C. STA = 25+78.46  
 P.T. STA = 25+88.38

PROP. CURVE PRO\_PATH6  
 PI STA. = 27+61.66  
 $\Delta = 89^\circ 58' 49''$  (RT)  
 $D = 317^\circ 25' 41''$   
 $R = 18.05'$   
 $T = 18.04'$   
 $L = 28.35'$   
 $E = 7.47'$   
 P.C. STA = 27+36.62  
 P.T. STA = 27+71.97

HORIZONTAL CONTROL POINTS

CONTROL POINTS	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
CP-14	1 974 931.27	1 068 657.19	CP-REBAR	21+80.18	86.68 RT
CP-15	1 975 023.62	1 069 132.87	CP-XCUT	26+55.97	5.98 LT

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS PLAN			
EUCLID AVENUE MULTI-USE PATH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

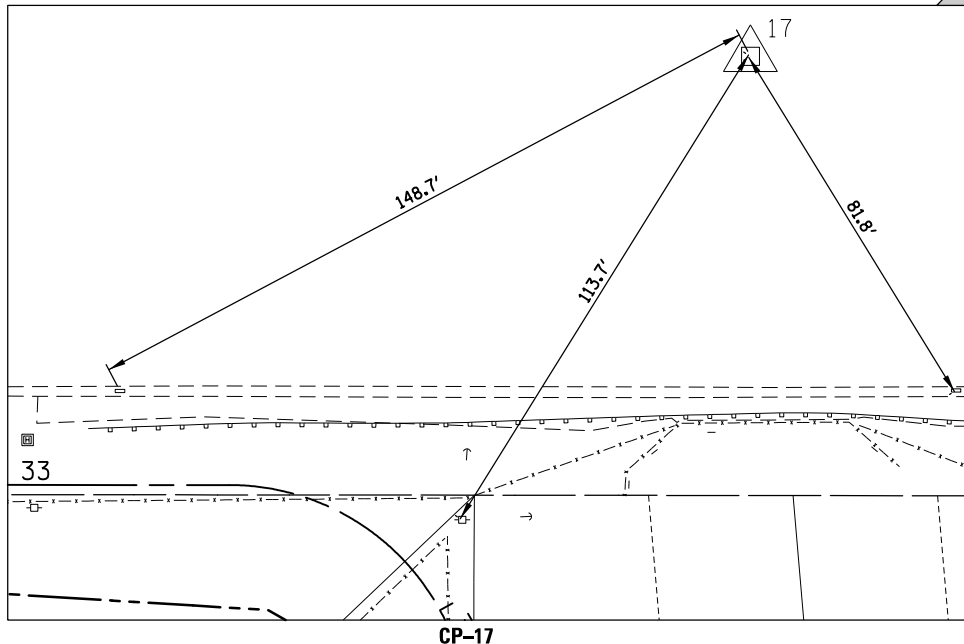
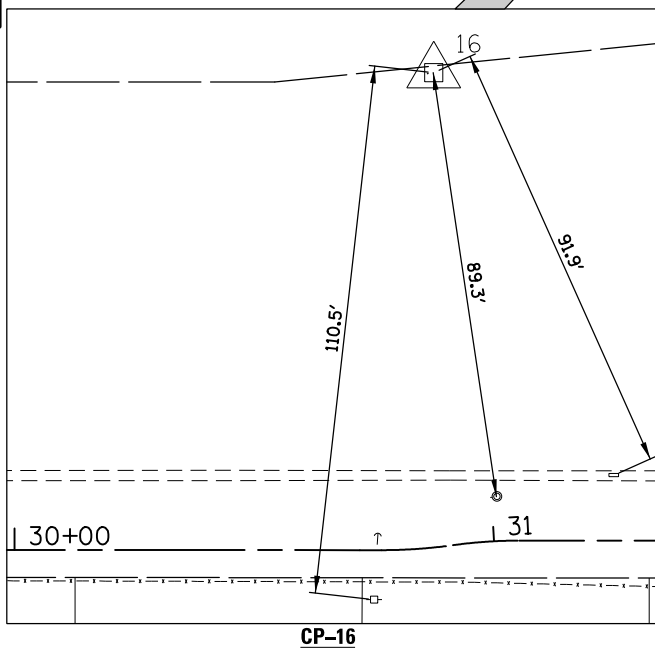
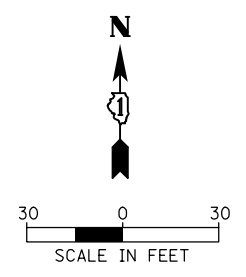
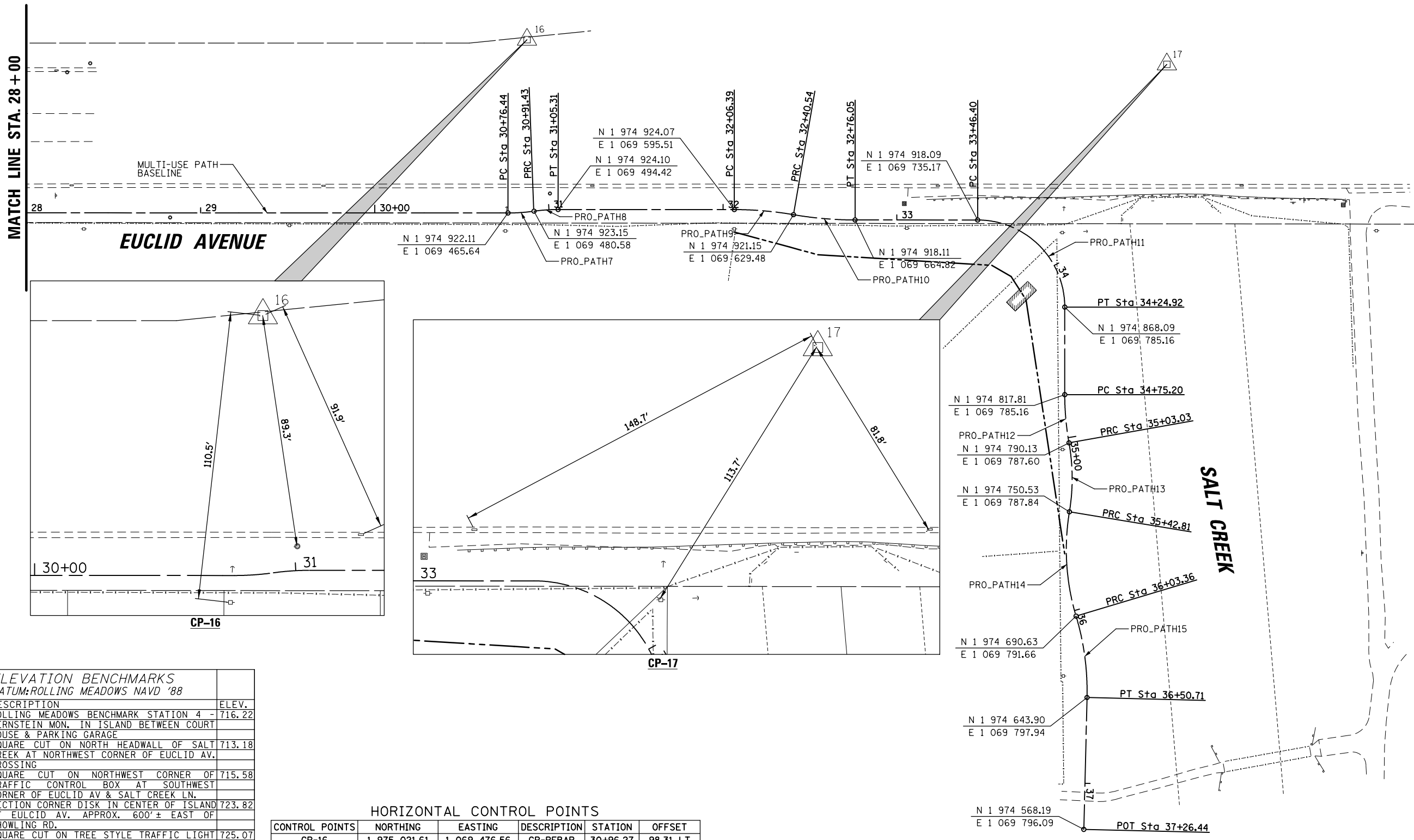
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	15-00115-00-BT	COOK	57	8
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				



PROP. CURVE PRO_PATH7 PI STA. = 30+83.95 Δ = 7° 57' 07" (LT) D = 53° 03' 06" R = 108.00' T = 7.51' L = 14.99' E = 0.26' P.C. STA = 30+76.44 P.T. STA = 30+91.43	PROP. CURVE PRO_PATH8 PI STA. = 30+98.38 Δ = 7° 57' 07" (RT) D = 57° 17' 45" R = 100.00' T = 6.95' L = 13.88' E = 0.24' P.C. STA = 30+91.43 P.T. STA = 31+05.31	PROP. CURVE PRO_PATH9 PI STA. = 32+23.51 Δ = 9° 46' 54" (RT) D = 28° 38' 52" R = 200.00' T = 17.11' L = 34.14' E = 0.73' P.C. STA = 32+06.39 P.T. STA = 32+40.54	PROP. CURVE PRO_PATH10 PI STA. = 32+58.34 Δ = 9° 46' 54" (LT) D = 27° 32' 46" R = 208.00' T = 17.80' L = 35.51' E = 0.76' P.C. STA = 32+40.54 P.T. STA = 32+76.05	PROP. CURVE PRO_PATH11 PI STA. = 33+96.38 Δ = 89° 58' 49" (RT) D = 114° 35' 30" R = 50.00' T = 49.98' L = 78.52' E = 20.70' P.C. STA = 33+46.40 P.T. STA = 34+24.92	PROP. CURVE PRO_PATH12 PI STA. = 34+89.15 Δ = 10° 05' 27" (LT) D = 36° 15' 47" R = 158.00' T = 13.95' L = 27.83' E = 0.61' P.C. STA = 34+75.20 P.T. STA = 35+03.03	PROP. CURVE PRO_PATH13 PI STA. = 35+23.11 Δ = 19° 28' 57" (RT) D = 48° 58' 15" R = 117.00' T = 20.09' L = 39.78' E = 1.71' P.C. STA = 35+03.03 P.T. STA = 35+42.81	PROP. CURVE PRO_PATH14 PI STA. = 35+73.62 Δ = 26° 04' 54" (LT) D = 43° 04' 46" R = 133.00' T = 30.81' L = 60.54' E = 3.52' P.C. STA = 35+42.81 P.T. STA = 36+03.36	PROP. CURVE PRO_PATH15 PI STA. = 36+27.23 Δ = 18° 05' 15" (RT) D = 38° 11' 50" R = 150.00' T = 23.87' L = 47.35' E = 1.89' P.C. STA = 36+03.36 P.T. STA = 36+50.71
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

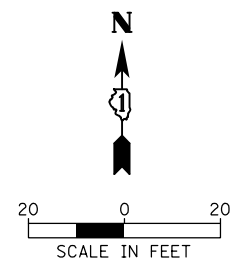
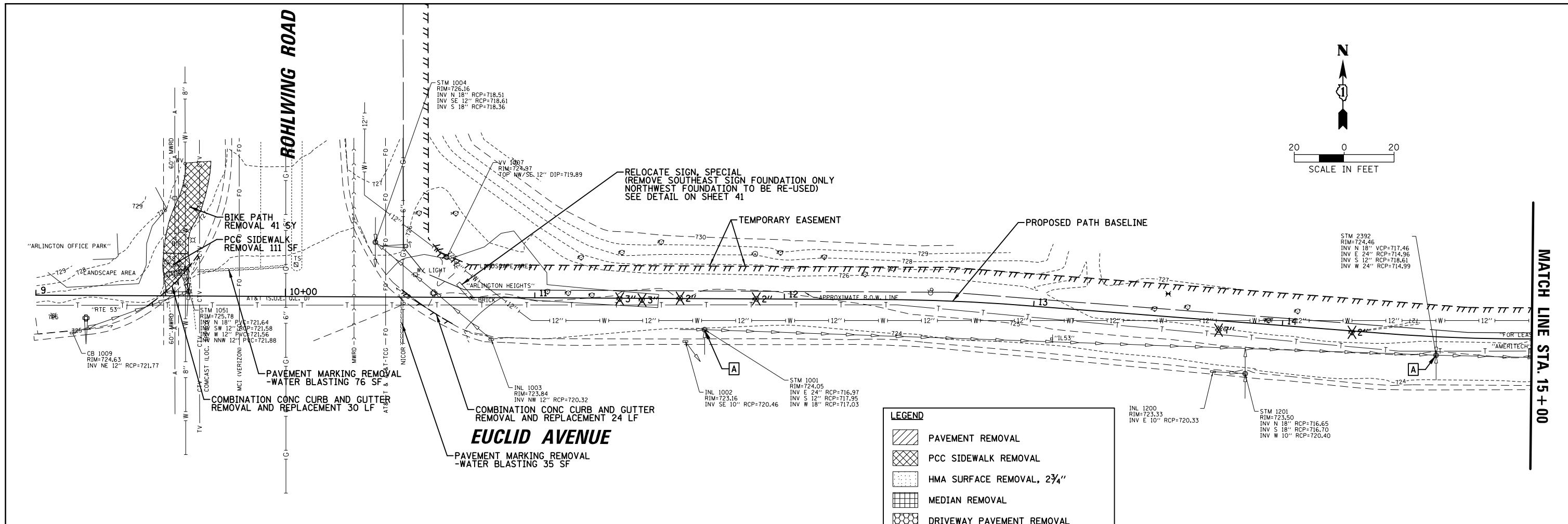


NO.	DESCRIPTION	ELEV.
4	ROLLING MEADOWS BENCHMARK STATION 4 -	716.22
	BERNSTEIN MON. IN ISLAND BETWEEN COURT HOUSE & PARKING GARAGE	
OSBM 15-1	SQUARE CUT ON NORTH HEADWALL OF SALT CREEK AT NORTHWEST CORNER OF EUCLID AV. CROSSING	713.18
OSBM 15-2	SQUARE CUT ON NORTHWEST CORNER OF TRAFFIC CONTROL BOX AT SOUTHWEST CORNER OF EUCLID AV & SALT CREEK LN.	715.58
OSBM 15-3	SECTION CORNER DISK IN CENTER OF ISLAND OF EUCLID AV. APPROX. 600' ± EAST OF RHOWLING RD.	723.82
OSBM 15-4	SQUARE CUT ON TREE STYLE TRAFFIC LIGHT BASE @ NORTHEAST CORNER OF ROHLWING RD. & EUCLID AV.	725.07

HORIZONTAL CONTROL POINTS					
CONTROL POINTS	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
CP-16	1 975 021.61	1 069 476.56	CP-REBAR	30+96.27	98.31 LT
CP-17	1 975 007.43	1 069 843.78	CP-PK	33+79.49	126.68 LT

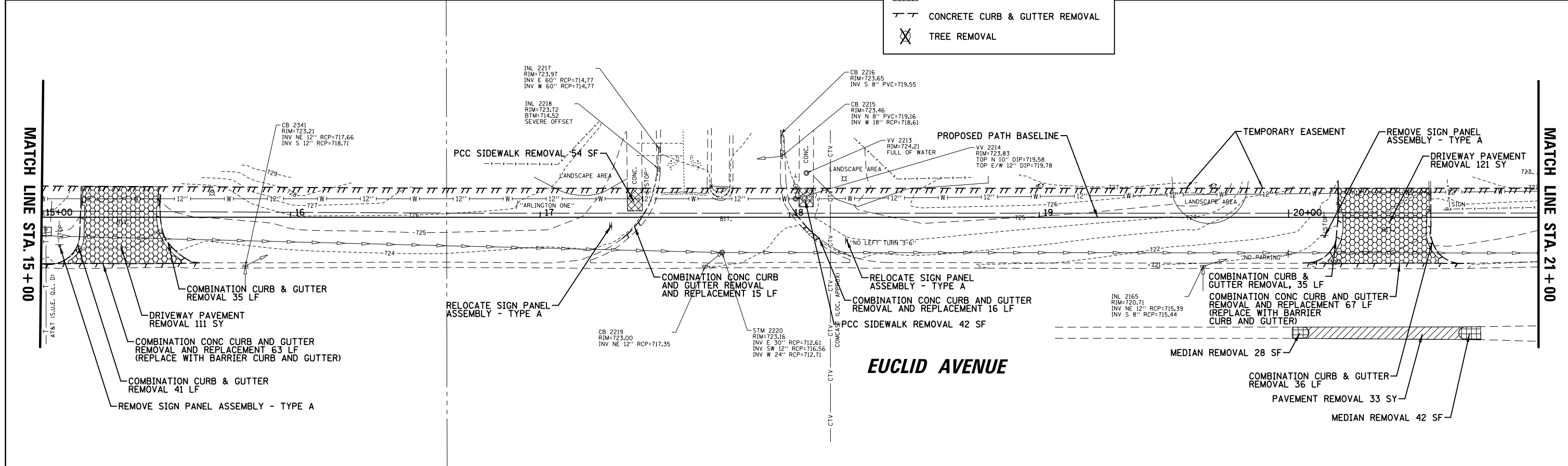
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PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	REVISIONS
	NO. DATE
NOTE BOOK	
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CARD FILE NAME	

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. DATE
NOTE BOOK	
NO.	
NOTATIONS CHECKED	



**LEGEND**

- PAVEMENT REMOVAL
- PCC SIDEWALK REMOVAL
- HMA SURFACE REMOVAL, 2 3/4"
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- TREE REMOVAL

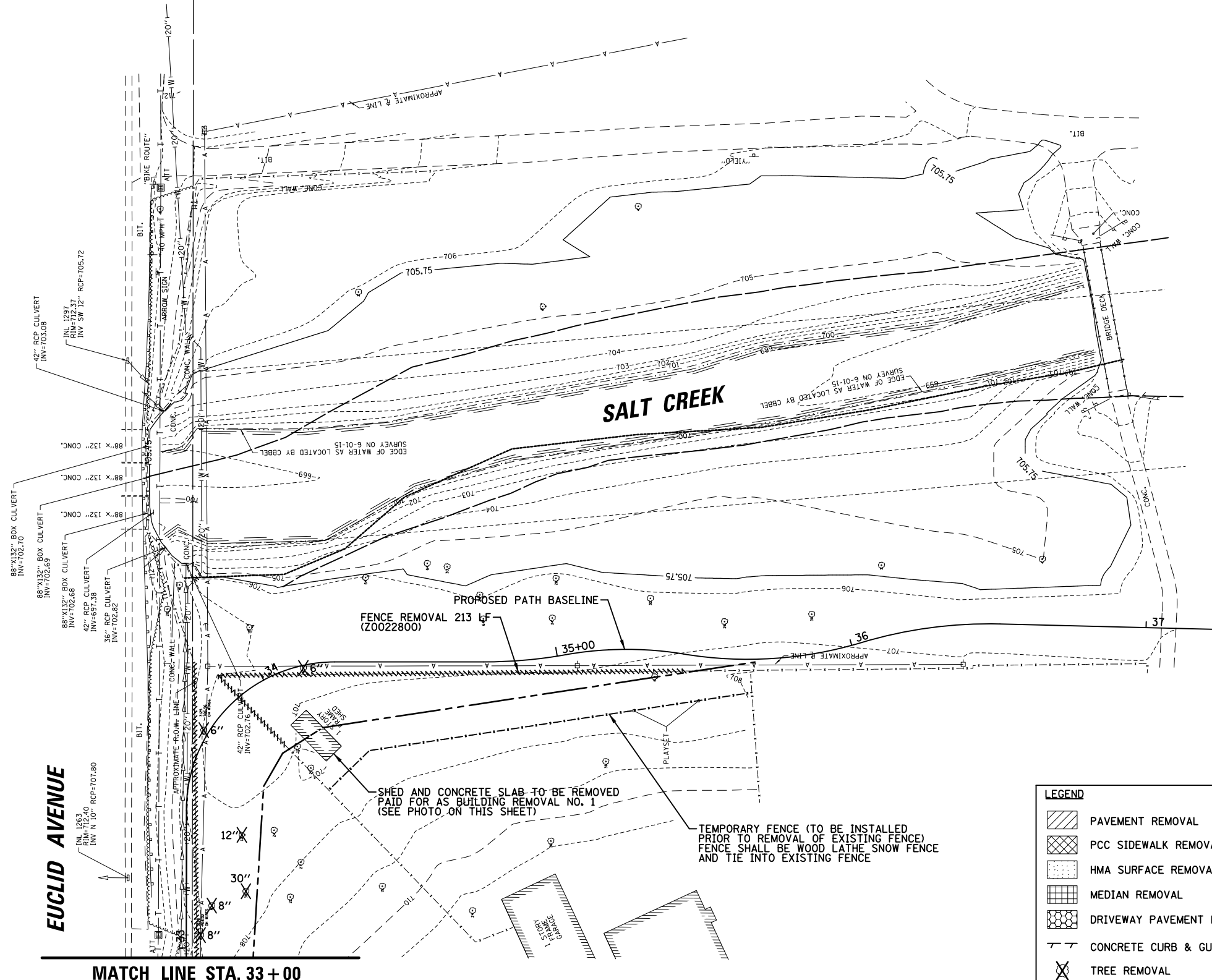
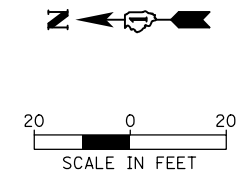


FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING CONDITIONS AND REMOVALS EUCLID AVENUE MULTI-USE PATH</b>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		CHECKED -	REVISED -			1292	15-00115-00-BT	COOK	57	10	
	PLOT SCALE = 48"	DATE -	REVISED -			CONTRACT NO. 61E78					
	PLOT DATE = 5/31/2018		REVISED -			ILLINOIS FED. AID PROJECT					



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		
	NO. _____		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
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	NO. _____		



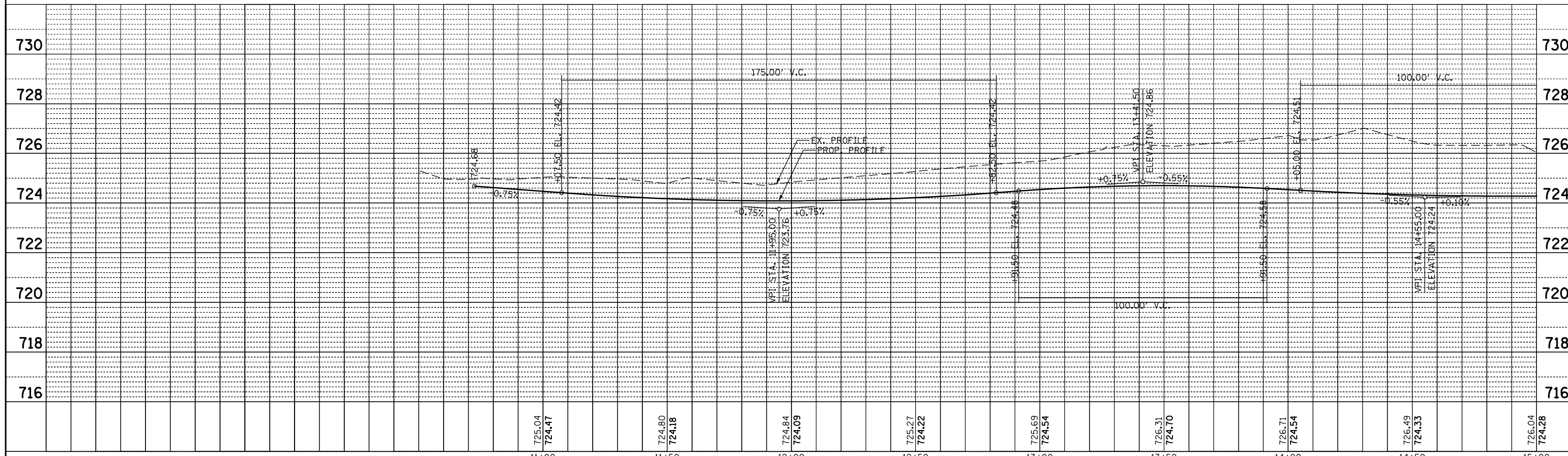
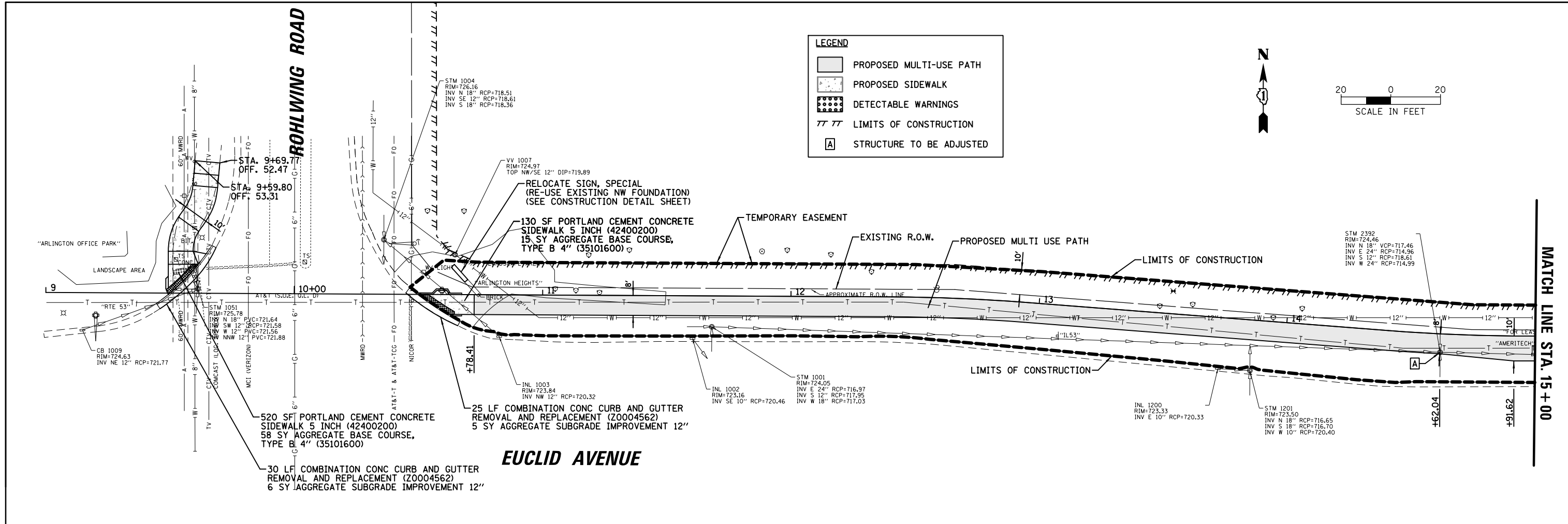
SHED (TO BE REMOVED)

LEGEND	
	PAVEMENT REMOVAL
	PCC SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, 2 3/4\"/>
	MEDIAN REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	CONCRETE CURB & GUTTER REMOVAL
	TREE REMOVAL

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING CONDITIONS AND REMOVALS EUCLID AVENUE MULTI-USE PATH</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT DATE = 5/31/2018	CHECKED -	REVISED -			1292	15-00115-00-BT	COOK	57	12	
		DATE -	REVISED -			CONTRACT NO. 61E78					
						ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
	CADD FILE NAME		

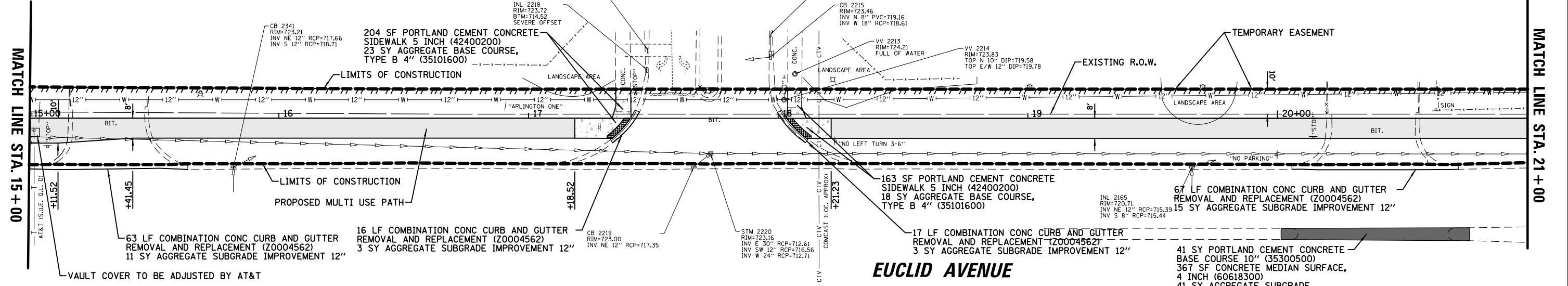
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	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PROPOSED PLAN & PROFILE EUCLID AVENUE MULTI-USE PATH		F.A.U. RT. 1292	SECTION	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 13
\\CBBELSRV1\cbbel\dfs\ROLLINGMEADOWS\98361BR\98361BR100\98361BR187A\Civil\98361BR187A\DRN\98361BR187A\DRN.dwg	PLOT SCALE = 48"	CHECKED -	REVISED -	SCALE: 20H 5V		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 61E78				
Default	PLOT DATE = 5/31/2018	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

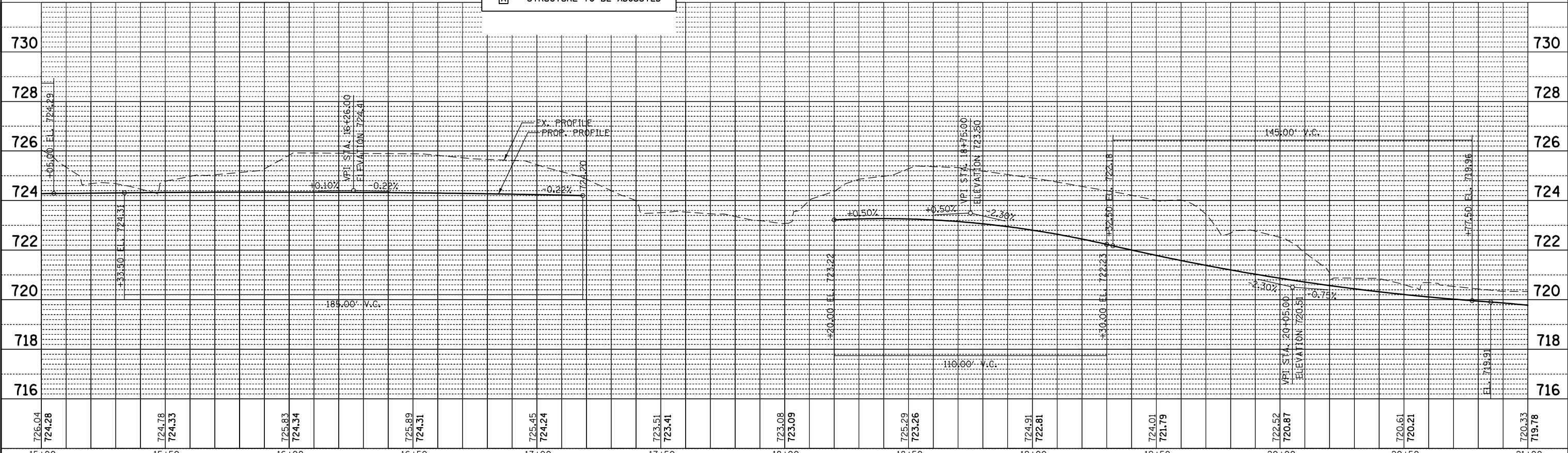
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	PLOTTED		
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	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		



**LEGEND**

- PROPOSED MULTI-USE PATH
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- LIMITS OF CONSTRUCTION
- A STRUCTURE TO BE ADJUSTED



726.04 724.28	724.78 724.33	725.83 724.34	725.89 724.31	725.45 724.24	723.51 723.41	723.08 723.09	725.29 723.26	724.91 722.81	724.01 721.79	722.52 720.87	720.61 720.21	720.33 719.78
15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00

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 USER NAME = jstrick  
 PLOT SCALE = 48"  
 PLOT DATE = 5/31/2018

DESIGNED -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN & PROFILE  
 EUCLID AVENUE MULTI-USE PATH**

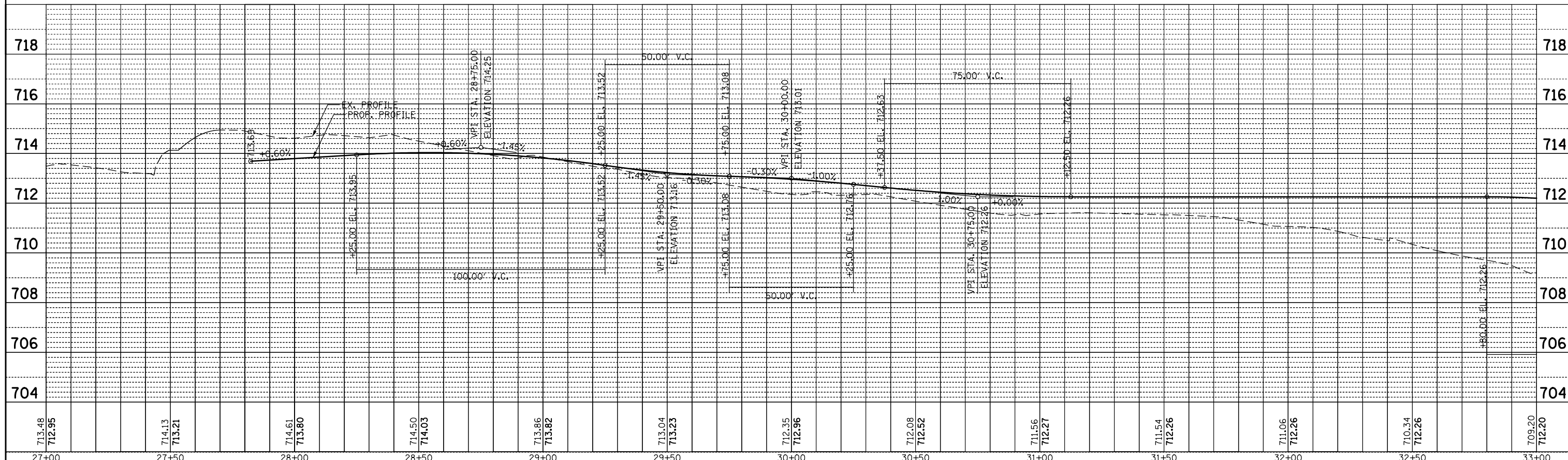
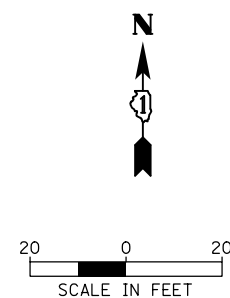
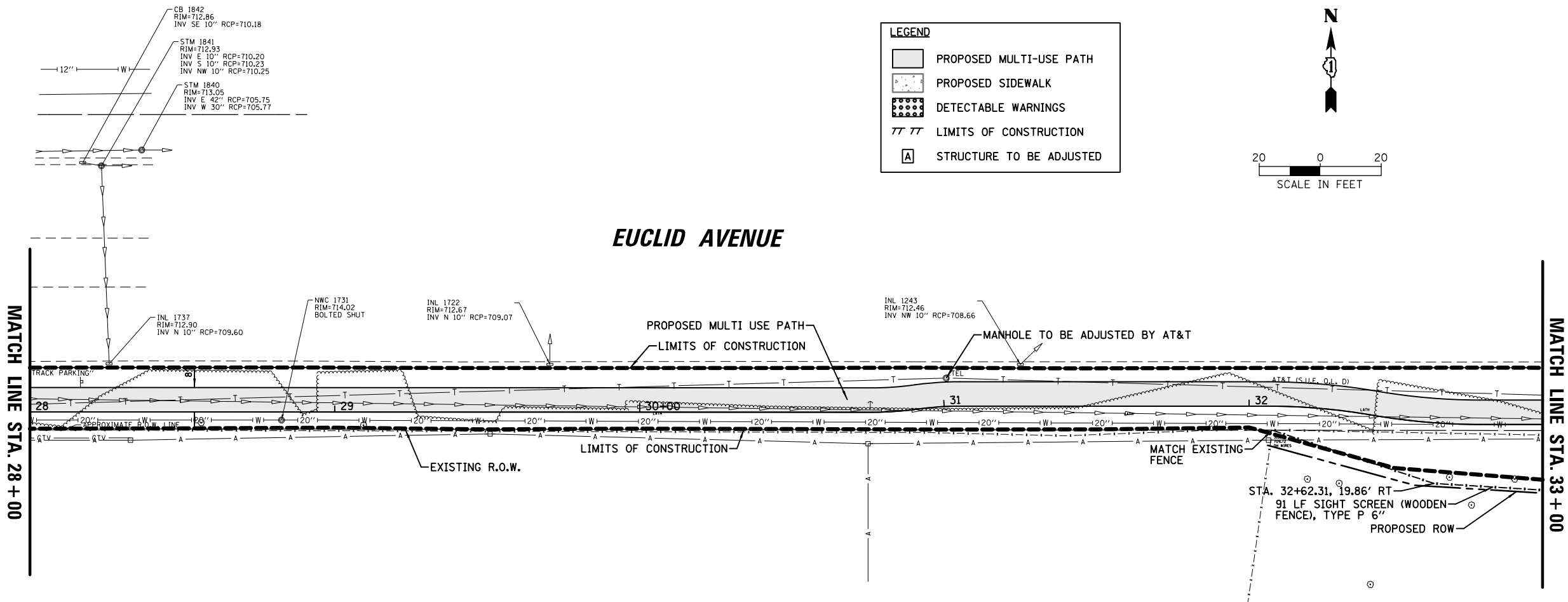
SCALE: 20H 5V SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292		COOK	57	14
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/31/2018	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PROPOSED PLAN & PROFILE EUCLID AVENUE MULTI-USE PATH	
SCALE: 20H 5V	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61E78

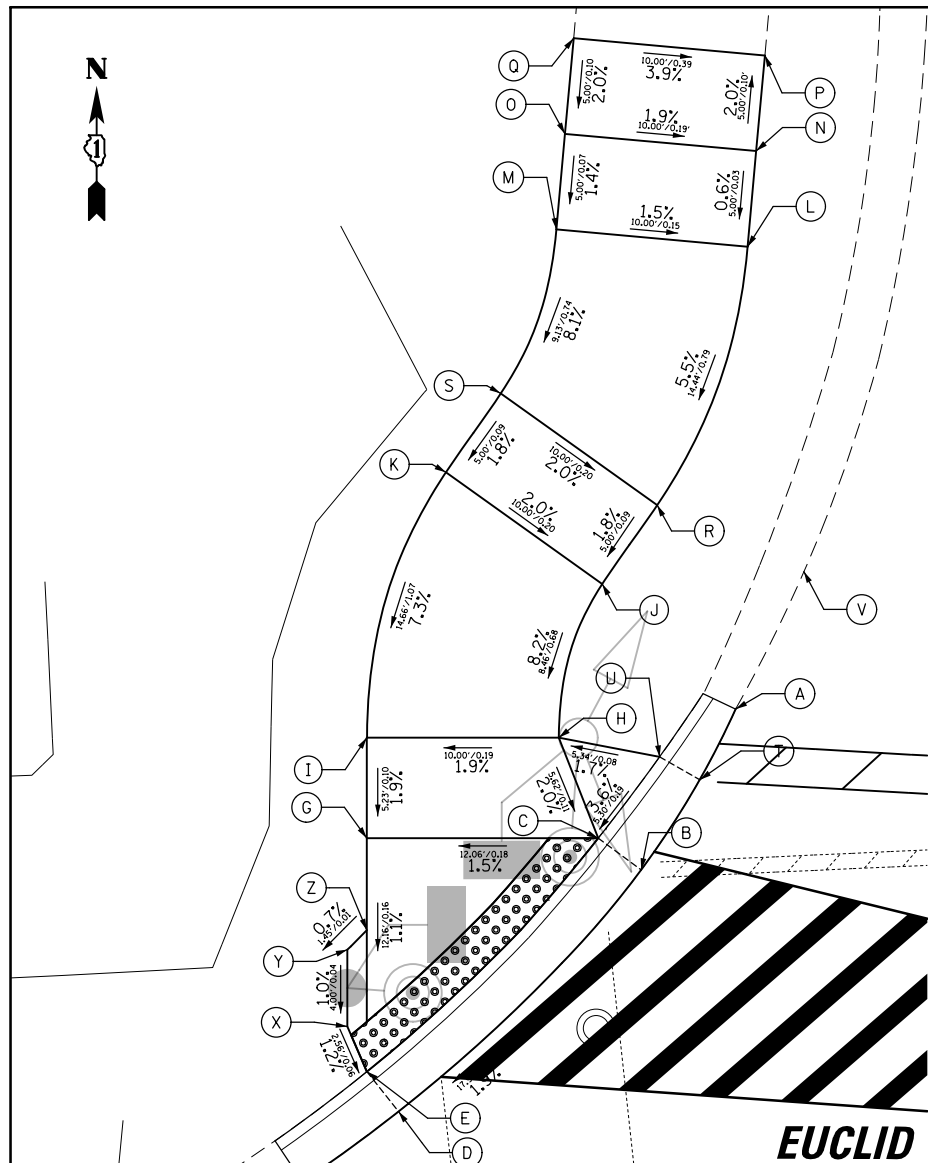
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292		COOK	57	16





PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	
NO.	CHECKED	
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	NOTATIONS	

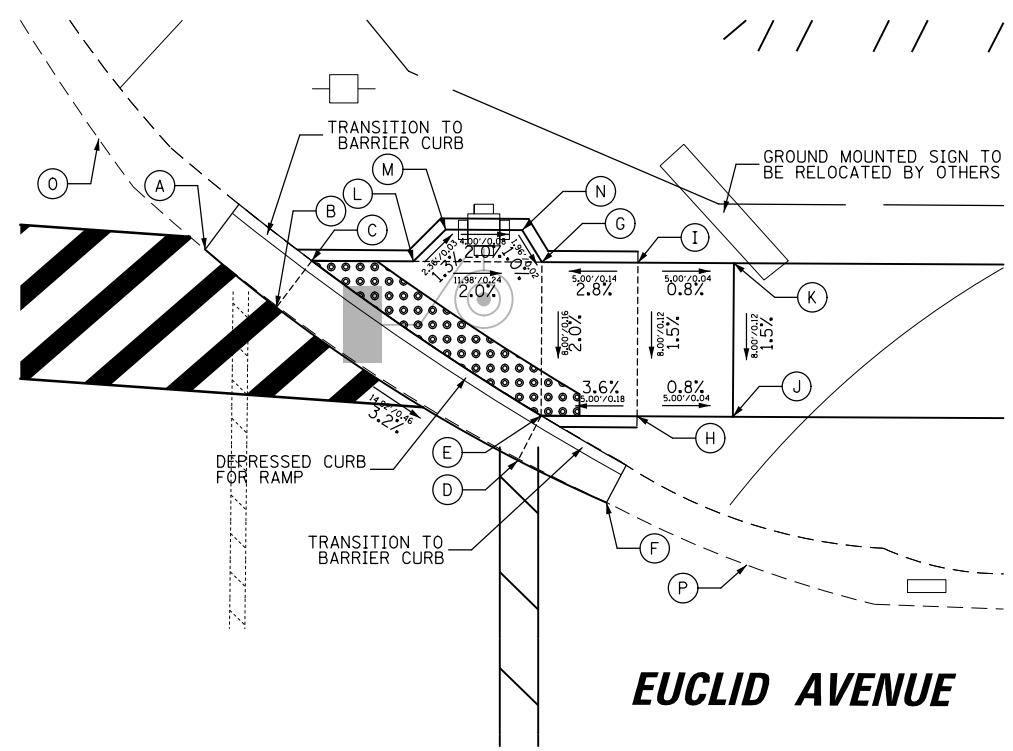


ROWLING ROAD NW CORNER			
POINT	STA	OFFSET	ELEV
A	9+68.43	18.41' LT	726.10
B	9+63.55	10.01' LT	725.97
C	9+61.31	11.65' LT	725.89
D	9+50.97	2.65' RT	725.63
E	9+50.97	2.65' RT	725.55
F	9+45.98	6.32' RT	725.51
G	9+49.25	11.59' LT	725.71
H	9+59.23	16.87' LT	726.00
I	9+49.23	16.81' LT	725.81
J	9+61.45	24.89' LT	726.68
K	9+53.27	30.67' LT	726.88
L	9+68.92	42.51' LT	727.56
M	9+58.96	43.35' LT	727.71
N	9+69.34	47.49' LT	727.59
O	9+59.38	48.33' LT	727.78
P	9+69.77	52.47' LT	727.49
Q	9+59.80	53.31' LT	727.88
R	9+64.28	29.02' LT	726.77
S	9+56.10	34.79' LT	726.97
T	9+66.58	14.72' LT	726.04
U	9+64.48	15.90' LT	726.08
V	9+71.95	25.59' LT	726.25
W	9+39.12	10.44' RT	725.26
X	9+48.28	1.77' LT	725.61
Y	9+48.26	5.77' LT	725.65
Z	9+49.28	6.79' LT	725.66

**ROWLING ROAD**

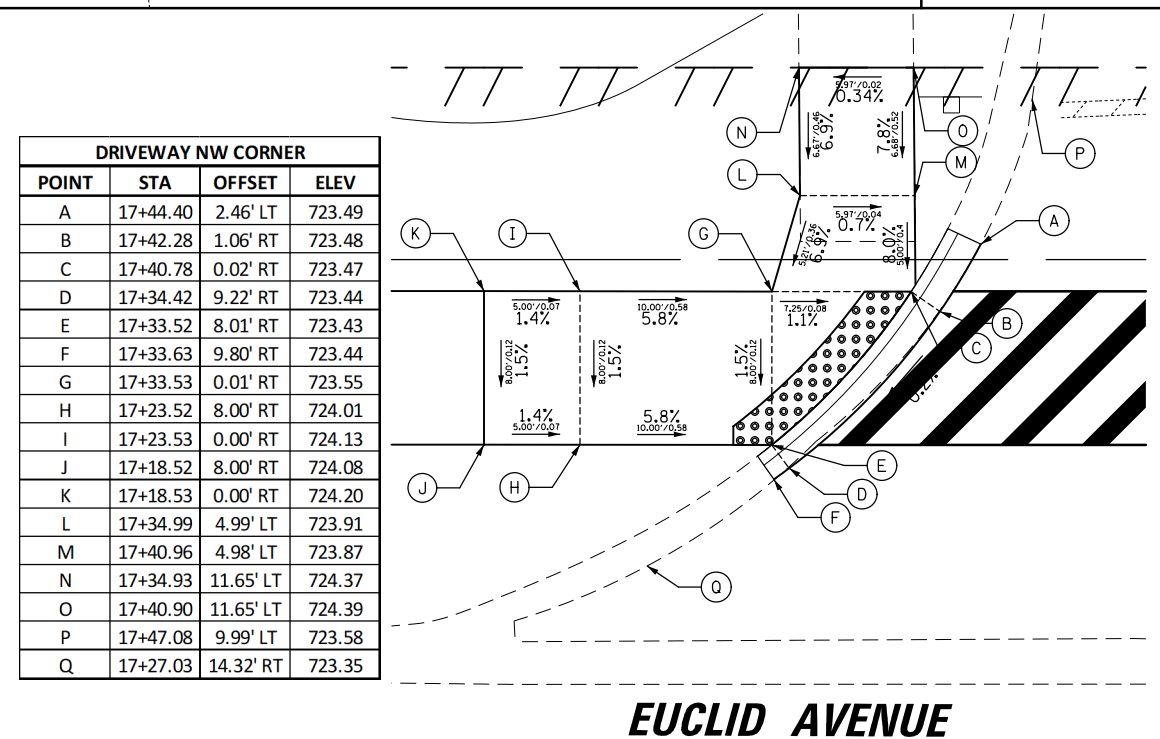
**EUCLID AVENUE**

**ROWLING ROAD**



ROWLING ROAD NE CORNER			
POINT	STA	OFFSET	ELEV
A	10+44.92	0.56' LT	725.04
B	10+48.64	2.43' RT	724.88
C	10+50.48	0.00' RT	724.82
D	10+61.28	10.34' RT	724.40
E	10+62.46	8.00' RT	724.42
F	10+65.90	12.51' RT	724.23
G	10+62.46	0.00' RT	724.58
H	10+67.46	8.00' RT	724.60
I	10+67.46	8.00' RT	724.72
J	10+72.46	8.00' RT	724.56
K	10+72.46	0.00' RT	724.68
L	10+55.77	0.00' RT	724.71
M	10+57.44	1.67' LT	724.68
N	10+61.44	1.67' LT	724.60
O	10+39.34	6.29' LT	725.30
P	10+73.23	15.72' RT	723.99

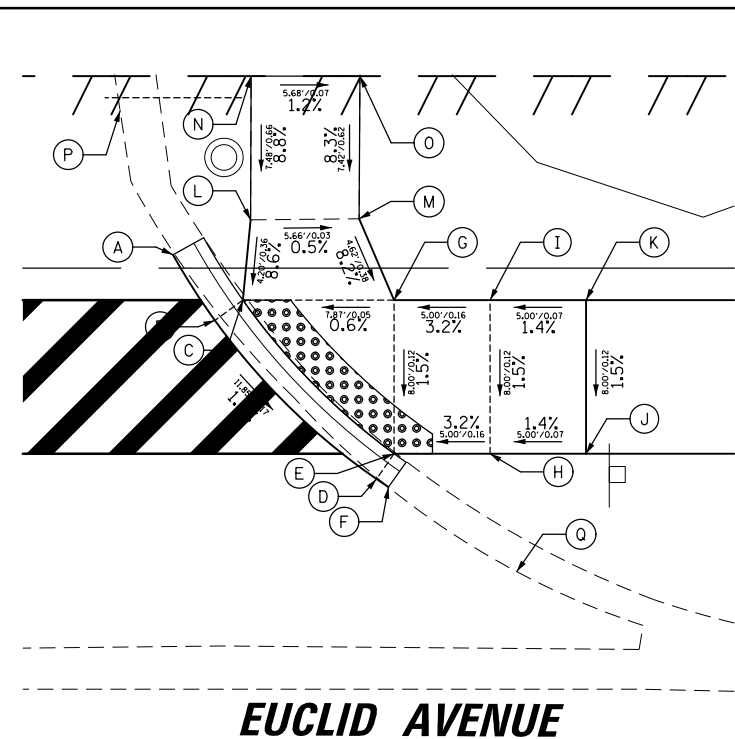
NOTE: ALL PEDESTRIAN PUSH-BUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.



DRIVEWAY NW CORNER			
POINT	STA	OFFSET	ELEV
A	17+44.40	2.46' LT	723.49
B	17+42.28	1.06' RT	723.48
C	17+40.78	0.02' RT	723.47
D	17+34.42	9.22' RT	723.44
E	17+33.52	8.01' RT	723.43
F	17+33.63	9.80' RT	723.44
G	17+33.53	0.01' RT	723.55
H	17+23.52	8.00' RT	724.01
I	17+23.53	0.00' RT	724.13
J	17+18.52	8.00' RT	724.08
K	17+18.53	0.00' RT	724.20
L	17+34.99	4.99' LT	723.91
M	17+40.96	4.98' LT	723.87
N	17+34.93	11.65' LT	724.37
O	17+40.90	11.65' LT	724.39
P	17+47.08	9.99' LT	723.58
Q	17+27.03	14.32' RT	723.35

**EUCLID AVENUE**

**DRIVEWAY**

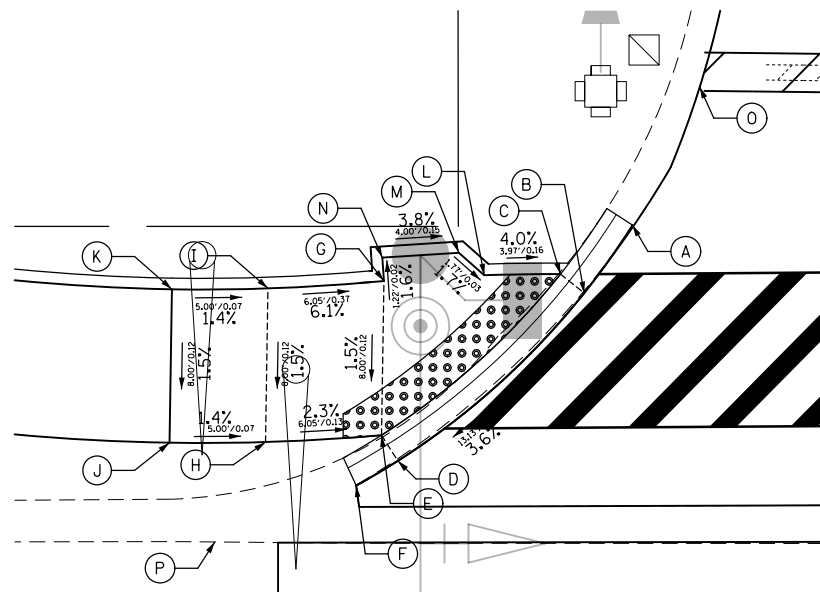


DRIVEWAY NE CORNER			
POINT	STA	OFFSET	ELEV
A	17+99.71	2.37' LT	723.12
B	18+01.90	1.06' RT	723.06
C	18+03.36	0.00' RT	723.05
D	18+10.32	9.31' RT	722.89
E	18+11.23	8.00' RT	722.88
F	18+10.95	9.74' RT	722.88
G	18+11.23	0.00' RT	723.00
H	18+16.23	8.00' RT	723.04
I	18+16.23	0.00' RT	723.16
J	18+21.23	8.00' RT	723.11
K	18+21.23	0.00' RT	723.23
L	18+03.75	4.18' LT	723.41
M	18+09.41	4.24' LT	723.38
N	18+03.78	11.67' LT	724.07
O	18+09.45	11.67' LT	724.00
P	17+96.96	9.88' LT	723.21
Q	18+17.63	14.14' RT	722.80

**EUCLID AVENUE**

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

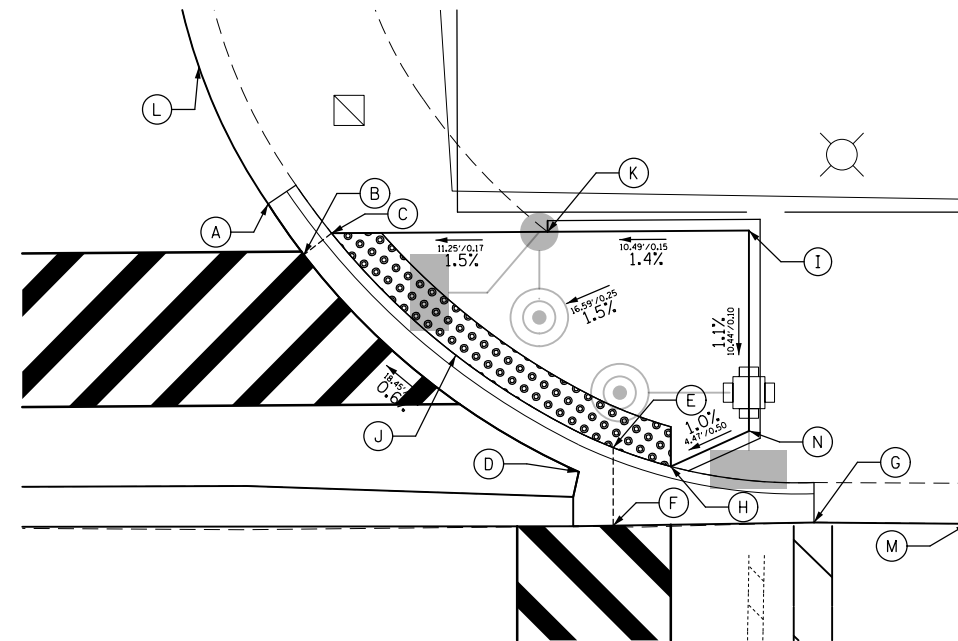
SALT CREEK NW CORNER			
POINT	STA	OFFSET	ELEV
A	25+92.14	2.54' LT	712.77
B	25+89.60	0.99' RT	712.93
C	25+88.37	0.00' RT	712.92
D	25+79.12	9.40' RT	713.41
E	25+78.34	8.00' RT	713.40
F	25+76.96	10.50' RT	713.50
G	25+79.16	0.00' RT	713.28
H	25+72.74	8.00' RT	713.53
I	25+73.11	0.00' RT	713.65
J	25+68.11	8.00' RT	713.60
K	25+68.11	0.00' RT	713.72
L	25+84.40	0.00' RT	713.08
M	25+83.13	1.22' LT	713.11
N	25+79.19	1.22' LT	713.26
O	25+95.69	9.71' LT	712.56
P	25+70.27	13.16' RT	713.64



**EUCLID AVENUE**

**SALT CREEK LANE**

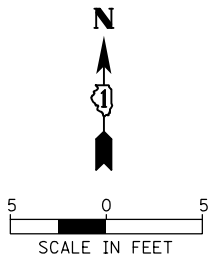
**SALT CREEK LANE**



**EUCLID AVENUE**

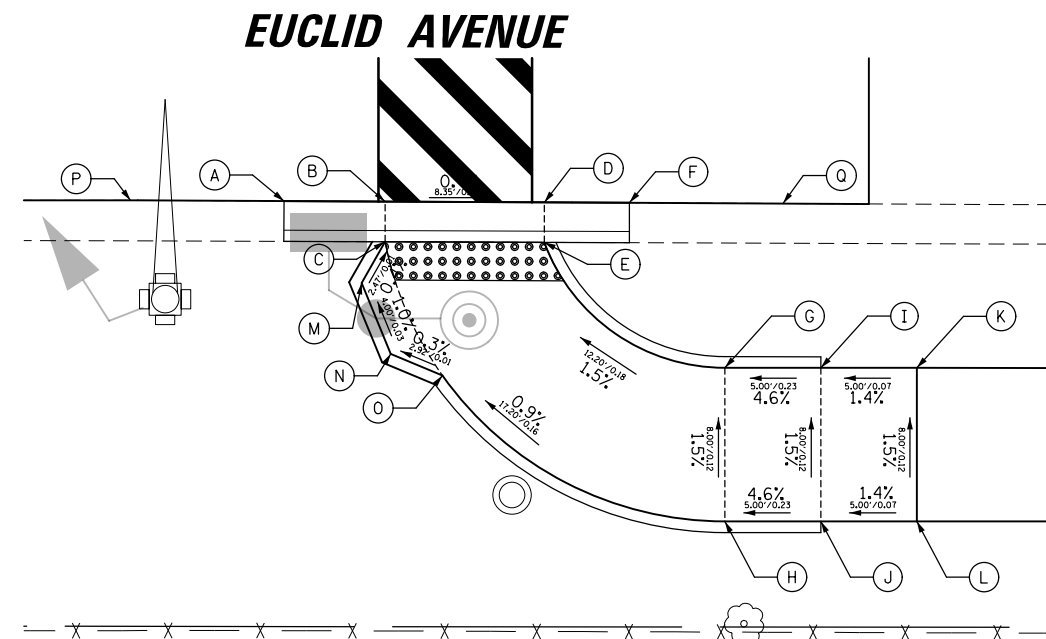
NOTE: ALL PEDESTRIAN PUSH-BUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.

SALT CREEK NE CORNER			
POINT	NORTHING	EASTING	ELEV
A	1 975 020.12	1 069 130.15	712.71
B	1 975 017.47	1 069 132.00	712.73
C	1 975 018.59	1 069 133.46	712.72
D	1 975 006.16	1 069 146.34	712.84
E	1 975 007.42	1 069 148.13	712.82
F	1 975 003.36	1 069 148.13	712.93
G	1 975 003.53	1 069 158.58	712.97
H	1 975 006.44	1 069 151.13	712.89
I	1 975 018.73	1 069 155.20	713.04
J	1 975 012.25	1 069 139.93	712.79
K	1 975 018.66	1 069 144.70	712.89
L	1 975 027.25	1 069 126.54	712.55
M	1 975 003.45	1 069 166.58	712.97
N	1 975 008.29	1 069 155.20	712.94



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

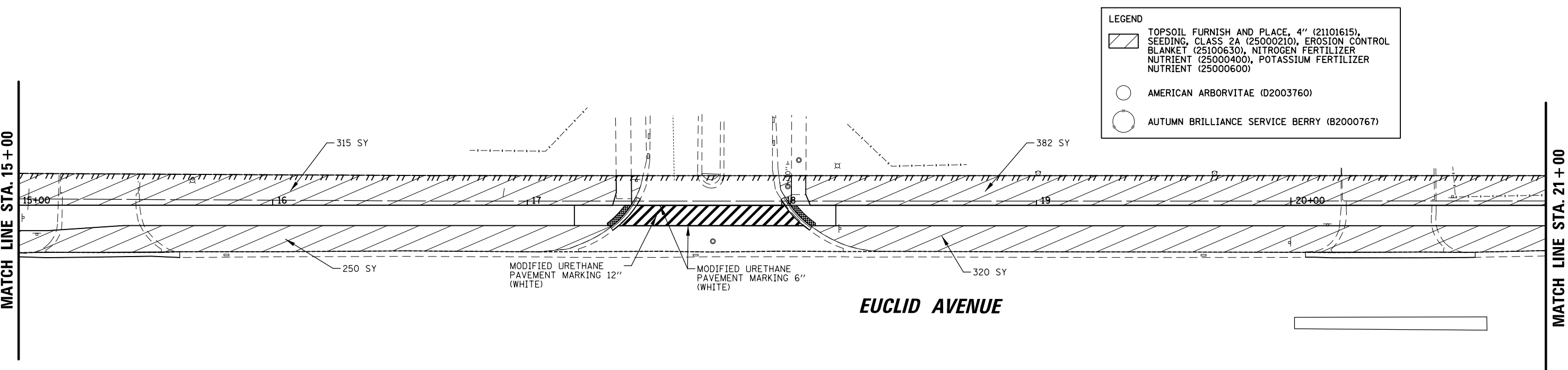
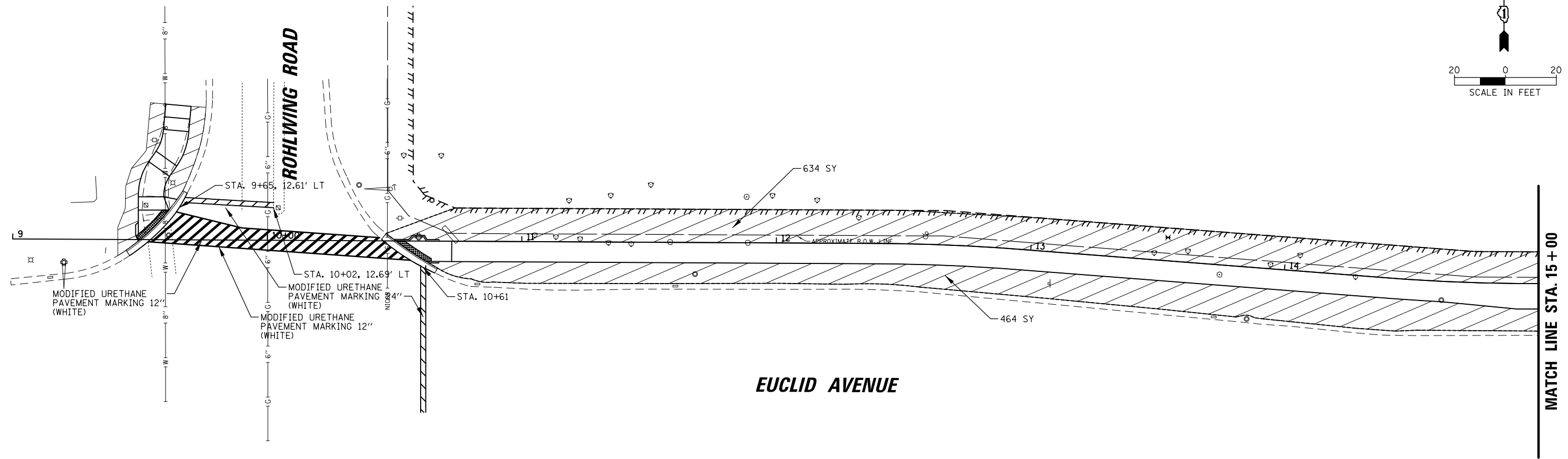
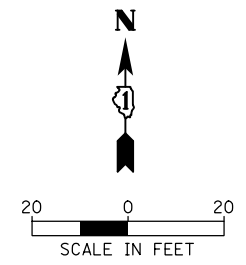
SALT CREEK SE CORNER			
POINT	STA	OFFSET	ELEV
A	27+44.69	4.96' RT	713.20
B	27+45.03	0.29' RT	713.18
C	27+47.12	0.00' RT	713.17
D	27+46.34	8.54' RT	713.15
E	27+50.06	8.00' RT	713.14
F	27+48.75	12.87' RT	713.17
G	27+71.97	8.00' RT	713.26
H	27+71.97	0.00' RT	713.38
I	27+76.97	8.00' RT	713.49
J	27+76.97	0.00' RT	713.61
K	27+81.97	8.00' RT	713.56
L	27+81.97	0.00' RT	713.68
M	27+48.83	1.70' RT	713.18
N	27+52.50	1.70' RT	713.21
O	27+54.76	0.00' RT	713.22
P	27+44.39	12.95' RT	713.23
Q	27+74.99	16.56' LT	713.10



**EUCLID AVENUE**

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



LEGEND	
	TOPSOIL FURNISH AND PLACE, 4" (21101615), SEEDING, CLASS 2A (25000210), EROSION CONTROL BLANKET (25100630), NITROGEN FERTILIZER NUTRIENT (25000400), POTASSIUM FERTILIZER NUTRIENT (25000600)
	AMERICAN ARBORVITAE (D2003760)
	AUTUMN BRILLIANCE SERVICE BERRY (B2000767)

FILE NAME =	USER NAME = jsitrick	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\BR100\5\980361BR187A\Civil\ISP_98361BR187A_01.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48"	CHECKED -	REVISED -
	PLOT DATE = 5/31/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

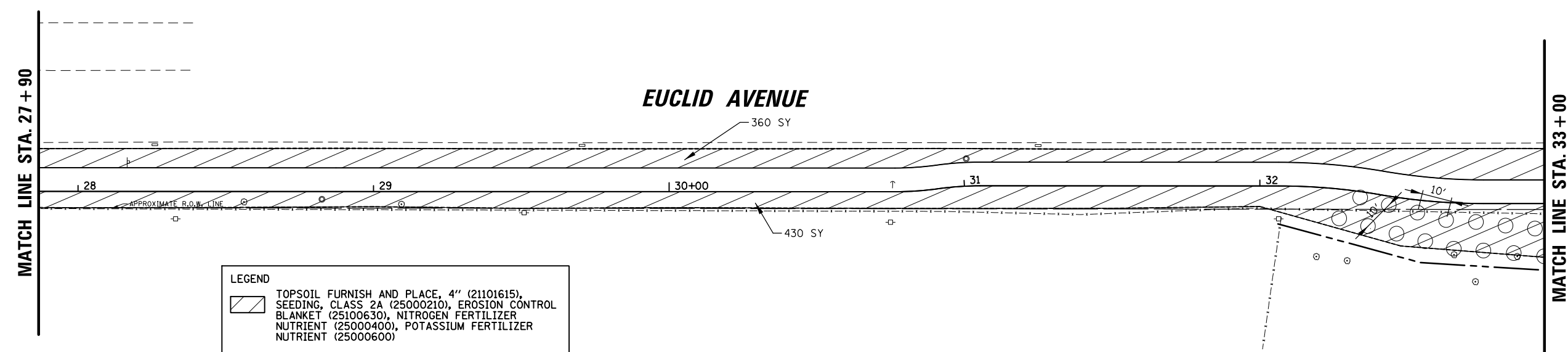
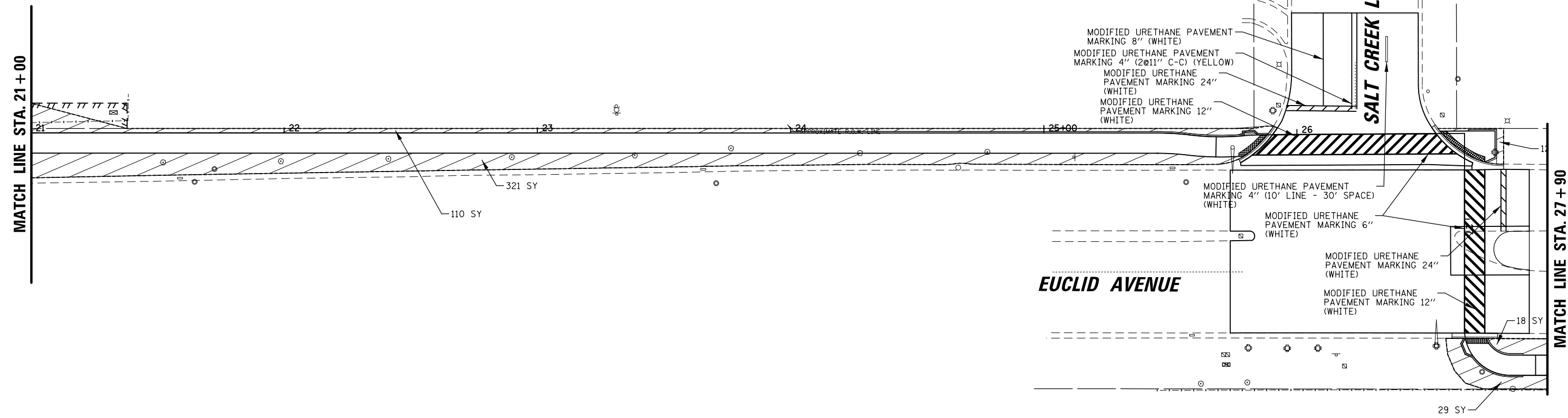
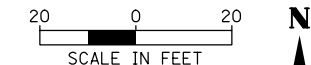
**LANDSCAPING AND PAVEMENT MARKING  
EUCLID AVENUE MULTI-USE PATH**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	15-00115-00-BT	COOK	57	20
				CONTRACT NO. 61E78
ILLINOIS FED. AID PROJECT				

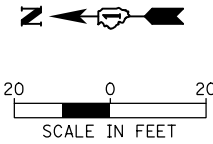
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	PLOTTED		
	GRADES CHECKED		
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	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



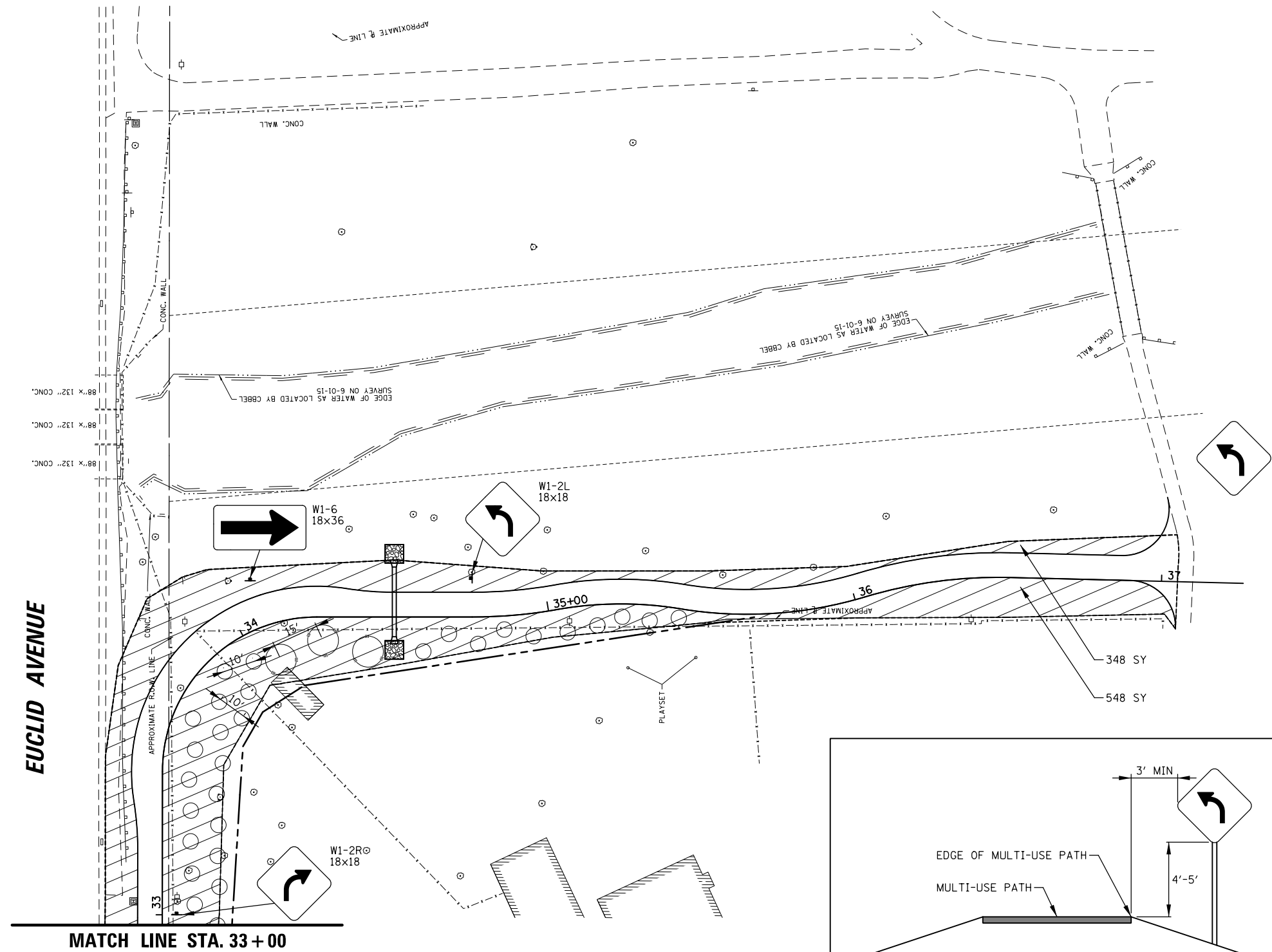
LEGEND	
	TOPSOIL FURNISH AND PLACE, 4" (21101615), SEEDING, CLASS 2A (25000210), EROSION CONTROL BLANKET (25100630), NITROGEN FERTILIZER NUTRIENT (25000400), POTASSIUM FERTILIZER NUTRIENT (25000600)
	AMERICAN ARBORVITAE (D2003760)
	AUTUMN BRILLIANCE SERVICE BERRY (B2000767)

FILE NAME = N:\ROLLINGMEADOWS\980361.BR\BRI00\980361BRI87A\Civil\ISP_98361BRI87A_02.sht	USER NAME = jstrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LANDSCAPING AND PAVEMENT MARKING EUCLID AVENUE MULTI-USE PATH</b>	F.A.U. RTE. 1292	SECTION 15-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 21		
Default	PLOT SCALE = 48'	DRAWN -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61E78			
	PLOT DATE = 5/31/2018	CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -									

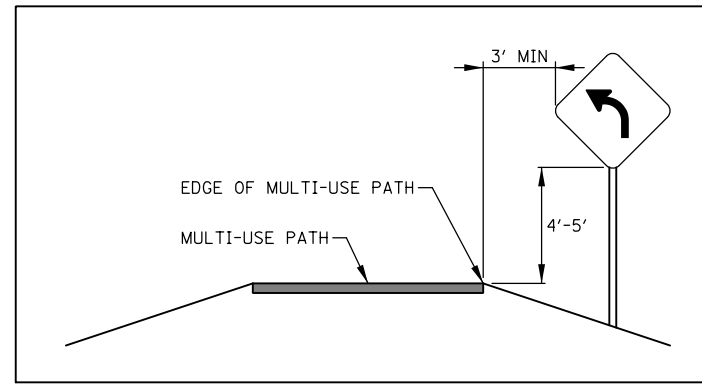


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	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	



<b>LEGEND</b>	
	TOPSOIL FURNISH AND PLACE, 4" (21101615), SEEDING, CLASS 2A (25000210), EROSION CONTROL BLANKET (25100630), NITROGEN FERTILIZER NUTRIENT (25000400), POTASSIUM FERTILIZER NUTRIENT (25000600)
	AMERICAN ARBORVITAE (D2003760)
	AUTUMN BRILLIANCE SERVICE BERRY (B2000767)



**SIGN PLACEMENT DETAIL**

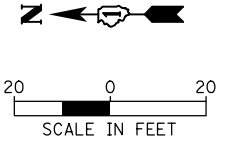
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N:\ROLLINGMEADOWS\980361.BR\BR100\980361BR187A\Civil\SP_98361BR187A_03.sht		DRAWN -	REVISED -			1292	15-00115-00-BT	COOK	57	22
Default	PLOT SCALE = 48"	CHECKED -	REVISED -			CONTRACT NO. 61E78				
	PLOT DATE = 5/31/2018	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

ILLINOIS FED. AID PROJECT



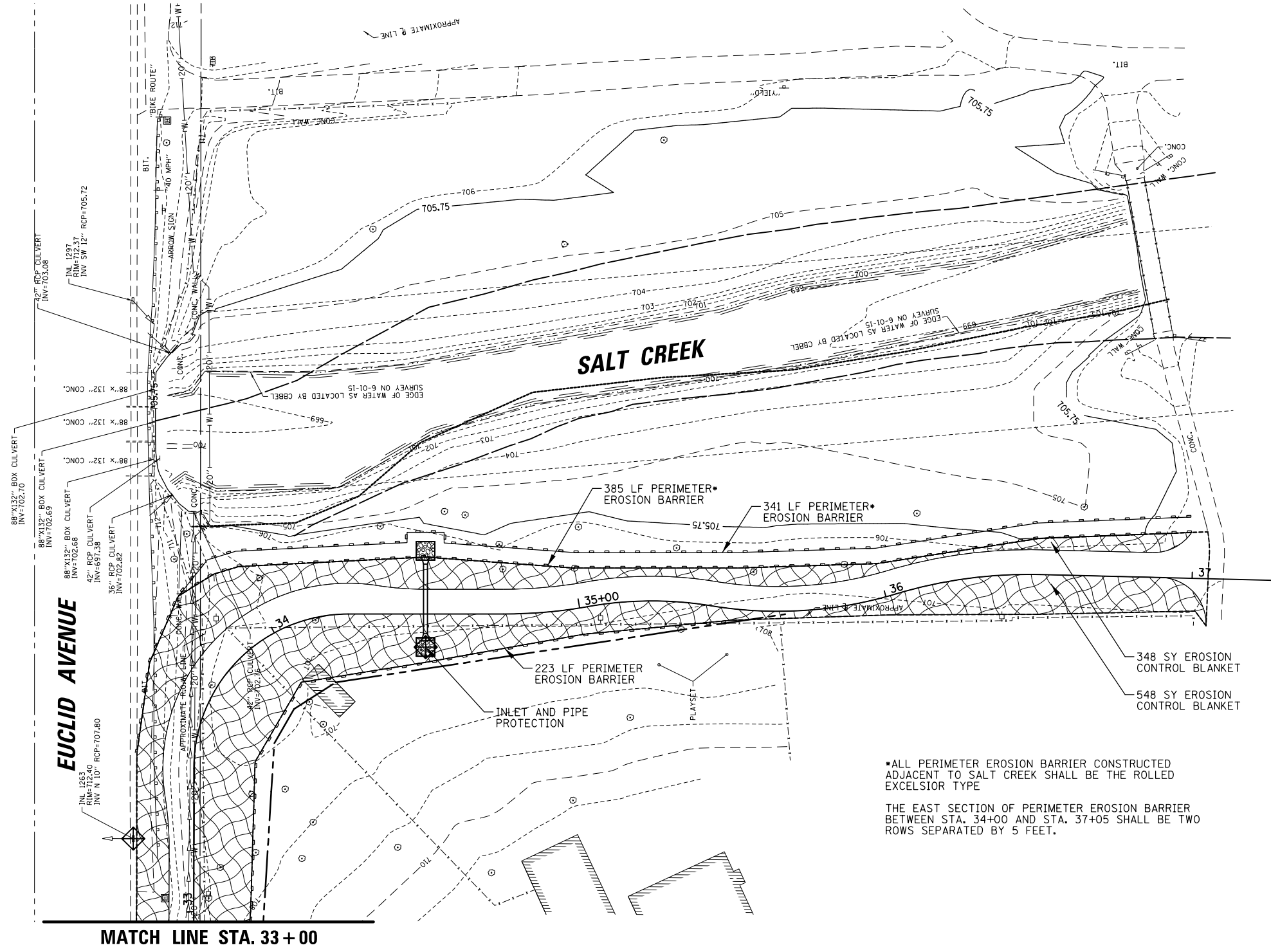






PLAN	SURVEYED	BY	DATE
	PLOTTED		
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	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



LEGEND	
	PERMANENT STABILIZATION (SEE LANDSCAPING PLANS FOR DETAILS)
	PERIMETER EROSION BARRIER (28000400)
	INLET PROTECTION (28000500)

•ALL PERIMETER EROSION BARRIER CONSTRUCTED ADJACENT TO SALT CREEK SHALL BE THE ROLLED EXCELSIOR TYPE

THE EAST SECTION OF PERIMETER EROSION BARRIER BETWEEN STA. 34+00 AND STA. 37+05 SHALL BE TWO ROWS SEPARATED BY 5 FEET.

MATCH LINE STA. 33 + 00

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL EUCLID AVENUE MULTI-USE PATH</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROLLINGMEADOWS\980361.BR\S\BR100\S\980361\BR187A\Civil\1\EC\98361BR187A_03.sht		DRAWN -	REVISED -			1292	15-00115-00-BT	COOK	57	25
Default	PLOT SCALE = 48"	CHECKED -	REVISED -			CONTRACT NO. 61E78				
	PLOT DATE = 5/31/2018	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

PART OF THE SOUTHWEST QUARTER OF SECTION 25, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
0001	0.423	0.079	N/A	0.344	N/A	02-25-300-020
0002	0.433	0.058	N/A	0.375	N/A	02-25-300-021

COORDINATE TABLE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007 ADJUSTMENT)				
PT#	STATION	OFFSET	NORTHING	EASTING
01	32+06.73	7.87 RT	1974916.20	1069595.83
02	33+87.28	20.04 LT	1974915.97	1069786.26
03	33+87.93	23.96 RT	1974885.64	1069754.39
04	33+62.74	24.72 RT	1974892.02	1069743.28
05	32+56.63	20.97 RT	1974898.14	1069643.47
06	32+06.10	12.83 RT	1974911.24	1069595.21
07	35+66.99	0.96 RT	1974726.44	1069785.12
08	34+17.66	21.86 RT	1974872.16	1069763.00

**LEGEND**

SECTION / QUARTER SECTION LINE  
 PLATTED LOT LINES  
 PROPERTY (DEED) LINE  
 APPARENT PROPERTY LINE  
 EXISTING CENTERLINE  
 PROPOSED CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 EXISTING EASEMENT  
 PROPOSED EASEMENT  
 AC EXISTING ACCESS CONTROL LINE  
 AC PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION  
 COMPUTED DIMENSION  
 RECORDED DIMENSION  
 EXISTING BUILDING

129.32'  
 129.32' (COMP)  
 (129.32')

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET  
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

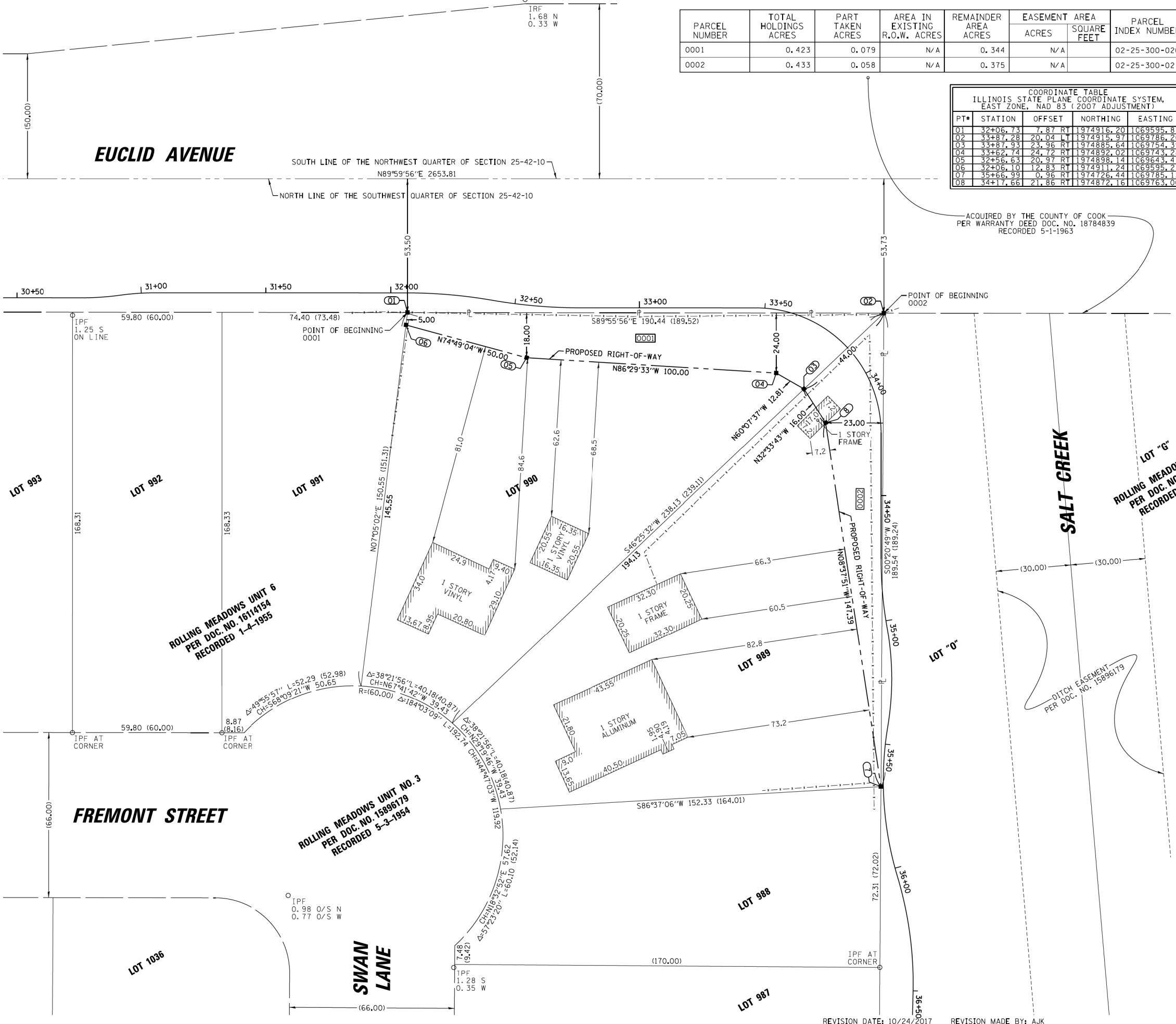
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)  
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
 )SS  
 COUNTY OF COOK )

GRAPHIC SCALE  
 FEET  
 0 20  
 SCALE: 1" = 20'



THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 25, TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS \_\_\_ DAY OF \_\_\_\_\_ 20\_\_ A. D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240  
 LICENSE EXPIRATION DATE: 11-30-2018

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**NOTE:**

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999983281.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

CONTRACT NO. 61E78

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 EUCLID AVENUE

LIMITS: ROHLWING RD TO SALT CREEK COUNTY: COOK  
 SECTION: 15-00115-00BT JOB NO.: R-55-001-97  
 STA. 30+50.00 TO STA. 36+50.00  
 SCALE: 1" = 20' SHEET 26 OF 57 SHEETS

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

**IDOT USE ONLY**

N:\ROLLINGMEADOWS\980361.BR\98100\98361BR17A\Survey\hw\980361BR17A-3.sur

# TRAFFIC SIGNAL LEGEND

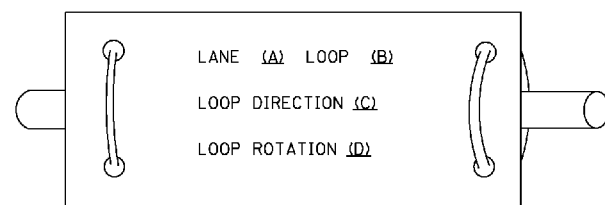
(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

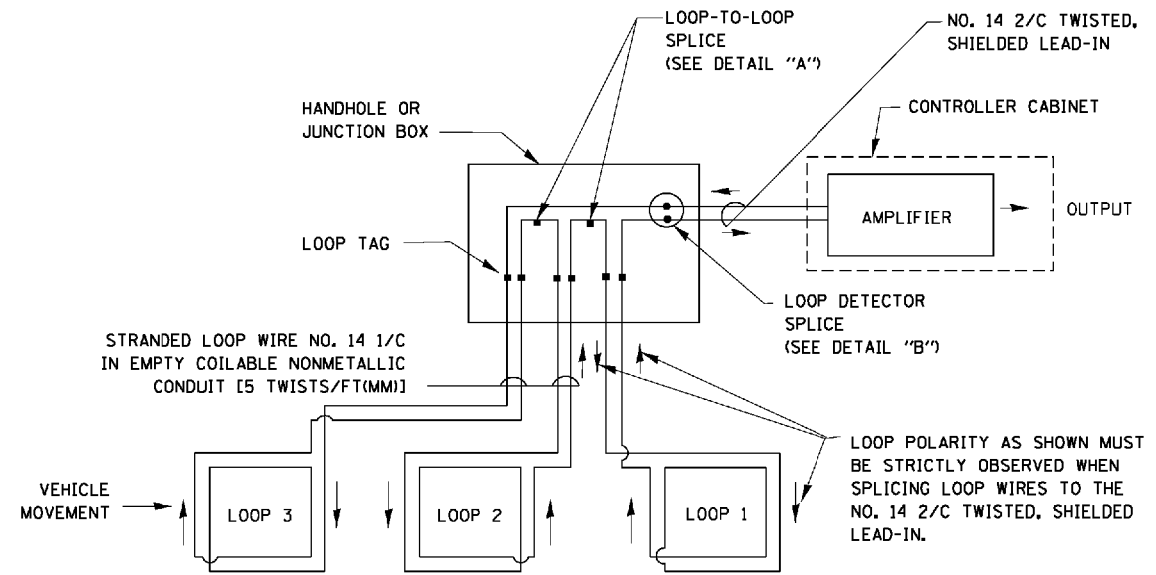
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

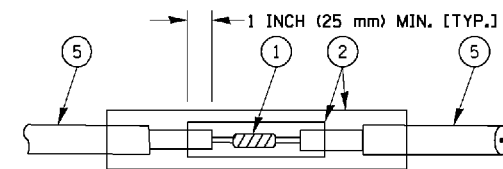


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

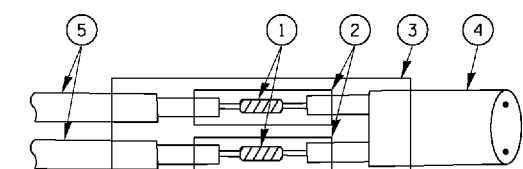


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

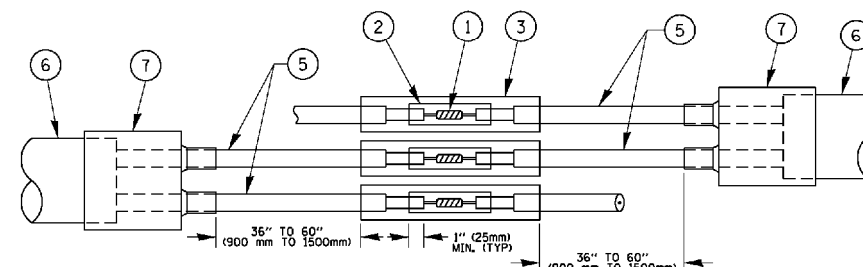


DETAIL "A"  
LOOP-TO-LOOP SPLICE

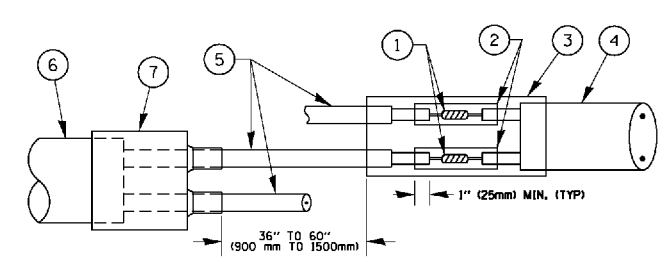


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

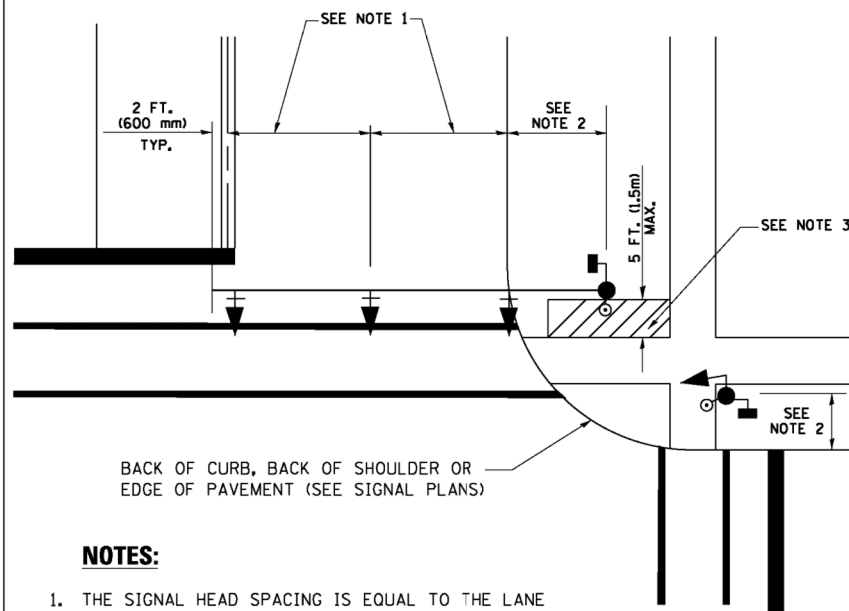
**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PREFORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. ~~TYPE CBR 2 OR APPROVED EQUAL~~

FILE NAME =	USER NAME = faotemj	DESIGNED - DAD	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		F.A.U. RTE. 1257	SECTION 15-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 28	
ea:\pwwork\pwwork\faotemj\00188315\ts05.dgn		DRAWN - BCK	REVISED -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.	<b>TS-05</b>		CONTRACT NO. 61E78		
		CHECKED - DAD	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 10-28-09	REVISED -									

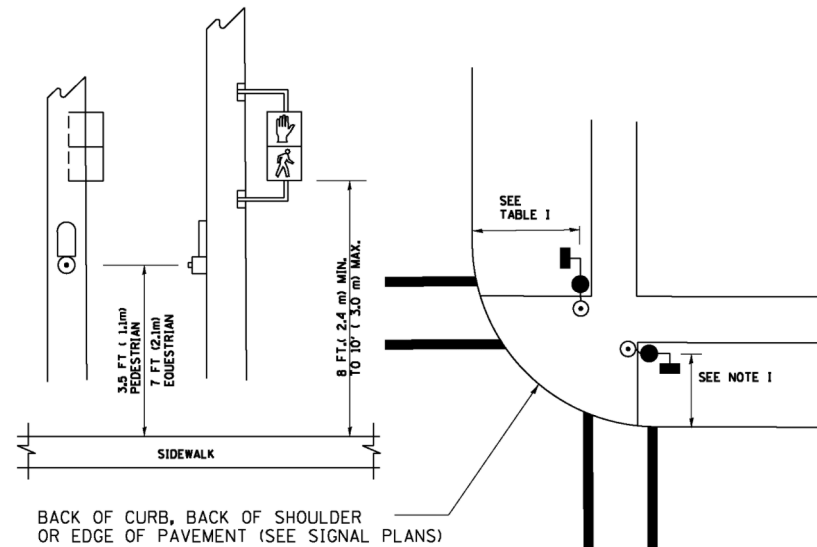
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST  
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR  
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN  
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

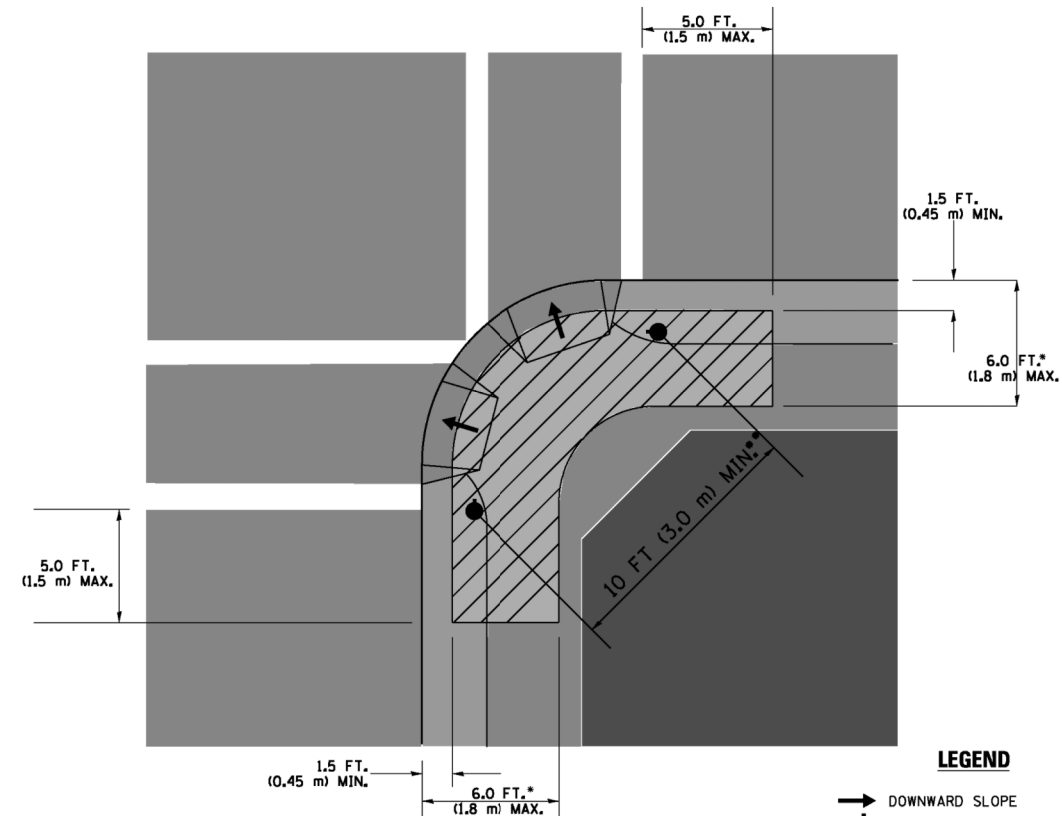
**PEDESTRIAN SIGNAL POST  
AND  
PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

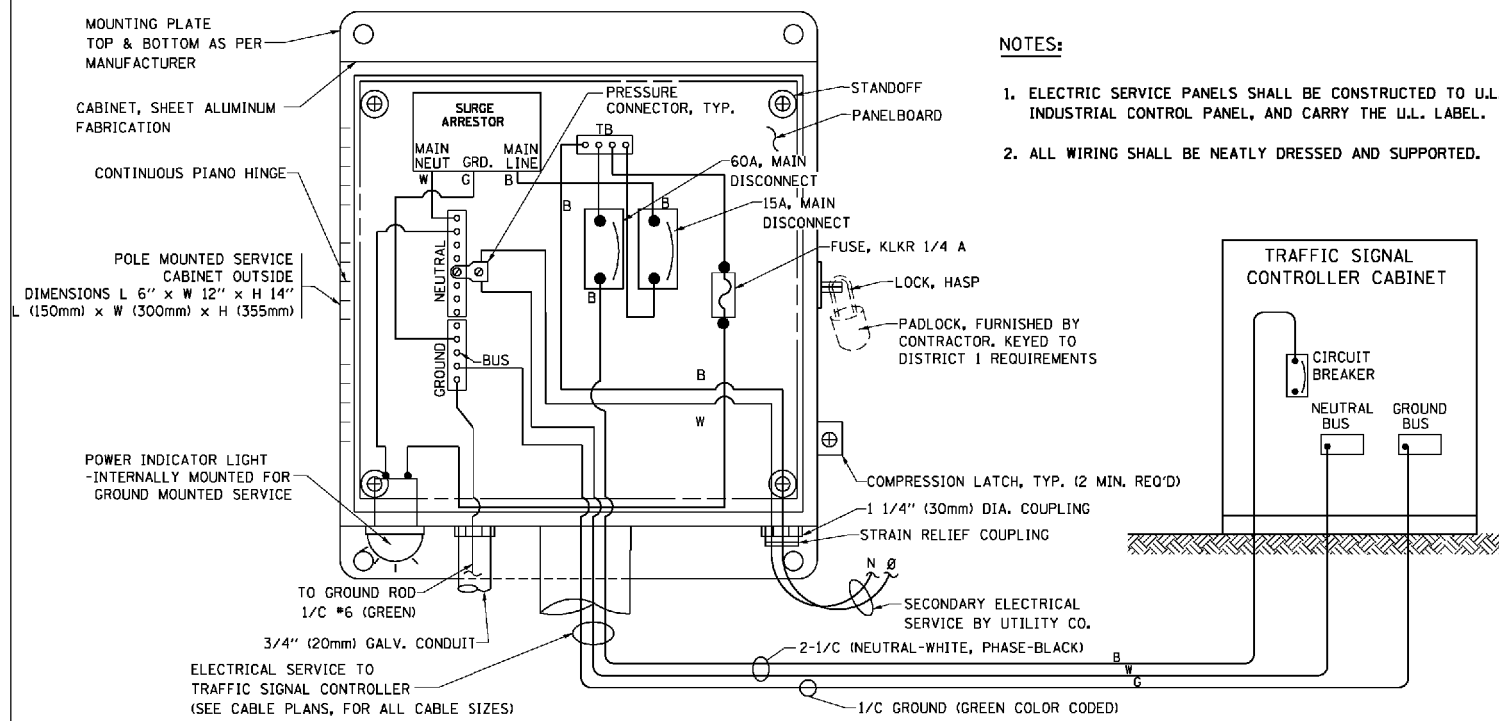
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

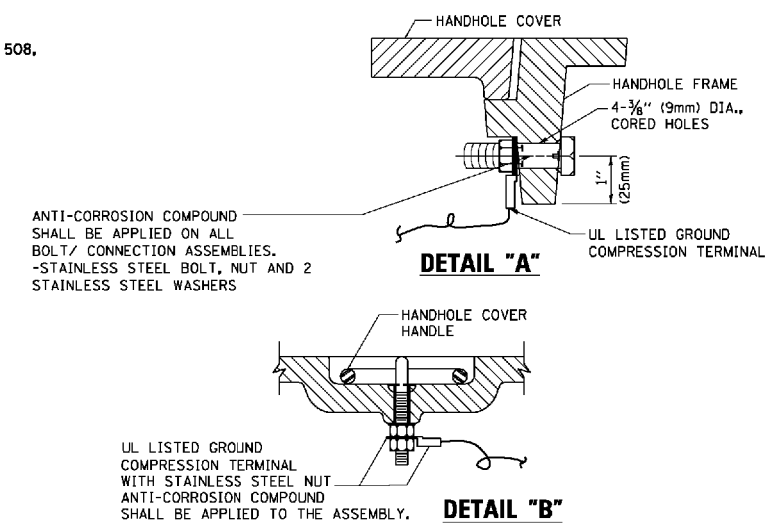
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

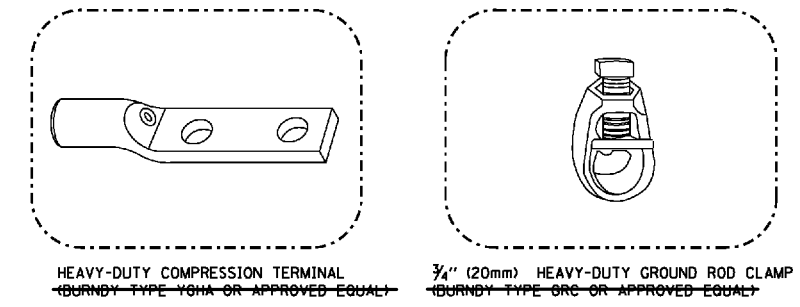
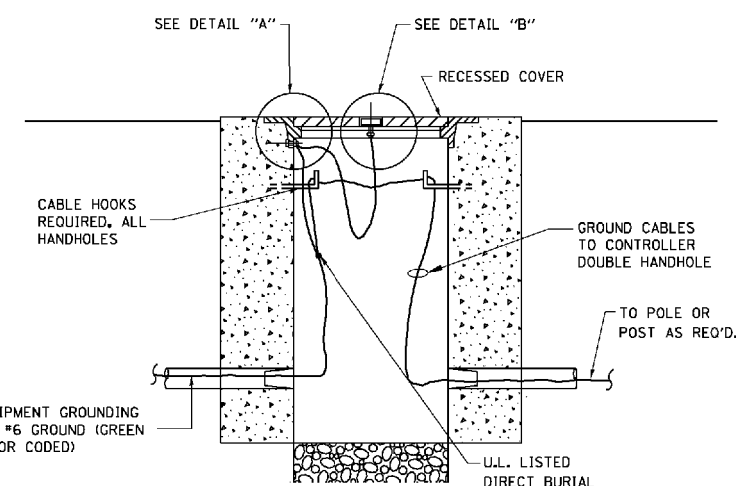


**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)

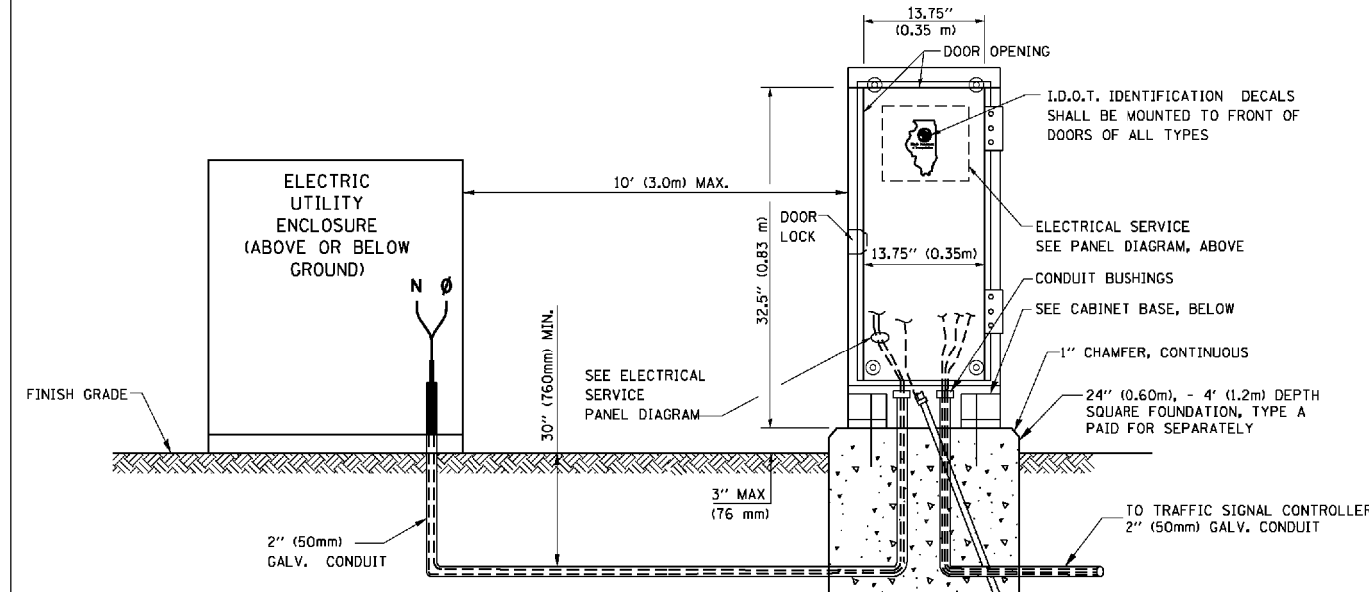
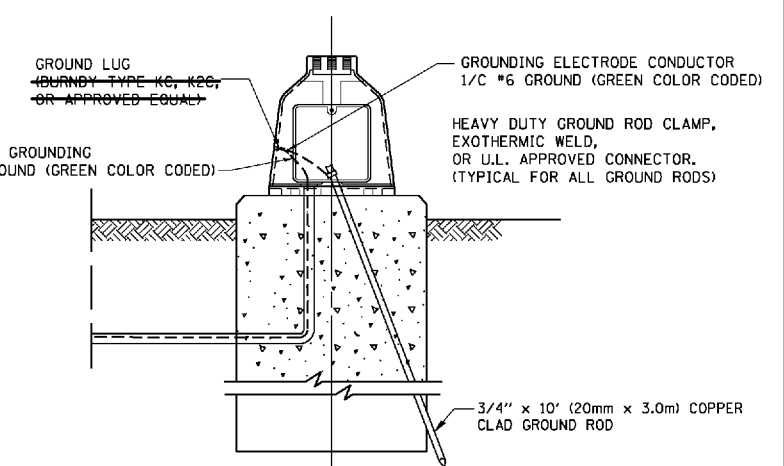
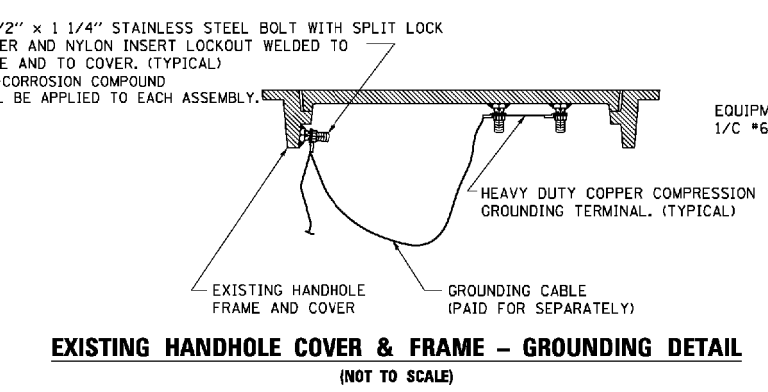


**NOTES:**  
**GROUNDING SYSTEM**

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

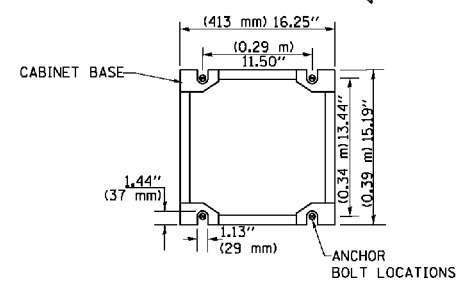


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

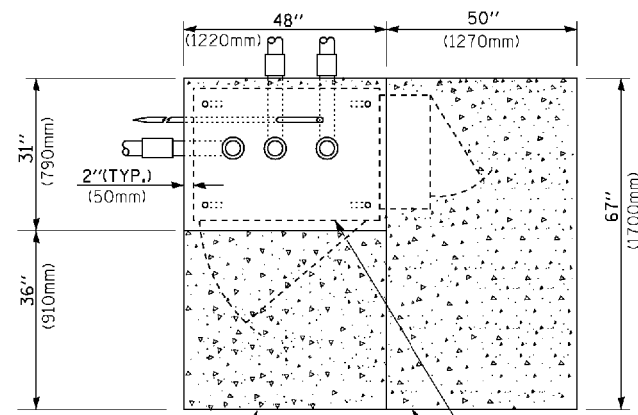


**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)

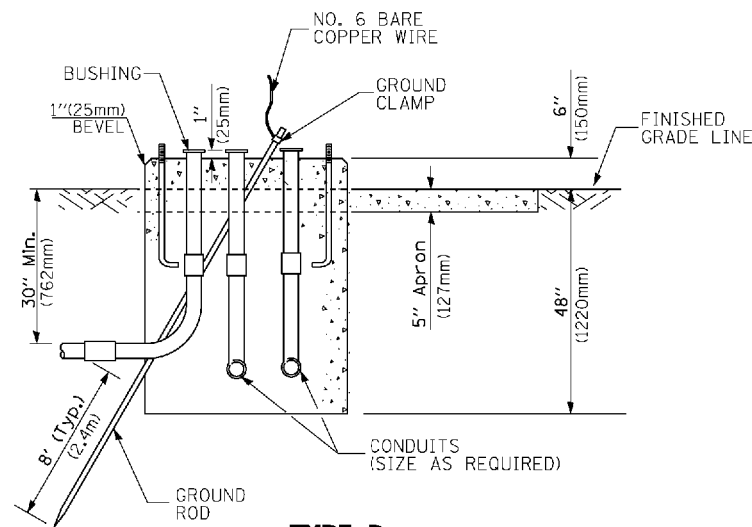
**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)



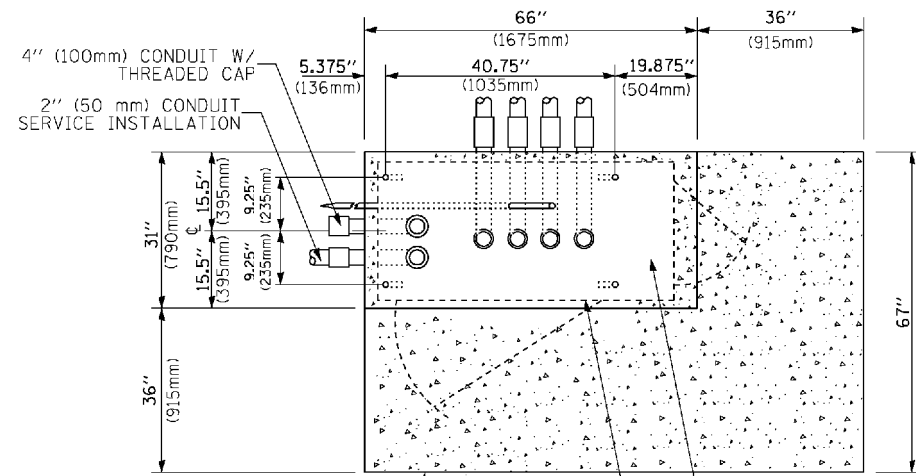
FILE NAME =	USER NAME = faotemj	DESIGNED - DAD	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE</b>		F.A.U. R.T.E. = 1257	SECTION = 15-00115-00-BT	COUNTY = COOK	TOTAL SHEETS = 57	SHEET NO. = 30
DRAWN - BCK		CHECKED - DAD	REVISOR -		<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		<b>TS-05</b>		CONTRACT NO. = 61E78		
PLOT SCALE = 5/8" = 1' / in.		DATE = 10-28-09	REVISOR -		SCALE: NONE	SHEET NO. 4 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/13/2014											



**TOP VIEW**

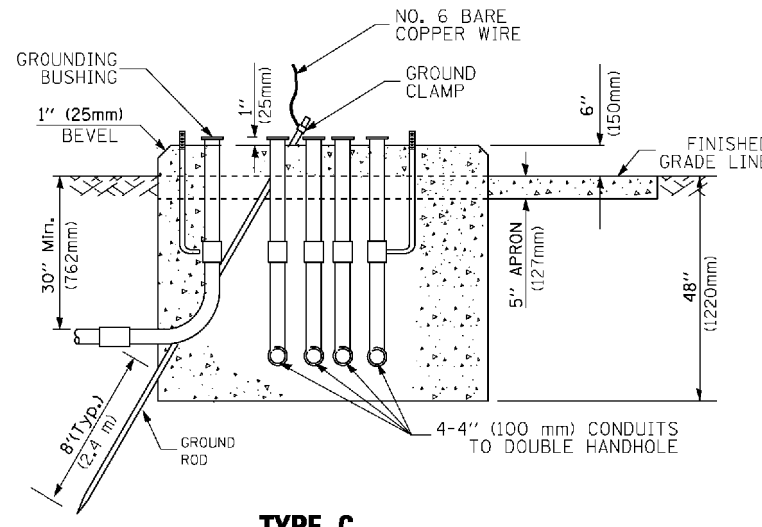


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

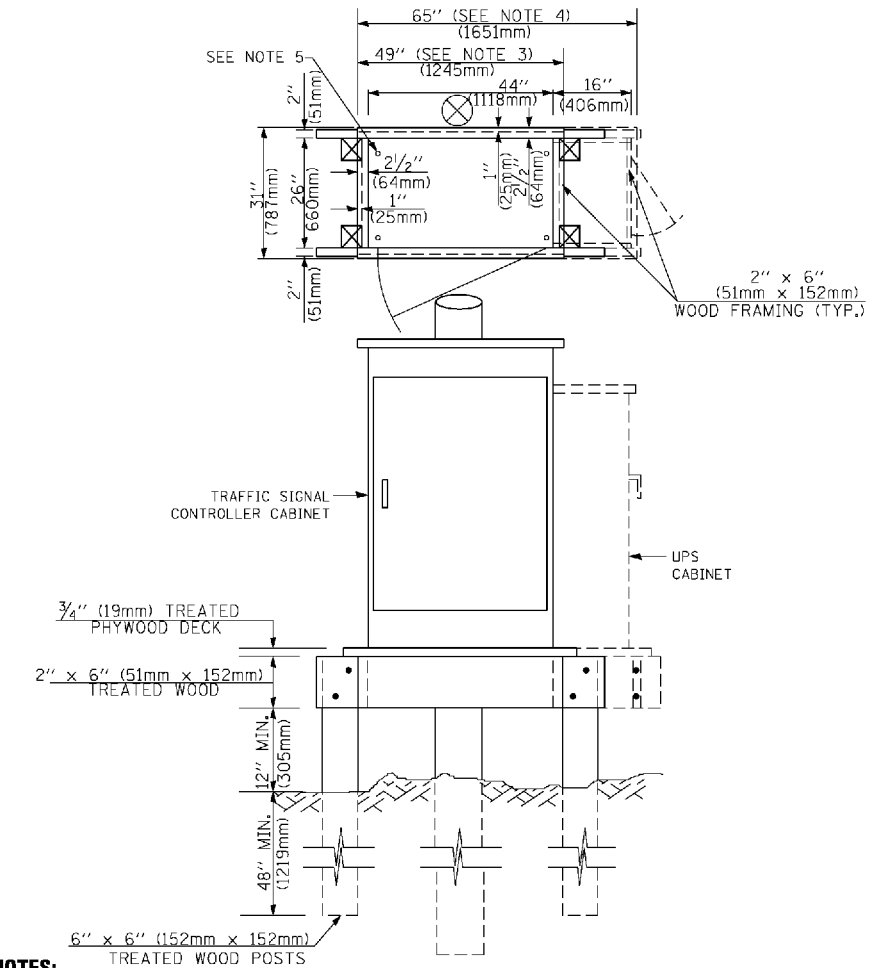


**TOP VIEW**

**NOTE:**  
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

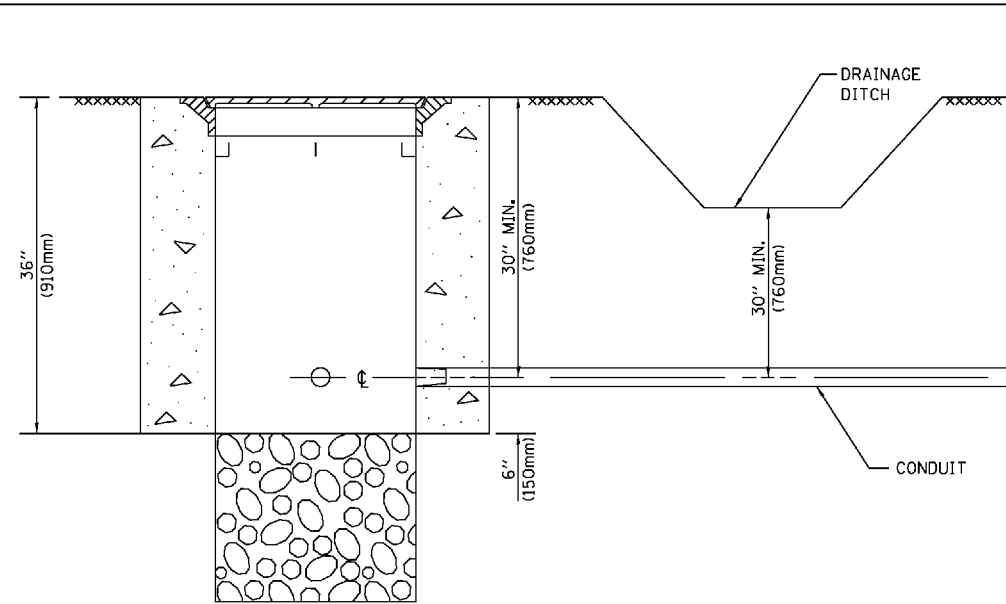
**DEPTH OF FOUNDATION**

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (UCS) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

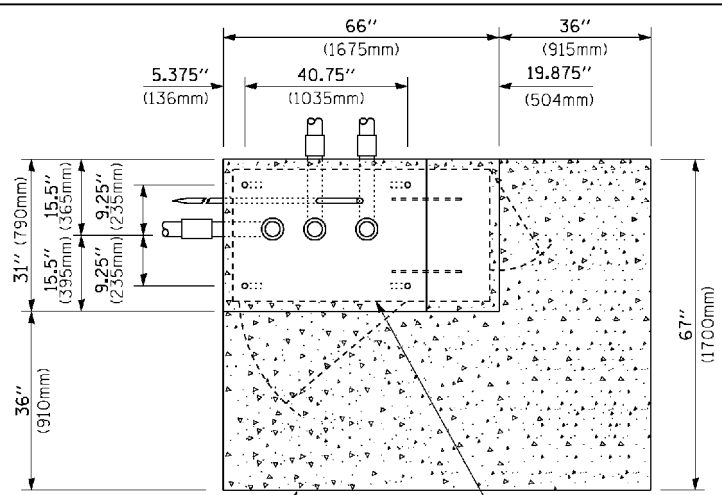
**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**



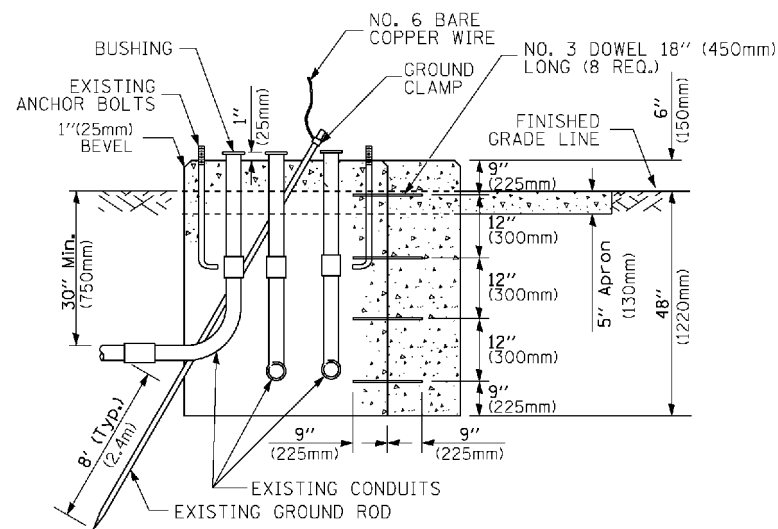
**NOTES:**

- CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
- THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
- THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



**TOP VIEW**  
(NOT TO SCALE)

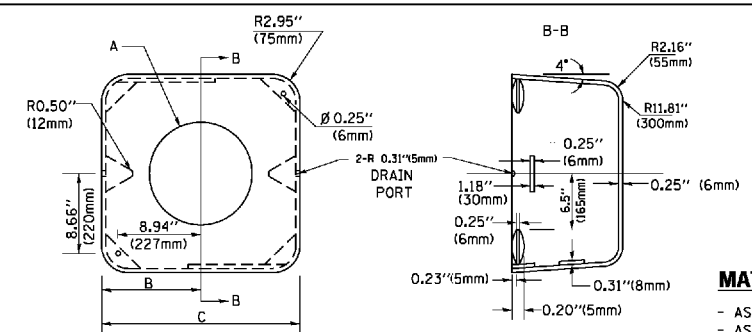


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

**NOTES:**

- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
- ITEM #1- OZ/GEDNEY PSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
- WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**MATERIAL:**  
- ASTM A36 STEEL  
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

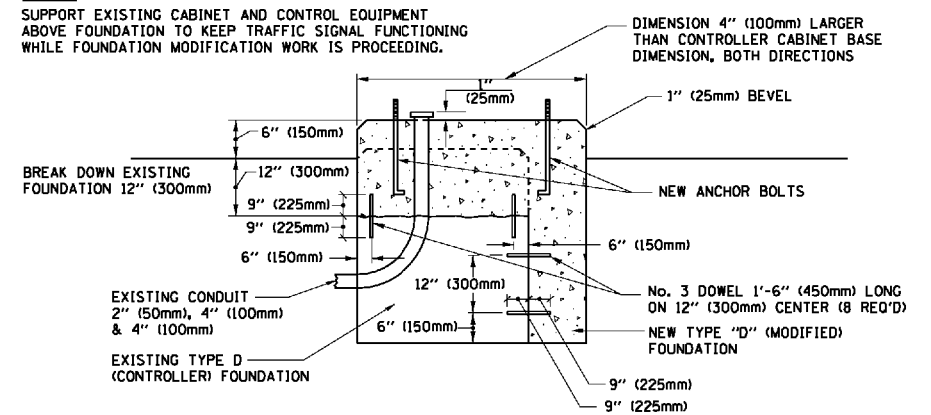
**SHROUD**

**NOTES:**

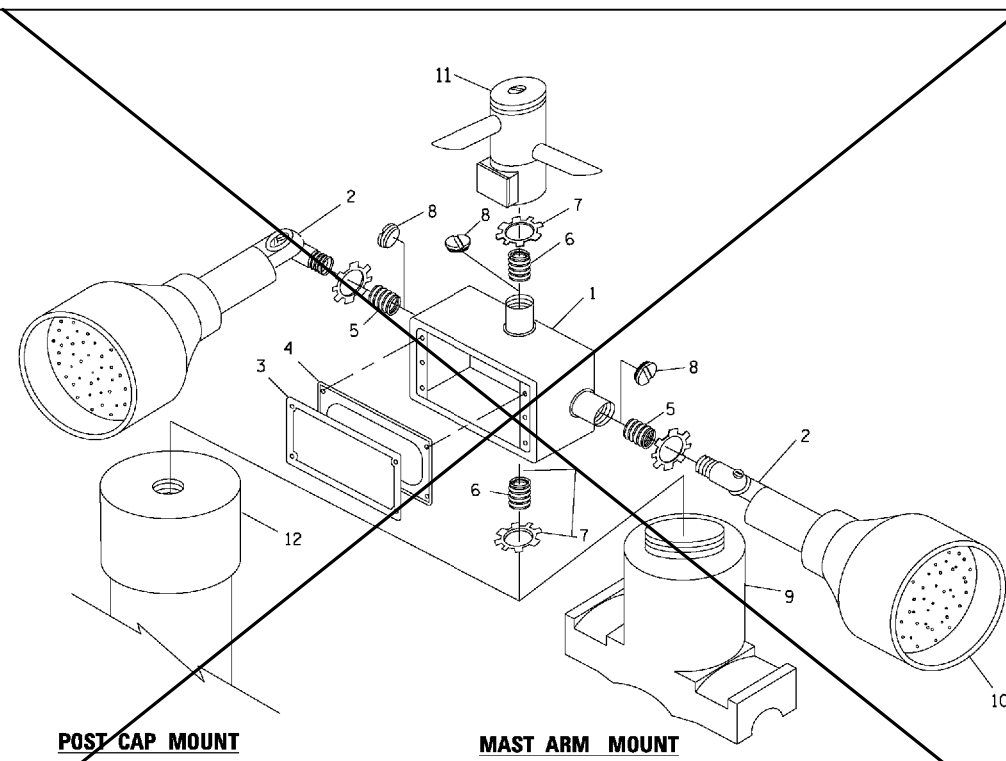
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



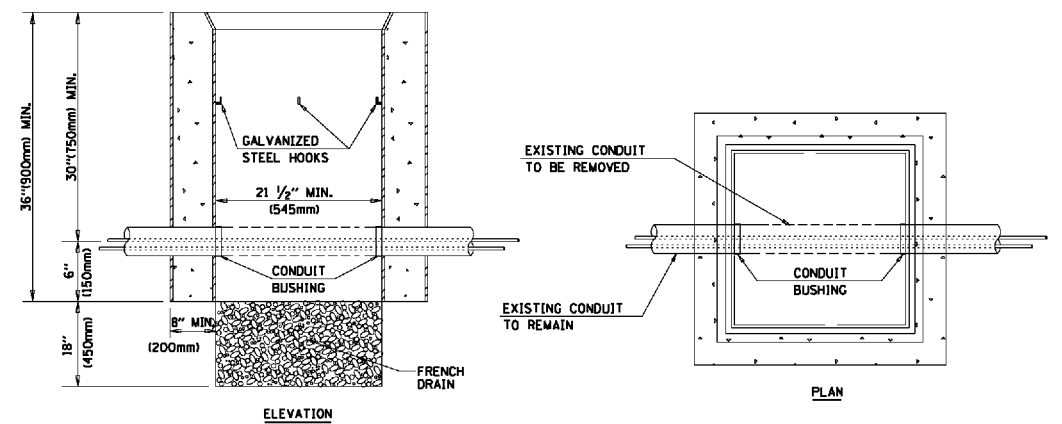
**MODIFY EXISTING TYPE "D" FOUNDATION**



**POST CAP MOUNT**

**MAST ARM MOUNT**

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



**NOTES:**

- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
- REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

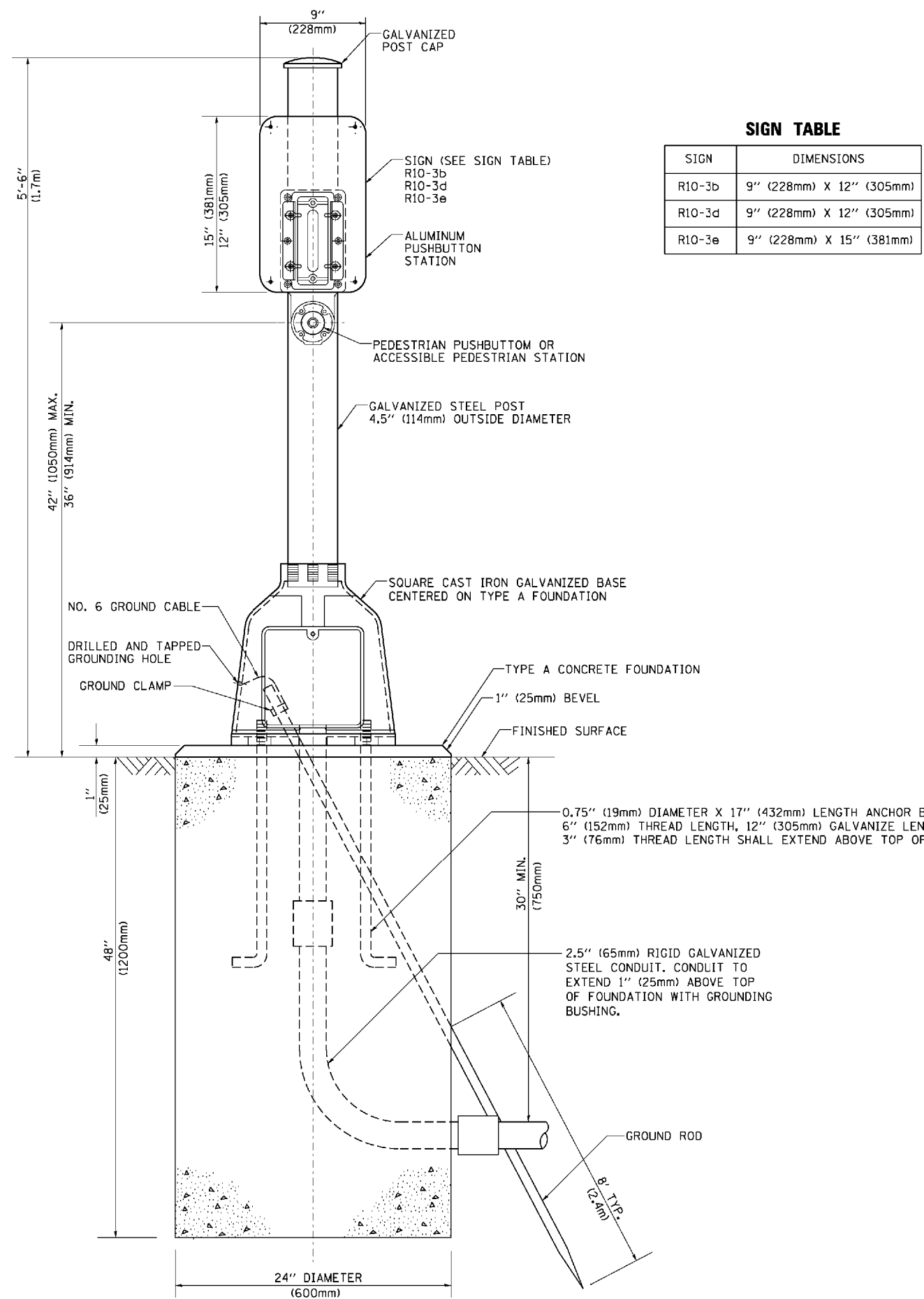
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ca:\pwwork\pwwork\faotemj\00188315\ts05.dgn		DRAWN - BCK	REVISED -
		CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.

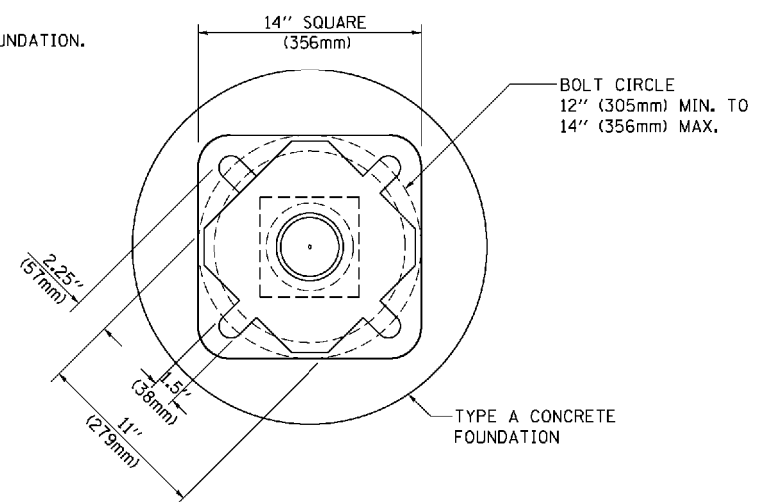
F.A.U. RTE. 1257	SECTION 15-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 32
TS-05		CONTRACT NO. 61E78	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	





**SIGN TABLE**

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



**BOLT PATTERN**

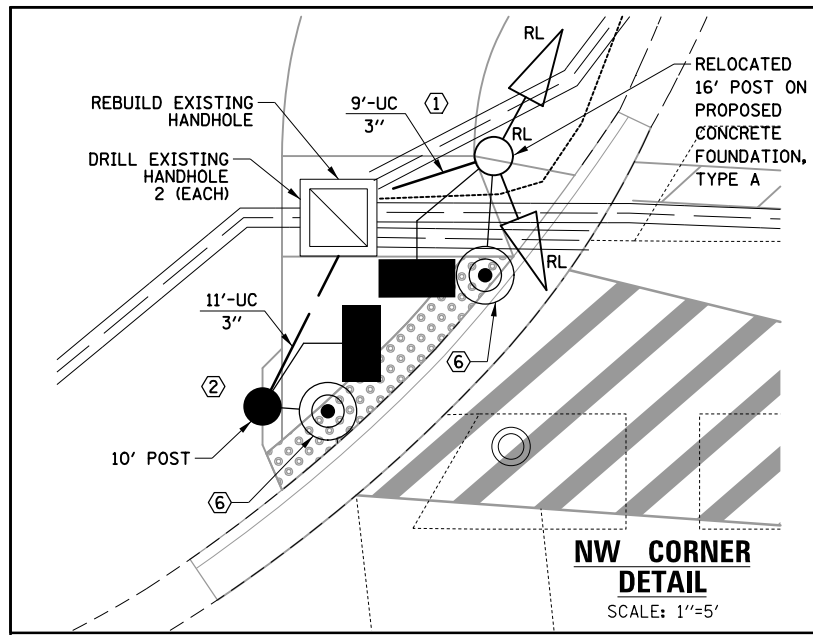
**PEDESTRIAN PUSH BUTTON POST, TYPE A**

FILE NAME =	USER NAME = faatemj	DESIGNED - DAG	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\faatemj\00108315\ts05.dgn	DRAWN - GND	REVISED -	1257			15-00115-00-BT	COOK	57	33	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -	<b>TS-05</b>			CONTRACT NO.	61E78			
PLOT DATE = 1/13/2014	DATE - 10/1/2012	REVISED -	SCALE: NONE			SHEET NO. 7 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



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GRADES CHECKED	
STRUCTURE	
NOTATION	
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PROFILE	
NOTE BOOK	
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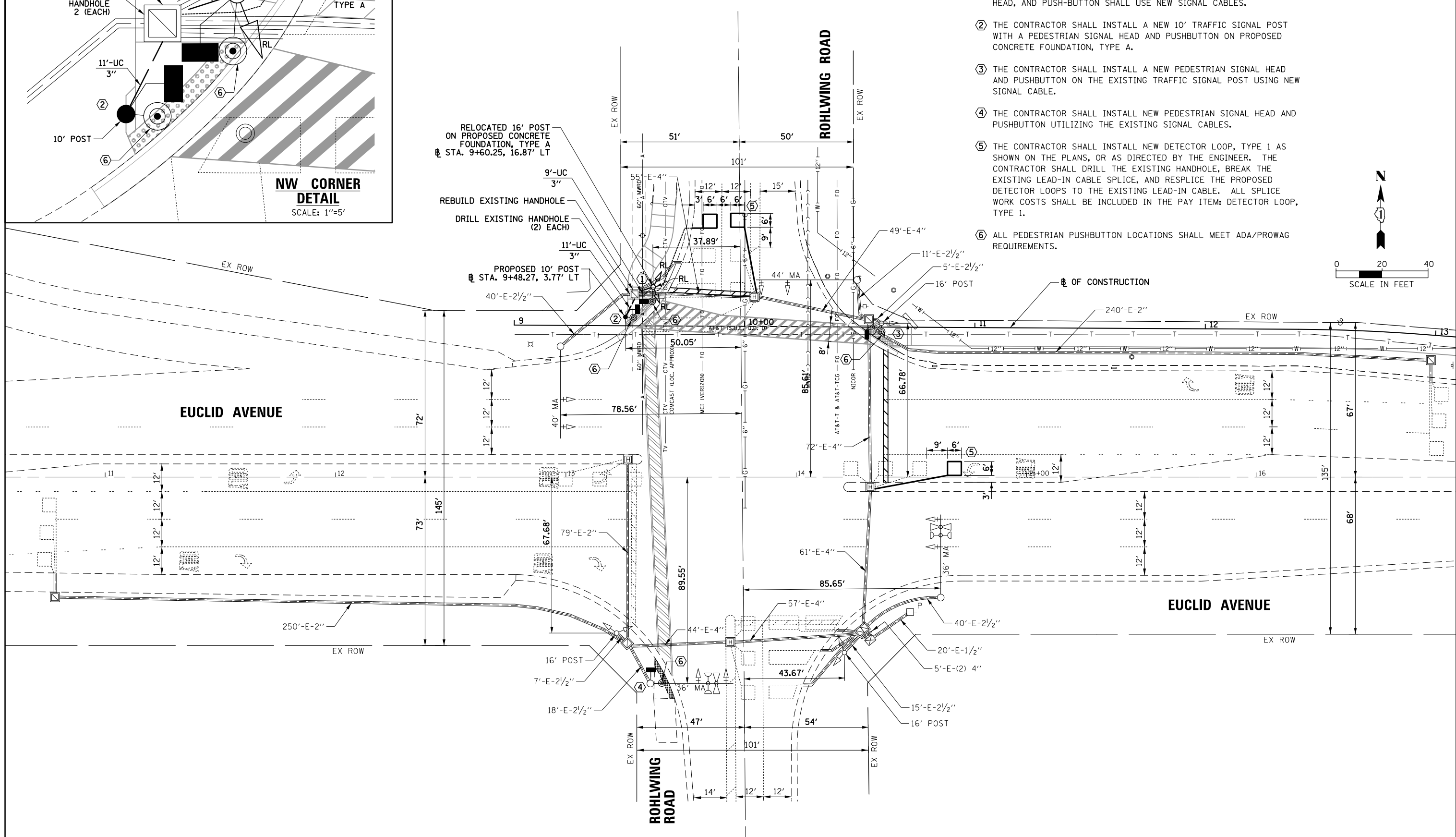


RELOCATED 16' POST ON PROPOSED CONCRETE FOUNDATION, TYPE A  
STA. 9+60.25, 16.87' LT

REBUILD EXISTING HANDHOLE

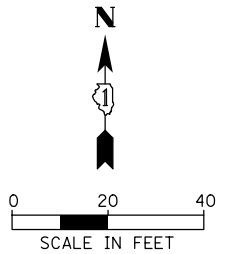
DRILL EXISTING HANDHOLE (2) EACH

PROPOSED 10' POST  
STA. 9+48.27, 3.77' LT



**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING TRAFFIC SIGNAL POST ONTO A NEW CONCRETE FOUNDATION, TYPE A, AS SHOWN ON THE PLANS. THE RELOCATED SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, AND PUSH-BUTTON SHALL USE NEW SIGNAL CABLES.
- ② THE CONTRACTOR SHALL INSTALL A NEW 10' TRAFFIC SIGNAL POST WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ON PROPOSED CONCRETE FOUNDATION, TYPE A.
- ③ THE CONTRACTOR SHALL INSTALL A NEW PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ON THE EXISTING TRAFFIC SIGNAL POST USING NEW SIGNAL CABLE.
- ④ THE CONTRACTOR SHALL INSTALL NEW PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON UTILIZING THE EXISTING SIGNAL CABLES.
- ⑤ THE CONTRACTOR SHALL INSTALL NEW DETECTOR LOOP, TYPE 1 AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DRILL THE EXISTING HANDHOLE, BREAK THE EXISTING LEAD-IN CABLE SPLICE, AND RESPLICE THE PROPOSED DETECTOR LOOPS TO THE EXISTING LEAD-IN CABLE. ALL SPLICE WORK COSTS SHALL BE INCLUDED IN THE PAY ITEM: DETECTOR LOOP, TYPE 1.
- ⑥ ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.

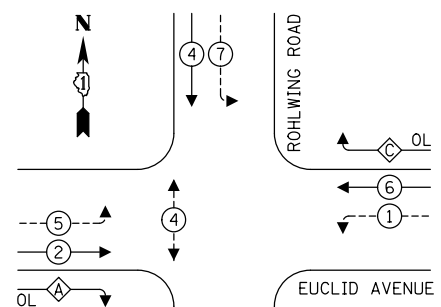


FILE NAME =	USER NAME = jstrick	DESIGNED - EAJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODIFICATION PLAN EUCLID AVENUE AND ROHLWING ROAD ROLLING MEADOWS, ILLINOIS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROLLINGMEADOWS\980361.BR\BR100\980361BR187A\Traffic\Rohlwing_MOD-BR187A.dgn		DRAWN - FPB	REVISED -		1257	15-00115-00-BT	COOK	57	35				
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -		CONTRACT NO. 61E78				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/31/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

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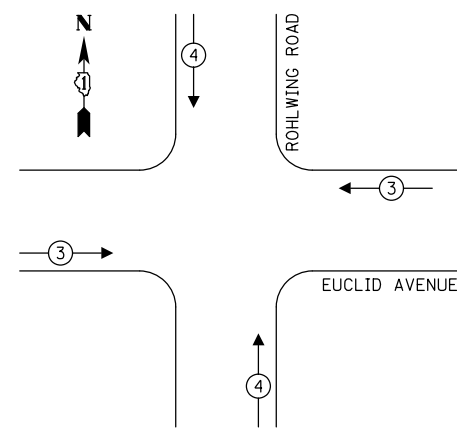
**EXISTING CONTROLLER SEQUENCE**



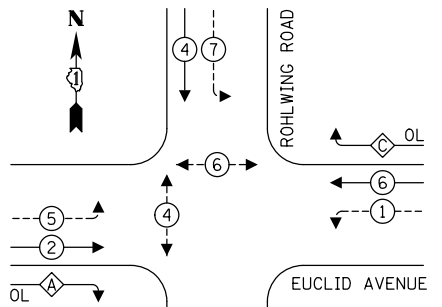
**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED CONTROLLER SEQUENCE**

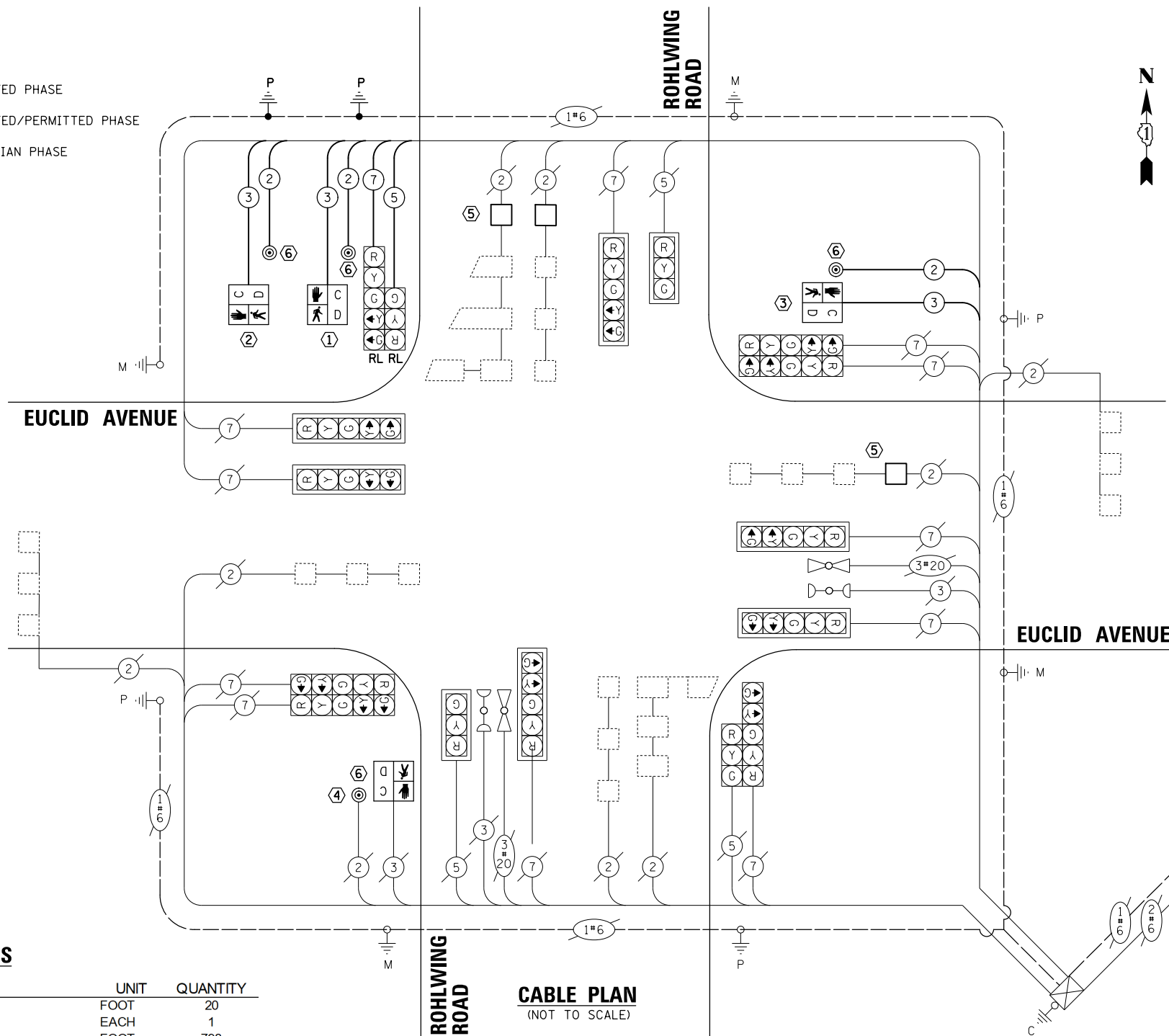


**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7

**LEGEND:**

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ ← PROTECTED/PERMITTED PHASE
- ← ⊙ ← PEDESTRIAN PHASE
- ← ⊙ ← OL OVERLAP



**CABLE PLAN (NOT TO SCALE)**

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING TRAFFIC SIGNAL POST ONTO A NEW CONCRETE FOUNDATION, TYPE A, AS SHOWN ON THE PLANS. THE RELOCATED SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, AND PUSH-BUTTON SHALL USE NEW SIGNAL CABLES.
- ② THE CONTRACTOR SHALL INSTALL A NEW 10' TRAFFIC SIGNAL POST WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ON PROPOSED CONCRETE FOUNDATION, TYPE A.
- ③ THE CONTRACTOR SHALL INSTALL A NEW PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ON THE EXISTING TRAFFIC SIGNAL POST USING NEW SIGNAL CABLE.
- ④ THE CONTRACTOR SHALL INSTALL NEW PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON UTILIZING THE EXISTING SIGNAL CABLES.
- ⑤ THE CONTRACTOR SHALL INSTALL NEW DETECTOR LOOP, TYPE 1 AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DRILL THE EXISTING HANDHOLE, BREAK THE EXISTING LEAD-IN CABLE SPLICE, AND RESPLICE THE PROPOSED DETECTOR LOOPS TO THE EXISTING LEAD-IN CABLE. ALL SPLICE WORK COSTS SHALL BE INCLUDED IN THE PAY ITEM: DETECTOR LOOP, TYPE 1.
- ⑥ ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	20
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	798
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	819
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	313
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	313
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	51
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
DETECTOR LOOP, TYPE I	FOOT	138
PEDESTRIAN PUSH-BUTTON	EACH	4
RELOCATE EXISTING SIGNAL HEAD	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1263
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
SIGNAL TIMING	L SUM	0.5

<b>LOCATION: EUCLID AVENUE AND ROHLWING ROAD</b>				
<b>COOK COUNTY</b>				
<b>DEPARTMENT OF TRANSPORTATION AND HIGHWAYS</b>				
<b>TRAFFIC SIGNAL INSTALLATION</b>				
<b>ELECTRICAL SERVICE REQUIREMENTS</b>				
TYPE	NO. LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
CONTROLLER	1	100	1.00	100.00
VEHICLE DET.	8	5	1.00	40.00
PED. SIGNAL	4	25	1.00	100.00
12" SIGNAL (RED)	16	17	0.50	136.00
(YELLOW)	16	25	0.05	20.00
(GREEN)	16	15	0.45	108.00
(ARROW)	12	12	0.10	14.40
<b>TOTAL =</b>				<b>518.40</b>
<b>ENERGY COST TO:</b>		<b>ENERGY COST SHARE:</b>		
COOK COUNTY BUREAU OF ADMINISTRATION		COOK COUNTY: 50%		
118 N. CLARK STREET, ROOM 801				
CHICAGO, IL 60602				
TOWER ACCOUNT NO. 2207140021				
SUPPLEMENT NO. NC150378				
Village of Rolling Meadows		ROLLING MEADOWS: 50%		
3900 Berdick Street				
Rolling Meadows, IL 60008				
<b>ENERGY SUPPLY CONTACT:</b> ComEd		<b>EFFECTIVE DATE:</b>		
PHONE: (866)639-3532		TO BE DETERMINED		
COMPANY: ComEd				

FILE NAME =	USER NAME = jstrick
N:\ROLLINGMEADOWS\980361.BR\BR100\980361BR187A\Traffic\Rohlwing_CAB-BR187A.dgn	
Default	PLOT DATE = 5/31/2018

DESIGNED - EAJ	REVISED -
DRAWN - FPB	REVISED -
CHECKED - GMZ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES</b>			
<b>EUCLID AVENUE AND ROHLWING ROAD</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	36
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		

**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

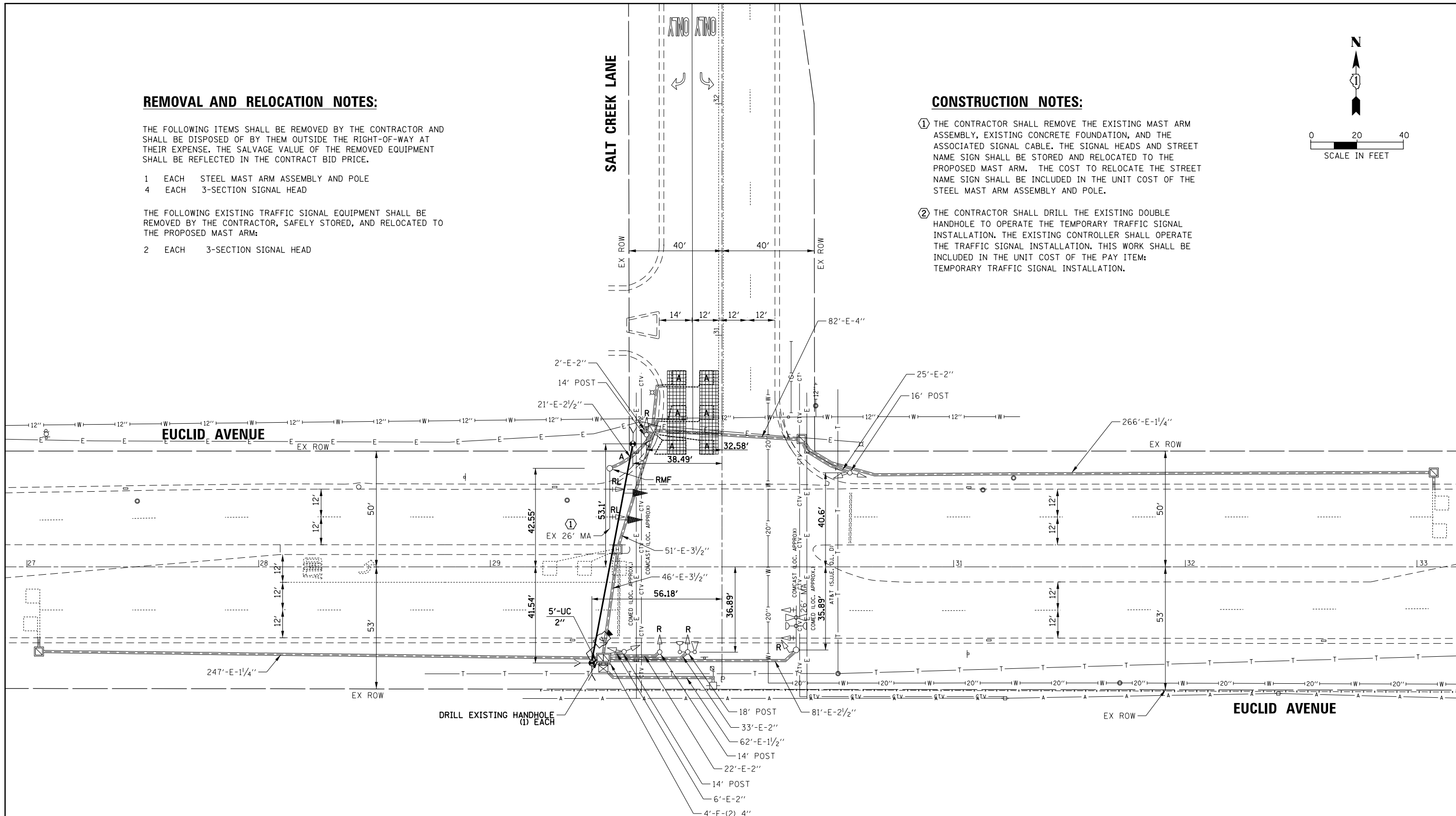
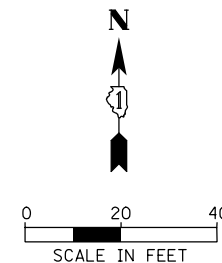
- 1 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH 3-SECTION SIGNAL HEAD

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED MAST ARM:

- 2 EACH 3-SECTION SIGNAL HEAD

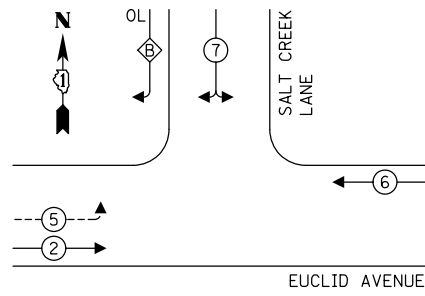
**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING MAST ARM ASSEMBLY, EXISTING CONCRETE FOUNDATION, AND THE ASSOCIATED SIGNAL CABLE. THE SIGNAL HEADS AND STREET NAME SIGN SHALL BE STORED AND RELOCATED TO THE PROPOSED MAST ARM. THE COST TO RELOCATE THE STREET NAME SIGN SHALL BE INCLUDED IN THE UNIT COST OF THE STEEL MAST ARM ASSEMBLY AND POLE.
- ② THE CONTRACTOR SHALL DRILL THE EXISTING DOUBLE HANDHOLE TO OPERATE THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE EXISTING CONTROLLER SHALL OPERATE THE TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCLUDED IN THE UNIT COST OF THE PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.



FILE NAME =	USER NAME = jstrick	DESIGNED - EAJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN EUCLID AVENUE AND SALT CREEK LANE ROLLING MEADOWS, ILLINOIS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	1257	15-00115-00-BT	COOK		57	37							
	CONTRACT NO. 61E78				ILLINOIS FED. AID PROJECT								
	SCALE:	SHEET	OF		SHEETS	STA.	TO	STA.					

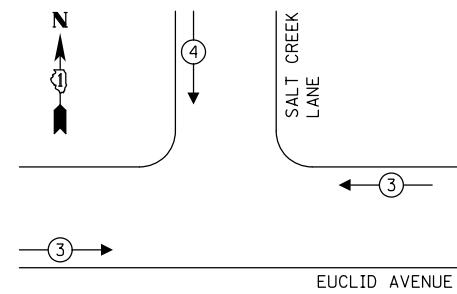
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - - ⊙ → PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL → OVERLAP

**EXISTING EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**

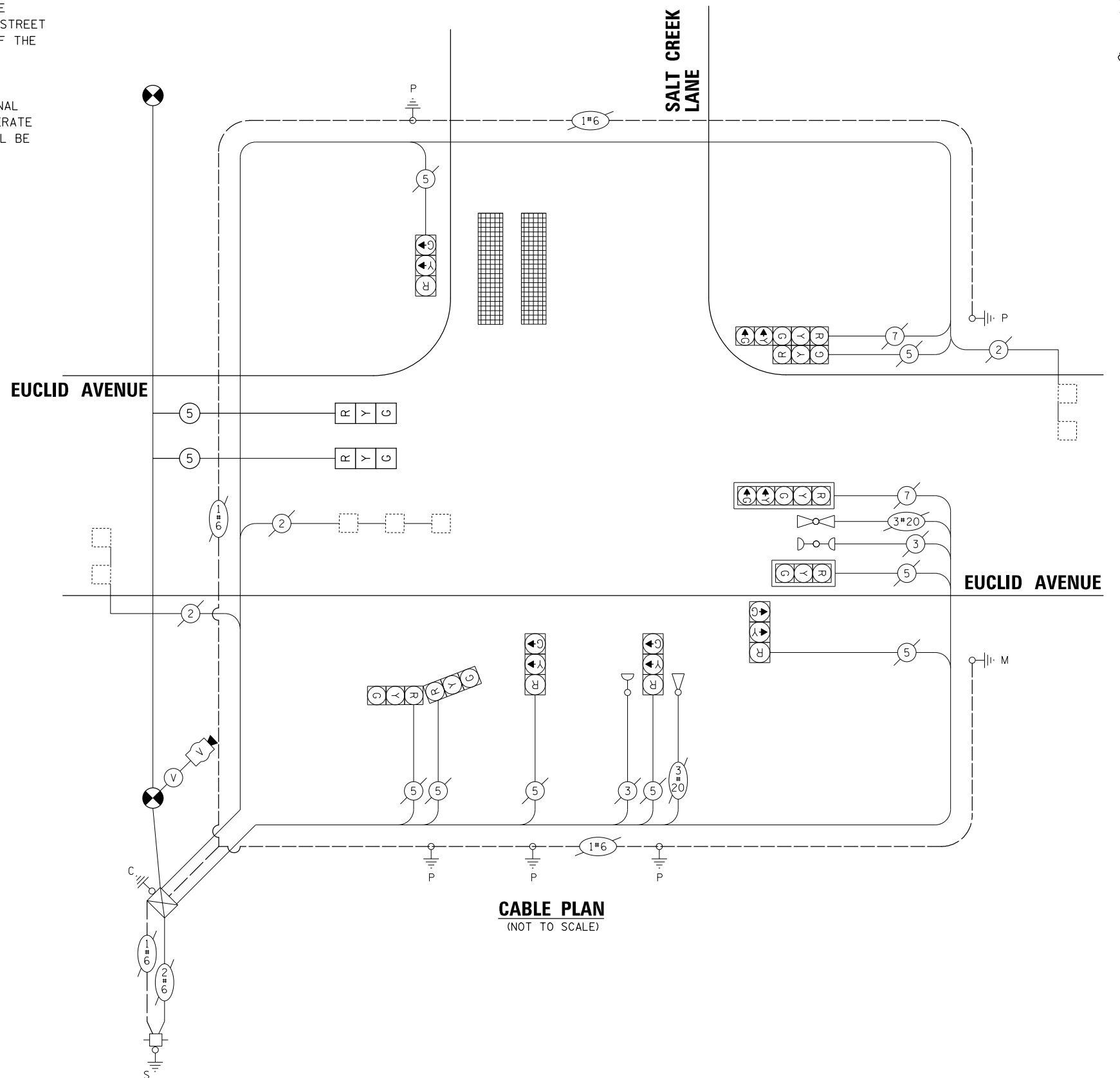


**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING MAST ARM ASSEMBLY, EXISTING CONCRETE FOUNDATION, AND THE ASSOCIATED SIGNAL CABLE. THE SIGNAL HEADS AND STREET NAME SIGN SHALL BE STORED AND RELOCATED TO THE PROPOSED MAST ARM. THE COST TO RELOCATE THE STREET NAME SIGN SHALL BE INCLUDED IN THE UNIT COST OF THE STEEL MAST ARM ASSEMBLY AND POLE.
- ② THE CONTRACTOR SHALL DRILL THE EXISTING DOUBLE HANDHOLE TO OPERATE THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE EXISTING CONTROLLER SHALL OPERATE THE TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCLUDED IN THE UNIT COST OF THE PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	



**CABLE PLAN**  
(NOT TO SCALE)

FILE NAME =	USER NAME = jstrick	DESIGNED - EAJ	REVISED -
\\CBBELSRVRI\cbbeldf\ROLLINGMEADOWS\980361.BR\BR100\98361BR187A\Traffic\Salt C		DRAWN-BR187A.dgn.FPB	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 5/31/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

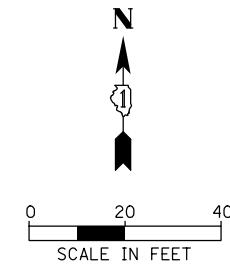
**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
EUCLID AVENUE AND SALT CREEK LANE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	38
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

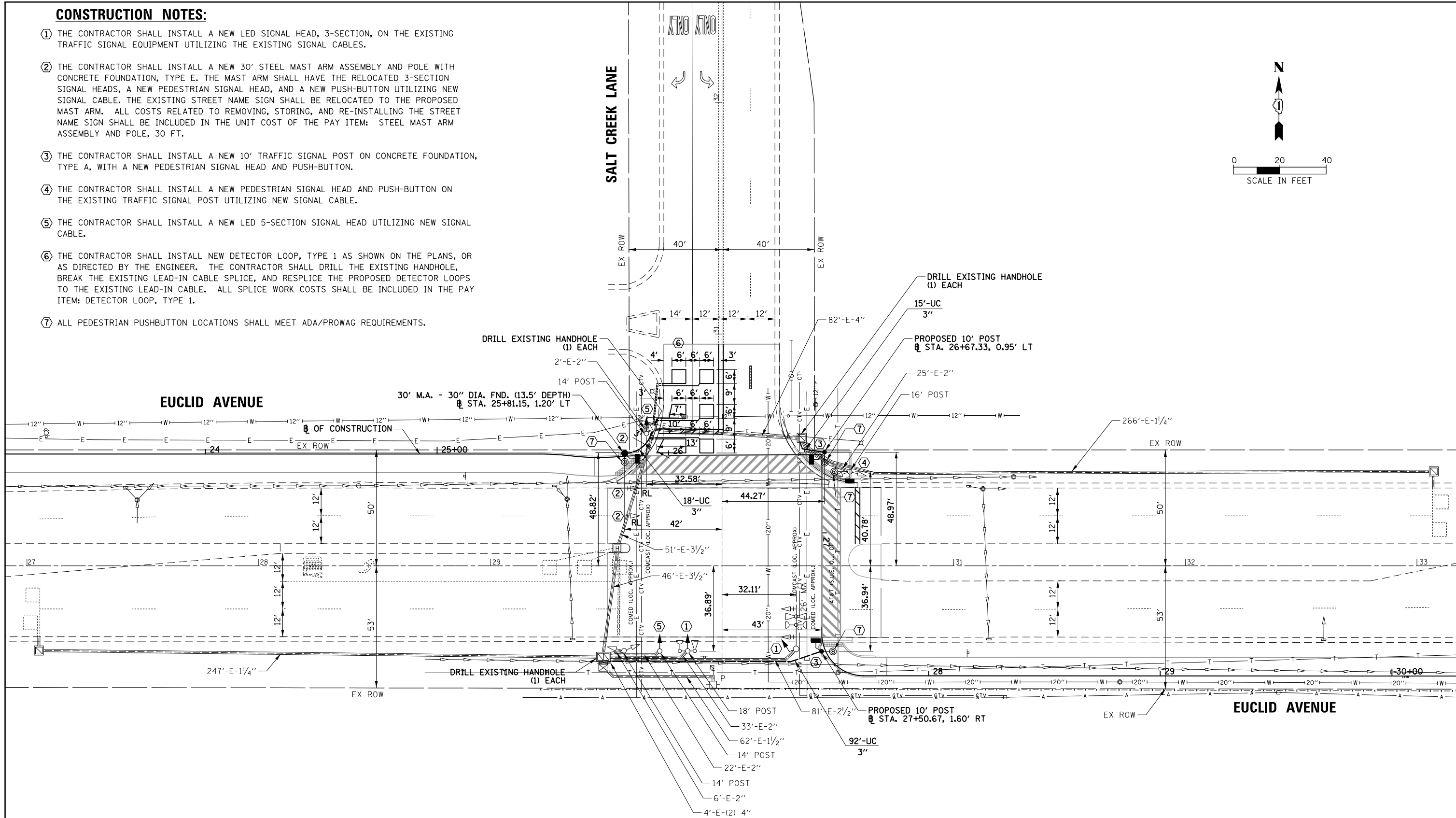
**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL INSTALL A NEW LED SIGNAL HEAD, 3-SECTION, ON THE EXISTING TRAFFIC SIGNAL EQUIPMENT UTILIZING THE EXISTING SIGNAL CABLES.
- ② THE CONTRACTOR SHALL INSTALL A NEW 30' STEEL MAST ARM ASSEMBLY AND POLE WITH CONCRETE FOUNDATION, TYPE E. THE MAST ARM SHALL HAVE THE RELOCATED 3-SECTION SIGNAL HEADS, A NEW PEDESTRIAN SIGNAL HEAD, AND A NEW PUSH-BUTTON UTILIZING NEW SIGNAL CABLE. THE EXISTING STREET NAME SIGN SHALL BE RELOCATED TO THE PROPOSED MAST ARM. ALL COSTS RELATED TO REMOVING, STORING, AND RE-INSTALLING THE STREET NAME SIGN SHALL BE INCLUDED IN THE UNIT COST OF THE PAY ITEM: STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
- ③ THE CONTRACTOR SHALL INSTALL A NEW 10' TRAFFIC SIGNAL POST ON CONCRETE FOUNDATION, TYPE A, WITH A NEW PEDESTRIAN SIGNAL HEAD AND PUSH-BUTTON.
- ④ THE CONTRACTOR SHALL INSTALL A NEW PEDESTRIAN SIGNAL HEAD AND PUSH-BUTTON ON THE EXISTING TRAFFIC SIGNAL POST UTILIZING NEW SIGNAL CABLE.
- ⑤ THE CONTRACTOR SHALL INSTALL A NEW LED 5-SECTION SIGNAL HEAD UTILIZING NEW SIGNAL CABLE.
- ⑥ THE CONTRACTOR SHALL INSTALL NEW DETECTOR LOOP, TYPE 1 AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DRILL THE EXISTING HANDHOLE, BREAK THE EXISTING LEAD-IN CABLE SPLICE, AND RESPLICE THE PROPOSED DETECTOR LOOPS TO THE EXISTING LEAD-IN CABLE. ALL SPLICE WORK COSTS SHALL BE INCLUDED IN THE PAY ITEM: DETECTOR LOOP, TYPE 1.
- ⑦ ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.



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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

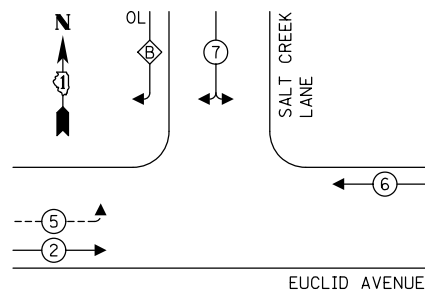


FILE NAME =	USER NAME = jstrick	DESIGNED - EAJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODIFICATION PLAN EUCLID AVENUE AND SALT CREEK LANE ROLLING MEADOWS, ILLINOIS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT DATE = 5/31/2018	CHECKED - GMZ	REVISED -			1257	15-00115-00-BT	COOK	57	39	
		DATE -	REVISED -			CONTRACT NO. 61E78					
						ILLINOIS FED. AID PROJECT					

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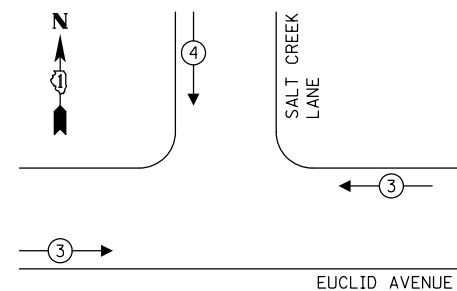
**EXISTING CONTROLLER SEQUENCE**



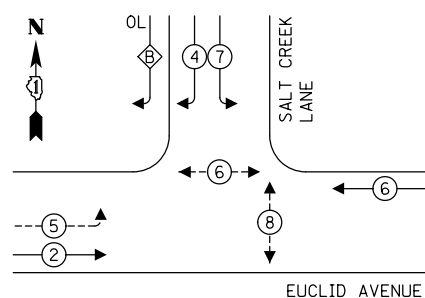
**EXISTING RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	B	=	PERMISSIVE PHASE	7	+	PROTECTED PHASE	5
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**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED CONTROLLER SEQUENCE**



**PROPOSED RIGHT TURN OVERLAP PHASE DESIGNATION:**

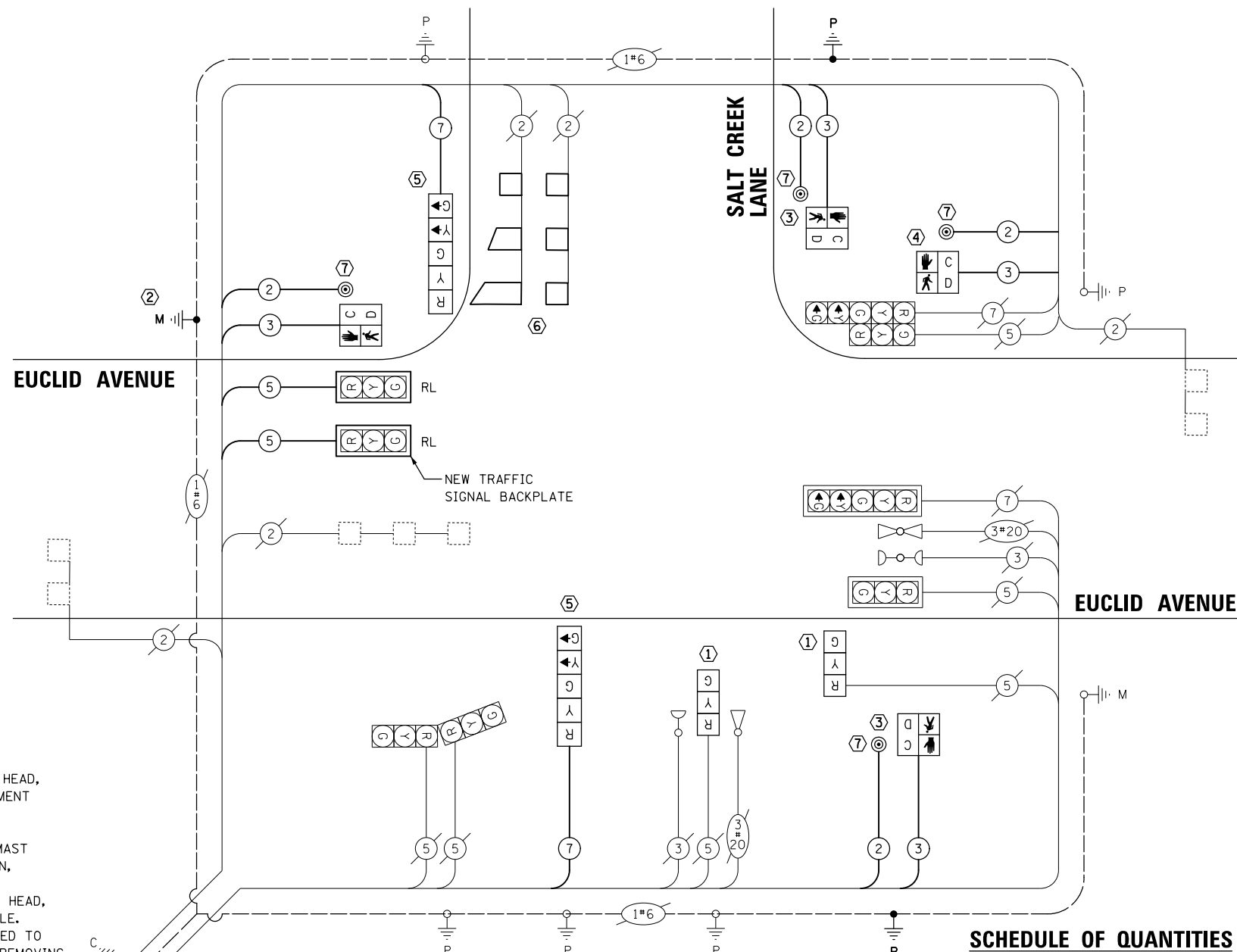
OVERLAP LETTER	B	=	PERMISSIVE PHASE	4	+	PROTECTED PHASE	5
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**LEGEND:**

- ← \* → PROTECTED PHASE
- ← \* - - - PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← OL → OVERLAP

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL INSTALL A NEW LED SIGNAL HEAD, 3-SECTION, ON THE EXISTING TRAFFIC SIGNAL EQUIPMENT UTILIZING THE EXISTING SIGNAL CABLES.
- ② THE CONTRACTOR SHALL INSTALL A NEW 30' STEEL MAST ARM ASSEMBLY AND POLE WITH CONCRETE FOUNDATION, TYPE E. THE MAST ARM SHALL HAVE THE RELOCATED 3-SECTION SIGNAL HEADS, A NEW PEDESTRIAN SIGNAL HEAD, AND A NEW PUSH-BUTTON UTILIZING NEW SIGNAL CABLE. THE EXISTING STREET NAME SIGN SHALL BE RELOCATED TO THE PROPOSED MAST ARM. ALL COSTS RELATED TO REMOVING, STORING, AND RE-INSTALLING THE STREET NAME SIGN SHALL BE INCLUDED IN THE UNIT COST OF THE PAY ITEM: STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
- ③ THE CONTRACTOR SHALL INSTALL A NEW 10' TRAFFIC SIGNAL POST ON CONCRETE FOUNDATION, TYPE A, WITH A NEW PEDESTRIAN SIGNAL HEAD AND PUSH-BUTTON.
- ④ THE CONTRACTOR SHALL INSTALL A NEW PEDESTRIAN SIGNAL HEAD AND PUSH-BUTTON ON THE EXISTING TRAFFIC SIGNAL POST UTILIZING NEW SIGNAL CABLE.
- ⑤ THE CONTRACTOR SHALL INSTALL A NEW LED 5-SECTION SIGNAL HEAD UTILIZING NEW SIGNAL CABLE.
- ⑥ THE CONTRACTOR SHALL INSTALL NEW DETECTOR LOOP, TYPE 1 AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DRILL THE EXISTING HANDHOLE, BREAK THE EXISTING LEAD-IN CABLE SPLICE, AND RESPLICE THE PROPOSED DETECTOR LOOPS TO THE EXISTING LEAD-IN CABLE. ALL SPLICE WORK COSTS SHALL BE INCLUDED IN THE PAY ITEM: DETECTOR LOOP, TYPE 1.
- ⑦ ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS.



**CABLE PLAN**  
(NOT TO SCALE)

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	125
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	787
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	815
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	391
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	213
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	191
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	2
DETECTOR LOOP, TYPE I	FOOT	219
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	611
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
SIGNAL TIMING	L SUM	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

<b>LOCATION: EUCLID AVENUE AND SALT CREEK LANE</b>				
<b>COOK COUNTY</b>				
<b>DEPARTMENT OF TRANSPORTATION AND HIGHWAYS</b>				
<b>TRAFFIC SIGNAL INSTALLATION</b>				
<b>ELECTRICAL SERVICE REQUIREMENTS</b>				
TYPE	NO. LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
CONTROLLER	1	100	1.00	100.00
VEHICLE DET.	5	5	1.00	25.00
PED. SIGNAL	4	25	1.00	100.00
12" SIGNAL (RED)	12	17	0.50	102.00
(YELLOW)	12	25	0.05	15.00
(GREEN)	12	15	0.45	81.00
(ARROW)	4	12	0.10	4.80
<b>TOTAL =</b>				<b>427.80</b>
<b>ENERGY COST TO:</b>				
COOK COUNTY BUREAU OF ADMINISTRATION		<b>ENERGY COST SHARE:</b>		
118 N. CLARK STREET, ROOM 801		COOK COUNTY: 67%		
CHICAGO, IL 60602				
TOWER ACCOUNT NO. 1143025228				
SUPPLEMENT NO. NC150357				
Village of Arlington Heights		ARLINGTON HEIGHTS: 33%		
33 S. Arlington Heights Road				
Arlington Heights, IL 60005				
<b>ENERGY SUPPLY CONTACT:</b> ComEd		<b>EFFECTIVE DATE:</b>		
PHONE: (866)639-3532		TO BE DETERMINED		
COMPANY: ComEd				

FILE NAME =	USER NAME = jstrick
\\CBBELSRV1\cbbel\df\ROLLINGMEADOWS\98361BR100\98361BR187A\Traffic\Salt C	DESIGNED - EAJ
Default	REVISOR - GMZ
	DATE - 5/31/2018

DESIGNED - EAJ	REVISOR - GMZ
REVISOR - GMZ	DATE - 5/31/2018

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

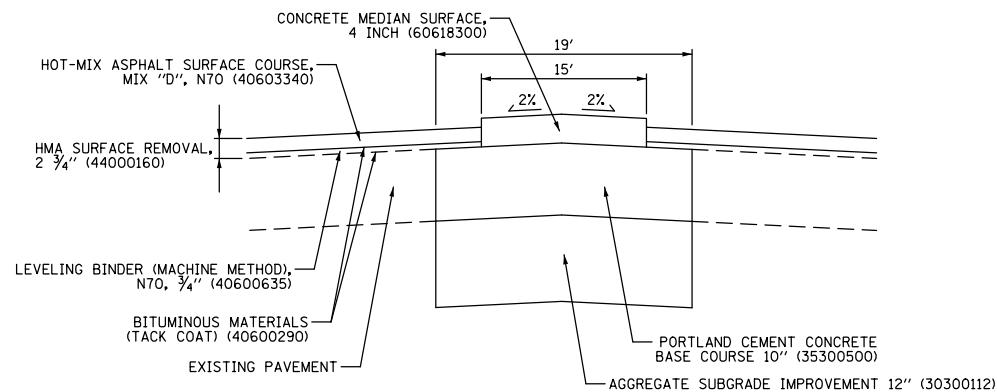
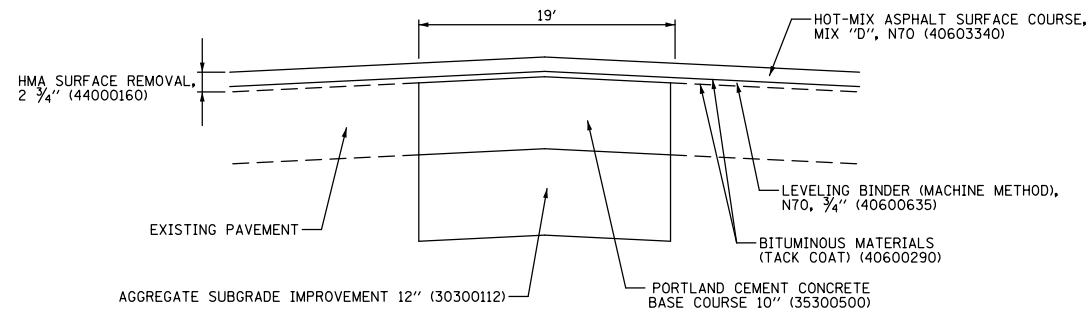
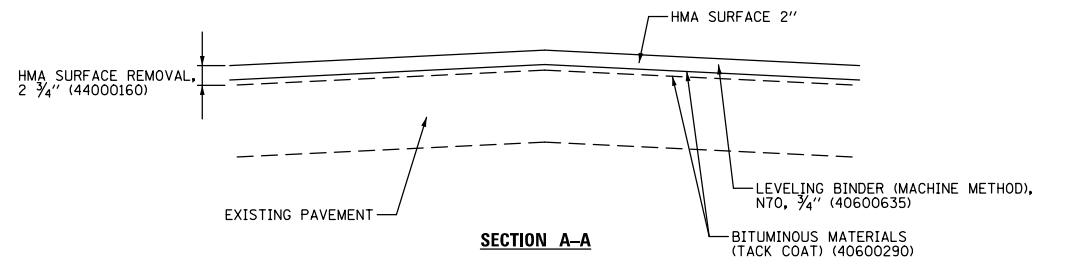
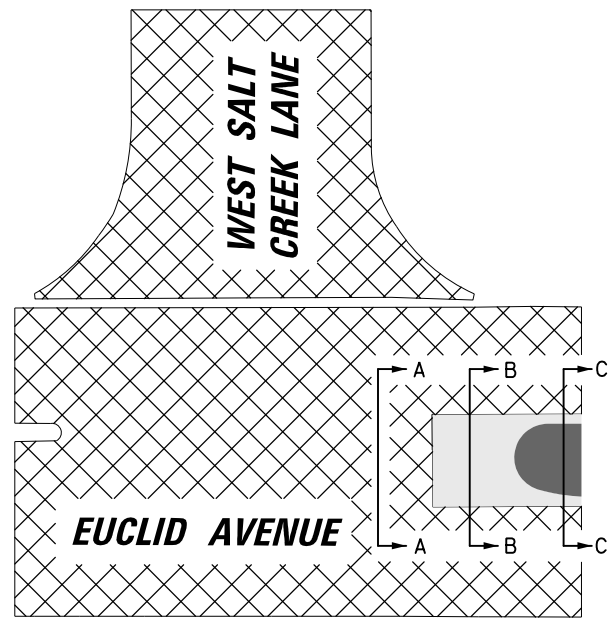
**CABLE PLAN, PHASE DESIGNATION, DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES**  
**EUCLID AVENUE AND SALT CREEK LANE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	40
				CONTRACT NO. 61E78
ILLINOIS FED. AID PROJECT				

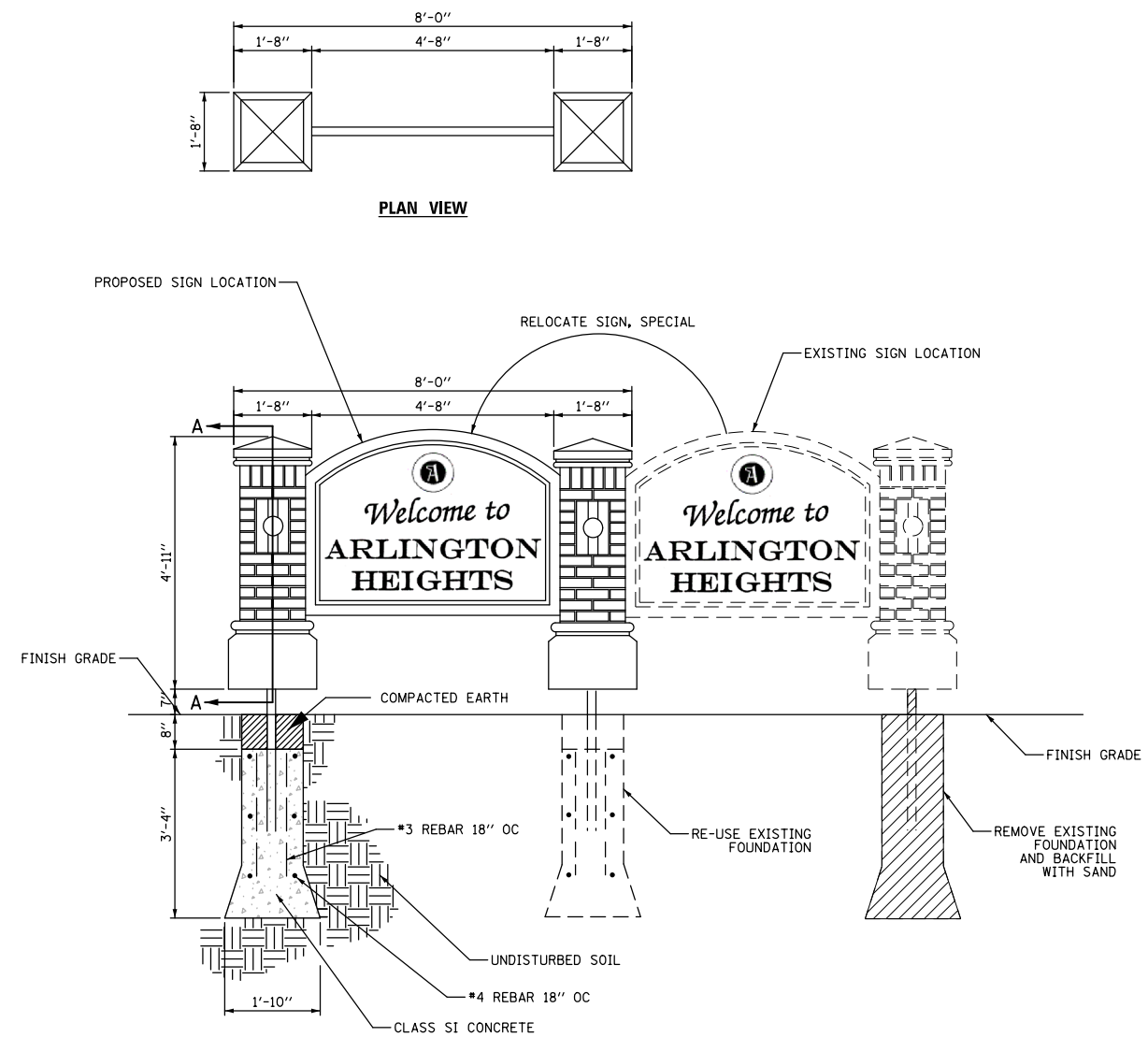
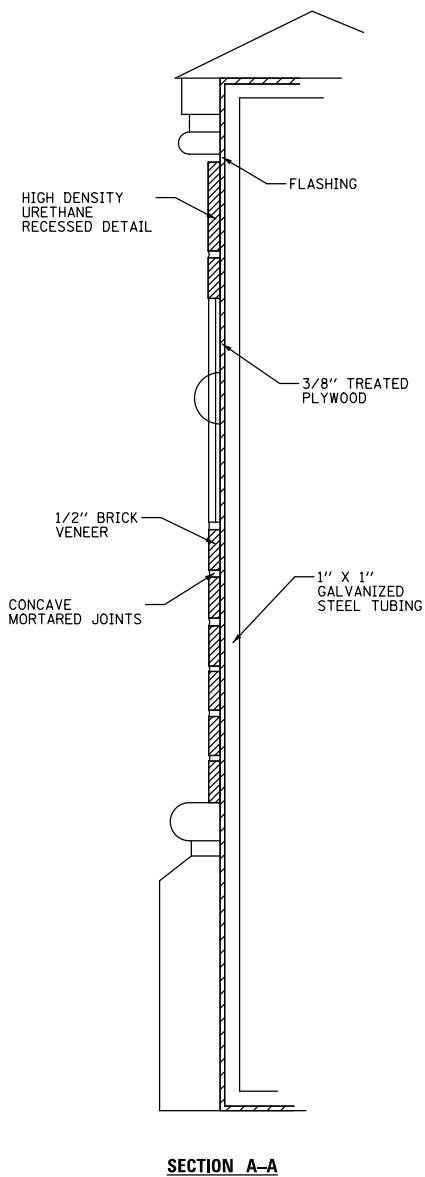


PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	



**EUCLID AVENUE / WEST SALT CREEK LANE  
PAVING DETAIL**



**RELOCATE SIGN, SPECIAL**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE ROADWAY	AIR VOIDS @NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70, 3/4"	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = jstrick	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 5/31/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
EUCLID AVENUE MULTI-USE PATH**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	15-00115-00-BT	COOK	57	41
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

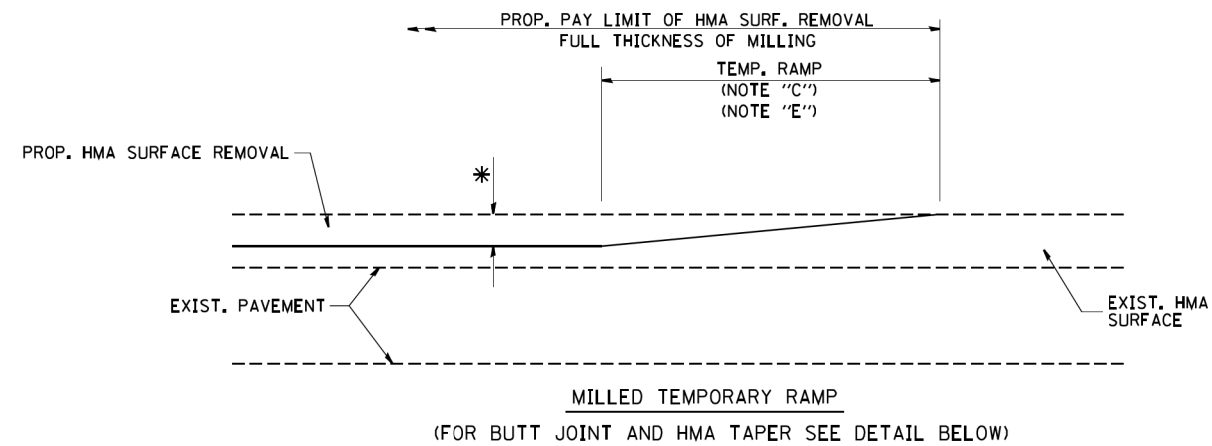
**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

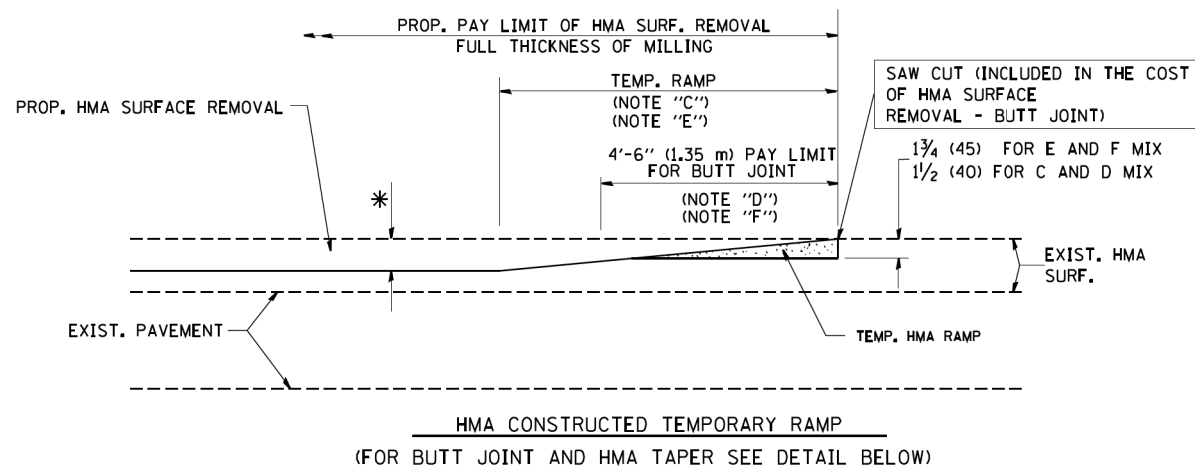
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cc:\pw_work\p\dot\drivakosgn\d0108315\bd24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97			1292	11-00115-00-BT	COOK	57	42
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01			<b>BD600-06 (BD-24)</b>		CONTRACT NO. 61E78		
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

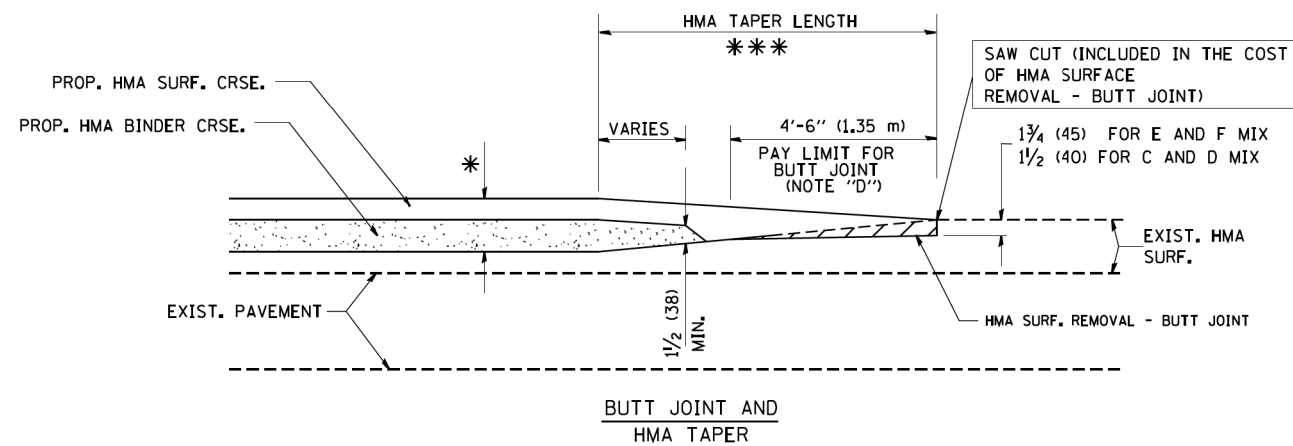


**OPTION 1**

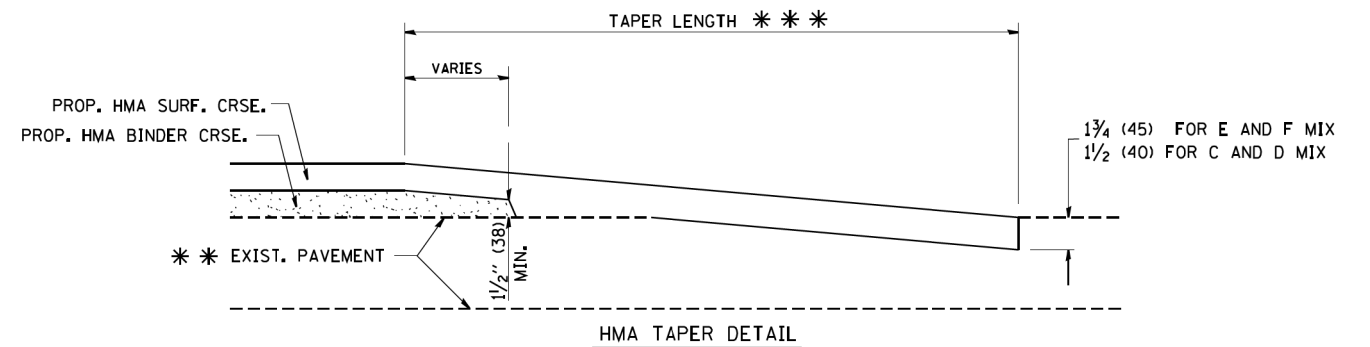
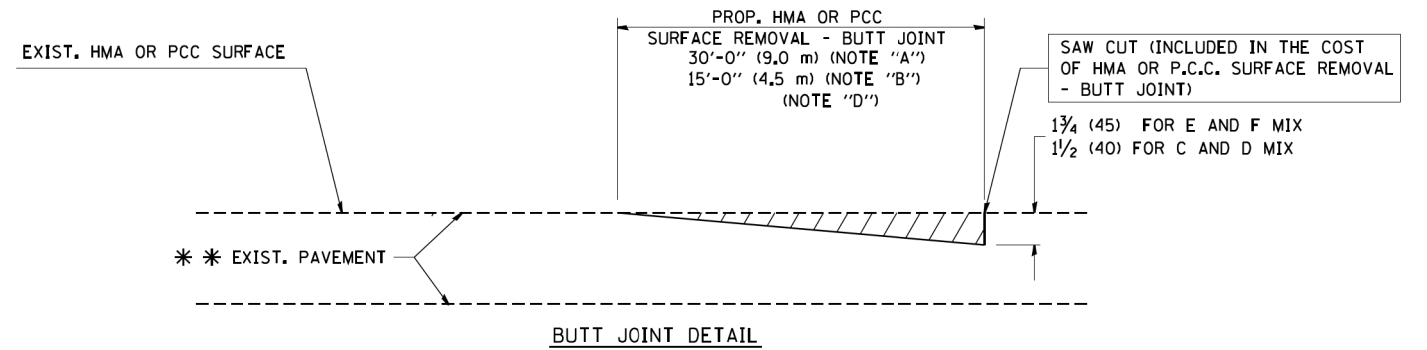


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd32.dgn

USER NAME = geglienobt  
PLOT SCALE = 50.0000 "/ IN.  
PLOT DATE = 1/4/2008

DESIGNED - M. DE YONG  
DRAWN -  
CHECKED -  
DATE - 06-13-90

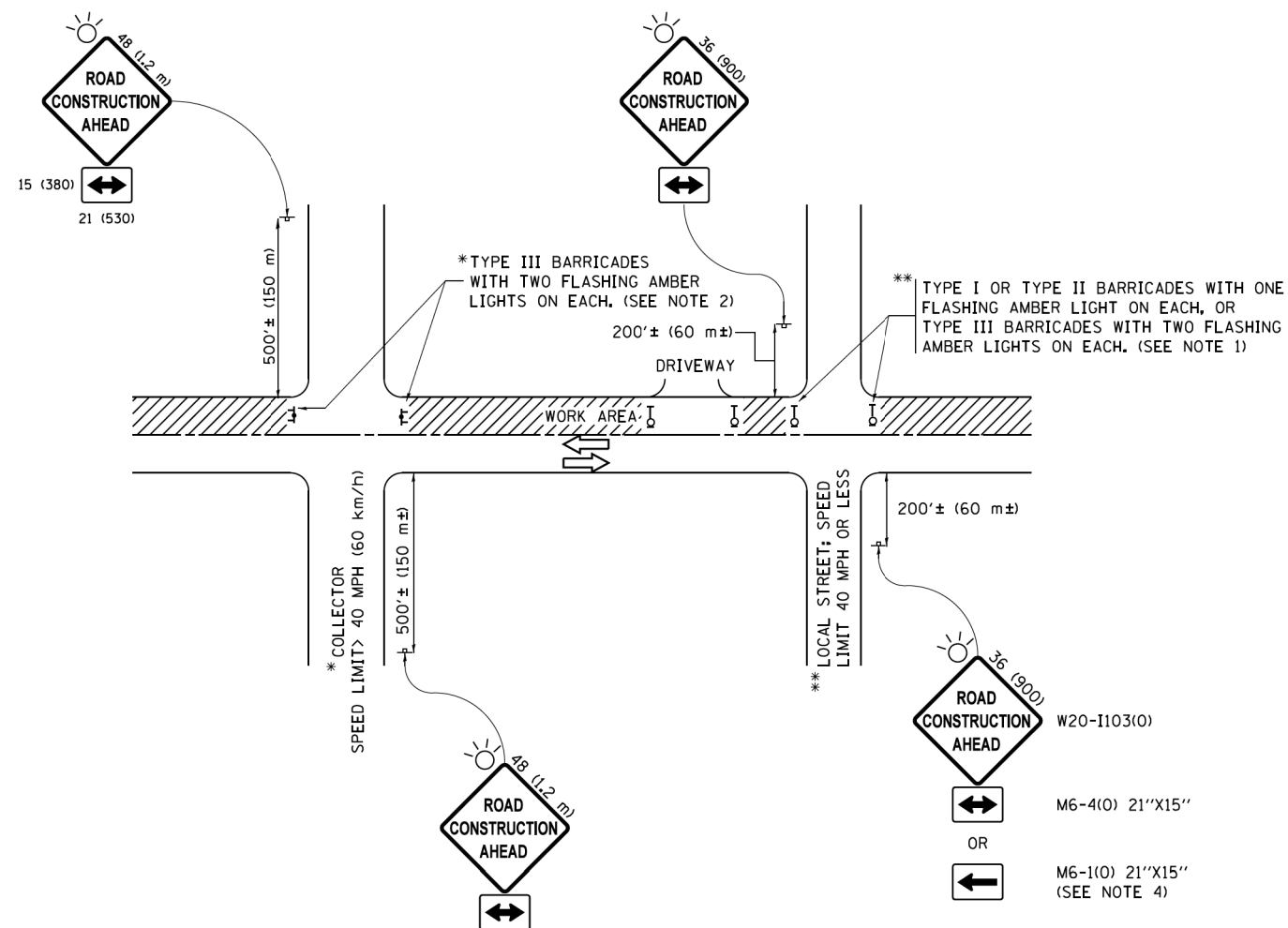
REVISED - R. SHAH 10-25-94  
REVISED - A. ABBAS 03-21-97  
REVISED - M. GOMEZ 04-06-01  
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 1292	SECTION 11-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 43
BD400-05 BD32		CONTRACT NO. 61E78		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

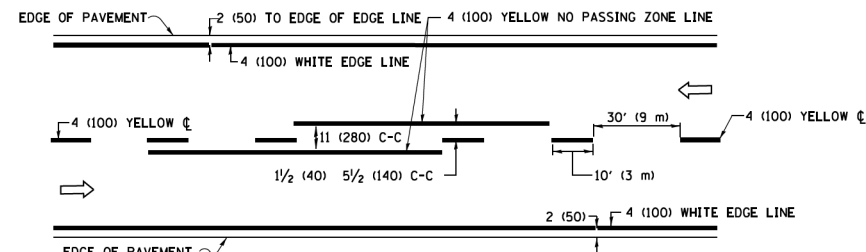
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	PLOT SCALE = 50,000' / 1"	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

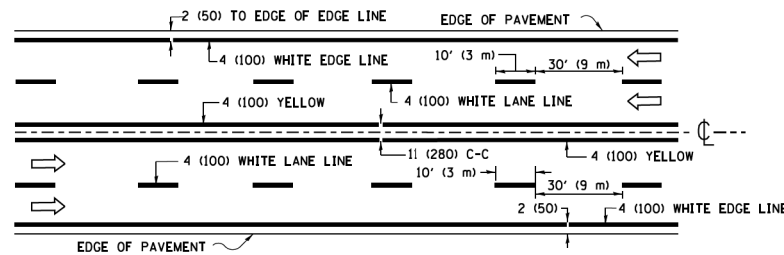
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	11-00115-00-BT	COOK	57	44
TC-10			CONTRACT NO. 61E78	
ILLINOIS FED. AID PROJECT				

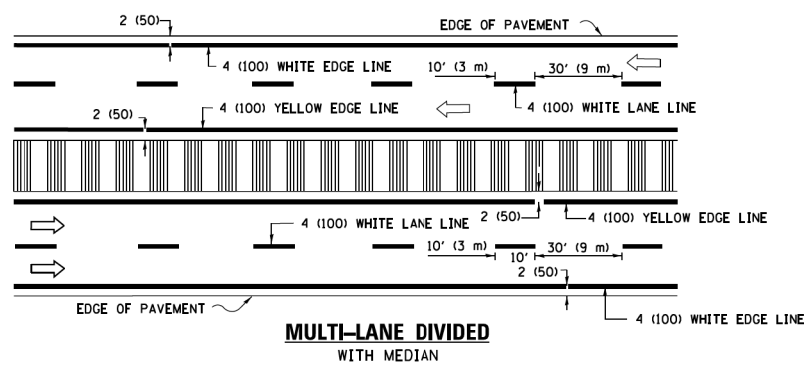
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.



**2-LANE ROADWAY**

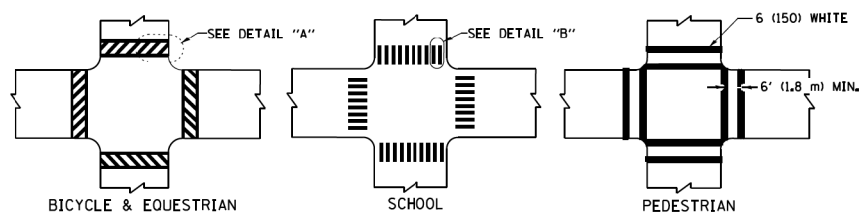


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

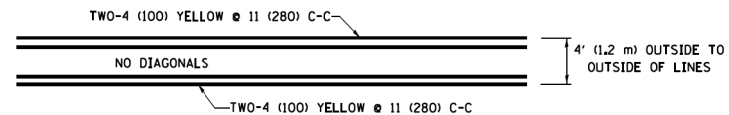


**DETAIL "A"**

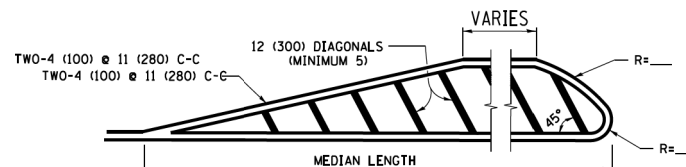
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

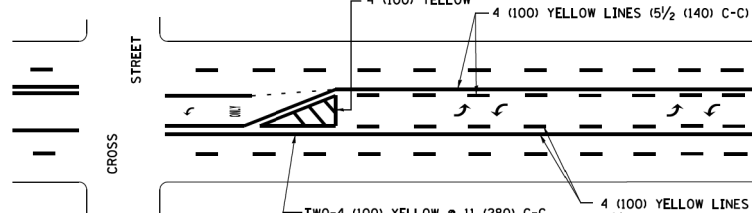


**4' (1.2 m) WIDE MEDIANS ONLY**



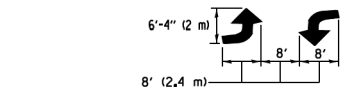
**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



**MEDIAN WITH TWO-WAY LEFT TURN LANE  
TYPICAL PAINTED MEDIAN MARKING**

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

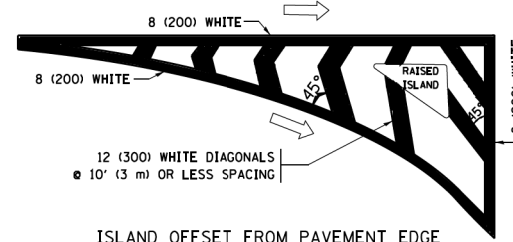


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

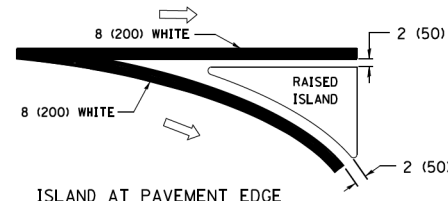
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

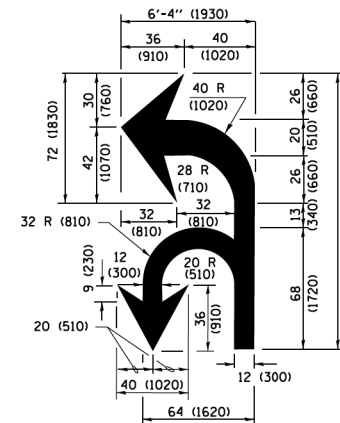


**ISLAND OFFSET FROM PAVEMENT EDGE**

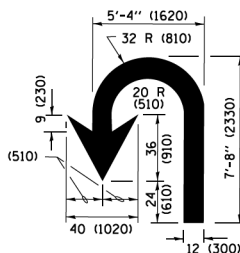


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW WHITE WHITE	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in Inches (millimeters) unless otherwise shown.

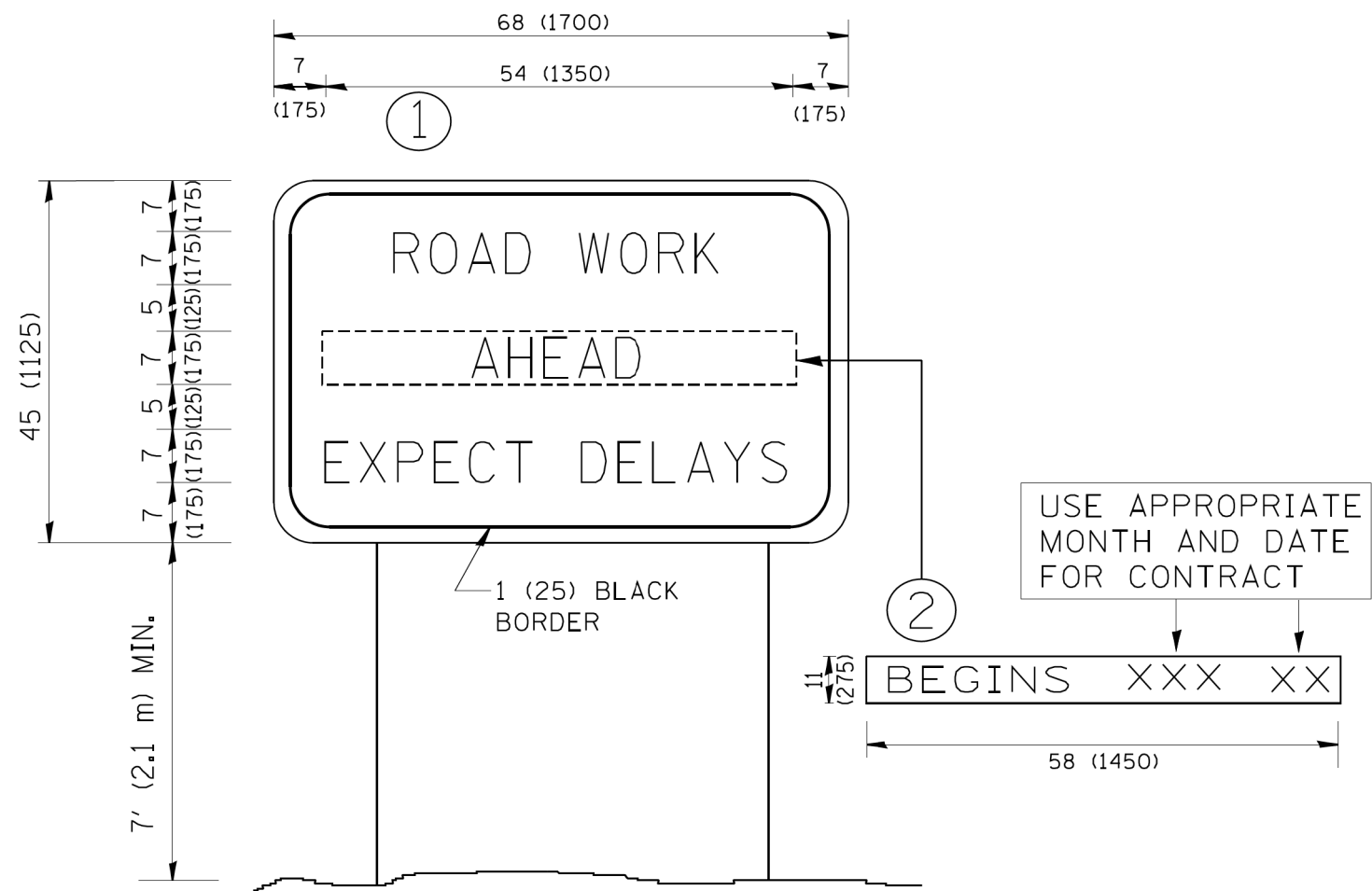
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	11-00115-00-BT	COOK	57	45
TC-13		CONTRACT NO. 61E78		
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

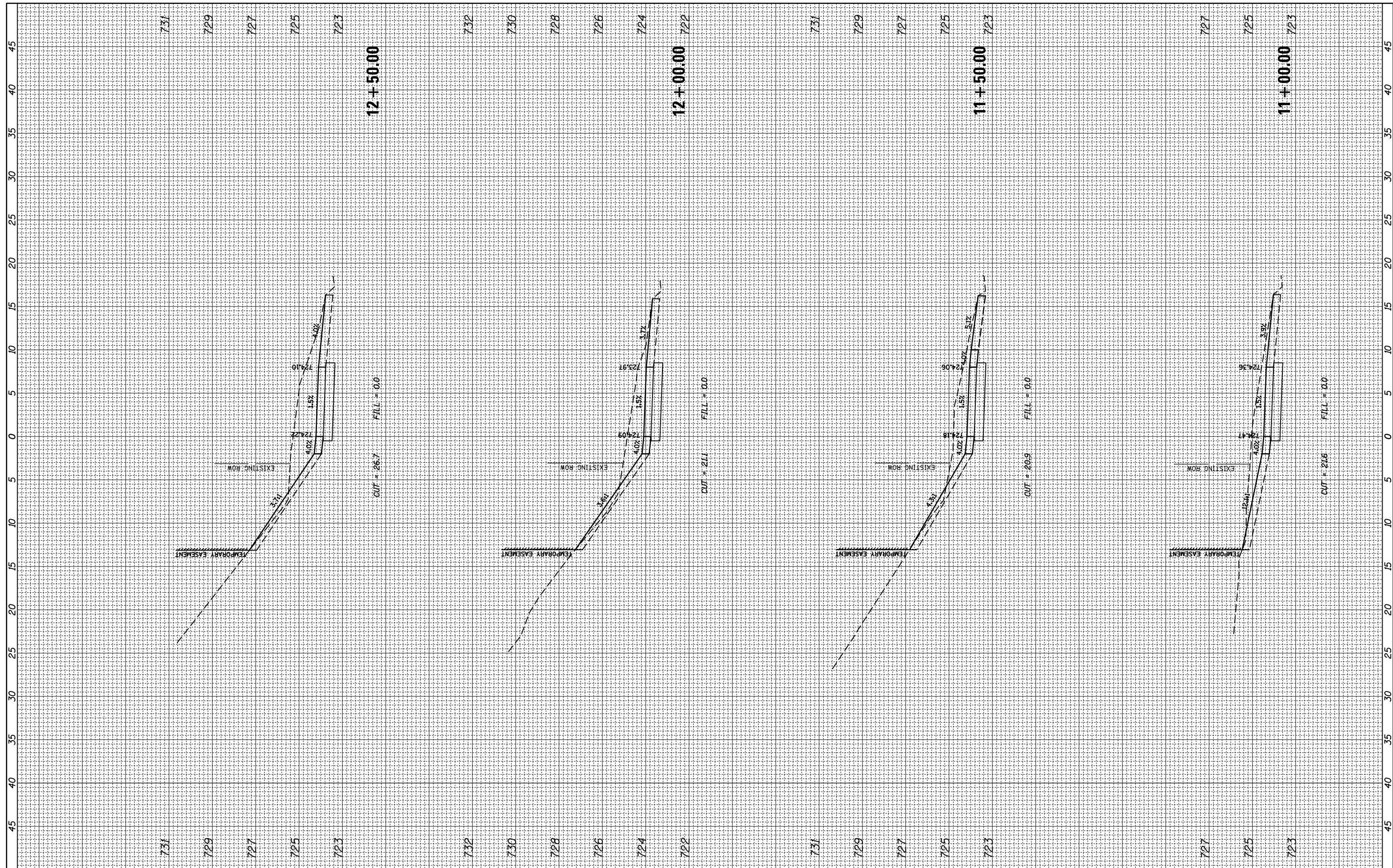
**ARTERIAL ROAD  
INFORMATION SIGN**

F.A.U. RTE. 1292	SECTION 11-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 46
TC-22		CONTRACT NO. 61E78		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	



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 PLOT SCALE = 1" = 10'  
 PLOT DATE = 5/31/2018

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CHECKED -	REVISOR -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

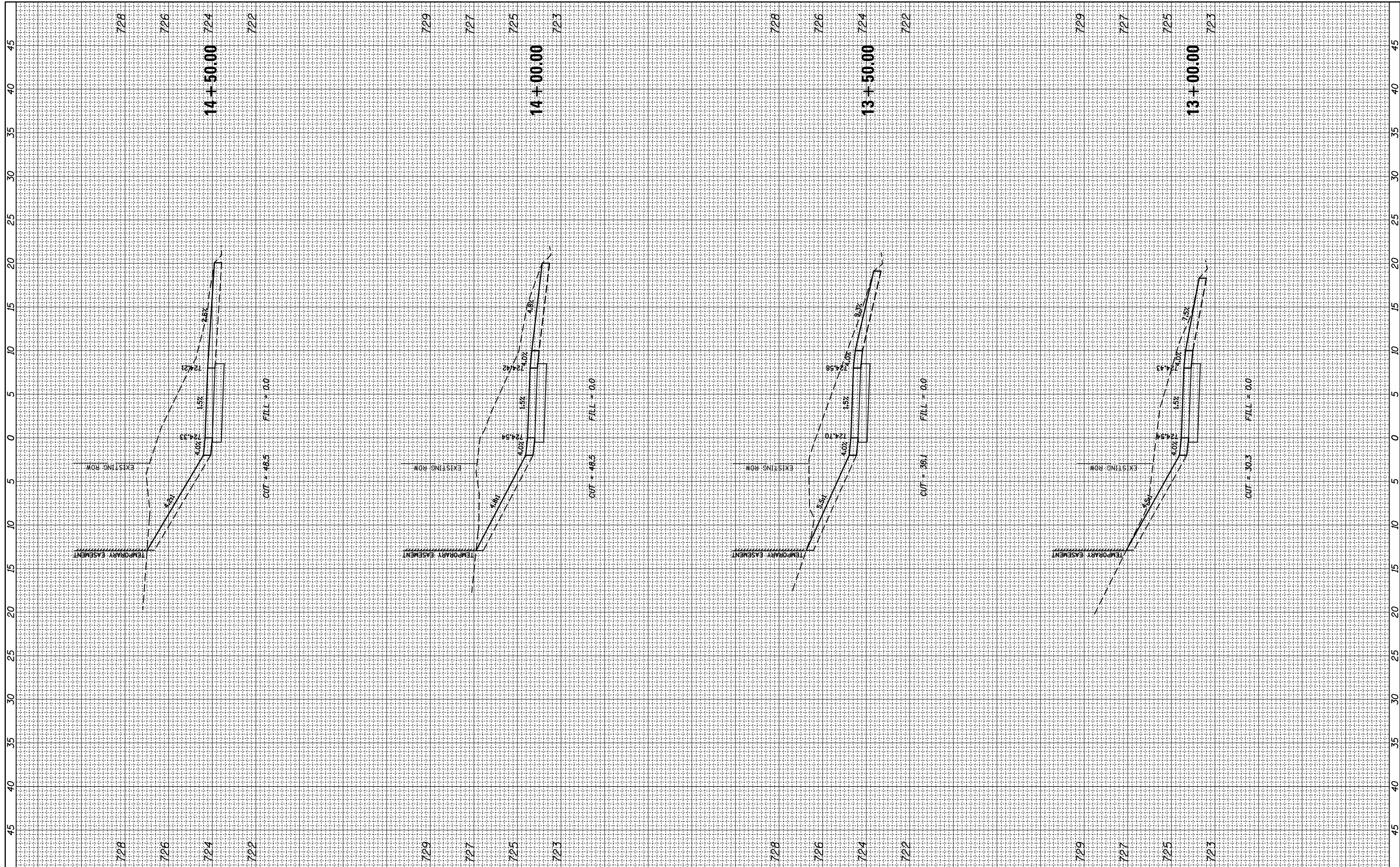
**CROSS SECTIONS  
EUCLID AVENUE MULTI-USE PATH**

SCALE: SHEET 1 OF 11 SHEETS STA. 11+00.00 TO STA. 12+50.00

F.A.U. RTE. 1257	SECTION 15-00115-00-BT	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 47
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	NOTE BOOK	
	AREAS	
	CHECKED	

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	PLOTTED	
	TEMPLATE	
	NOTE BOOK	
	AREAS	
	CHECKED	



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

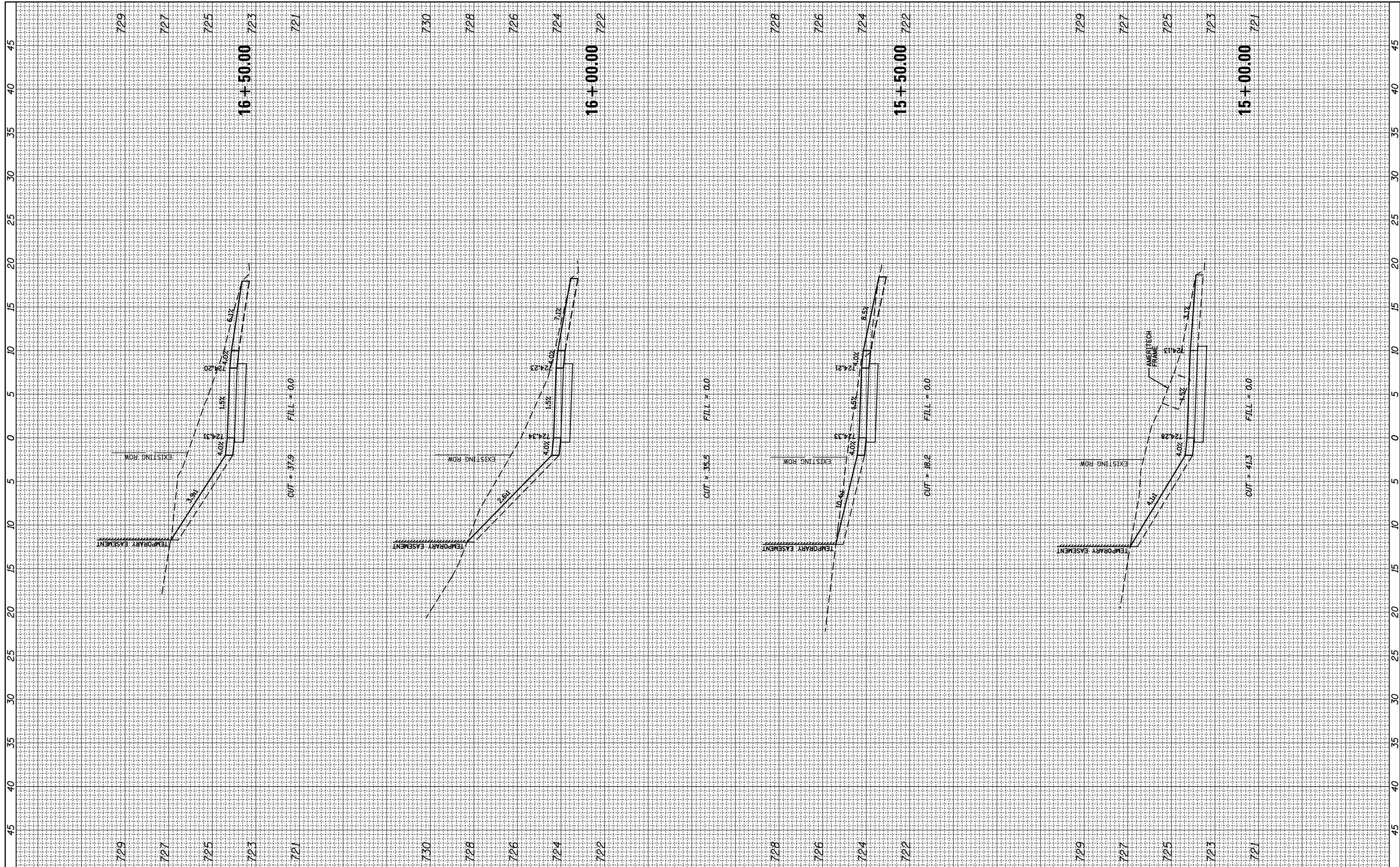
**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 2 OF 11 SHEETS STA. 13+00.00 TO STA. 14+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	48
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		



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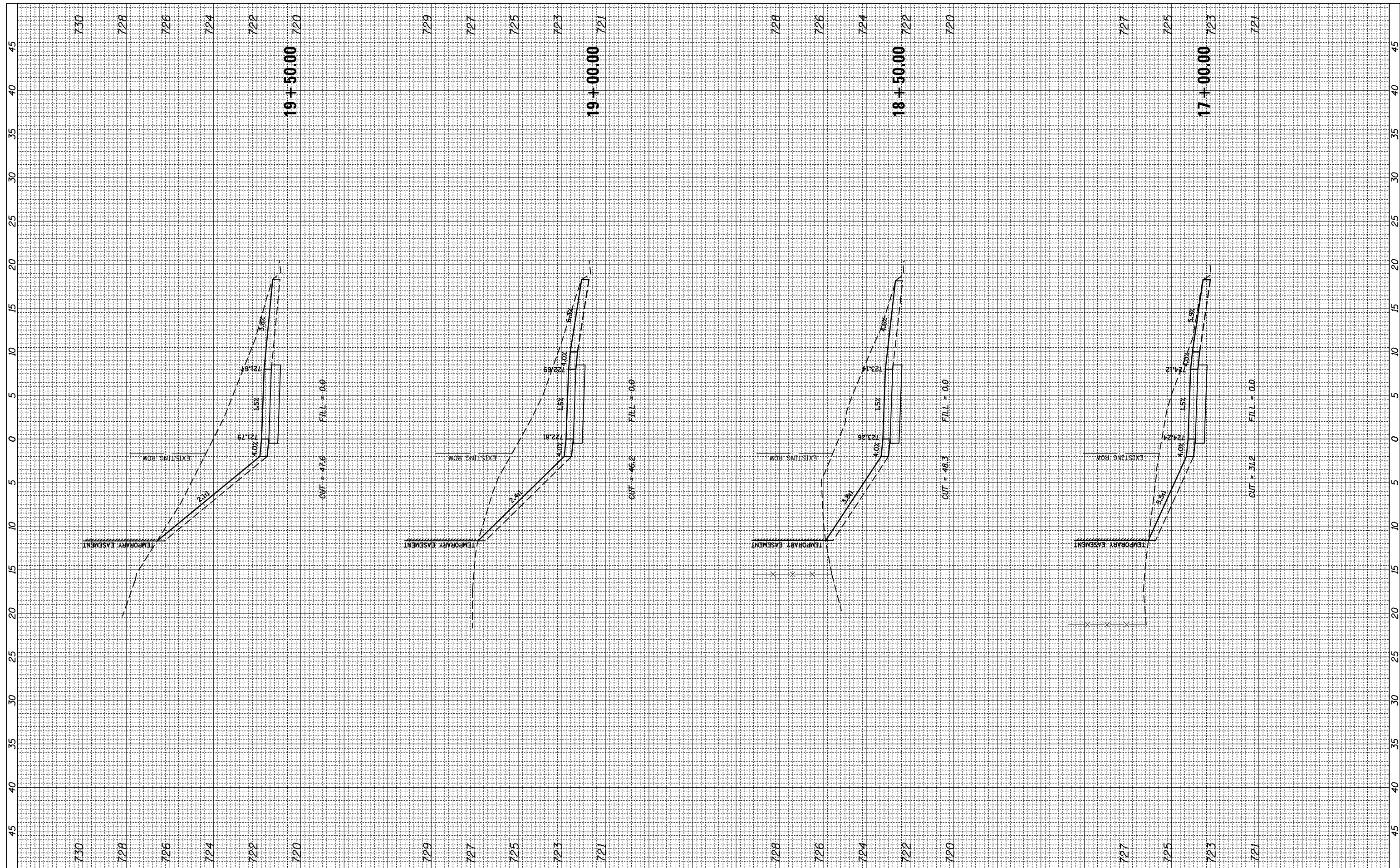
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 3 OF 11 SHEETS STA. 15+00.00 TO STA. 16+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	49
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	



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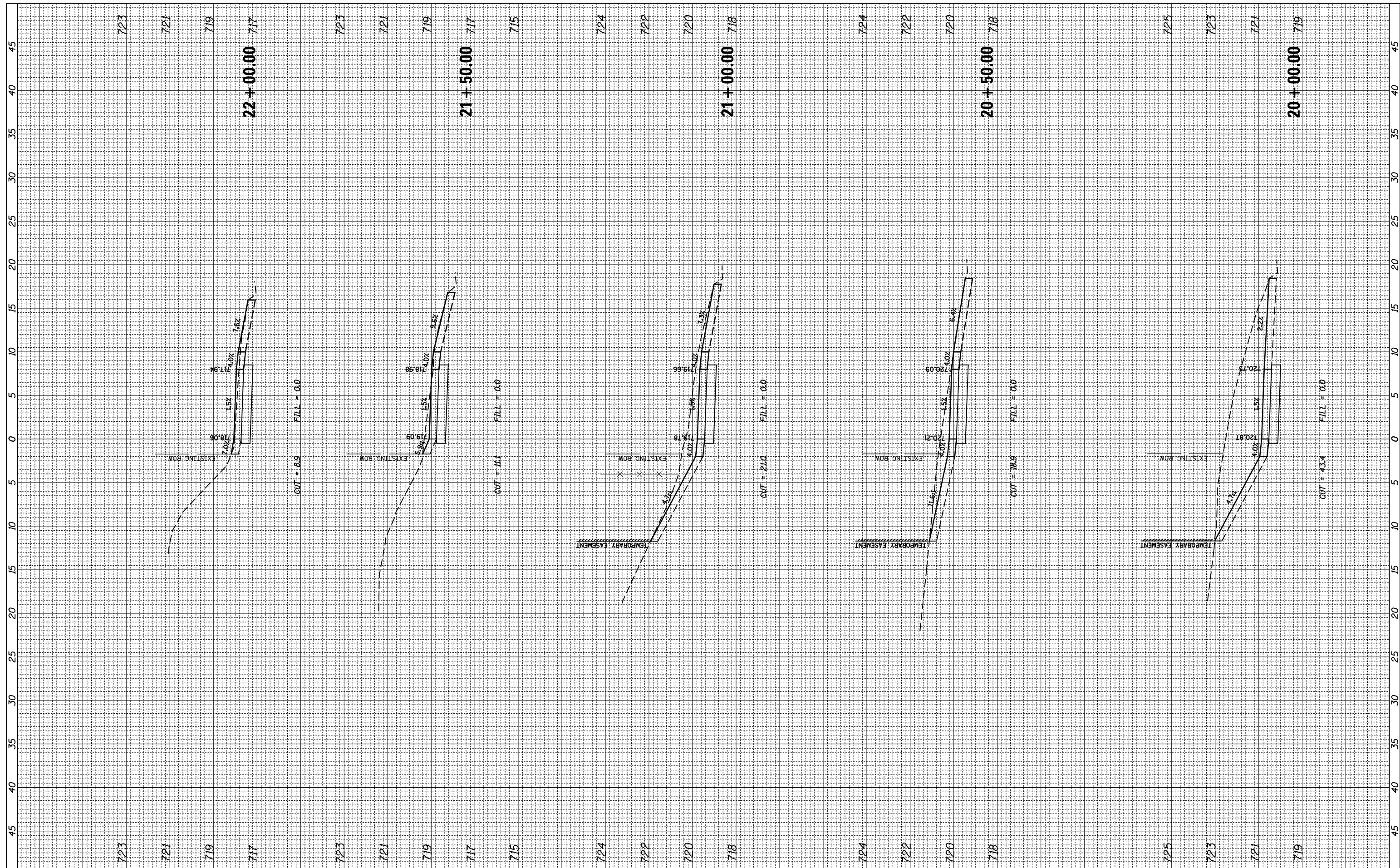
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 4 OF 11 SHEETS STA. 17+00.00 TO STA. 19+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	50
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	



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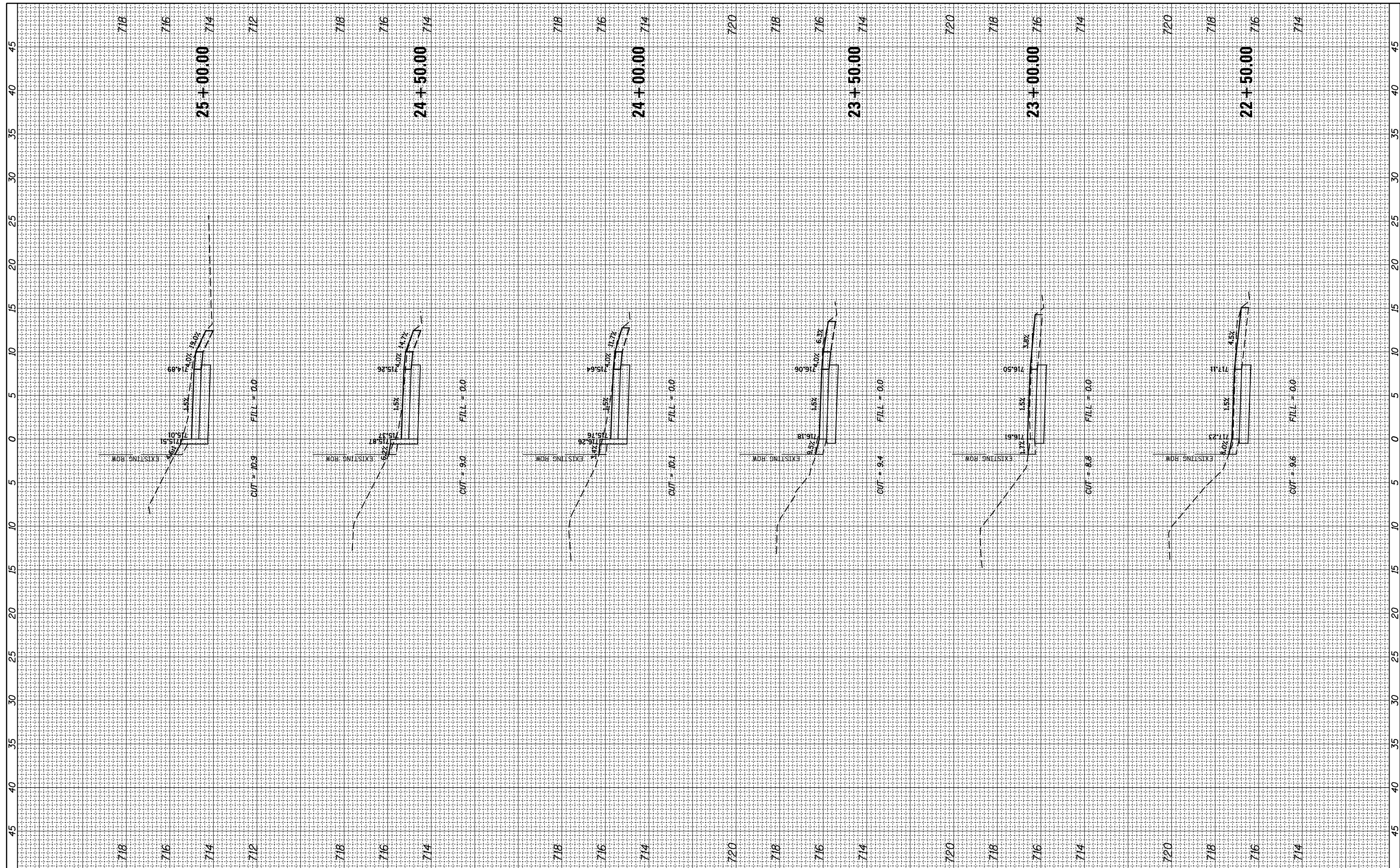
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 5 OF 11 SHEETS STA. 20+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	51
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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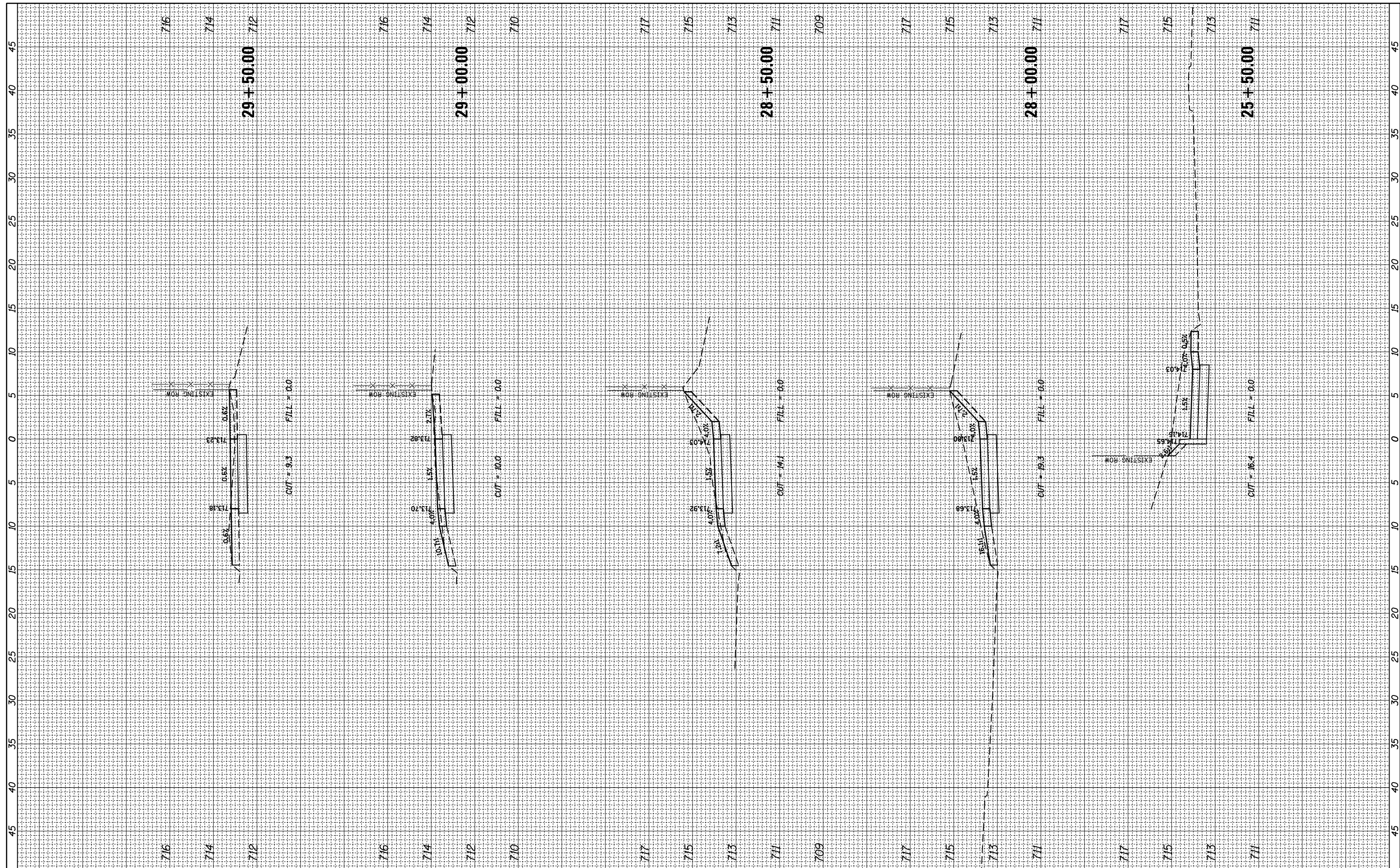
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 6 OF 11 SHEETS STA. 22+50.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	52
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	



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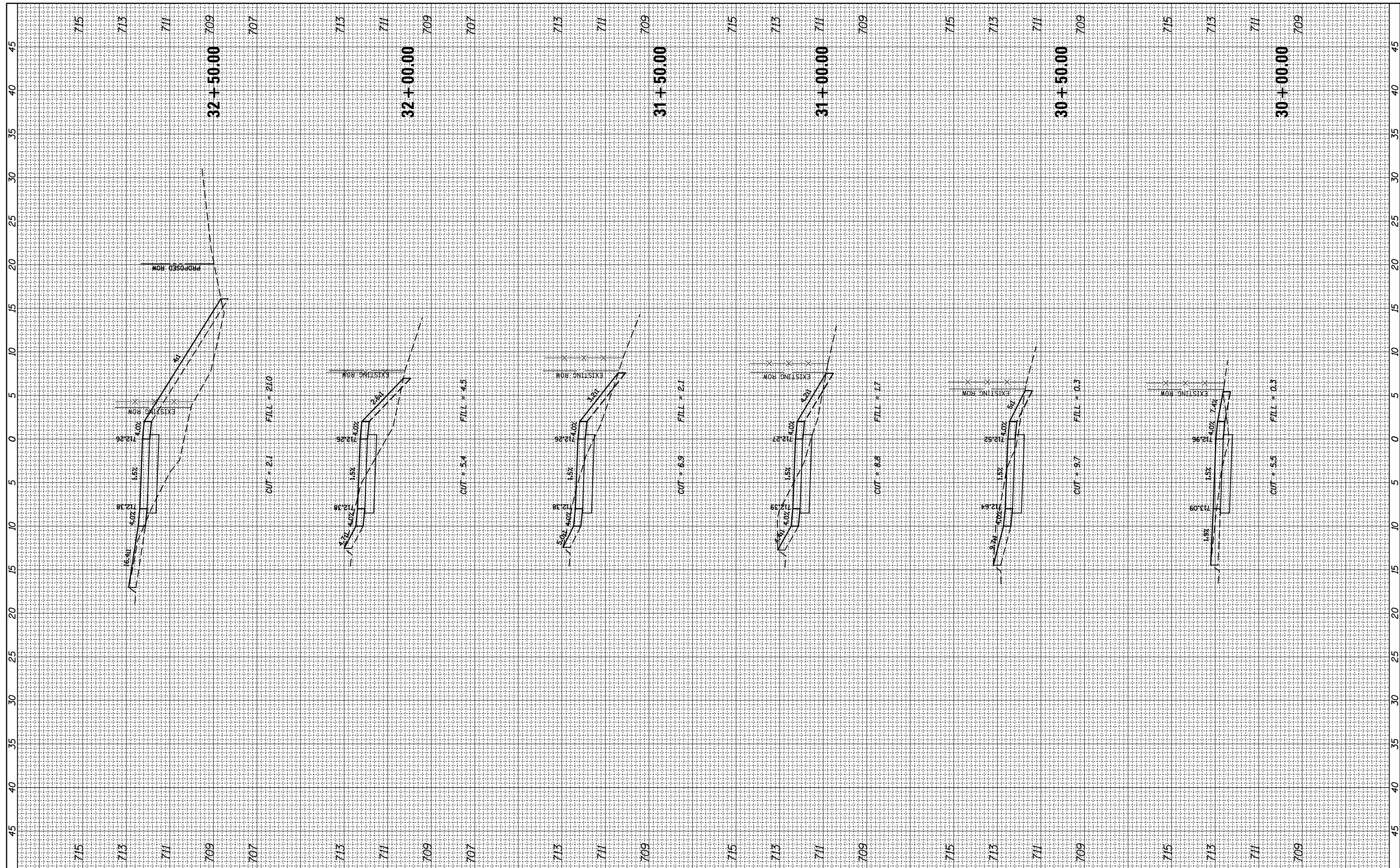
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 7 OF 11 SHEETS STA. 25+50.00 TO STA. 29+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	53
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	



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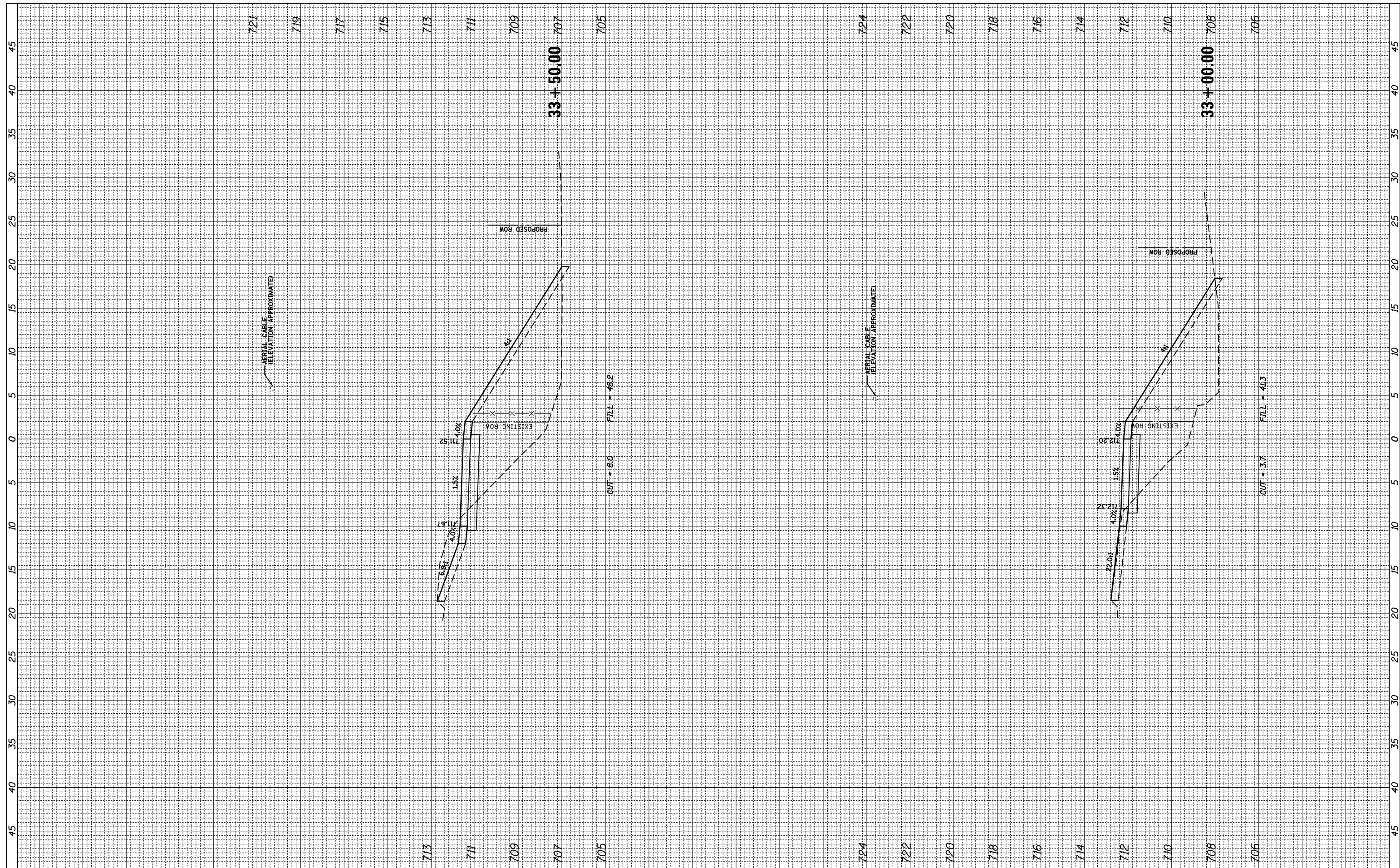
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS EUCLID AVENUE MULTI-USE PATH</b>			
SCALE:	SHEET 8	OF 11 SHEETS	STA. 30+00.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	54
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

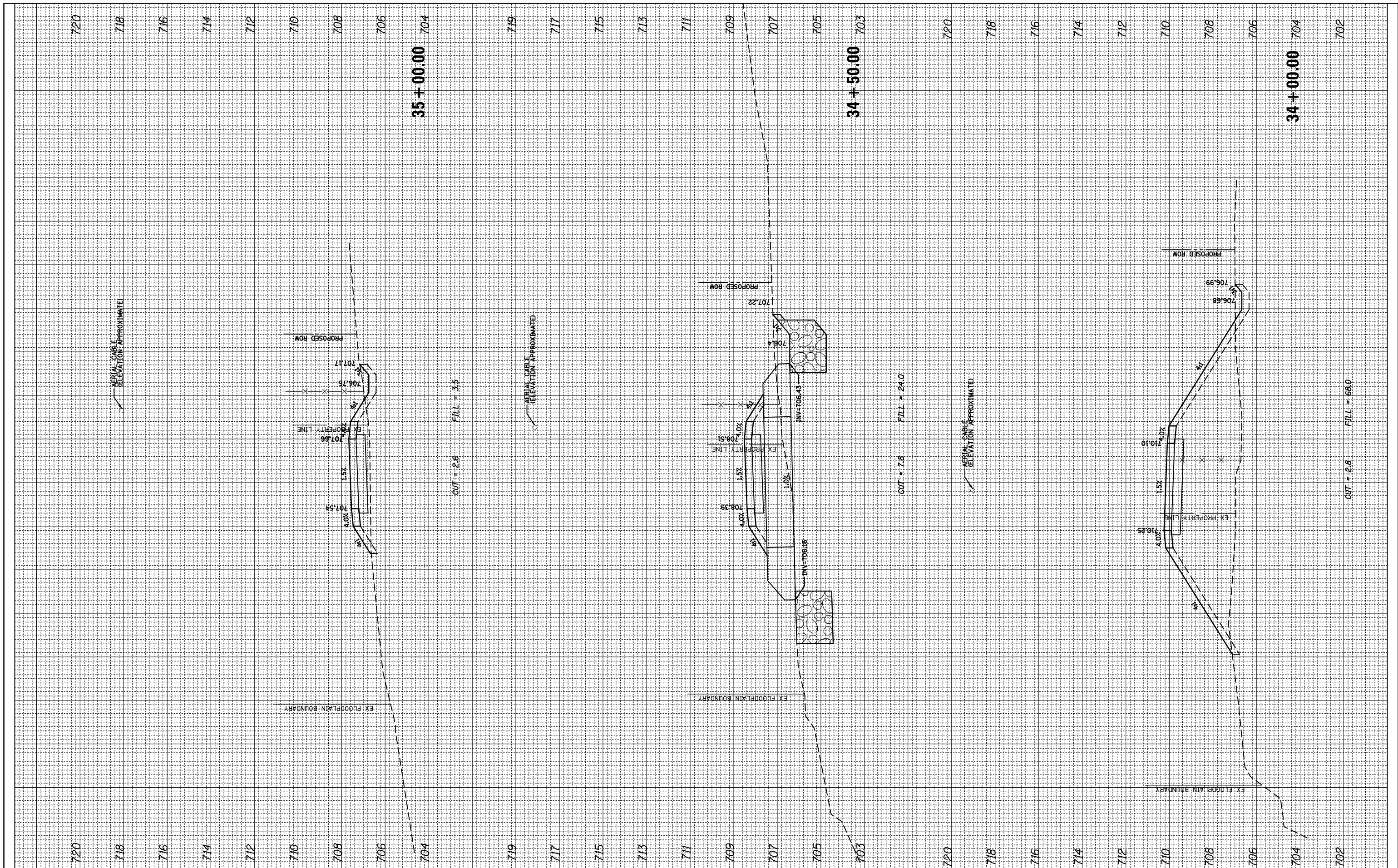
**CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH**

SCALE: SHEET 9 OF 11 SHEETS STA. 33+00.00 TO STA. 33+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	55
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

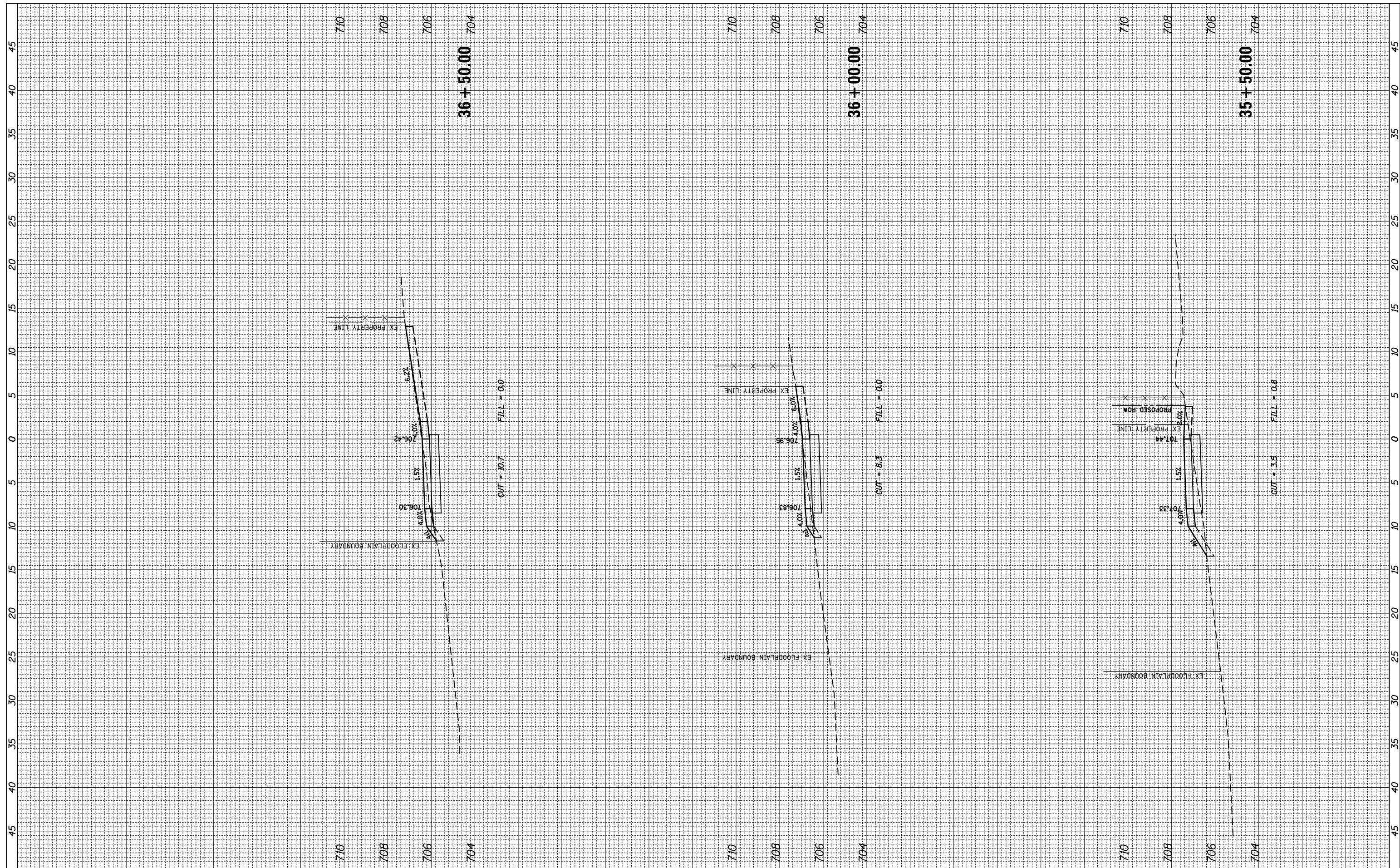
CROSS SECTIONS  
 EUCLID AVENUE MULTI-USE PATH  
 SCALE: SHEET 10 OF 11 SHEETS STA. 34+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	56
CONTRACT NO. 61E78			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



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 PLOT DATE = 5/31/2018

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
EUCLID AVENUE MULTI-USE PATH**  
 SCALE: SHEET 11 OF 11 SHEETS STA. 35+50.00 TO STA. 36+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1257	15-00115-00-BT	COOK	57	57
CONTRACT NO. 61E78				
ILLINOIS FED. AID PROJECT				