

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DuPage	40	1
ILLINOIS			CONTRACT NO.	61E31

1/19/2018 LETTING ITEM 106

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAU 3823 (POPLAR AVENUE)  
FAU 3824 (VALLETTE STREET) TO FAU 1393 (PARK AVENUE)  
RESURFACING AND SIDEWALK IMPROVEMENTS**

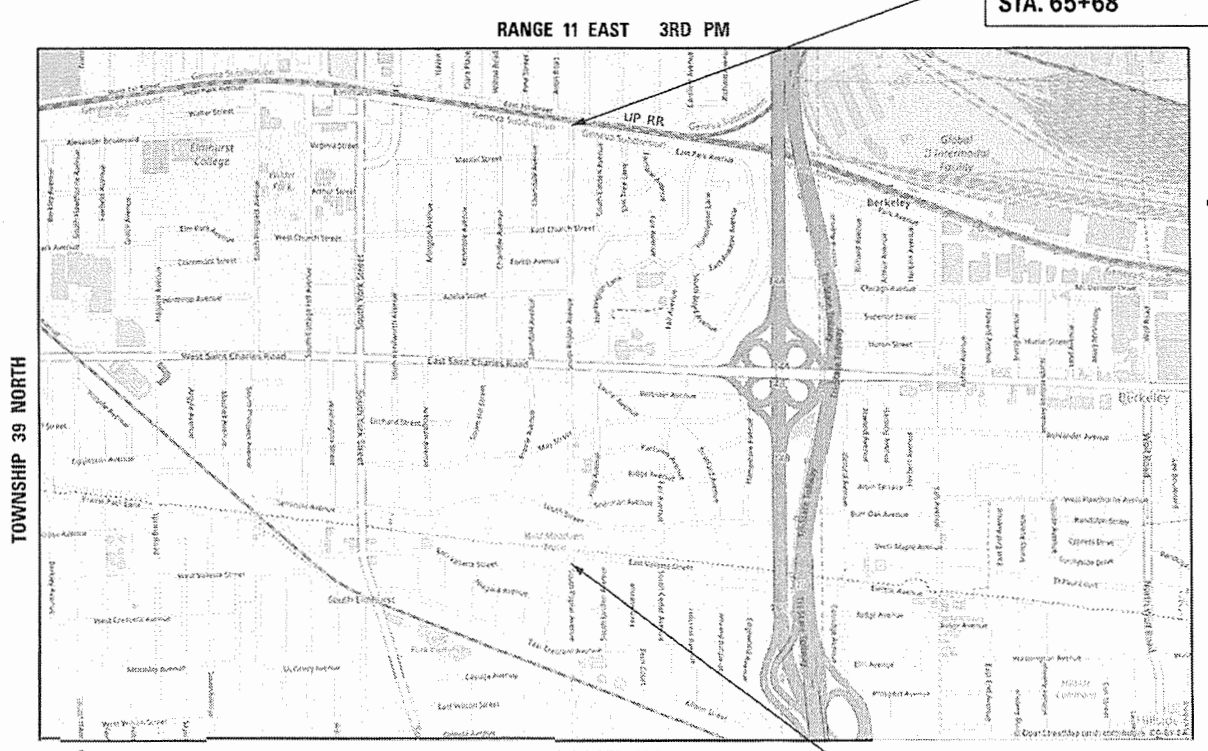
**SECTION 17-00190-00-RS  
PROJECT No. 1PE7(353)  
CITY OF ELMHURST  
DUPAGE COUNTY  
JOB NO. C-91-259-17**



FOR INDEX OF SHEETS AND HIGHWAY STANDARDS,  
SEE SHEET NO. 2

**TRAFFIC DATA  
POPLAR AVENUE**  
ADT = 4,150 (2012) 6,000 (2040)  
POSTED SPEED LIMIT = 25 MPH  
FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR

**END IMPROVEMENT  
STA. 65+68**

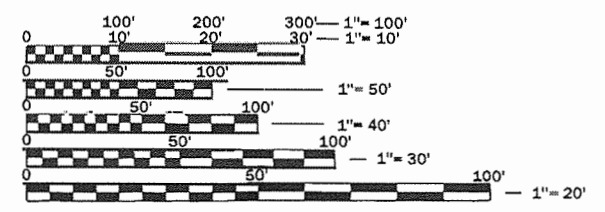


TOWNSHIP 39 NORTH

**York Township**

**LOCATION MAP**  
NET AND GROSS LENGTHS  
POPLAR AVE. = 5,518 FT. = 1.05 MILES

**BEGIN IMPROVEMENT  
STA. 10+50**



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.

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED October 5<sup>th</sup> 2017  
*[Signature]*  
CITY OF ELMHURST, CITY ENGINEER

PASSED October 27, 2017  
*[Signature]*  
DISTRICT-1 ENGINEER OF LOCAL ROADS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW October 30 2017  
*[Signature]*  
REGIONAL ENGINEER

DATE: 10/4/2017  
BY: *[Signature]*  
LIC: NS  
EXPIRES: 11/30/2017



**Hampton, Lenzini and Renwick, Inc.**  
Civil Engineers - Structural Engineers  
Land Surveyors - Environmental Services  
**HLR**  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
184.009959 847.697.6700 www.hlrengr.com  
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

PROJECT NUMBER : 17.0258.330      DATE : 10/2/2017

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLER, P.E. (847) 705-4406 SCHAUMBURG, IL

PROJECT ENGINEER: RANDAL G. NEWKIRK, P.E.  
PROJECT MANAGER: DIRK YUILL

CONTRACT NO. 61E31

## GENERAL NOTES

ALL WORK SHALL BE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED APRIL 1, 2016, (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2018; "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS"; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF ELMHURST IF ANY MUNICIPAL UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT OR PROTECTION IS NECESSARY.

THE LOCATION ON THE PLANS OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC AND PRIVATE UTILITIES IS APPROXIMATE AND THEIR EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.

ALL ELEVATIONS ARE NAVD88 DATUM.

WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS GENERATED FROM CONSTRUCTION OPERATIONS.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS AND CATCH BASINS.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR HIS WORK. ANY WORK THAT IS VANDALIZED OR OTHERWISE DAMAGED AND JUDGED UNACCEPTABLE BY THE ENGINEER SHALL BE REMOVED AND REPLACED.

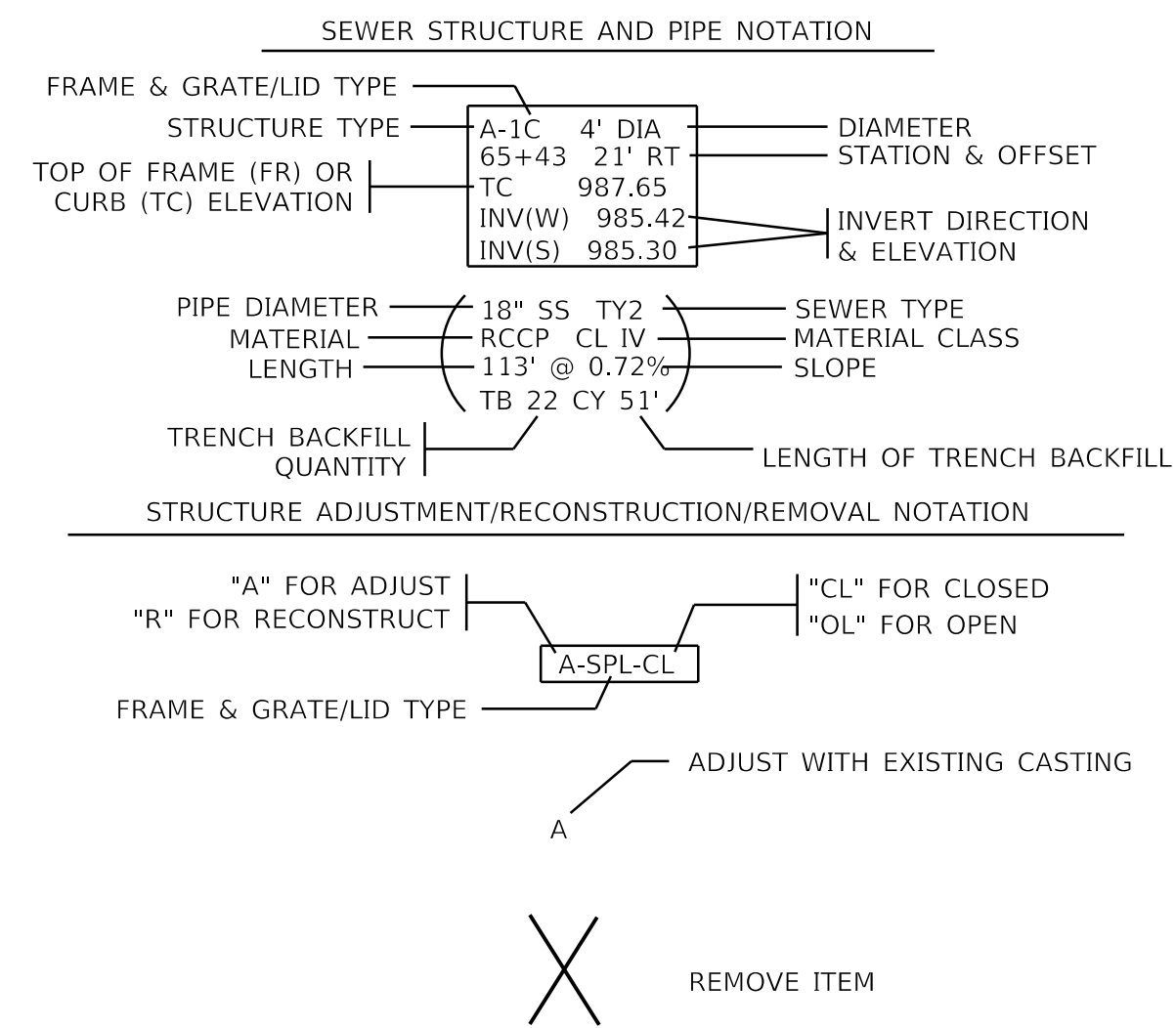
FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.

THE CONTRACTOR SHALL MAKE ANY MODIFICATIONS NECESSARY TO THE DETECTABLE WARNING PANELS TO FIT THE LOCATIONS OF EXISTING UTILITY STRUCTURES INCLUDING, BUT NOT LIMITED TO, GAS VALVES AND WATER VALVES.

EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE SCHEDULES CONTAINED HEREIN OR AS DIRECTED BY THE ENGINEER.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB

STRUCTURE LOCATIONS GIVEN ON THE PLANS ARE AS FOLLOWS:  
 A) FOR STRUCTURES FALLING IN THE CURB AND GUTTER - TO THE BACK OF CURB.  
 B) FOR OTHER LOCATIONS - TO THE CENTER OF THE STRUCTURE



HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
<b>PAVEMENT RESURFACING</b>	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5mm); 2"	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 1"	3.5% @ 50 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.
<b>DRIVEWAYS</b>	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5mm); 2"	4% @ 50 GYR.
HMA BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE SBS/SBR 76-22 AND FOR NON-POLYMERIZED HMA, THE "AC TYPE" SHALL BE PG 64-22 UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, LEGEND
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-6	ALIGNMENT, BENCHMARKS, AND CONTROL POINTS
7-9	SCHEDULES OF QUANTITIES
10-14	PLAN AND PAVEMENT MARKING SHEETS
15-31	INTERSECTION DETAILS
32-40	DISTRICT 1 DETAILS

## HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS

## LEGEND

	EXISTING BUSH
	EXISTING DECIDUOUS TREE & DIAMETER
	EXISTING EVERGREEN TREE & DIAMETER
	EXISTING DRAINAGE MANHOLE
	PROPOSED DRAINAGE MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED INLET
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND TELEPHONE
	EXISTING AERIAL POWER LINE
	EXISTING UNDERGROUND CABLE TV
	EXISTING SANITARY SEWER
	EXISTING WATERMAIN
	EXISTING ROW
	EXISTING LIGHT STANDARD
	EXISTING HANDHOLE
	MAIL BOX
	EXISTING UTILITY POLE
	DOMESTIC WATER SERVICE BOX
	PROPOSED SIDE CURB
	CLASS D PATCH, 7"
	SIDEWALK REMOVAL
	DETECTABLE WARNINGS
	TOPSOIL AND SEED
	EXISTING SIGN
	PROPOSED SIGN
	EXISTING ELEVATION
	PROPOSED ELEVATION

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POPLAR AVENUE  
INDEX OF SHEETS, GENERAL NOTES & LEGEND**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	2
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

SPECIAL PROVISION	CODE NUMBER	ITEM	UNIT	CONSTRUCTION CODE 0005 TOTAL QUANTITY
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	208
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,284
	21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100
	25000100	SEEDING, CLASS 1	ACRE	0.3
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	24
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	24
	25100630	EROSION CONTROL BLANKET	SQ YD	1,284
	28000510	INLET FILTERS	EACH	22
*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	100
*	30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	SQ YD	971
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,433
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,146
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2,293
	42001300	PROTECTIVE COAT	SQ YD	1,402
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	60
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,863
	42400800	DETECTABLE WARNINGS	SQ FT	605
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	19,105
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	120
	44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	1,107
	44000600	SIDEWALK REMOVAL	SQ FT	8,864
	44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	753
	44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	300
	44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	300
	44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	300
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	9
*	60250200	CATCH BASINS TO BE ADJUSTED	EACH	10

SPECIAL PROVISION	CODE NUMBER	ITEM	UNIT	CONSTRUCTION CODE 0005 TOTAL QUANTITY
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	9
	60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	2
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	52
	60500060	REMOVING INLETS	EACH	9
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,107
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	550
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	182
	72000100	SIGN PANEL - TYPE 1	SQ FT	61
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1
	72900200	METAL POST - TYPE B	FOOT	108
△	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	134
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,080
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,120
△	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	501
△	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	430
△	88600600	DETECTOR LOOP REPLACEMENT	FOOT	300
△ *	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1
*	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1
*	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	60
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52
*	Z0076600	TRAINEES	HOURS	500**
*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURS	500**

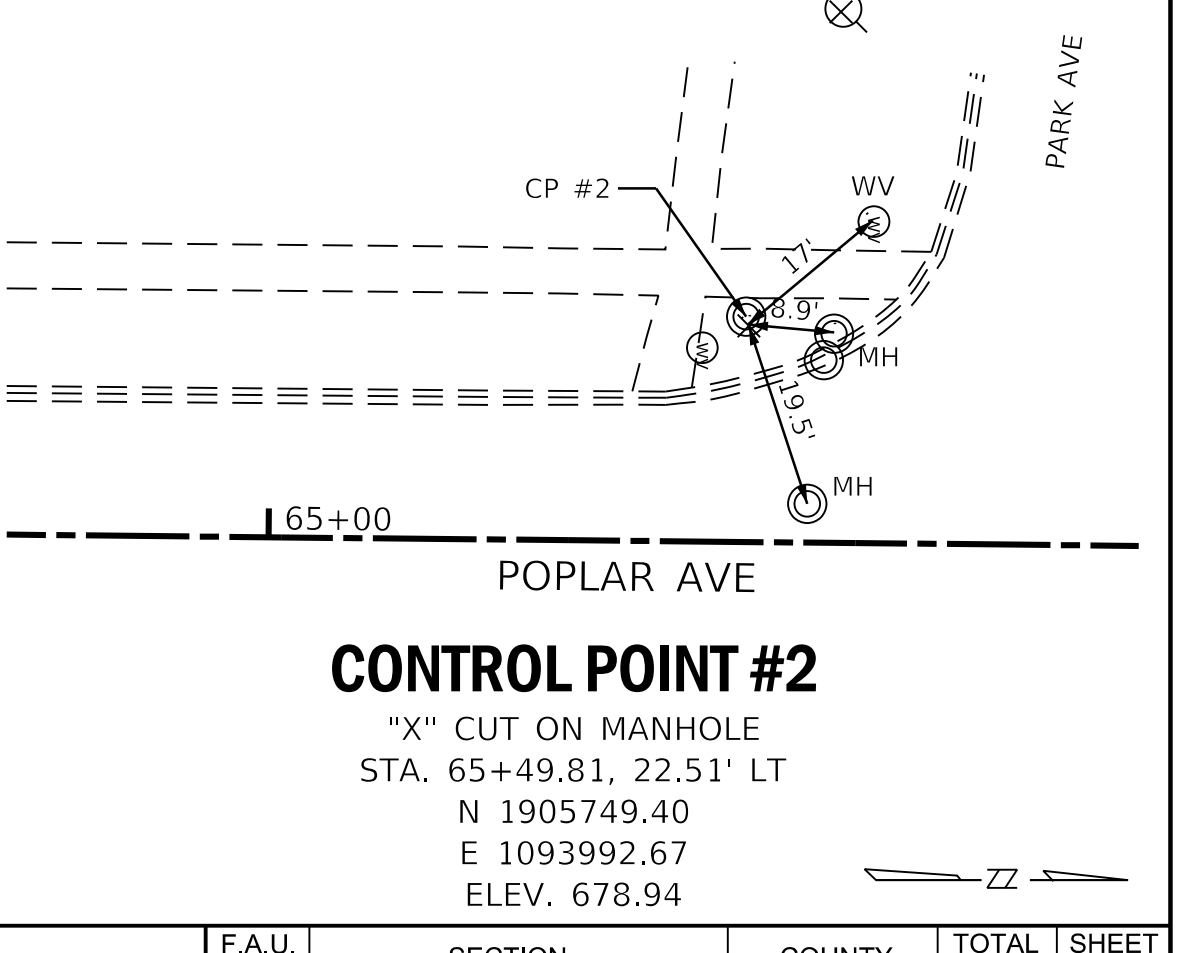
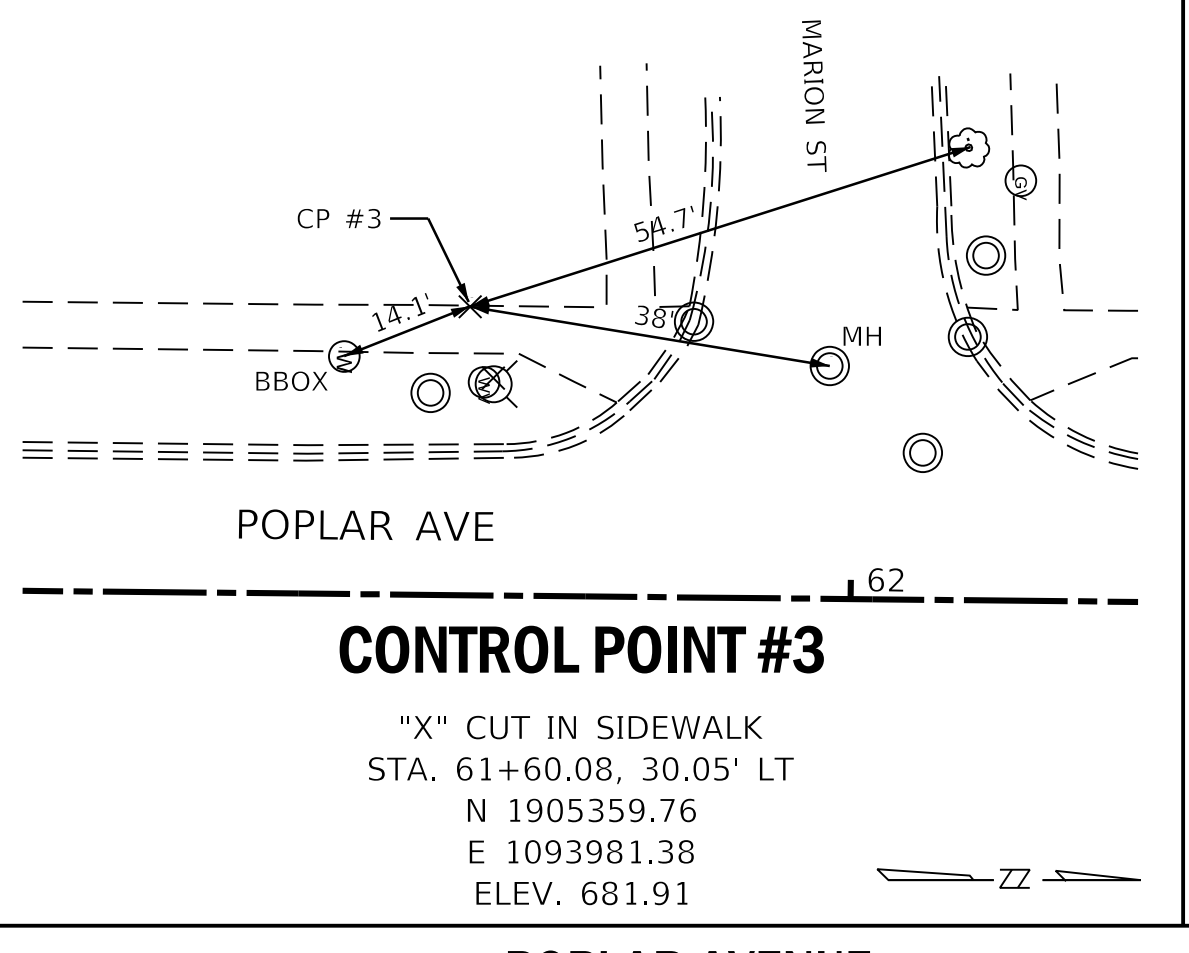
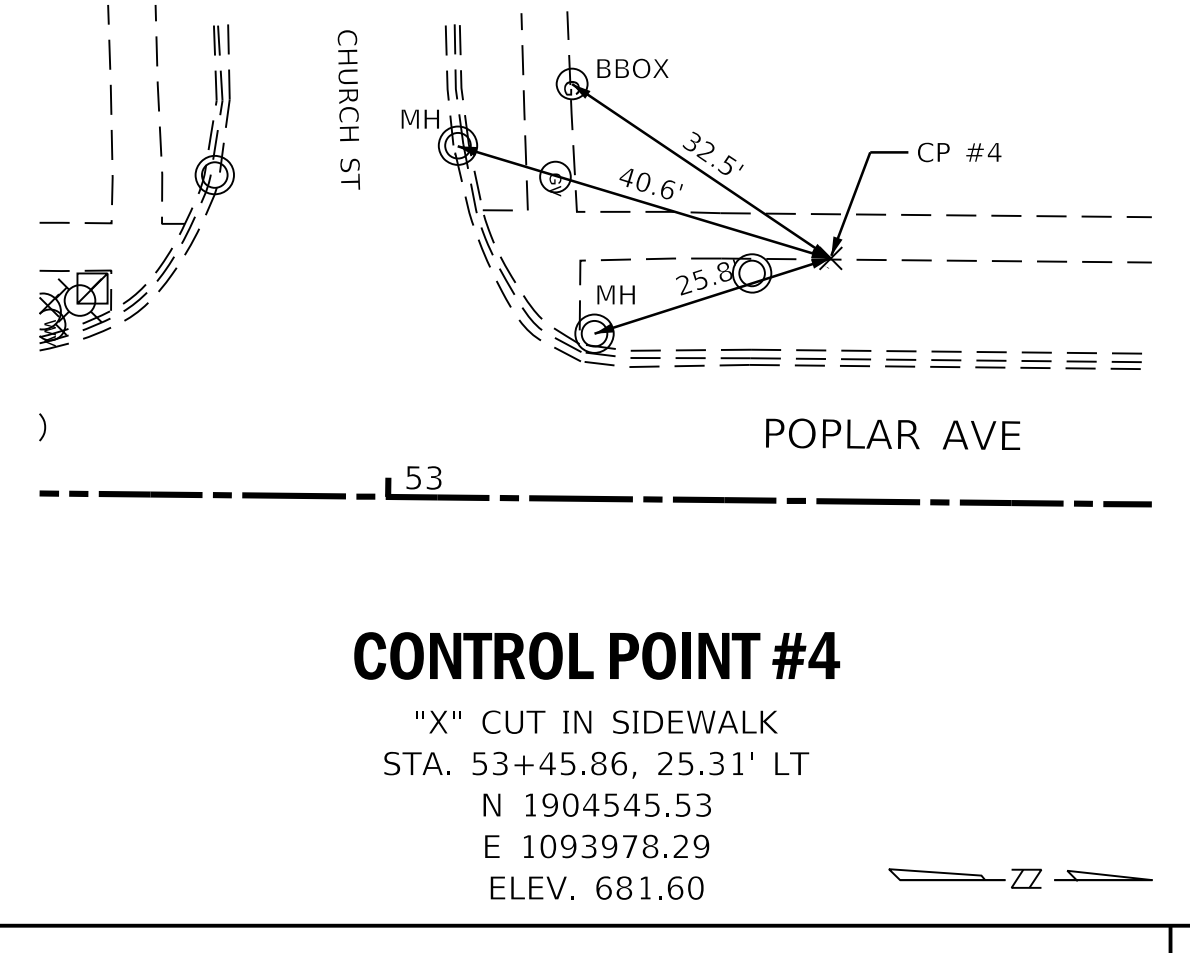
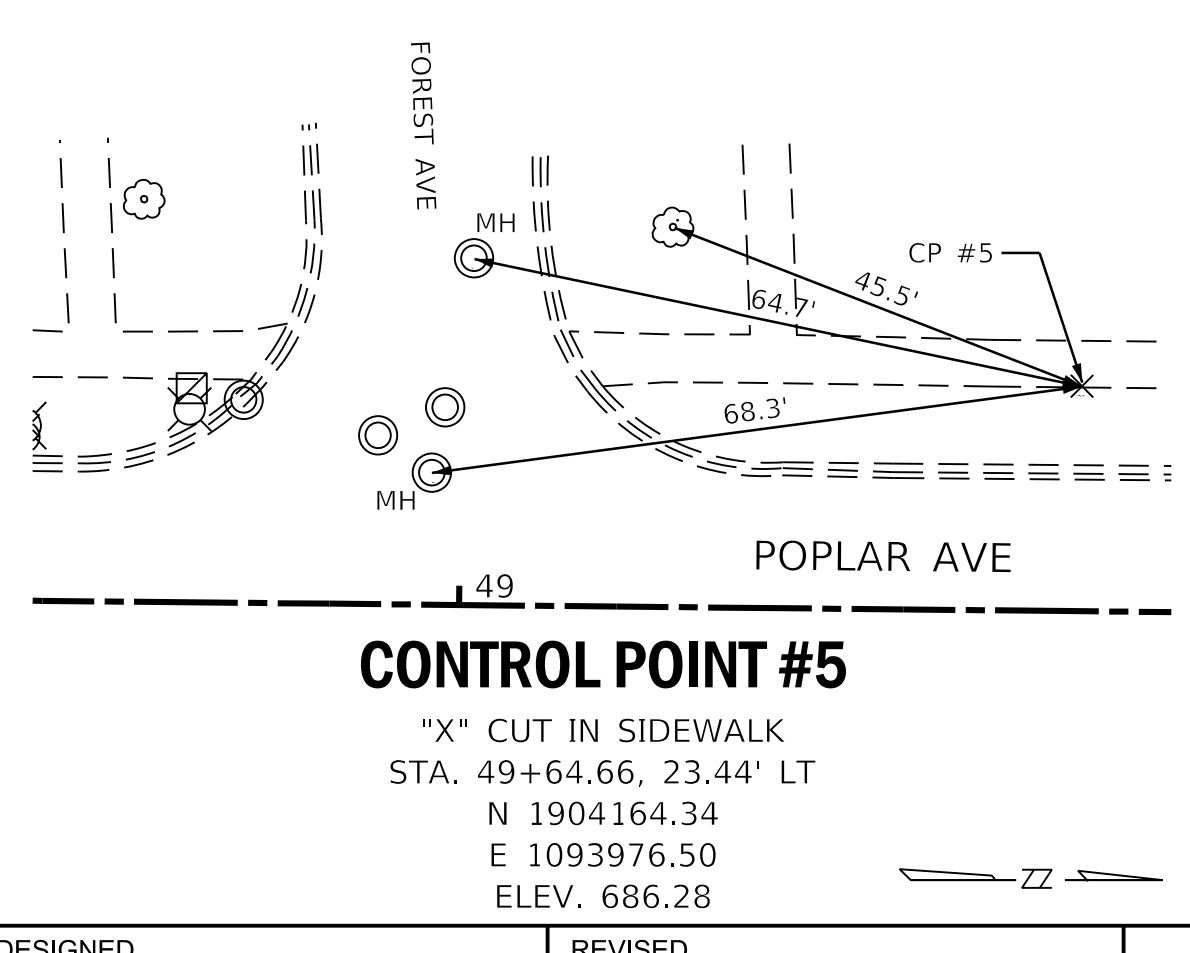
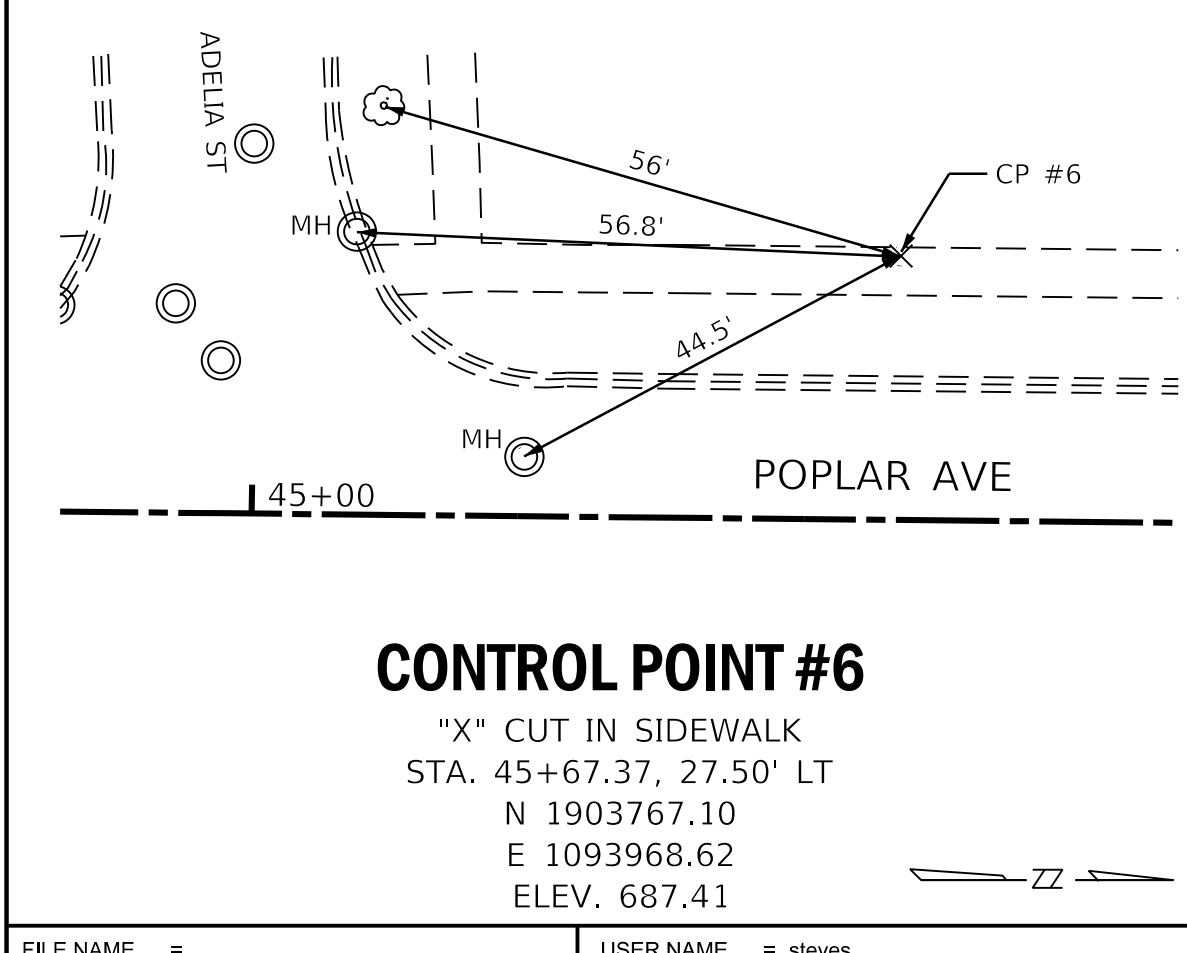
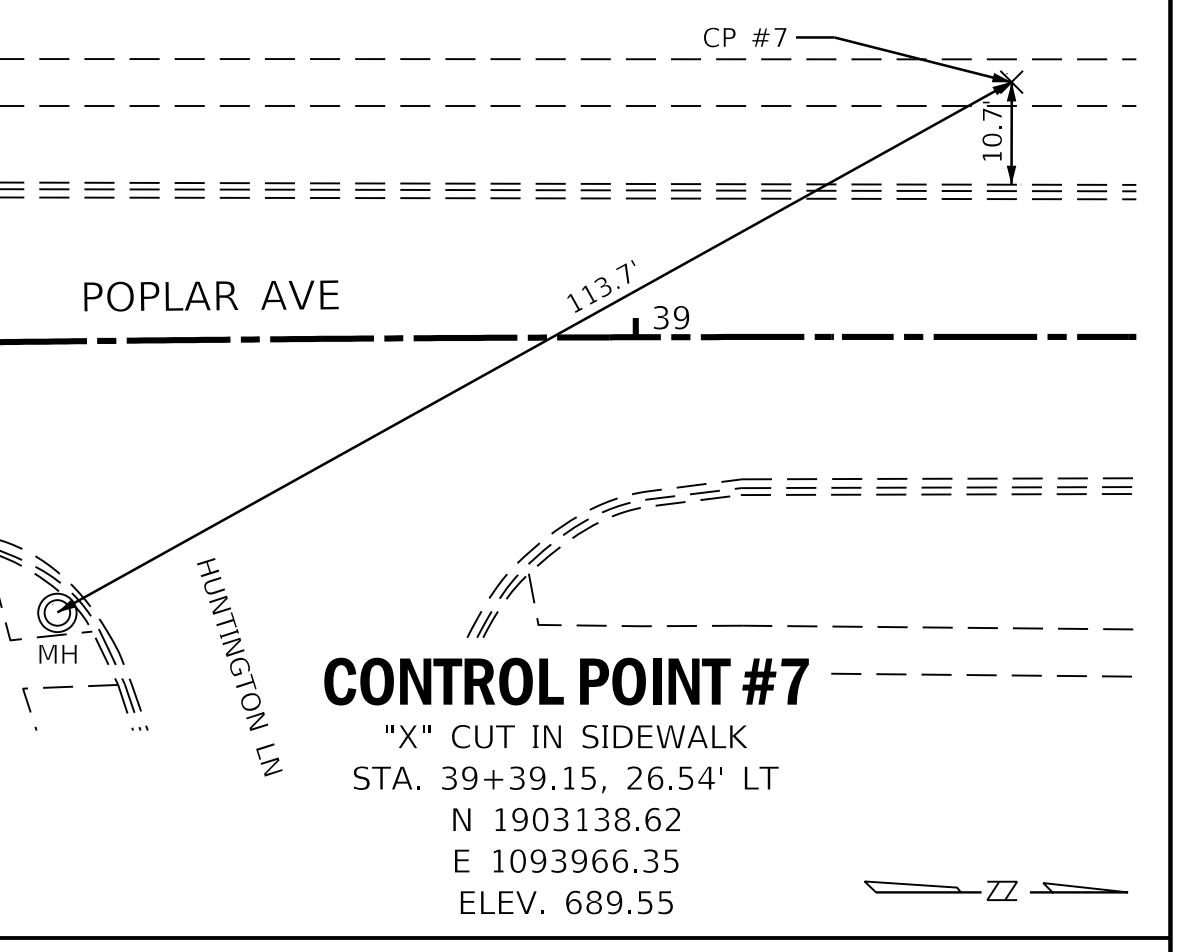
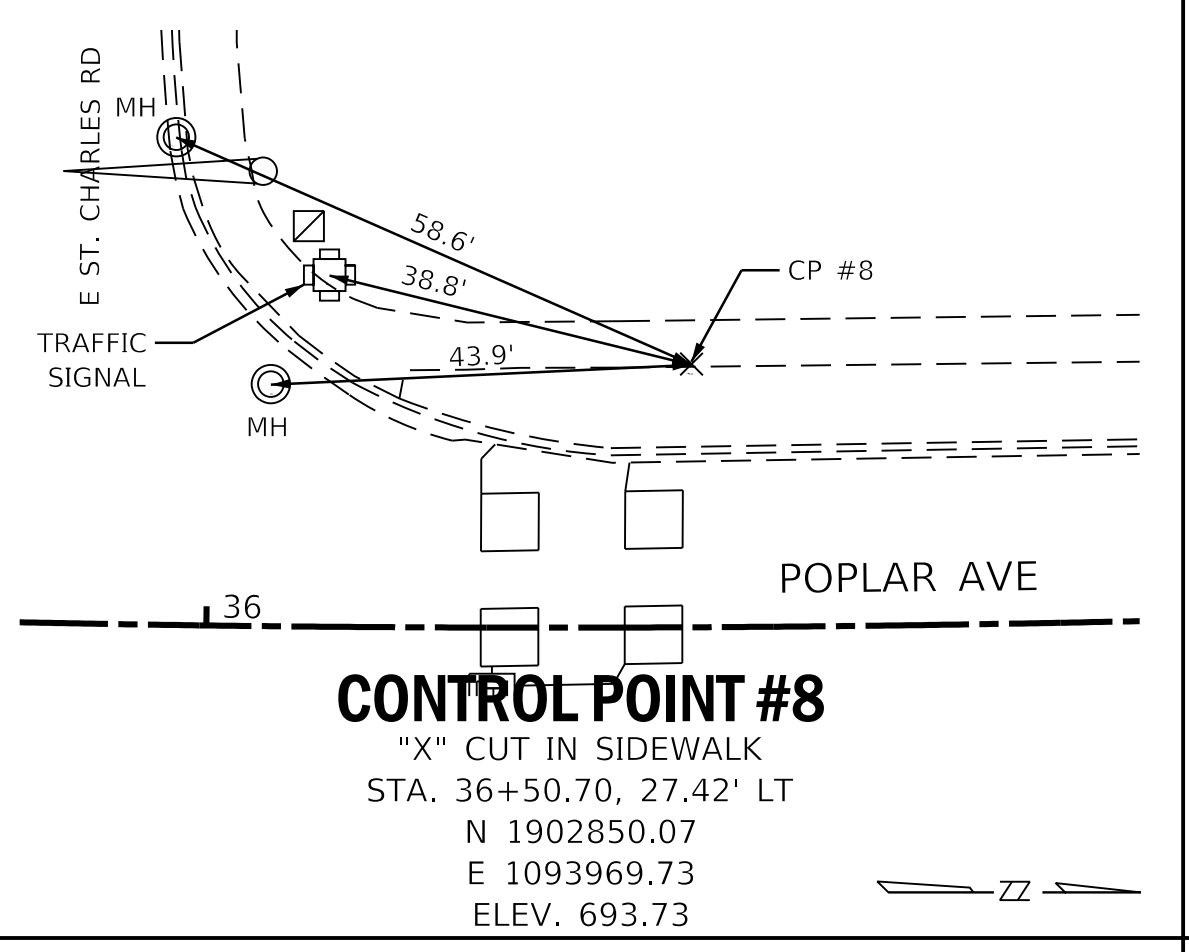
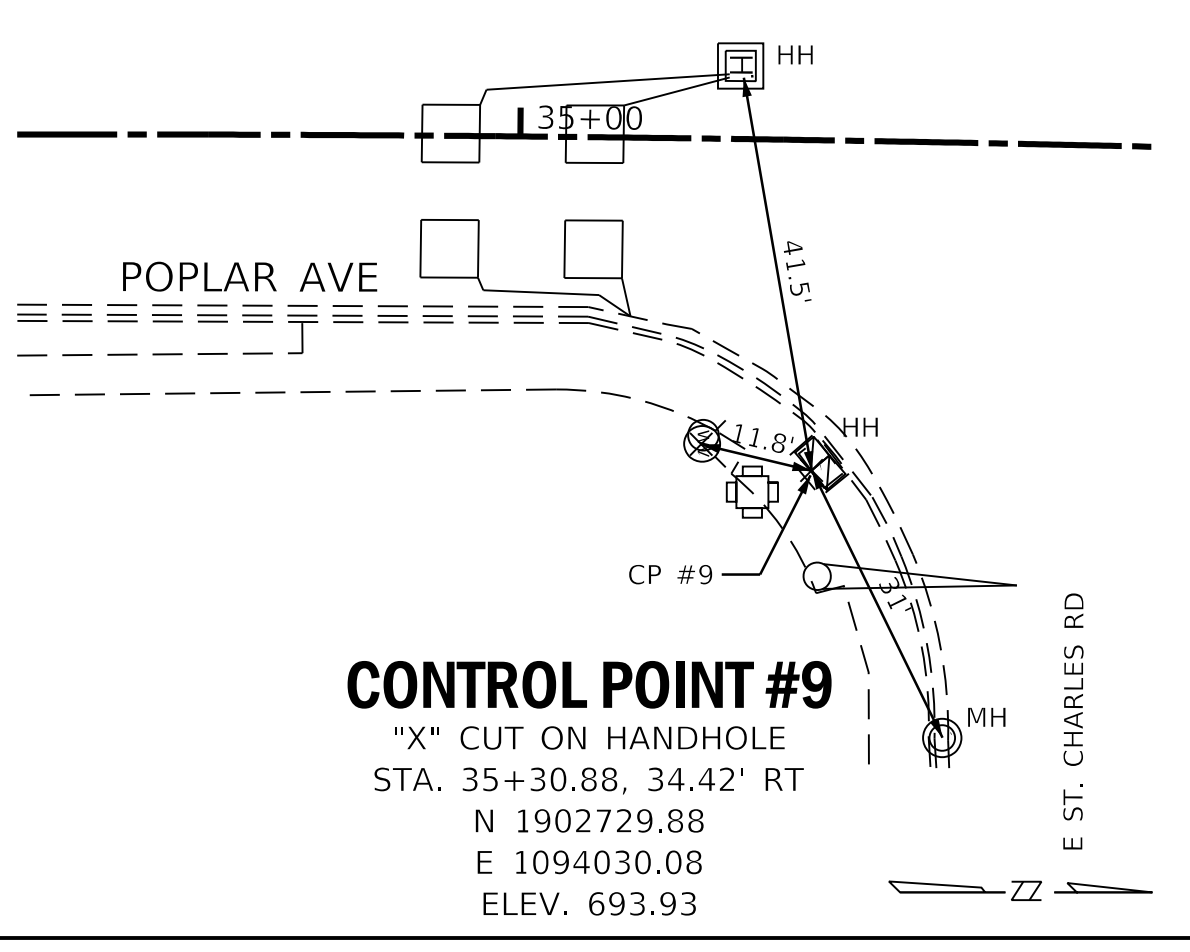
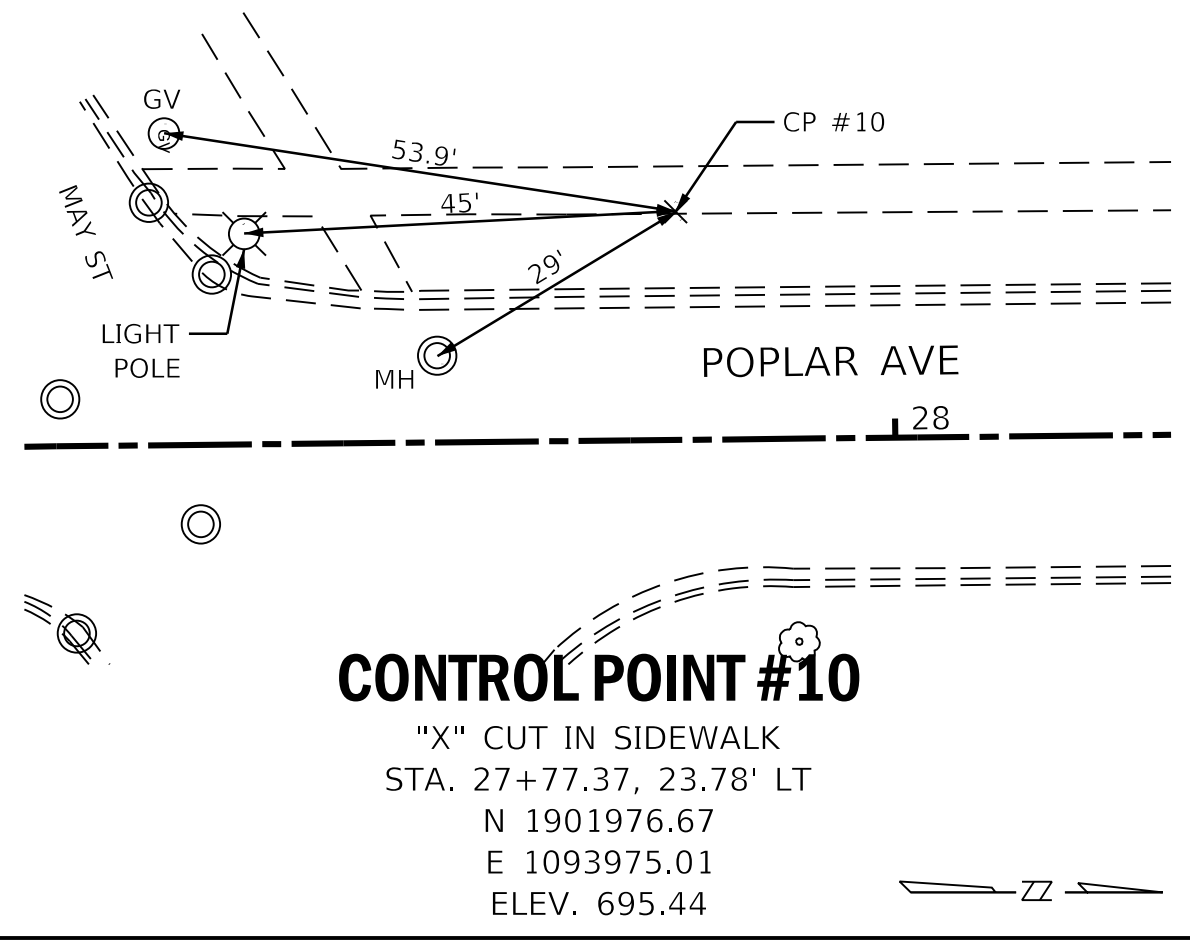
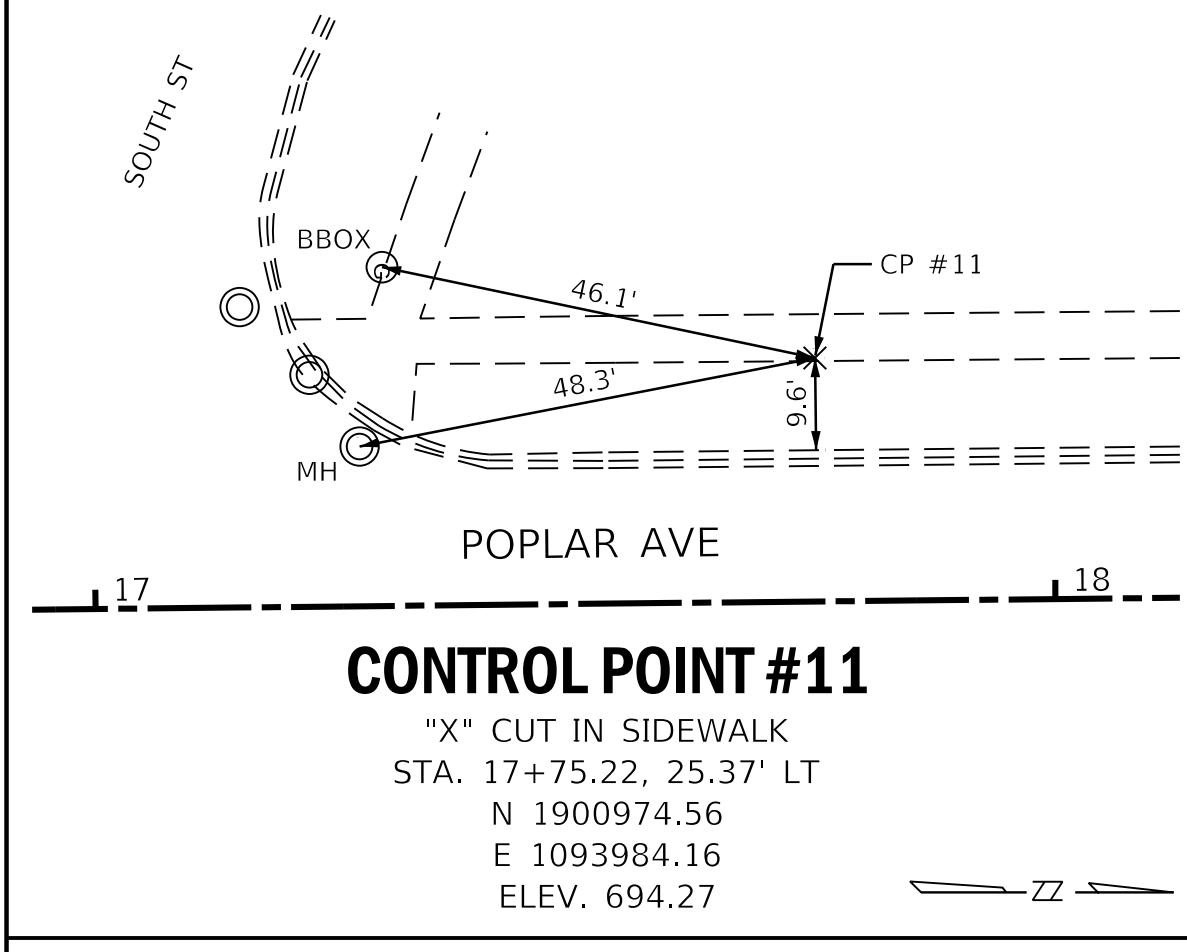
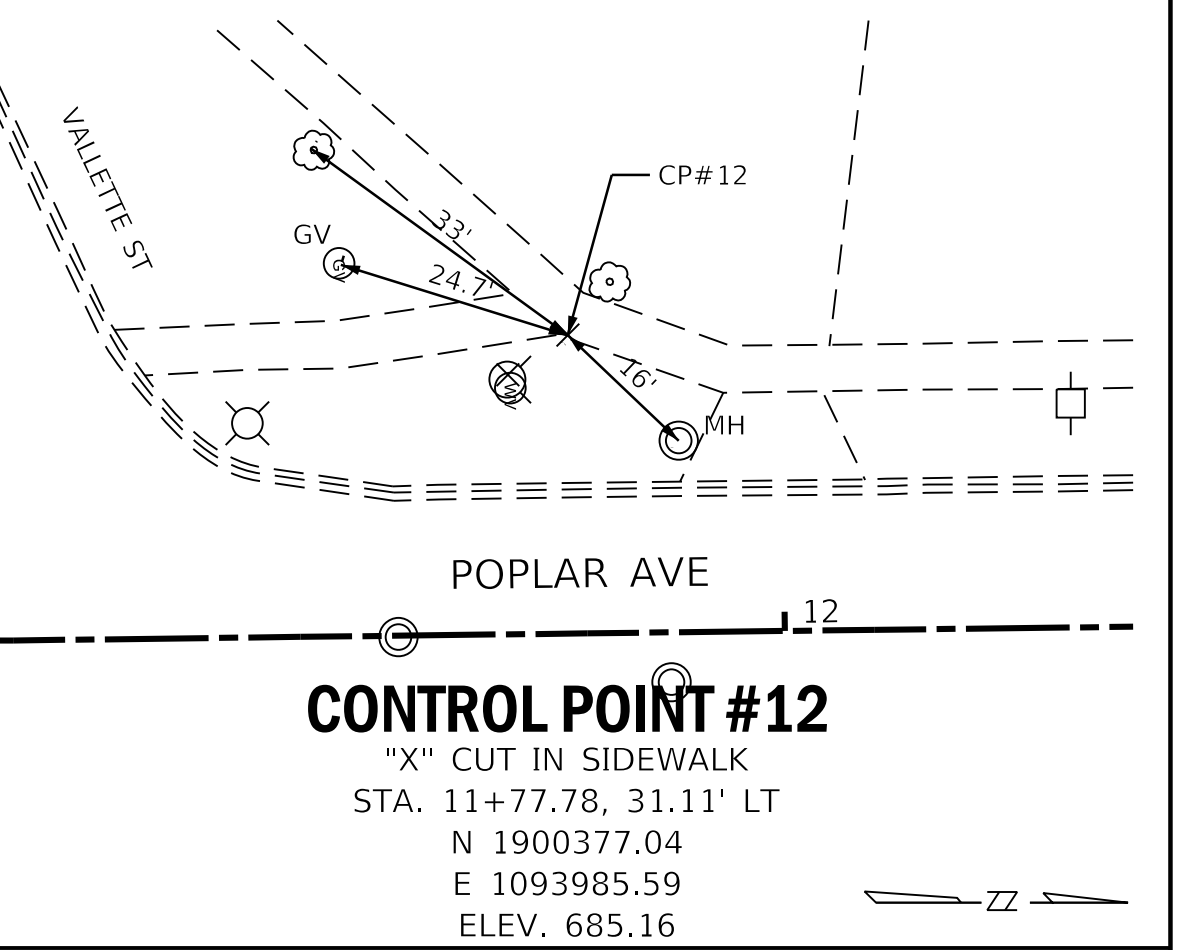
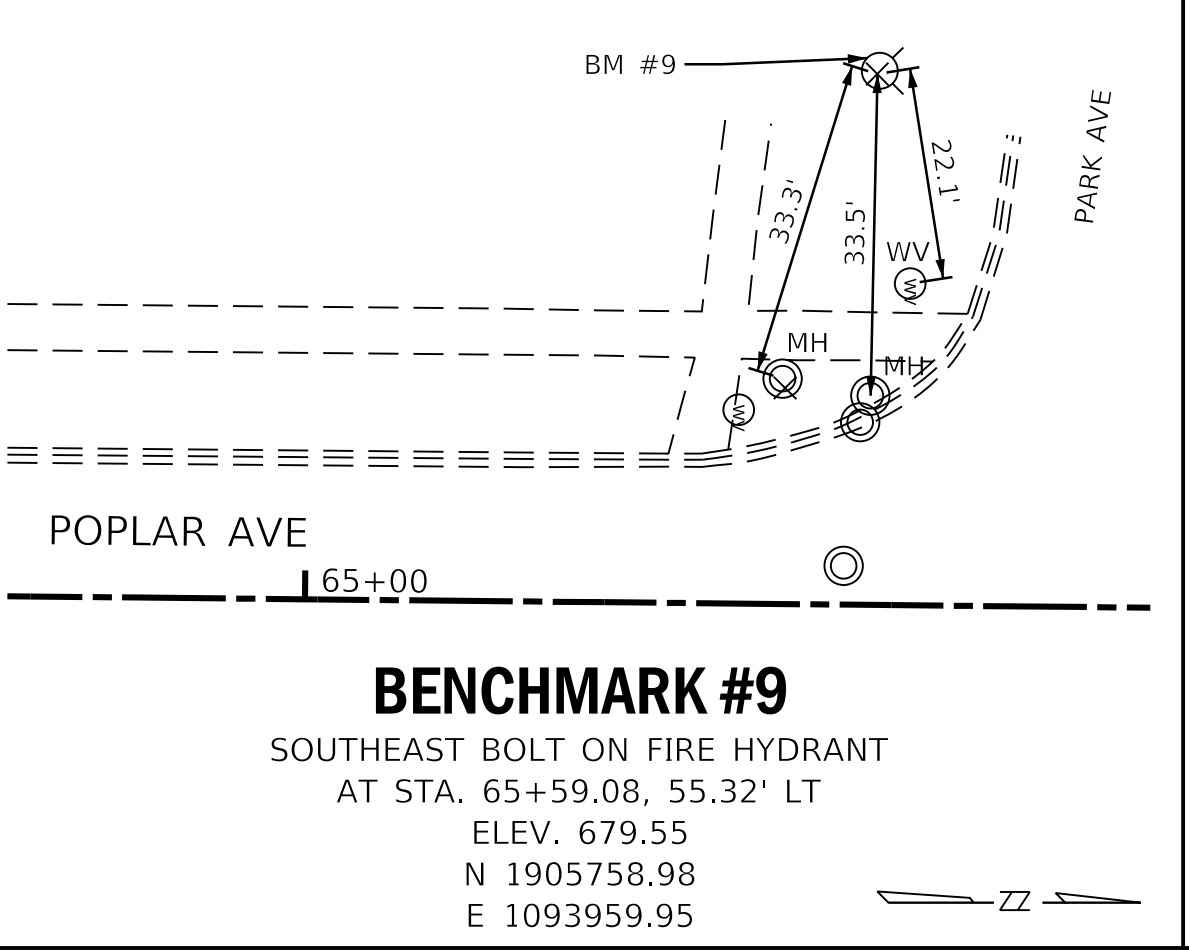
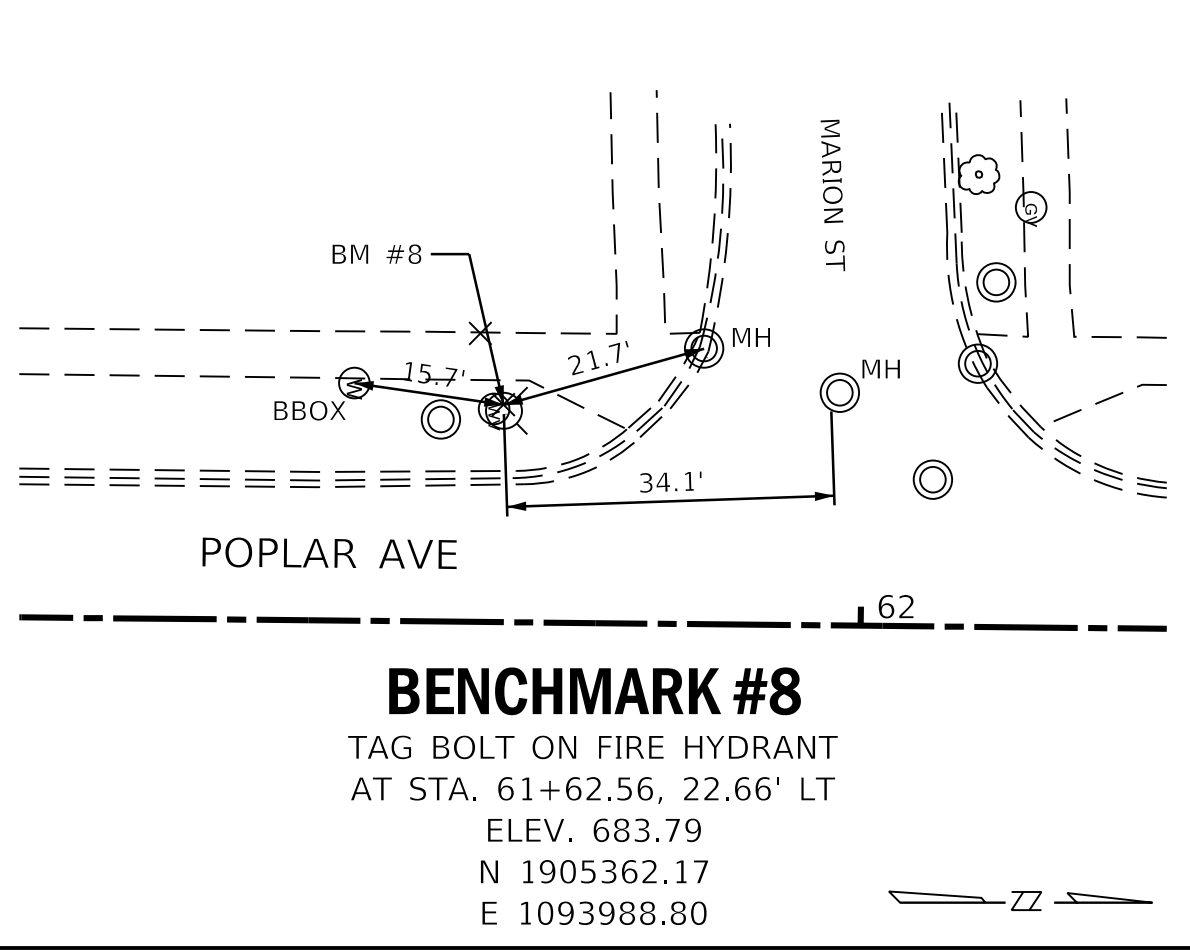
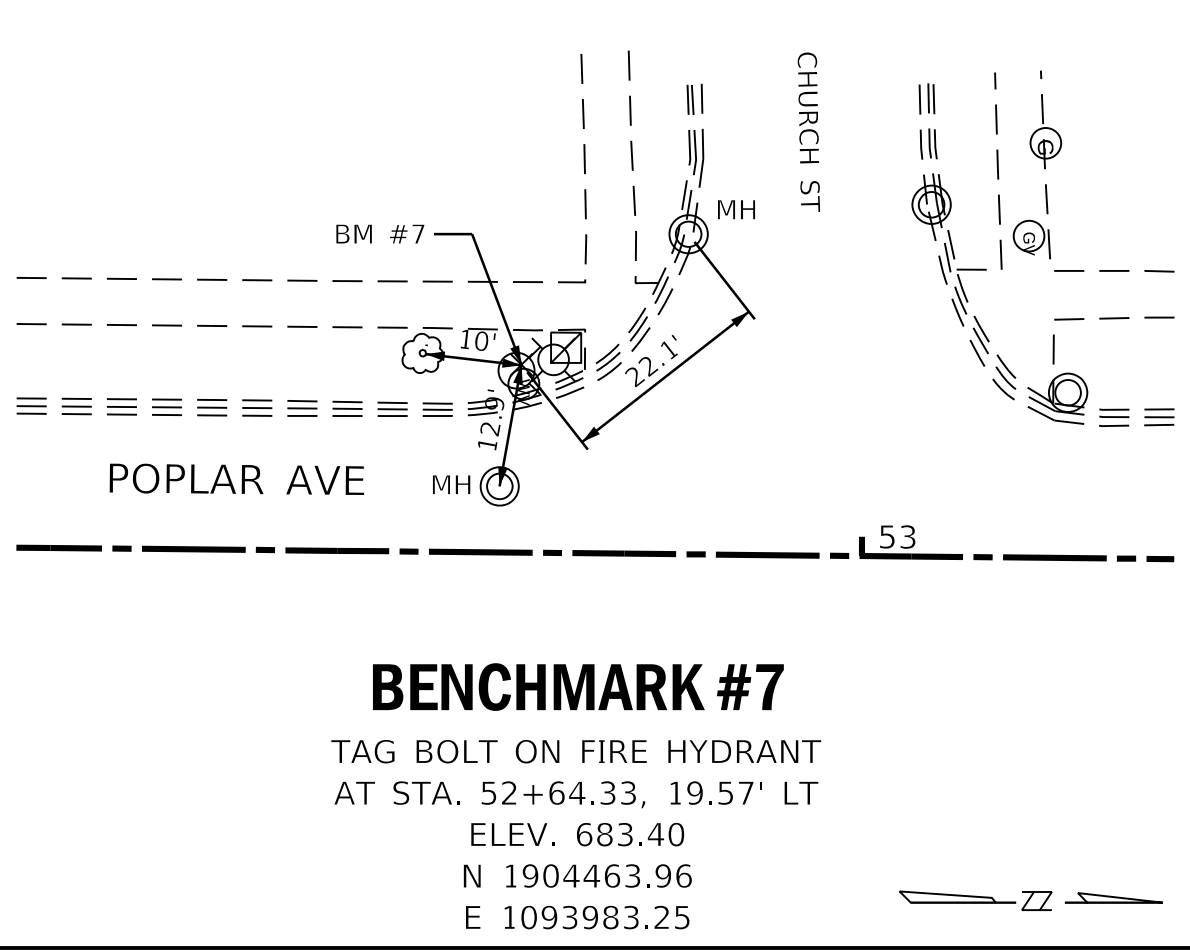
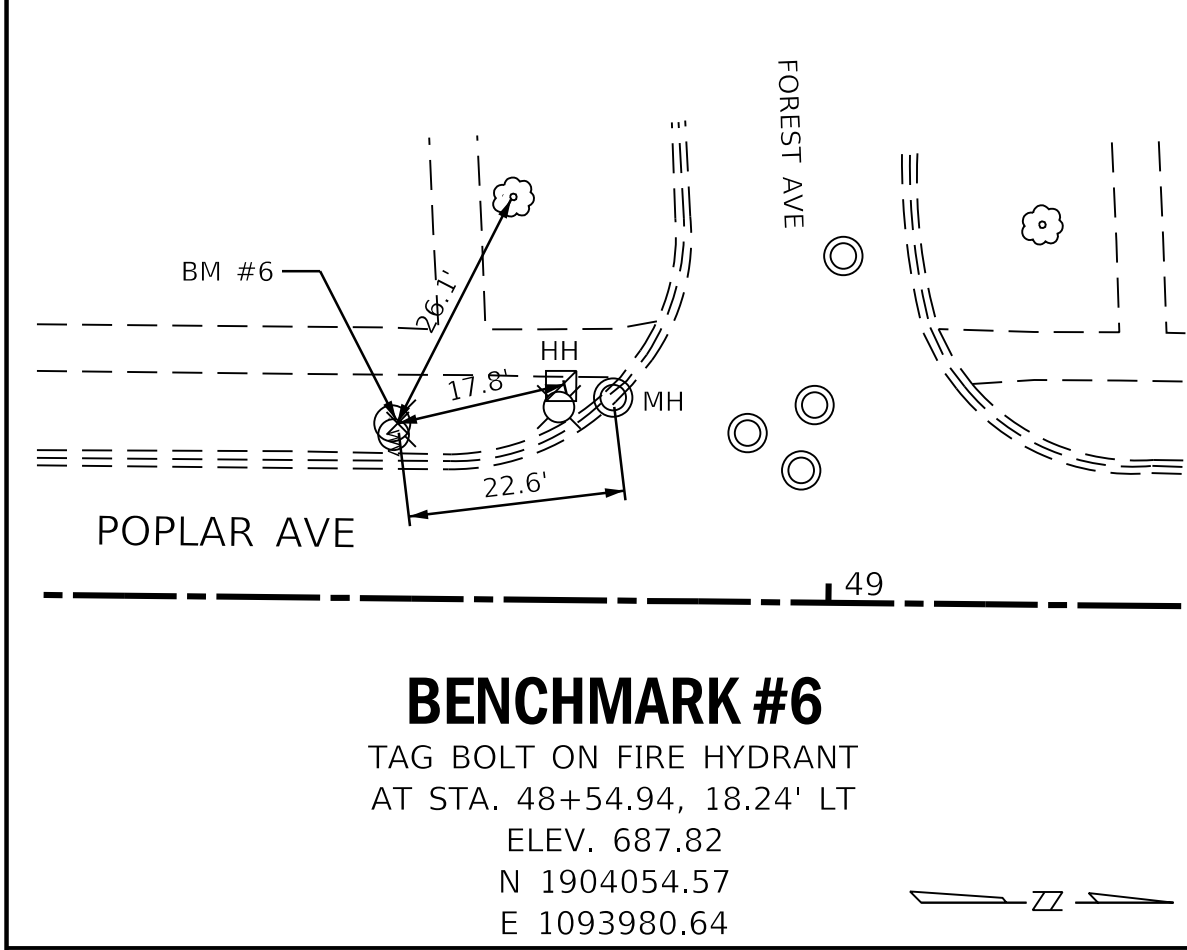
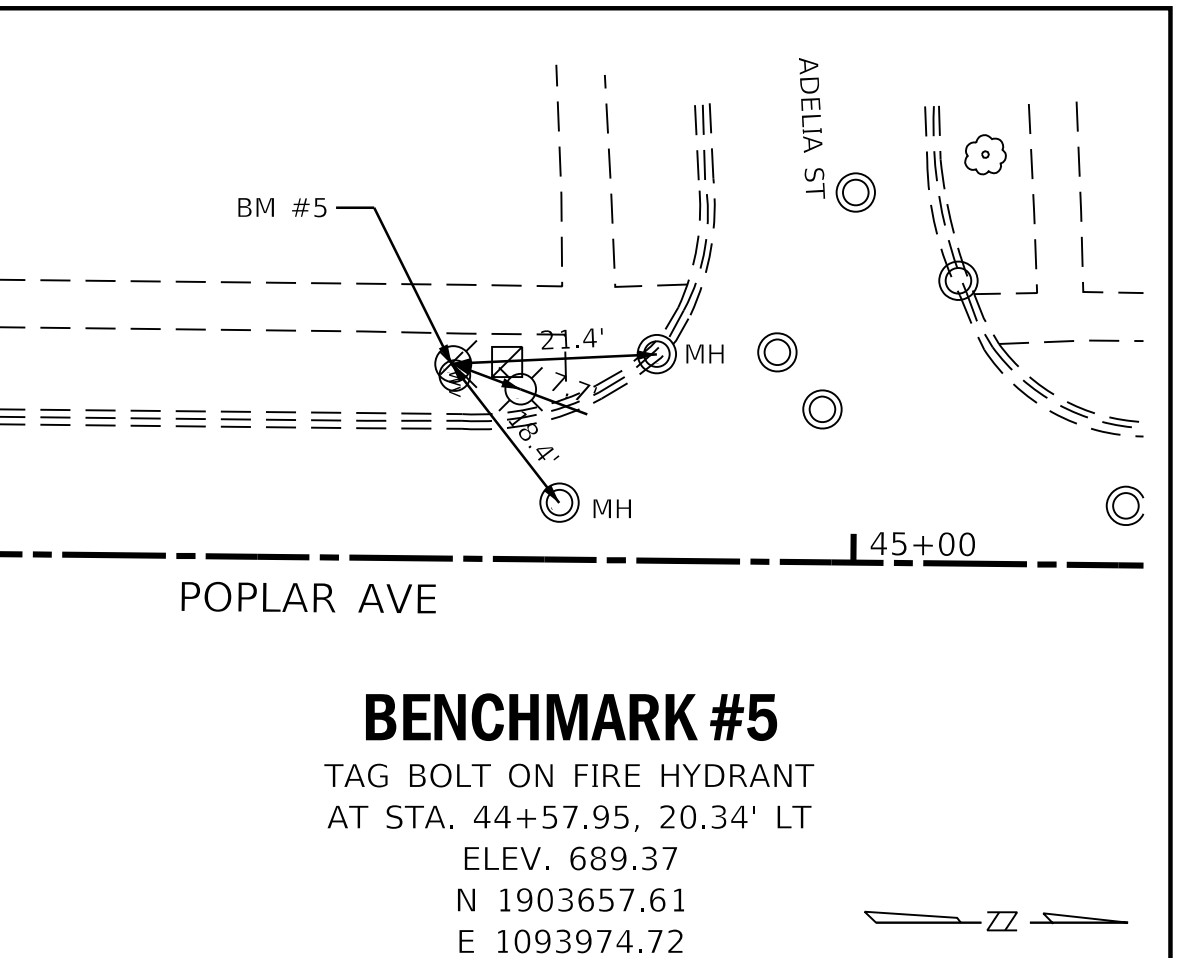
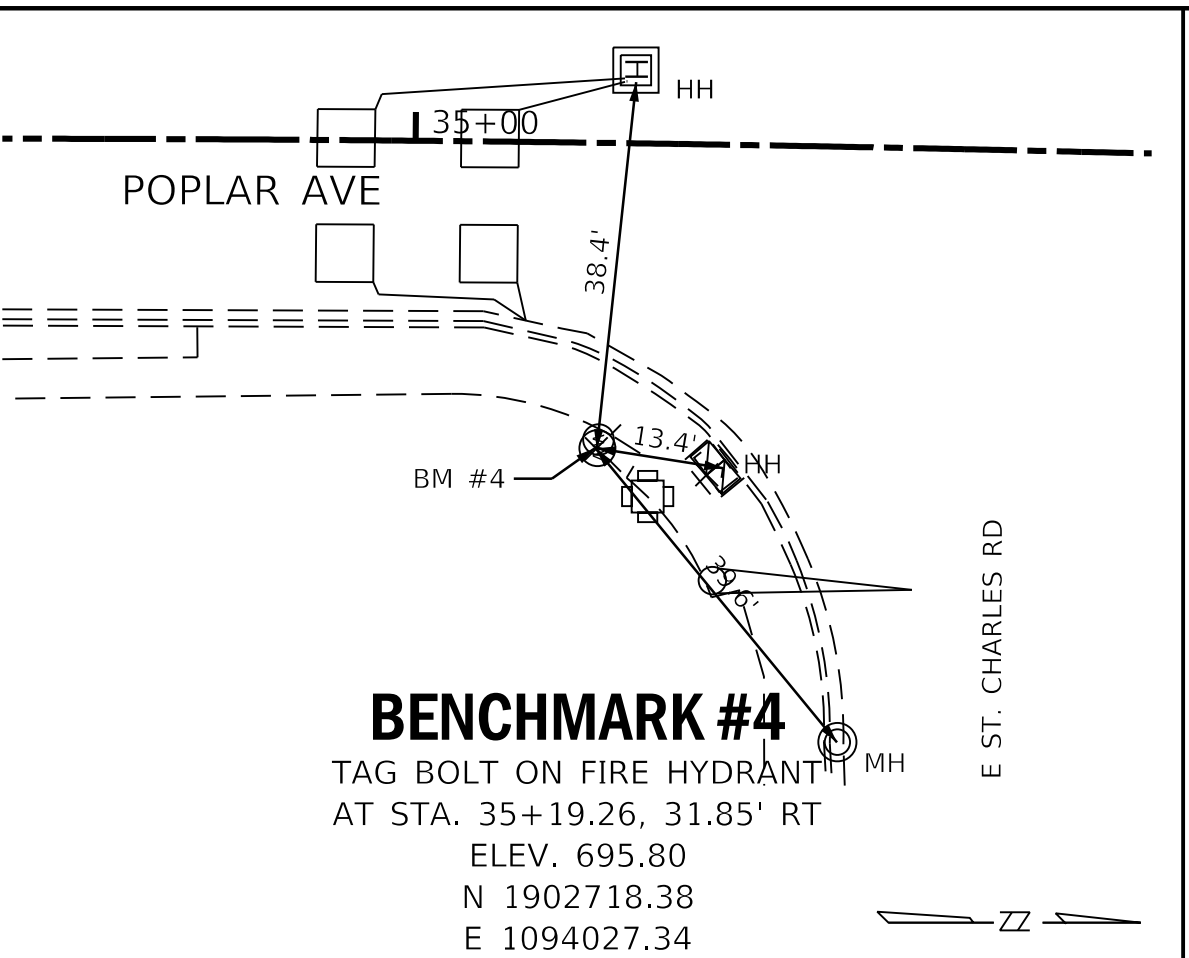
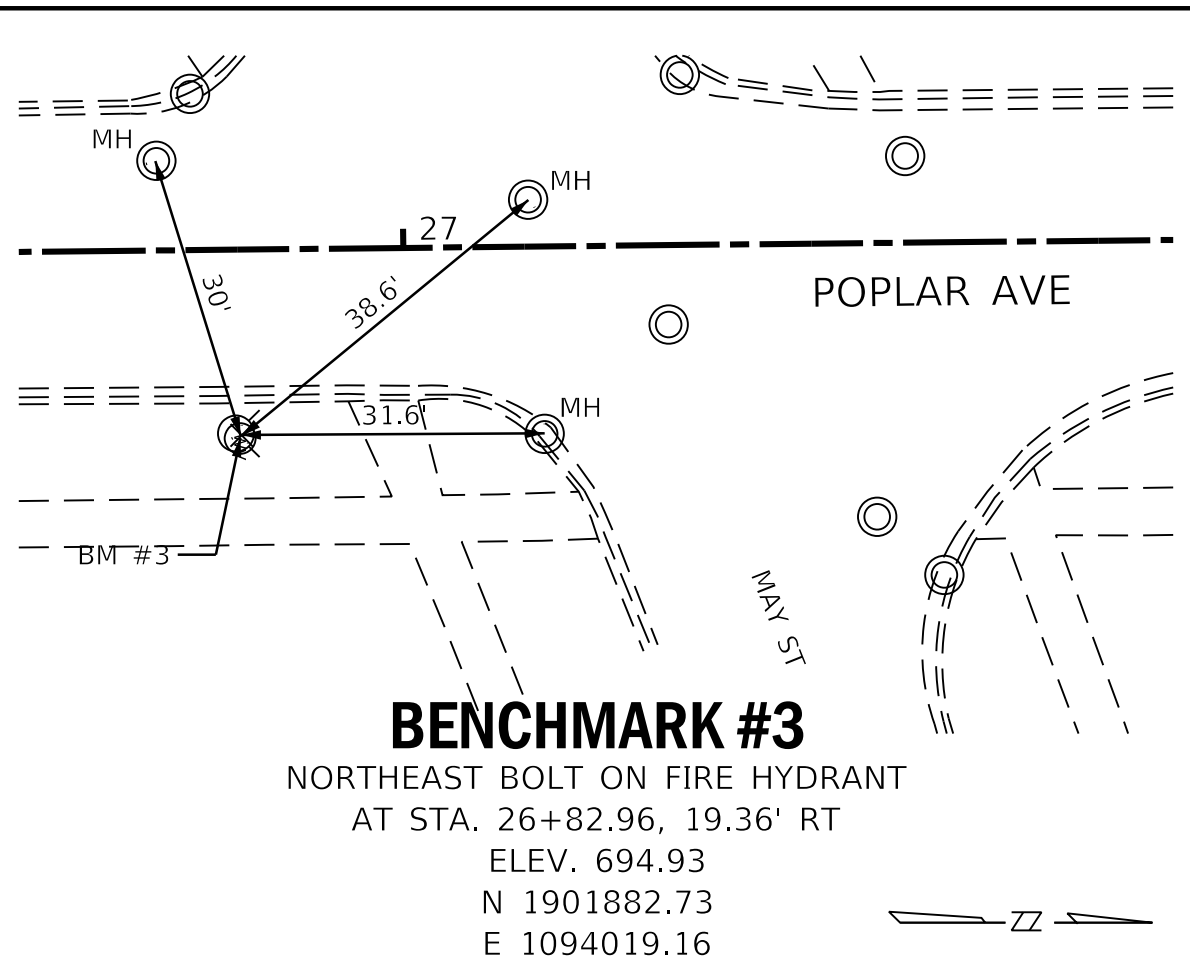
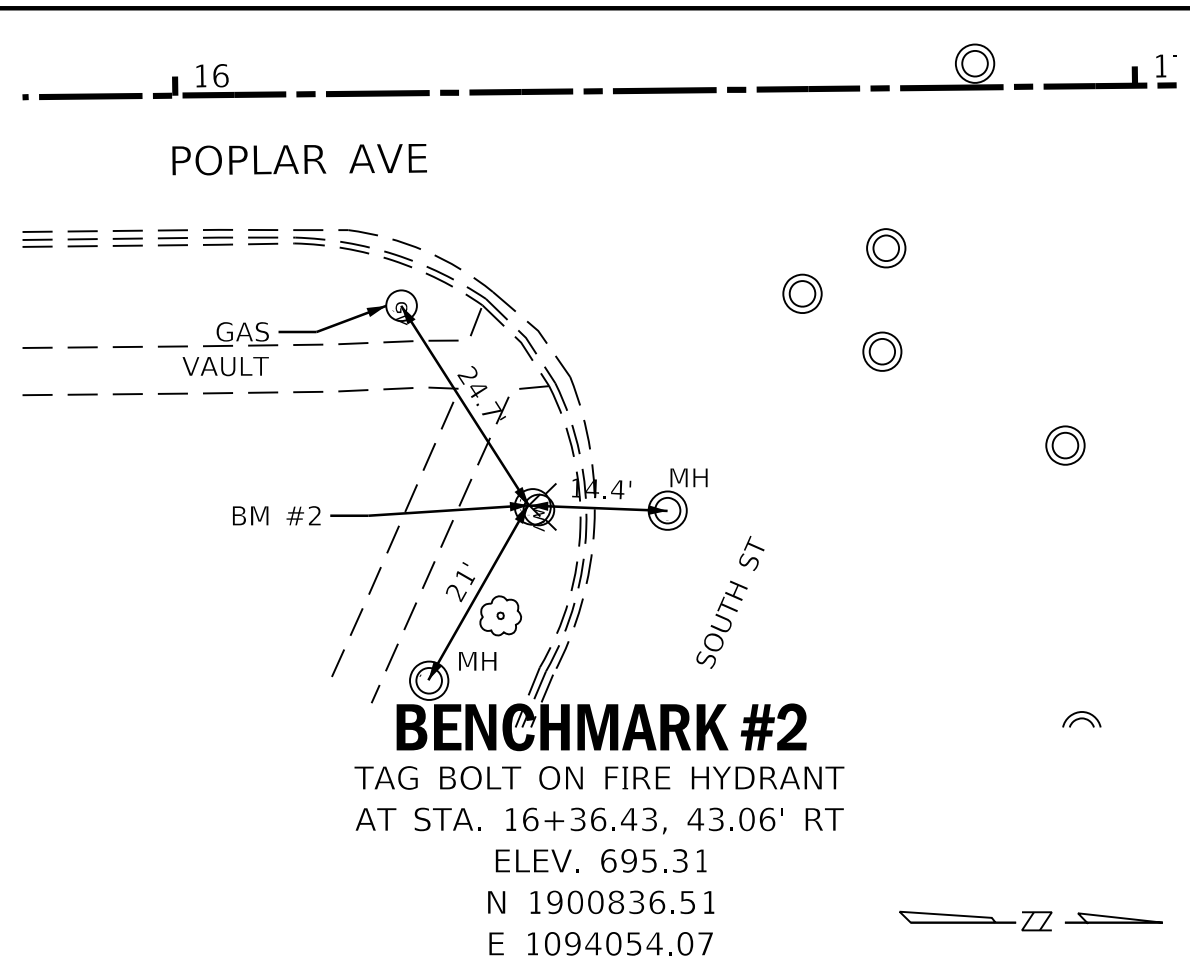
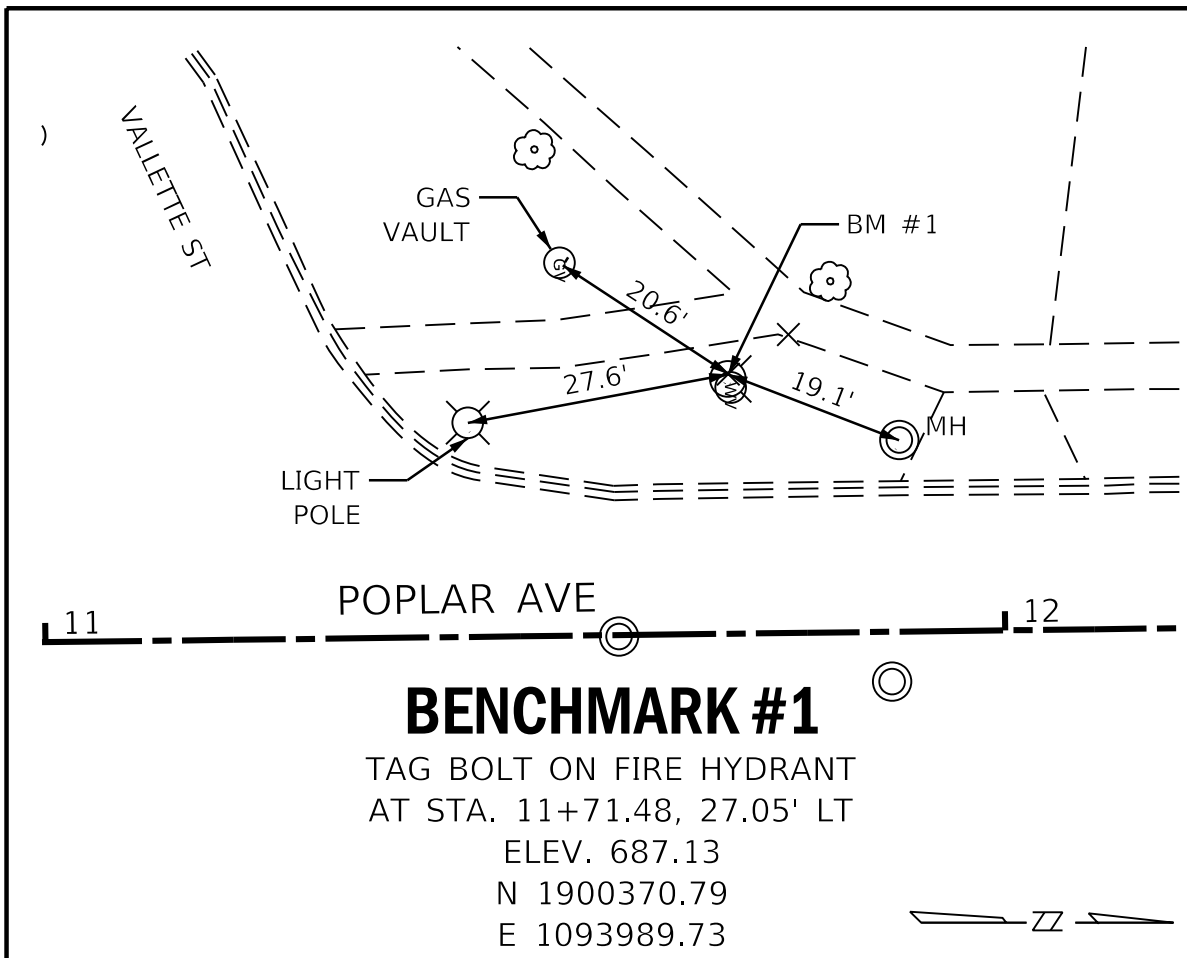
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\*\* CONSTRUCTION CODE 0042

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PLOT SCALE = 1:10000 / in.	PLOT DATE = 11/3/2017	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 61E31		
CHECKED -	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POPLAR AVENUE  
CONTROL POINTS AND BENCHMARKS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	6
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL							
30300104 AGGREGATE SUBGRADE IMPROVEMENT 4"							
42001300 PROTECTIVE COAT							
42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH							
42400800 DETECTABLE WARNINGS							
44000600 SIDEWALK REMOVAL							
CROSS STREET	LOCATION	SIDEWALK REMOVAL (SQ FT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SQ YD)	AGGREGATE SUBGRADE IMPROVEMENT 4" (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	PROTECTIVE COAT (SQ YD)
VALLETTE ST (S. LEG)	SW CORNER	166	2	16	143	10	16
VALLETTE ST (S. LEG)	NW CORNER	58	1	8	73	10	8
VALLETTE ST (S. LEG)	NE CORNER	-	-	-	-	-	-
VALLETTE ST (S. LEG)	SE CORNER	51	-	-	-	-	-
VALLETTE ST (N. LEG)	SW CORNER	176	3	29	261	10	29
VALLETTE ST (N. LEG)	NW CORNER	-	-	-	-	-	-
VALLETTE ST (N. LEG)	NE CORNER	324	6	54	489	10	54
VALLETTE ST (N. LEG)	SE CORNER	157	2	20	178	20	20
ILLINOIS PRARIE PATH	W SIDE	248	3	29	265	20	29
ILLINOIS PRARIE PATH	E SIDE		SEE VALLETTE ST (N.LEG) - SE CORNER			20	0
SOUTH ST	SW CORNER	242	3	29	262	20	29
SOUTH ST	NW CORNER	240	3	29	264	20	29
SOUTH ST	NE CORNER	246	4	39	351	28	39
SOUTH ST	SE CORNER	165	2	21	189	20	21
MAY ST	SW CORNER	253	3	29	259	20	29
MAY ST	NW CORNER	293	4	36	322	20	36
MAY ST	NE CORNER	206	3	25	224	22	25
MAY ST	SE CORNER	274	4	33	293	20	33
ST. CHARLES RD	SW CORNER	335	5	42	374	20	42
ST. CHARLES RD	NW CORNER	321	4	38	343	22	38
ST. CHARLES RD	NE CORNER	252	5	41	373	23	41
ST. CHARLES RD	SE CORNER	379	5	46	413	21	46
HUNTINGTON LN	SE CORNER	290	3	28	249	10	28
HUNTINGTON LN	NE CORNER	191	2	22	201	10	22
ADELIA ST	SW CORNER	203	2	21	185	10	21
ADELIA ST	NW CORNER	196	3	26	238	20	26
ADELIA ST	NE CORNER	104	3	23	207	10	23
FOREST AVE	SW CORNER	204	3	25	221	10	25
FOREST AVE	NW CORNER	214	3	25	224	10	25
CHURCH ST	SW CORNER	220	3	27	247	21	27
CHURCH ST	NW CORNER	190	3	24	215	32	24
CHURCH ST	NE CORNER	292	4	35	311	36	35
CHURCH ST	SE CORNER	321	4	40	359	20	40
MARION ST	SW CORNER	322	4	38	345	15	38
MARION ST	NW CORNER	223	3	26	232	15	26
PARK AVE	SW CORNER	308	4	37	337	20	37
PARK AVE	SE CORNER	80	1	11	96	10	11
<b>TOTALS</b>		<b>7744</b>	<b>108</b>	<b>971</b>	<b>8743</b>	<b>605</b>	<b>971</b>

42001300 PROTECTIVE COAT					
44000500 COMBINATION CURB AND GUTTER REMOVAL					
44201729 CLASS D PATCHES, TYPE 1					
60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12					
CROSS STREET	LOCATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	CLASS D PATCHES, TYPE 1 (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	PROTECTIVE COAT (SQ YD)
VALLETTE ST (S. LEG)	SW CORNER	31	6.9	31	7
VALLETTE ST (S. LEG)	NW CORNER	11	2.4	11	2
VALLETTE ST (S. LEG)	NE CORNER	-	-	-	-
VALLETTE ST (S. LEG)	SE CORNER	-	-	-	-
VALLETTE ST (N. LEG)	SW CORNER	11	2.4	11	2
VALLETTE ST (N. LEG)	NW CORNER	-	-	-	-
VALLETTE ST (N. LEG)	NE CORNER	14	3.1	14	3
VALLETTE ST (N. LEG)	SE CORNER	28	6.2	28	6
ILLINOIS PRARIE PATH	W SIDE	15	3.3	15	3
ILLINOIS PRARIE PATH	E SIDE	20	4.4	20	4
SOUTH ST	SW CORNER	23	5.1	23	5
SOUTH ST	NW CORNER	44	9.8	44	10
SOUTH ST	NE CORNER	34	7.6	34	8
SOUTH ST	SE CORNER	18	4.0	18	4
MAY ST	SW CORNER	17	3.8	17	4
MAY ST	NW CORNER	27	6.0	27	6
MAY ST	NE CORNER	19	4.2	19	4
MAY ST	SE CORNER	41	9.1	41	9
ST. CHARLES RD	SW CORNER	50	-	50	11
ST. CHARLES RD	NW CORNER	47	-	47	10
ST. CHARLES RD	NE CORNER	42	-	42	9
ST. CHARLES RD	SE CORNER	54	-	54	12
HUNTINGTON LN	SE CORNER	33	7.3	33	7
HUNTINGTON LN	NE CORNER	18	4.0	18	4
ADELIA ST	SW CORNER	22	4.9	22	5
ADELIA ST	NW CORNER	27	6.0	27	6
ADELIA ST	NE CORNER	10	2.2	10	2
FOREST AVE	SW CORNER	14	3.1	14	3
FOREST AVE	NW CORNER	13	2.9	13	3
CHURCH ST	SW CORNER	21	4.7	21	5
CHURCH ST	NW CORNER	29	6.4	29	6
CHURCH ST	NE CORNER	29	6.4	29	6
CHURCH ST	SE CORNER	38	8.4	38	8
MARION ST	SW CORNER	16	3.6	16	4
MARION ST	NW CORNER	14	3.1	14	3
PARK AVE	SW CORNER	43	9.6	43	10
PARK AVE	SE CORNER	10	2.2	10	2
<b>TOTALS</b>		<b>883</b>	<b>153</b>	<b>883</b>	<b>196</b>

21101615		TOPSOIL FURNISH AND PLACE, 4"						
25000100		SEEDING, CLASS 1						
25000400		NITROGEN FERTILIZER NUTRIENT						
25000600		POTASSIUM FERTILIZER NUTRIENT						
25100630		EROSION CONTROL BLANKET						
CROSS STREET	LOCATION	TOTAL AREA (SQ.FT)	TOTAL AREA (SQ.YD)	TOPSOIL FURNISH AND PLACE, 4" (SQ.YD)	SEEDING CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ.YD)
VALLETTE ST (S. LEG)	SW CORNER	305	33.9	33.9	0.01	1	1	33.9
VALLETTE ST (S. LEG)	NW CORNER	118	13.1	13.1	0.00	0	0	13.1
VALLETTE ST (S. LEG)	SE CORNER	156	17.3	17.3	0.00	0	0	17.3
VALLETTE ST (N. LEG)	SW CORNER	330	36.7	36.7	0.01	1	1	36.7
VALLETTE ST (N. LEG)	NE CORNER	445	49.4	49.4	0.01	1	1	49.4
VALLETTE ST (N. LEG)	SE CORNER	150	16.7	16.7	0.00	0	0	16.7
ILLINOIS PRARIE PATH	W SIDE	246	27.3	27.3	0.01	1	1	27.3
ILLINOIS PRARIE PATH	E SIDE	171	19.0	19.0	0.00	0	0	19.0
SOUTH ST	SW CORNER	304	33.8	33.8	0.01	1	1	33.8
SOUTH ST	NW CORNER	308	34.2	34.2	0.01	1	1	34.2
SOUTH ST	NE CORNER	390	43.3	43.3	0.01	1	1	43.3
SOUTH ST	SE CORNER	202	22.4	22.4	0.00	0	0	22.4
MAY ST	SW CORNER	336	37.3	37.3	0.01	1	1	37.3
MAY ST	NW CORNER	404	44.9	44.9	0.01	1	1	44.9
MAY ST	NE CORNER	311	34.6	34.6	0.01	1	1	34.6
MAY ST	SE CORNER	374	41.6	41.6	0.01	1	1	41.6
ST. CHARLES RD	SW CORNER	341	37.9	37.9	0.01	1	1	37.9
ST. CHARLES RD	NW CORNER	193	21.4	21.4	0.00	0	0	21.4
ST. CHARLES RD	NE CORNER	155	17.2	17.2	0.00	0	0	17.2
ST. CHARLES RD	SE CORNER	202	22.4	22.4	0.00	0	0	22.4
HUNTINGTON LN	SE CORNER	454	50.4	50.4	0.01	1	1	50.4
HUNTINGTON LN	NE CORNER	273	30.3	30.3	0.01	1	1	30.3
ADELIA ST	SW CORNER	231	25.7	25.7	0.01	0	0	25.7
ADELIA ST	NW CORNER	296	32.9	32.9	0.01	1	1	32.9
ADELIA ST	NE CORNER	205	22.8	22.8	0.00	0	0	22.8
FOREST AVE	SW CORNER	328	36.4	36.4	0.01	1	1	36.4
FOREST AVE	NW CORNER	346	38.4	38.4	0.01	1	1	38.4
CHURCH ST	SW CORNER	322	35.8	35.8	0.01	1	1	35.8
CHURCH ST	NW CORNER	184	20.4	20.4	0.00	0	0	20.4
CHURCH ST	NE CORNER	265	29.4	29.4	0.01	1	1	29.4
CHURCH ST	SE CORNER	454	50.4	50.4	0.01	1	1	50.4
MARION ST	SW CORNER	487	54.1	54.1	0.01	1	1	54.1
MARION ST	NW CORNER	315	35.0	35.0	0.01	1	1	35.0
PARK AVE	SW CORNER	450	50.0	50.0	0.01	1	1	50.0
PARK AVE	SE CORNER	156	17.3	17.3	0.00	0	0	17.3
<b>TOTALS</b>			<b>1134.1</b>	<b>1134</b>	<b>0.23</b>	<b>21</b>	<b>21</b>	<b>1134</b>

72000100		SIGN PANEL - TYPE 1		
72400500		RELOCATE SIGN PANEL ASSEMBLY - TYPE A		
72900200		METAL POST - TYPE B		
STATION	REFERENCE	SIGN PANEL - TYPE 1 (SQ.FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	METAL POST - TYPE B (FOOT)
10+85	42' LT	2		
11+58	18' RT		1	
12+56	18' RT	8.25		15.5
12+69	18' LT	8.25		15.5
16+37	34' RT	8.25		15.5
17+12	37' RT	8.25		15.5
45+18	18' RT	8.25		15.5
45+27	18' LT	8.25		15.5
64+30	18' RT	9		15
<b>TOTALS</b>		<b>61</b>	<b>1</b>	<b>108</b>

40600290		BITUMINOUS MATERIALS (TACK COAT)							
40600827		POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50							
40603335		HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50							
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"							
STATION BEGIN	STATION END	LENGTH (FOOT)	PAVEMENT AVE WIDTH (FOOT)	AREA OF SIDE STREETS (SQ.YD)	TOTAL AREA OF PAVEMENT (SQ.YD)	BITUMINOUS MATERIAL (TACK COAT) (POUND)	POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50 (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ.YD)
1050	1600	550	28	333	2044	153	123	245	2044
1600	2200	600	28	444	2311	173	139	277	2311
2200	2800	600	28	261	2128	160	128	255	2128
2800	3180	380	28	0	1182	89	71	142	1182
3180	3400	220	32	0	782	59	47	94	782
3400	3515	115	36	0	460	35	28	55	460
3625	3820	195	36	0	780	59	47	94	780
3820	4000	180	32	150	790	59	47	95	790
4000	4600	600	28	119	1986	149	119	238	1986
4600	5200	600	28	119	1986	149	119	238	1986
5200	5800	600	28	247	2114	159	127	254	2114
5800	6400	600	28	100	1967	148	118	236	1967
6400	6565	165	28	63	576	43	35	69	576
<b>TOTALS</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
						<b>1433</b>	<b>1146</b>	<b>2293</b>	<b>19105</b>

28000510			INLET AND PIPE PROTECTION	
STATION	REFERENCE		INLET FILTERS (EACH)	
16+77	LT		1	
17+23	LT		1	
17+17	RT		1	
26+78	LT		1	
27+29	LT		1	
27+15	RT		1	
27+56	RT		1	
35+52	LT		1	
35+96	LT		1	
35+45	RT		1	
35+88	RT		1	
38+23	RT		1	
44+79	LT		1	
45+11	LT		1	
48+77	LT		1	
52+82	LT		1	
53+07	LT		1	
52+85	RT		1	
61+83	LT		1	
62+12	LT		1	
65+58	LT		1	
65+46	RT		1	
<b>TOTALS</b>			<b>22</b>	

60236800		INLETS, TYPE A, TYPE 11 FRAME AND GRATE				
60250200		CATCH BASINS TO BE ADJUSTED				
60255800		MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME. CLOSED LID				
60261300		INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE				
60300305		FRAMES AND LIDS TO BE ADJUSTED				
60500060		REMOVING INLETS				
LOCATION	INLETS, TYPE A, TYPE 11 FRAME AND GRATE (EACH)	CATCH BASINS TO BE ADJUSTED (EACH)	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE (EACH)	FRAMES AND LIDS TO BE ADJUSTED (EACH)	REMOVING INLETS (EACH)
AT VALETTE	0	0	0	0	3	0
AT SOUTH	1	2	3	0	9	1
SOUTH TO MAY	1	0	2	1	5	1
AT MAY	1	1	2	0	6	1
MAY TO ST. CHARLES	1	1	0	1	2	1
AT ST. CHARLES	0	1	0	0	0	0
ST. CHARLES TO ADELIA	0	0	1	0	3	0
AT ADELIA	1	1	0	0	6	1
ADELIA TO FOREST	1	0	0	0	1	1
AT FOREST	0	1	0	0	5	0
FOREST TO CHURCH	0	0	0	0	1	0
AT CHURCH	3	1	0	0	2	3
CHURCH TO MARION	0	0	1	0	2	0
AT MARION	0	0	0	0	3	0
AT PARK	0	2	0	0	4	0
<b>TOTALS</b>	<b>9</b>	<b>10</b>	<b>9</b>	<b>2</b>	<b>52</b>	<b>9</b>

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -
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Default	PLOT SCALE = 1.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

POPLAR AVENUE SCHEDULES OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	DUPAGE	40	8
						ILLINOIS	FED. AID PROJECT	

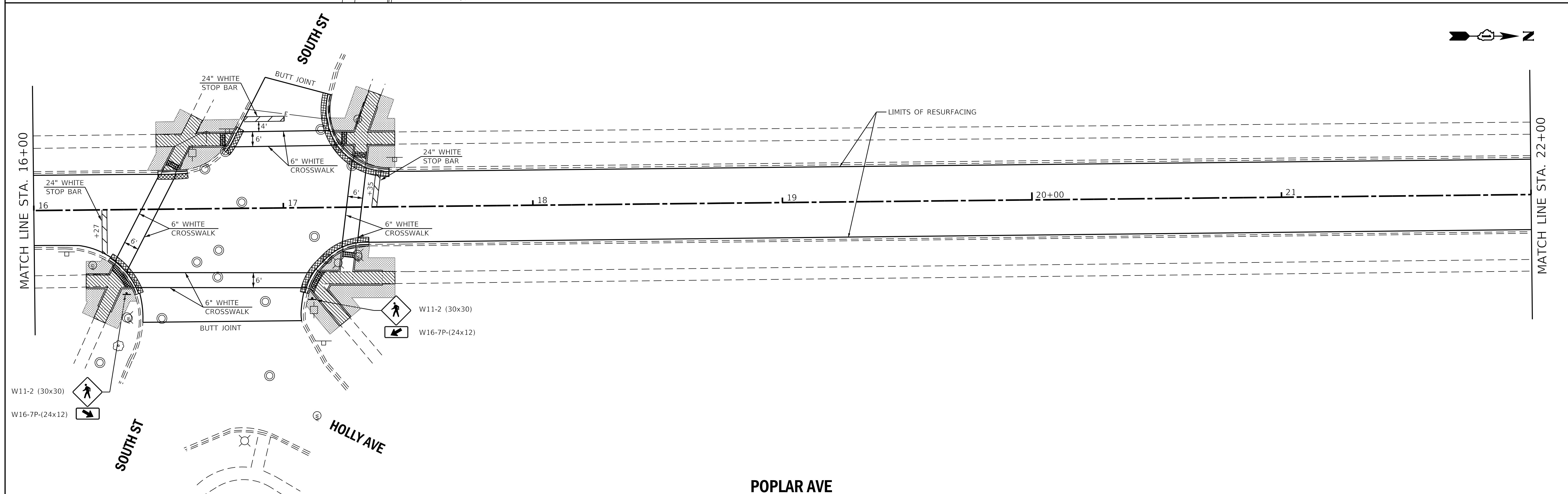
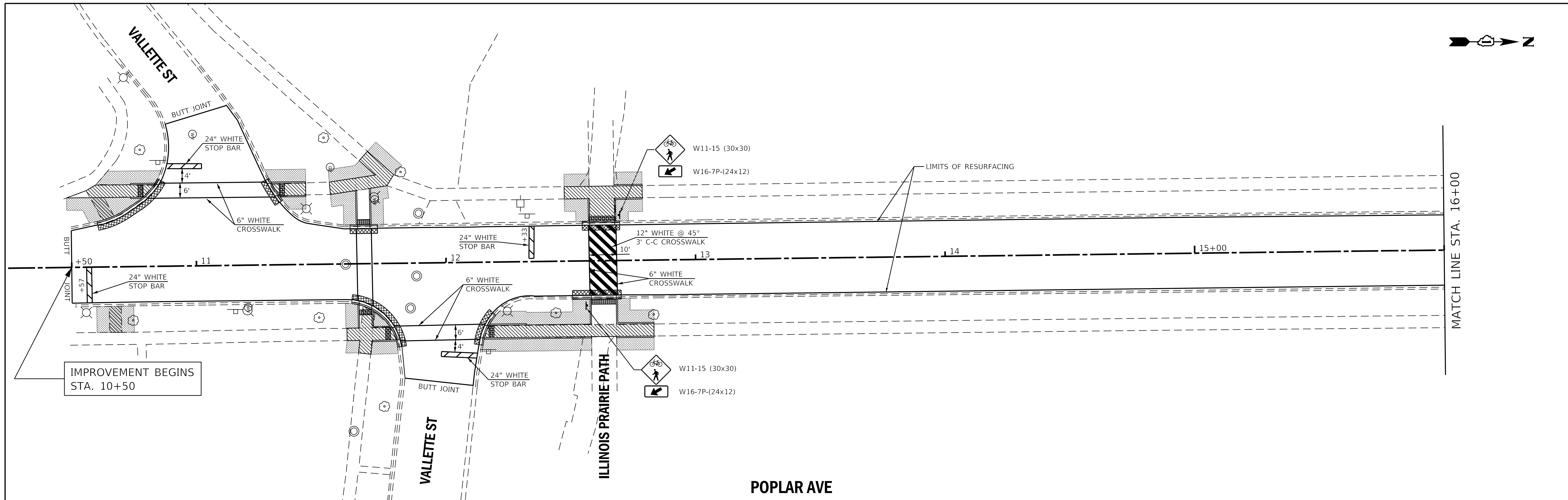
CONTRACT NO. 61E31



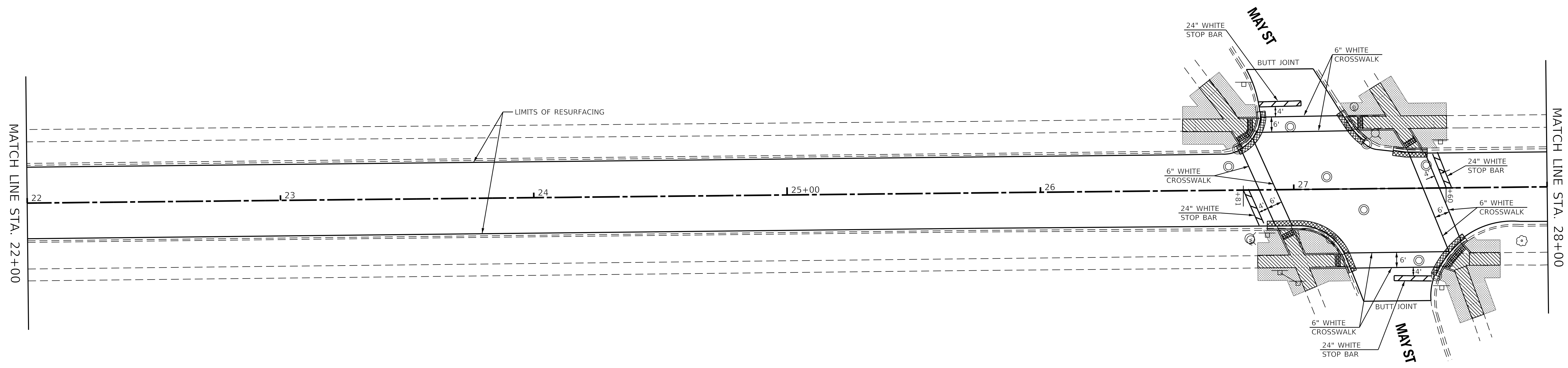
70300100 SHORT TERM PAVEMENT MARKING										
70300150 SHORT TERM PAVEMENT MARKING REMOVAL										
78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS										
78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"										
78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"										
78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"										
78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"										
STA/REF BEGIN	STA/REF END	LENGTH (FOOT)	LINE TYPE / COLOR W = WHITE Y = YELLOW	SHORT TERM PAVEMENT MARKING QUANTITY (FOOT)	SHORT TERM PAVEMENT REMOVAL QUANTITY (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)
10+80 LT	11+30 LT	94	CW/W					94		
10+86 LT	11+02 LT	14	STOP/W	14	5					14
11+56 RT	11+58 RT	14	STOP/W	14	5					14
11+62 LT	11+68 RT	60	CW/W					60		
11+80 RT	12+15 RT	68	CW/W					68		
11+98 RT	12+12 RT	14	STOP/W	14	5					14
12+33 LT	12+35 LT	14	STOP/W	14	5					14
12+58 RT	12+68 LT	56/150	CW/W					56	150	
16+27 RT	16+29 RT	18	STOP/W	18	6					18
16+33 RT	16+58 LT	83	CW/W					83		
16+40 RT	17+10 RT	143	CW/W					143		
16+80 LT	17+20 LT	80	CW/W					80		
16+85 LT	17+01 LT	16	STOP/W	16	5					16
17+23 RT	17+33 LT	65	CW/W					65		
17+36 LT	17+38 LT	14	STOP/W	14	5					14
26+80 RT	26+88 RT	16	STOP/W	16	5					16
26+80 LT	27+00 RT	72	CW/W					72		
26+86 LT	27+02 LT	16	STOP/W	16	5					16
26+86 LT	27+24 LT	71	CW/W					71		
27+22 RT	27+60 RT	76	CW/W					76		
27+40 RT	27+56 RT	16	STOP/W	16	5					16
27+44 LT	27+66 RT	80	CW/W					80		
27+54 LT	27+62 LT	16	STOP/W	16	5					16
31+80 LT	35+20 LT	340	DBL/Y	68	22		680			
31+80 RT	34+00 RT	220	2-6 SD/W					56		
34+00 RT	35+20 RT	120	LL/W	12	4			120		
34+06 CL	34+36 CL	36.4	ONLY/ARROW			36.4				
35+20 RT	35+22 LT	24	STOP/W	24	8					24
35+26 LT	35+32 RT	107	CW/W					107		
35+40 RT	35+94 RT	109	CW/W						108	
35+48 LT	35+96 LT	96	CW/W					96		
35+52 LT	35+77 LT	25	STOP/W	25	8					25
35+65 RT	35+91 RT	26	STOP/W	26	9					26
36+01 RT	36+14 LT	114	CW/W						114	
36+19 RT	36+21 LT	28	STOP/W	28	9					28
36+20 RT	38+20 RT	200	DBL/Y	20	7		400			
36+20 LT	38+20 LT	200	LL/W	20	7			200		
37+83 CL	38+13 CL	36.4	ONLY/ARROW			36.4				
38+46 RT	38+84 RT	71	CW/W					71		
38+64 RT	38+80 RT	16	STOP/W	16	5					16
44+82 LT	45+12 LT	58	CW/W					58		
44+85 LT	44+96 LT	11	STOP/W	11	4					11
45+19 LT	45+25 RT	61	CW/W					61		
48+80 LT	49+12 LT	59	CW/W					59		
48+84 LT	48+95 LT	11	STOP/W	11	4					11
52+64 RT	52+66 RT	14	STOP/W	14	5					14
52+70 LT	52+76 RT	54	CW/W						75	
52+78 LT	53+10 LT	60	CW/W					60		
52+82 LT	52+94 LT	12	STOP/W	12	4					12
52+88 RT	63+14 RT	48	CW/W						54	
53+01 RT	53+14 RT	13	STOP/W	13	4					13
53+14 LT	53+20 RT	82	CW/W					82		
53+24 LT	53+26 LT	14	STOP/W	14	5					14
61+76 LT	62+18 LT	74	CW/W					74		
61+84 LT	61+96 LT	12	STOP/W	12	4					12
64+30 RT	64+32 RT	14	STOP/W	14	5					14
64+45 RT	64+65 RT	61.2	RXR/W			61.2				
64+80 RT	64+82 RT	14	STOP/W	14	5					14
65+32 RT	65+34 RT	14	STOP/W	14	5					14
65+38 LT	65+44 RT	63	CW/W					63		
65+68 LT	66+00 LT	65	CW/W					65		
65+70 LT	65+84 LT	14	STOP/W	14	5					14
<b>TOTALS</b>				<b>550</b>	<b>182</b>	<b>134</b>	<b>1080</b>	<b>2120</b>	<b>501</b>	<b>430</b>

SCHEDULE OF PLAN QUANTITY ITEMS			
PAY ITEM	DESCRIPTION	QUANTITY	UNIT
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	100	CU YD
21301052	EXPLORATION TRENCH 52" DEPTH	100	FOOT
21101615	TOPSOIL FURNISH AND PLACE, 4"	150	SQ YD
25000100	SEEDING CLASS 1	0.03	ACRE
25000400	NITROGEN FERTILIZER NUTRIENT	3	POUND
25000600	POTASSIUM FERTILIZER NUTRIENT	3	POUND
25100630	EROSION CONTROL BLANKET	150	SQ YD
30300001	AGGREGATE SUBGRADE IMPROVEMENT	100	CU YD
42001300	PROTECTIVE COAT	234	SQ YD
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	60	SQ YD
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	1120	SQ FT
44000200	DRIVEWAY PAVEMENT REMOVAL	120	SQ YD
44000500	COMBINATION CURB AND GUTTER REMOVAL	224	FOOT
44000600	SIDEWALK REMOVAL	1120	SQ FT
44201725	CLASS D PATCHES, TYPE I 7"	600	SQ YD
44201729	CLASS D PATCHES, TYPE II 7"	300	SQ YD
44201733	CLASS D PATCHES, TYPE III 7"	300	SQ YD
44201735	CLASS D PATCHES, TYPE IV 7"	300	SQ YD
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	224	FOOT
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	60	SQ YD

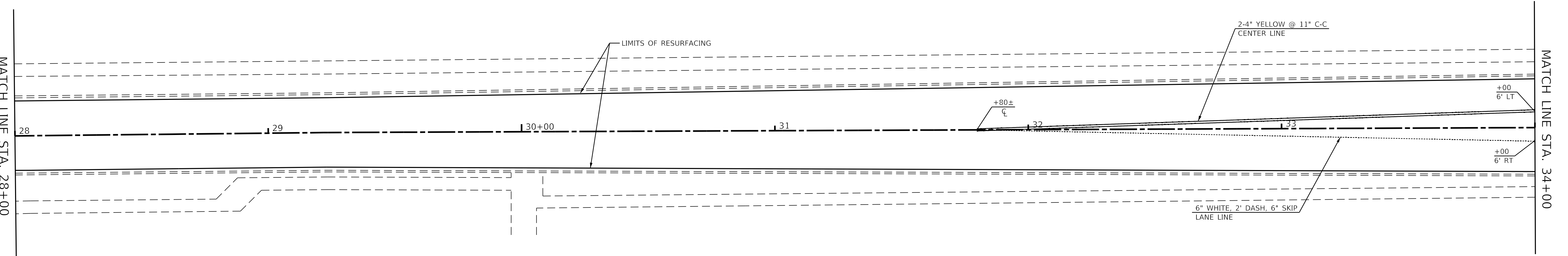
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P:\2017\170299\cad\phase 2\CADD_Sheets\170299-shd-Schedule-3.dgn	DRAWN -	REVISED -	3823			17-00190-00-RS	DUPAGE	40	9		
Default	PLOT SCALE = 1.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 61E31					
	PLOT DATE = 11/3/2017	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



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PLOT SCALE = 20,000' / in.	PLOT DATE = 11/3/2017	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 61E31	
		CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

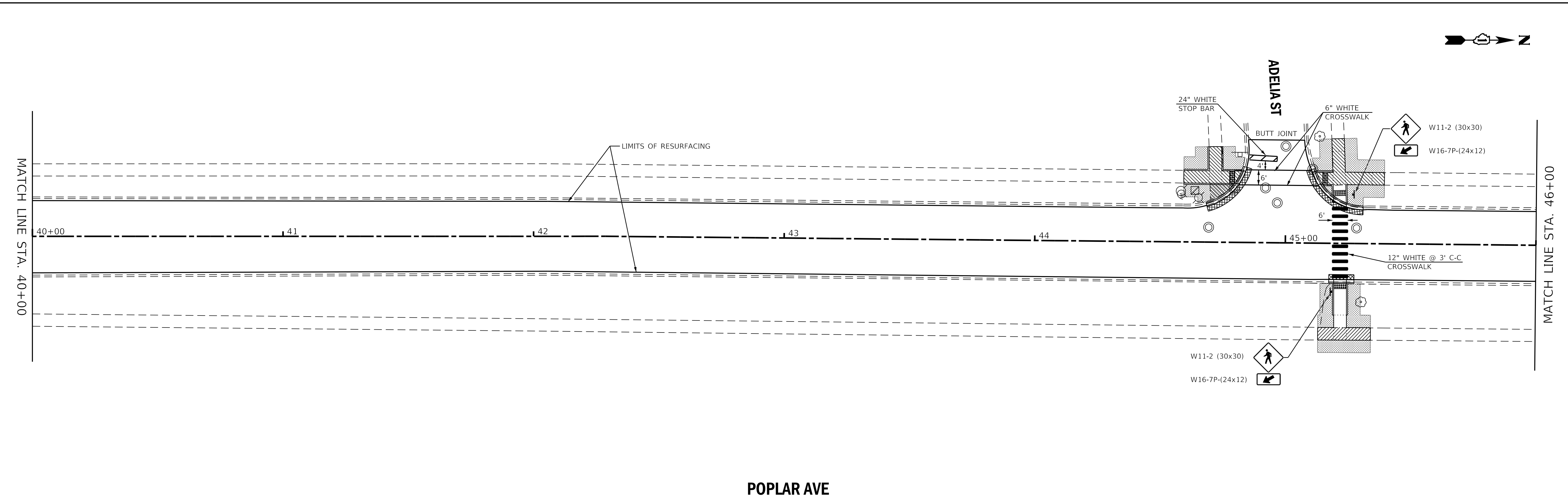
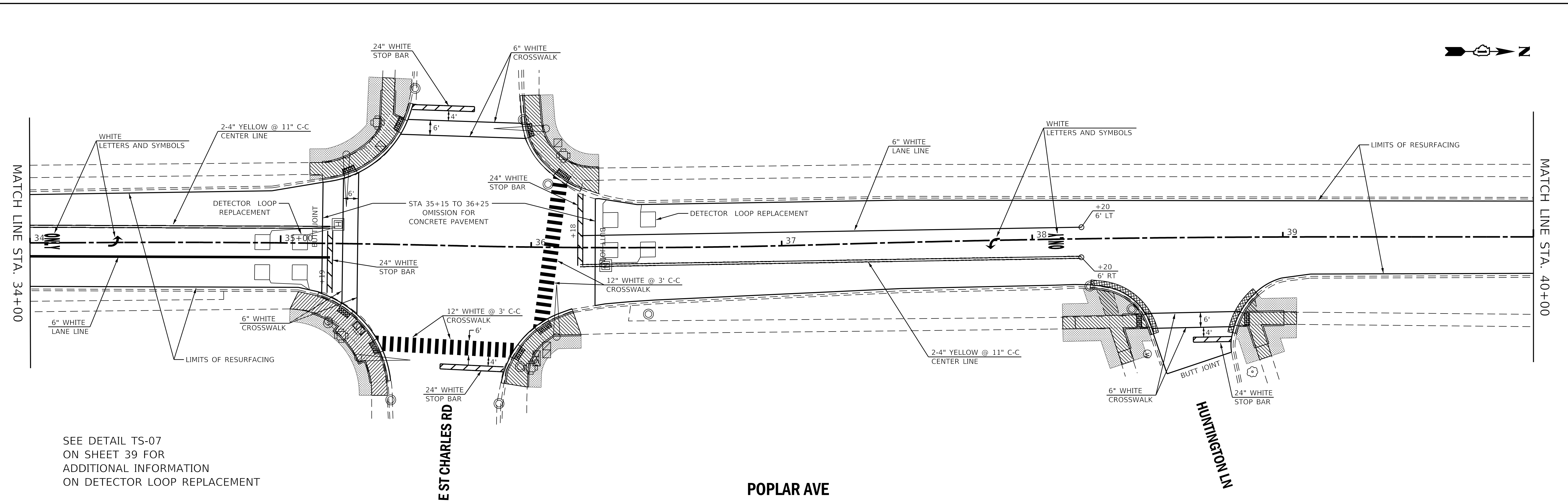


**POPLAR AVE**



**POPLAR AVE**

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>POPLAR AVENUE PLAN AND PAVEMENT MARKING</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2017\170299\cad\phase 2\CADD_Sheets\170299-shd-double-plan-2.dgn		DRAWN -	REVISED -		3823	17-00190-00-RS	DUPAGE	40	11				
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 61E31				ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 11/3/2017	DATE -	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.			



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POPLAR AVENUE  
PLAN AND PAVEMENT MARKING**

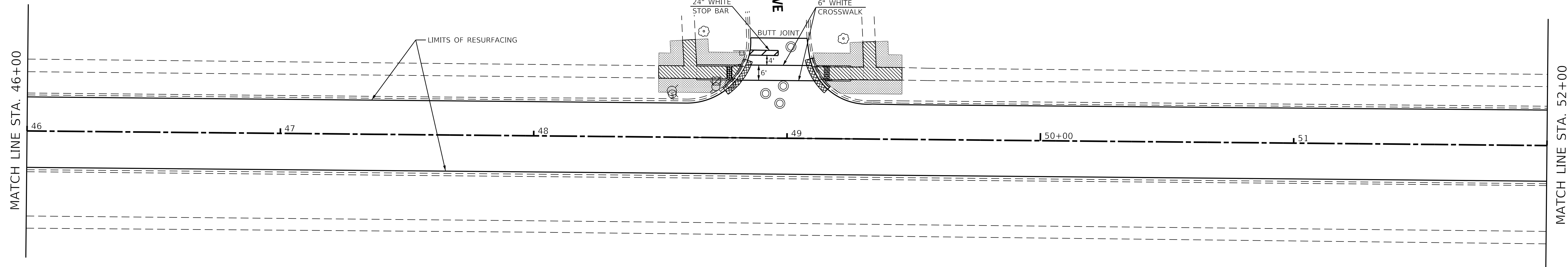
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Default	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	12
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				



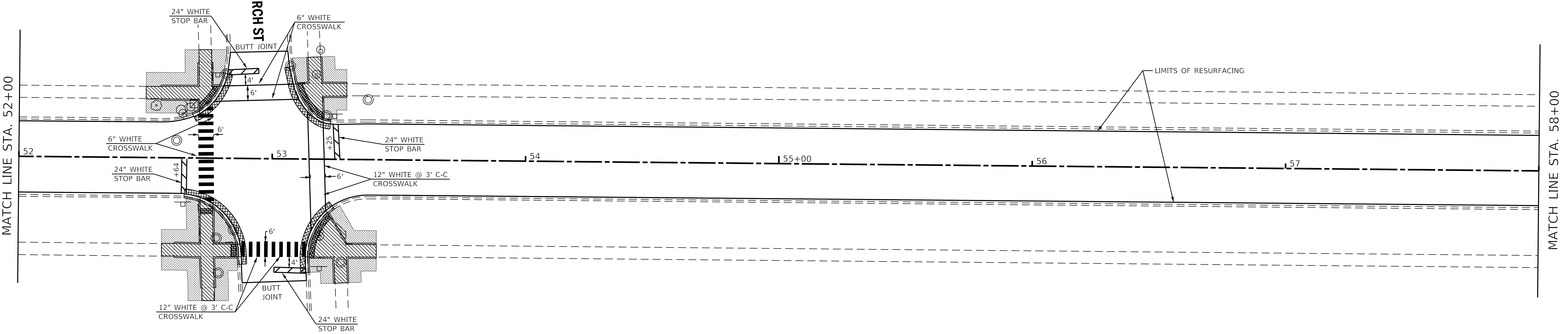
FOREST AVE



POPLAR AVE



E CHURCH ST



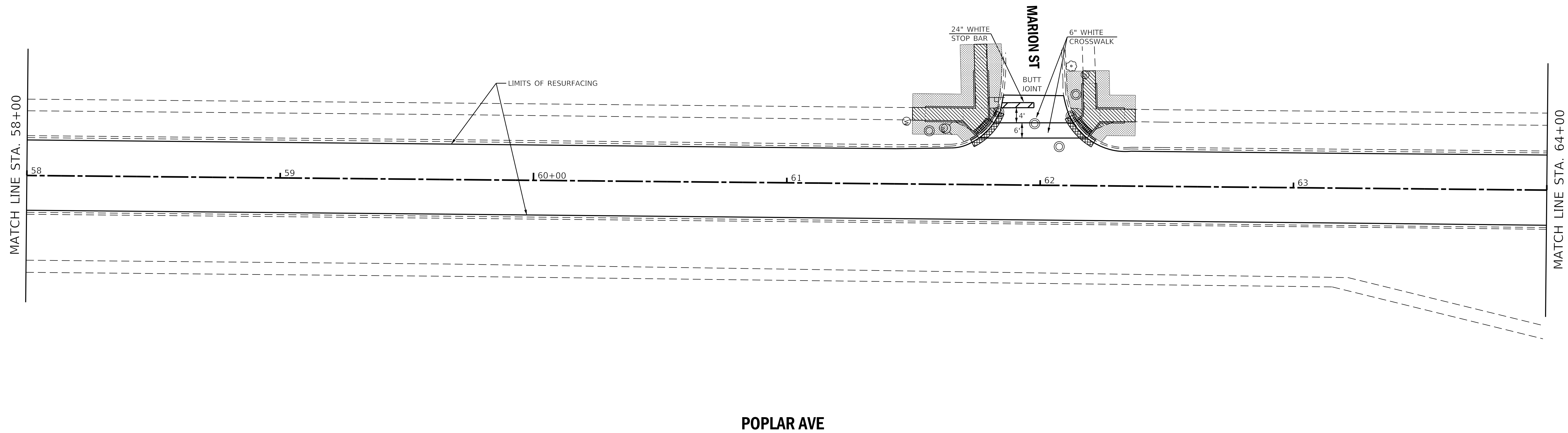
POPLAR AVE

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -
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Default	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

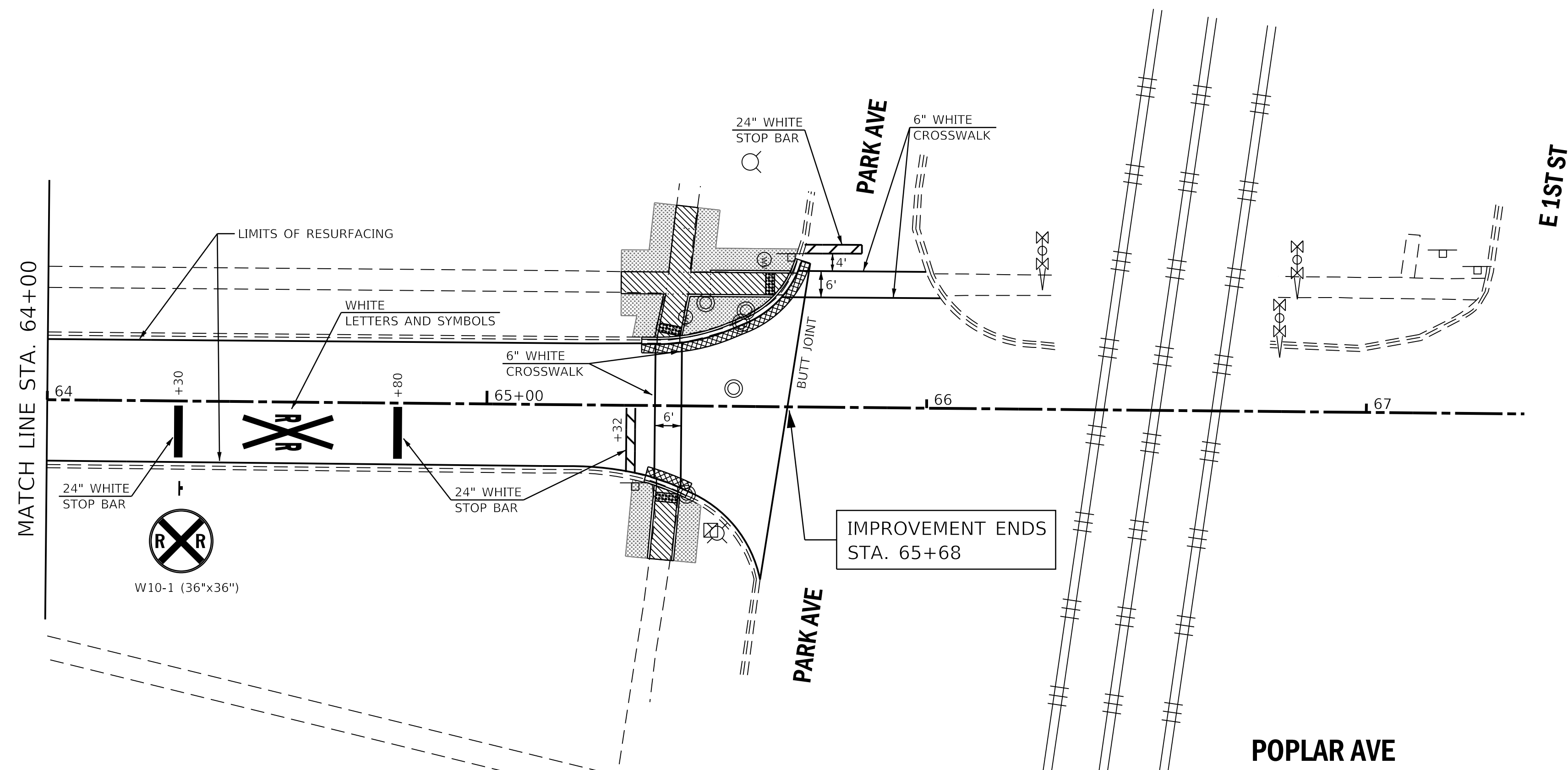
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

POPLAR AVENUE PLAN AND PAVEMENT MARKING			
SCALE: 1"=20'	SHEET OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	13
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				



POPLAR AVE



POPLAR AVE

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -
P:\2017\170299\cad\phase 2\CADD_Sheets\170299-shd-double-plan-5.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

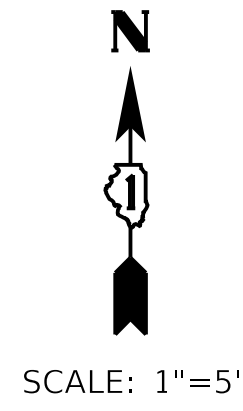
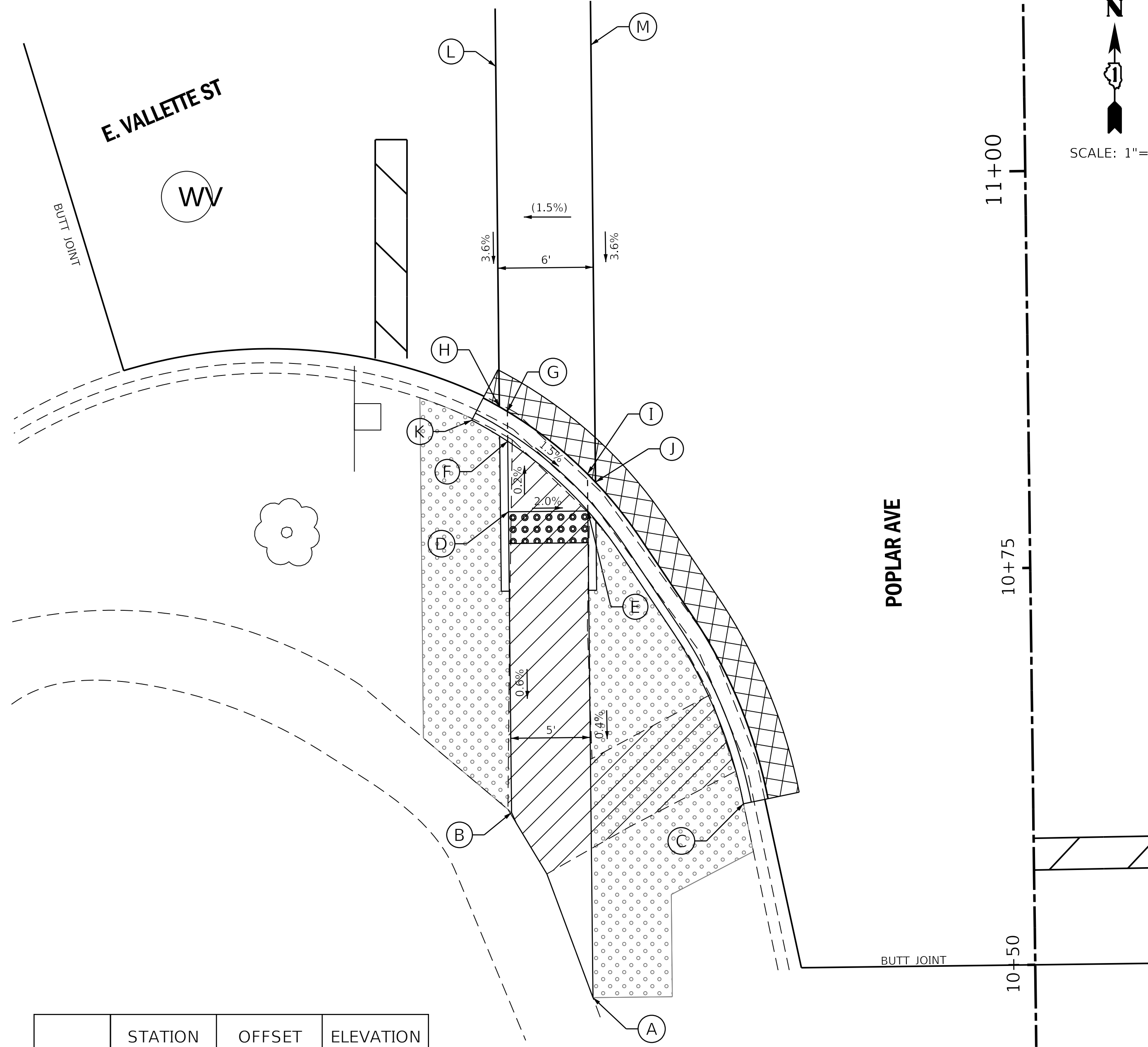
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

POPLAR AVENUE  
PLAN AND PAVEMENT MARKING

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

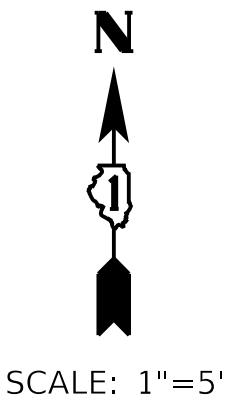
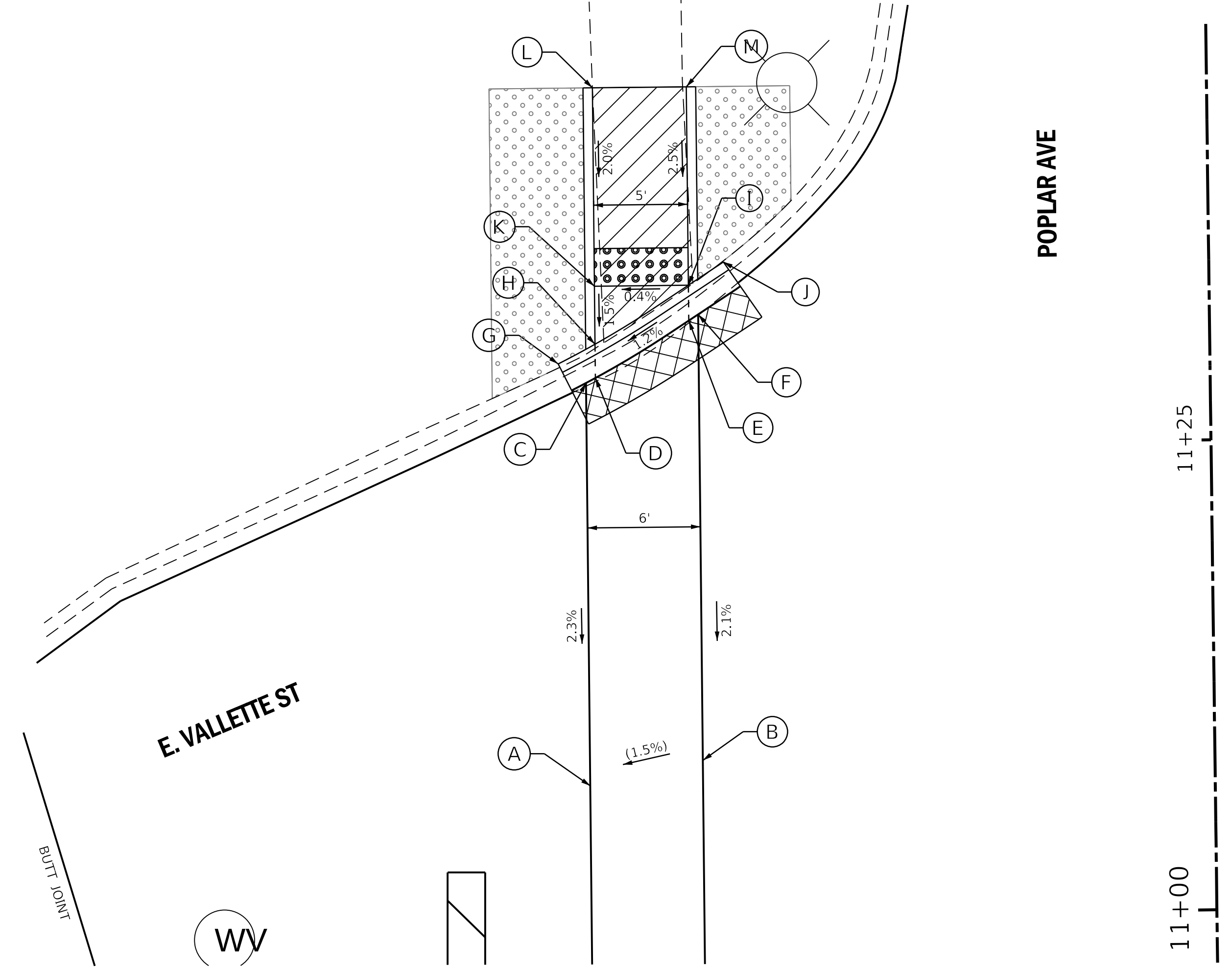
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	14
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

**SW CORNER POPLAR/VALETTE**



	STATION	OFFSET	ELEVATION
A	10+48.29	27.87' LT	(682.34)
B	10+60.01	32.85' LT	(682.45)
C	10+60.37	18.24' LT	(682.29)
D	10+78.95	32.8' LT	682.56
E	10+78.94	27.8' LT	682.46
F	10+83.39	32.8' LT	682.55
G	10+85.27	32.79' LT	682.56
H	10+85.57	33.29' LT	682.57
I	10+81.27	27.8' LT	682.47
J	10+80.75	27.3' LT	682.46
K	10+84.75	35.04' LT	(682.85)
L	11+07.01	33.24' LT	(683.35)
M	11+08.29	27.24' LT	(683.44)

**NW CORNER POPLAR/VALETTE**



	STATION	OFFSET	ELEVATION
A	11+07.01	33.24' LT	(683.35)
B	11+08.29	27.24' LT	(683.44)
C	11+28.44	33.2' LT	683.84
D	11+28.70	32.7' LT	683.85
E	11+31.69	27.69' LT	683.92
F	11+32.01	27.19' LT	683.93
G	11+29.47	34.67' LT	(684.15)
H	11+30.50	32.69' LT	683.84
I	11+33.57	27.69' LT	683.91
J	11+34.78	25.82' LT	(684.34)
K	11+33.58	32.69' LT	683.89
L	11+44.14	32.66' LT	(684.10)
M	11+44.12	27.66' LT	(684.17)

**LEGEND ON SHEET 2**

FILE NAME =	USER NAME = staves	DESIGNED -	REVISED -
P:\2017\170299\cad\phase 2\CADD_Sheets\170299-sh1-plan-1.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 5.0000"/1 in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

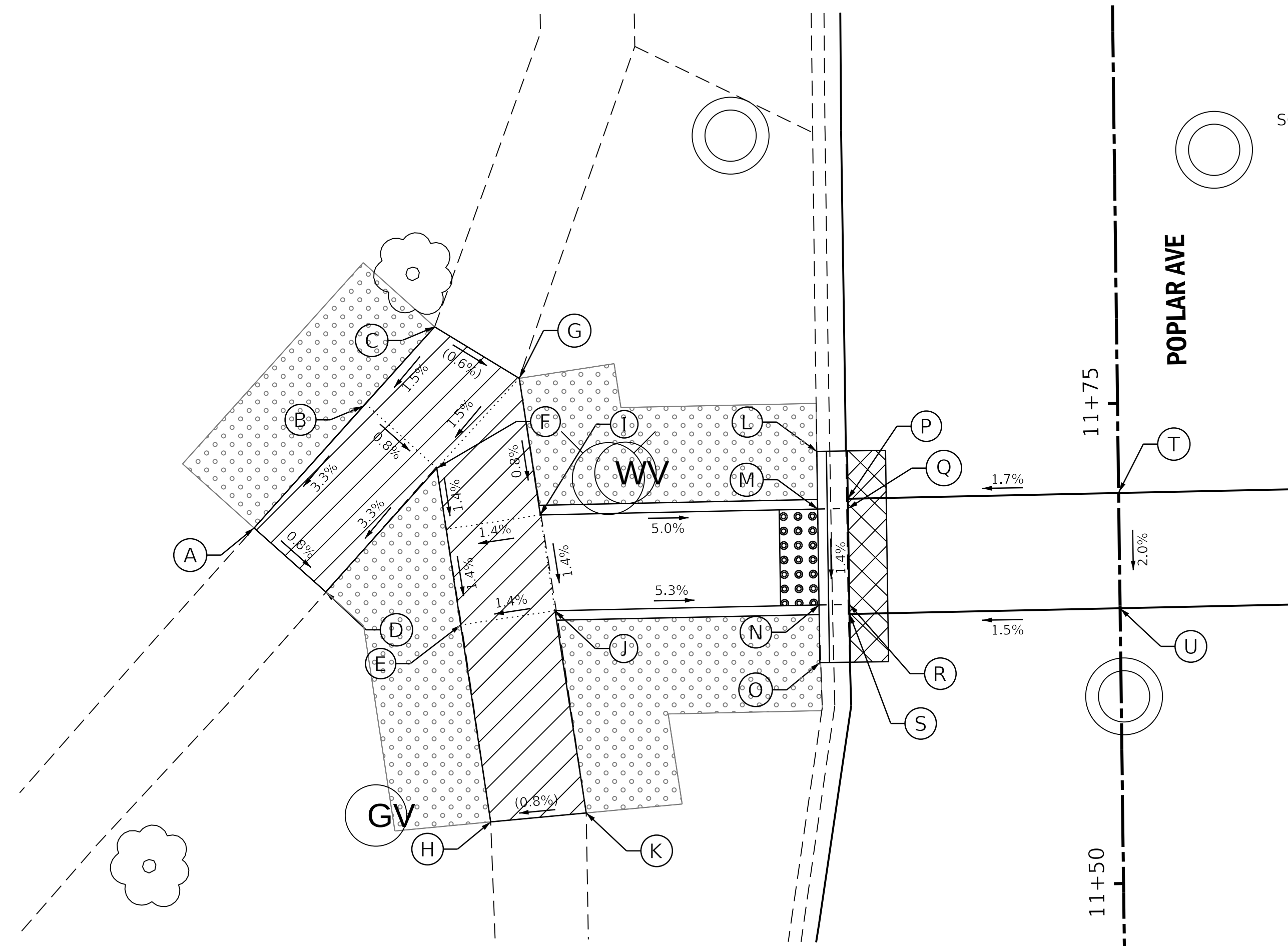
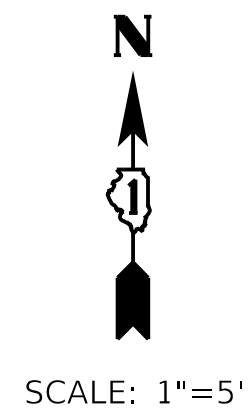
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POPLAR AVENUE  
INTERSECTION DETAILS : VALETTE ST SW AND NW CORNERS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

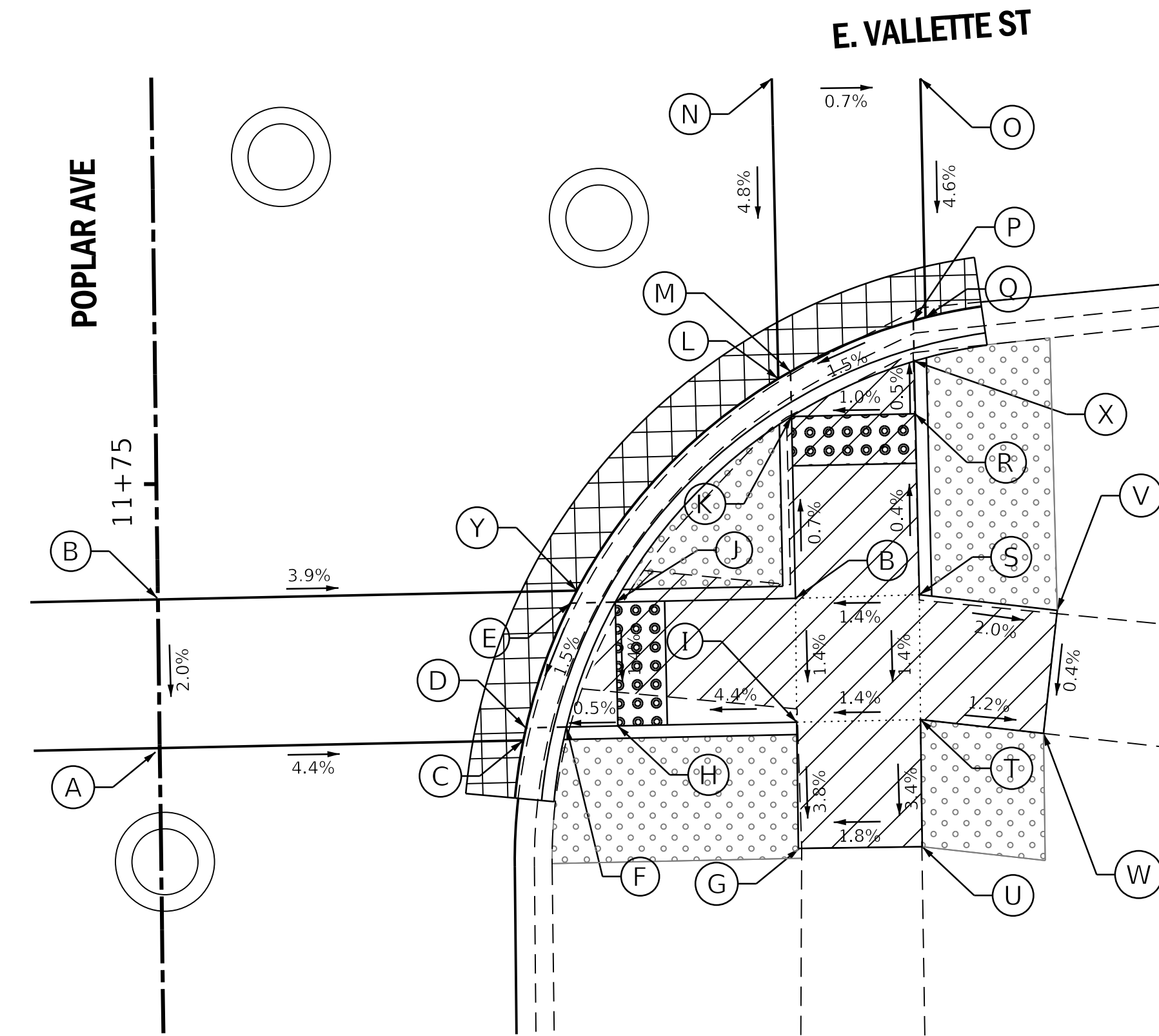
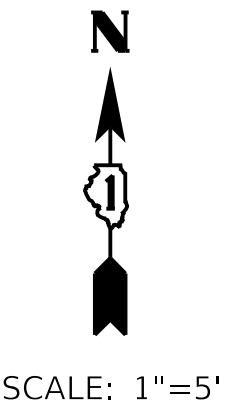
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	15
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

NW CORNER POPLAR/VALETTE



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	11+69.08	45.02' LT	(684.89)	L	11+72.70	15.68' LT	(684.98)
B	11+75.49	39.15' LT	685.17	M	11+69.70	15.68' LT	684.44
C	11+79.44	35.49' LT	(685.25)	N	11+64.70	15.67' LT	684.37
D	11+65.71	41.33' LT	(684.85)	O	11+61.70	15.66' LT	(684.77)
E	11+63.90	34.33' LT	685.02	P	11+70.21	14.1' LT	684.46
F	11+72.07	35.47' LT	685.13	Q	11+69.71	14.1' LT	684.45
G	11+76.70	31.12' LT	(685.22)	R	11+64.71	14.09' LT	684.38
H	11+53.63	32.9' LT	(684.24)	S	11+64.21	14.09' LT	684.37
I	11+69.58	30.11' LT	685.16	T	11+70.34	0'	(684.70)
J	11+64.58	29.41' LT	685.09	U	11+64.34	0'	(684.58)
K	11+54.03	27.92' LT	(684.28)				

SE CORNER POPLAR/VALETTE



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	11+64.34	0'	(684.58)	N	11+95.66	25.01' RT	(685.09)
B	11+70.34	0'	(684.70)	O	11+95.72	31.01' RT	(685.05)
C	11+64.46	14.69' RT	683.94	P	11+81.21	30.64' RT	684.38
D	11+64.96	14.8' RT	683.95	Q	11+81.33	31.14' RT	684.39
E	11+69.98	16.66' RT	684.03	R	11+77.45	30.68' RT	684.38
F	11+64.98	16.43' RT	683.94	S	11+70.14	30.75' RT	684.41
G	11+59.96	25.74' RT	(684.08)	T	11+65.10	30.73' RT	684.34
H	11+65.00	18.51' RT	683.95	U	11+59.97	30.74' RT	(684.17)
I	11+65.06	25.73' RT	684.27	V	11+69.44	36.31' RT	(684.30)
J	11+70.00	18.46' RT	684.02	W	11+64.48	35.69' RT	(684.28)
K	11+77.41	25.68' RT	684.29	X	11+70.06	25.75' RT	684.37
L	11+78.94	25.17' RT	684.38	Y	11+70.48	16.93' RT	684.04
M	11+79.22	25.66' RT	684.39				

LEGEND ON SHEET 2

FILE NAME =	USER NAME = staves	DESIGNED -	REVISED -
P:\2017\170299\cad\phase 2\CADD_Sheets\170299-sh1-plan-2.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

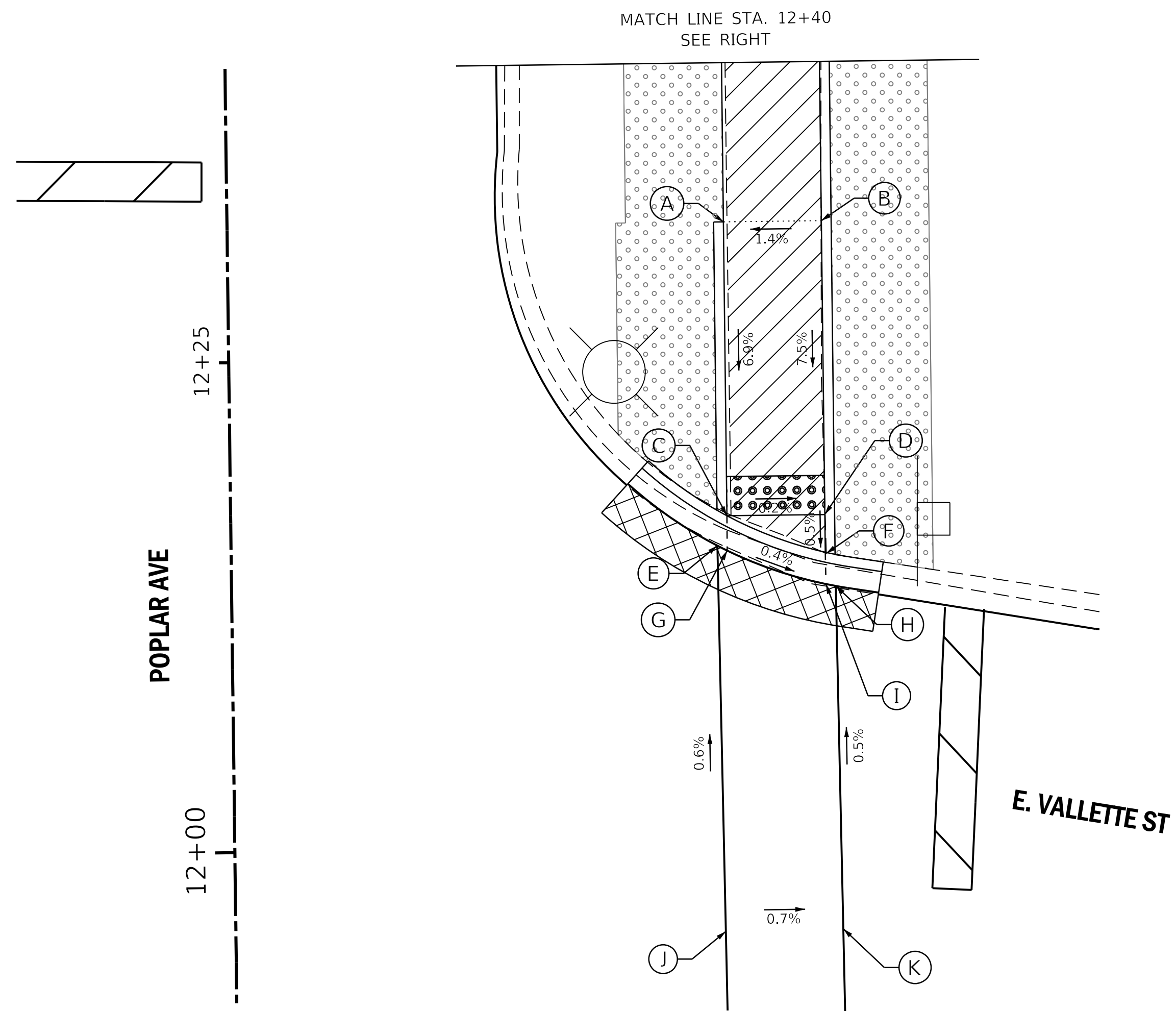
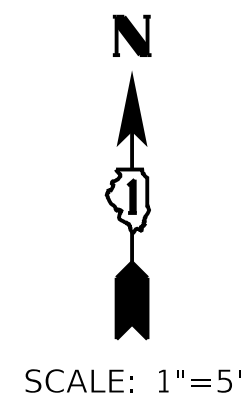
POPLAR AVENUE  
INTERSECTION DETAILS : VALETTE ST NW AND SE CORNERS

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	16
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

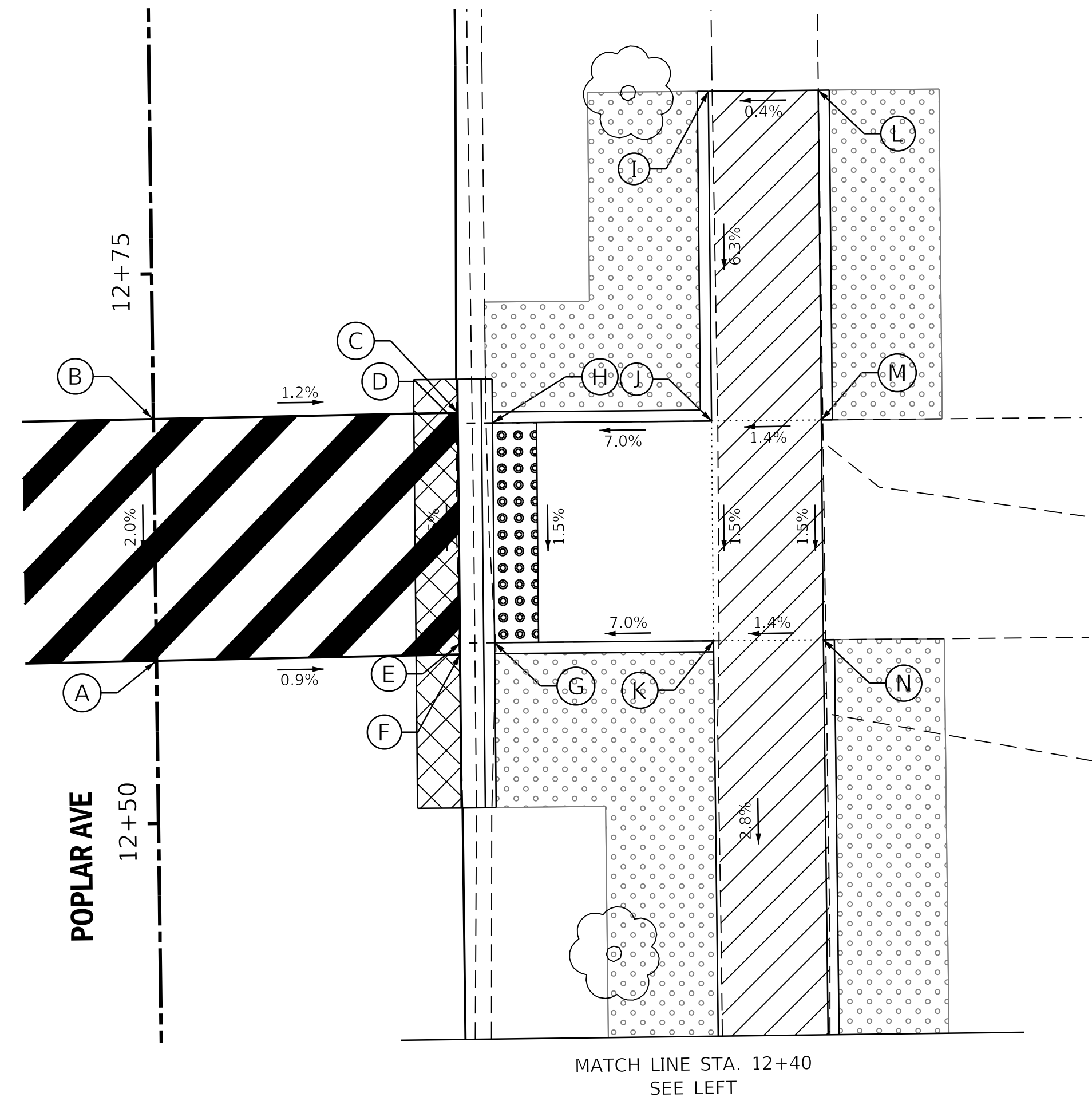
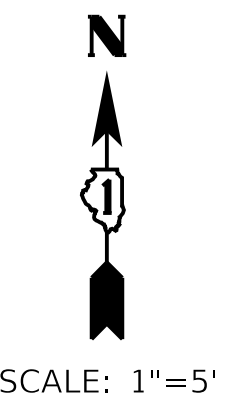


NE CORNER POPLAR/VALETTE



	STATION	OFFSET	ELEVATION
A	12+31.87	25.34' RT	686.01
B	12+31.87	30.34' RT	686.08
C	12+16.87	25.33' RT	684.97
D	12+16.87	30.33' RT	684.96
E	12+15.35	24.83' RT	684.98
F	12+14.95	30.33' RT	684.95
G	12+15.09	25.33' RT	684.98
H	12+13.22	30.85' RT	684.96
I	12+13.32	30.35' RT	684.96
J	11+95.66	25.01' RT	(685.09)
K	11+95.72	31.01' RT	(685.05)

IL PRAIRIE PATH (E SIDE POPLAR)



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	12+57.40	0'	(686.16)	I	12+82.99	25.44' RT	(687.83)
B	12+68.40	0'	(686.36)	J	12+67.99	25.39' RT	686.89
C	12+68.51	13.85' RT	686.19	K	12+57.99	25.36' RT	686.74
D	12+68.03	13.85' RT	686.19	L	12+82.97	30.44' RT	(687.85)
E	12+58.03	13.82' RT	686.04	M	12+67.97	30.39' RT	686.96
F	12+57.51	13.82' RT	686.04	N	12+57.97	30.36' RT	686.81
G	12+58.03	15.4' RT	686.03				
H	12+68.03	15.43' RT	686.18				

LEGEND ON SHEET 2

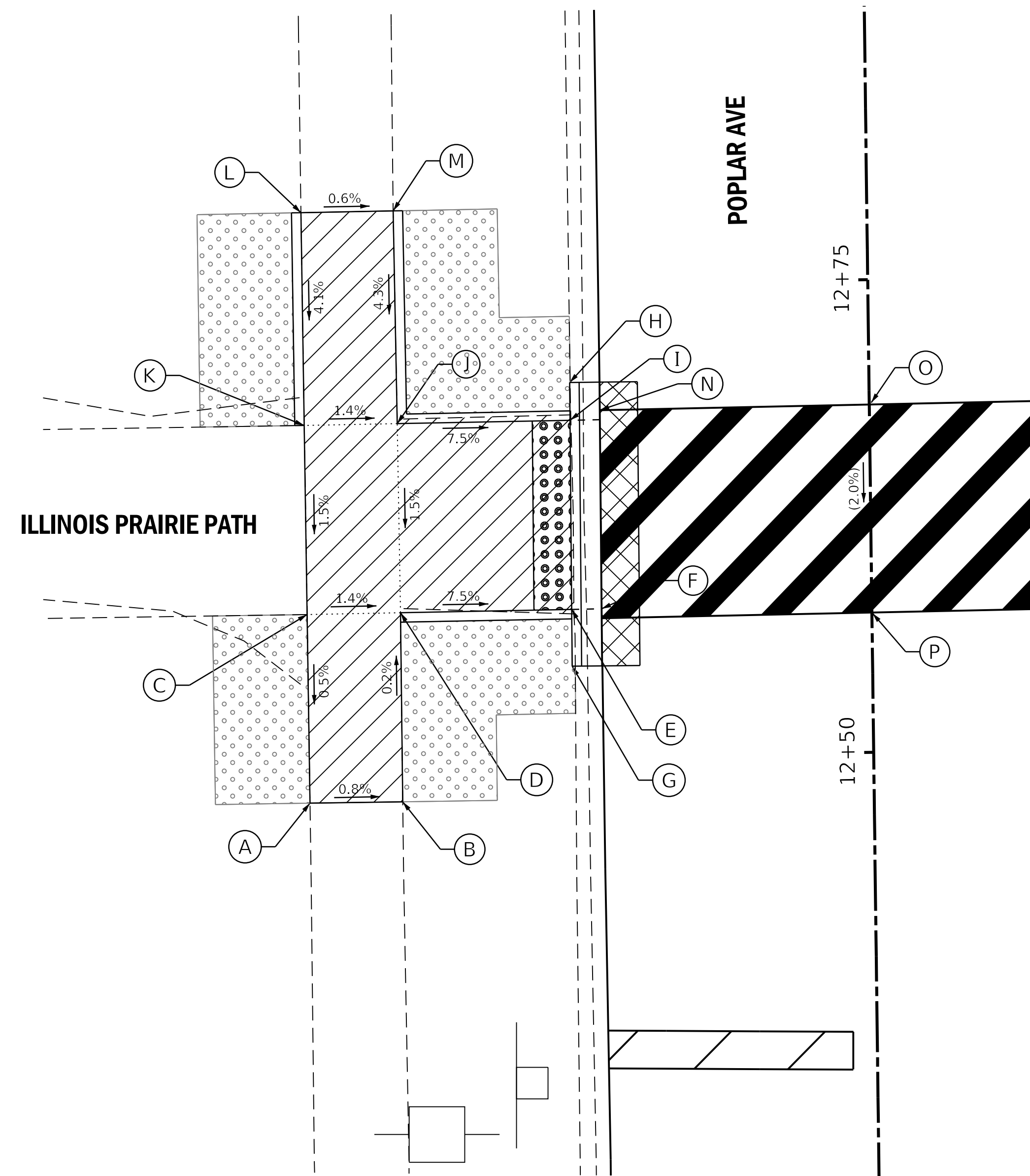
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Default	PLOT SCALE = 5.0000" / in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

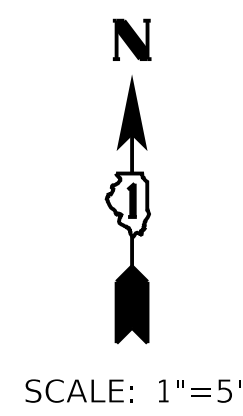
POPLAR AVENUE INTERSECTION DETAILS : VALETTE ST NE CORNER AND ILLINOIS PRAIRIE PATH E			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	17
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

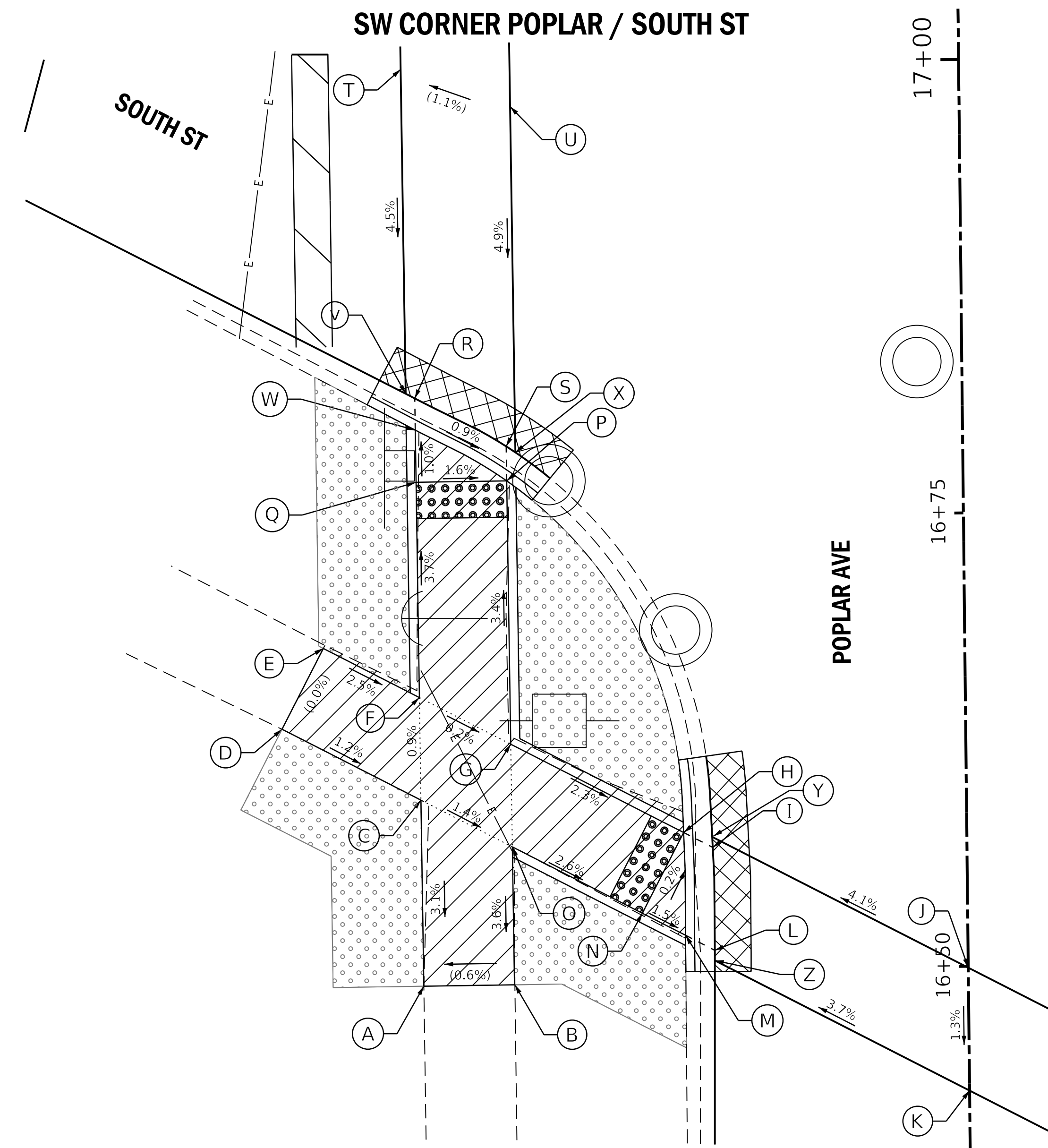
**IL PRAIRIE PATH (W SIDE POPLAR)**



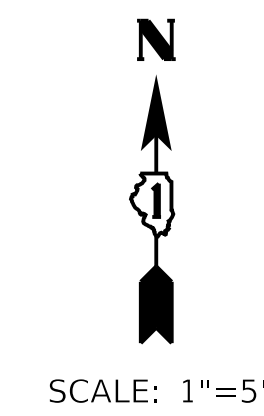
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	12+47.69	29.84' LT	(687.25)	I	12+67.76	15.83' LT	686.63
B	12+47.70	24.93' LT	(687.21)	J	12+67.70	24.97' LT	687.38
C	12+57.67	29.86' LT	687.30	K	12+67.67	29.89' LT	687.45
D	12+57.70	24.93' LT	687.23	L	12+78.93	29.92' LT	(687.91)
E	12+57.76	15.87' LT	686.48	M	12+78.96	25.04' LT	(687.87)
F	12+57.77	14.29' LT	686.49	N	12+67.77	14.25' LT	686.64
G	12+54.76	15.88' LT	(686.80)	O	12+57.40	0'	(686.36)
H	12+69.76	15.83' LT	(687.08)	P	12+68.40	0'	(686.16)



**SW CORNER POPLAR / SOUTH ST**



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	16+49.23	30.04' LT	(693.52)	N	16+53.12	17.94' LT	693.62
B	16+49.25	25.04' LT	(693.65)	O	16+56.86	25.07' LT	693.83
C	16+59.48	30.08' LT	693.91	P	16+77.03	25.16' LT	693.35
D	16+63.48	37.7' LT	(694.01)	Q	16+77.01	30.16' LT	693.43
E	16+67.90	35.38' LT	(694.01)	R	16+81.64	30.19' LT	693.41
F	16+65.14	30.11' LT	693.86	S	16+78.94	25.17' LT	693.36
G	16+62.52	25.1' LT	693.85	T	16+99.78	30.77' LT	(694.22)
H	16+57.55	15.62' LT	693.61	U	16+97.67	24.76' LT	(694.29)
I	16+56.71	14.02' LT	693.62	V	16+81.90	30.69' LT	693.41
J	16+49.93	0'	(694.27)	W	16+79.89	30.18' LT	693.40
K	16+43.15	0'	(694.18)	X	16+78.60	24.67' LT	693.36
L	16+51.04	13.97' LT	693.59	Y	16+57.29	14.04' LT	693.62
M	16+51.88	15.57' LT	693.58	Z	16+50.48	13.97' LT	693.59



**LEGEND ON SHEET 2**

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -
P:\2017\170299\cad\phase 2\CADD_Sheets\170299-sh1-plan-4.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 5.0000"/in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

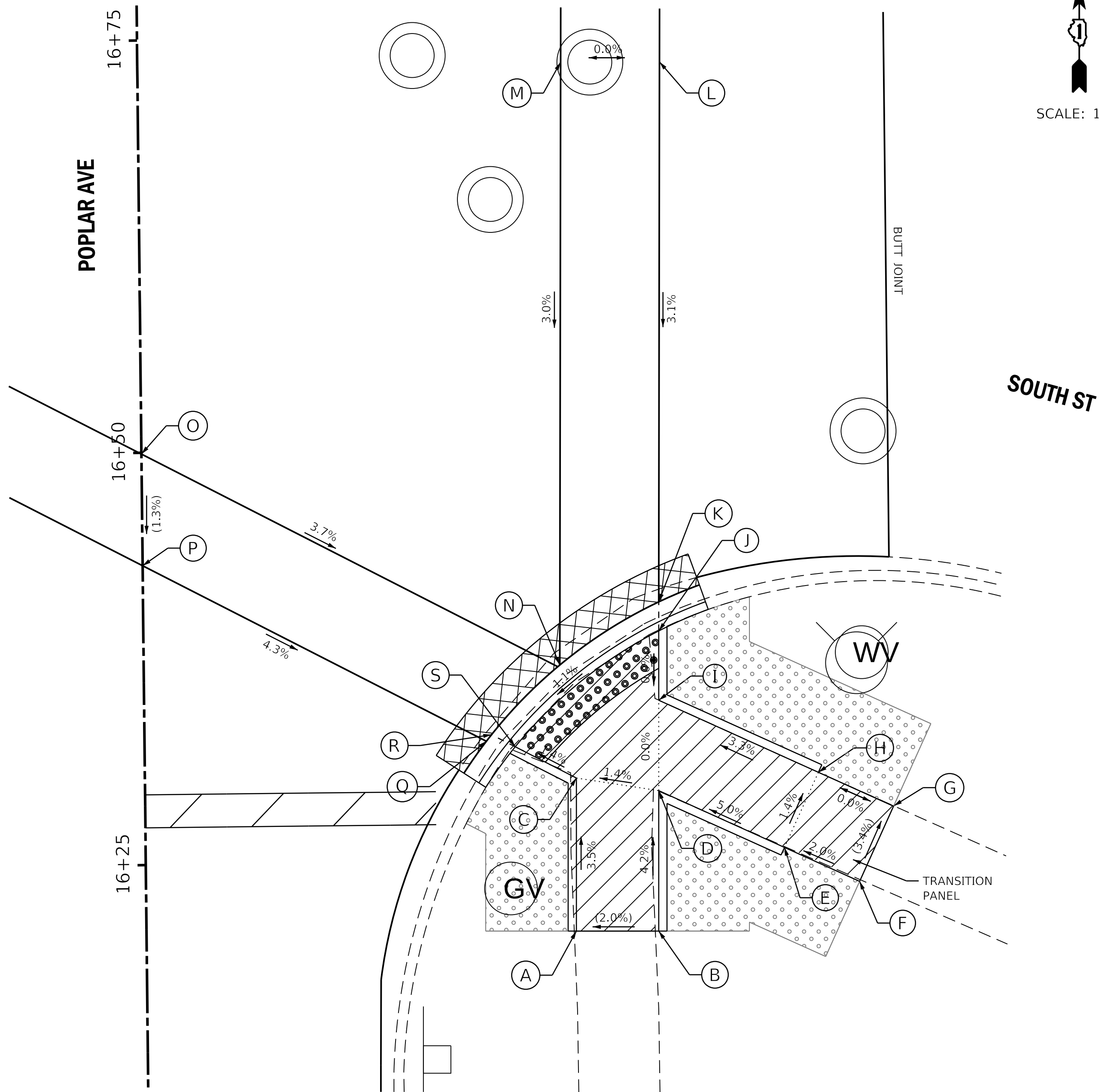
**POPLAR AVENUE  
INTERSECTION DETAILS : ILLINOIS PRAIRIE PATH W AND  
SOUTH ST SW CORNER**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

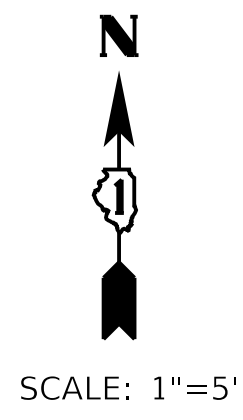
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	18
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				



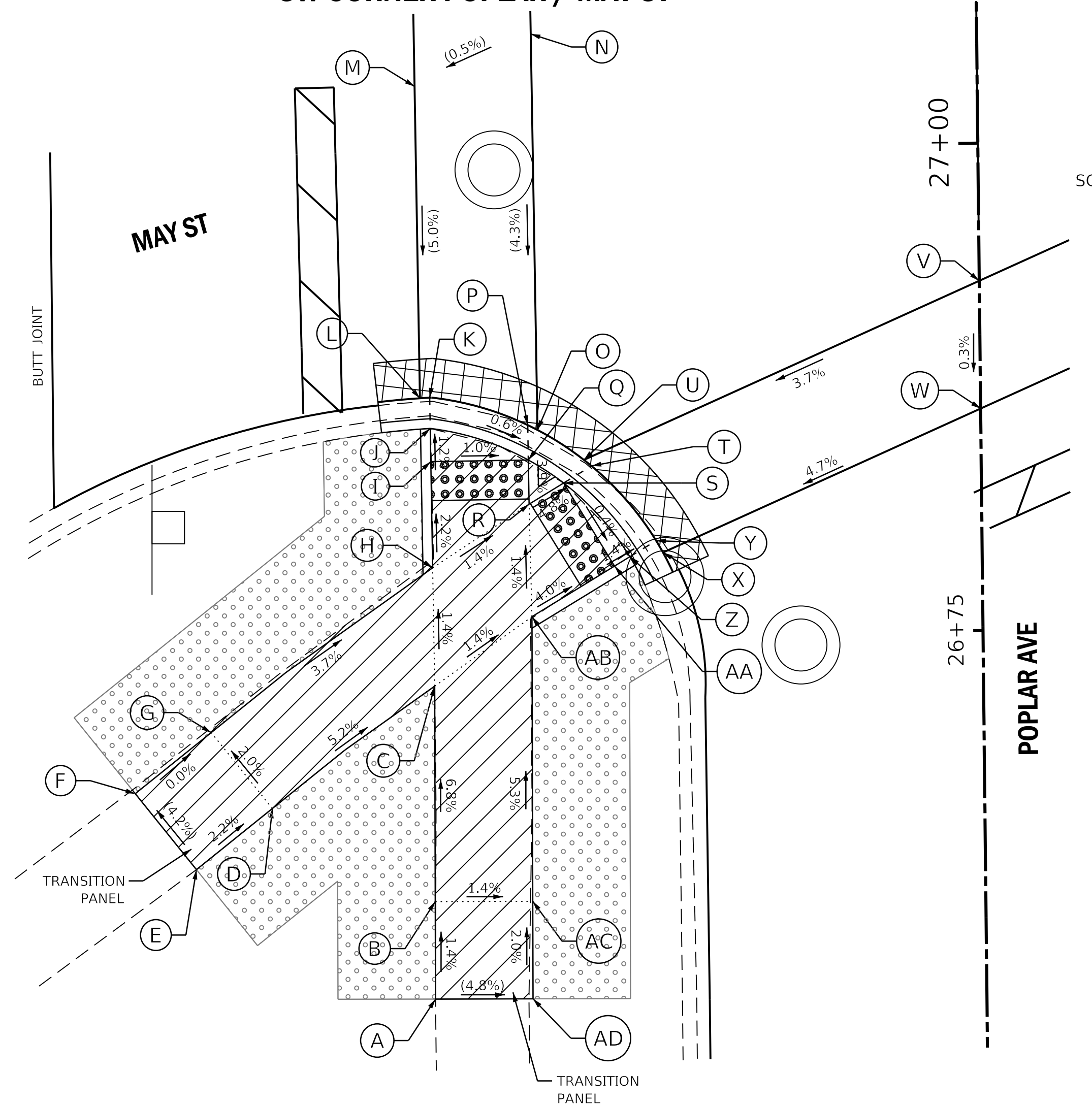
SE CORNER POPLAR / SOUTH ST



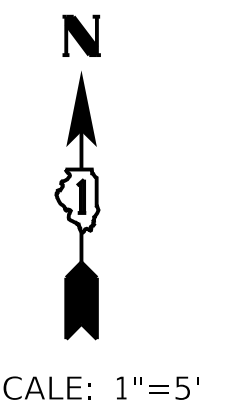
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	16+20.72	26.07' RT	(693.55)	K	16+40.63	31.28' RT	693.30
B	16+20.67	31.07' RT	(693.65)	L	16+73.36	31.67' RT	(694.31)
C	16+30.00	26.17' RT	693.22	M	16+73.41	25.67' RT	(694.31)
D	16+29.18	31.16' RT	693.29	N	16+36.87	25.23' RT	693.22
E	16+25.66	38.74' RT	693.71	O	16+49.93	0'	(694.27)
F	16+23.55	43.28' RT	(693.81)	P	16+43.15	0'	(694.18)
G	16+28.09	45.38' RT	(693.64)	Q	16+32.29	20.73' RT	693.18
H	16+30.19	40.85' RT	693.64	R	16+32.69	21.05' RT	693.17
I	16+34.67	31.22' RT	693.29	S	16+31.94	22.48' RT	693.16
J	16+38.87	31.26' RT	693.29				



SW CORNER POPLAR / MAY ST



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	26+56.40	28.28' LT	(694.33)	P	26+85.79	23.23' LT	693.25
B	26+61.40	28.24' LT	694.26	Q	26+84.00	23.22' LT	693.24
C	26+72.45	28.15' LT	693.50	R	26+81.73	23.21' LT	693.33
D	26+66.26	36.54' LT	694.04	S	26+82.80	21.43' LT	693.23
E	26+63.17	40.46' LT	(694.15)	T	26+83.66	19.98' LT	693.24
F	26+67.10	43.56' LT	(693.94)	U	26+83.98	20.37' LT	693.24
G	26+70.19	39.63' LT	693.94	V	26+92.94	0'	(694.12)
H	26+78.52	28.19' LT	693.41	W	26+86.39	0'	(694.10)
I	26+83.97	28.22' LT	693.29	X	26+79.18	16.36' LT	693.21
J	26+85.67	28.23' LT	693.27	Y	26+79.79	16.71' LT	693.21
K	26+87.25	28.24' LT	693.28	Z	26+78.98	18.07' LT	693.20
L	26+87.22	28.74' LT	693.28	AA	26+78.51	18.86' LT	693.21
M	27+03.22	28.85' LT	(694.09)	AB	26+75.96	23.12' LT	693.41
N	27+05.85	22.86' LT	(694.12)	AC	26+61.36	23.24' LT	694.19
O	26+85.53	22.73' LT	693.25	AD	26+56.36	23.28' LT	(694.09)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

POPLAR AVENUE  
INTERSECTION DETAILS : SOUTH ST SE CORNER AND  
MAY ST SW CORNER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	20
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

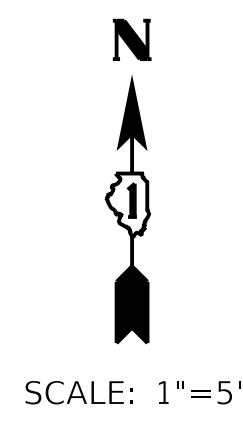
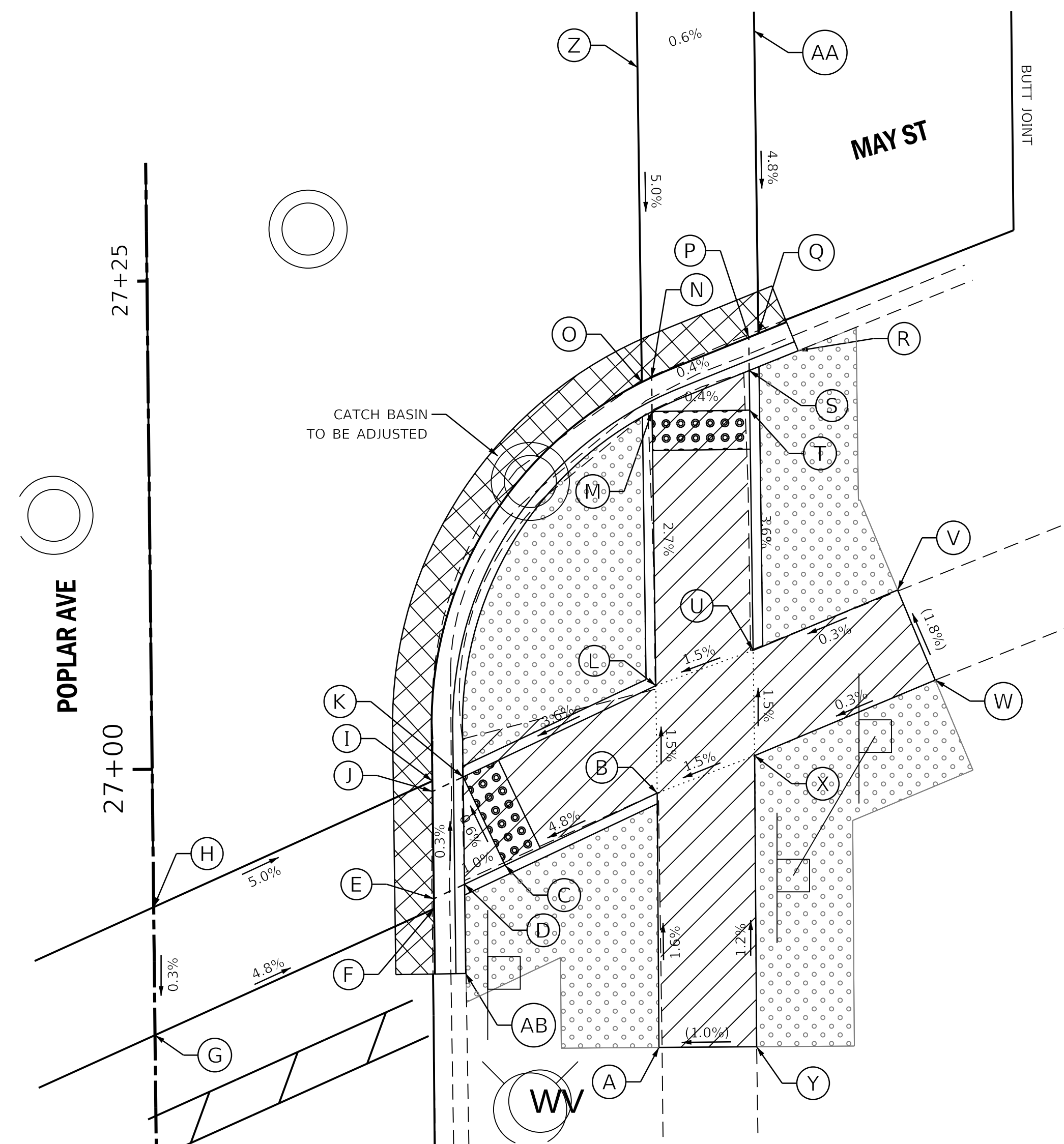
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

LEGEND ON SHEET 2

FILE NAME =	USER NAME = staves	DESIGNED -	REVISED -
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Default	PLOT SCALE = 5.0000"/in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

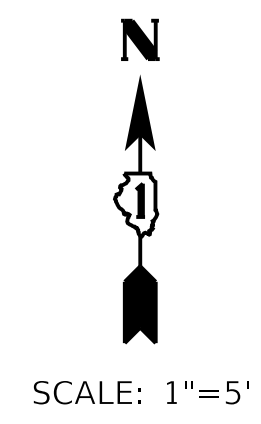
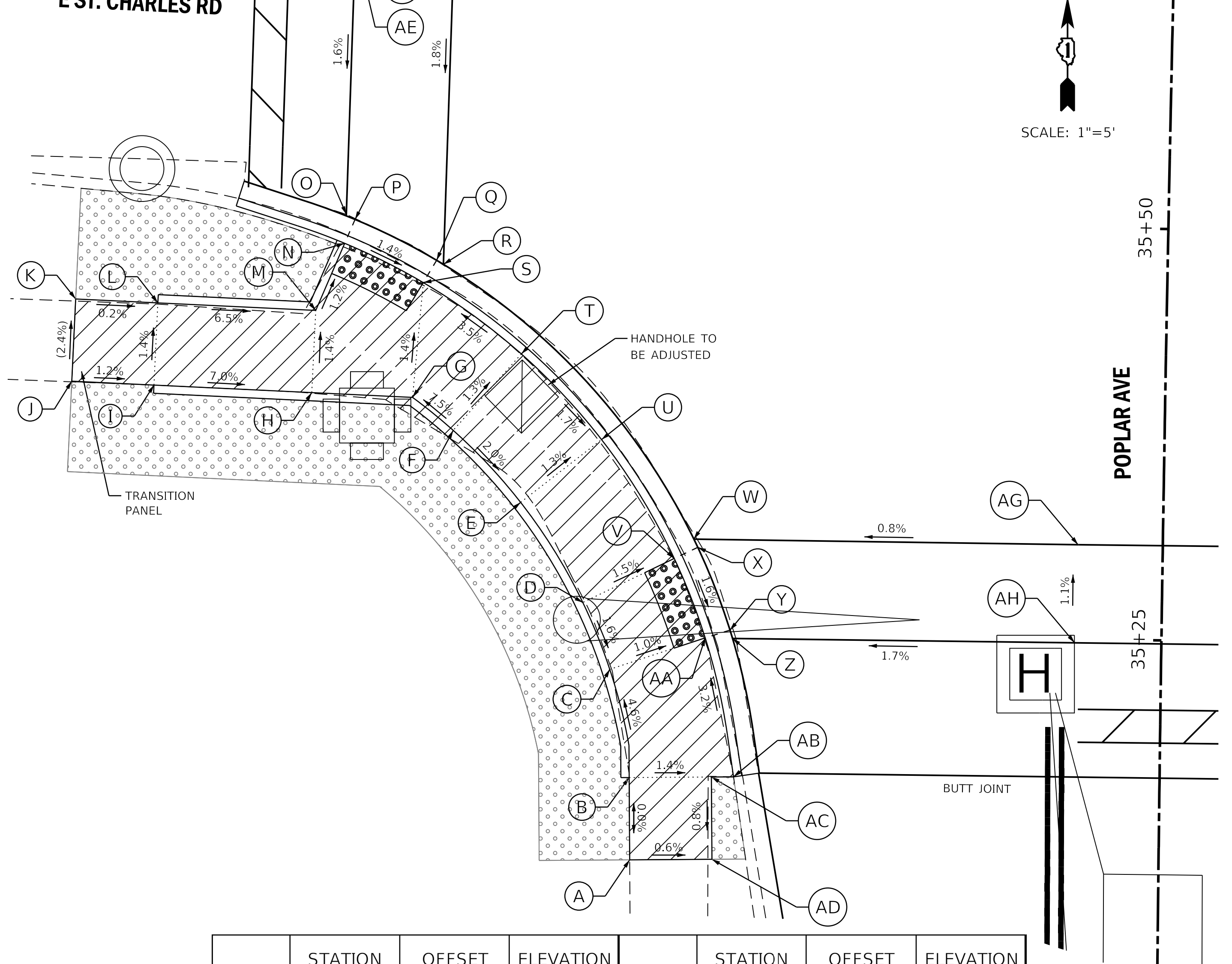


SE CORNER POPLAR / MAY ST



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	26+85.48	25.79' RT	(694.00)	O	27+19.56	25.28' RT	693.30
B	26+98.50	25.83' RT	693.79	P	27+21.78	30.77' RT	693.32
C	26+94.90	18' RT	693.38	Q	27+21.98	31.27' RT	693.32
D	26+93.94	15.93' RT	693.36	R	27+21.08	33.29' RT	693.80
E	26+93.21	14.35' RT	693.35	S	27+20.09	30.78' RT	693.31
F	26+92.70	14.35' RT	693.35	T	27+18.06	30.78' RT	693.35
G	26+86.39	0'	(694.10)	U	27+05.76	30.82' RT	693.79
H	26+92.94	0'	(694.12)	V	27+08.77	38.25' RT	(693.81)
I	26+99.25	14.33' RT	693.33	W	27+04.14	40.13' RT	(693.90)
J	26+98.71	14.33' RT	693.33	X	27+00.37	30.84' RT	693.87
K	26+99.44	15.91' RT	693.32	Y	26+85.46	30.79' RT	(694.05)
L	27+04.01	25.83' RT	693.71	Z	27+35.67	25.23' RT	(694.11)
M	27+18.04	25.78' RT	693.33	AA	27+37.48	31.22' RT	(694.07)
N	27+19.79	25.78' RT	693.30	AB	26+89.37	15.94' RT	693.86

SW CORNER POPLAR / ST CHARLES



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	35+11.30	32.14' LT	(693.95)	R	35+47.02	44.01' LT	693.93
B	35+16.27	32.23' LT	693.95	S	35+45.90	45.22' LT	693.93
C	35+22.78	33.5' LT	693.64	T	35+41.71	39.17' LT	694.17
D	35+26.79	35.2' LT	693.77	U	35+36.63	34.21' LT	694.07
E	35+32.77	39.07' LT	694.15	V	35+29.53	29.68' LT	693.68
F	35+37.04	43.24' LT	694.27	W	35+30.72	28.51' LT	693.68
G	35+38.98	45.74' LT	694.03	X	35+30.22	28.26' LT	693.67
H	35+39.16	51.87' LT	694.08	Y	35+25.25	26.22' LT	693.57
I	35+39.45	61.47' LT	694.70	Z	35+24.75	26.06' LT	693.58
J	35+39.60	66.47' LT	(694.76)	AA	35+24.76	27.73' LT	693.58
K	35+44.53	66.32' LT	(694.64)	AB	35+16.38	25.89' LT	(693.86)
L	35+44.38	61.32' LT	(694.63)	AC	35+16.36	27.24' LT	693.88
M	35+44.11	51.72' LT	694.01	AD	35+11.39	27.14' LT	(693.92)
N	35+48.17	50.04' LT	693.96	AE	35+71.29	49.72' LT	(694.33)
O	35+49.83	49.97' LT	693.99	AF	35+71.22	43.72' LT	(694.37)
P	35+49.62	49.44' LT	693.98	AG	35+30.74	5.15' LT	(693.87)
Q	35+47.26	44.43' LT	693.94	AH	35+24.78	5.15' LT	(693.94)

LEGEND ON SHEET 2

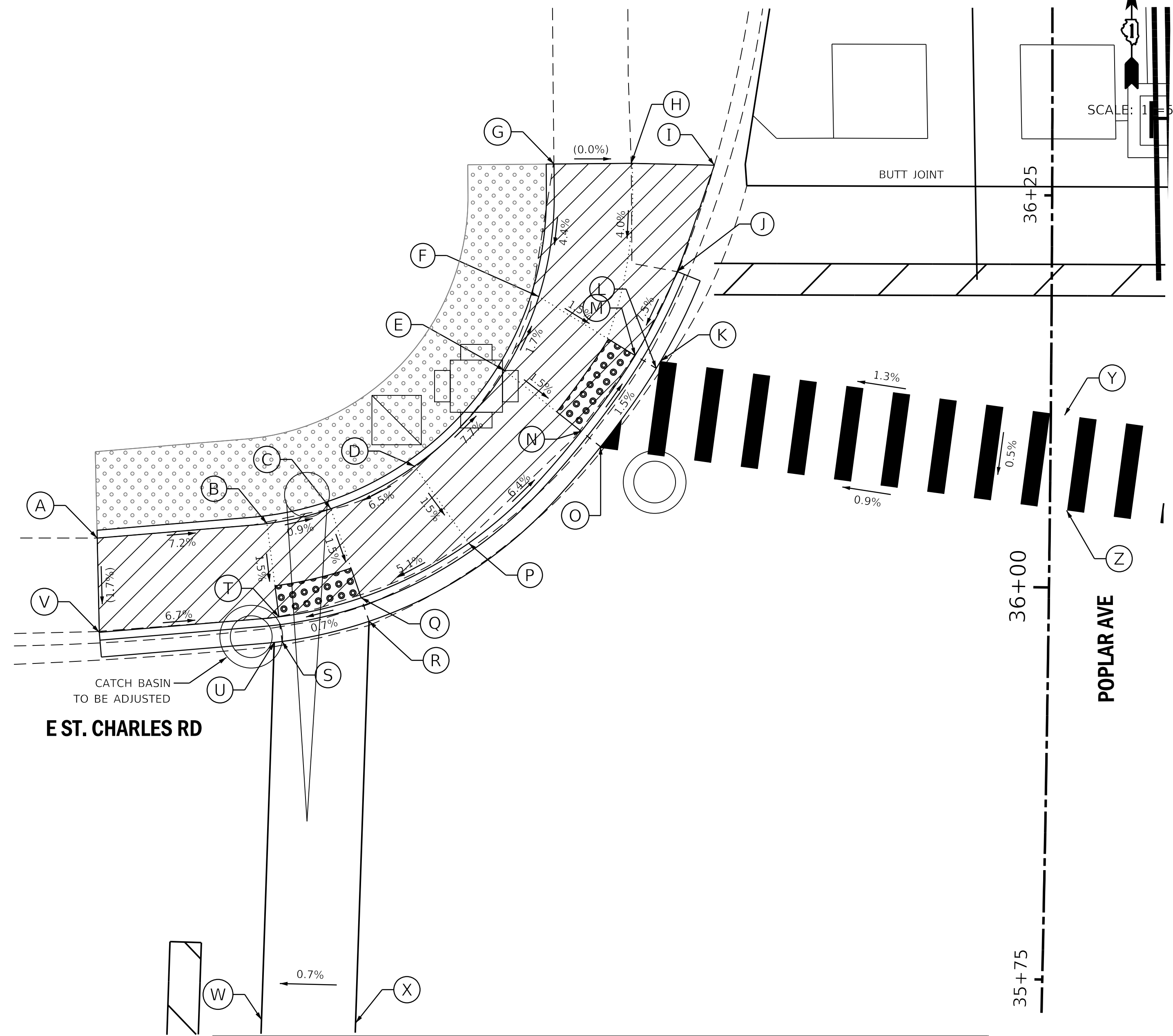
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	PLOT DATE = 11/3/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

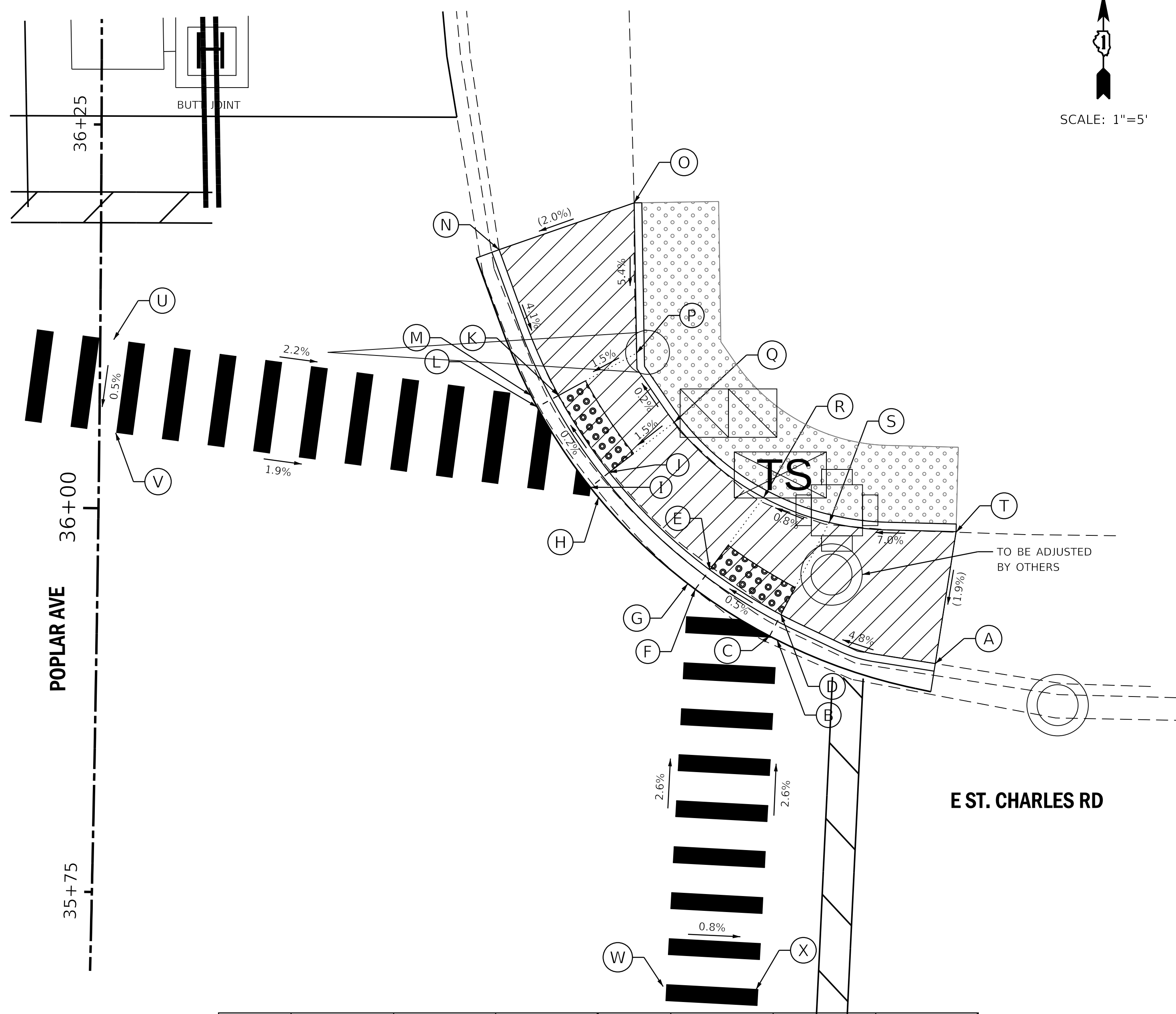
POPLAR AVENUE INTERSECTION DETAILS : MAY ST SW CORNER AND ST CHARLES RD SW CORNER			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	22
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

NW CORNER POPLAR / ST CHARLES



NE CORNER POPLAR / ST CHARLES



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	36+02.43	60.73' LT	(694.70)	N	36+09.68	29.93' LT	693.61
B	36+03.51	49.92' LT	693.92	O	36+08.70	28.69' LT	693.62
C	36+04.52	45.85' LT	693.96	P	36+02.39	37.04' LT	694.26
D	36+07.32	40.55' LT	694.35	Q	35+98.76	43.85' LT	693.87
E	36+13.56	34.84' LT	693.70	R	35+97.25	43.33' LT	693.88
F	36+18.35	32.71' LT	693.61	S	35+95.87	48.85' LT	693.84
G	36+26.90	31.78' LT	(693.99)	T	35+97.46	49.08' LT	693.83
H	36+26.97	26.85' LT	(693.99)	U	35+95.80	49.35' LT	693.84
I	36+26.86	21.55' LT	(693.75)	V	35+96.29	60.52' LT	(694.60)
J	36+20.01	23.89' LT	(693.95)	W	35+71.29	49.72' LT	(694.33)
K	36+14.25	24.91' LT	693.51	X	35+71.22	43.72' LT	(694.37)
L	36+13.78	25.18' LT	693.51	Y	36+10.99	0.88' RT	(693.85)
M	36+14.60	26.54' LT	693.50	Z	36+04.92	1.06' RT	(693.88)

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	35+90.75	54.63' RT	(693.84)	M	36+07.62	28.09' RT	693.26
B	35+92.11	44.31' RT	693.34	N	36+17.01	25.93' RT	(693.67)
C	35+92.35	43.82' RT	693.34	O	36+20.08	34.7' RT	(693.86)
D	35+93.73	44.53' RT	693.33	P	36+10.42	34.93' RT	693.33
E	35+96.54	39.85' RT	693.30	Q	36+05.99	37.42' RT	693.34
F	35+95.28	38.93' RT	693.31	R	36+01.22	43.29' RT	693.39
G	35+95.63	38.44' RT	693.31	S	35+99.68	47.6' RT	693.43
H	36+01.10	32.55' RT	693.27	T	35+99.20	55.86' RT	(694.01)
I	36+01.75	32' RT	693.27	U	36+10.99	0.88' RT	(693.85)
J	36+02.73	33.23' RT	693.26	V	36+04.92	1.06' RT	(693.88)
K	36+07.64	29.88' RT	693.25	W	35+69.72	37.33' RT	(693.99)
L	36+06.88	28.49' RT	693.26	X	35+69.67	43.38' RT	(693.94)

LEGEND ON SHEET 2

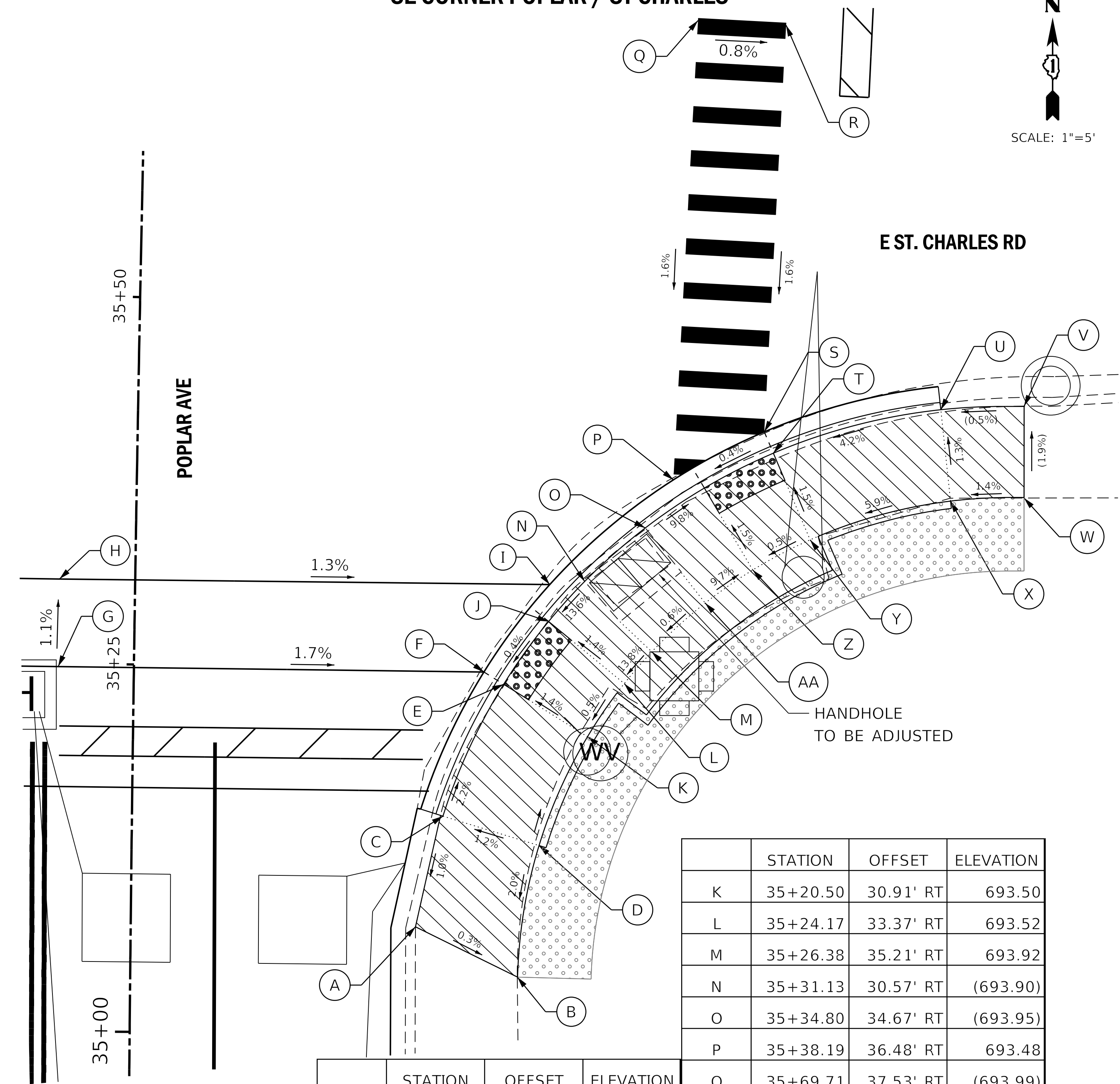
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Default		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

POPLAR AVENUE			
INTERSECTION DETAILS : ST CHARLES RD NW AND NE CORNERS			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	23
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

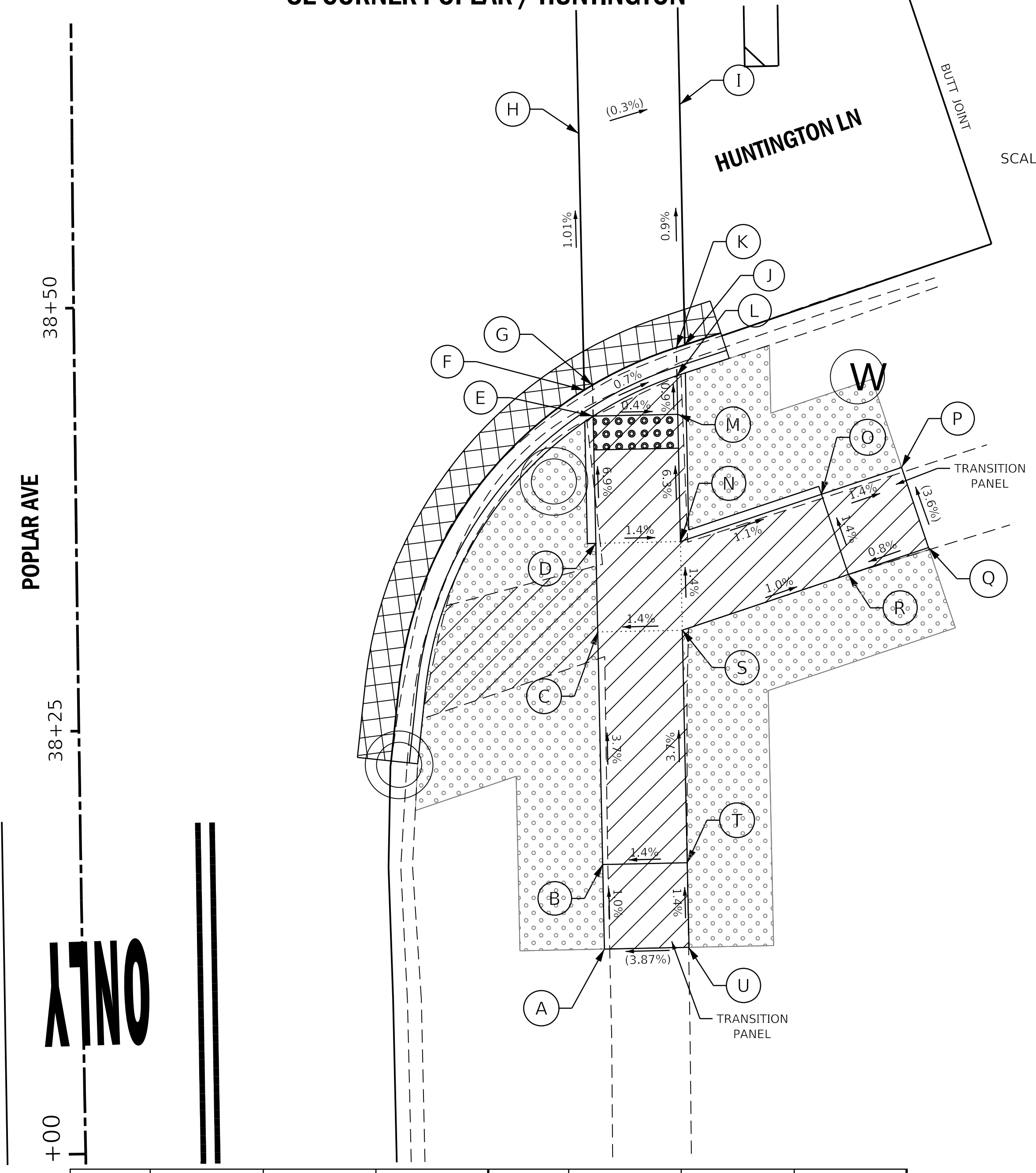
SE CORNER POPLAR / ST CHARLES



	STATION	OFFSET	ELEVATION
K	35+20.50	30.91' RT	693.50
L	35+24.17	33.37' RT	693.52
M	35+26.38	35.21' RT	693.92
N	35+31.13	30.57' RT	(693.90)
O	35+34.80	34.67' RT	(693.95)
P	35+38.19	36.48' RT	693.48
Q	35+69.71	37.53' RT	(693.99)
R	35+69.53	43.52' RT	(693.94)
S	35+41.59	42.61' RT	693.50
T	35+40.13	43.25' RT	693.49
U	35+43.33	54.59' RT	(693.98)
V	35+43.66	60.25' RT	(694.01)
W	35+37.38	60.36' RT	(694.13)
X	35+37.05	55.36' RT	694.06
Y	35+34.23	45.86' RT	693.59
Z	35+32.09	41.98' RT	693.57
AA	35+29.77	38.79' RT	693.95

	STATION	OFFSET	ELEVATION
A	35+07.35	19.37' RT	(693.73)
B	35+03.98	26.35' RT	(693.71)
C	35+14.94	21.15' RT	(693.81)
D	35+13.00	27.71' RT	(693.89)
E	35+24.01	25.16' RT	693.41
F	35+24.83	23.81' RT	693.42
G	35+24.78	-5.14' LT	(693.94)
H	35+30.74	-5.15' LT	(693.87)
I	35+30.88	28.2' RT	(693.45)
J	35+28.35	28.15' RT	693.43

SE CORNER POPLAR / HUNTINGTON



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	38+11.61	30.86' RT	(690.86)	L	38+45.61	35.61' RT	689.91
B	38+16.63	30.84' RT	690.91	M	38+43.31	35.64' RT	689.93
C	38+30.44	30.75' RT	690.40	N	38+35.75	35.7' RT	690.40
D	38+35.70	30.7' RT	690.47	O	38+38.45	44.07' RT	690.30
E	38+43.26	30.64' RT	689.95	P	38+40.00	48.83' RT	(690.23)
F	38+44.81	30.12' RT	689.96	Q	38+35.20	50.36' RT	(690.41)
G	38+45.11	30.62' RT	689.96	R	38+33.66	45.6' RT	690.37
H	38+60.04	29.95' RT	(689.81)	S	38+30.48	35.75' RT	690.47
I	38+61.71	35.94' RT	(689.79)	T	38+16.66	35.84' RT	690.98
J	38+47.43	36.09' RT	689.92	U	38+11.64	35.86' RT	(691.05)
K	38+47.27	35.6' RT	689.92				

FILE NAME =	USER NAME = steves	DESIGNED -	REVISED -
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	PLOT DATE = 11/3/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

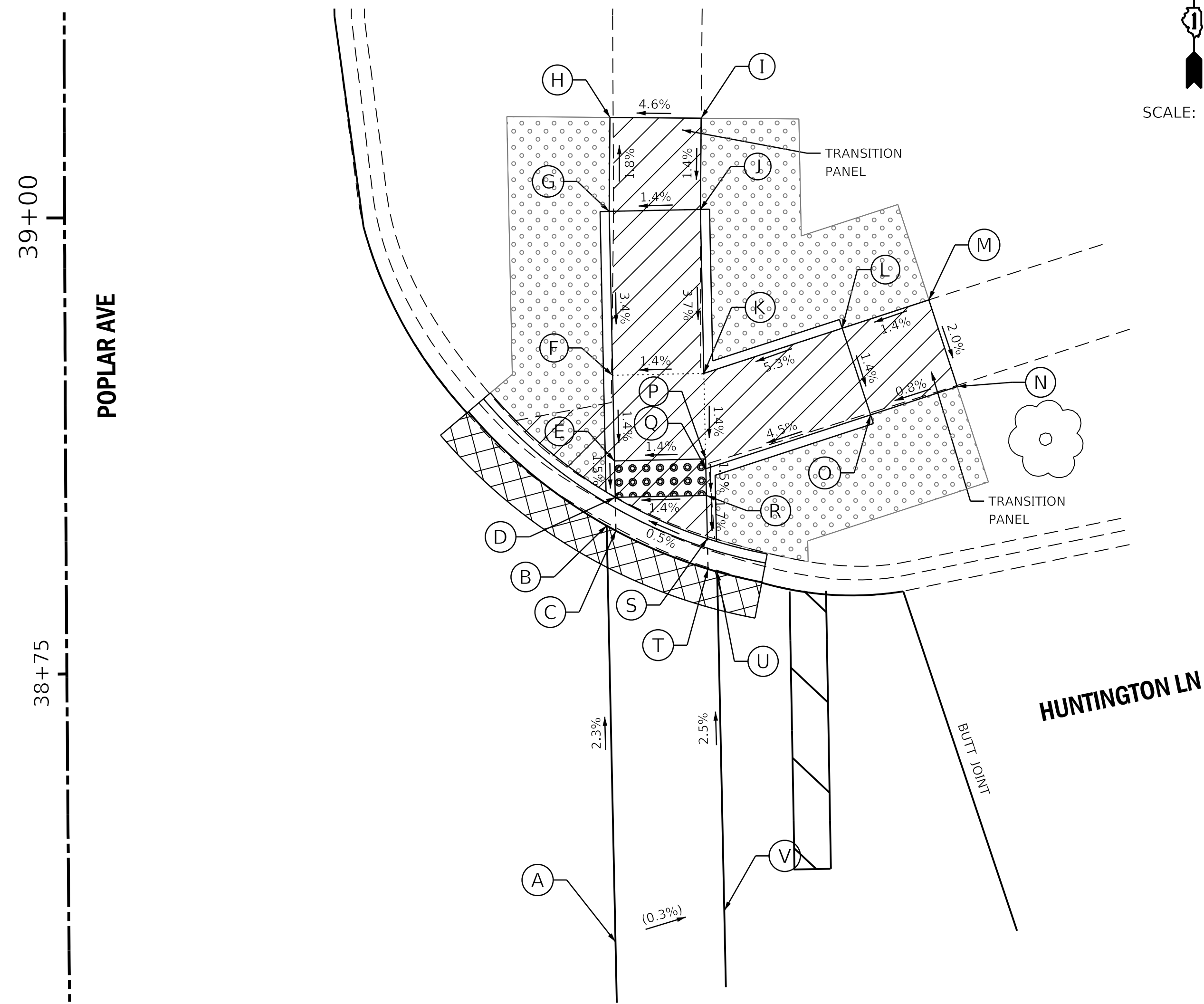
POPLAR AVENUE  
INTERSECTION DETAILS : ST CHARLES RD SE CORNER AND  
HUNTINGTON LN SE CORNER  
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	24
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				

LEGEND ON SHEET 2



NE CORNER POPLAR / HUNTINGTON

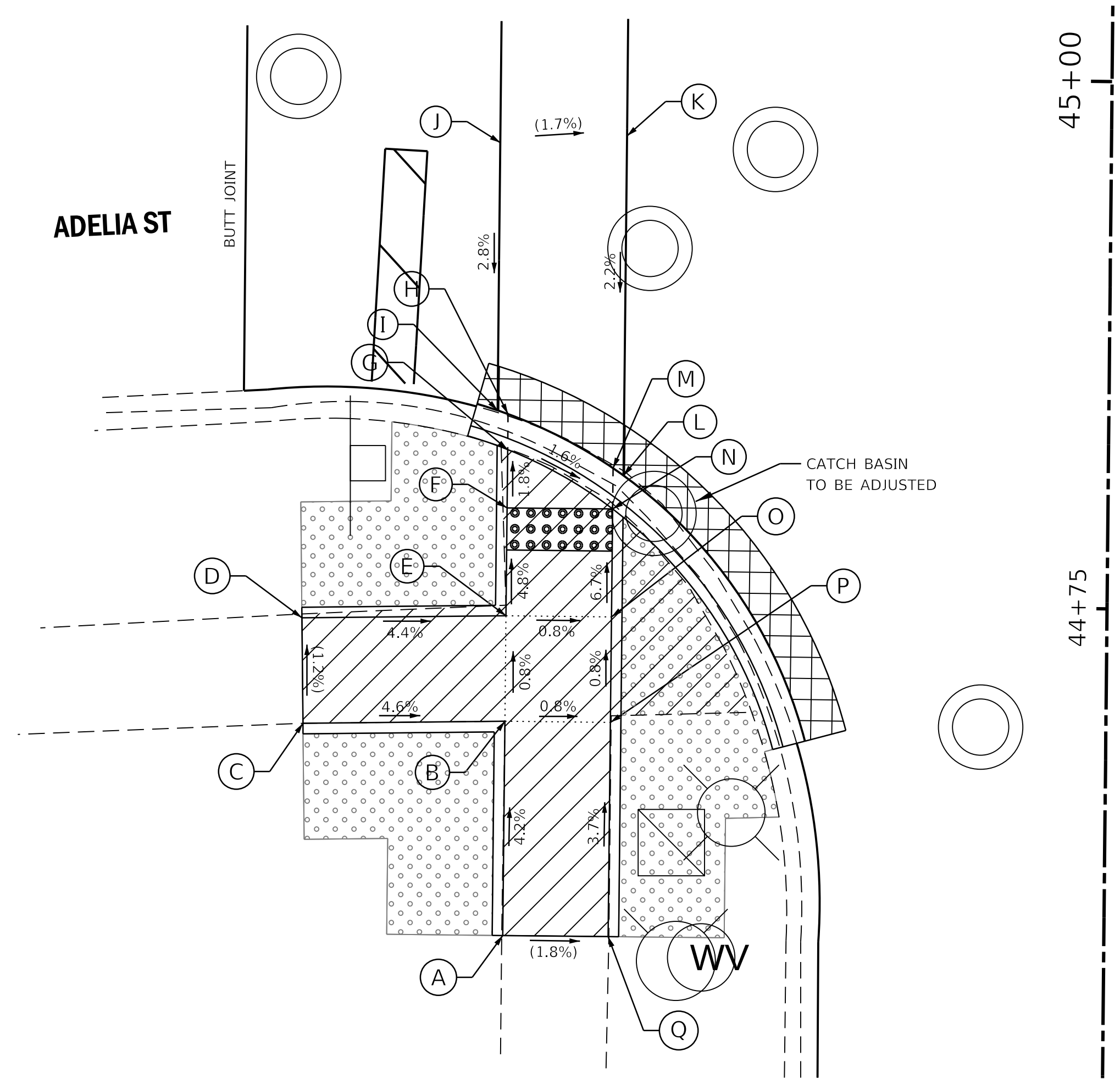


SCALE: 1"=5'

39+00  
POPLAR AVE  
38+75

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	38+60.04	29.95' RT	(689.81)	L	38+93.78	42.61' RT	689.87
B	38+82.96	29.64' RT	689.29	M	38+95.32	47.36' RT	(689.94)
C	38+82.67	30.15' RT	689.29	N	38+90.53	48.9' RT	(689.84)
D	38+84.51	30.12' RT	689.28	O	38+88.99	44.14' RT	689.80
E	38+86.52	30.09' RT	689.31	P	38+86.60	35.09' RT	689.38
F	38+91.24	30.01' RT	689.38	Q	38+86.07	35.09' RT	689.37
G	39+00.26	29.85' RT	689.71	R	38+84.59	35.12' RT	689.35
H	39+05.43	29.91' RT	(689.62)	S	38+82.21	35.15' RT	689.31
I	39+05.38	34.91' RT	(689.85)	T	38+80.54	35.18' RT	689.32
J	39+00.35	34.85' RT	689.78	U	38+80.38	35.68' RT	689.32
K	38+91.32	35.01' RT	689.45	V	38+61.71	35.94' RT	(689.79)

SW CORNER POPLAR / ADELIA



SCALE: 1"=5'

45+00  
POPLAR AVE  
44+75

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	44+59.24	28.49' LT	(687.61)	J	44+96.82	28.96' LT	(687.22)
B	44+69.40	28.48' LT	687.18	K	44+97.20	22.96' LT	(687.12)
C	44+69.21	38.05' LT	(687.63)	L	44+81.10	22.98' LT	686.77
D	44+74.21	38.15' LT	(687.57)	M	44+81.45	23.48' LT	686.77
E	44+74.40	28.48' LT	687.14	N	44+79.51	23.48' LT	686.76
F	44+79.52	28.48' LT	686.90	O	44+74.39	23.48' LT	687.10
G	44+82.28	28.47' LT	686.85	P	44+69.39	23.48' LT	687.14
H	44+83.96	28.47' LT	686.86	Q	44+59.24	23.49' LT	(687.52)
I	44+84.14	28.97' LT	686.86				

LEGEND ON SHEET 2

FILE NAME =	USER NAME = staves	DESIGNED -	REVISED -
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Default	PLOT SCALE = 5.0000"/in.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

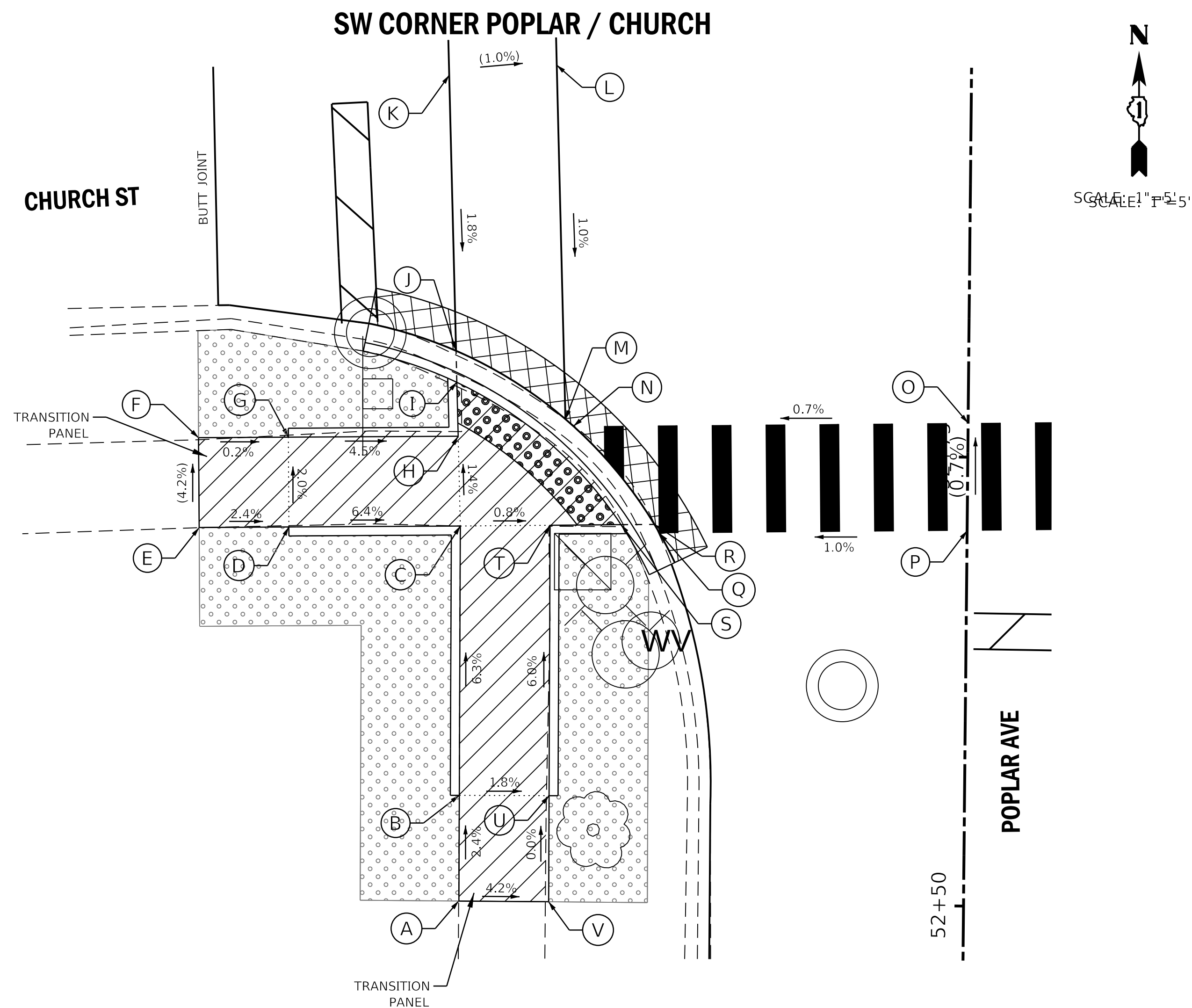
POPLAR AVENUE  
INTERSECTION DETAILS : HUNTINGTON LN NE CORNER AND  
ADELIA ST SW CORNER

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

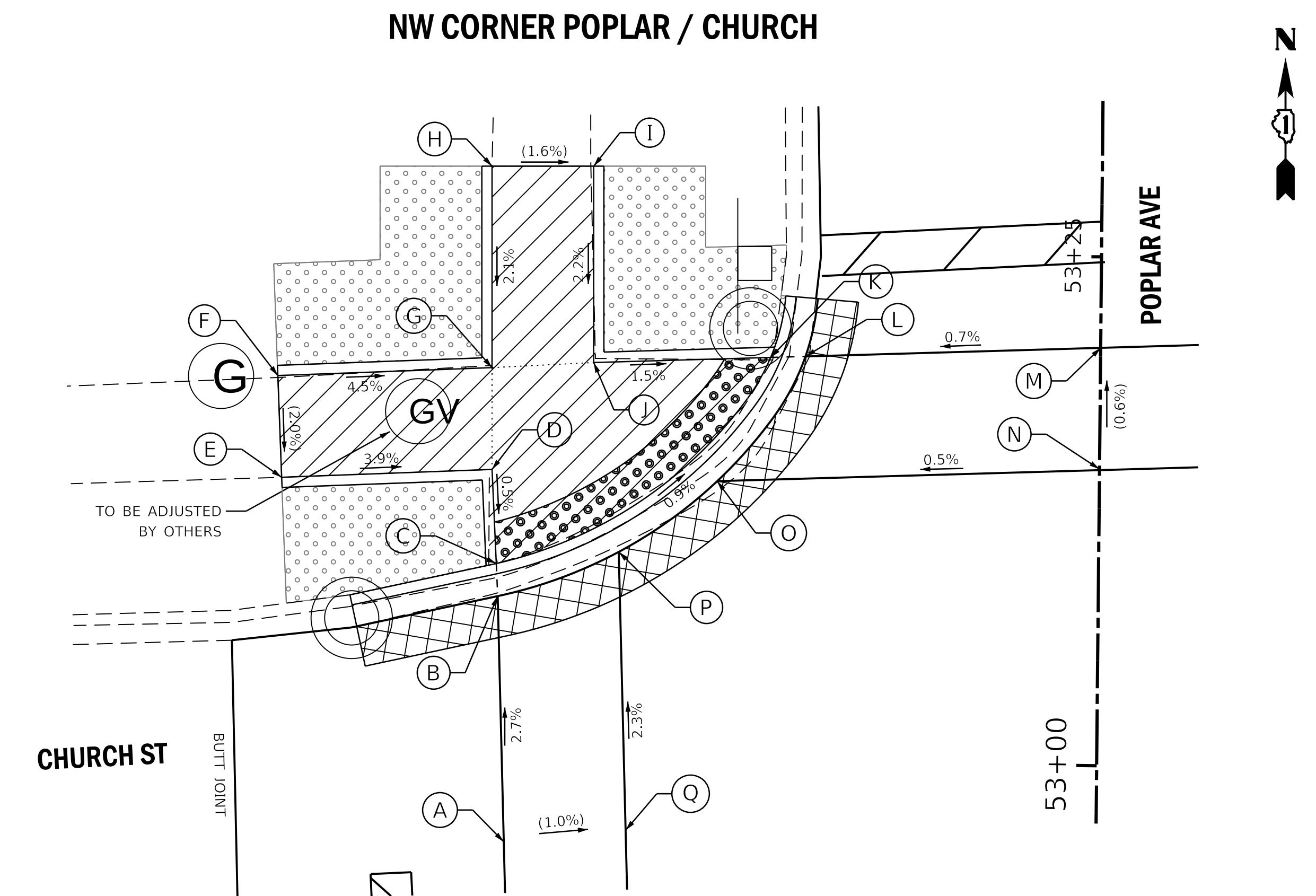
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	25
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				







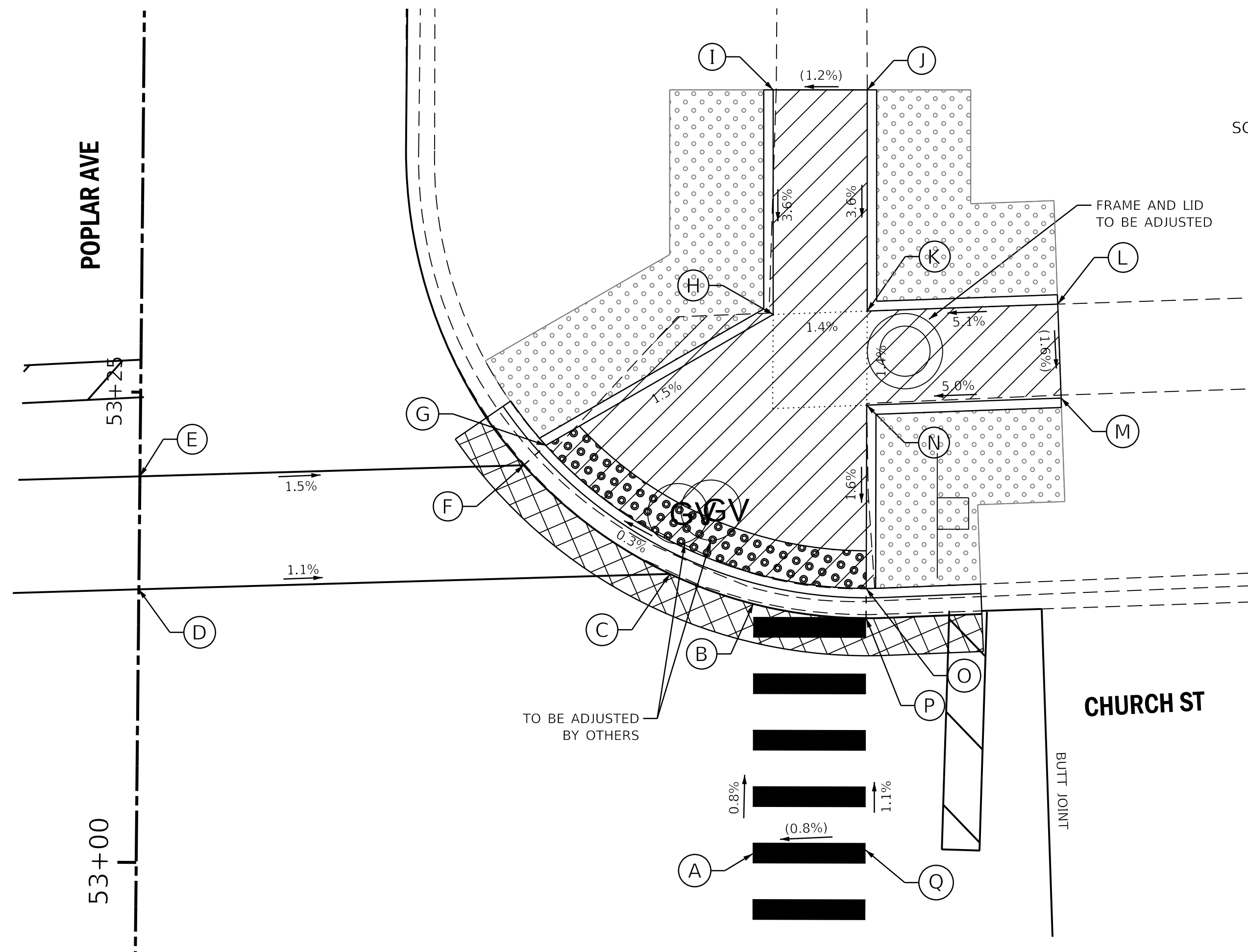
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	52+50.01	28.11' LT	(682.71)	L	52+96.60	23.1' LT	(681.76)
B	52+55.89	28.14' LT	682.59	M	52+76.89	22.43' LT	681.56
C	52+70.89	28.22' LT	681.64	N	52+76.51	21.98' LT	681.56
D	52+70.75	37.77' LT	682.14	O	52+76.90	0'	(681.71)
E	52+70.67	42.77' LT	(682.26)	P	52+70.90	0'	(681.75)
F	52+75.67	42.85' LT	(682.05)	Q	52+70.59	17.12' LT	681.58
G	52+75.75	37.85' LT	682.04	R	52+71.09	17.42' LT	681.58
H	52+75.89	28.4' LT	681.57	S	52+71.05	19.28' LT	681.57
I	52+78.89	28.5' LT	681.53	T	52+70.98	23.22' LT	681.60
J	52+80.65	28.56' LT	681.54	U	52+55.92	23.14' LT	682.50
K	52+95.98	29.09' LT	(681.82)	V	52+50.02	23.11' LT	(682.50)



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	52+95.98	29.09' LT	(681.82)	J	53+19.56	24.89' LT	681.45
B	53+08.05	29.5' LT	681.49	K	53+19.90	16.21' LT	681.32
C	53+09.65	29.59' LT	681.48	L	53+19.97	14.5' LT	681.33
D	53+14.27	29.84' LT	681.50	M	53+20.53	0'	(681.43)
E	53+13.78	40.17' LT	(681.90)	N	53+14.52	0'	(681.48)
F	53+18.78	40.4' LT	(682.00)	O	53+13.80	18.78' LT	681.39
G	53+19.27	29.89' LT	681.53	P	53+10.28	23.57' LT	681.44
H	53+29.16	29.99' LT	(681.74)	Q	52+96.60	23.1' LT	(681.76)
I	53+29.21	24.99' LT	(681.66)				

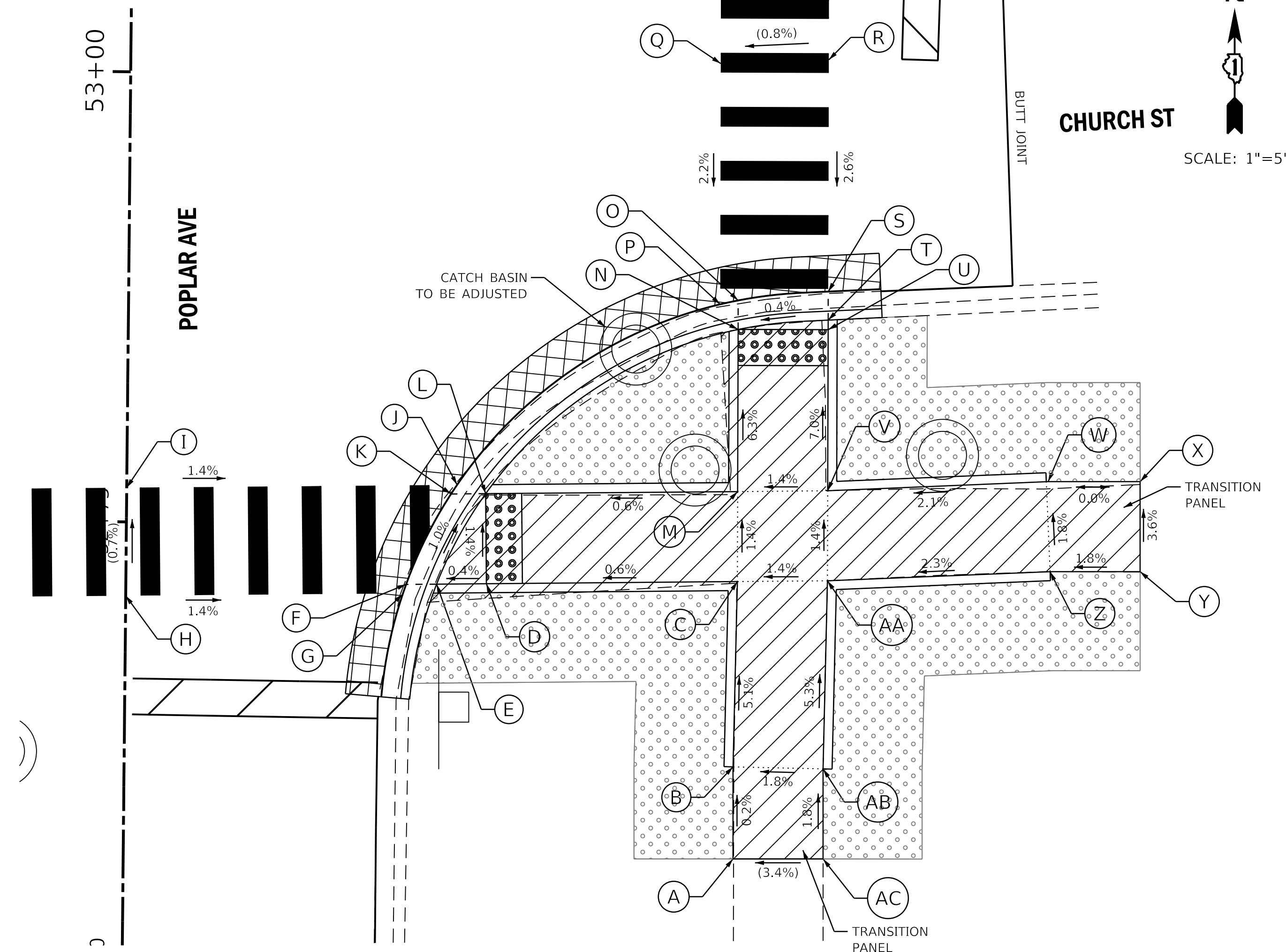
LEGEND ON SHEET 2

**NE CORNER POPLAR / CHURCH**



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	53+00.77	32.76' RT	(681.28)	J	53+41.45	38.46' RT	(681.84)
B	53+14.06	32.67' RT	681.18	K	53+29.69	38.58' RT	681.42
C	53+15.61	28.22' RT	681.16	L	53+30.15	48.7' RT	(681.94)
D	53+14.52	0'	(681.48)	M	53+25.16	48.93' RT	(681.86)
E	53+20.53	0'	(681.43)	N	53+24.68	38.59' RT	681.35
F	53+21.31	20.4' RT	681.13	O	53+14.94	38.66' RT	681.19
G	53+22.38	21.56' RT	681.14	P	53+13.36	38.67' RT	681.20
H	53+29.46	33.58' RT	681.35	Q	53+01.03	38.76' RT	(681.33)
I	53+41.40	33.46' RT	(681.78)				

**SE CORNER POPLAR / CHURCH**



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	52+56.61	33.86' RT	(682.15)	P	52+87.40	32.86' RT	680.98
B	52+61.72	33.82' RT	682.14	Q	53+00.77	32.76' RT	(681.28)
C	52+72.01	33.96' RT	681.61	R	53+01.03	38.76' RT	(681.33)
D	52+71.76	20.03' RT	681.53	S	52+88.16	38.85' RT	681.00
E	52+71.71	17.26' RT	681.52	T	52+86.58	38.86' RT	680.99
F	52+71.68	15.56' RT	681.53	U	52+86.05	38.86' RT	680.99
G	52+71.18	15.39' RT	681.54	V	52+77.10	38.93' RT	681.61
H	52+70.90	0'	(681.75)	W	52+77.72	51.06' RT	681.87
I	52+76.90	0'	(681.71)	X	52+77.78	56.27' RT	(681.87)
J	52+77.23	18.34' RT	681.46	Y	52+72.78	56.32' RT	(682.05)
K	52+76.72	18.01' RT	681.47	Z	52+72.73	51.32' RT	681.96
L	52+76.76	19.94' RT	681.46	AA	52+72.10	38.96' RT	681.68
M	52+77.01	33.93' RT	681.54	AB	52+61.65	38.82' RT	682.23
N	52+86.01	33.87' RT	680.97	AC	52+56.65	38.86' RT	(682.32)
O	52+87.63	33.85' RT	680.98				

**LEGEND ON SHEET 2**

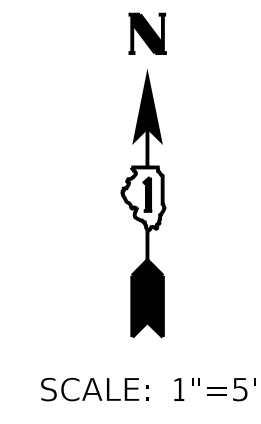
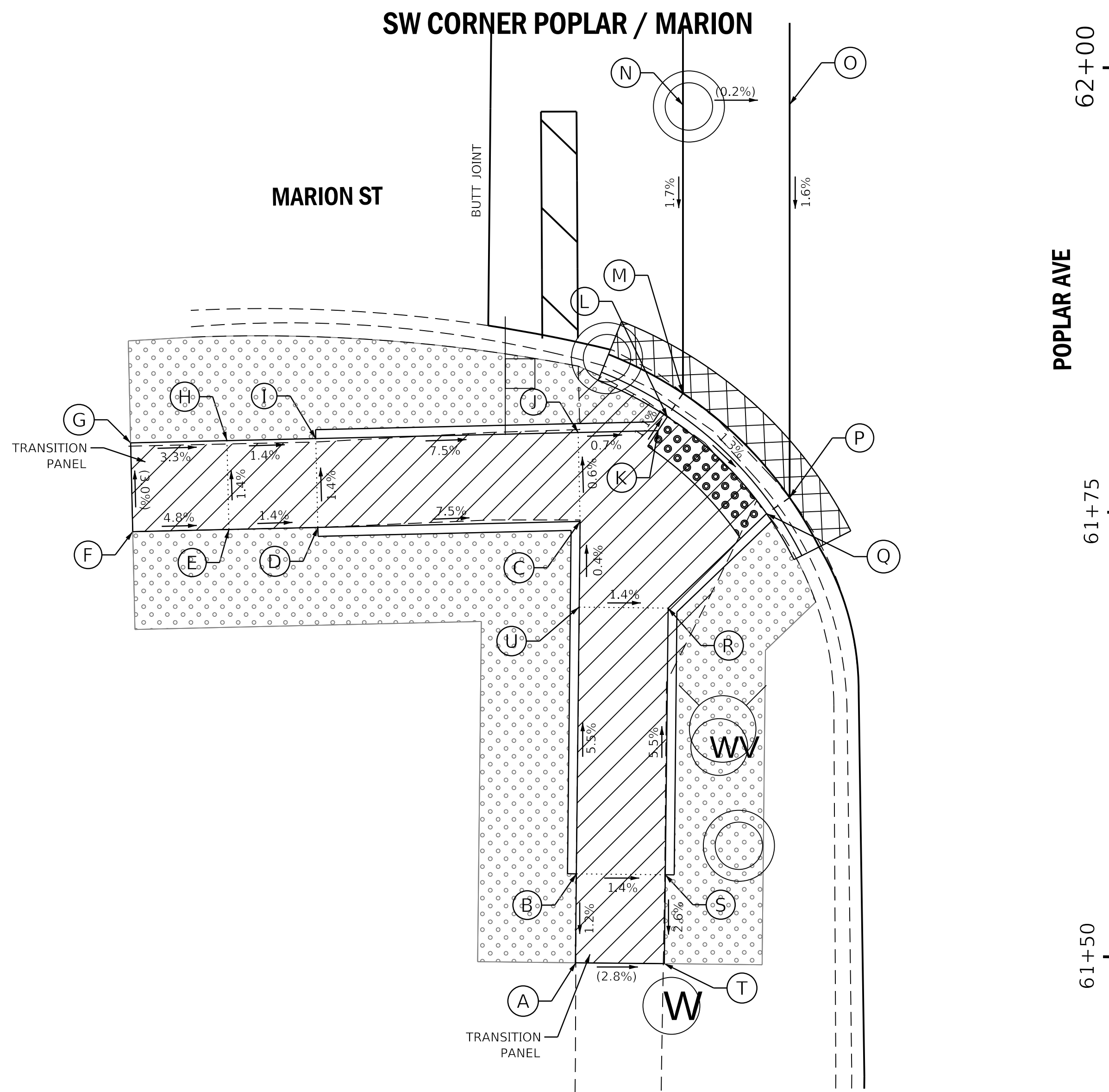
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

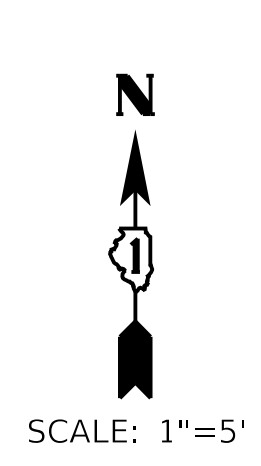
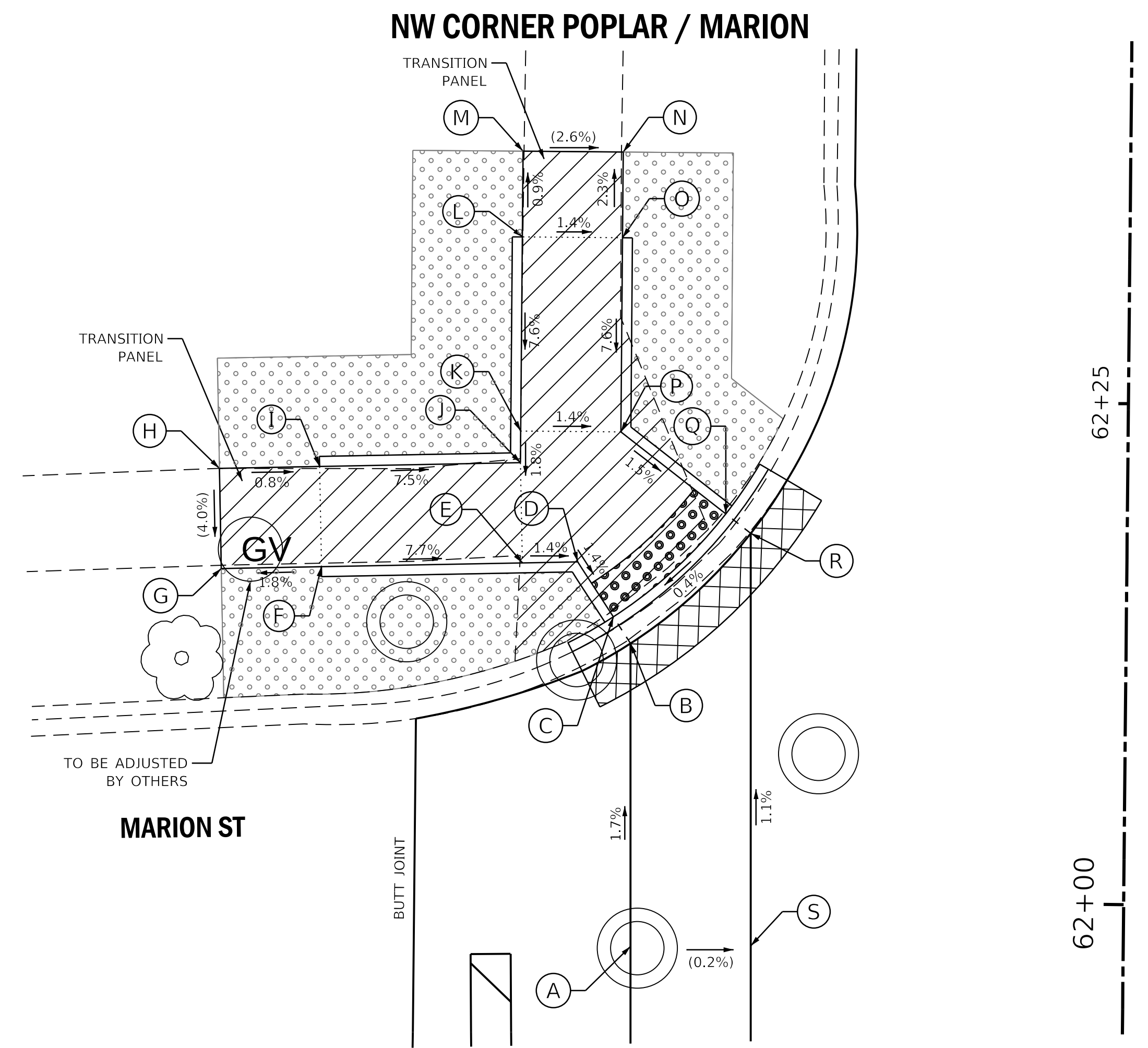
**POPLAR AVENUE  
INTERSECTION DETAILS : CHURCH ST SE CORNER AND  
MARION ST SW CORNER**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	29
CONTRACT NO. 61E31				
ILLINOIS FED. AID PROJECT				



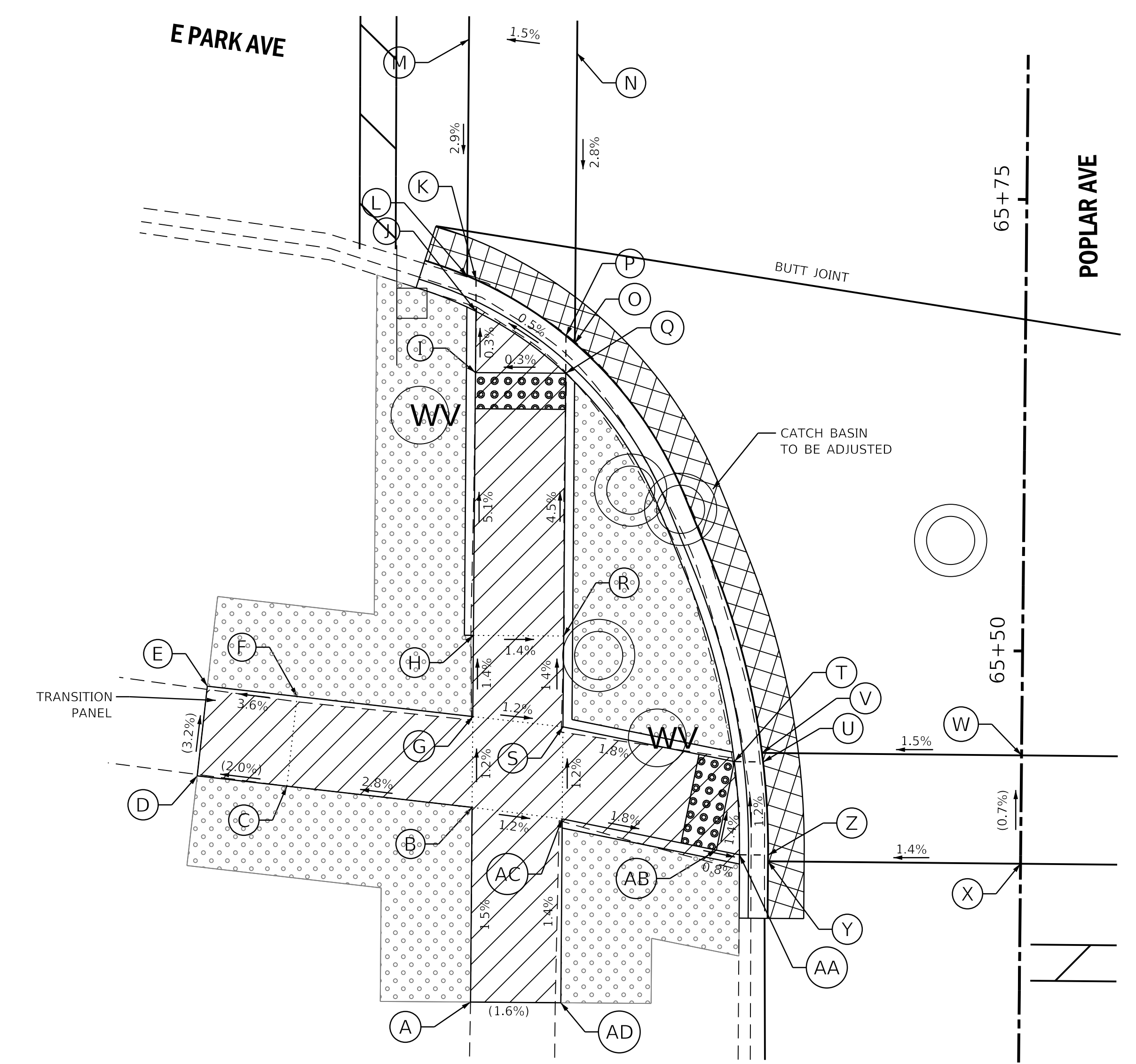
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A	61+49.38	30.17' LT	(681.77)	L	61+80.13	25.3' LT	680.92
B	61+54.38	30.17' LT	(681.83)	M	61+81.46	24.43' LT	680.93
C	61+74.20	30.15' LT	680.99	N	61+97.67	24.59' LT	(681.20)
D	61+73.72	44.9' LT	682.10	O	61+97.76	18.59' LT	(681.19)
E	61+73.55	49.89' LT	682.17	P	61+75.65	18.38' LT	680.83
F	61+73.38	55.3' LT	(682.43)	Q	61+74.73	19.66' LT	680.82
G	61+78.37	55.47' LT	(682.28)	R	61+69.37	25.15' LT	680.94
H	61+78.55	50.06' LT	682.10	S	61+54.37	25.17' LT	681.76
I	61+78.72	45.06' LT	682.03	T	61+49.37	25.17' LT	(681.63)
J	61+79.20	30.31' LT	680.96	U	61+69.38	30.16' LT	681.01
K	61+79.35	25.81' LT	680.93				



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	61+97.67	24.59' LT	(681.20)	K	62+23.34	30.32' LT	681.13
B	62+12.80	24.74' LT	680.94	L	62+33.03	30.31' LT	(681.87)
C	62+14.11	25.61' LT	680.93	M	62+37.31	30.34' LT	(681.83)
D	62+16.84	27.41' LT	680.97	N	62+37.31	25.34' LT	(681.70)
E	62+16.76	30.17' LT	681.01	O	62+33.03	25.33' LT	681.80
F	62+16.48	40.2' LT	681.78	P	62+23.35	25.32' LT	681.06
G	62+16.34	45.2' LT	(681.69)	Q	62+19.31	20.04' LT	680.96
H	62+21.34	45.34' LT	(681.89)	R	62+18.34	18.79' LT	680.97
I	62+21.48	40.34' LT	681.85	S	61+97.76	18.59' LT	(681.19)
J	62+21.76	30.32' LT	681.10				

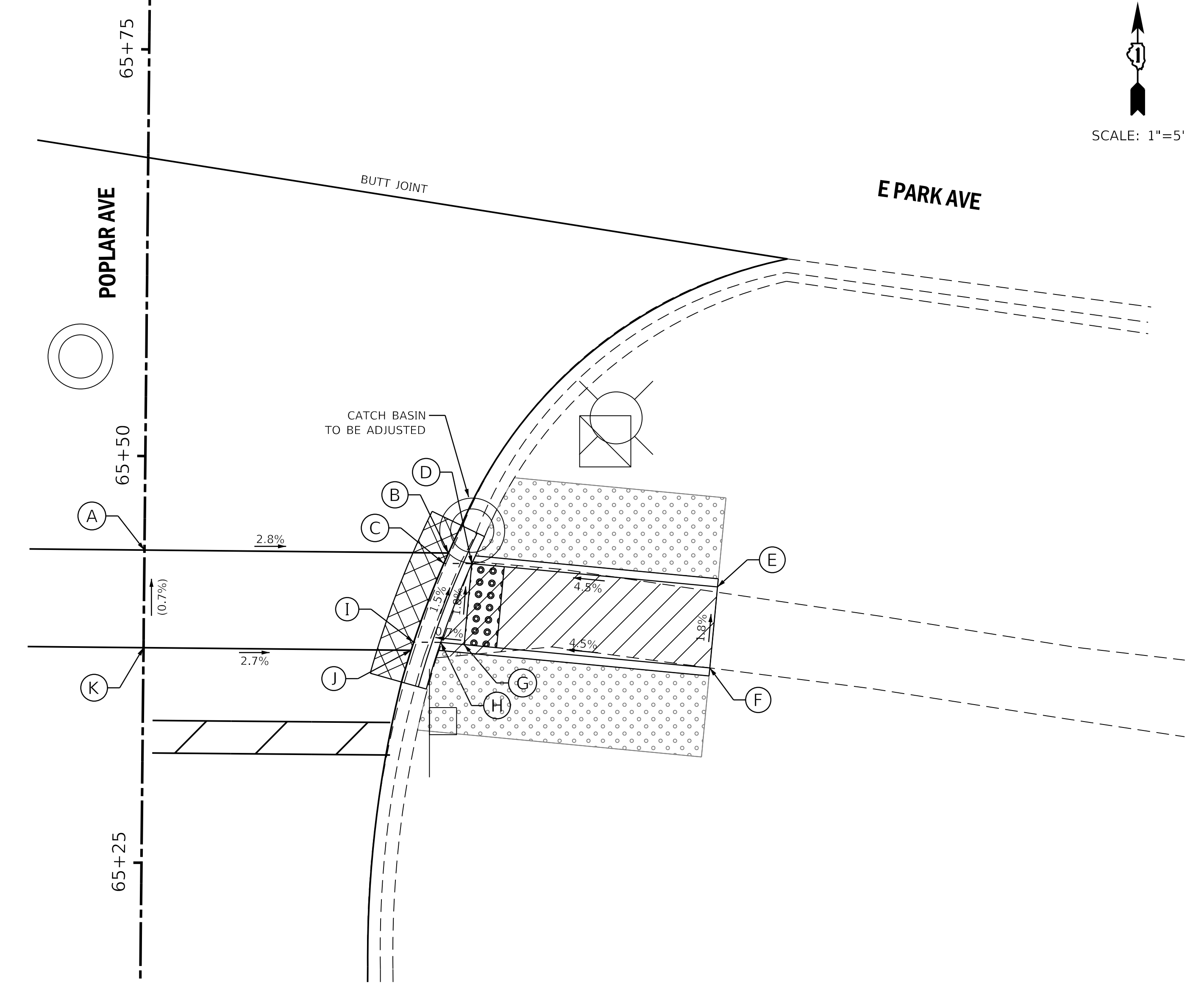
LEGEND ON SHEET 2

**SW CORNER POPLAR / PARK**



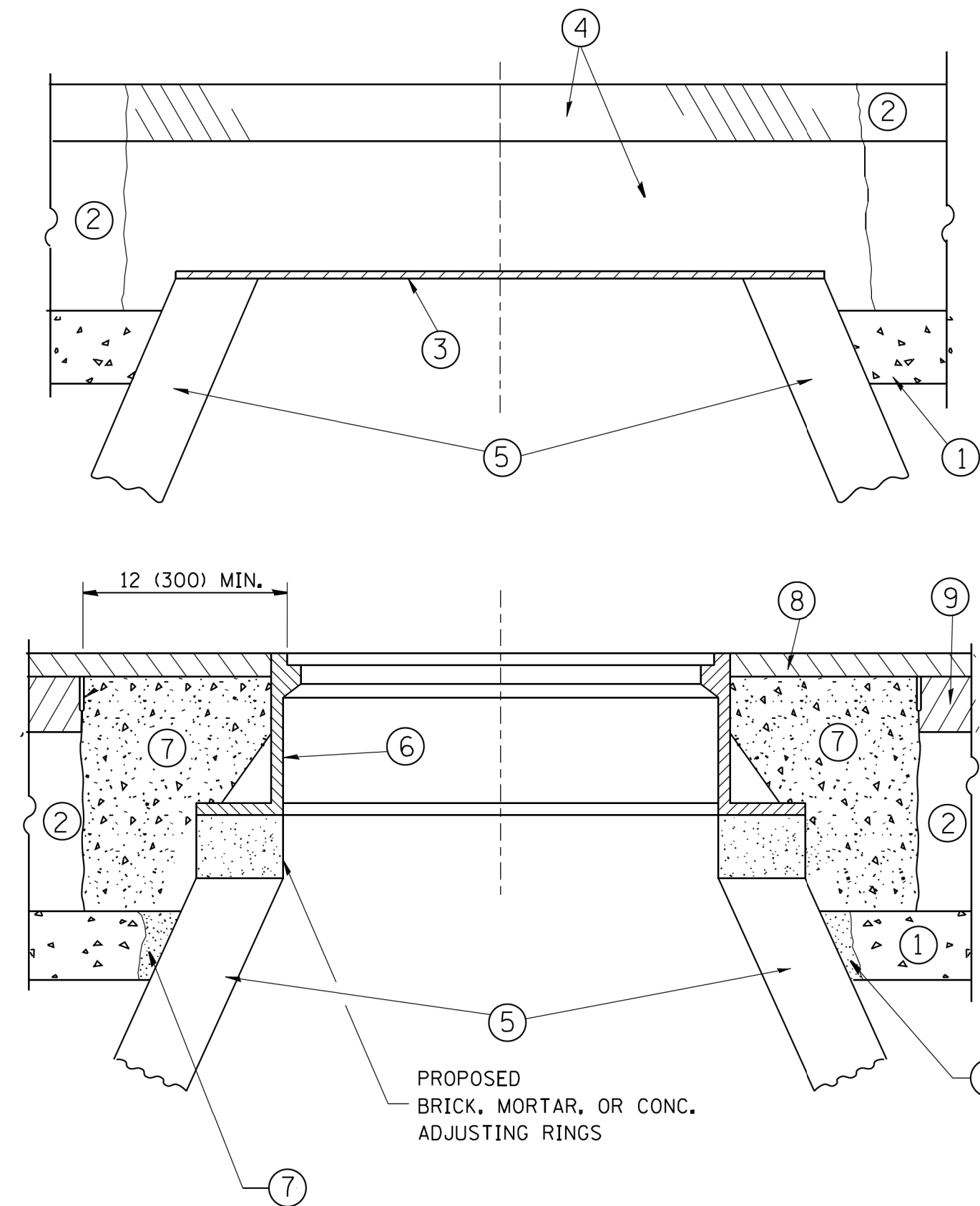
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	65+30.27	30.39' LT	(679.26)	P	65+67.22	25.46' LT	678.26
B	65+41.05	30.41' LT	679.10	Q	65+65.13	25.46' LT	678.25
C	65+42.12	40.68' LT	(678.81)	R	65+50.58	25.43' LT	678.91
D	65+42.64	45.65' LT	(678.71)	S	65+45.55	25.42' LT	678.98
E	65+47.62	45.13' LT	(678.54)	T	65+43.72	15.9' LT	678.81
F	65+47.10	40.16' LT	678.72	U	65+43.72	14.31' LT	678.82
G	65+46.08	30.42' LT	679.04	V	65+44.22	14.38' LT	678.82
H	65+50.57	30.43' LT	678.98	W	65+44.22	0'	(679.03)
I	65+65.12	30.46' LT	678.23	X	65+38.22	0'	(679.07)
J	65+68.52	30.46' LT	678.22	Y	65+38.22	13.99' LT	678.88
K	65+70.26	30.47' LT	678.23	Z	65+38.56	13.99' LT	678.88
L	65+70.48	30.97' LT	678.23	AA	65+38.56	15.57' LT	678.87
M	65+83.56	30.99' LT	(678.61)	AB	65+38.81	16.85' LT	678.88
N	65+82.85	24.99' LT	(678.70)	AC	65+40.46	25.41' LT	679.04
O	65+66.80	24.96' LT	678.26	AD	65+30.28	25.39' LT	(679.18)

**SE CORNER POPLAR / PARK**



	STATION	OFFSET	ELEVATION
A	65+44.22	0'	(679.03)
B	65+44.22	18.68' RT	678.51
C	65+43.58	18.41' RT	678.52
D	65+43.58	20.13' RT	678.51
E	65+42.29	35.24' RT	(679.19)
F	65+37.31	34.82' RT	(679.28)
G	65+38.60	19.71' RT	678.60
H	65+38.72	18.26' RT	678.59
I	65+38.72	16.6' RT	678.61
J	65+38.22	16.44' RT	678.62
K	65+38.22	0'	(679.07)

**LEGEND ON SHEET 2**



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

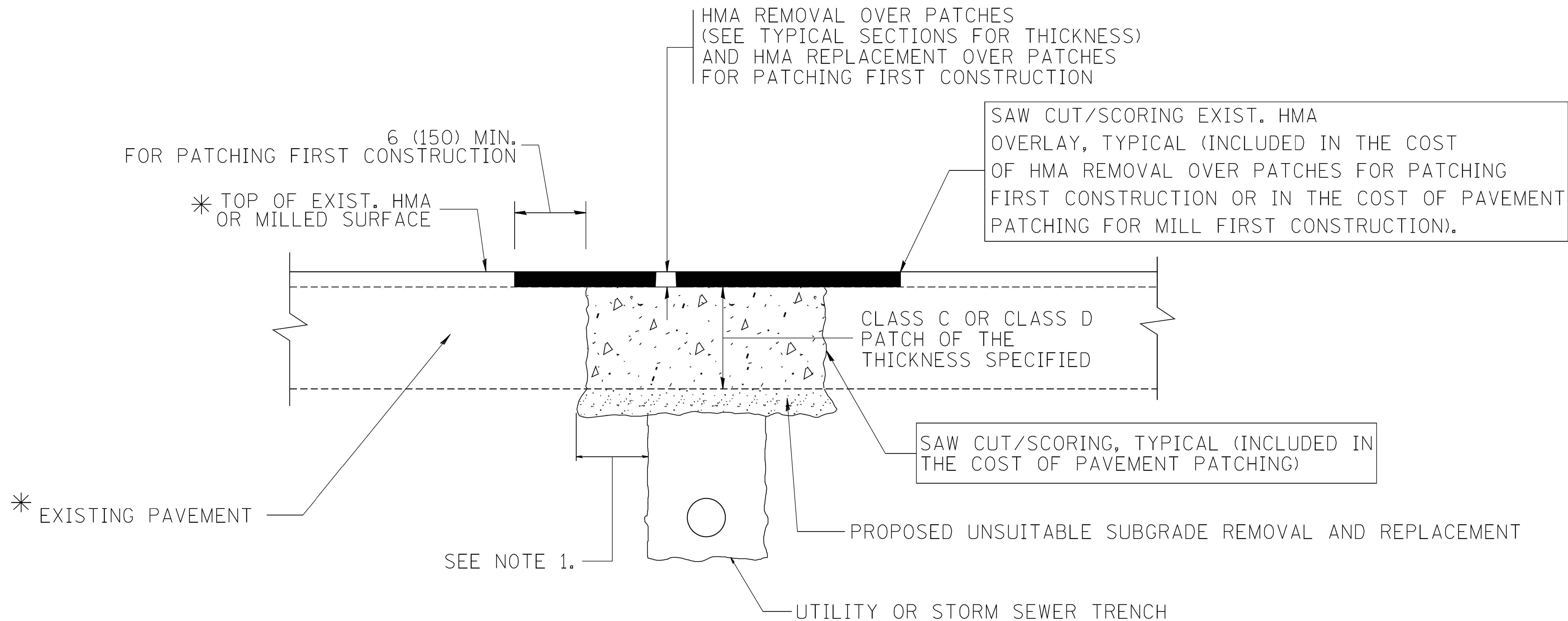
FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 1/64" = 1/16" / m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	32
<b>BD600-03 (BD-8)</b>		CONTRACT NO.	61E31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\dststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 09-04-07
		DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	33
<b>BD400-04 (BD-22)</b>		CONTRACT NO.	61E31	
FED. ROAD DIST. NO. 1 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  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

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.

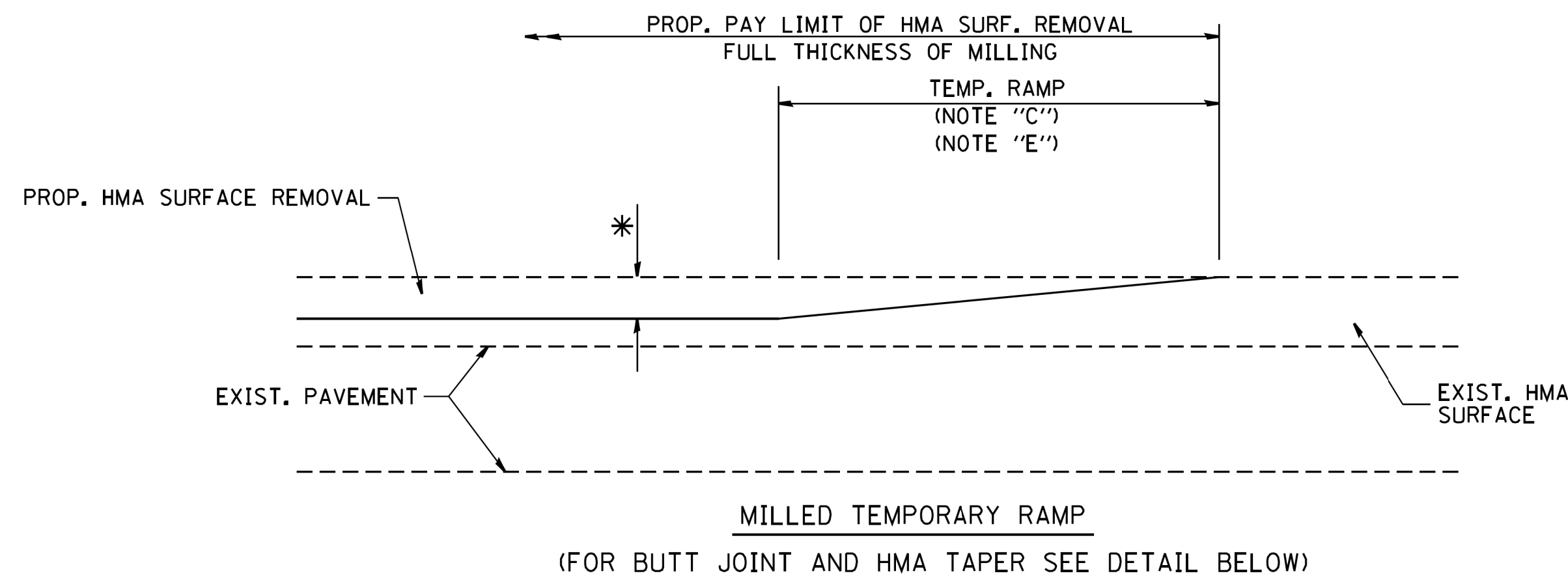
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**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".

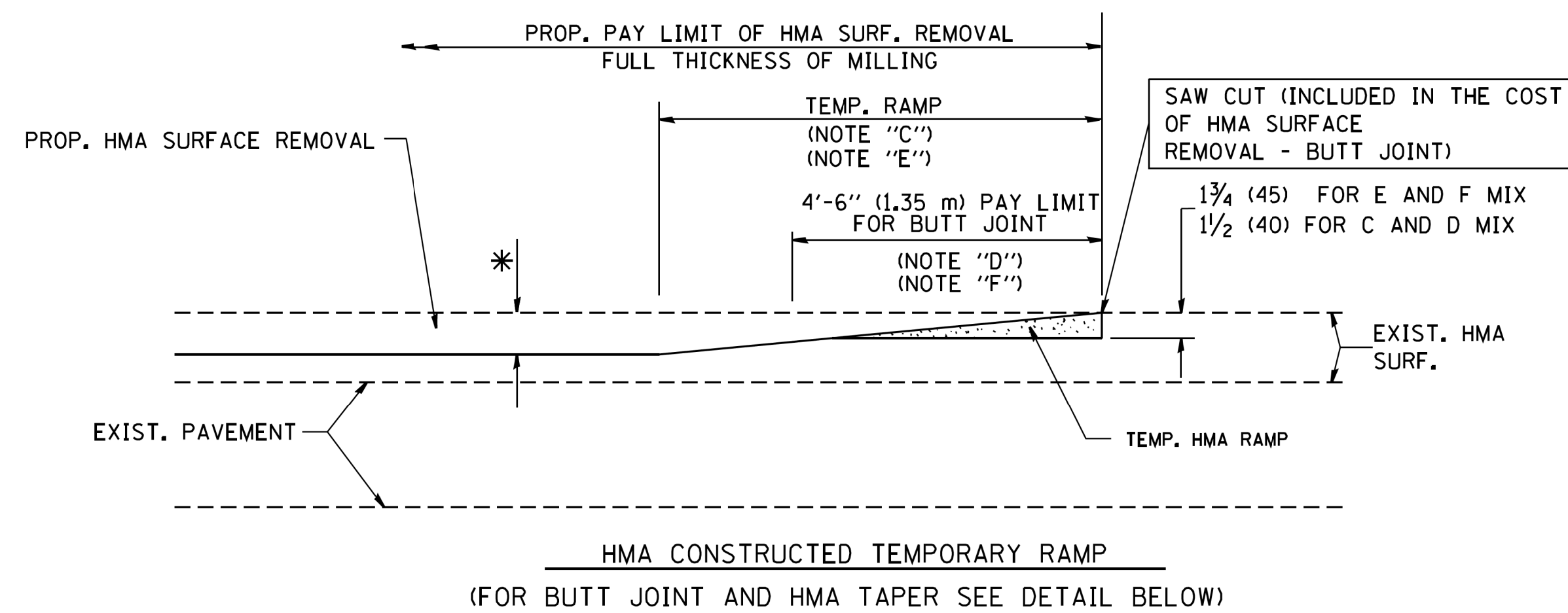
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\drivakosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97					3823	17-00190-00-RS	DUPAGE	40	34
	PLOT SCALE = 50.000' / 1"	CHECKED -	REVISED - M. GOMEZ 01-22-01		<b>BD600-06 (BD-24)</b>			CONTRACT NO. 61E31				
	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				

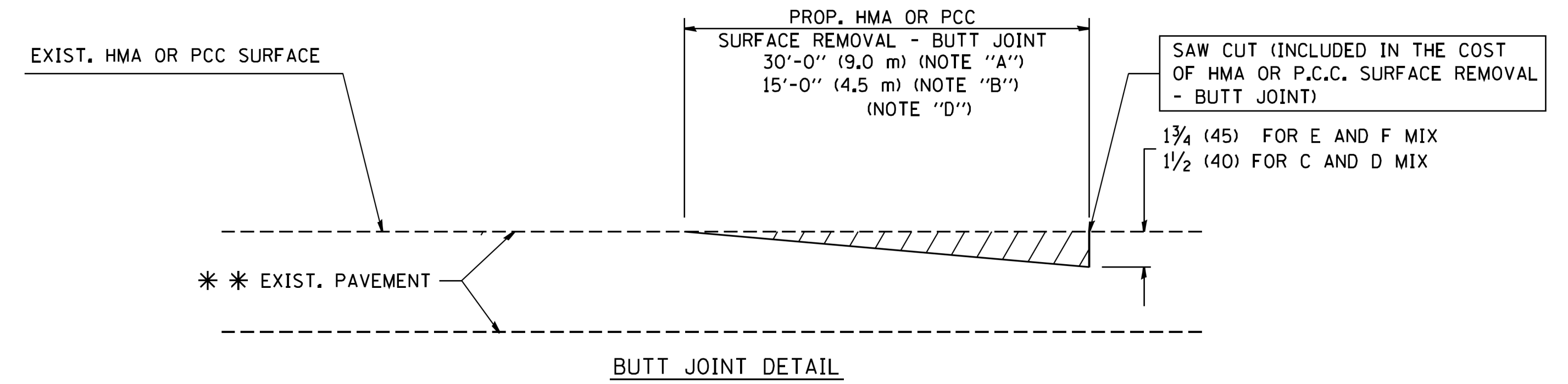


**OPTION 1**

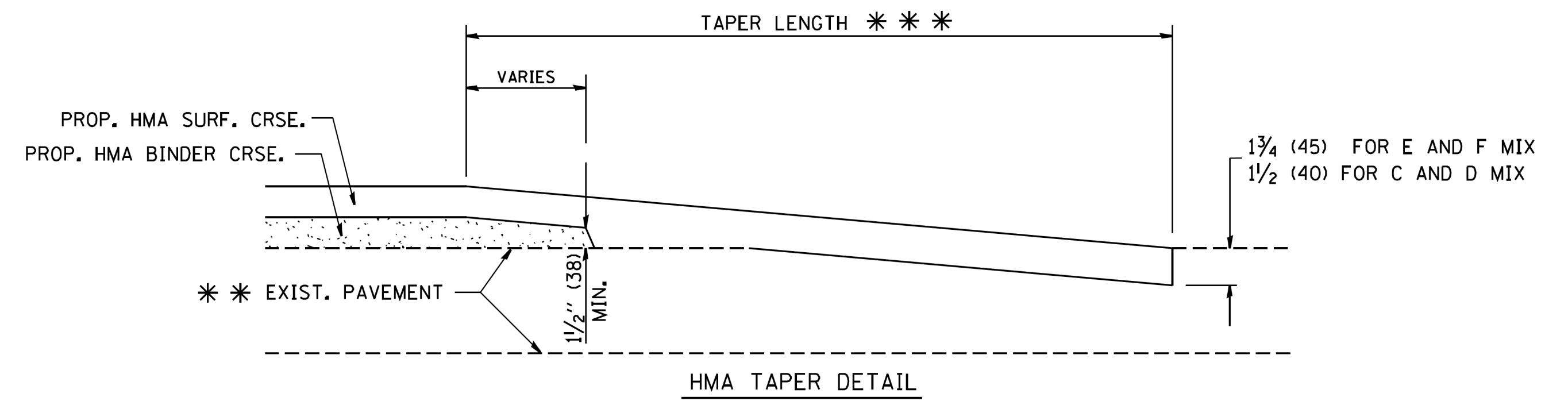


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

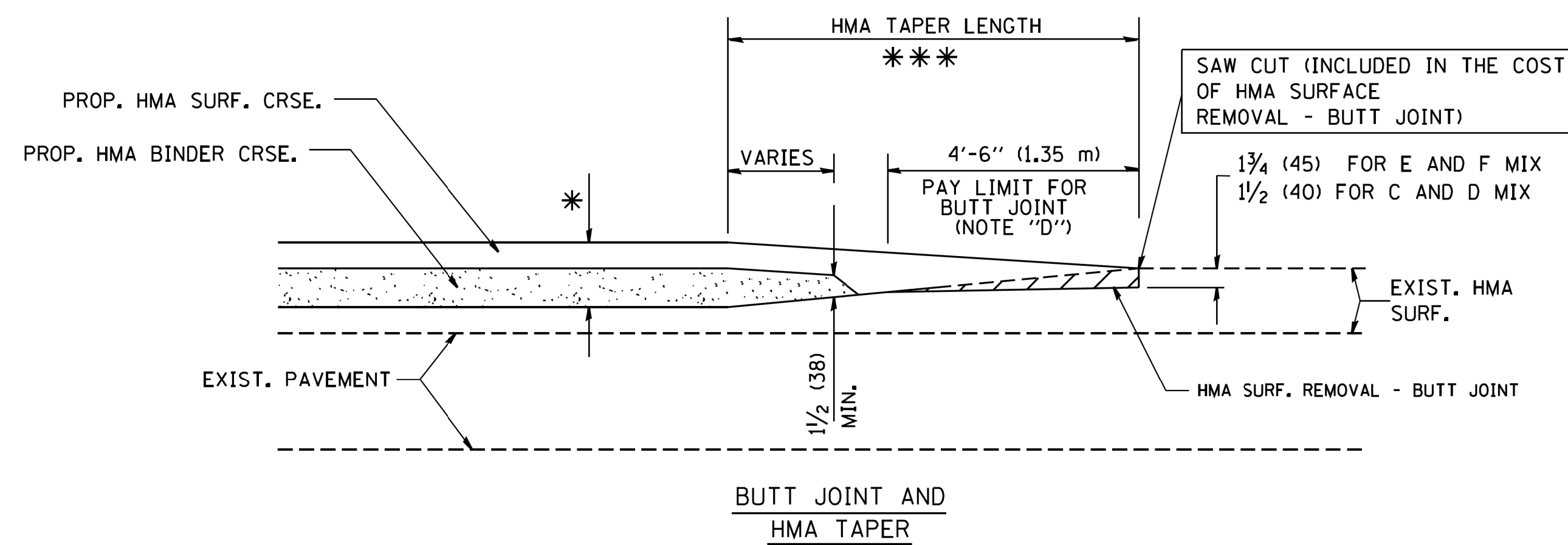
**NOTES**

- 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.



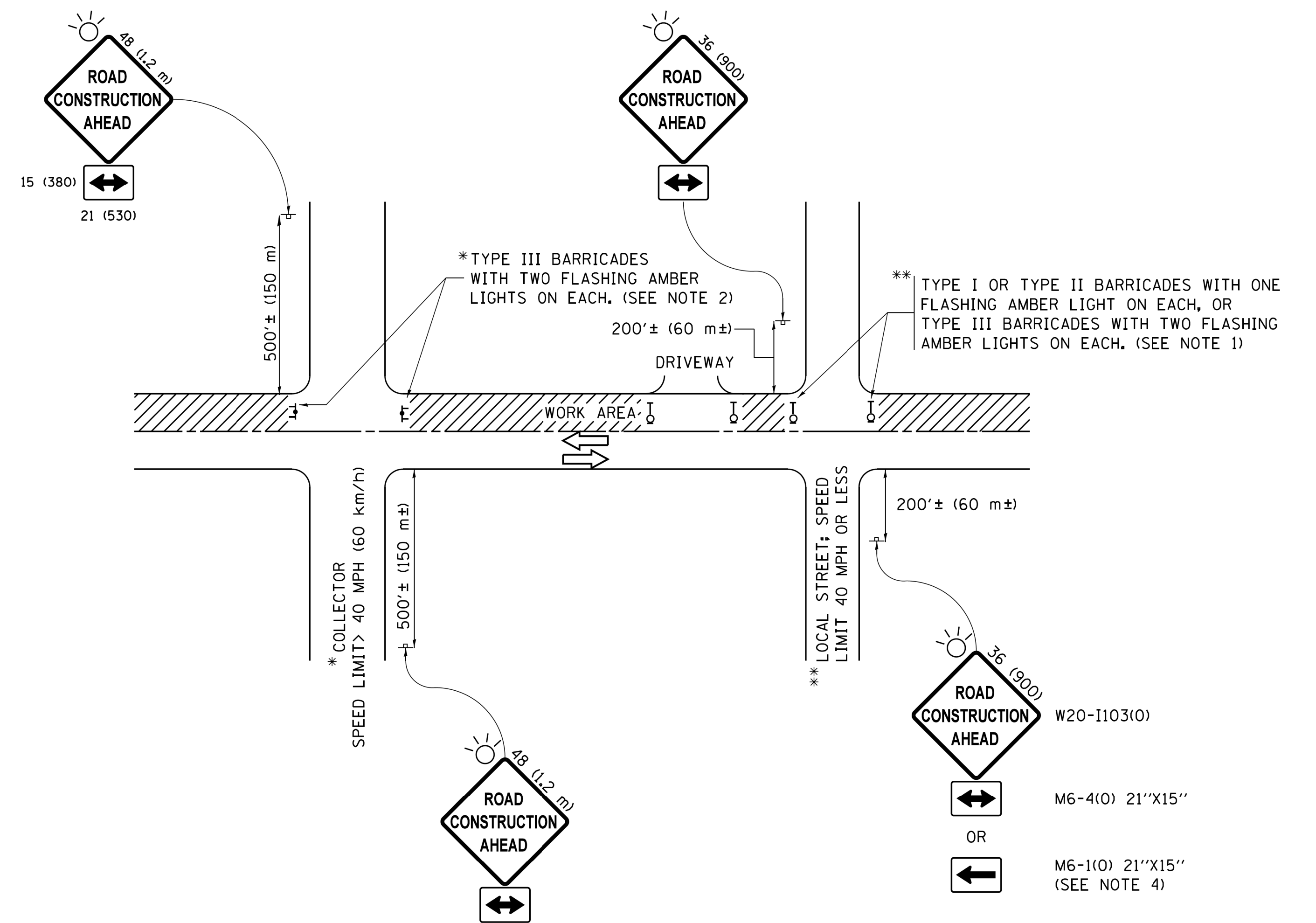
**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	35
<b>BD400-05 BD32</b>		<b>CONTRACT NO.</b>		61E31
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.

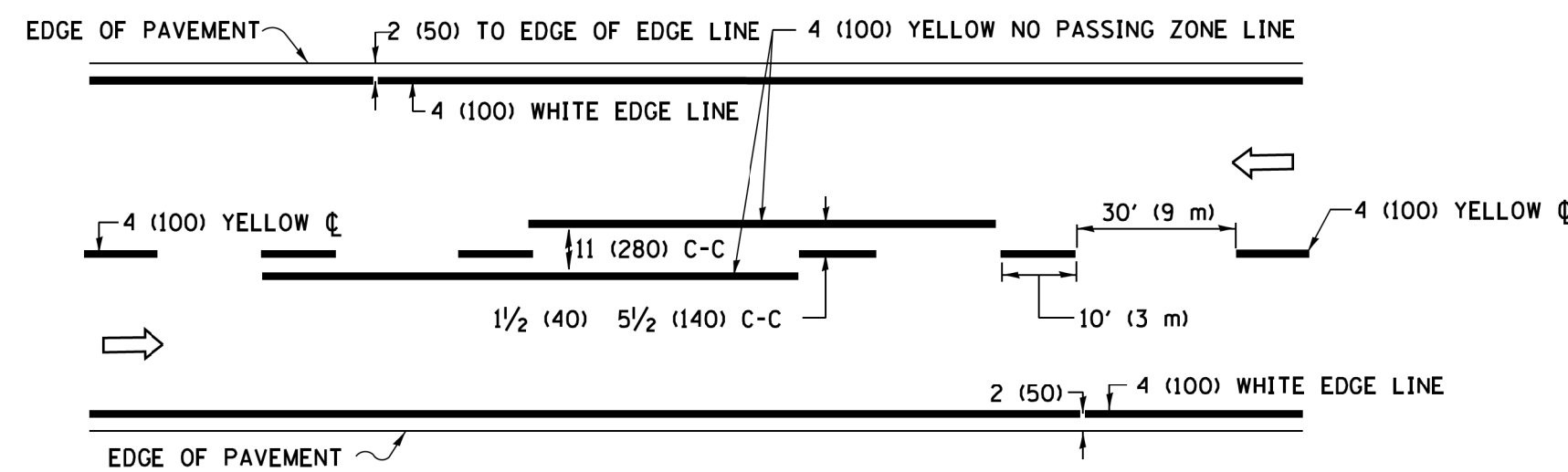
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	PLOT DATE = 9/15/2016		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

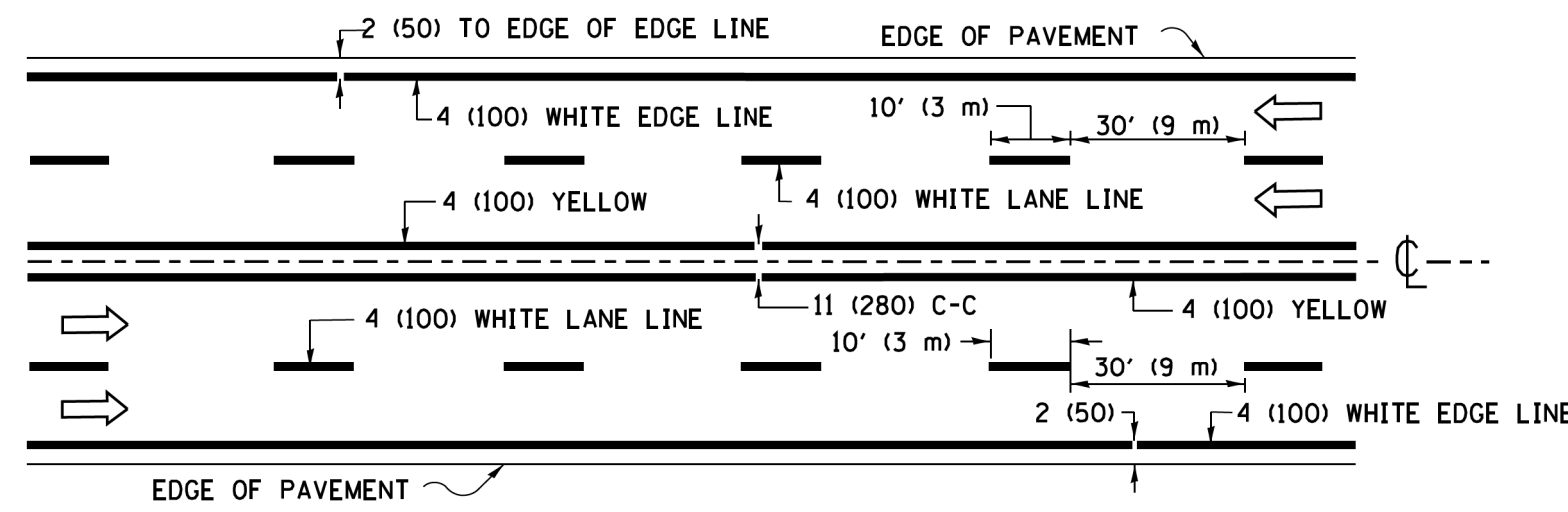
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

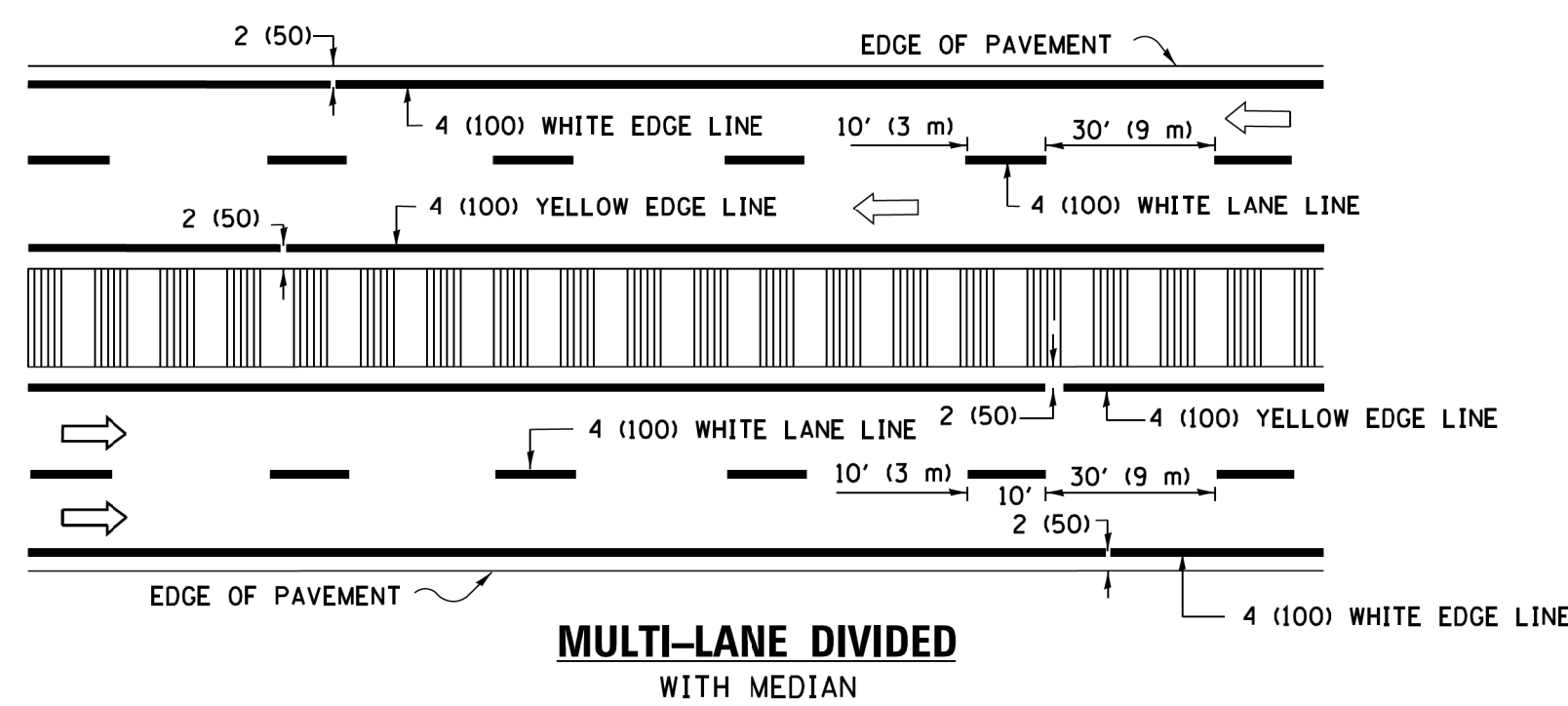
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3823	17-00190-00-RS	DUPAGE	40	36
<b>TC-10</b>			<b>CONTRACT NO. 61E31</b>	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

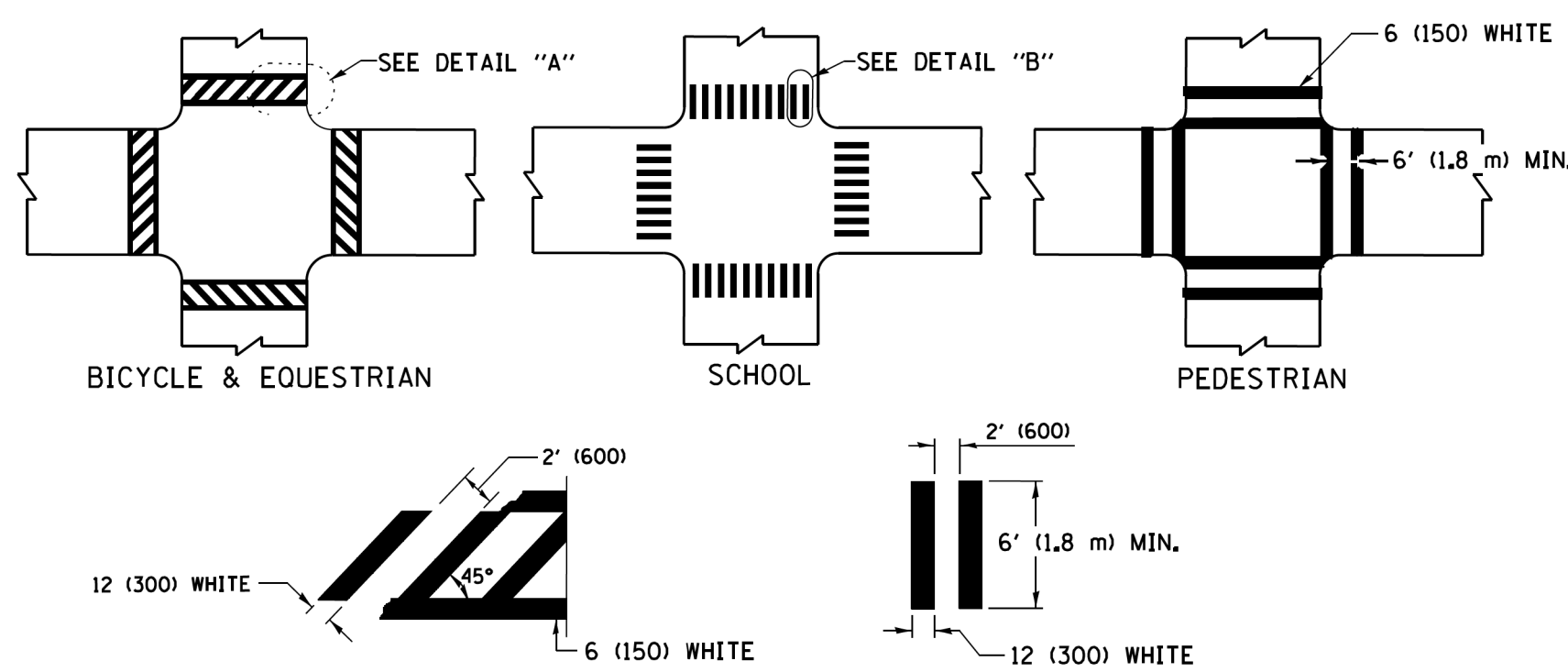


**MULTI-LANE UNDIVIDED**



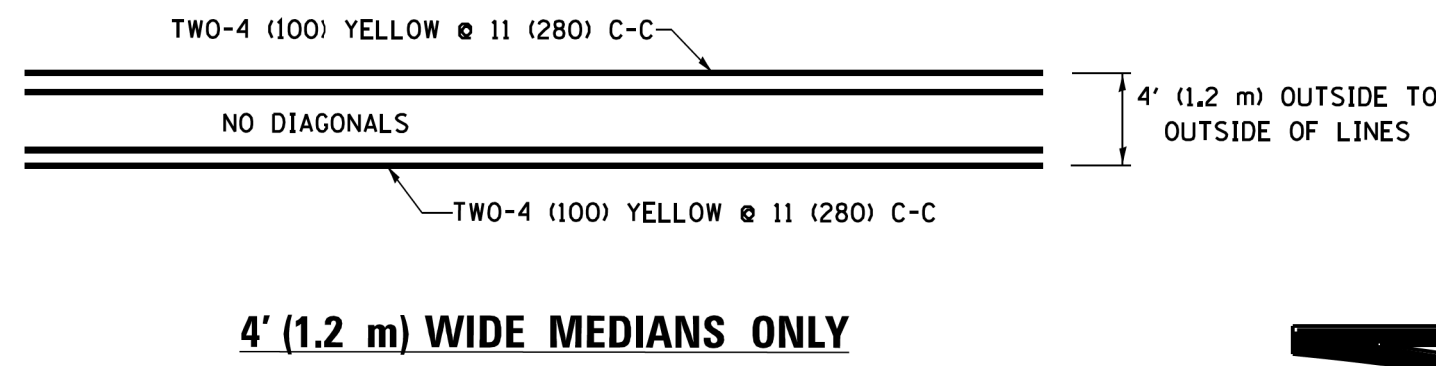
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

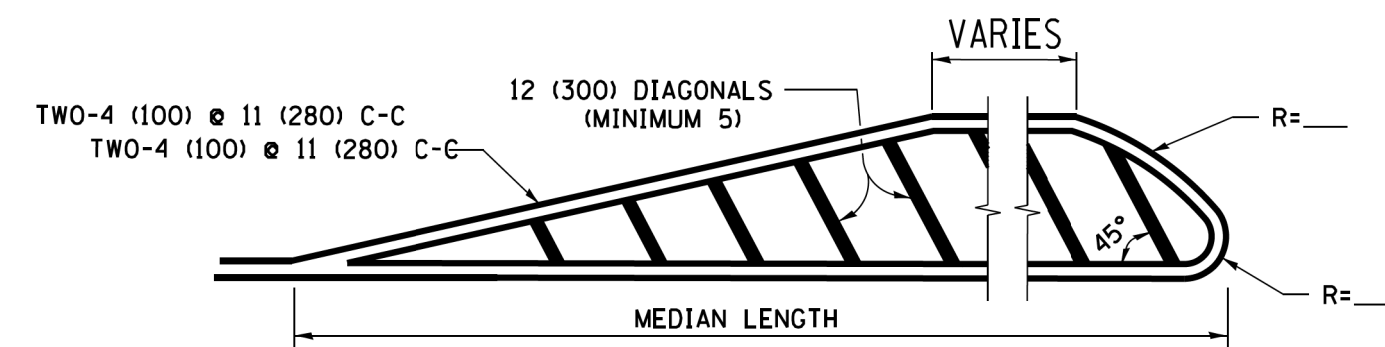


**DETAIL "A" TYPICAL CROSSWALK MARKING**

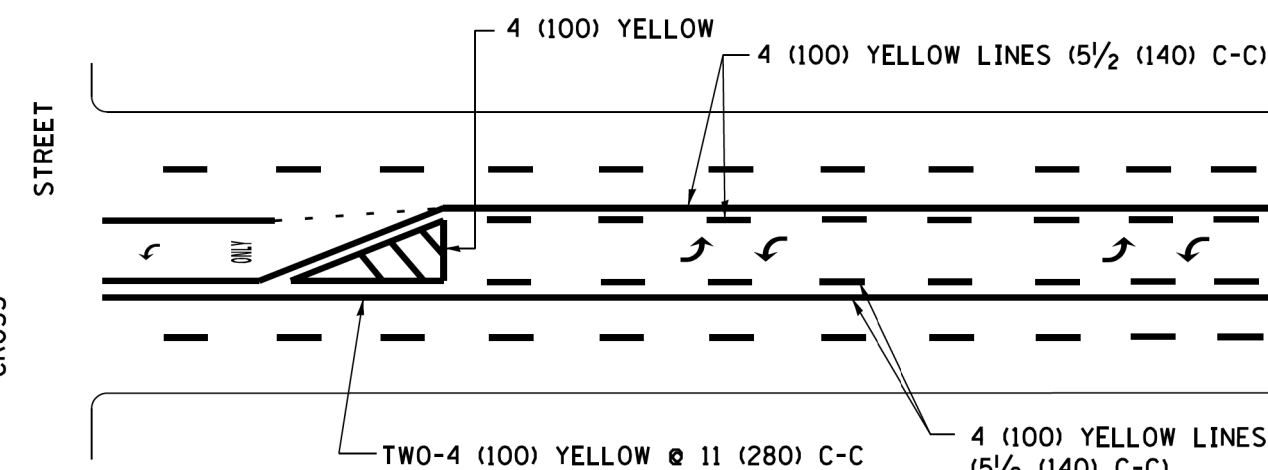
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



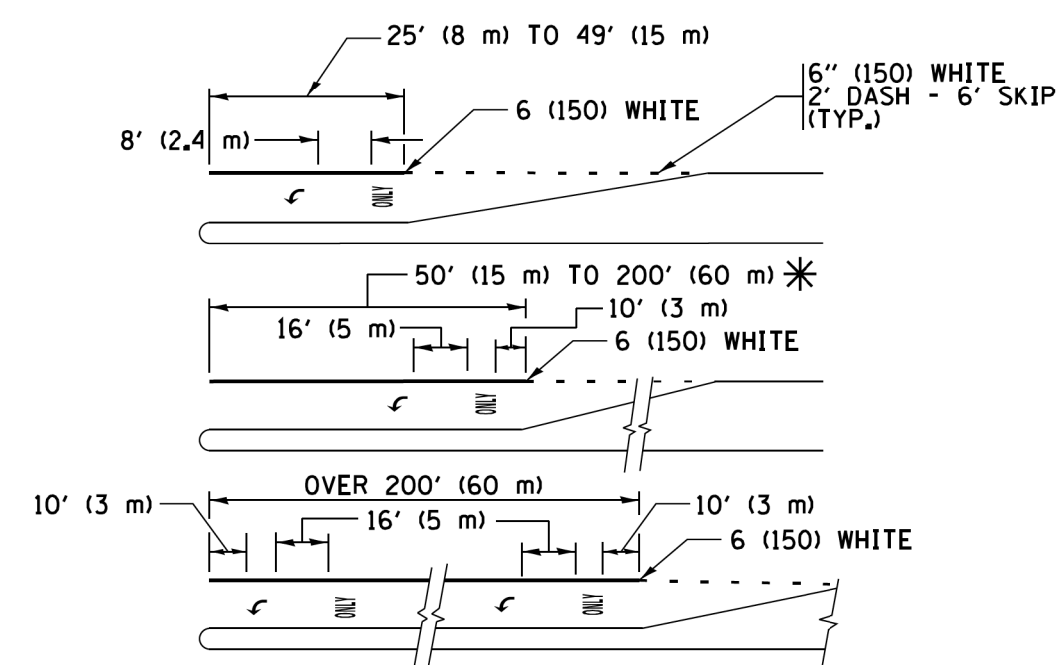
**4' (1.2 m) WIDE MEDIANS ONLY**



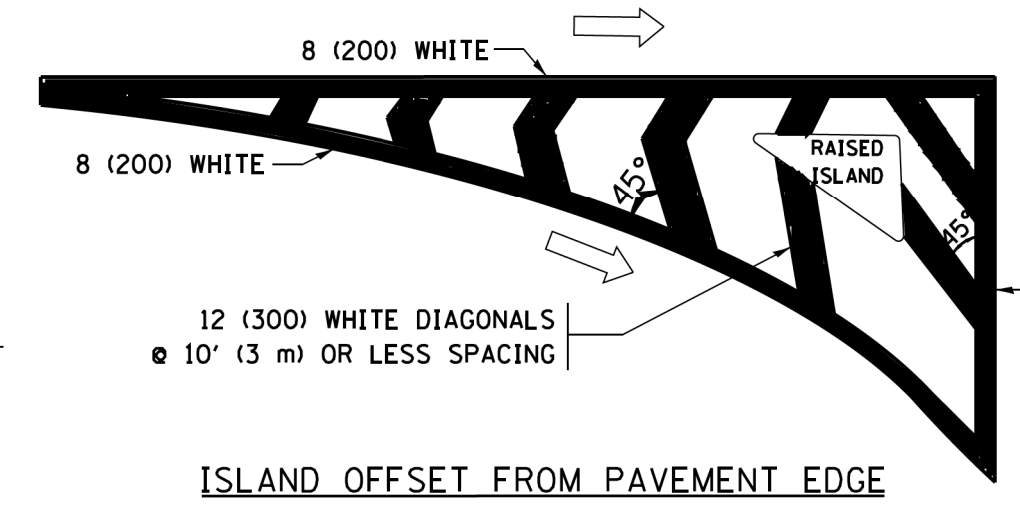
**MEDIANS OVER 4' (1.2 m) WIDE**



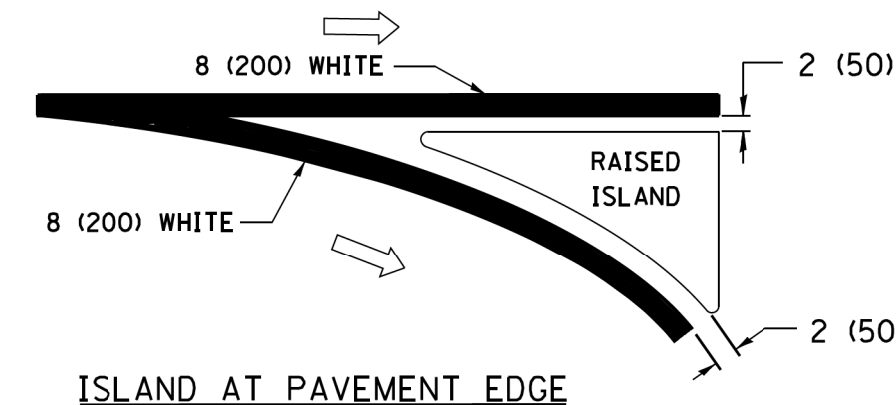
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



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

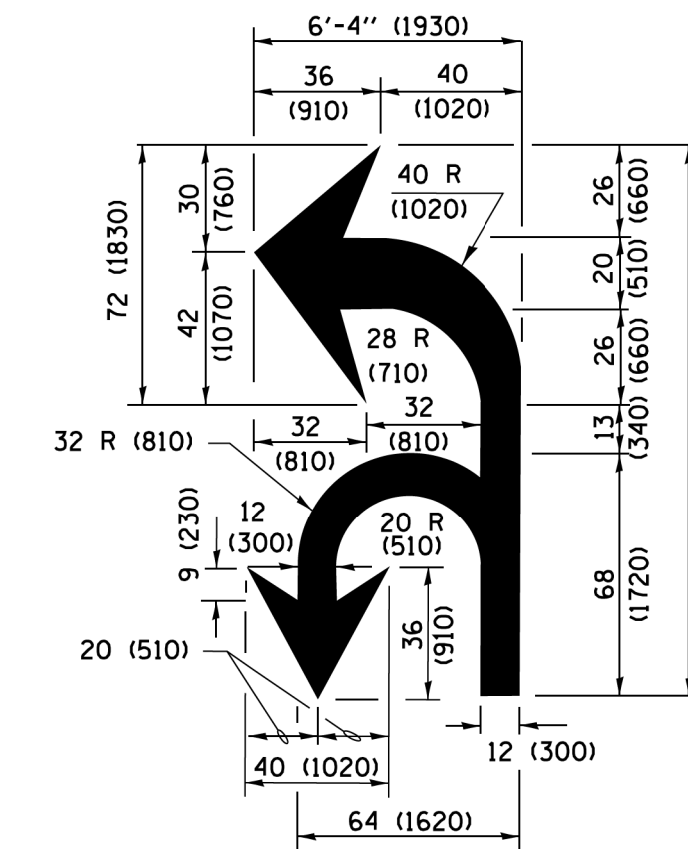


**ISLAND OFFSET FROM PAVEMENT EDGE**

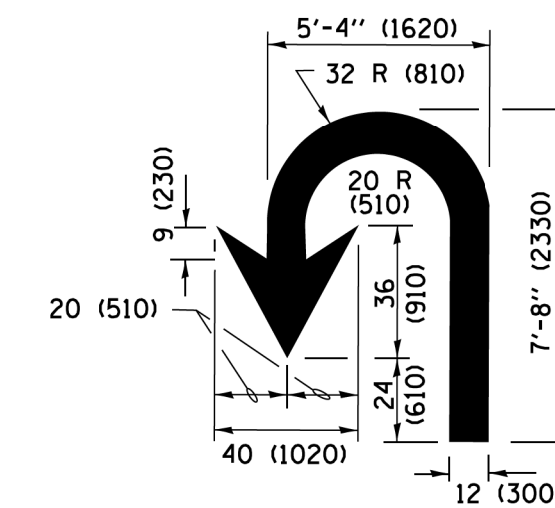


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

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

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

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 1/2 (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 1/2 (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; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

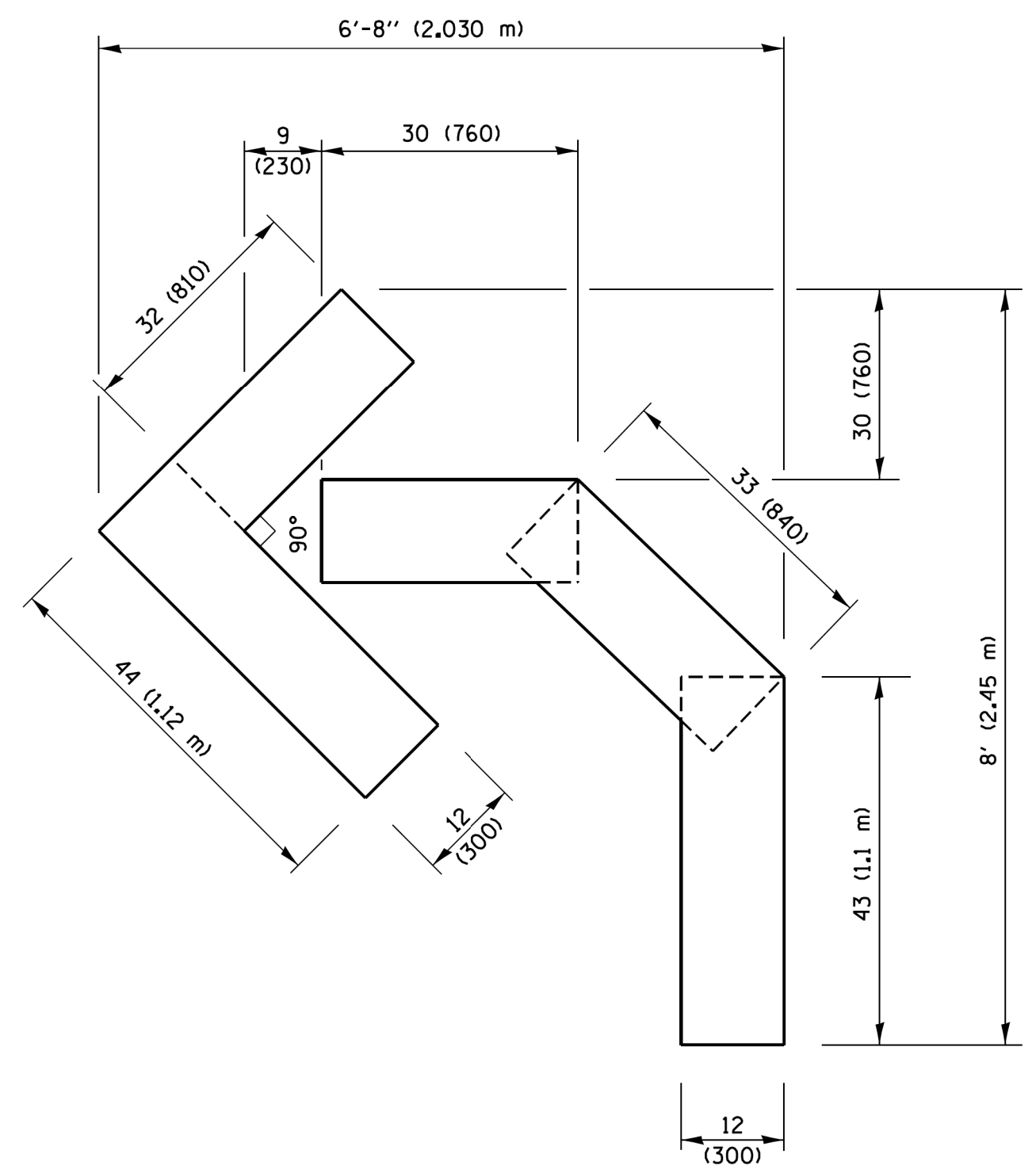
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**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

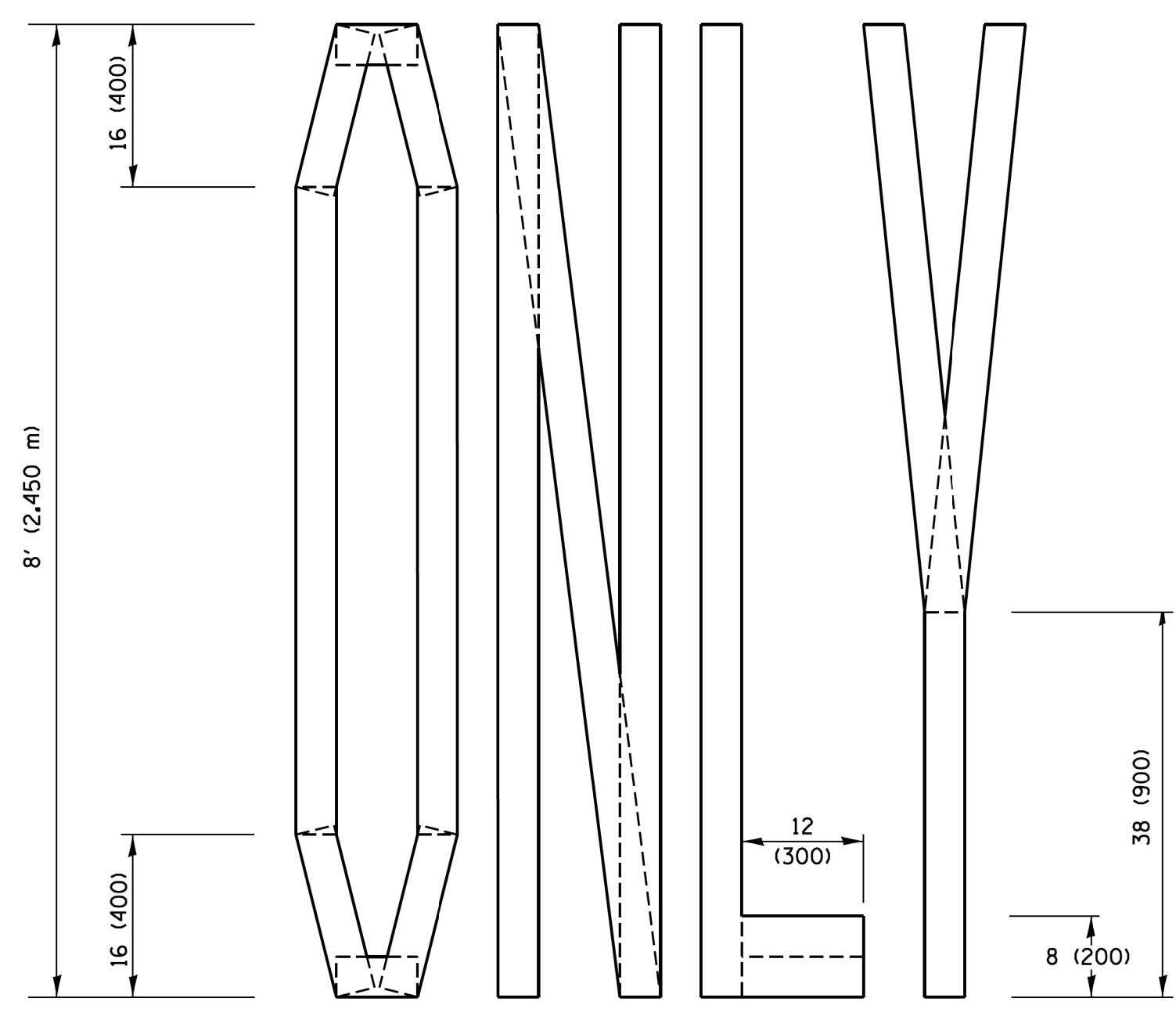
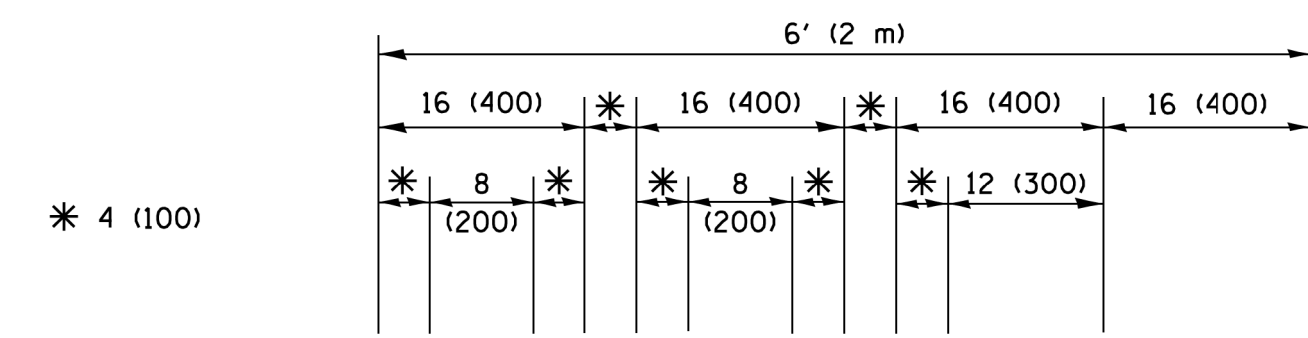
**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

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

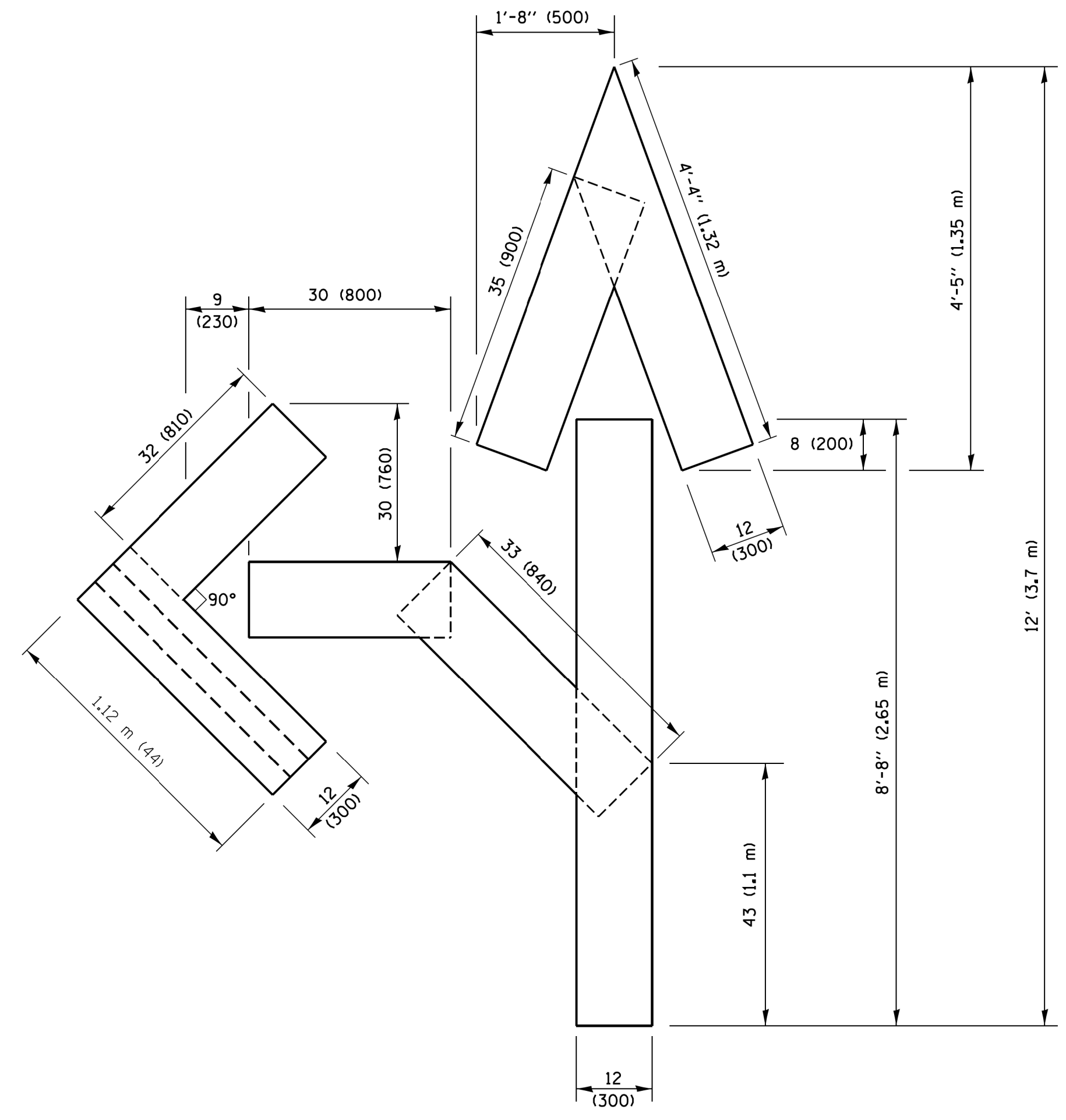
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<b>TC-13</b>		CONTRACT NO.	61E31	
ILLINOIS FED. AID PROJECT				



**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

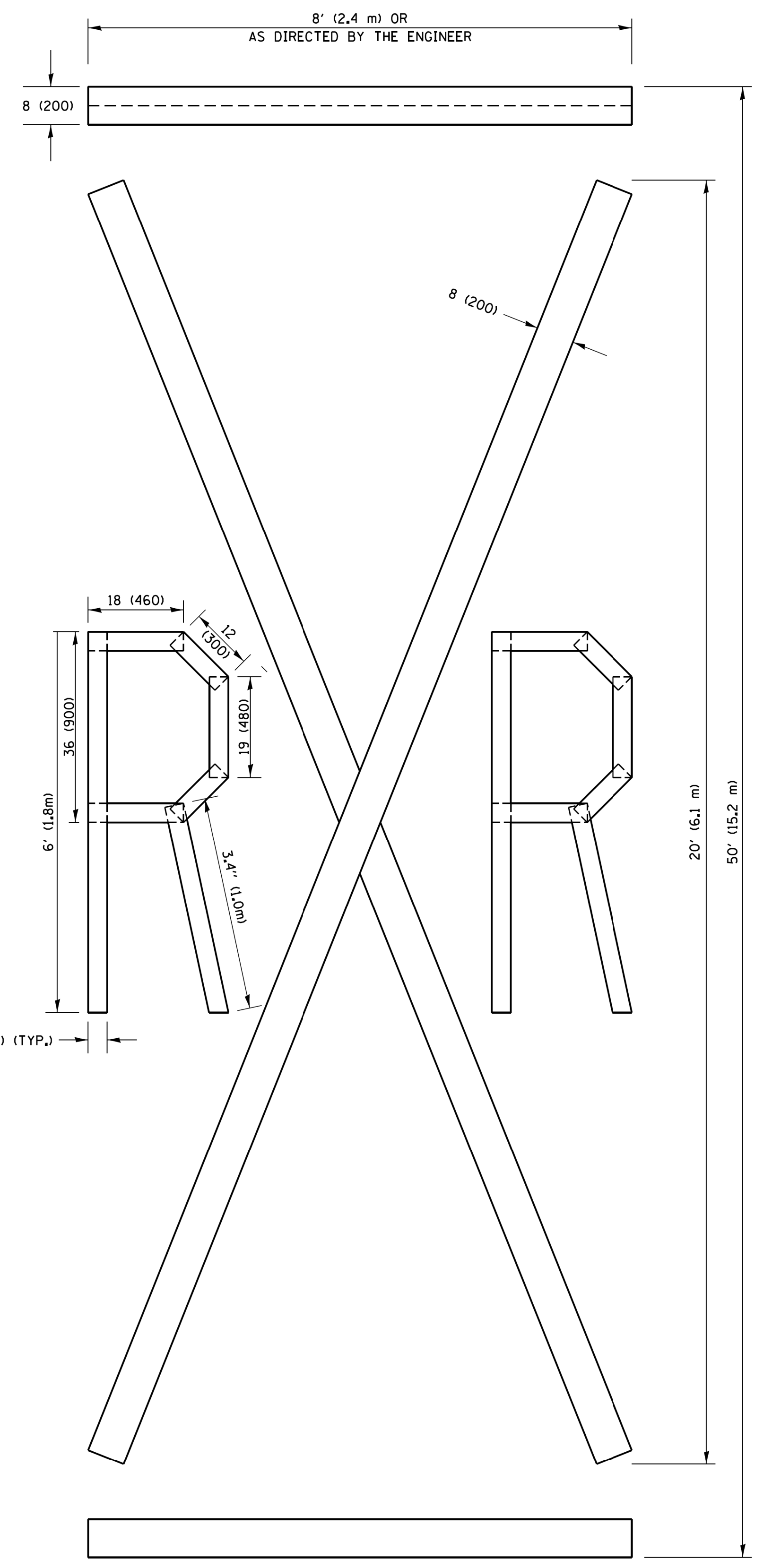


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

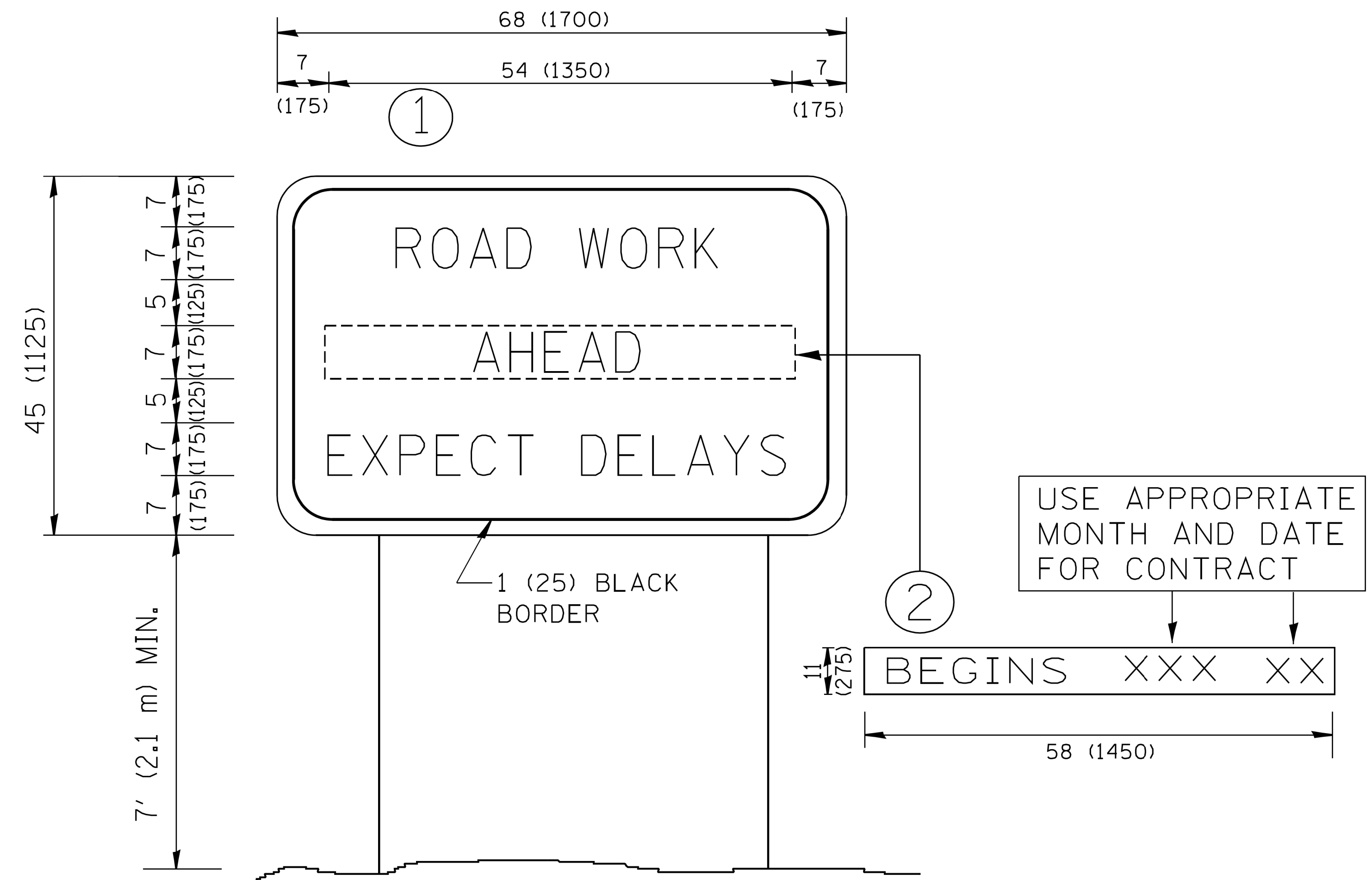
All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT SCALE = 50.0000 ' / in.	DATE - 09-18-94	REVISOR -	REVISED -E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISOR -	REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	38
<b>TC-16</b>		<b>CONTRACT NO.</b>	61E31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**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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		DRAWN -	REVISED - R. MIRS 12-11-97
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	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

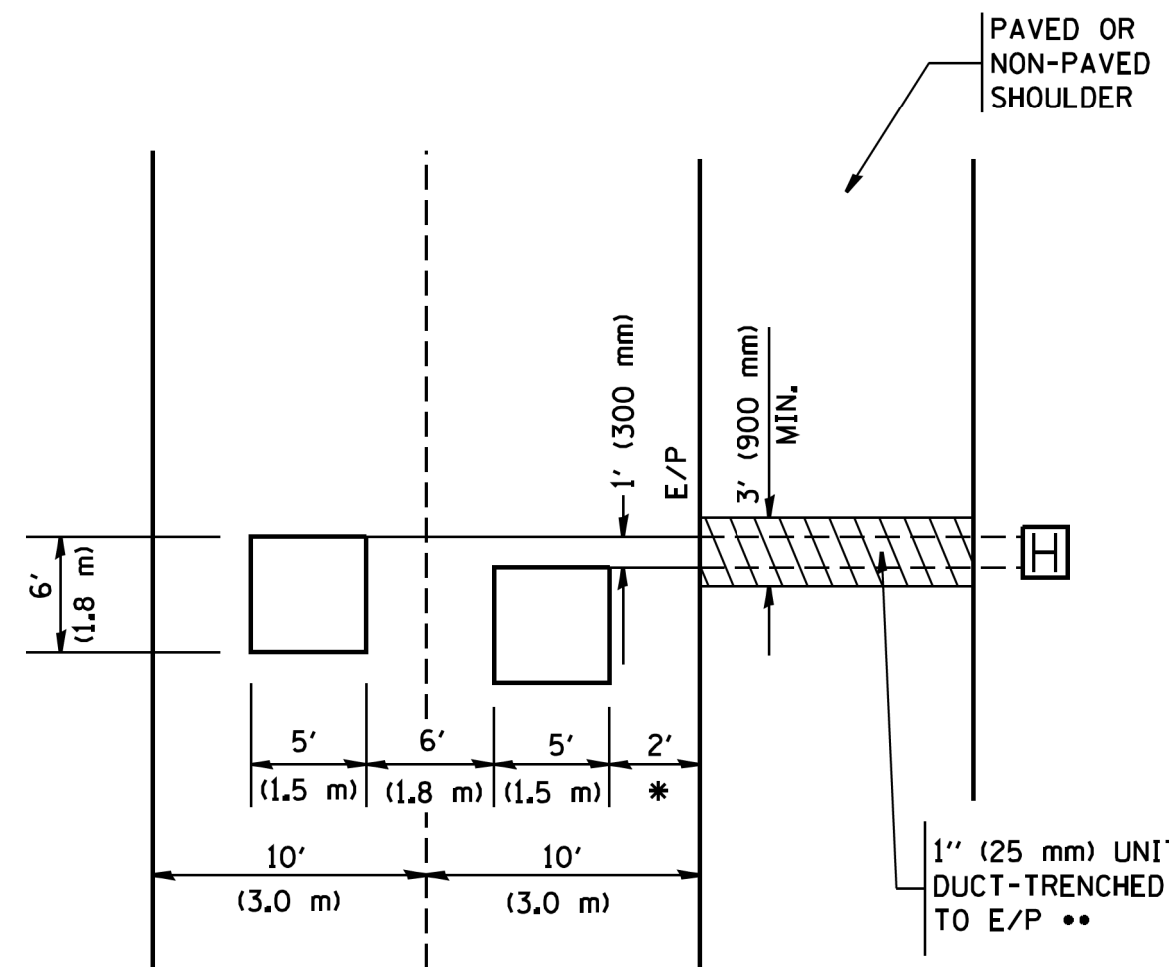
**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	39
TC-22		CONTRACT NO.	61E31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



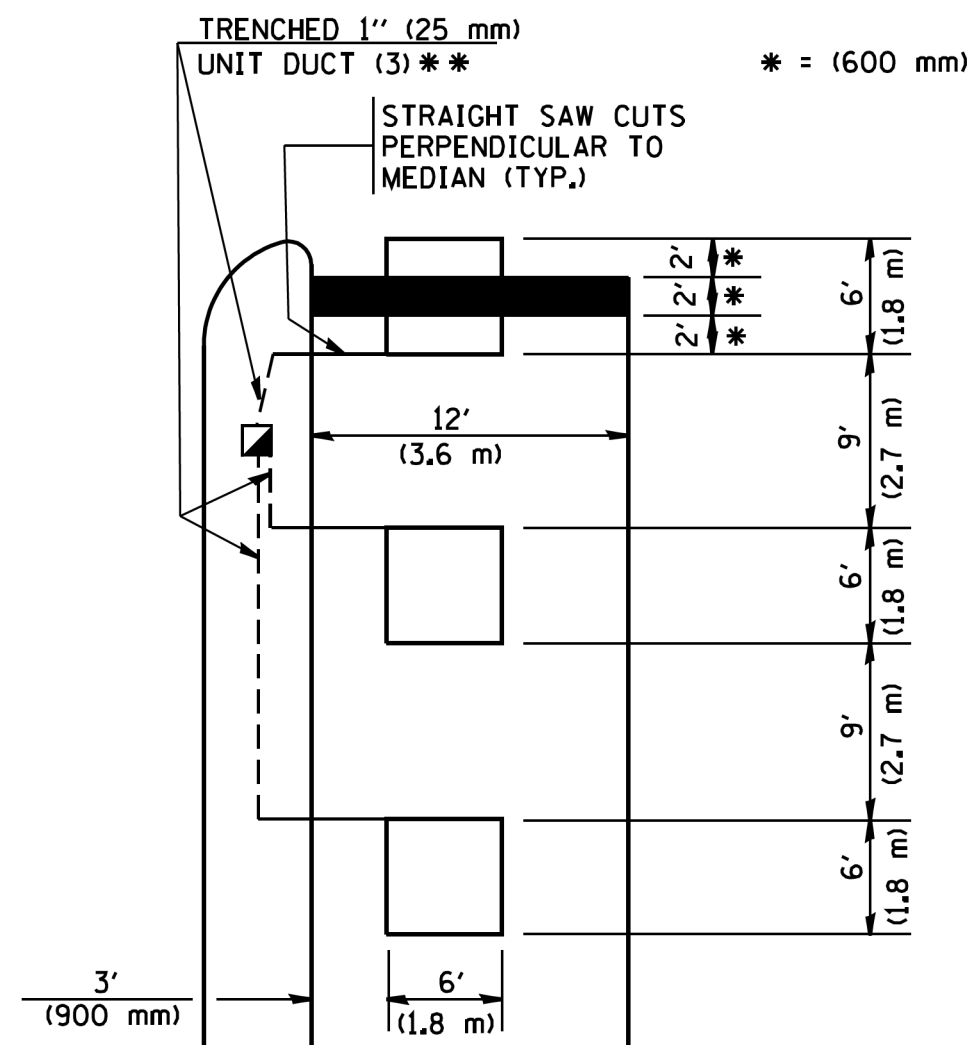
\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

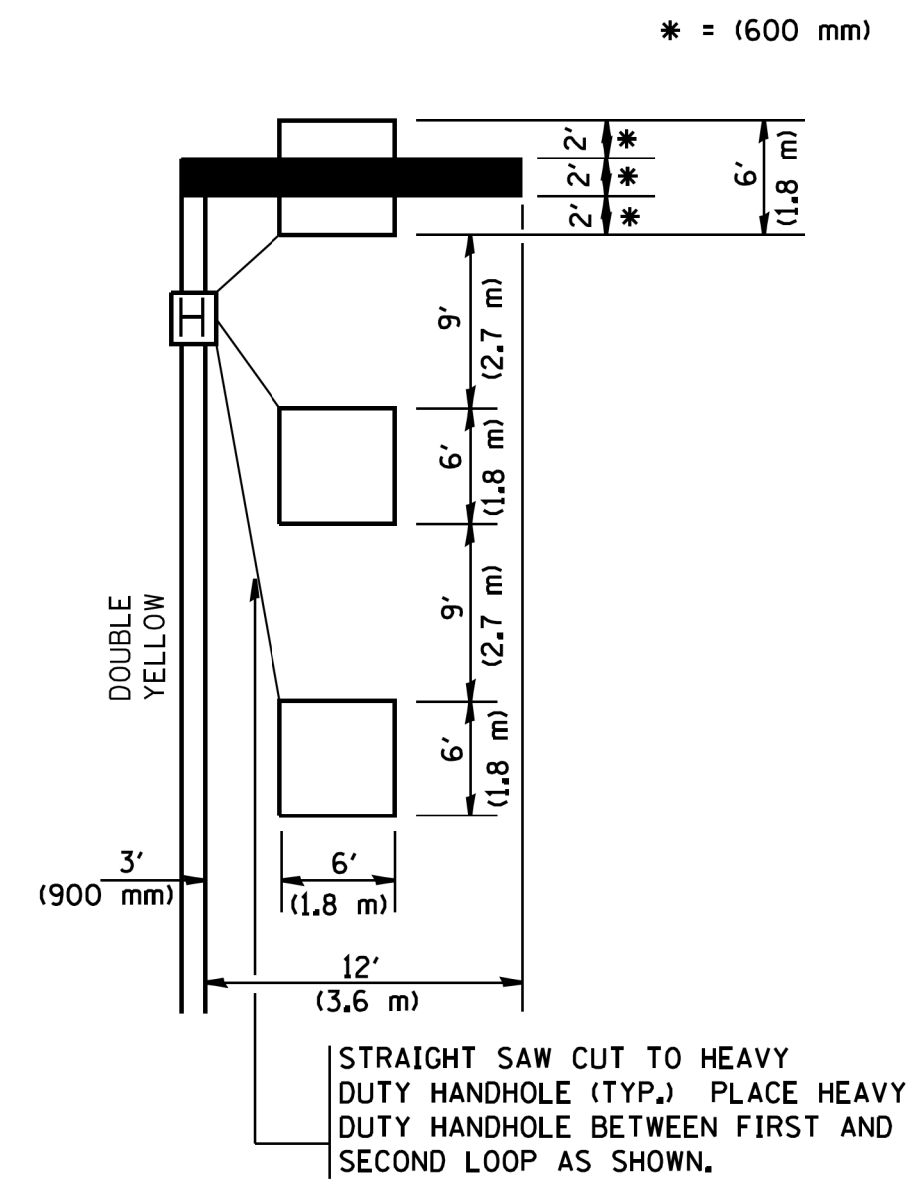


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

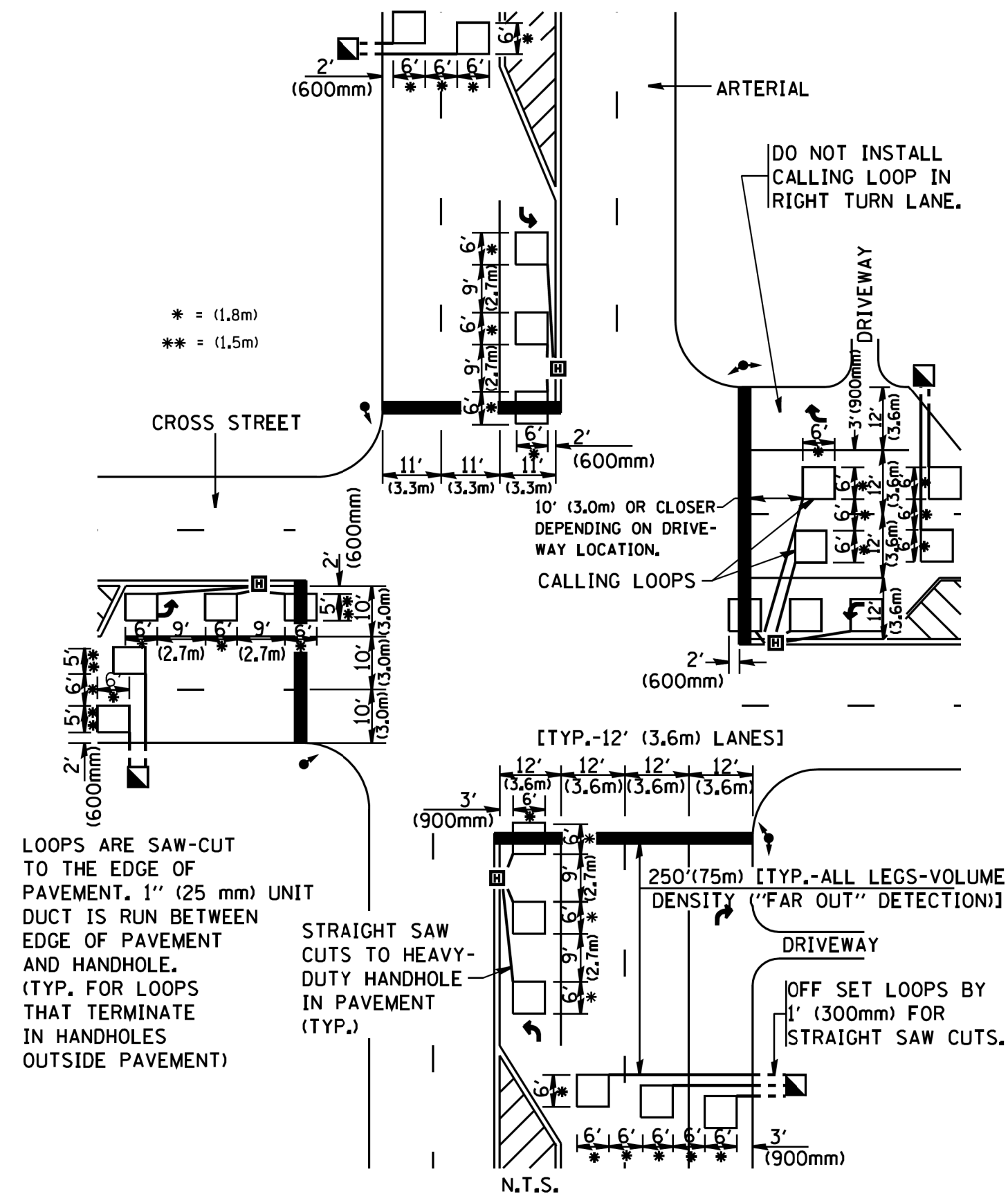
**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



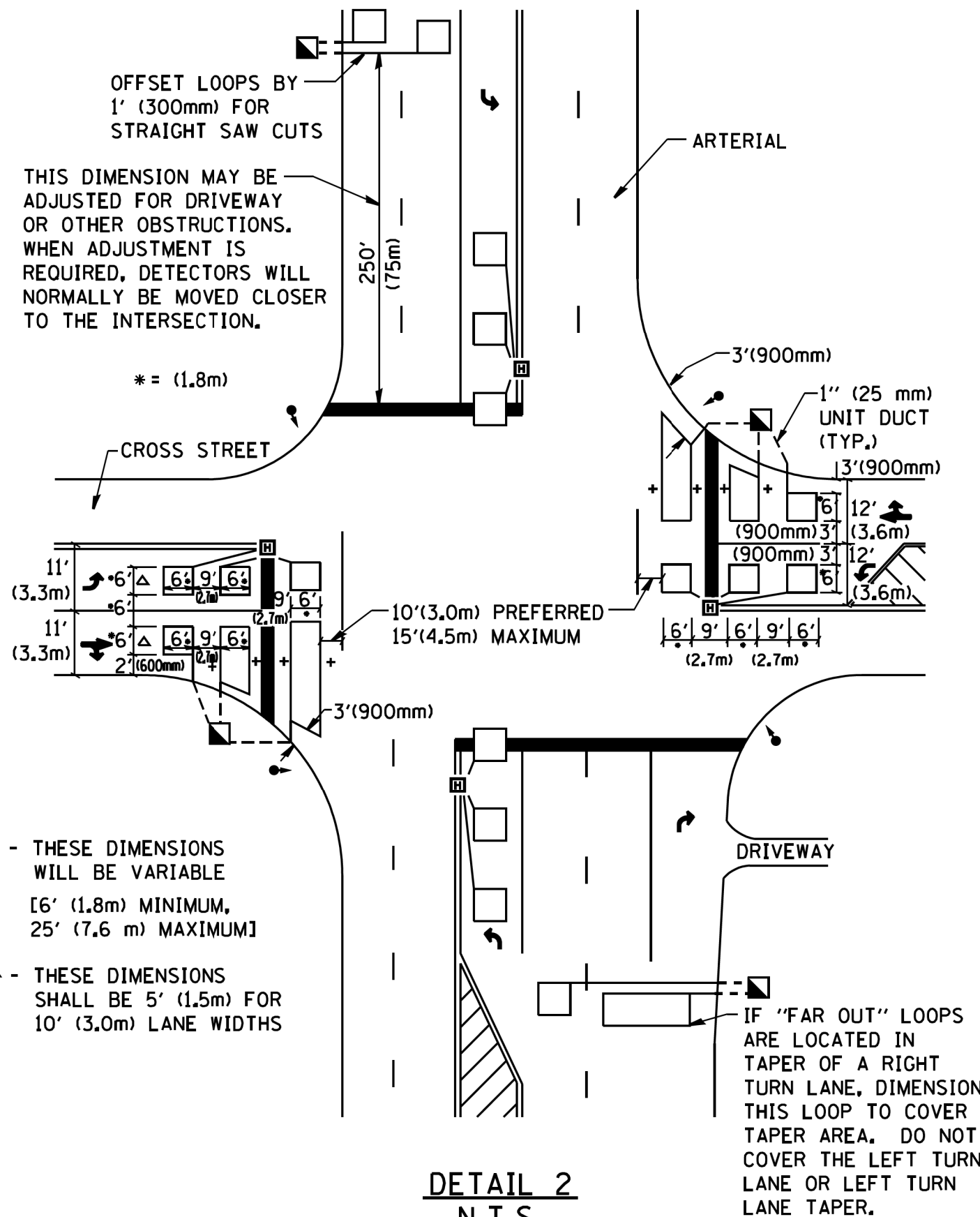
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1**  
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2**  
N.T.S.

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = W:\diststd\22x34\ts07.dgn

USER NAME = gaglanobt  
PLOT SCALE = 50.0000' / IN.  
PLOT DATE = 1/4/2008

DESIGNED -  
DRAWN -  
CHECKED - R.K.F.  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION  
DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3823	17-00190-00-RS	DUPAGE	40	40
<b>TS-07</b>		<b>CONTRACT NO.</b>	61E31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				