

02-28-14 LETTING ITEM 016

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

**KELVIN GROVE AREA SIDEWALKS (SRTS)  
VARIOUS STREETS  
SECTION: 12-00077-00-SW  
SIDEWALK CONSTRUCTION  
PROJECT: SRTS-4009 (170)  
CITY OF LOCKPORT  
WILL COUNTY  
C-91-469-12**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	1
ILLINOIS		CONTRACT #63898		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA:

ADT:

ALL STREETS = 500

POSTED SPEED LIMIT:

ALL STREETS=25 MPH

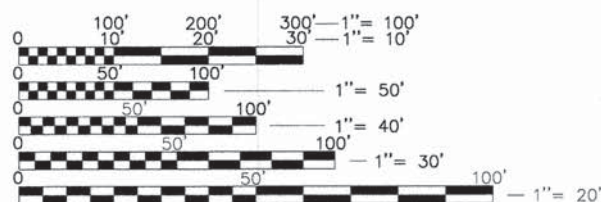
DESIGN DESIGNATION:

ALL STREETS=LOCAL ROAD



LOCATION OF SECTION INDICATED THIS: -

PROJECT LOCATED IN  
CITY OF LOCKPORT



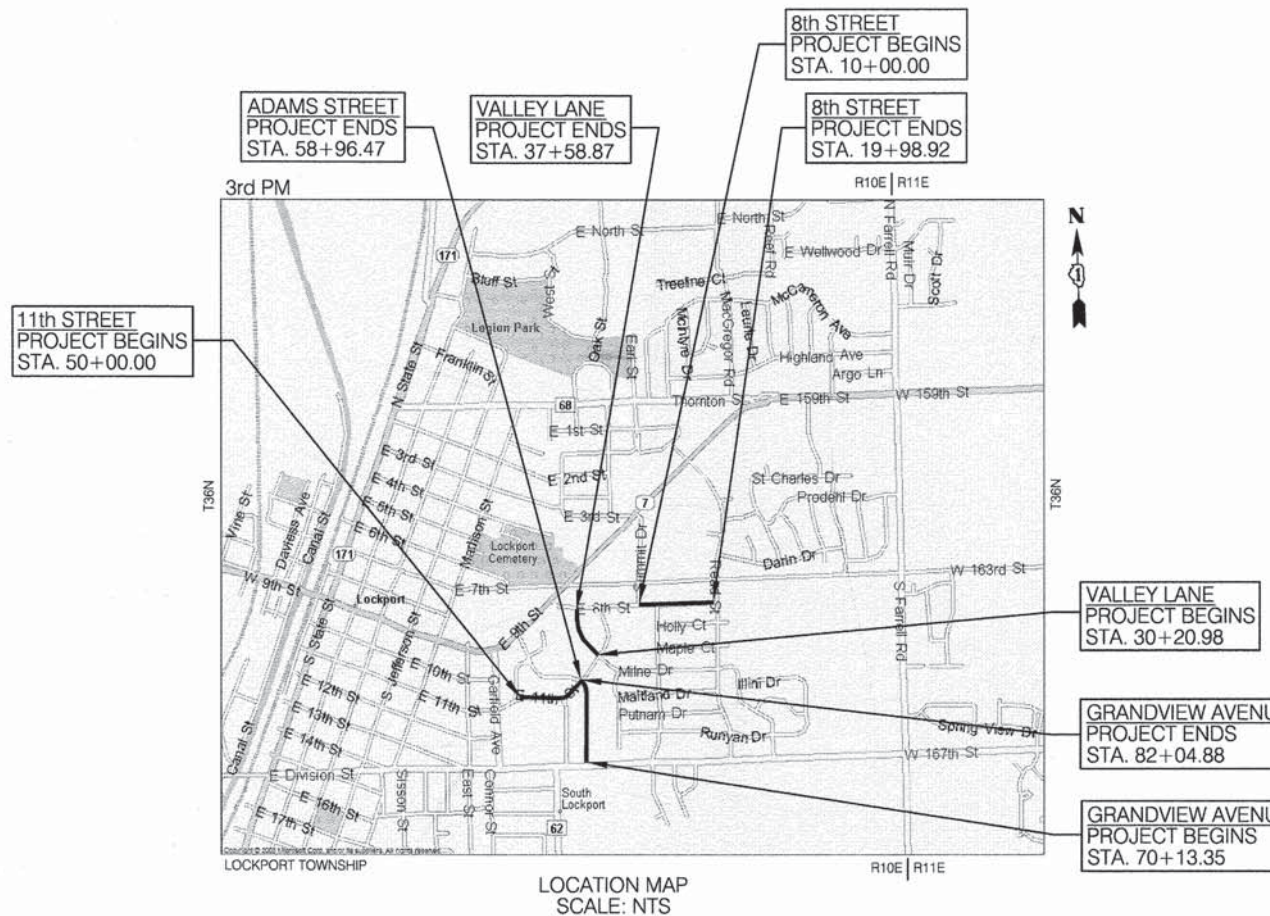
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PLANS PREPARED BY:

**JJB** JAMES J. BENES & ASSOCIATES  
CONSULTING ENGINEERS  
950 WARRENVILLE ROAD, SUITE 101  
LISLE, IL 60532  
(630) 719-7570

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

CONTRACT NO. 63898



GROSS & NET LENGTH OF PROJECT = 3,825 FT. (0.72 MILES)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: Dec 5 2013

*[Signature]*  
City of Lockport, Assistant City Engineer

PASSED: DECEMBER 10 2013

*[Signature]*  
District 1 Engineer of Local Roads & Streets

Releasing for Bid  
Based on Limited Review December 17 2013

*[Signature]*  
Deputy Director of Highways, Region 1 Engineer

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

JAMES J. BENES & ASSOCIATES, INC.

*[Signature]*  
SIGNATURE: *[Signature]*  
DATE: 12/4/13  
IL LICENSE NO. 062-060441  
EXP. DATE: NOVEMBER 30, 2015  
FIELD: JAMES J. BENES AND ASSOCIATES, INC.  
CIVIL ENGINEERING



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

CONSULTANT: JAMES J. BENES & ASSOCIATES, INC. (630) 719-7570

INDEX OF SHEETS	
SHEET NO.	TITLE
1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS AND BENCH MARKS
3	SUMMARY OF QUANTITIES
4	SCHEDULES OF QUANTITIES
5	TYPICAL SECTIONS
6-9	GEOMETRIC PLANS
10	CONSTRUCTION DETAILS
11-12	DISTRICT DETAILS
13-36	CROSS SECTIONS

BENCH MARKS	
BM#1:	CUT CROSS IN TOP OF CURB. CURB LOCATED ON NORTH SIDE OF 8th STREET AT ADDRESS #1024. ELEVATION = 661.28
BM#2:	S.W. FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED ON NORTHERLY SIDE OF VALLEY LANE AT LOT 214. ELEVATION = 651.43
BM#3:	S.E. FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED ON NORTH SIDE OF 11th STREET BETWEEN LOTS 69 AND 70. ELEVATION = 652.02
BM#4:	S.E. FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED AT THE SOUTHWEST CORNER OF GRANDVIEW AVENUE AND ADAMS STREET. ELEVATION = 638.87

COMMITMENTS: NONE

GENERAL NOTES

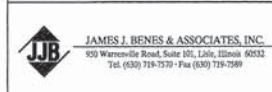
- ACCESS TO LOCAL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE THE MUNICIPALITY THREE (3) WORKING DAYS NOTICE PRIOR TO THE COMMENCEMENT OF WORK. (CITY OF LOCKPORT: (815) 838-0549)
- ALL ELEVATIONS ARE ON U.S.G.S. DATUM.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE ENGINEER OR THE OWNER, SHALL NOT ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTOR'S SUPERINTENDENT OR OF SUBCONTRACTORS. ADDITIONALLY, THE ENGINEER OR OWNER, SHALL NOT ADVISE ON, OR ISSUE DIRECTIONS CONCERNING, ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH THE WORK.
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY ENCOUNTERED DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE IN ALL PHASES OF CONSTRUCTION TO PROTECT ANY UTILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH ARTICLES 105.07, 107.20, AND 107.31.
- THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA FREE OF DEBRIS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE SITE DAILY FOR DEBRIS ON THE ROADWAY SURFACE IN ACCORDANCE WITH ARTICLE 107.15. THE RIGHT-OF-WAY SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH ARTICLE 107.20.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION AND SHALL REPAIR ANY DRAINAGE FACILITIES DAMAGED DURING CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY.
- THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF EXISTING STORM SEWERS PRIOR TO THE CONSTRUCTION OF PROPOSED STORM SEWER.
- THE RELOCATION OF SIGNS ARE INCLUDED IN THE COST OF THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 107.25.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, SEWERS AND WATER UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES AND THE CITY OF LOCKPORT.
- SAW CUTTING OF PAVEMENT, SHOULDERS, CURB AND GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE MADE BY THE CONTRACTOR TO THE IRRIGATION SYSTEMS AND IT SHALL BE REPAIRED IN ACCORDANCE WITH ARTICLE 107.20. THE CONTRACTOR WILL DETERMINE THE LOCATIONS OF DAMAGE AND EXTENT OF DAMAGE. ALL LOCATIONS OF REPAIR WORK AND EXTENT OF REPAIR SHALL BE APPROVED BY THE ENGINEER PRIOR TO PERFORMING THE WORK. THE SPRINKLER LINES SHALL BE PRESSURE TESTED. ANY PRESSURE LEAKS SHALL BE IDENTIFIED AND REPAIRS MADE PRIOR TO RETESTING THE SYSTEM FOR APPROVAL. ALL MATERIAL, LABOR AND EQUIPMENT USED TO LOCATE, REPAIR AND TEST THE DAMAGED IRRIGATION SYSTEMS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE CONTROLLING ITEM BEING WORKED ON AT THE TIME OF DAMAGE.
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALKS OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES

LIST OF DISTRICT ONE DETAILS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS



USER NAME =	DESIGNED -- JDS	REVISED --
PLOT SCALE =	DRAWN -- SMP	REVISED --
PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS AND BENCH MARKS  
VARIOUS ROUTES

SCALE: NONE SHEET NO. 2 OF 36 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WLL	36	2
				CONTRACT NO. 63898
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY IMPROVEMENTS	
				100% FED	0% LOCAL
				0021	
* 20101200	TREE ROOT PRUNING	EACH	61	61	
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	723	723	
28000400	PERIMETER EROSION BARRIER	FOOT	164	164	
28000510	INLET FILTERS	EACH	14	14	
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	210	210	
42001300	PROTECTIVE COAT	SQ YD	2,707	2,707	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	539	539	
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	19,045	19,045	
* 42400800	DETECTABLE WARNINGS	SQ FT	96	96	
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,101	1,101	
44000300	CURB REMOVAL	FOOT	128	128	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	167	167	
44000600	SIDEWALK REMOVAL	SQ FT	1,036	1,036	
Δ* 44201670	CLASS D PATCHES, TYPE I, 2 INCH	SQ YD	11	11	
Δ* 44201672	CLASS D PATCHES, TYPE II, 2 INCH	SQ YD	27	27	
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	5	
60600605	CONCRETE CURB, TYPE B	FOOT	128	128	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	167	167	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	501	501	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	207	207	
* X2520700	SODDING, SPECIAL	SQ YD	4,530	4,530	
Δ* Z0004514	HOT MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	435	435	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0017400	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	EACH	1	1	

LEGEND  
Δ - DENOTES SPECIALTY ITEM  
\* - INDICATES SPECIAL PROVISION

TREE ROOT PRUNING		
STATION	OFFSET (FOOT)	QUANTITY (EACH)
<b>8TH STREET</b>		
11+07	7 RT	1
11+29	8 RT	1
11+70	7 RT	1
12+09	7 RT	1
13+21	7 RT	1
13+79	7 RT	1
13+95	20 RT	1
14+17	7 RT	1
14+73	5 RT	1
14+98	6 RT	1
16+18	6 RT	1
16+59	6 RT	1
17+03	6 RT	1
17+43	7 RT	1
17+80	6 RT	1
18+19	7 RT	1
18+55	7 RT	1
<b>VALLEY LANE</b>		
30+82	8 LT	1
32+28	8 LT	1
33+52	7 LT	1
35+50	17 LT	1
<b>11TH STREET / ADAMS STREET</b>		
50+71	12 LT	1
51+27	13 LT	1
51+71	10 LT	1
52+25	10 LT	1
52+55	12 LT	1
53+54	13 LT	1
53+99	12 LT	1
54+22	11 LT	1
54+57	26 LT	1
54+60	9 LT	1
55+21	18 LT	1
55+42	20 LT	1
55+83	33 LT	1
56+94	17 LT	1
57+75	30 LT	1
<b>GRANDVIEW AVENUE</b>		
70+82	8 RT	1
71+10	8 RT	1
71+62	8 RT	1
72+05	8 RT	1
72+46	7 RT	1
73+05	7 RT	1
73+26	7 RT	1
73+47	7 RT	1
74+09	7 RT	1
74+50	8 RT	1
74+84	8 RT	1
75+18	7 RT	1
75+50	7 RT	1
76+26	7 RT	1
76+55	7 RT	1
77+14	20 RT	1
77+78	8 RT	1
78+17	8 RT	1
78+51	7 RT	1
79+43	8 RT	1
79+83	8 RT	1
80+22	8 RT	1
80+64	6 RT	1
80+99	16 RT	1
81+18	19 RT	1
<b>TOTAL QUANTITY =</b>		<b>61</b>

INLET FILTERS		
STATION	OFFSET (FEET)	QUANTITY (EACH)
<b>8TH STREET</b>		
10+34	1 RT	1
11+81	1 LT	1
13+91	1 LT	1
15+34	1 LT	1
19+52	8 RT	1
19+85	9 RT	1
<b>VALLEY LANE</b>		
30+79	35 RT	1
38+28	0	1
<b>11TH STREET / ADAMS STREET</b>		
55+82	3 LT	1
56+56	16 LT	1
56+90	8 LT	1
57+18	24 RT	1
<b>GRANDVIEW AVENUE</b>		
82+08	30 LT	1
82+13	7 RT	1
<b>TOTAL QUANTITY =</b>		<b>14</b>

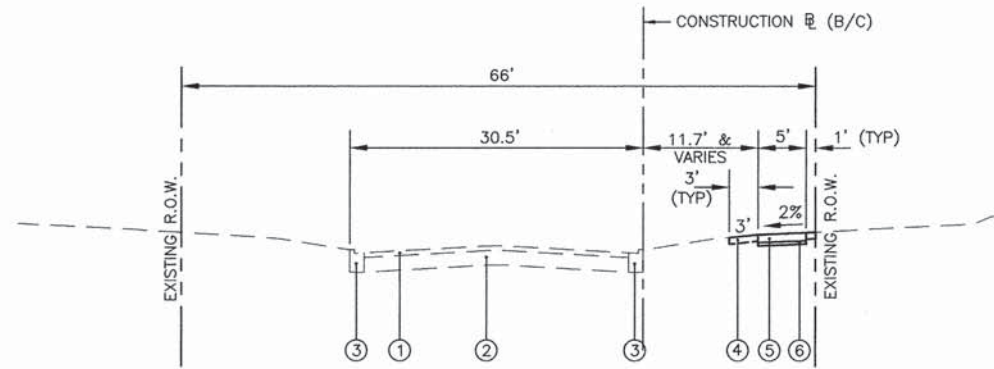
PERIMETER EROSION BARRIER		
LOCATION	OFFSET (FEET)	QUANTITY (EACH)
<b>VALLEY LANE</b>		
30+80 TO 32+06	17 LT	126
35+85 TO 36+23	17 LT	38
<b>TOTAL QUANTITY =</b>		<b>164</b>

DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
<b>8TH STREET</b>		
19+85	9 RT	1
<b>TOTAL QUANTITY =</b>		<b>1</b>

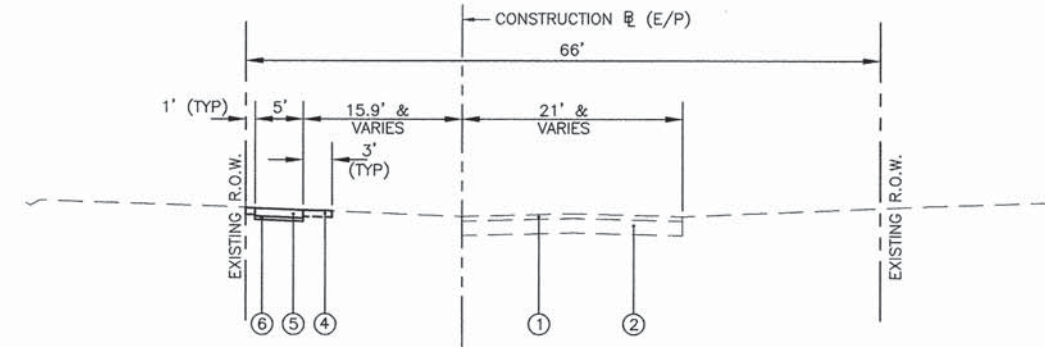
EARTHWORK	
LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MAT.* (CU YD)
<b>8TH STREET</b>	
SUMMIT DRIVE TO READ STREET	159
<b>VALLEY LANE</b>	
ADAMS STREET TO 8TH STREET	161
<b>11TH STREET / ADAMS STREET</b>	
McKINLEY STREET TO GRANDVIEW AVENUE	172
<b>GRANDVIEW AVENUE</b>	
DIVISION STREET TO ADAMS STREET	231
<b>TOTAL QUANTITY =</b>	<b>723</b>

\* ALL CUT MATERIAL SHALL BE HAULED OFF SITE DUE TO NO ONSITE STORAGE LOCATIONS.

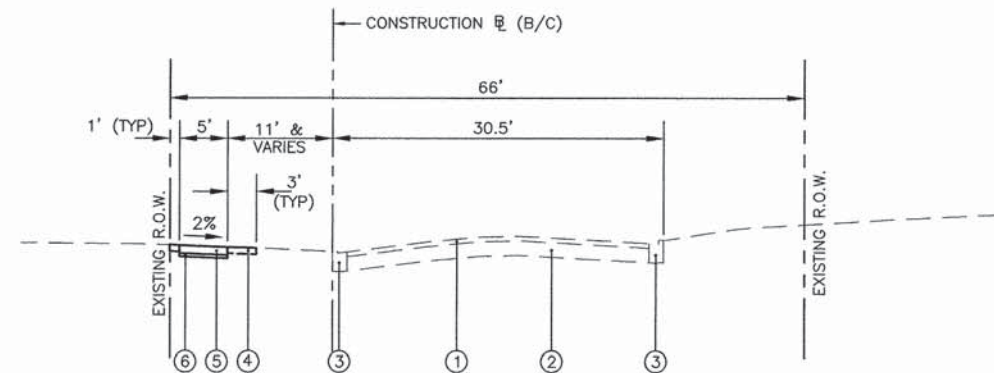
DRIVEWAY QUANTITY SCHEDULE					
STATION	OFFSET	EXISTING PAVEMENT	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	HMA DRIVEWAY PVMT 4 INCH (SQ YD)	PCC DRIVEWAY PVMT 6 INCH (SQ YD)
<b>8TH STREET</b>					
11+83	RT	PCC	32		24
12+95	RT	PCC	30		23
13+68	RT	PCC	25		19
14+37	RT	PCC	36		26
14+54	RT	PCC	24		18
15+19	RT	PCC	28		21
15+88	RT	PCC	27		20
17+24	RT	PCC	40		30
18+02	RT	PCC	25		19
19+11	RT	PCC	36		27
<b>VALLEY LANE</b>					
32+12	LT	HMA	21	15	
32+73	LT	PCC	21		15
33+38	LT	PCC	40		29
33+98	LT	PCC	21		15
34+08	LT	HMA	21	15	
34+77	LT	PCC	36		26
35+74	LT	HMA	18	8	
36+34	LT	PCC	35		24
36+92	LT	HMA	11	5	
37+42	LT	PCC	41		28
<b>11TH STREET / ADAMS STREET</b>					
50+87	LT	HMA	39	24	
51+55	LT	HMA	13	7	
52+16	LT	HMA	10	4	
53+23	LT	HMA	10	4	
53+78	LT	HMA	10	4	
54+42	LT	HMA	14	5	
54+99	LT	HMA	17	6	
55+66	LT	HMA	18	8	
57+21	LT	HMA	23	10	
<b>GRANDVIEW AVENUE</b>					
71+29	RT	PCC	38		27
71+48	RT	PCC	26		20
72+57	RT	PCC	23		17
72+73	RT	PCC	35		26
73+36	RT	PCC	23		18
73+93	RT	PCC	60		44
76+47	RT	HMA	14	5	
77+00	RT	HMA	16	6	
78+00	RT	HMA	40	29	
78+99	RT	HMA	40	264	
79+62	RT	HMA	17	9	
80+32	RT	HMA	13	7	
80+84	RT	PCC	36		25
<b>TOTAL QUANTITY =</b>			<b>1101</b>	<b>435</b>	<b>539</b>



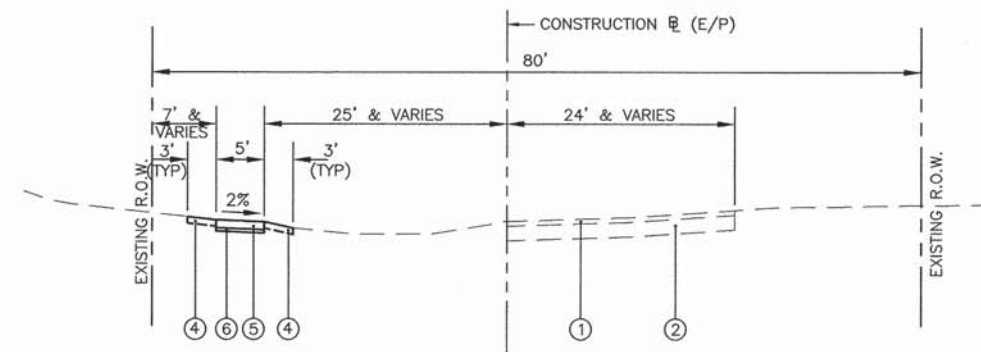
**PROPOSED TYPICAL SECTION-8TH STREET**  
 STA. 10+00.00 (SUMMIT DRIVE) TO STA. 19+98.92 (READ STREET)  
 (SECTION LOOKING EAST)



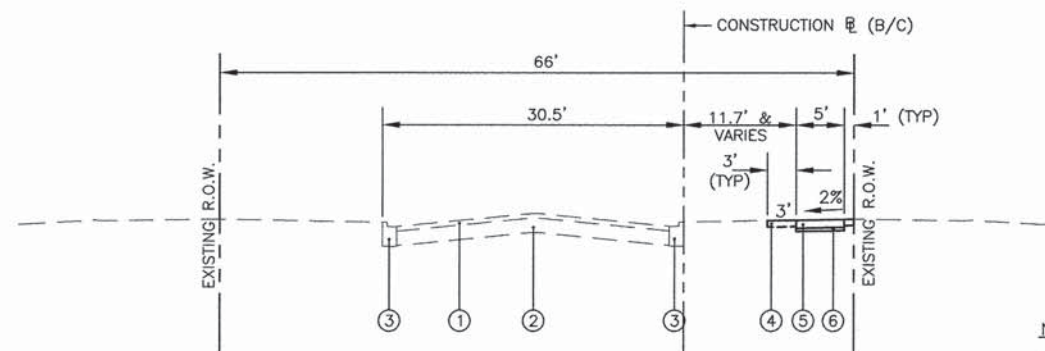
**PROPOSED TYPICAL SECTION-11TH STREET/ADAMS STREET**  
 STA. 50+00.00 (McKINLEY STREET) TO STA. 55+94.00 (CLEVELAND STREET)  
 (SECTION LOOKING EAST)



**PROPOSED TYPICAL SECTION-VALLEY LANE**  
 STA. 30+20.98 (ADAMS STREET) TO STA. 37+58.57 (8TH STREET)  
 (SECTION LOOKING NORTH)



**PROPOSED TYPICAL SECTION-11TH STREET/ADAMS STREET**  
 STA. 55+94.00 (CLEVELAND STREET) TO STA. 58+96.47 (GRANDVIEW AVENUE)  
 (SECTION LOOKING NORTHEAST)



**PROPOSED TYPICAL SECTION-GRANDVIEW AVENUE**  
 STA. 70+13.35 (DIVISION STREET) TO STA. 82+04.88 (ADAMS STREET)  
 (SECTION LOOKING NORTH)

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @Ndes
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT BASE COURSE, 2" (HMA BINDER IL-19mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 2" (IL-9.5m)	4% @ 50 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES, 2" (HMA SURFACE IL-9.5mm)	4% @ 70 Gyr.

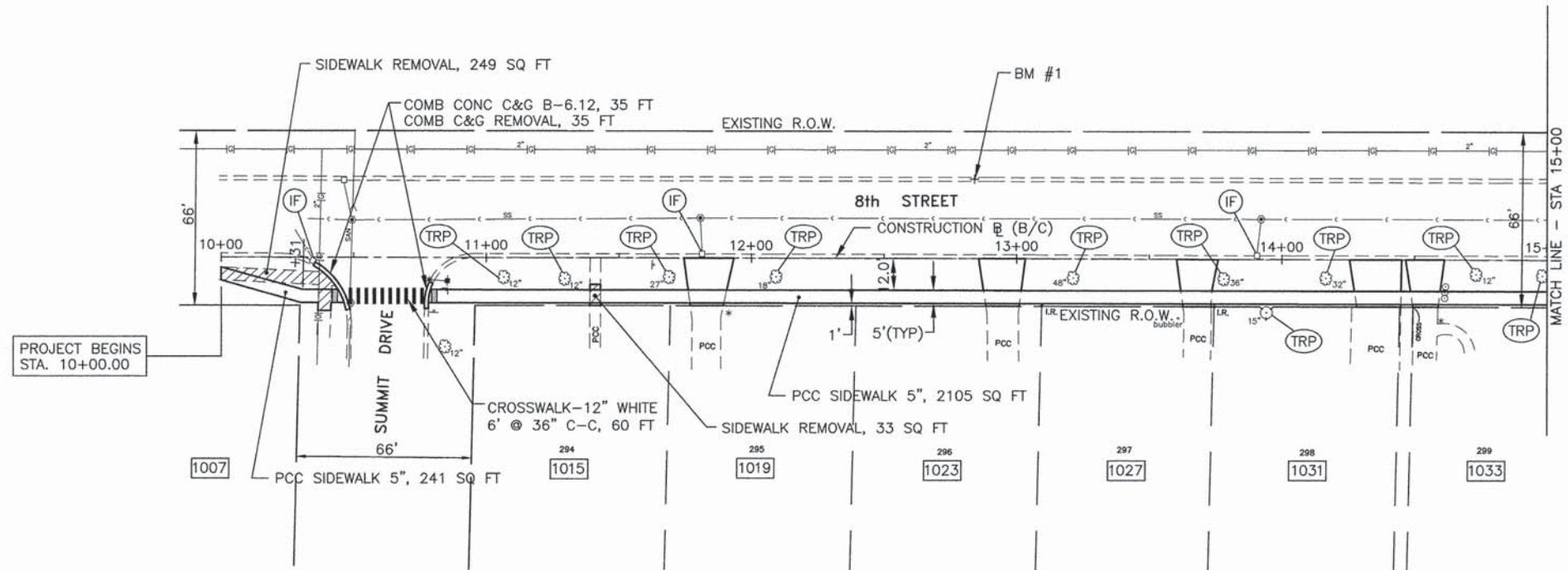
**NOTES:**

- 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA QUANTITIES IS 112 LB/SY/IN.
- 2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

**LEGEND**

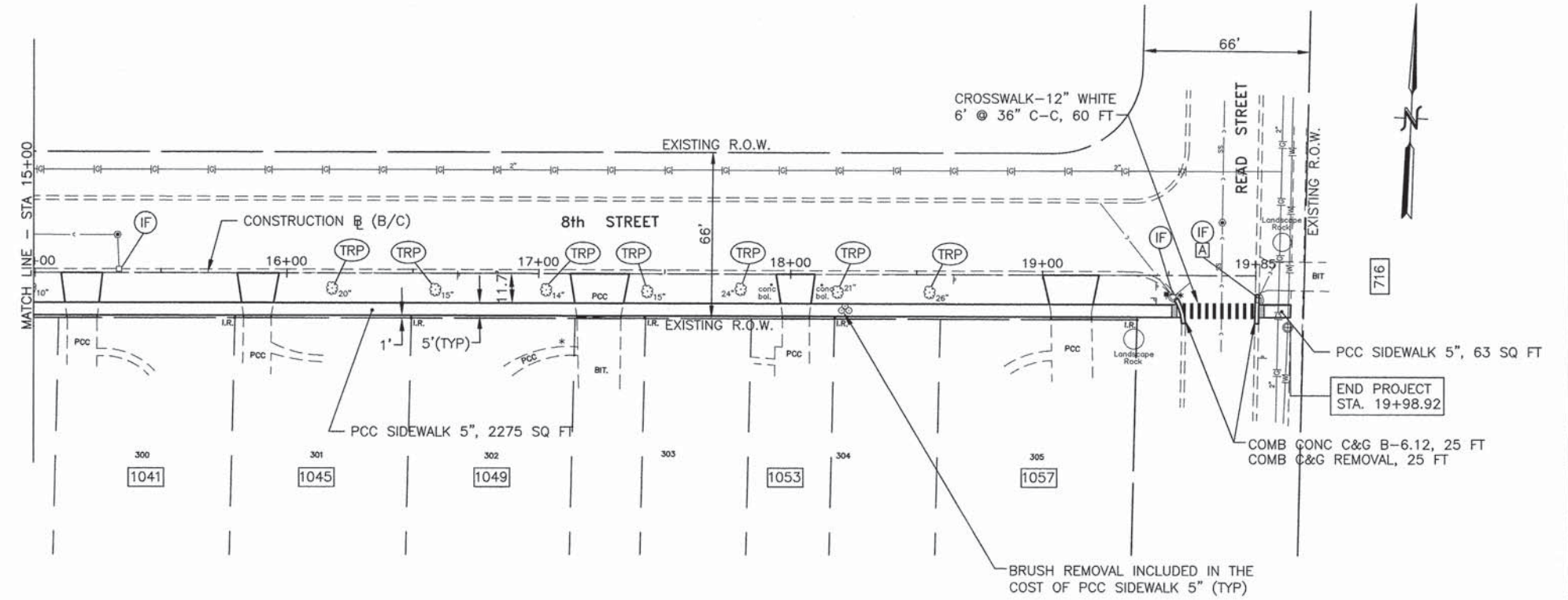
- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES
- ② EXISTING HOT-MIX PAVEMENT, THICKNESS VARIES
- ③ EXISTING CURB AND GUTTER
- ④ SODDING, SPECIAL (INCLUDES 4" PULVERIZED TOP SOIL AND FERTILIZER) (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5" (AT ENTRANCES, THE SIDEWALK SHALL BE INCREASED TO THE THICKNESS OF THE DRIVEWAY PAVEMENT, COST INCLUDED IN P.C.C. SIDEWALK 5")
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE B 2" (COST INCLUDED IN P.C.C. SIDEWALK 5")

- NOTES :
- 1) DRIVEWAY LIMITS ARE 2 FEET FROM EDGE OF SIDEWALK, UNLESS OTHERWISE NOTED.
  - 2) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL.
  - 3) ALL EXCAVATED MATERIALS MUST BE REMOVED FROM THE JOBSITE AT THE END OF EACH WORK DAY.



LEGEND

	UTILITY STRUCTURE TO BE ADJUSTED
	TREE ROOT PRUNING
	INLET FILTERS
	TREE REMOVAL
	DETECTABLE WARNINGS ON SIDEWALK RAMPS
	SIDEWALK REMOVAL



**JJB** JAMES J. BENES & ASSOCIATES, INC.  
 900 Warrsville Road, Suite 101, Lake, Illinois 60532  
 Tel. (630) 719-7570 - Fax (630) 719-7559

FILE NUMBER = 1408	DESIGNED -- JDS	REVISED --
PLOT SCALE =	DRAWN -- SMP	REVISED --
PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

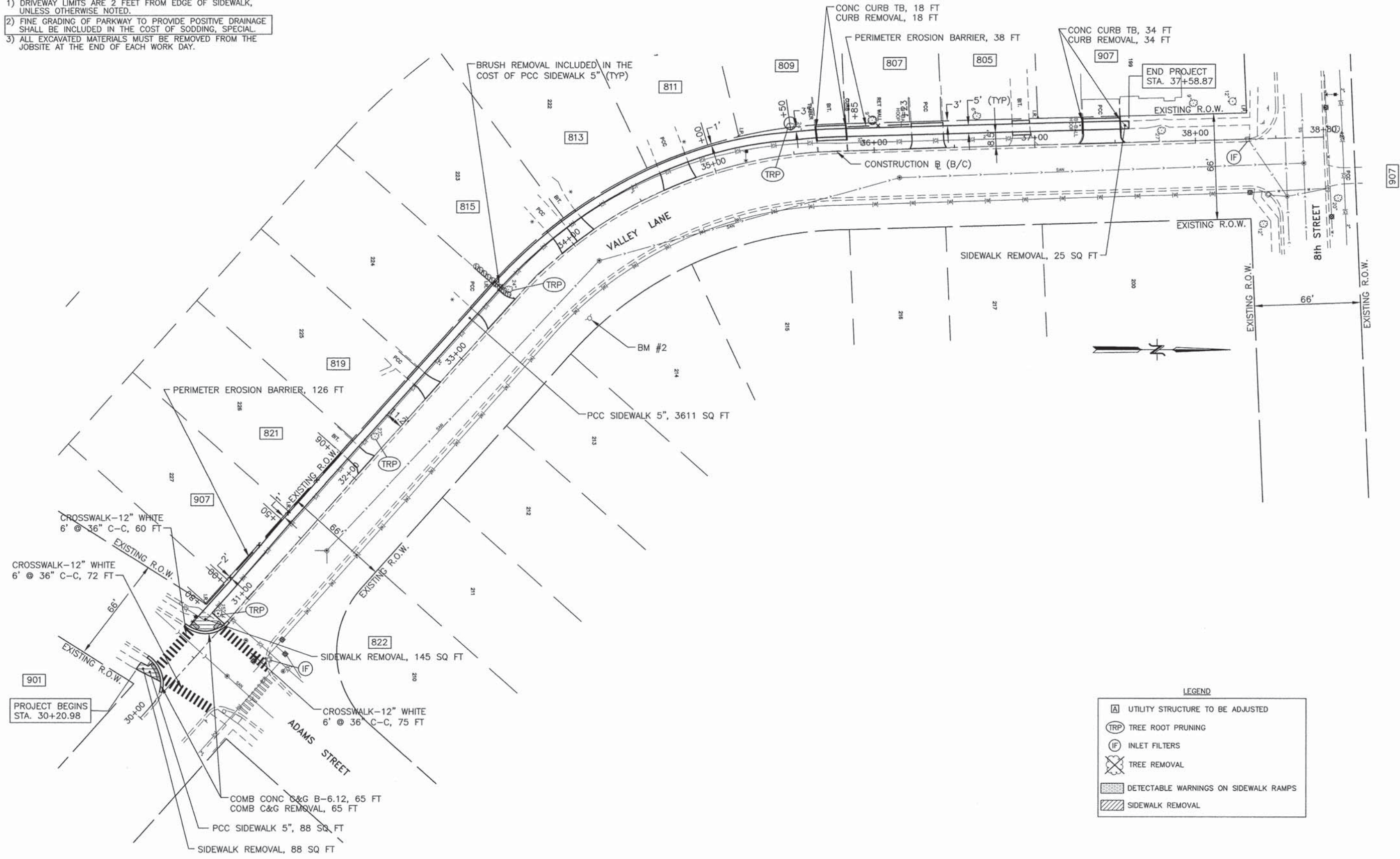
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC PLAN  
 8th STREET**

SCALE: 1"=30'      SHEET NO. 1 OF 4 SHEETS      STA. 10+00 TO STA. 19+85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	12-00077-00-SW	WILL	36	6
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	

- NOTES :
- 1) DRIVEWAY LIMITS ARE 2 FEET FROM EDGE OF SIDEWALK, UNLESS OTHERWISE NOTED.
  - 2) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL.
  - 3) ALL EXCAVATED MATERIALS MUST BE REMOVED FROM THE JOBSITE AT THE END OF EACH WORK DAY.



LEGEND

	UTILITY STRUCTURE TO BE ADJUSTED
	TREE ROOT PRUNING
	INLET FILTERS
	TREE REMOVAL
	DETECTABLE WARNINGS ON SIDEWALK RAMPS
	SIDEWALK REMOVAL

**JJB** JAMES J. BENES & ASSOCIATES, INC.  
 950 Waverly Road, Suite 101, LaGrange, Illinois 60523  
 Tel. (630) 719-7570 • Fax (630) 719-7589

USER NAME =	DESIGNED -- JDS	REVISED --
PLOT SCALE =	DRAWN -- SMP	REVISED --
PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

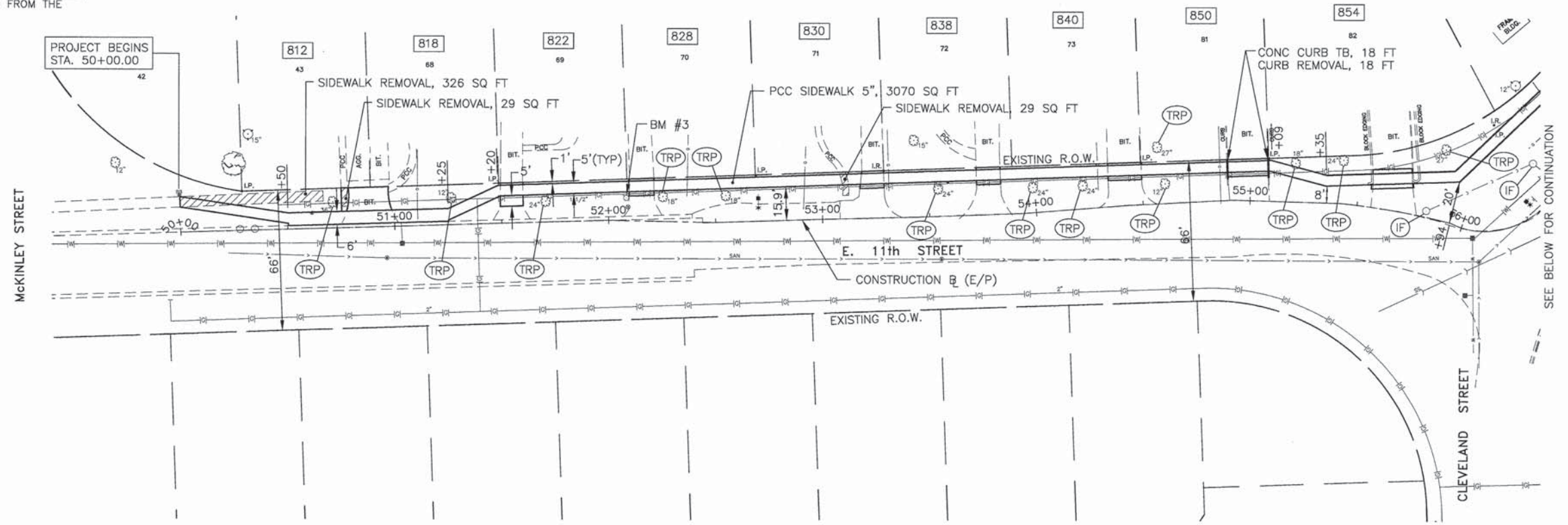
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC PLAN  
 VALLEY LANE**

SCALE: 1"=30' SHEET NO. 2 OF 4 SHEETS STA. 30+00 TO STA. 38+80

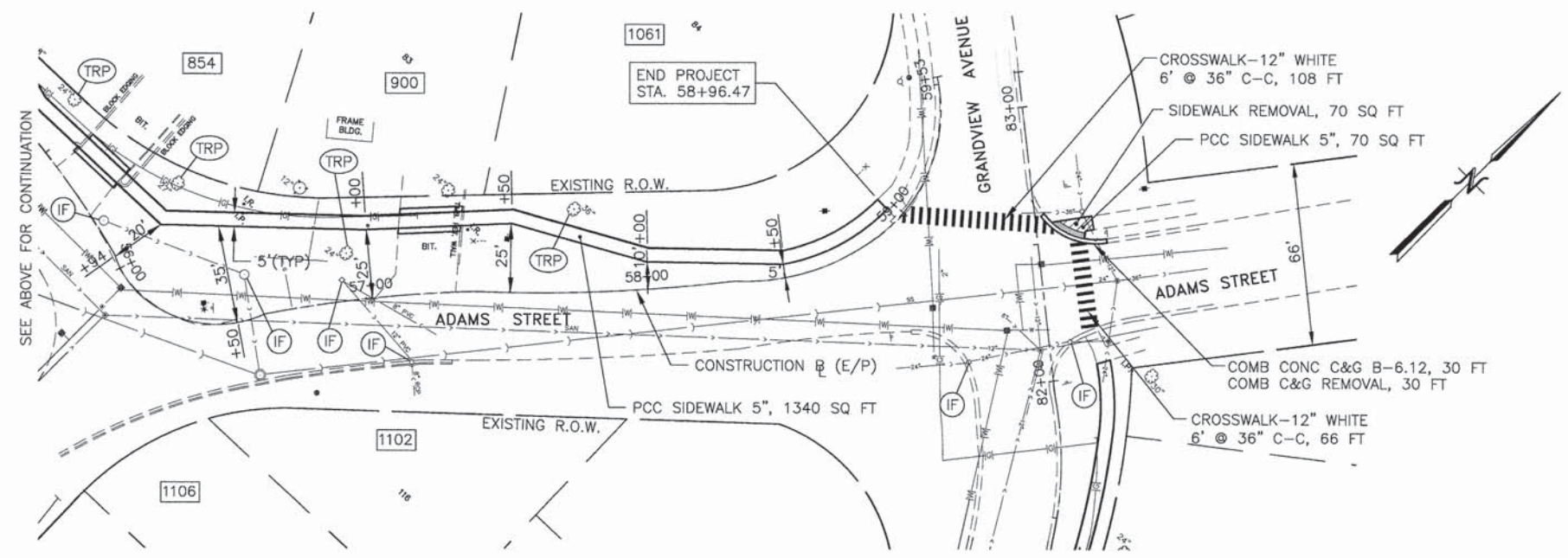
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	7
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	

- NOTES :
- 1) DRIVEWAY LIMITS ARE 2 FEET FROM EDGE OF SIDEWALK, UNLESS OTHERWISE NOTED.
  - 2) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL.
  - 3) ALL EXCAVATED MATERIALS MUST BE REMOVED FROM THE JOBSITE AT THE END OF EACH WORK DAY.



**LEGEND**

	UTILITY STRUCTURE TO BE ADJUSTED
	TREE ROOT PRUNING
	INLET FILTERS
	TREE REMOVAL
	DETECTABLE WARNINGS ON SIDEWALK RAMPS
	SIDEWALK REMOVAL



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PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

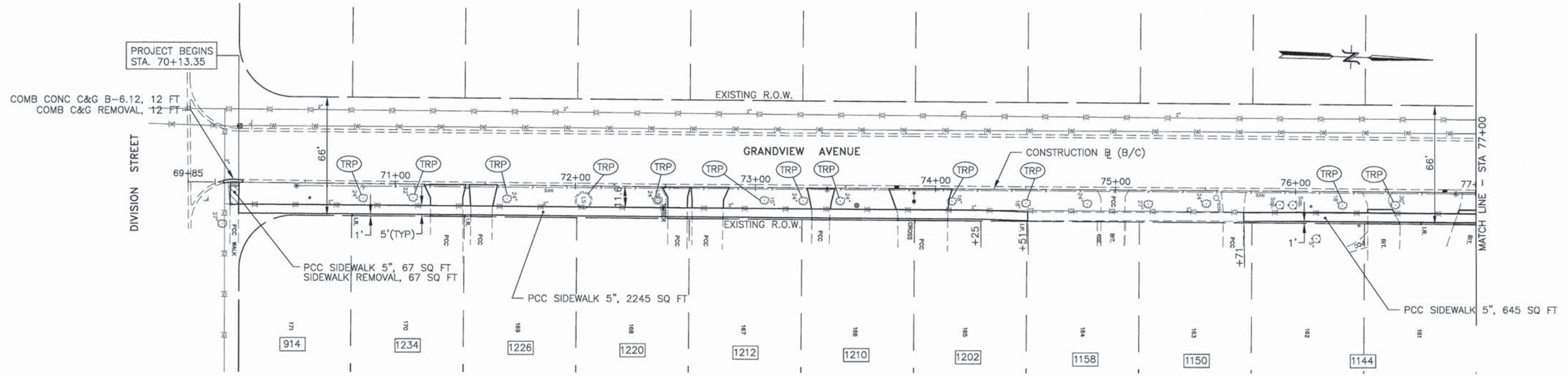
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC PLAN  
 11th STREET AND ADAMS STREET**

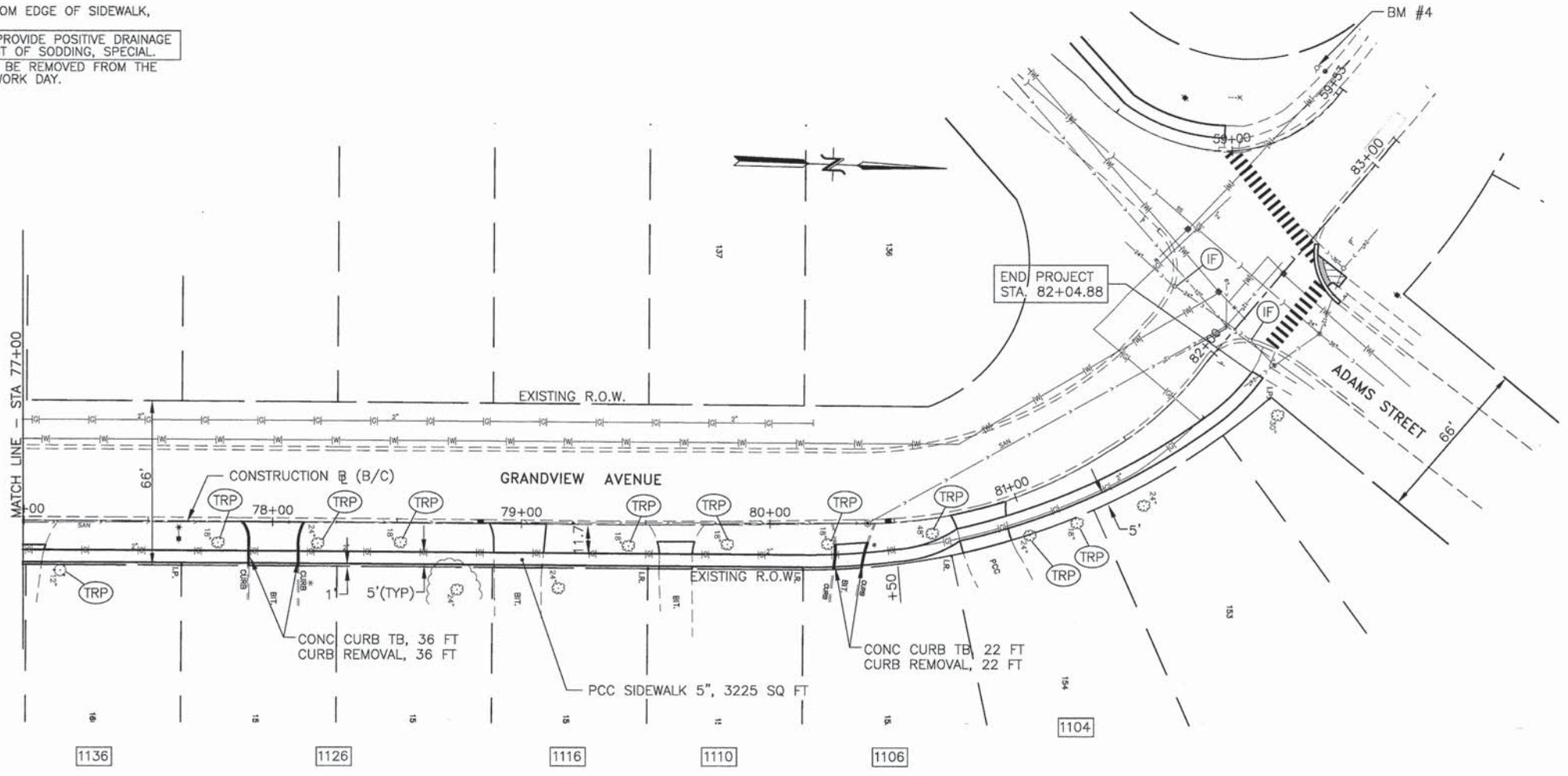
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	8
			CONTRACT NO. 63898	
ILLINOIS FED. AID PROJECT				





- NOTES :
- 1) DRIVEWAY LIMITS ARE 2 FEET FROM EDGE OF SIDEWALK, UNLESS OTHERWISE NOTED.
  - 2) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL.
  - 3) ALL EXCAVATED MATERIALS MUST BE REMOVED FROM THE JOBSITE AT THE END OF EACH WORK DAY.



LEGEND

	UTILITY STRUCTURE TO BE ADJUSTED
	TREE ROOT PRUNING
	INLET FILTERS
	TREE REMOVAL
	DETECTABLE WARNINGS ON SIDEWALK RAMPS
	SIDEWALK REMOVAL

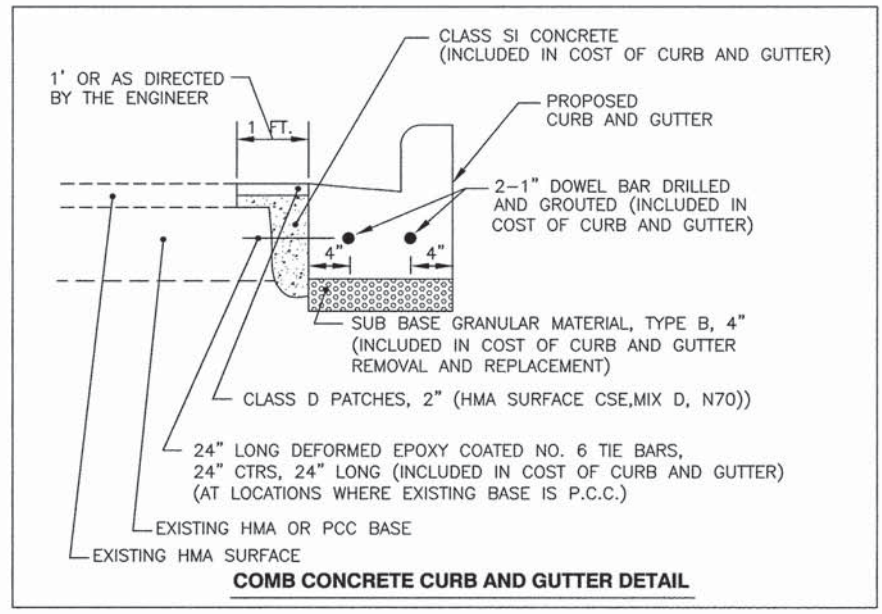
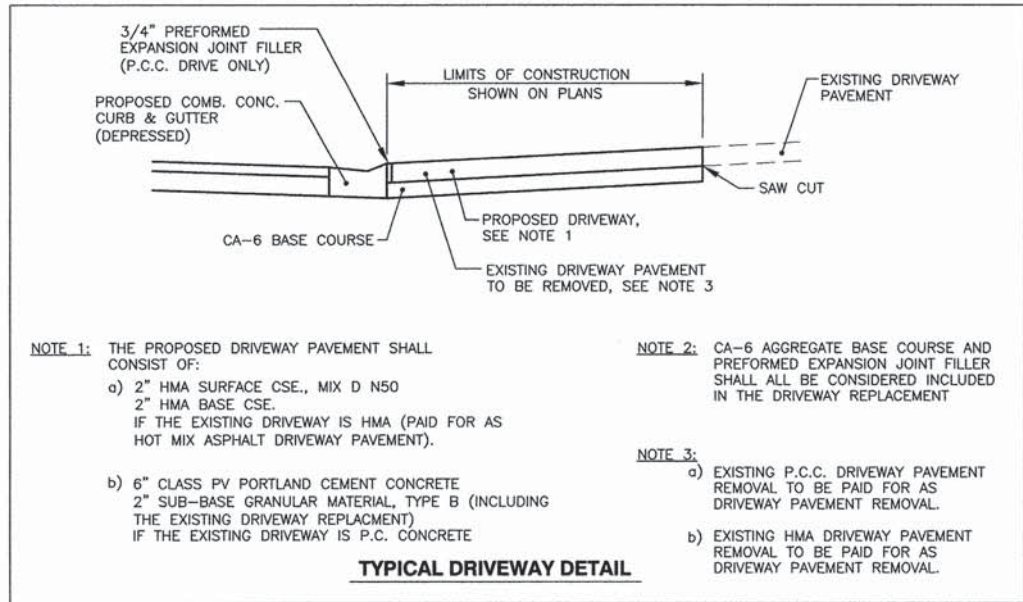
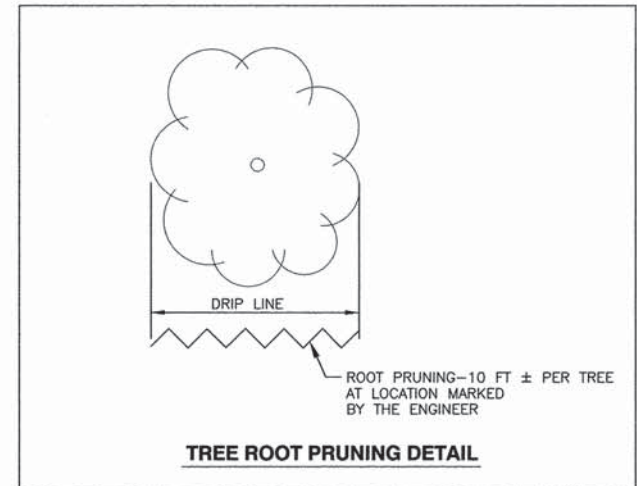
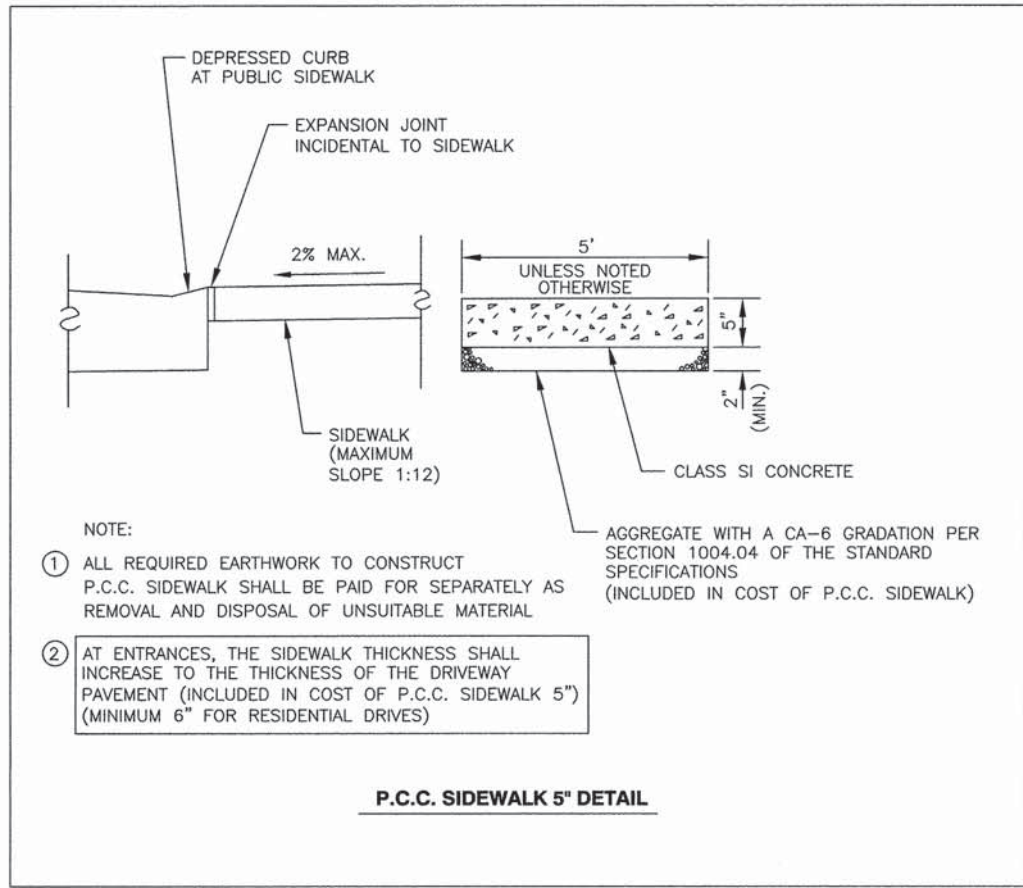
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 999 Waverly Road, Suite 101, Lake, Illinois 60033  
 Tel. (630) 719-2576 - Fax (630) 719-2589

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PLOT SCALE =	DRAWN -- SMP	REVISED --
PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

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

<b>GEOMETRIC PLAN</b>		
<b>GRANDVIEW AVENUE</b>		
SCALE: 1"=30'	SHEET NO. 4 OF 4 SHEETS	STA. 70+00 TO STA. 83+00

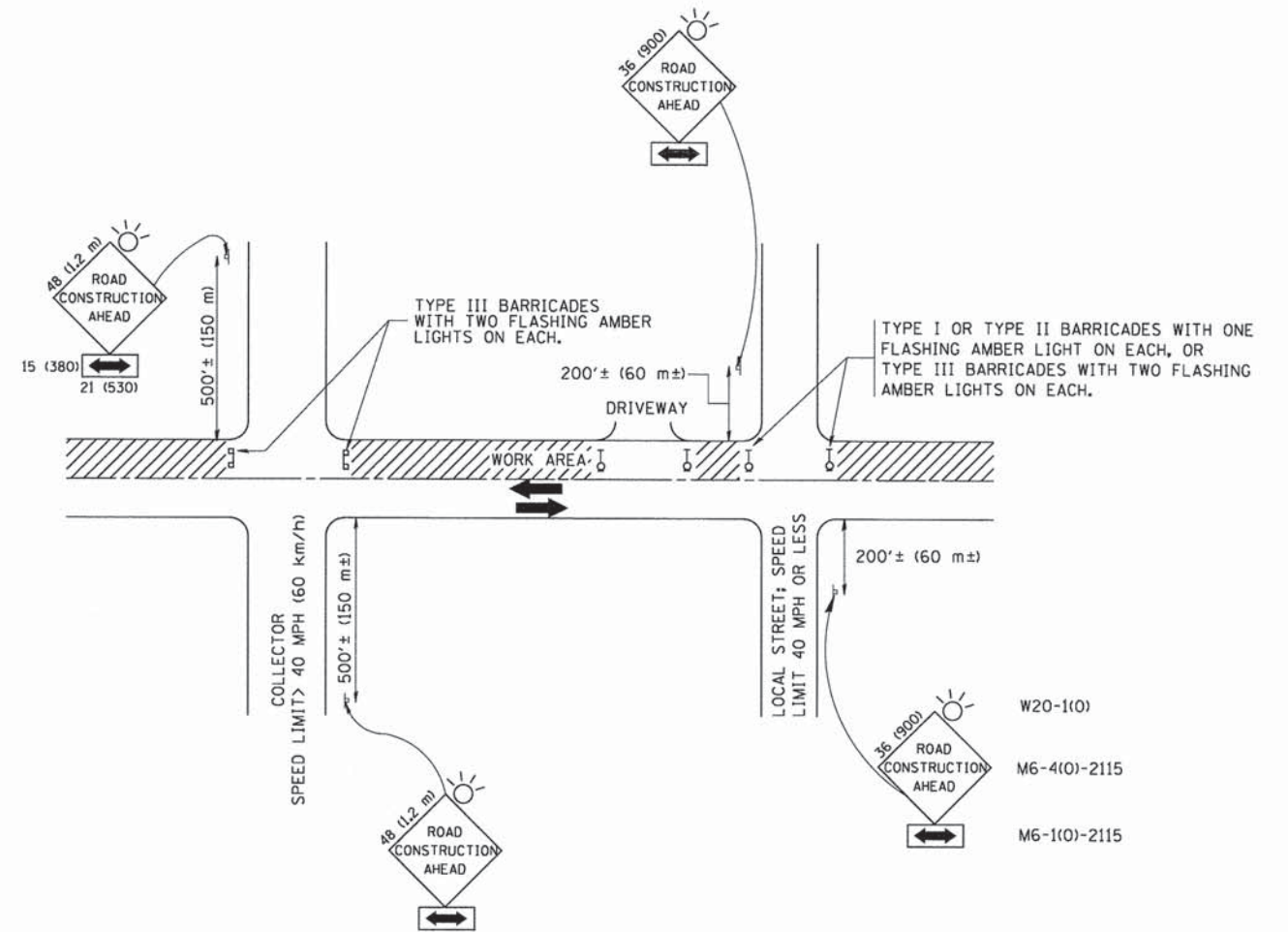
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00077-00-SW	WILL	36	9
			CONTRACT NO. 63898	
ILLINOIS FED. AID PROJECT				



USER NAME =	DESIGNED -- JDS	REVISED --
PLOT SCALE =	DRAWN -- SMP	REVISED --
PLOT DATE =	CHECKED -- JDS	REVISED --
	DATE -- Nov 16, 2013	REVISED --

CONSTRUCTION DETAILS		
SCALE: NONE	SHEET NO. 10 OF 36 SHEETS	STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	10
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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

### NOTES:

#### A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

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 AND FLAG 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. 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).

#### B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

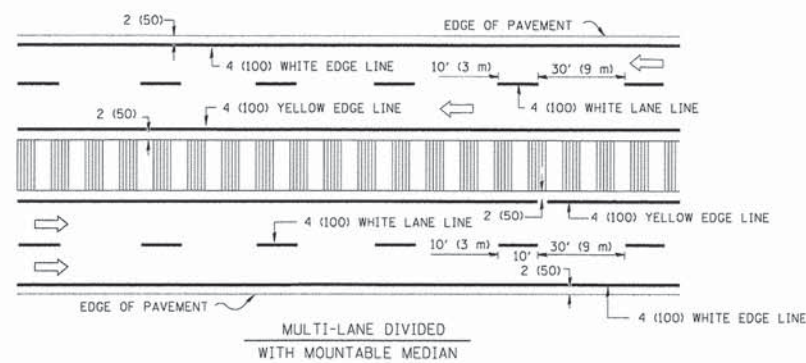
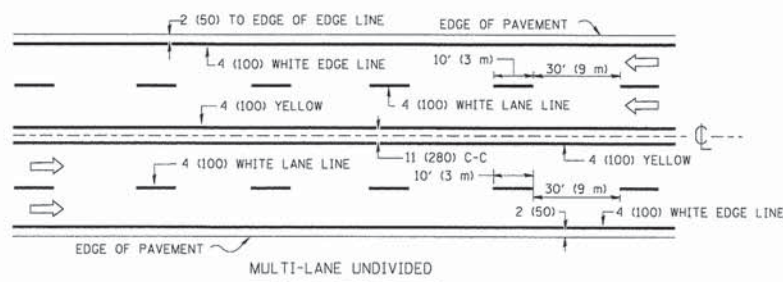
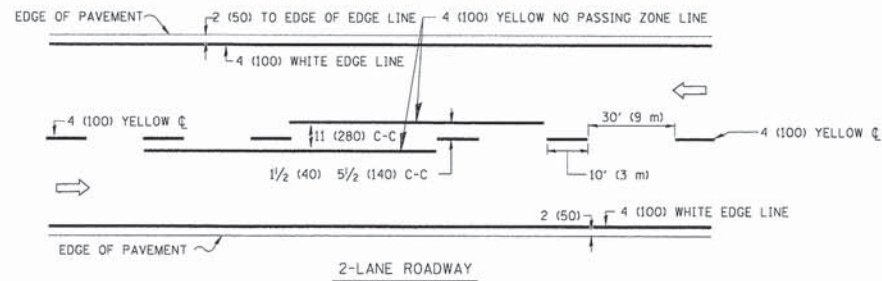
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

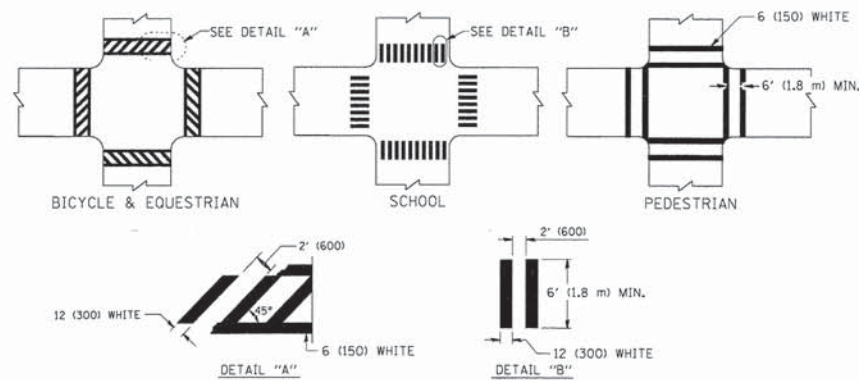
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00077-00-SW	WILL	36	11
TC-10			CONTRACT NO. 63898	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

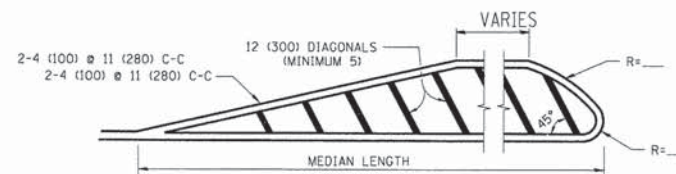
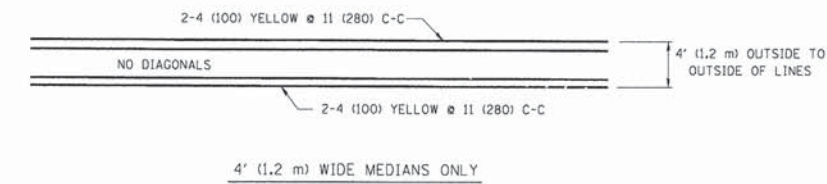


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



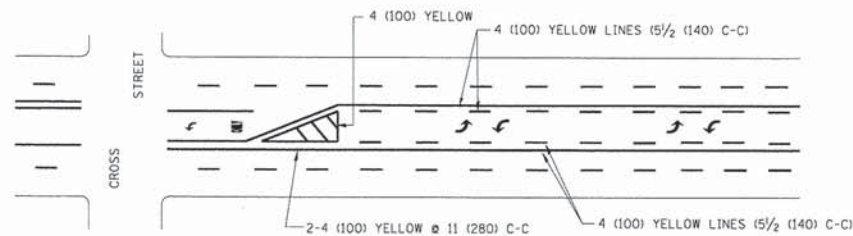
TYPICAL CROSSWALK MARKING



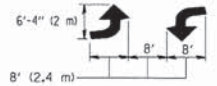
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

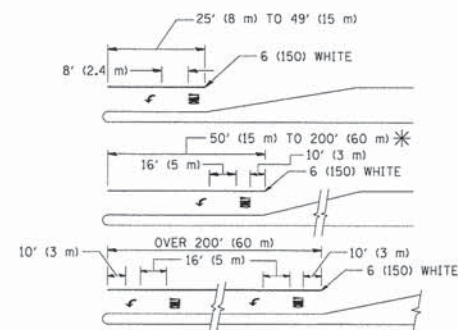


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

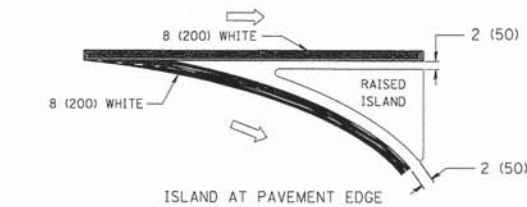
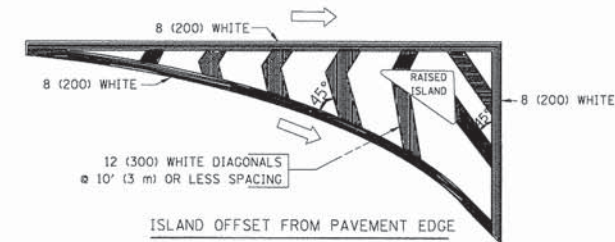


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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) APART WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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	SKIP-DASH AND SOLID	YELLOW	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
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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 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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE 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" 15 6" (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	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))

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.

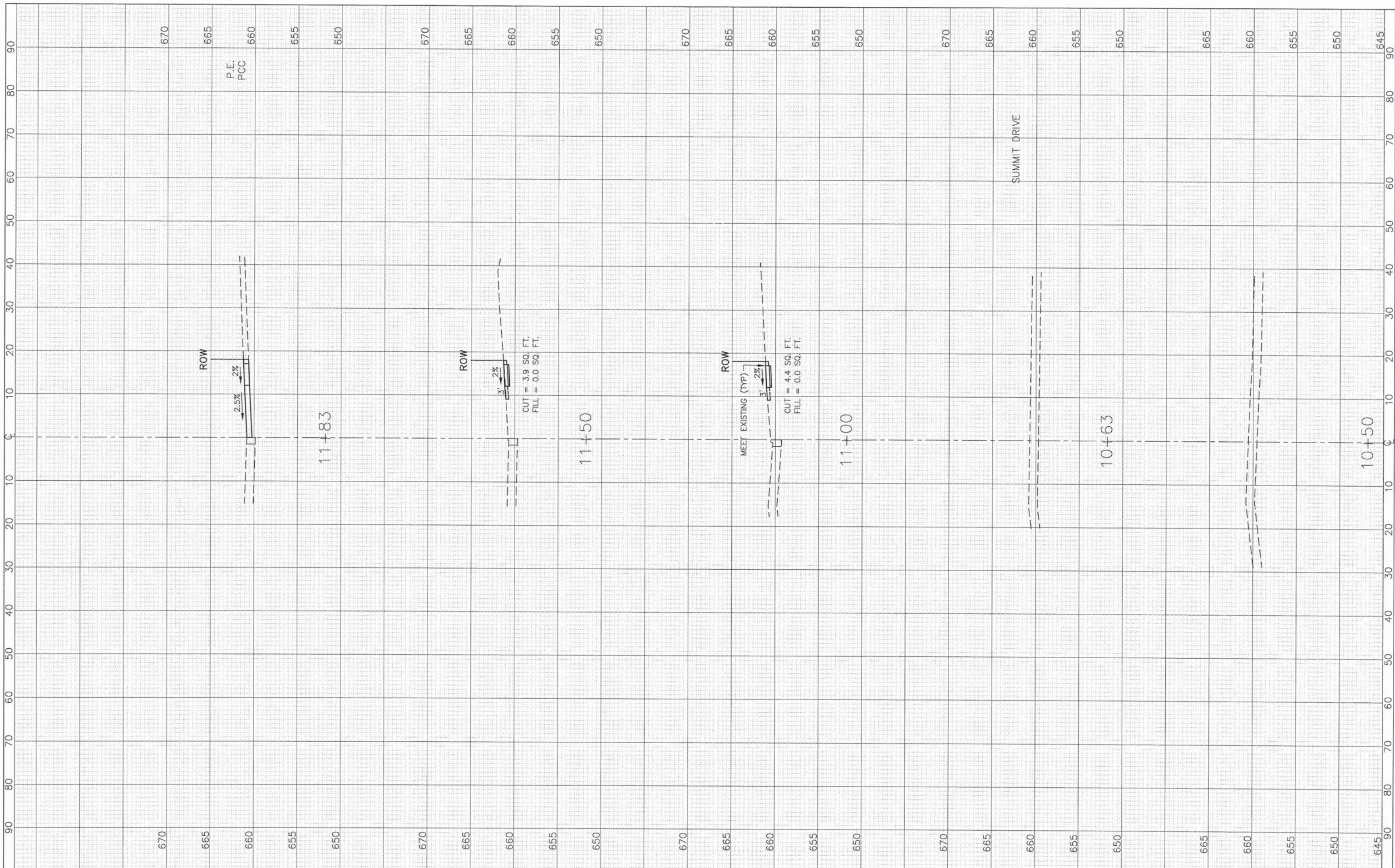
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00077-00-SW	WILL	36	12
TC-13		CONTRACT NO. 63898		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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USER NAME =	DESIGNED — BDH	REVISED —
PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	DRAWN — SMP	REVISED —
PLOT DATE =	CHECKED — BDH	REVISED —
	DATE — Nov 16, 2013	REVISED —

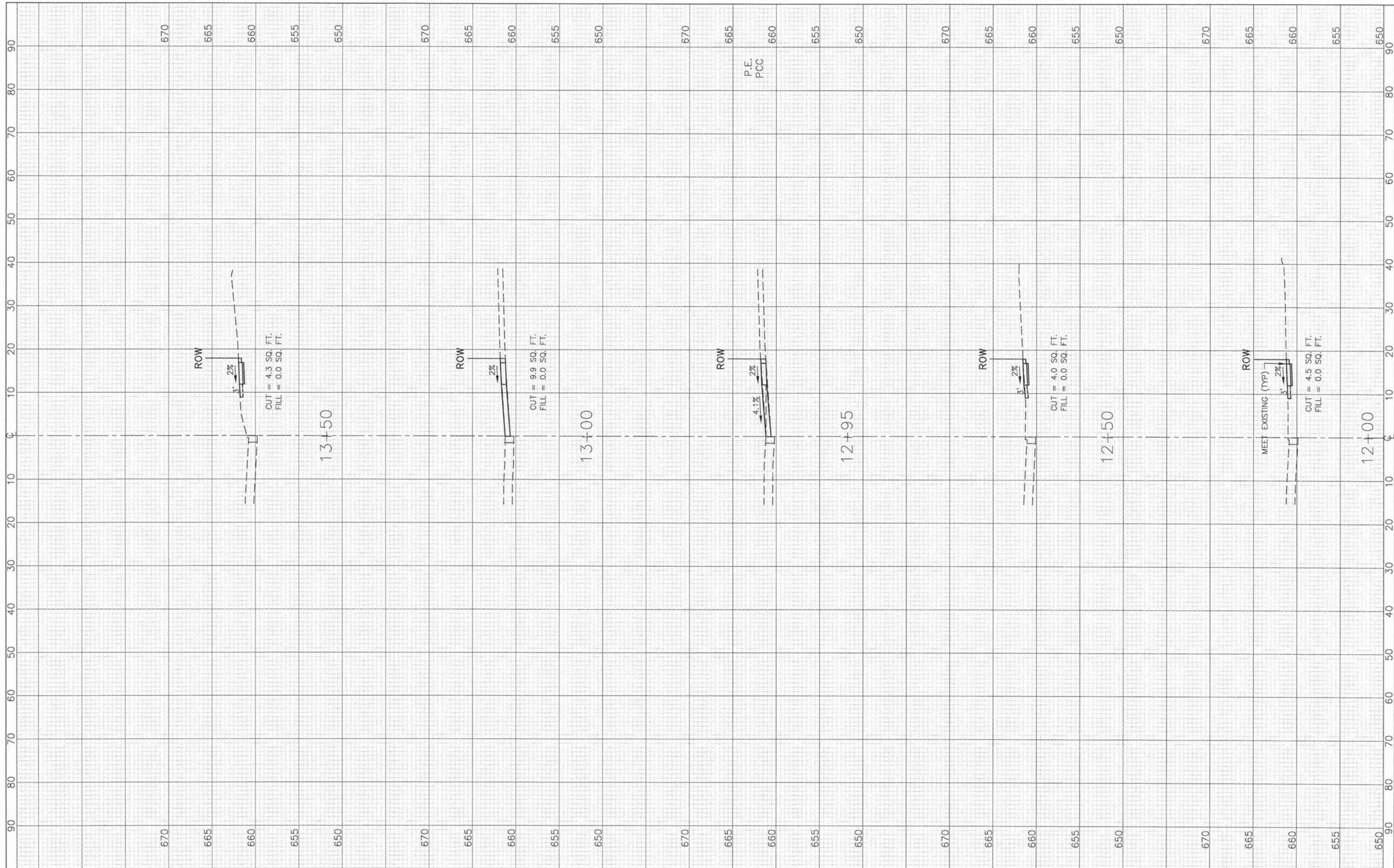
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

1"=10' HOR.  
 SCALE: 1"=5' VERT.

**CROSS SECTIONS  
 8th STREET**

SHEET NO. 13 OF 36 SHEETS STA. 10+50 TO STA. 11+83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63898	



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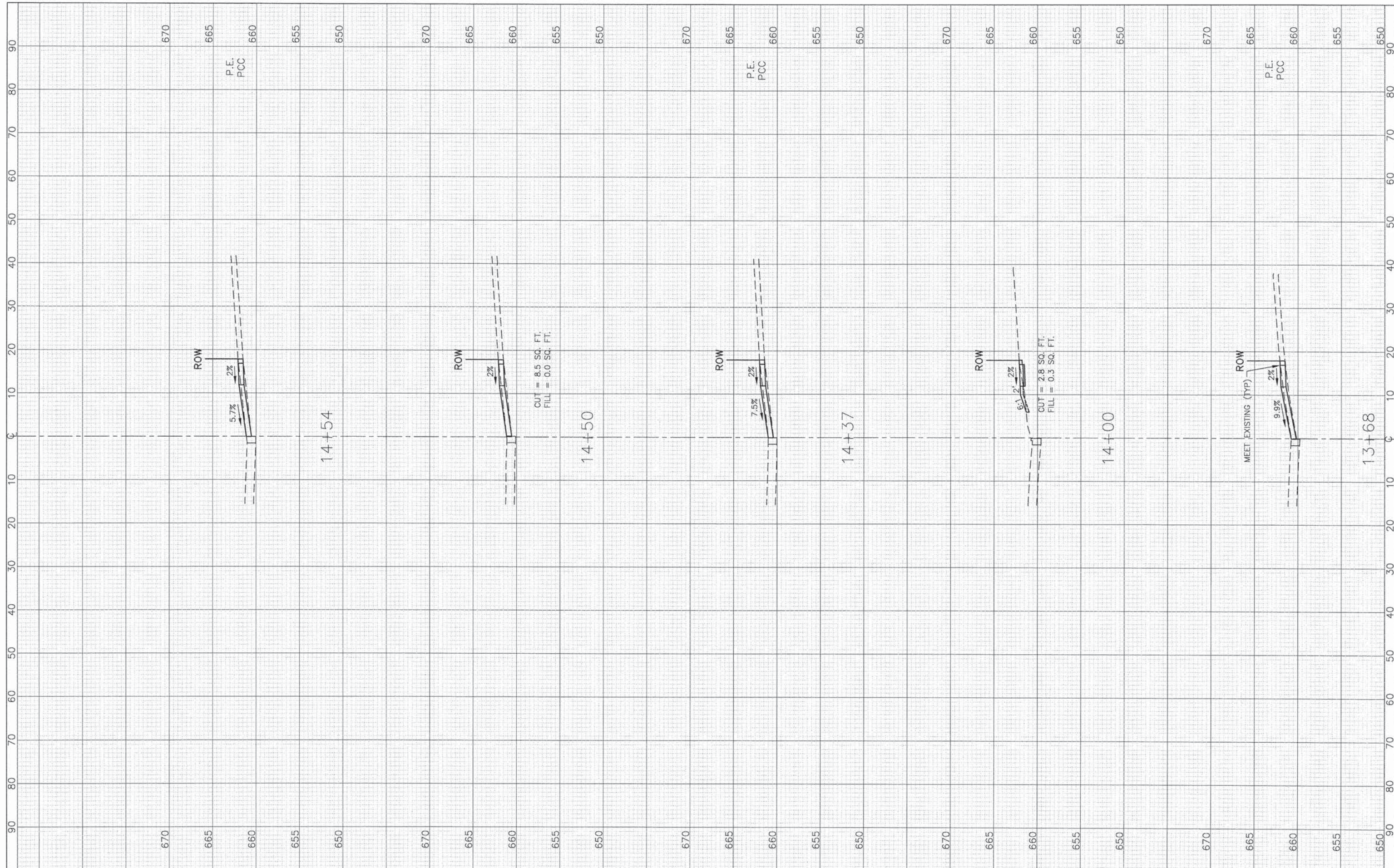
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 8th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 14 OF 36 SHEETS STA. 12+00 TO STA. 13+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	14
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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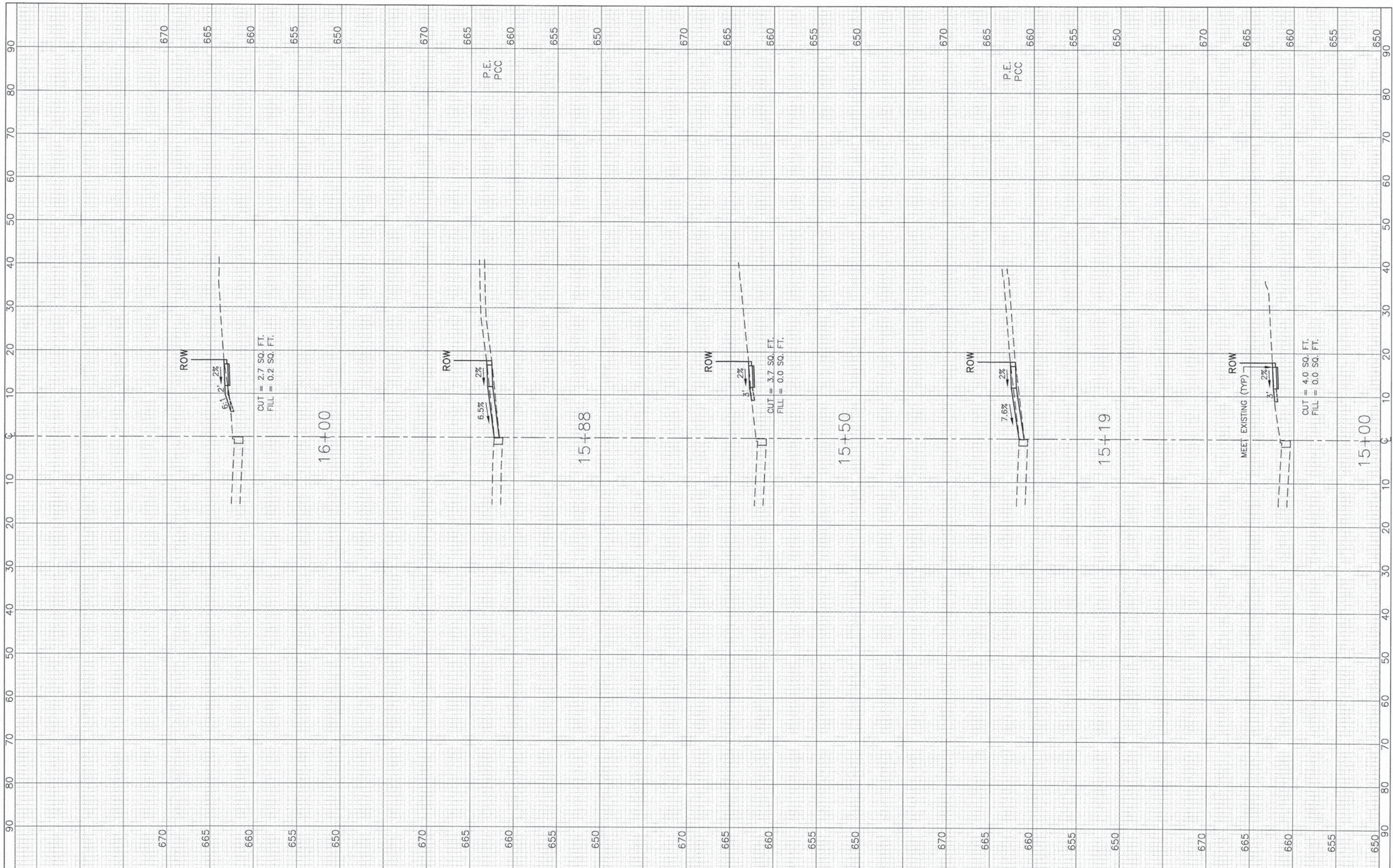
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PLOT DATE =	CHECKED - BDH	REVISED -
	DATE - Nov 16, 2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 8th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 15 OF 36 SHEETS STA. 13+68 TO STA. 14+54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	15
CONTRACT NO. 63898				
ILLINOIS FED. AID PROJECT				



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PLOT DATE =	CHECKED -- BDH	REVISED --
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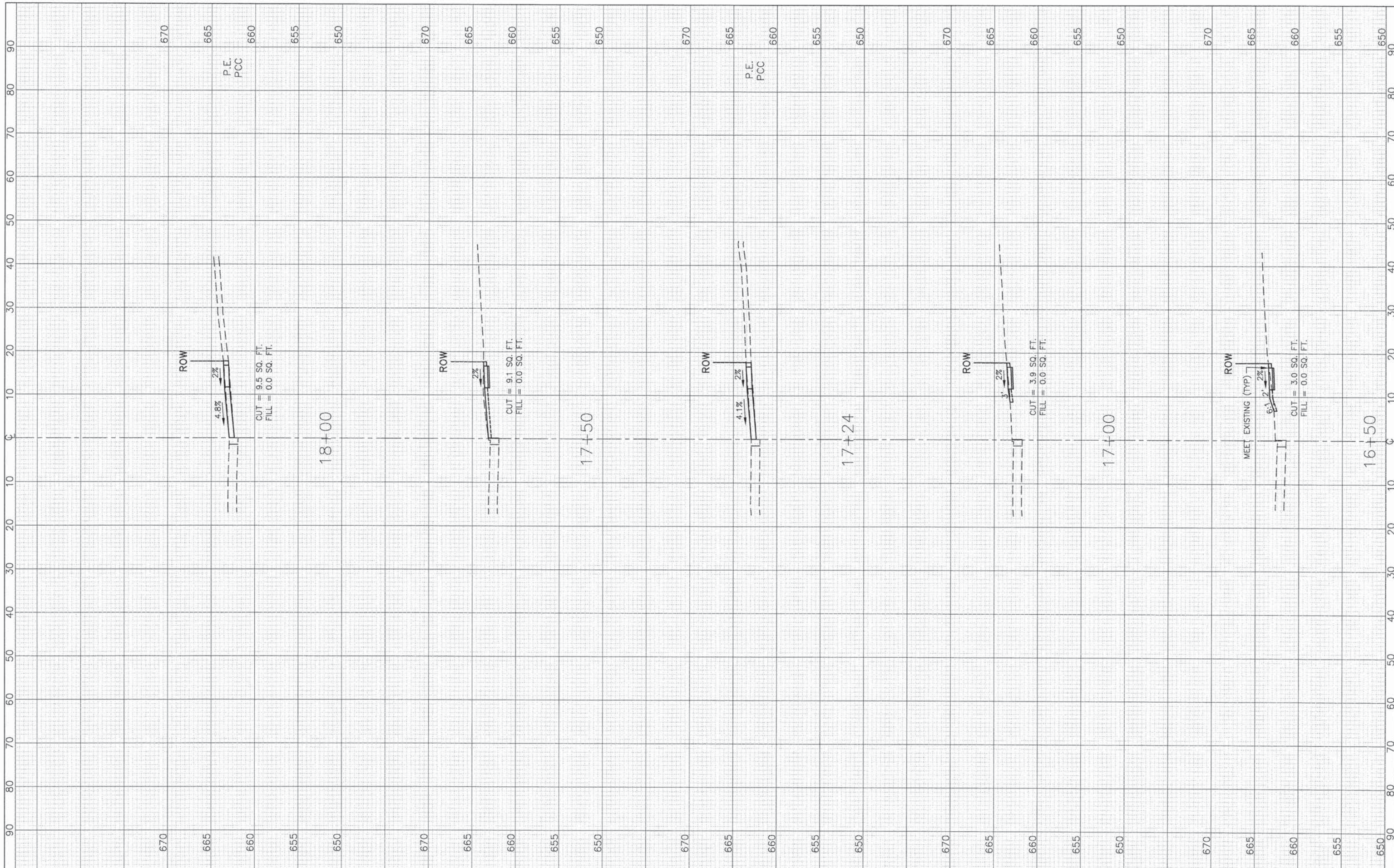
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 8th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 16 OF 36 SHEETS STA. 15+00 TO STA. 16+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	16
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	





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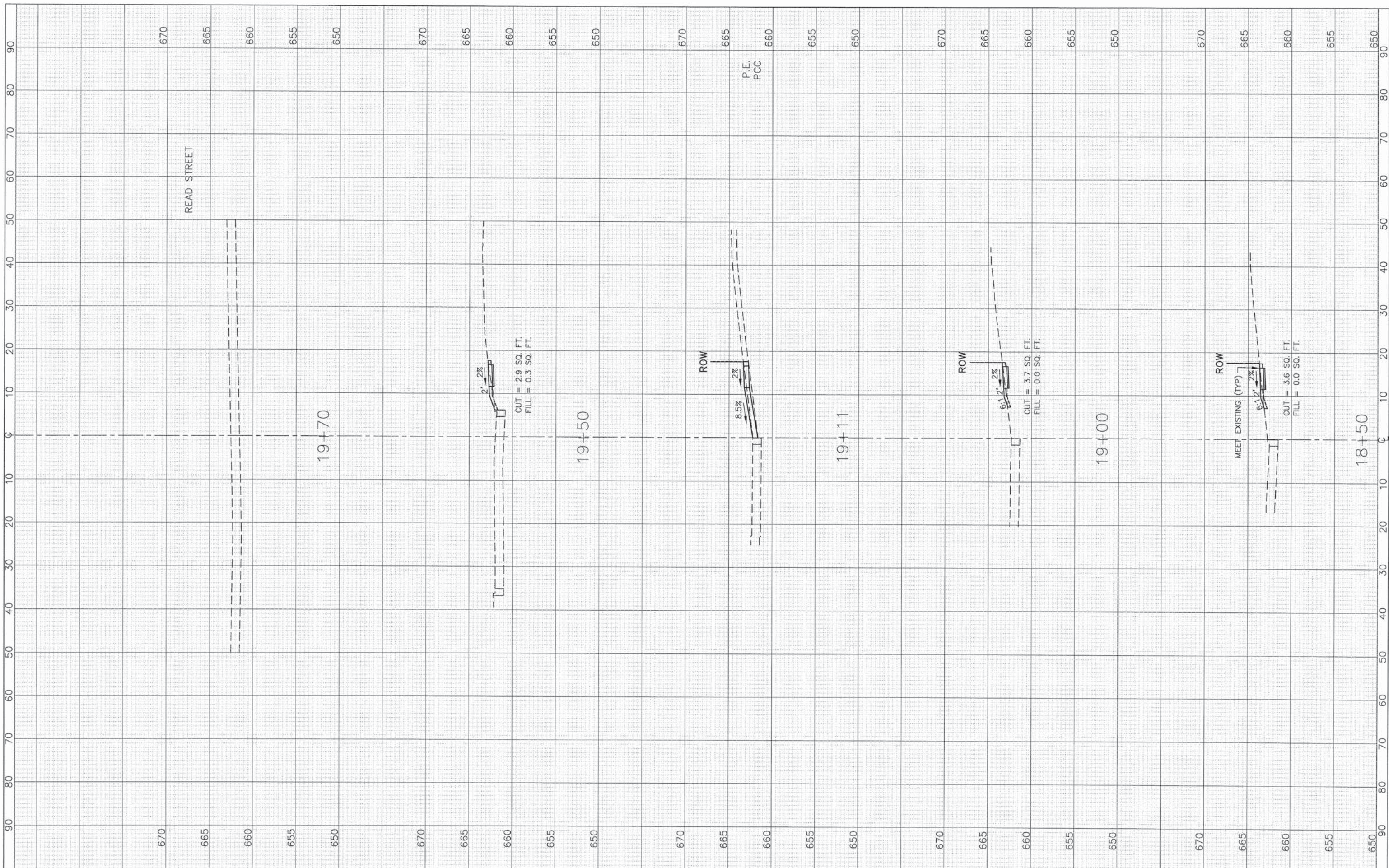
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DRAWN -- SMP	CHECKED -- BDH	REVISED --
PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	DATE -- Nov 16, 2013	REVISED --
PLOT DATE =		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 8th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 17 OF 36 SHEETS STA. 16+50 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	17
			CONTRACT NO. 63898	
ILLINOIS FED. AID PROJECT				



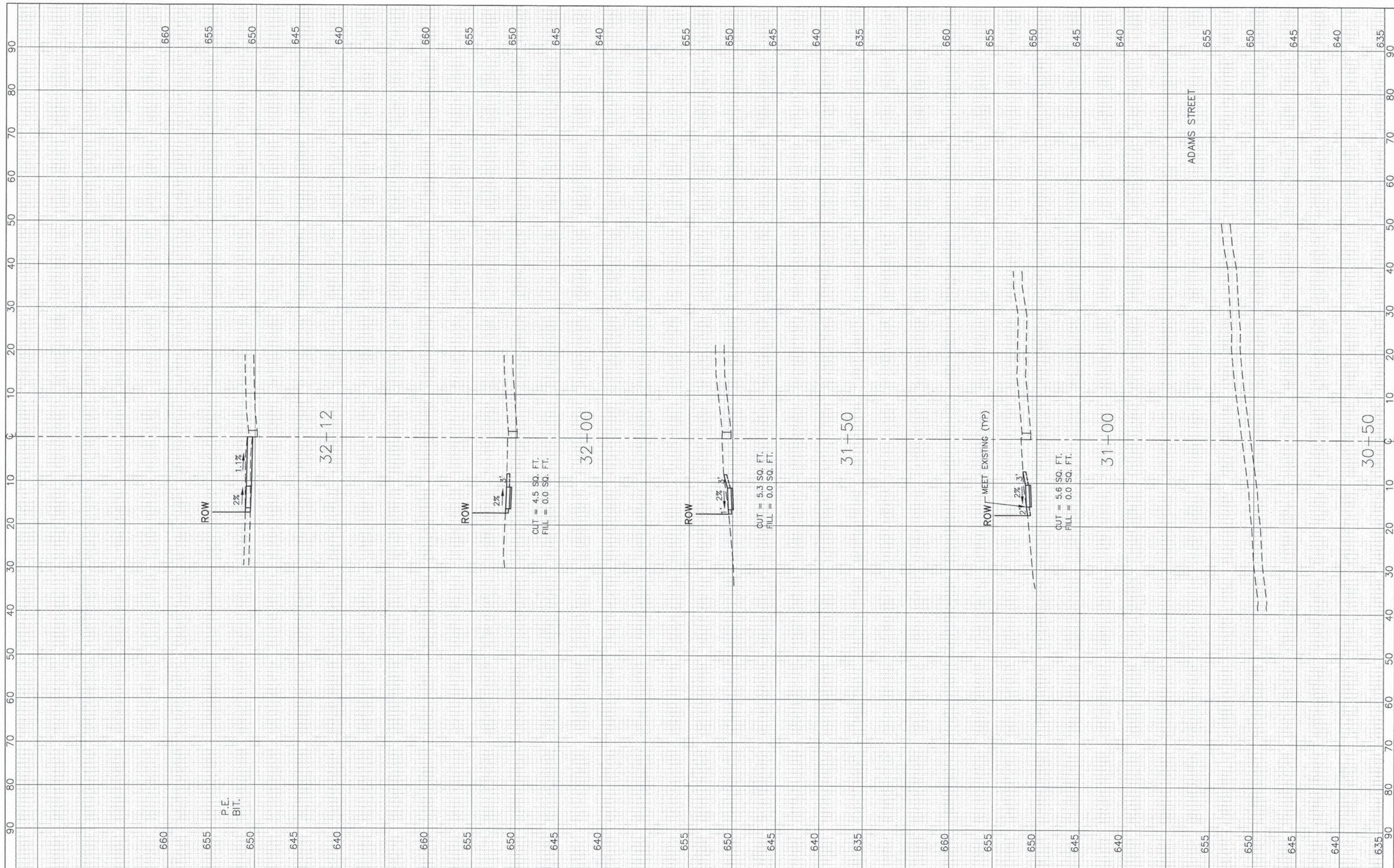
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

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

<b>CROSS SECTIONS</b> <b>8th STREET</b>		
1"=10' HOR. SCALE: 1"=5' VERT.	SHEET NO. 18 OF 36 SHEETS	STA. 18+50 TO STA. 19+70

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63898	



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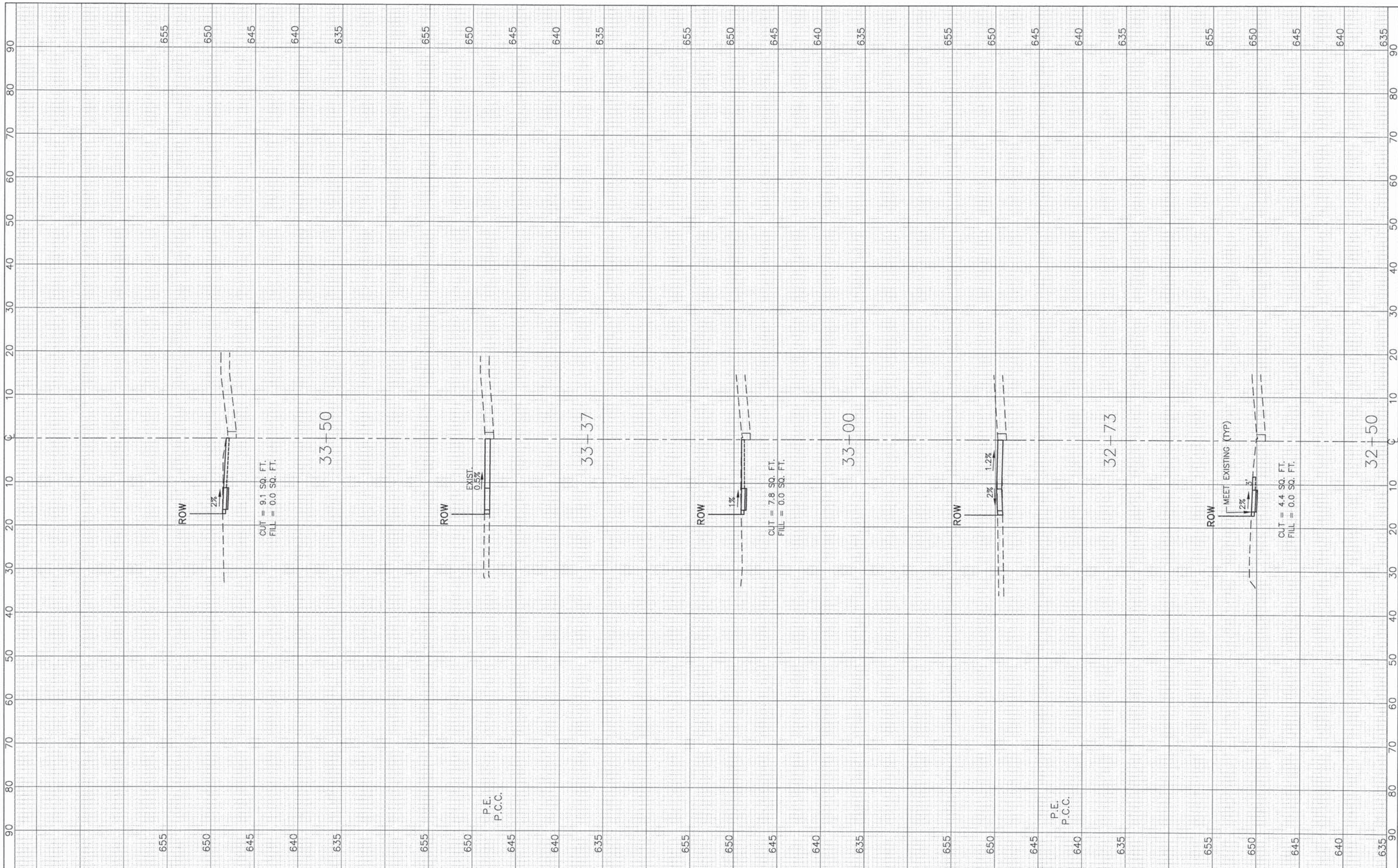
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 VALLEY LANE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 19 OF 36 SHEETS STA. 30+50 TO STA. 32+12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	19
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	CHECKED -- BDH	REVISED --
PLOT DATE =	DATE -- Nov 16, 2013	REVISED --

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

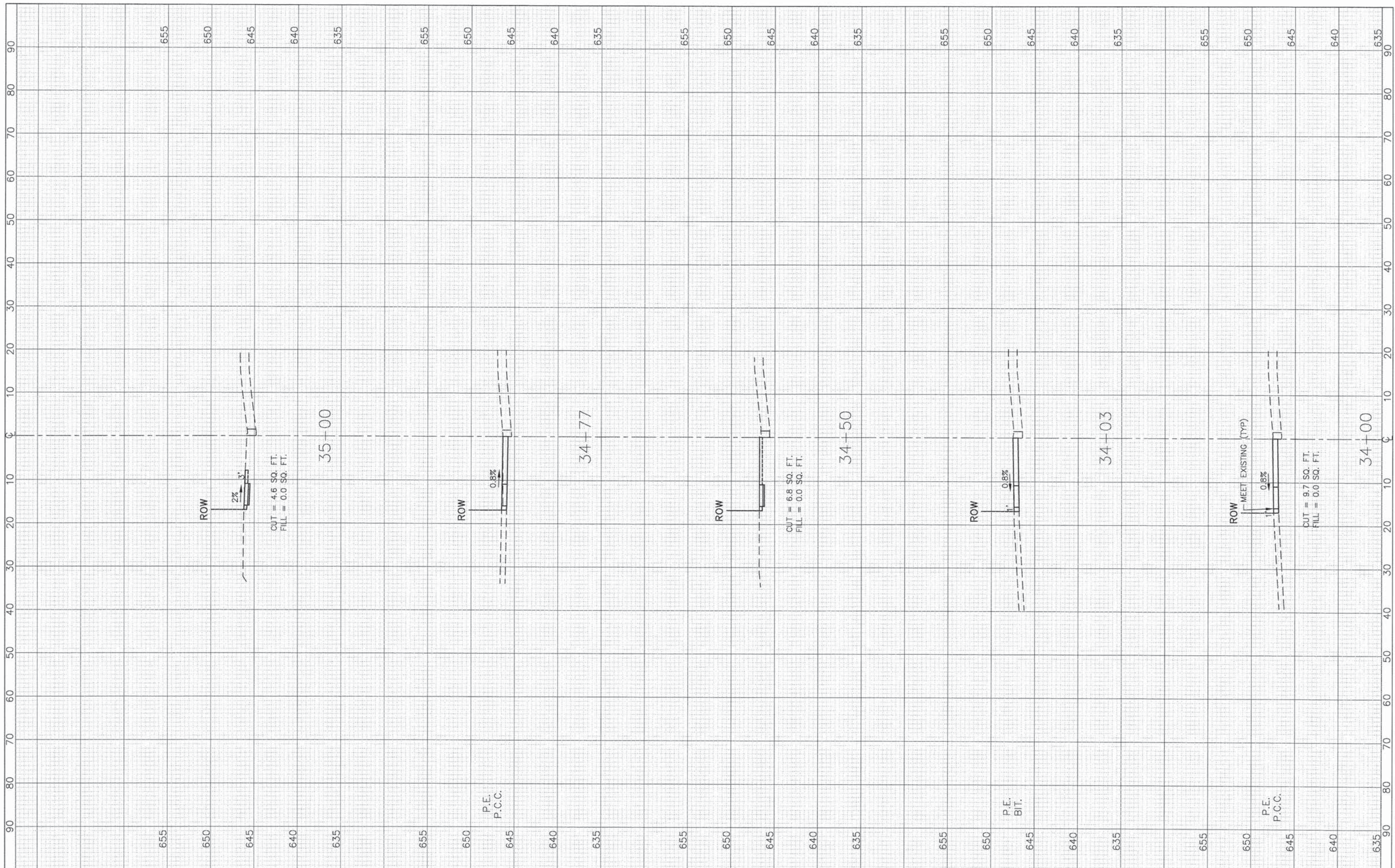
**CROSS SECTIONS  
 VALLEY LANE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 20 OF 36 SHEETS STA. 32+50 TO STA. 33+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	20
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	

P.E.  
P.C.C.

P.E.  
P.C.C.



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PLOT DATE =	CHECKED - BDH	REVISED
	DATE - Nov 16, 2013	REVISED

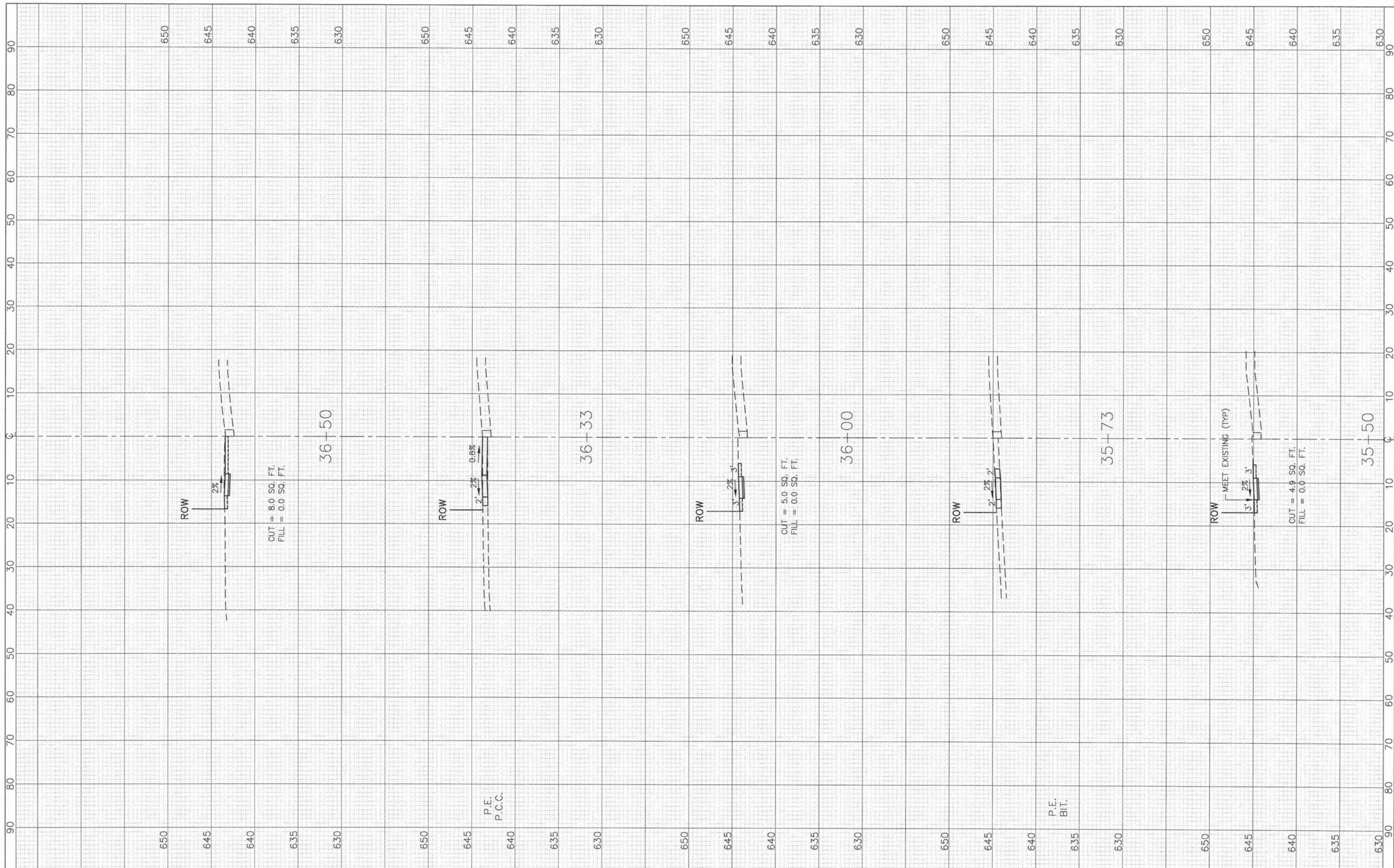
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 VALLEY LANE**

1"=10' HOR.  
 SCALE: 1"=5' VERT.

SHEET NO. 21 OF 36 SHEETS      STA. 34+00 TO STA. 35+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	21
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

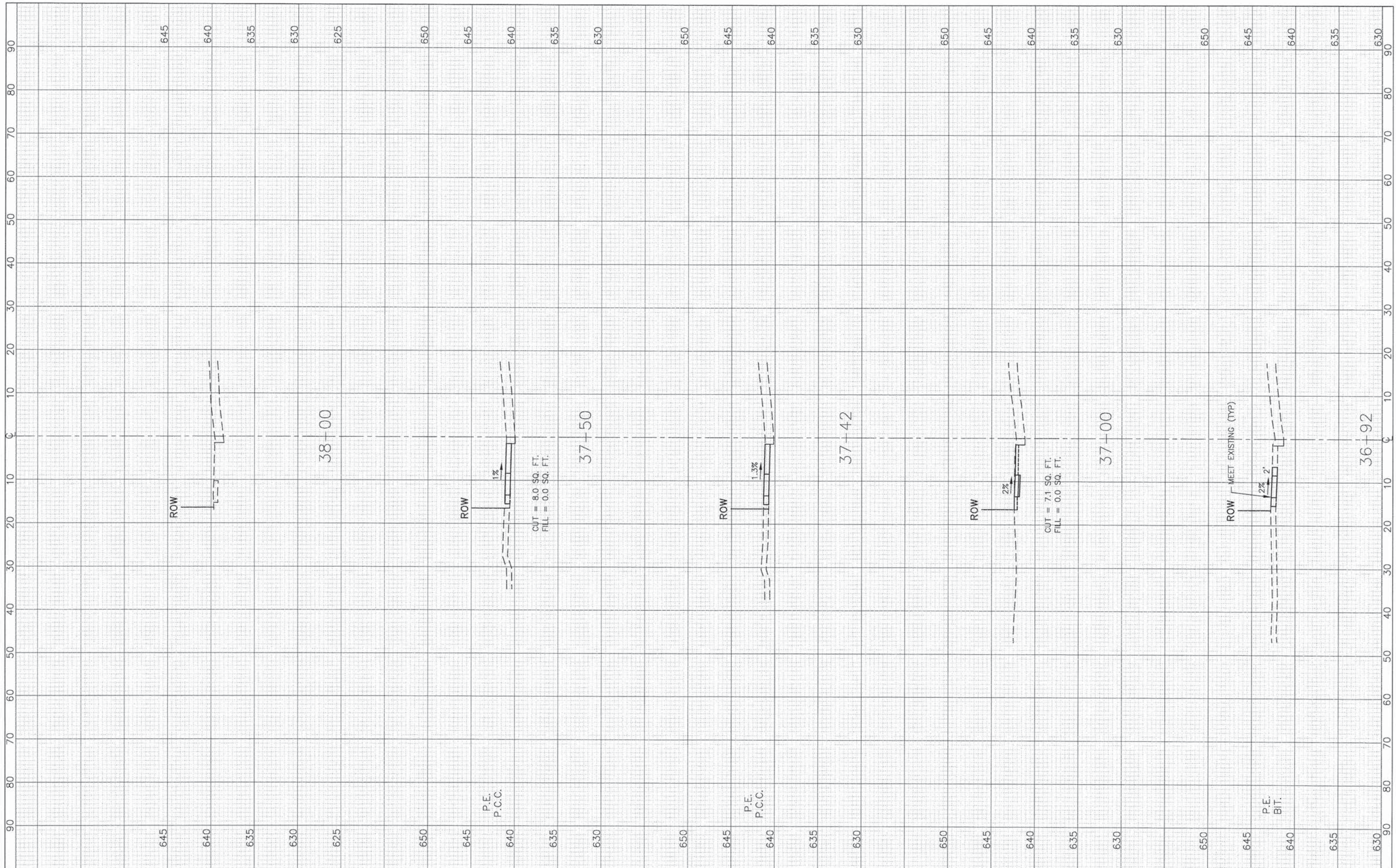
**CROSS SECTIONS  
 VALLEY LANE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 22 OF 36 SHEETS STA. 35+50 TO STA. 36+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	22
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	

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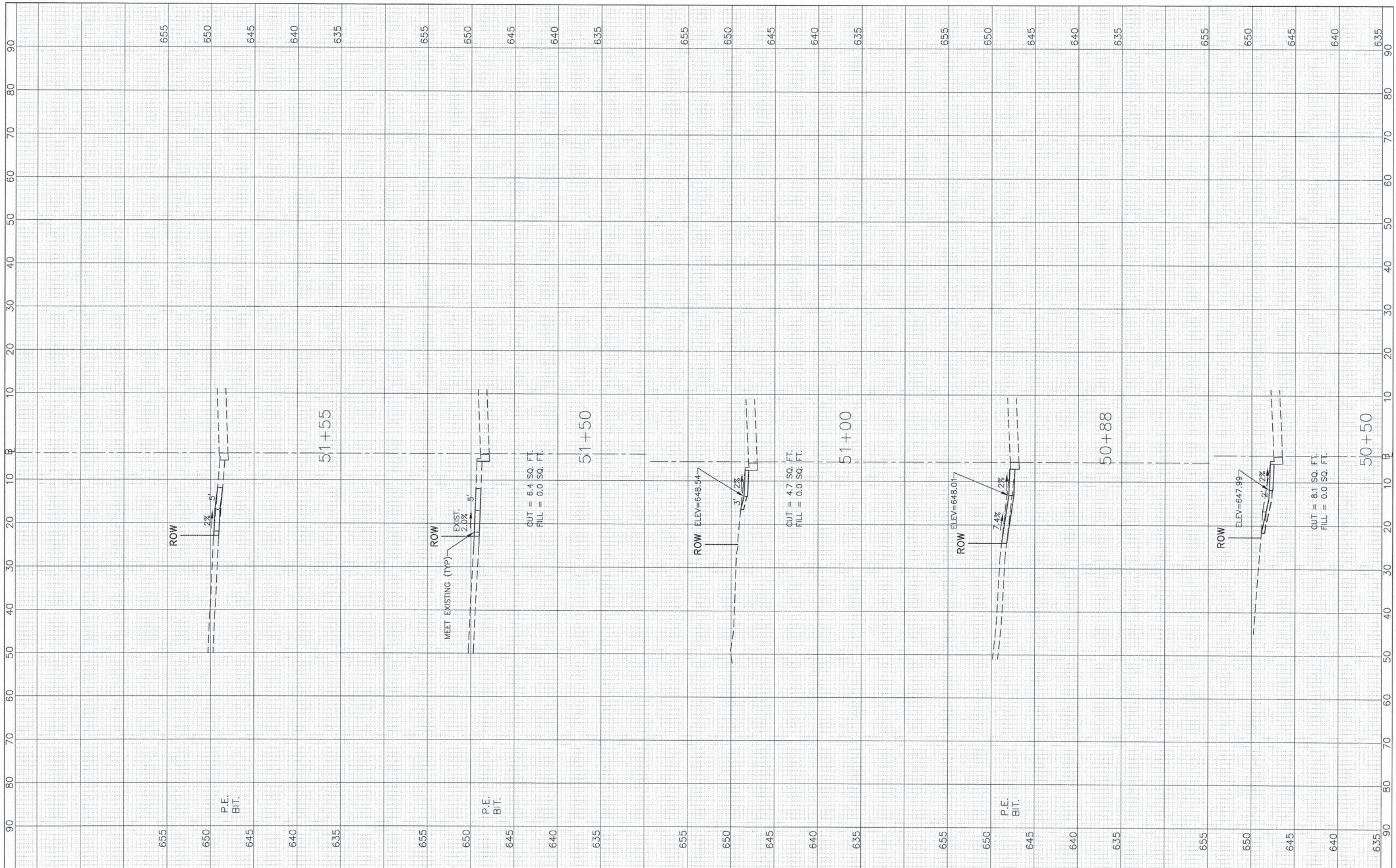
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PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	DATE -- Nov 16, 2013	REVISED --
PLOT DATE =		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 VALLEY LANE**  
 1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 23 OF 36 SHEETS STA. 36+92 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL.	36	23
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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DRAWN -- SMP	CHECKED -- BDH	REVISED
PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	DATE -- Nov 16, 2013	REVISED
PLOT DATE =		

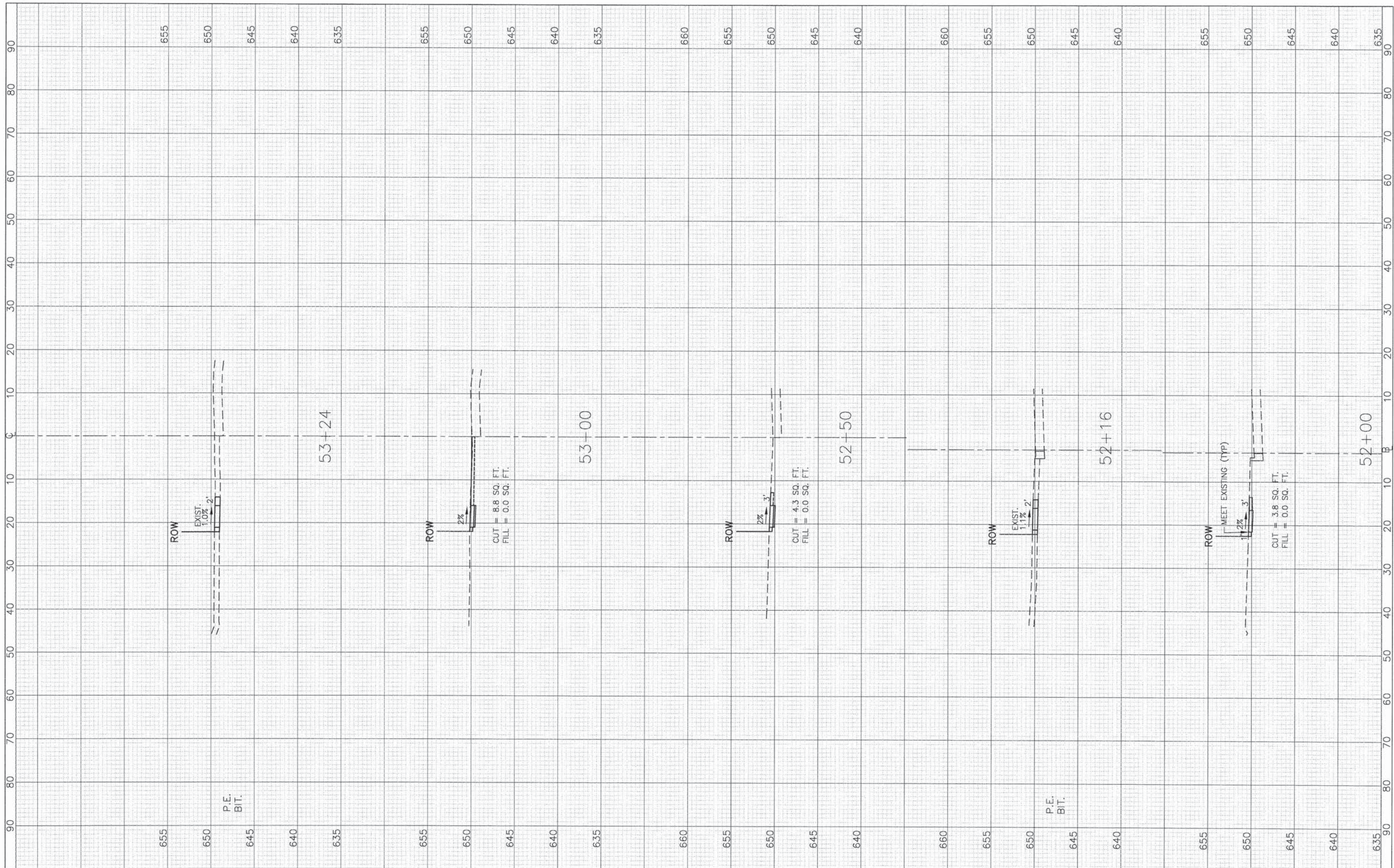
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 11th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 24 OF 36 SHEETS STA. 50+50 TO STA. 51+55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	24
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	





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	DATE -- Nov 16, 2013	REVISED --

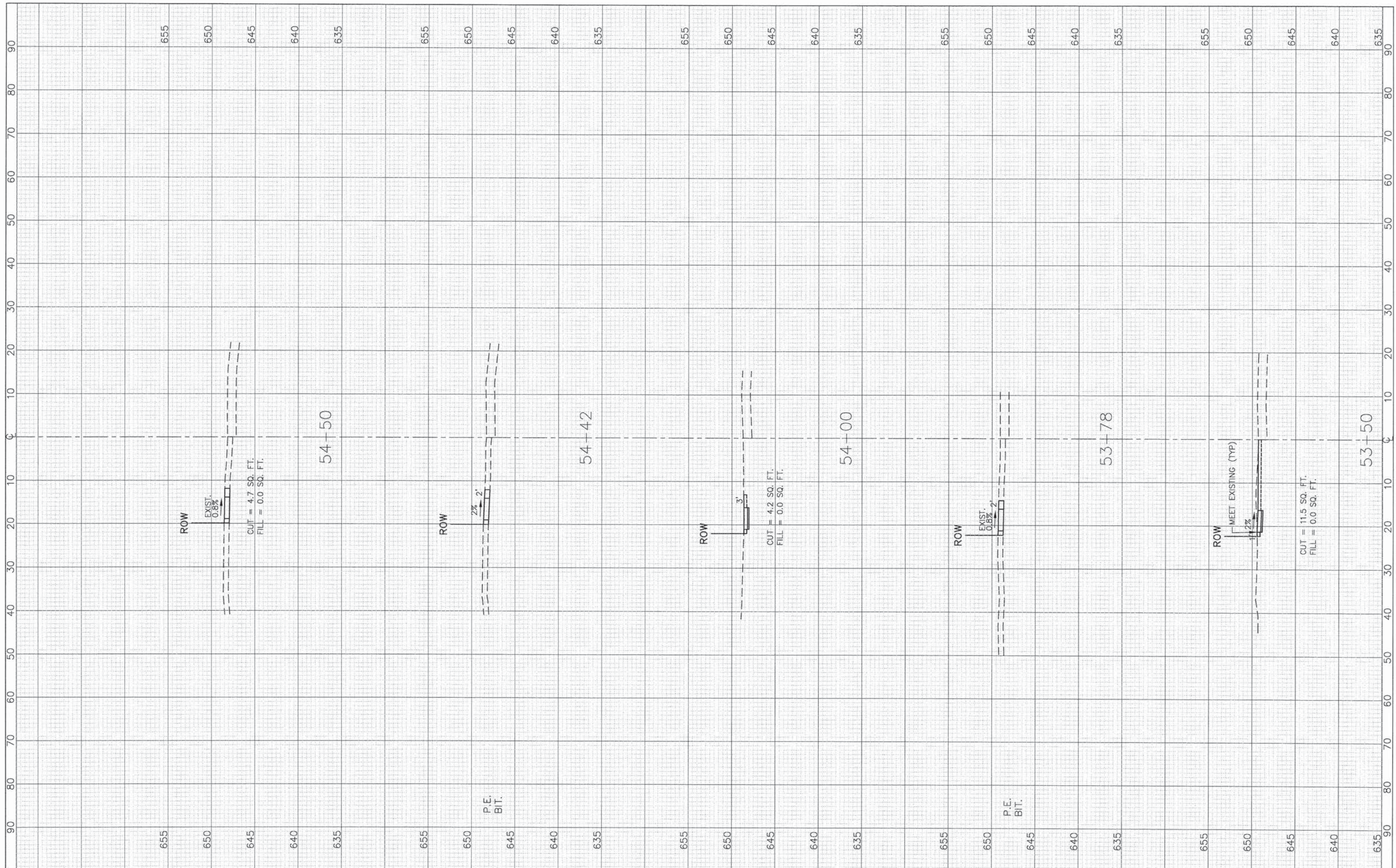
**STATE OF ILLINOIS  
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1"=10' HOR.  
 SCALE: 1"=5' VERT.

**CROSS SECTIONS  
 11th STREET**

SHEET NO. 25 OF 36 SHEETS      STA. 52+00 TO STA. 53+24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	25
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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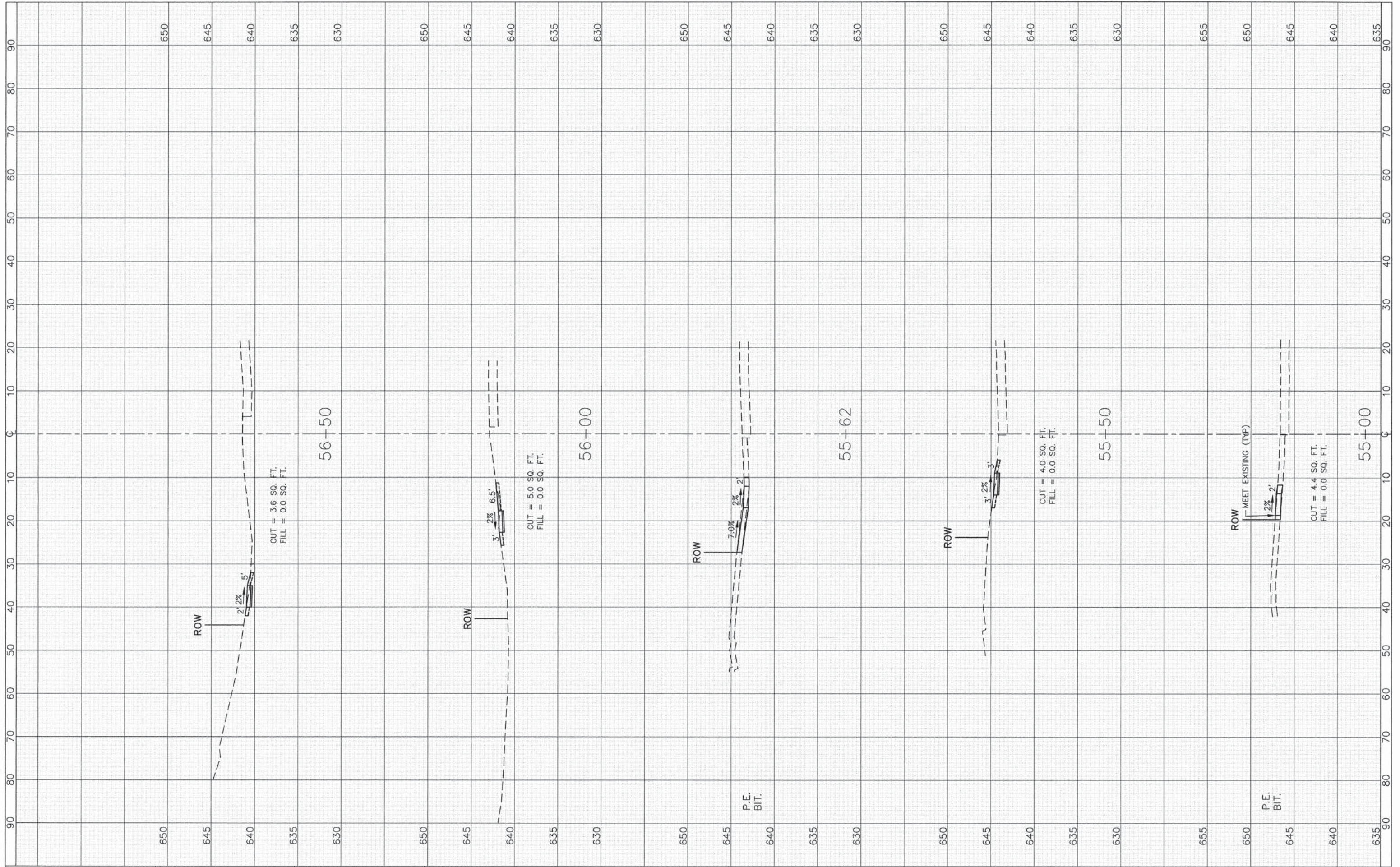
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

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**CROSS SECTIONS  
 11th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 26 OF 36 SHEETS STA. 53+50 TO STA. 54+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	26
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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USER NAME =  
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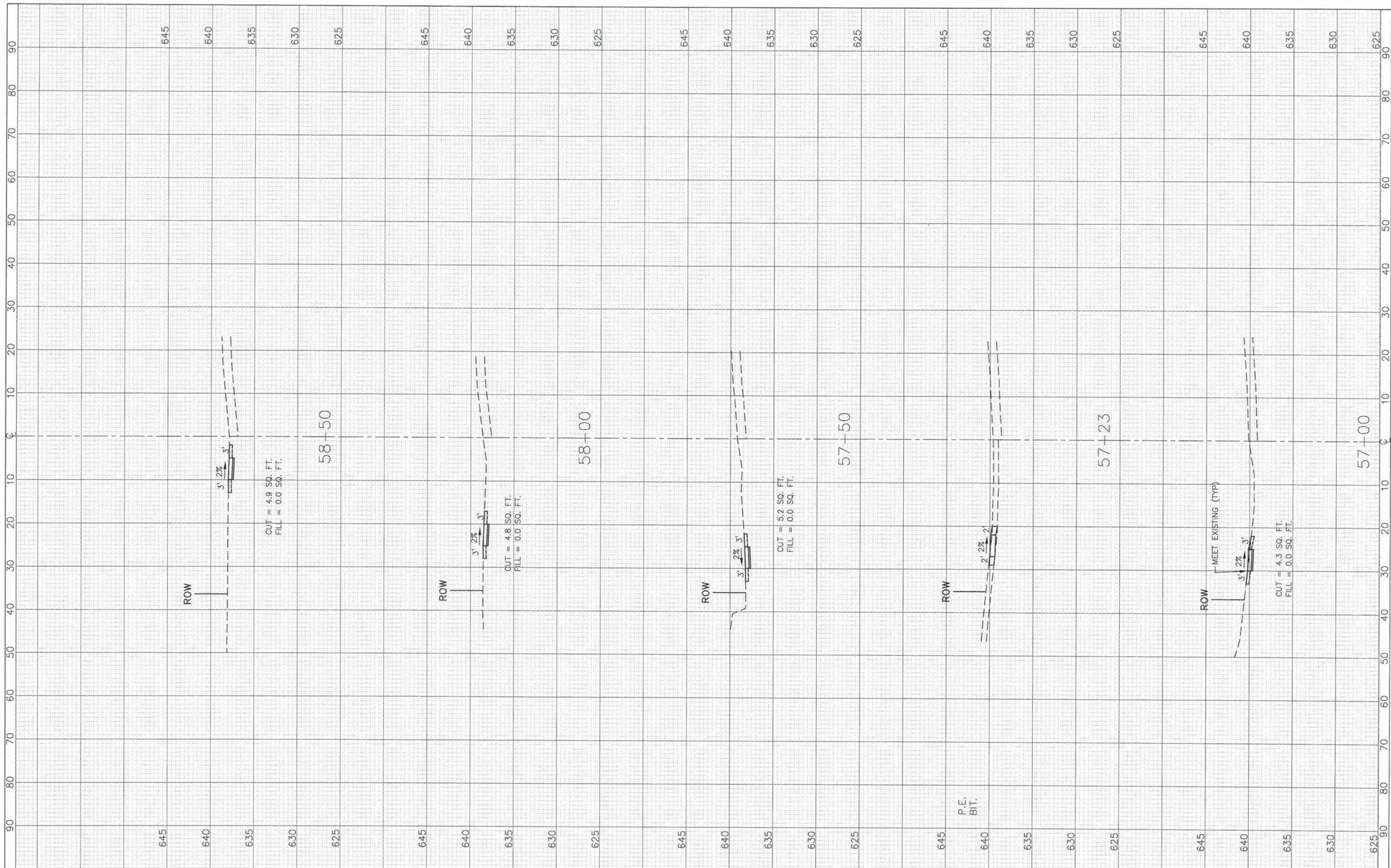
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 DATE - Nov 16, 2013

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 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 11th STREET**  
 1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 27 OF 36 SHEETS STA. 55+00 TO STA. 56+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	27
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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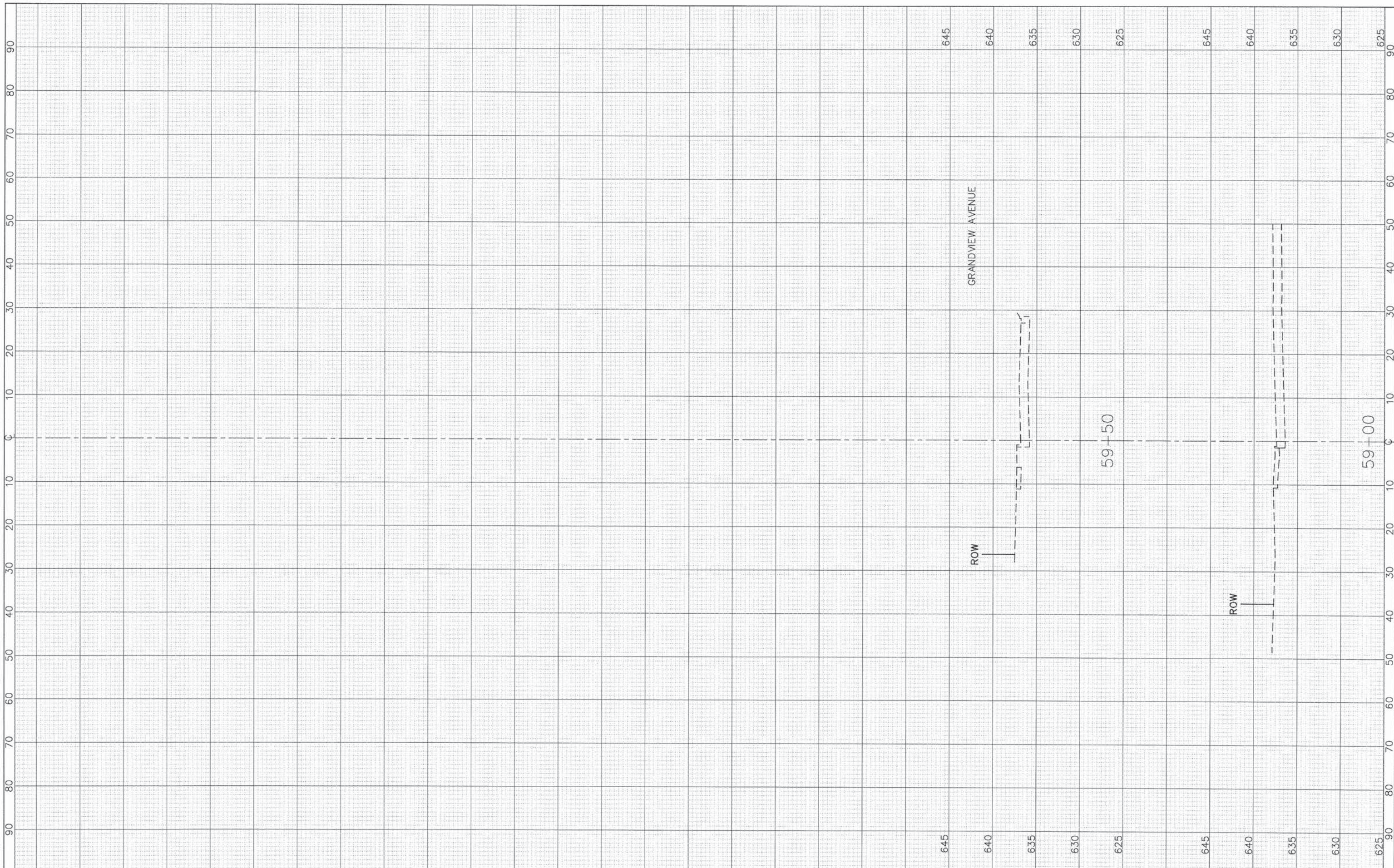
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

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**CROSS SECTIONS  
 11th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 28 OF 36 SHEETS STA. 57+00 TO STA. 58+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	28
			CONTRACT NO. 63898	
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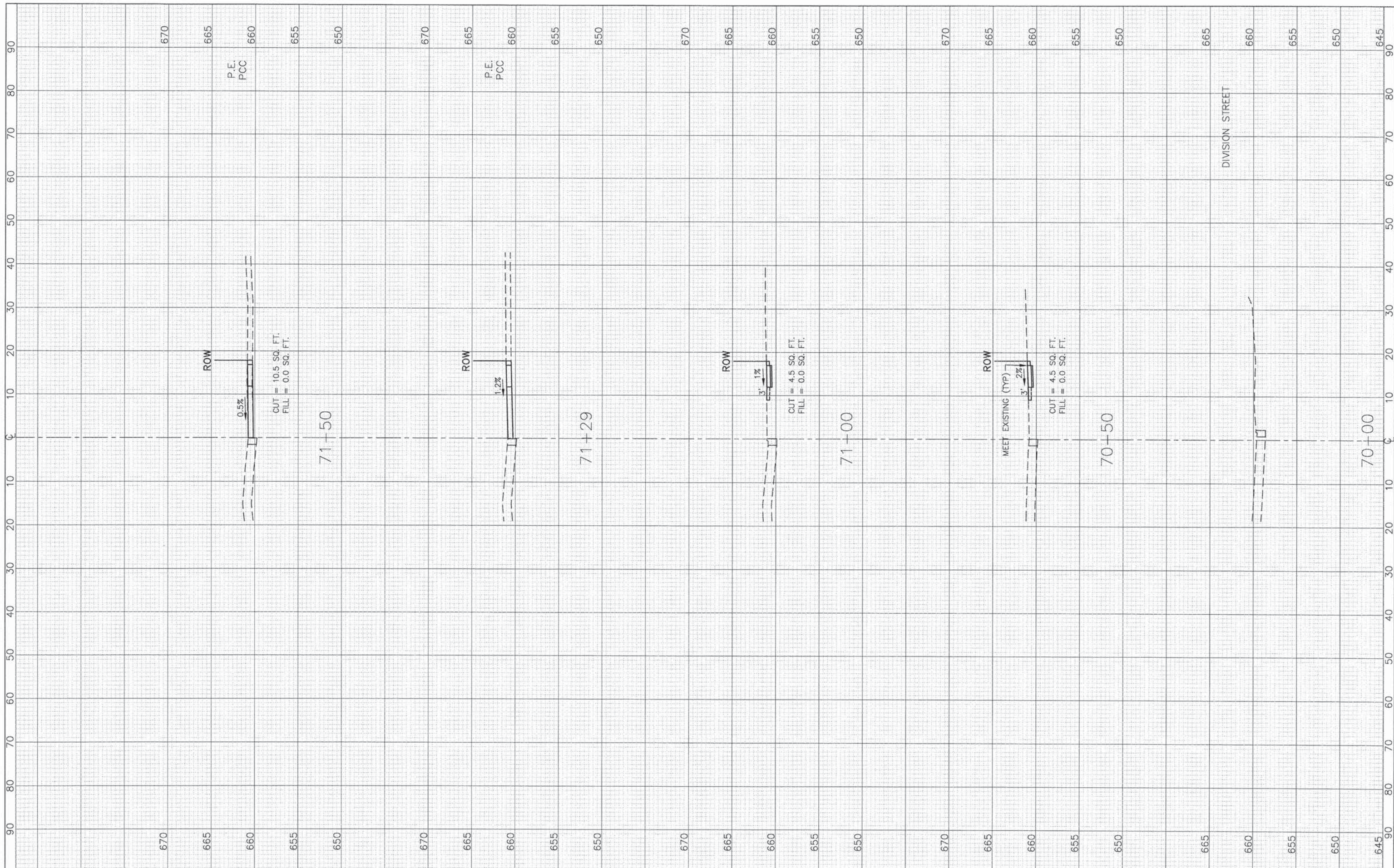
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PLOT DATE =	CHECKED -- BDH	REVISED --
	DATE -- Nov 16, 2013	REVISED --

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**CROSS SECTIONS  
 11th STREET**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 29 OF 36 SHEETS STA. 59+00 TO STA. 59+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	29
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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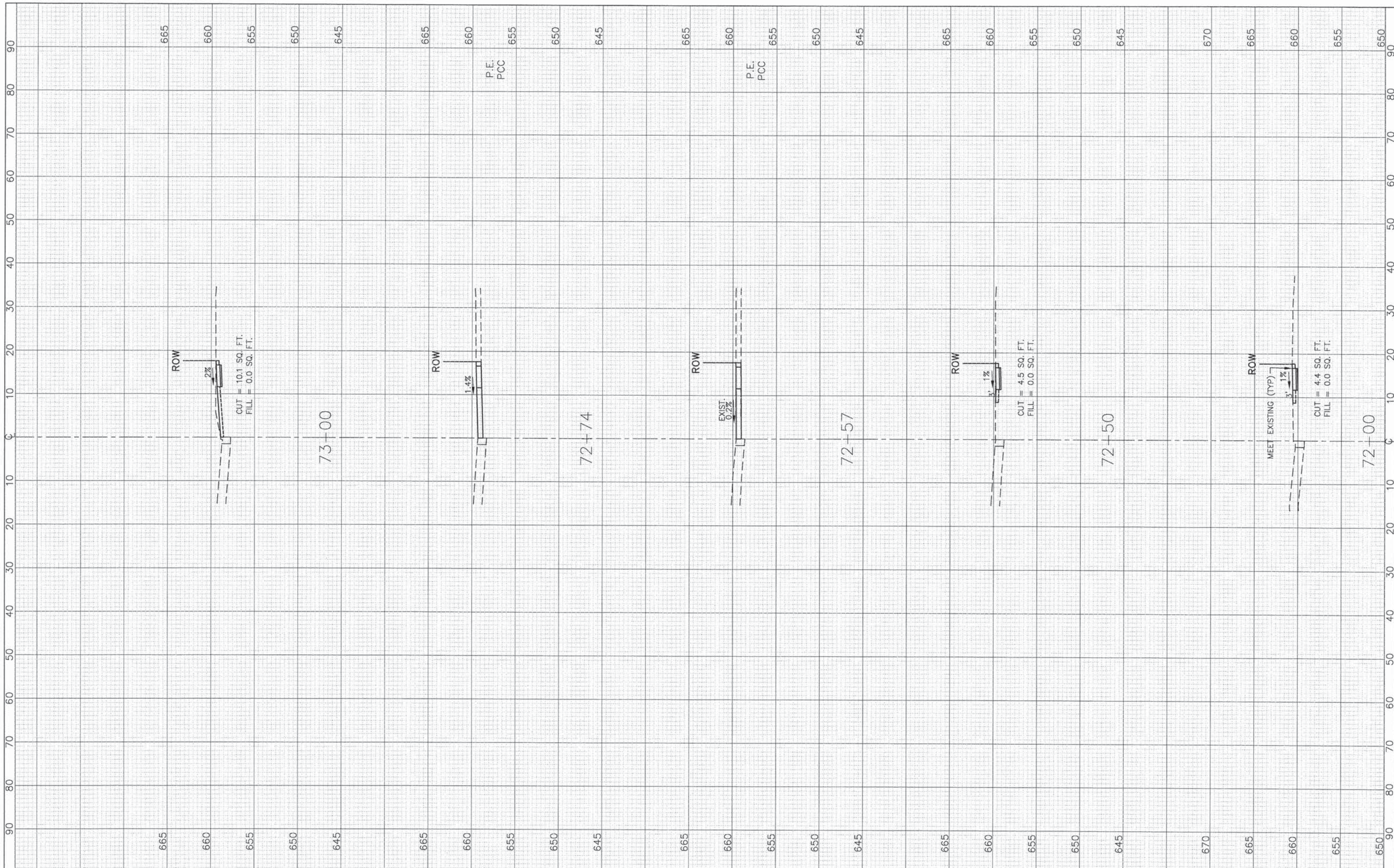
USER NAME =	DESIGNED -- BDH	REVISED --
DRAWN -- SMP	CHECKED -- BDH	REVISED --
DATE -- Nov 16, 2013		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GRANDVIEW AVENUE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 30 OF 36 SHEETS STA. 70+00 TO STA. 71+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL.	36	30
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



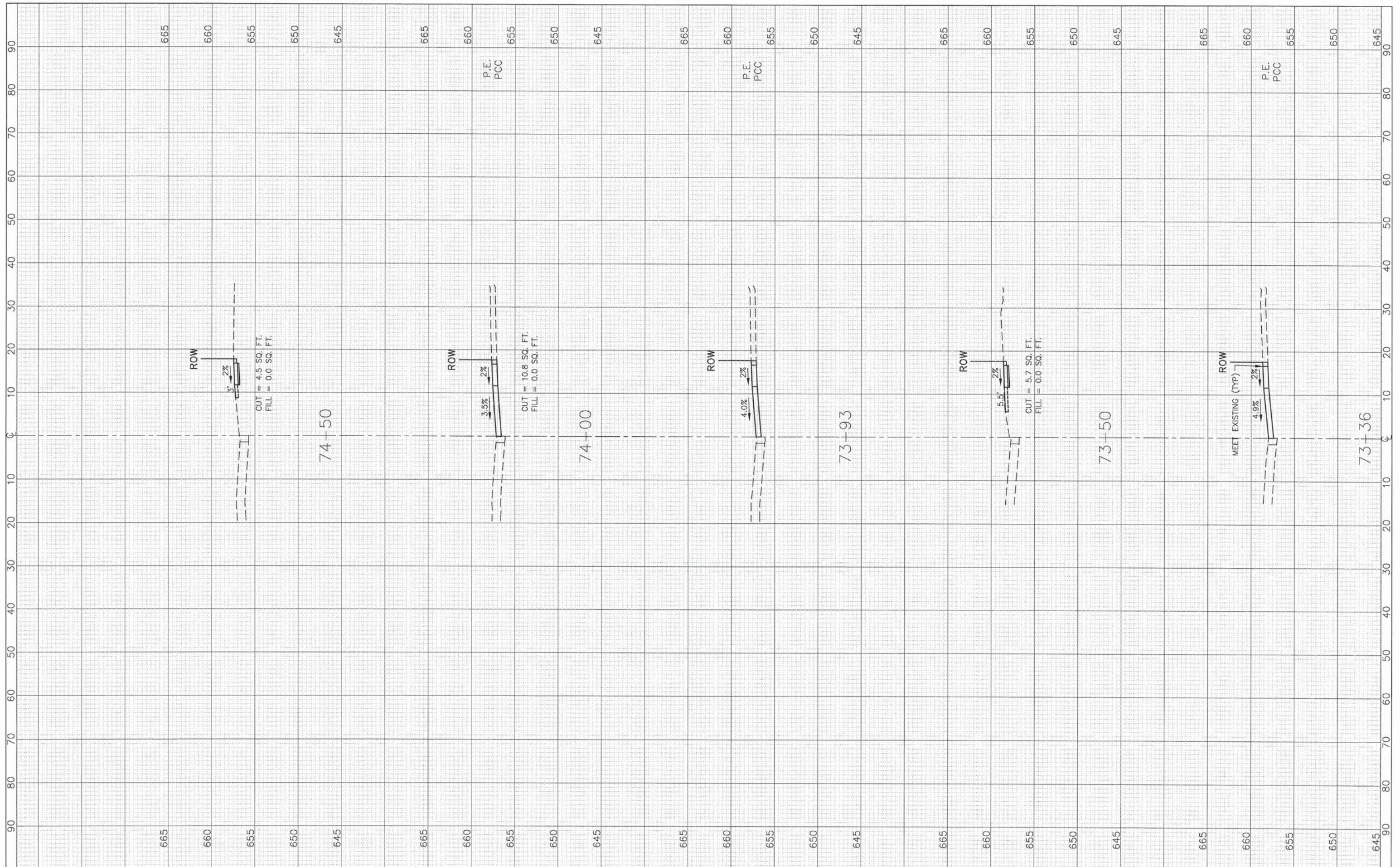
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DRAWN -- SMP	CHECKED -- BDH	REVISED --
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**CROSS SECTIONS  
 GRANDVIEW AVENUE**  
 1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 31 OF 36 SHEETS STA. 72+00 TO STA. 73+00

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	31
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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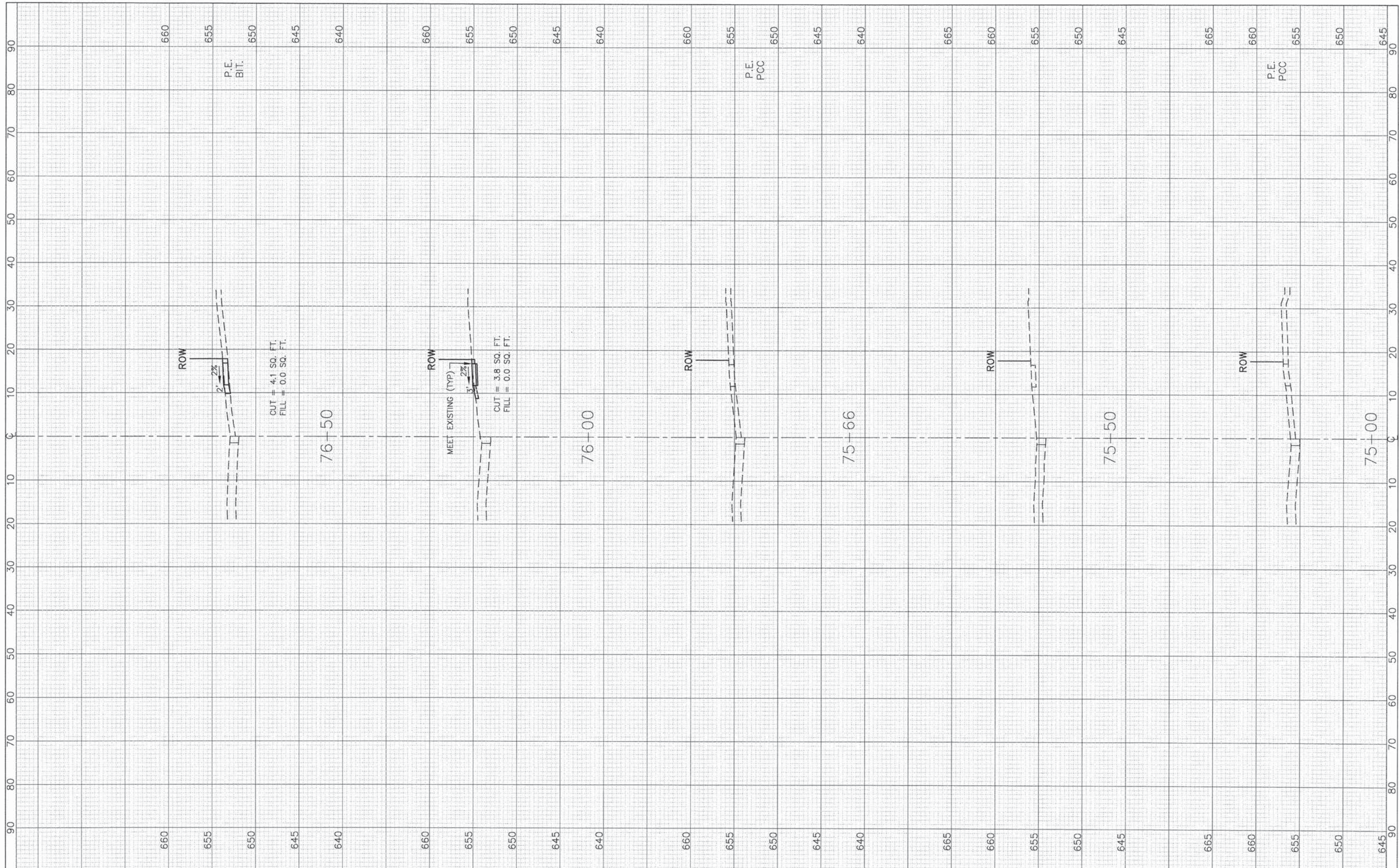
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1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 32 OF 36 SHEETS STA. 73+36 TO STA. 74+50

**CROSS SECTIONS  
 GRANDVIEW AVENUE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	32
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	





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	DATE -- Nov 16, 2013	REVISED --

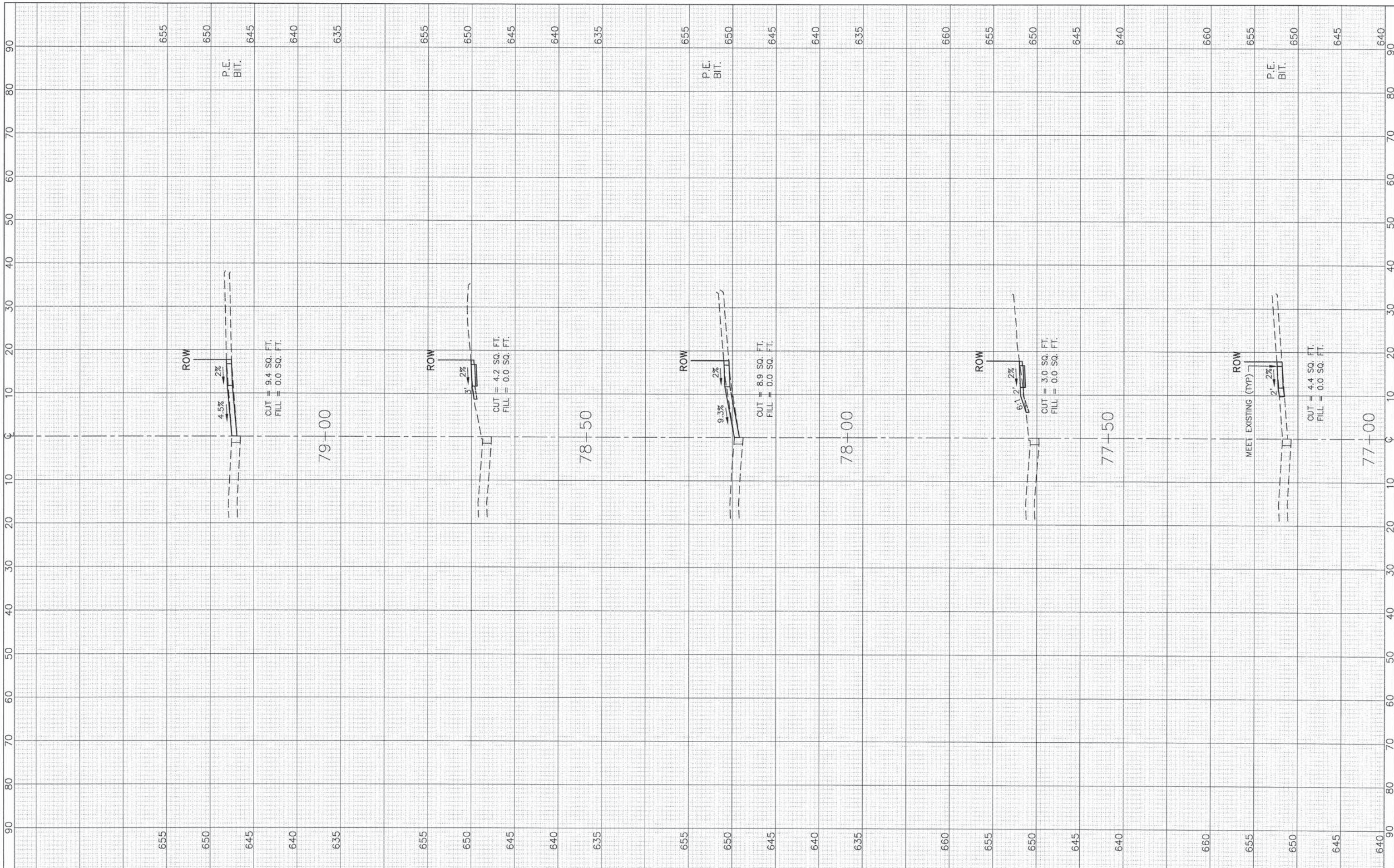
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GRANDVIEW AVENUE**

1"=10' HOR.  
 SCALE: 1"=5' VERT.

SHEET NO. 33 OF 36 SHEETS      STA. 75+00 TO STA. 76+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	33
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	



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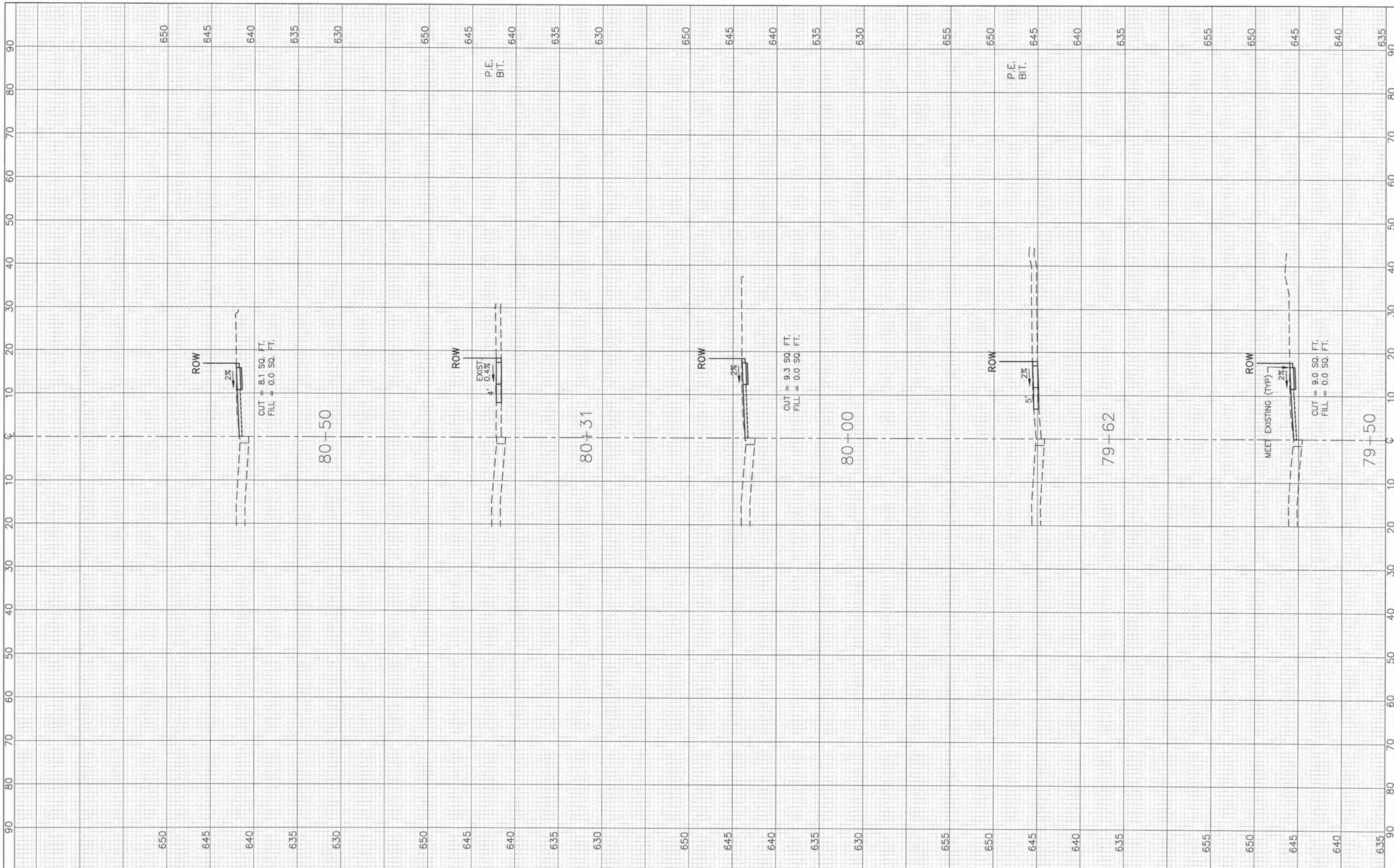
**STATE OF ILLINOIS  
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**CROSS SECTIONS  
 GRANDVIEW AVENUE**

1"=10' HOR.  
 SCALE: 1"=5' VERT.

SHEET NO. 34 OF 36 SHEETS  
 STA. 77+00 TO STA. 79+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL.	36	34
			CONTRACT NO. 63898	
ILLINOIS FED. AID PROJECT				



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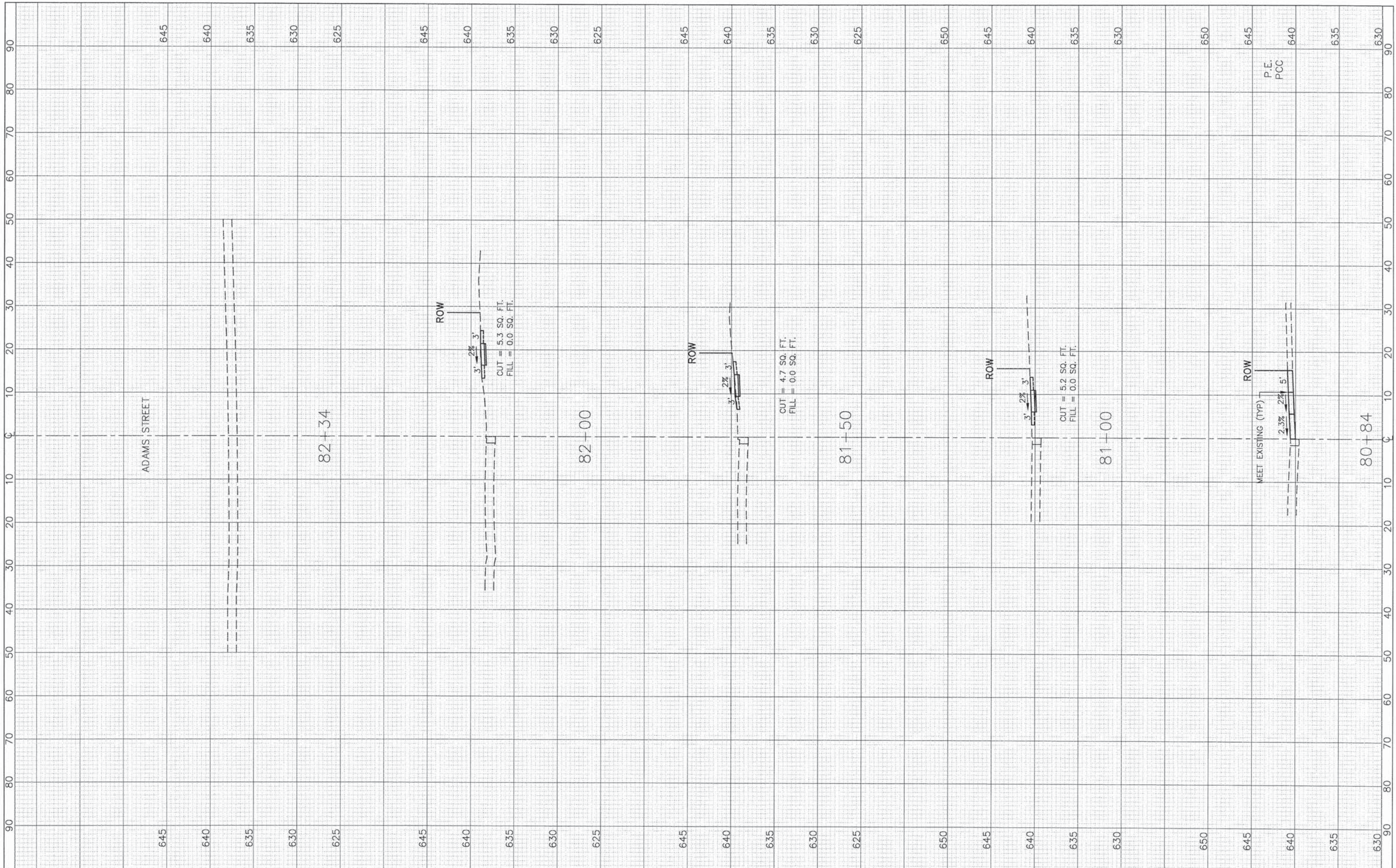
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DRAWN -- SMP	CHECKED -- BDH	REVISED --
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**CROSS SECTIONS  
 GRANDVIEW AVENUE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 35 OF 36 SHEETS STA. 79+50 TO STA. 80+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	35
CONTRACT NO. 63898				
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**CROSS SECTIONS  
 GRANDVIEW AVENUE**

1"=10' HOR.  
 SCALE: 1"=5' VERT. SHEET NO. 36 OF 36 SHEETS STA. 80+84 TO STA. 82+34

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	12-00077-00-SW	WILL	36	36
CONTRACT NO. 63898			ILLINOIS FED. AID PROJECT	

P.E.  
PCC