

FAU RTE. 6658	SECTION 10N	COUNTY PEORIA ILLINOIS	TOTAL SHEETS 120	SHEET NO. 1
CONTRACT NO. 68A70				

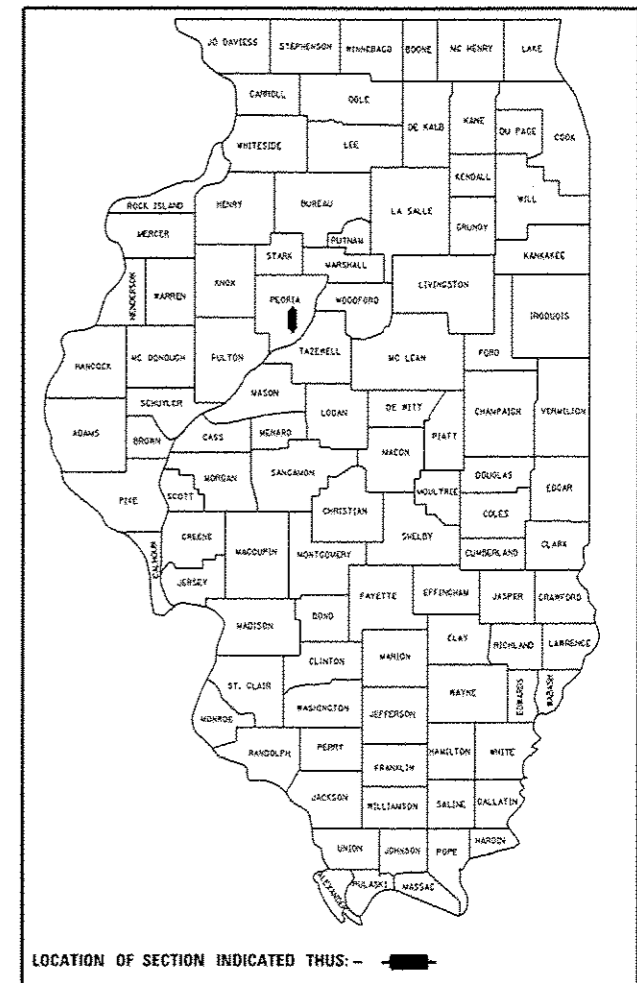
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAU ROUTE 6658 IL (FARMINGTON RD)
SECTION 10N
PROJECT ACM-ACHSIP-6658(005)
SAFETY PROJECT
PEORIA COUNTY

D-94-014-12

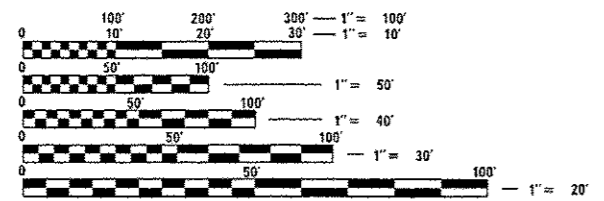


HIGHWAY STANDARDS

280001-07	602601-03	701606-09	873001-02
424001-07	604036-02	701701-09	877001-05
442201-03	604041-02	701901-03	877011-05
542301-03	606001-05	704001-07	878001-09
542401-01	664001-02	780001-04	880006-01
602301-04	701006-05	781001-03	886001-01
602306-03	701501-06	805001-01	886006-01
602401-03	701502-06	814001-02	BLR21
602411-04	701601-09	814006-02	
602416-04	701602-07	857001-01	

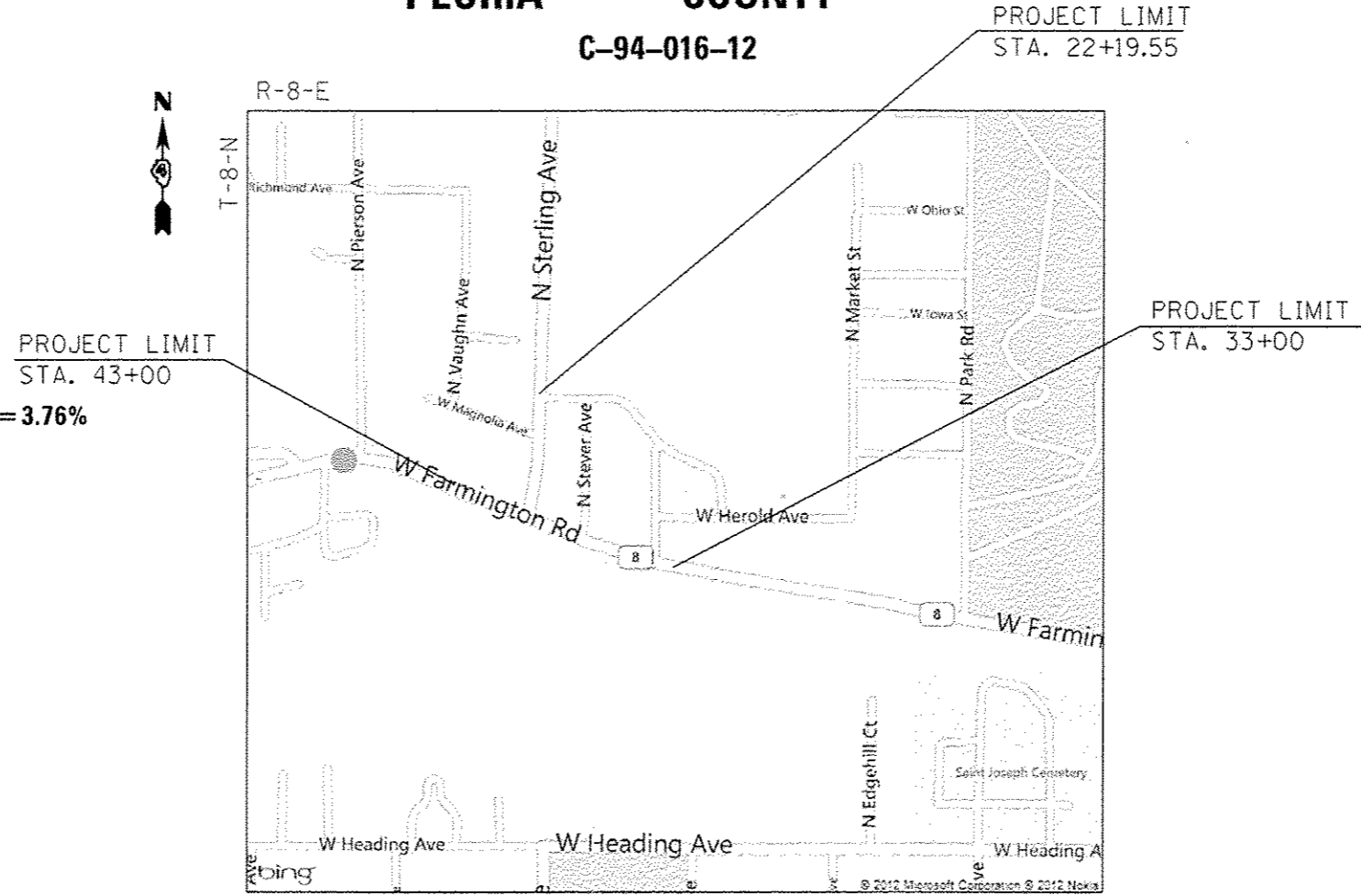
ADT

IL 8-FARMINGTON RD. = 5,700 MU=0.57% SU=3.76%
STERLING AVE. = 15,000 MU=1.16% SU=3.97%



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



GROSS LENGTH = 1,549 FT. = 0.29 MILE
NET LENGTH = 1,549 FT. = 0.29 MILE

PROJECT ENGINEER RICH DOTSON 671-3455
PROJECT MANAGER ANNA GHIDINA 671-3474
CATALOG NO. 034724-00D
CONTRACT NO. 68A70

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 16 2013

Joseph Elwood
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 2013

Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

Micro Station and GEOPAK files of this project will be made available to the Contractor. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

UTILITIES – LOCATIONS /INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown — all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

TREE REMOVAL – UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U. S. G. S. mean sea level datum.
2. All elevations shown refer to U. S. G. S. datum at mean sea level unless otherwise noted.

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent side roads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

TEMPORARY MATERIAL REQUIREMENTS – UTILITY AND DRIVEWAY CROSSINGS

Incidental hot-mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

CLEARING

At locations where clearing is indicated on the plans beyond the limits of the proposed excavation or embankment, the Contractor shall restore the disturbed earth by blading and shaping to blend with the adjacent ground. The clearing will not be paid for separately but shall be included in the cost of excavation pay items in the plans. Payment for reseeded or resodded will be as provided in the plans.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- Color photographs depicting the use area
- Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

AGGREGATE (SHOULDER AND SUBBASE), TYPE B

Aggregate (Shoulder and Subbase), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * 2, 3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- * Multi-Lane Divided Roadways – outside edge of pavement in both directions
- * Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.10 gal/sy (0.0004 ton/sy)	0.05 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

TAPER REMOVAL FRAME & GRATES ADJUSTED BY OTHERS

At locations where frames and grates have previously been adjusted by others and they are surrounded by hot-mix asphalt tapers, the Contractor for this contract shall remove and dispose of the hot-mix asphalt taper material prior to the placement of the hot-mix asphalt surface course. This work will not be paid for separately, but will be considered as included in the cost of the HOT-MIX ASPHALT SURFACE COURSE pay item.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e): All of the telephone lines provided shall have unpublished numbers.

SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

TRAFFIC COUNTER LOOP DETECTOR INSTALLATION

The Resident Engineer and/or Contractor shall notify the Traffic Studies Technician in Program Development at least one week prior to the installation to determine exact location.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

FILE NAME *	USER NAME * aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\aubreygs\d0318674\046	070-shr-cover.dgn	DRAWN -	REVISED -			6658	10N	PEORIA	120	2	
Default	PLOT SCALE * 40.0000 "/ in.	CHECKED -	REVISED -			CONTRACT NO. 68A70		ILLINOIS FED. AID PROJECT			
	PLOT DATE * 10/16/2013	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

STATUS OF UTILITES

Ameren Illinois (Gas)

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Farmington Rd.	30' to 40' Rt	39+50 to 33+75	2" to 12" Steel & Plastic gas line	New curb & Sidewalk and Inlets	Relocate
Farmington Rd.	52' to 180' Lt	39+42 to 39+30	Gas Line	Ditch Cut	Caution

Ameren Illinois (Electric)

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Farmington Rd.	43' Rt.	35+42	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	38' Rt.	36+85	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	43' Rt.	37+35	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	42' Rt.	37+97	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	44' Rt.	38+88	Power Pole	Storm Sewer & Sidewalk	Relocate

Comcast

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Farmington Rd.	43' Rt.	35+42	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	38' Rt.	36+85	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	43' Rt.	37+35	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	42' Rt.	37+97	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	44' Rt.	38+88	Power Pole	Storm Sewer & Sidewalk	Relocate

AT&T

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Farmington Rd.	43' Rt	35+42	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	38' Rt	36+85	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	43' Rt	37+35	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	42' Rt	37+97	Power Pole	Storm Sewer & Sidewalk	Relocate
Farmington Rd.	44' Rt	38+88	Power Pole	Storm Sewer & Sidewalk	Relocate
Sterling Rd.	64' Lt	22+19 to 27+00	Buried FO & Telephone	Storm Sewer & Sidewalk	Caution

MIX DESIGN REQUIREMENTS

Location	Mainline, RT Turn Lane on IL 8, and Widening on Sterling	Widening on south side of IL 8 and HMA Shoulder 8" on Sterling and NE Quad of Rhodora	HMA Shoulder 8" NE Quad of Rhodora and Rt. Side of Sterling	Sideroads and Driveway Pavement		
Mixture Use(s):	Polymer Surface Course	HMA Shoulder (Surface Lift)	HMA Shoulder (Lower Lifts)	Incidental Surface Course		
AC/PG:	SBS or SBR 76-22	PG 64-22	PG 64-22	PG 64-22		
RAP% (Max): **	10%	15%	25%	15%		
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50		
Mixture Composition:	IL 9.5 or IL12.5	IL 9.5 or 12.5	IL 12.5	IL 9.5 or IL12.5		
Friction Aggregate:	Mixture E	Mixture C	N.A.	Mixture C		

Note: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

FILE NAME:	USER NAME: aubreygg	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATUS OF UTILITES AND HMA MIX REQUIREMENTS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	CHECKED: -	REVISED: -		6658	10N	PEORIA	120	3				
		DATE: -	REVISED: -		CONTRACT NO. 68A70				ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

M230U | 07POLL | M232U | 07COLL | 07A0U

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED 10% STATE	90% FED 6.7% STATE 3.3% CITY	100% CITY	80% FED 20% STATE	80% STATE 20% CITY	100% STATE	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	84				84			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32				32			
20200100	EARTH EXCAVATION	CU YD	158	128					30	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	871	830					41	
20400800	FURNISHED EXCAVATION	CU YD	258				127		131	
20800150	TRENCH BACKFILL	CU YD	291				226		65	
21101615	TOPSOIL FURNISH & PLACE, 4"	SQ YD	1202				777		425	
21400100	GRADING AND SHAPING DITCHES	FOOT	519				519			
25000110	SEEDING, CLASS 1A	ACRE	0.6				0.3		0.3	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	54				27		27	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	54				27		27	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	54				27		27	
25100115	MULCH, METHOD 2	ACRE	0.6				0.3		0.3	
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	134				134			

X SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED 10% STATE	90% FED 6.7% STATE 3.3% CITY	100% CITY	80% FED 20% STATE	80% STATE 20% CITY	100% STATE	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240				120	120		
28000315	AGGREGATE DITCH CHECKS	TON	9				9			
28000500	INLET AND PIPE PROTECTION	EACH	6				6			
28000510	INLET FILTERS	EACH	13				13			
28100105	STONE RIPRAP, CLASS A3	SQ YD	43				36	7		
28100107	STONE RIPRAP, CLASS A4	SQ YD	231				231			
28200200	FILTER FABRIC	SQ YD	274				267	7		
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	115	115						
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	2161	2161						
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	1801	1801						
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	94	94						
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	49				49			
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	85				85			
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	4.7	4.7						

X SPECIALTY ITEM

FILE NAME : c:\pwork\pedit\aubreygs\0310674\046	USER NAME : aubreygs	DESIGNED : -	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE. 6658	SECTION ION	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 5
PLOT SCALE : 100.0000' / 1"	DRAWN : -	CHECKED : -	REVISED : -			CONTRACT NO. 68A70				
PLOT DATE : 10/16/2013	DATE : -	REVISED : -	ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED 10% STATE	90% FED 6.7% STATE 3.3% CITY	100% CITY	80% FED 20% STATE	80% STATE 20% CITY	100% STATE	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1529	1245				284		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	70				49	21		
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SQ YD	44	44						
48203100	HOT - MIX ASPHALT SHOULDERS	TON	143.1	143.1						
50105220	PIPE CULVERT REMOVAL	FOOT	115				115			
54213699	PRECAST REINFORCED FLARED END SECTIONS 54" <i>CONCRETE</i>	EACH	1				1			
542A0259	PIPE CULVERTS, CLASS A, TYPE 1 54"	FOOT	15				15			
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1	1						
60219100	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 9 FRAME AND GRATE	EACH	1	1						
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1						
60500040	REMOVING MANHOLES	EACH	1	1						
60500060	REMOVING INLETS	EACH	3	3						

X SPECIALTY ITEM

FILE NAME : c:\pwwork\pwwork\subreggs\03106741046	USER NAME : subreggs A70-shs-cover.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE. 6658	SECTION ION	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 7
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	CONTRACT NO. 68A70							
PLOT DATE = 10/16/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED	90% FED	100% CITY	80% FED	80% STATE	100% STATE	
				10% STATE	6.7% STATE 3.3% CITY		20% STATE	20% CITY		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	594	594						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	359					359		
X 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1913				1913			
X 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1				1			
X 66900530	SOIL DISPOSAL ANALYSIS	EACH	1				1			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8				8			
67100100	MOBILIZATION	L SUM	1				1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	65				65			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12				12			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7615				7615			
X 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	9319				9319			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5556				5556			
X 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150				150			

X SPECIALTY ITEM

FILE NAME =	USER NAME = aubreyg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
el:\pwwork\pwwork\aubreyg\0318674\046	A70-sht-cover.dgn	DRAWN -	REVISED -			6658	10N	PEORIA	120	8
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -				CONTRACT NO. 68A70				
PLOT DATE = 10/16/2013	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

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				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED	90% FED	100% CITY	80% FED	80% STATE	100% STATE	
				10% STATE	6.7% STATE 3.3% CITY		20% STATE	20% CITY		
X 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5518				5518			
X 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	210				210			
X 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	823				823			
X 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	545				545			
X 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	84				84			
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	76				76			
	78300100 PAVEMENT MARKING REMOVAL	SQ FT	1273				1273			
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	72				72			
X 80500200	SERVICE INSTALLATION, TYPE B	EACH	1		1					
X 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	414		414					
X 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	205		205					
X 81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	145		145					
X 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4		4					
X 81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1					

X SPECIALTY ITEM

FILE NAME *	USER NAME * aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\aubreygs\0318074\046	A78-shi-00-var.dgn	DRAWN -	REVISED -			6658	10N	PEORIA	120	9	
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -			CONTRACT NO. 68A70					
	PLOT DATE = 10/16/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED 10% STATE	90% FED 6.7% STATE 3.3% CITY	100% CITY	80% FED 20% STATE	80% STATE 20% CITY	100% STATE	
X 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1		1					
X 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1					
X 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1		1					
X 88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	5		5					
X 88600100	DETECTOR LOOP, TYPE I	FOOT	578		578					
X 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1					
X 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1		1					
X 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1					
89502380	REMOVE EXISTING HANDHOLE	EACH	5		5					
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	1	4					
X X0326812	CAT 5 ETHERNET CABLE	FOOT	158.5		158.5					
X X0326905	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1		1					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	10570	10570						
X4402800	ISLAND PAVEMENT REMOVAL	SQ YD	38	38						

X SPECIALTY ITEM

FILE NAME *	USER NAME * aubreygs	DESIGNED *	REVISED *
c:\pwork\pvidot\aubreygs\d2310674\046	A78-ah1-over.dgn	DRAWN *	REVISED *
	PLOT SCALE * 100.0000 ** / in.	CHECKED *	REVISED *
	PLOT DATE * 10/16/2013	DATE *	REVISED *

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	ION	PEORIA	120	11
			CONTRACT NO. 68A70	
[ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0021 SAFETY	0021 TRAFFIC SIGNAL	0021 OVERHEAD LIGHTING	0004 ROADWAY	0004 ROADWAY	0004 ROADWAY	
				90% FED 10% STATE	90% FED 6.7% STATE 3.3% CITY	100% CITY	80% FED 20% STATE	80% STATE 20% CITY	100% STATE	
X0327680	TRENCH DRAIN	FOOT	6				6			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1				1			
X Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1		1					
Z0034105	MATERIAL TRANSFER DEVICE	TON	619.5				619.5			
Z0056644	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	13				13			
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	8				8			
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	78				78			
Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	680				236	444		
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	271				271			
Z0056675	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 30"	FOOT	150				150			

10 x SPECIALTY ITEM

FILE NAME #	USER NAME = subreggs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\subreggs\0318671\046	A7B-shl-cover.dgn	DRAWN -	REVISED -			6658	10N	PEORIA	120	13	
	PLOT SCALE = 100,0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 68A70					
	PLOT DATE = 10/16/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TREE REMOVAL (6 TO 15 UNITS DIA.)	
LOCATION	UNIT
FARMINGTON RD.	
	12.00
	13.00
DRAINAGE DITCH BY KOENIG ON LT. SIDE OF ROAD	12.00
	11.00
	12.00
	14.00
	10.00
TOTAL	84

TREE REMOVAL (OVER 15 UNITS DIA.)	
LOCATION	UNIT
FARMINGTON RD.	
DRAINAGE DITCH BY KOENIG ON LT. SIDE OF ROAD	32
TOTAL	32

TOPSOIL & SEEDING SUMMARY								
LOCATION	TOPSOIL FURNISH & PLACE, 4"	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	TEMP. EROS. CNTL. SEED.	HEAVY DUTY EROSION CONTROL BLANKET
	SQ. YD.	ACRE	POUND	POUND	POUND	ACRE	POUND	SQ. YD.
IL 8 - FARMINGTON RD								
RT. STA. 32+11 TO 33+57	374.2	0.08	7.2	7.2	7.2	0.08	32	
LT. STA. 33+75 TO 35+59		0.03	2.7	2.7	2.7	0.03	12	
RT. STA. 37+38 TO 38+20	133.9	0.03	2.7	2.7	2.7	0.03	12	133.9
LT. STA. 39+08 TO STA. 39+44	269.5	0.06	5.4	5.4	5.4	0.06	24	
STERLING AVE.								
LT. STA. 22+19.55 TO 26+86.89 (city participation)	367.7	0.28	25.2	25.2	25.2	0.28	112	
RT. STA. 22+19.55 TO 23+13.18 (city participation)	57	0.02	1.8	1.8	1.8	0.02	8	
RT. STA. 23+50 TO 26+25		0.1	9	9	9	0.1	40	
TOTAL	1202	0.6	54	54	54	0.6	240	134

EARTHWORK SUMMARY				
LOCATION	GRADING & SHAPING DITCHES	EARTH EXCAVATION (WIDENING)	EARTH EXCAVATION	FURNISHED EXCAVATION
	FOOT	CU YD	CU YD	CU YD
IL 8 - FARMINGTON RD.				
RT. STA. 33+00 TO 33+46	60			
LT. STA. 33+75 TO 35+59	184			
LT. STA. 33+50 TO 42+93***		430		
RT. STA. 33+82.66 TO 39+00***		359		
LT. STA. 39+29				100
RT. STA. 39+00 TO LT. STA. 26+00 (STERLING)***		41	3.5	15.8
RT. STA. 34+00 TO 36+91.35***			34	12
RT. STA. 37+38.52 TO 39+00***			35.7	
STEVEY AVE.			64	
STERLING AVE.				
RT. STA. 23+50 TO 26+25	275			
RT. STA. 22+19.55 TO 22+95 (city participation)			3	16
LT. STA. 22+19.55 TO 26+00 (city participation)		41	17.4	114.6
TOTAL	519	871	158	258

***Material is considered non-special waste. Cannot be reused on jobsite.

SPECIAL WASTE PLANS AND REPORT	
LOCATION	LSUM
JOBSITE	1
TOTAL	1

SOIL DISPOSAL ANALYSIS	
LOCATION	EACH
JOBSITE	1
TOTAL	1

NON SPECIAL WASTE DISPOSAL		
LOCATION	TYPE OF REMOVAL	CU YD
IL 8 - FARMINGTON RD.		
RT. STA. 33+80 TO 35+40	STORM SEWER TRENCH	206
LT. STA. 33+50 TO 42+93	WIDENING	430
RT. STA. 34+00 TO 37+80	WIDENING	290
LT. STA. 35+55 TO 36+80	STORM SEWER TRENCH	83
RT. STA. 37+10 TO 38+85	STORM SEWER TRENCH	278
STA. 38+40	STORM SEWER TRENCH	59
LT. STA. 38+40 TO 39+29	STORM SEWER TRENCH	137
RT. STA. 37+80 TO LT. STA. 24+50 (STERLING)	WIDENING	142
LT. STA. 39+29	EARTH EX	151
RT. STA. 34+00 TO 36+91.35	EARTH EX	34
RT. STA. 37+38.52 TO 26+51.02 (STERLING)	EARTH EX	39
STEVEY AVE.	PAVMENT RECONSTRUCTION	64
TOTAL		1913

EROSION CONTROL			
LOCATION	INLET FILTERS	INLET & PIPE PROTECTION	AGG. DITCH CHECKS
	EACH	EACH	TON
IL 8-FARMINGTON RD.			
RT. STA. 32+34		1	
RT. STA. 34+25	1	1	
RT. STA. 35+40	1		
RT. STA. 36+63	1		
RT. STA. 37+60	1	1	
RT. STA. 38+40	1		
LT. STA. 39+29.42		1	8.7
STERLING AVE.			
LT. STA. 22+32	1		
RT. STA. 22+65.86	1		
RT. STA. 22+72.90	1		
LT. STA. 24+80	1		
LT. STA. 26+27.40	1		
LT. STA. 26+54.93		1	
STEVER AVE.			
RT. STA. 10+65.94	1		
RT. STA. 10+58		1	
LT. STA. 10+54.64	1		
RHODORA AVE.			
LT. STA. 10+48.07	1		
TOTAL	13	6	9

TRENCH BACKFILL	
LOCATION	CU YD
IL 8 (FARMINGTON ROAD)	
RT. STA. 34+25 TO 35+40	45.8
RT. STA. 36+63 TO 37+60	27.7
RT. STA. 37+60 TO 38+40	25
STA. 38+40	48.7
RT. STA. 38+40 TO 38+85	8.3
LT. STA. 38+40 TO 38+85	36.3
RHODORA	
10+44.97 TO 10+48.07	25.9
STEVER	
STA. 10+54.64 TO 10+65.94	8.3
STERLING AVE. (city participation)	
LT. STA. 22+32 TO 24+80	35.2
LT. STA. 24+80 TO 26+27.40	23.5
STA. 26+27.40	5.8
TOTAL	291

LOCATION	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC
	SQ. YD.	SQ. YD.	SQ. YD.
IL 8			
RT. STA. 37+57 TO 37+72	23.6		23.6
LT. 39+29.42 DRAINAGE DITCH		231	231
STERLING AVE.			
RT. STA. 22+65.87 (city participation)	7.4		7.4
LT. STA. 26+47.68 TO 26+65.75	12.3		12.3
TOTAL	43	231	274

PAVEMENT WIDENING SCHEDULE

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE B 12"		P.C.C. BASE COURSE 8"	P.C.C. BASE COURSE WIDENING 8"
	SQ. YD.		SQ. YD.	SQ. YD.
IL 8-FARMINGTON ROAD				
LT. 33+50.00	TO	LT. 43+00.00	916.3	863.2
RT. 33+82.66	TO	RT. 34+15.29	62.2	52.5
RT. 34+15.29	TO	RT. 38+03.04	650.5	565.7
RT. 38+03.04	TO	RT. 38+94.75	71.1	49.9
STERLING AVE.				
LT. 24+50.08	TO	LT. 25+71.09	86.7	44.4
LT. STA. 25+71.09	TO	RT. 38+94.75 (IL8)	213.4	167.9
STEVER				
STA. 10+33	TO	STA 10+71.68	160.8	151.6
TOTAL			2161	1801

LOCATION	HIGH-EARLY-STRENGTH PCC PAVEMENT, 10" SQ YD.	SUB-BASE GRANULAR MATERIAL, TYPE B 6" SQ YD.
STERLING AVE.		
OLD ISLAND	38	38
OLD MEDIAN	77	77
TOTAL		
	115	115

AGGREGATE SURFACE COURSE, TYPE B	
LOCATION	TON
IL 8 (FARMINGTON RD.)	
LT. STA. 38+85 TO 39+50 (6" depth)	49.3
TOTAL	
	49

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7"

LOCATION	SQ YD.
IL 8 (FARMINGTON RD.)	
RT. STA. 35+05.76	78.7
RT. STA. 35+40	26.4
RT. STA. 35+71.34	72.5
TOTAL	
	178

AGGREGATE FOR TEMPORARY ACCESS

LOCATION	APPLICATIONS	TON
5 Business @ 8.5 tons per entrance	2	85
TOTAL		85

PORTLAND CEMENT CONCRETE SIDEWALK 4"

LOCATION	SQ FT
IL 8 (FARMINGTON RD.)	
RT. STA. 33+91.00 (IL 8) TO RT. STA. 34+74.34 (IL 8)	582
RT. STA. 36+02.64 (IL 8) TO RT. STA. 36+91.33 (IL 8)	586.7
RT. STA. 37+39.04 (IL 8) TO LT.26+56.18 (STERLING)	1066
STERLING AVE.	
LT. STA. 22+19.55 TO LT STA. 26+56.18 (city participation)	3108
RT. STA. 22+19.55 TO 22+94.38 (city participation)	506
TOTAL	
	5849

DETECTABLE WARNINGS

LOCATION	SQ FT
IL 8 (FARMINGTON RD.)	
RT. STA. 33+92.80	14
RT. STA. 36+83.70	37
RT. STA. 37+45.31	24
STERLING AVE.	
RT. STA. 22+94.38 (city participation)	14
TOTAL	
	75

FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -
ct:\pw\work\p\idot\aubreys\d0318674\046870-shr-cover.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	16
				CONTRACT NO. 68A70
ILLINOIS FED. AID PROJECT				

LOCATION			LENGTH	WIDTH	AREA	HMA SURF. REMOVAL VAR. DEPTH	POLY. BIT. PRIME COAT	POLY. HMA SURF. CSE, MIX "E" N70	POLY. HMA SURF. CSE, MIX "C" N50	HMA SHOULDERS	INCIDENTAL HMA SURFACING	HMA SHOULDERS 8"	HMA SURFACE REMOVAL-BUTT JOINT	MATERIAL TRANSFER DEVICE	TEMP. RAMP	CONSTRUCTING TEST STRIP
IL 8 - FARMINGTON ROAD (MAINLINE)			FOOT	FOOT	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.	TON	SQ. YD.	EACH
33+00.00	TO	33+30.00	30	VAR. 29.87 - 32.05	102.8		0.04	8.64					102.84	8.64	16.67	
33+30.00	TO	34+00.00	70	VAR. 27.6 - 31.06	228.2	228	0.09	19.17						19.17		
34+00.00	TO	34+48.61	48.61	32.9	172.6	173	0.07	14.50						14.50		
34+48.61	TO	36+00.20	152	37	588.1	588	0.24	49.40						49.40		
36+00.20	TO	37+38.20	138	36	560.2	560	0.22	47.06						47.06		
37+38.20	TO	37+56.39	18	35	72.0	72	0.03	6.05						6.05		
37+56.39	TO	38+05.08	49	47	222.2	222	0.09	18.66						18.66		
38+05.08	TO	39+03.53	98	50	529.0	529	0.21	44.44						44.44		
39+03.53	TO	40+74.34	171	49.3	945.1	945	0.38	79.39						79.39		
40+74.34	TO	41+16.13	42	41.0	207.4	207	0.08	17.43						17.43		
41+16.13	TO	42+69.96	154	40	686.7	687	0.27	57.68						57.68		
42+70.00	TO	43+00.00	30	56	175.2		0.07	14.72					175	14.72	16.67	
BUILD UP AREA																
LT. 33+50	TO	35+50	200	VARIABLE				14.00								
STERLING AVENUE (MAINLINE)																
22+19.55	TO	22+49.56	30	79	216		0.09	18.11					264	18.11	16.67	
22+49.56	TO	22+94.78	45	64.1 - 61.06	315	315	0.13	26.47						26.47		
22+94.78	TO	23+58.97	64	61.06 - 54.1	413	413	0.17	34.66						34.66		
23+58.97	TO	24+67.22	108	54.1 - 46.6	592	592	0.24	49.77						49.77		
24+67.22	TO	25+82.37	115	46.6 - 42.79	564	564	0.23	47.36						47.36		
25+82.37	TO	26+17.22	35	42.79 - 49.2	175	175	0.07	14.69						14.69		
26+17.22	TO	27+03.07	86	49.2 - 170.8	713	713	0.29	59.90						59.90		
IL 8-FARMINGTON ROAD WIDENING																
LT. 33+50.00	TO	LT. 43+00.00	950		863	863	0.22		72.51	143.10						
IL 8-FARMINGTON ROAD WIDENING																
RT. 34+00.00	TO	RT. 34+48.61	49	VAR. 10.9 - 10.5	48		0.01	6.66								
RT. 34+48.61	TO	RT. 36+00.20	152	VAR. 10.5 - 14.2	215		0.05	30.07								
RT. 36+00.20	TO	RT. 37+38.20	138	VAR. 14.2 - 15.7	225		0.05	31.50								
RT. 37+38.20	TO	RT. 37+56.39	18	VAR. 15.7 - 16.3	33		0.01	4.59								
RT. 37+56.39	TO	RT. 38+05.08	49	VAR. 16.4 - 5.4	61		0.01	8.54								
RT. 38+05.08	TO	RT. 39+03.53	98	VAR. 5.4 - 8.9	56		0.01	7.78								
STERLING AVE. WIDENING																
LT. 24+50.08	TO	LT. 25+82.37	132	0 - 6.9	53		0.01	7.45								
LT. 25+82.37	TO	LT. 26+17.22	35	6.9 - 9.1	52		0.01	7.24								
LT. 26+17.22	TO	LT. 27+03.07	86	VARIES	121		0.03	17.00								
RESURF. SHOULDERS (IL 8)																
RT. 40+74.34	TO	RT. 41+16.13	42	2.2 - 6	16	16	0.01		1.37							
RT. 41+16.13	TO	RT. 42+69.96	154	6.0	103	103	0.04		8.62							
LT. 33+30.00	TO	LT. 33+50.00	20	4.46- 4.9	11	11	0.00		0.90							
NEW SHOULDER (IL 8)																
RT. 33+00.00	TO	RT. 33+53.29	VARIES	7 AND VARIES	44							44				
RESURF. SHOULDERS (STERLING AVE.)																
RT. 23+58.97	TO	RT. 24+67.22	108	8.0	868	868	0.35		72.89							
RT. 24+67.22	TO	RT. 25+82.37	115	8.1 - 8.65	903	903	0.36		75.84							
RT. 25+82.37	TO	RT. 26+17.22	35	8.65 - 5.2	267	267	0.11		22.45							
RT. 26+17.22	TO	RT. 27+03.07	86	VARIES	370	370	0.15		31.06							
SIDE ROADS																
N. RHODORA AVE. (WIDENING)				VARIES	38		0.01	7.30								
N. RHODORA AVE.				VARIES	186	186	0.07				41.61					
N. RHODORA AVE. (BUTT JOINT)				VARIES	89		0.04				7.47		89		14.67	
N. STEVER AVE.				VARIES	152		0.03				17.00					
W. MAGNOLIA AVE. (BUTT JOINT)				VARIES	168		0.07				14.13		168		35.56	
BUILD UP AREA BEHIND SIDEWALK AND DRIVEWAYS ON NORTH SIDE OF FARMINGTON RD. BETWEEN RHODORA AND STEVER					349		0.08				78.12					
DRIVEWAYS ON SOUTH SIDE OF FARMINGTON																
LT. 35+58.77	TO	LT. 38+85.00			458.53		0.10				102.71					
LT. 39+47.06	TO	41+75.00			274.09		0.06				61.40					
TOTAL						10570	4.7	770.2	285.6	143.1	322.4	44	799	619.5	84	1

PAVEMENT REMOVAL	
LOCATION	SQ YD
RHODORA AVE.	
RT. STA. 10+13.9 TO 10+33	10.10
LT. STA. 10+13.9 TO 10+48.1	29.83
STEVER	
STA. 10+18.10 TO STA. 10+71.68	220.40
TOTAL	260

DRIVEWAY PAVEMENT REMOVAL	
LOCATION	SQ YD
FARMINGTON RD.	
RT. 34+09.80 TO RT.10+71.68 (BEHIND PROP. SIDEWALK)	590.70
LT. 35+55.89 TO LT. 38+84.98	540.95
LT. 39+47.12 TO LT. 41+75.00	302.50
TOTAL	1434

COMB. CURB & GUTTER REMOVAL	
LOCATION	FOOT
FARMINGTON RD.	
LT. STA. 10+71.68 (STEVE) TO RT. STA. 39+03.55 (IL 8)	215.7
STEVE AVE.	
RT. STA. 10+39.61 TO RT. STA. 10+71.68	32.0
RHODORA AVE.	
RT. STA. 10+36.88 TO 10+68.06	31.2
TOTAL	279

MEDIAN REMOVAL	
LOCATION	SQ. FT.
STERLING AVE.	
STA. 25+93.51 TO STA. 26+91.28	693.43
TOTAL	693

CHAIN LINK FENCE REMOVAL AND RE-ERECTED	
LOCATION	FT.
FARMINGTON RD.	
RT. STA. 32+34	20
TOTAL	20

PAVED SHOULDER REMOVAL	
LOCATION	SQ YD
FARMINGTON RD.	
RT. STA. 33+00 TO RT.STA. 33+51.70	35.6
RT. STA. 33+95.71 TO RT. STA. 36+95.94	389.0
LT. STA. 33+50 TO LT. STA. 43+00.0	637.2
STERLING AVE.	
LT. STA. 22+19.55 TO LT. STA. 24+67***	215.8
LT. STA. 24+67 TO LT. STA. 27+18.30	183.8
RT. STA. 22+19.55 TO RT. STA.22+94.38***	67.7
TOTAL	1529
***CITY PARTICIPATION	

CLASS D PATCHES, TYPE 3, 12"	
LOCATION	TOTAL SQ. YD.
IL 8 (FARMINGTON RD.)	
STA. 38+40 @ PROP. 30" STORM SEWER	49
STERLING AVE.	
STA. 26+34 @ 18" STORM SEWER (city participation)	21
TOTAL	70

PIPE CULVERT REMOVAL		
LOCATION	PIPE SIZE AND TYPE	FOOT
FARMINGTON RD.		
RT. 37+13.88 TO 37+55.82	PVC 8"	47.6
LT. 39+29.42 (RCC 54")	RCCP 54"	15
STEVE AVE.		
LT. 10+39.78 TO RT. 10+54.70	RCCP 12"	36.8
LT. 10+39.78 TO LT. 10+55.50	PVC 10"	15.3
TOTAL		115

REMOVING MANHOLES	
LOCATION	EACH
FARMINGTON RD.	
RT.STA.37+13.38	1
TOTAL	1

REMOVING INLETS	
LOCATION	EACH
STEVE AVE.	
RT.STA.10+54.70	1
FARMINGTON RD.	
RT.STA. 37+30.08	1
RHODORA AVE.	
RT. STA. 10+34.2	1
TOTAL	3

ISLAND PAVEMENT REMOVAL	
LOCATION	SQ YD
STERLING AVE.	
STA. 26+83	37.7
TOTAL	38
*REMOVAL AREA'S MATCH LIMITS OF EXISTING ISLANDS	

LOCATION	REMOVE EXISTING SIGN COMPLETE	REMOVE EXISTING CONCRETE FOUNDATION
	EACH	EACH
FARMINGTON RD.		
RT. STA. 36+92.83 (BEER SIGN)	1	
RT. STA. 36+84.27 (3'x3'x1')		1
SEE SIGNAL PLANS		4
TOTAL	1	5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	18
CONTRACT NO. 68A70			ILLINOIS FED. AID PROJECT	

PRECAST REINF. CONC. FLARED END SECTIONS, 54"	
LOCATION	EACH
IL 8 (FARMINGTON ROAD)	
LT. STA. 39+29.42	1
TOTAL	1

MANHOLES, TYPE A, 8'-DIAMETER TYPE 1 FRAME, CLOSED LID	
LOCATION	EACH
IL 8 (FARMINGTON ROAD)	
LT. STA. 39+29.42	1
TOTAL	1

TRENCH DRAIN	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD)	
RT. STA. 39+15	6
TOTAL	6

PIPE CULVERTS, CLASS A, TYPE 1, 54"	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD)	
LT. STA. 39+29.42	14.7
TOTAL	15

INLETS, TYPE A, WITH TYPE 8 GRATE	
LOCATION	EACH
STEVEVER	
RT. STA. 10+58	1
TOTAL	1

CLASS SI CONCRETE (OUTLET)	
LOCATION	CU.YD.
IL 8 (FARMINGTON ROAD)	
RT. STA. 39+15 @ PROP. TRENCH DRAIN	1.7
RHODORA	
RT. STA. 10+33.41 TO 10+44.49	1.2
TOTAL	3

MANHOLES, TYPE A, 4'-DIAMETER TYPE 8 GRATE	
LOCATION	EACH
IL 8 (FARMINGTON ROAD)	
RT. STA. 34+25	1
TOTAL	1

CURB & GUTTER			
LOCATION	COMB. CONC. CURB AND GUTTER, TYPE B-6.12	COMB. CONC. CURB AND GUTTER, TYPE B-6.24	CONC. GUTTER, TYPE A (SPECIAL)
	FOOT	FOOT	FOOT
IL 8-FARMINGTON ROAD			
LT. STA. 10+68 (RHODORA) TO RT. STA. 10+71.68 (STEVEVER)*	361.0		
LT. 10+71.68 (STEVEVER) TO LT. STA. 26+58.02 (STERLING)*	233.0		
STERLING			
LT. STA. 22+19.55 TO 22+24.44 (city participation)		5.7	
LT. STA. 22+38.48 TO 24+73.47 (city participation)		186.7	
LT. STA. 24+86.51 TO 26+21.85 (city participation)		83.0	
LT. STA. 26+33.36 TO 26+58.02 (city participation)		28.8	
RT. STA. 22+19.55 TO 22+59.32 (city participation)		39.9	
RT. STA. 22+79.45 TO 22+94.45 (city participation)		15.0	
RHODORA			
RT. STA. 10+44.49 TO 10+68.06			24
TOTAL	594	359	24

MANHOLES, TYPE A, 4'-DIA, TYPE 9 FRAME & GRATE	
LOCATION	EACH
RHODORA	
RT. STA. 10+48.07	1
TOTAL	1

*Casting length for inlets has been omitted from length of curb and gutter

MANHOLES, TYPE A, 5'-DIA, TYPE 1 FRAME, CLOSED LID	
LOCATION	EACH
IL 8 (FARMINGTON ROAD)	
LT. STA. 38+40	1
TOTAL	1

LOCATION	INLETS, TYPE G-1, (SPECIAL)	INLETS, TYPE G-1, DOUBLE (SPECIAL)
	EACH	EACH
STERLING		
LT. STA. 22+32*	1	
RT. STA. 22+65.86* (A) 22+79.90* (B)		1
LT. STA. 24+80*	1	
LT. STA. 26+27.40*	1	
TOTAL	3	1

MANHOLES, TYPE A, 7'-DIAMETER W/ SPECIAL FRAME & GRATE	
LOCATION	EACH
IL 8 (FARMINGTON ROAD) RT. STA. 37+60	1
TOTAL	1

MANHOLES, TYPE A, 4'-DIA, WITH SPECIAL FRAME & GRATE	
LOCATION	EACH
RHODORA LT. STA. 10+44.97	1
IL 8 (FARMINGTON ROAD) RT. STA. 34+25 RT. STA. 38+40	1 1
TOTAL	3

MANHOLES, TYPE A, 5'-DIA, WITH SPECIAL FRAME & GRATE	
LOCATION	EACH
STEVEVER LT. STA. 10+54.64	1
TOTAL	1

MANHOLES, TYPE A, 5'-DIA, TYPE 1 FRAME, CLOSED LID, SPECIAL	
LOCATION	EACH
IL 8 (FARMINGTON ROAD) RT. STA. 32+34	1
TOTAL	1

INLETS, TYPE A, WITH SPECIAL FRAME & GRATE	
LOCATION	EACH
IL 8 (FARMINGTON ROAD) RT. STA. 38+85	1
TOTAL	1

INLETS, TYPE B, WITH SPECIAL FRAME & GRATE	
LOCATION	EACH
IL 8 (FARMINGTON ROAD) RT. STA. 35+40 RT. STA. 36+63	1 1
STEVEVER RT. STA. 10+65.94	1
TOTAL	3

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8" DIAMETER	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD) RT. STA. 37+60	12.6
TOTAL	13

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12" DIAMETER	
LOCATION	FOOT
STEVEVER RT. STA. 10+58 TO 10+65.94	8
TOTAL	8

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15" DIAMETER	
LOCATION	FOOT
STEVEVER LT. STA. 10+54.64 TO RT. STA. 10+65.94	35.2
IL 8 (FARMINGTON ROAD) RT. STA. 38+40 TO 38+85	42.6
TOTAL	78

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18" DIAMETER	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD) RT. STA. 34+25 TO 35+40 RT. STA. 36+63 TO 37+60 RT. STA. 37+60 TO LT. STA. 10+54.64 (STEVEVER)	115 94.5 25.7
STERLING AVE. (city participation) LT. STA. 22+32 TO 24+80 RT. STA. 22+65.86 LT. STA. 24+80 TO 26+27.40 STA. 26+27.40	246 19.1 151.9 27.3
TOTAL	680

STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24" DIAMETER	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD) RT. STA. 32+34 TO 33+52.5 RT. STA. 33+92 TO 34+25 RT. STA. 34+25 RT. STA. 37+60 TO 38+40	118.5 33 13 75.8
RHODORA STA. 10+44.97 TO 10+48.07	30.8
TOTAL	271

STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 30" DIAMETER	
LOCATION	FOOT
IL 8 (FARMINGTON ROAD) STA. 38+40 LT. STA. 38+40 TO 39+29.42	63.8 85.9
TOTAL	150

STORM SEWERS TO BE CLEANED 54"	
LOCATION	FOOT
STERLING 25+00 TO 28+00 (EX. STERLING)	300
TOTAL	300

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	7	9	

F.A.U. RTE. 6658	SECTION 10N	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 20
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"			MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"		MODIFIED URETHANE PAVEMENT MARKING - LINE 12"		MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS &
	SOLID WHITE EDGE LINES	YELLOW SKIP DASH CENTERLINE	SOLID YELLOW CENTERLINE	STERLING AVE. CENTER LINE - WHITE	TURN LANES - WHITE	SKIP DASH - WHITE	GORE AREAS - WHITE	GORE AREAS - YELLOW	STOP BARS	TURN ARROWS
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.
IL 8 (FARMINGTON RD)										
LT. STA. 33+00 TO 43+00	1003									
RT. STA. 33+00 TO 33+21	21									
RT. STA. 40+59.58 TO 43+00	241									
RT. STA. 34+16 TO 35+76						40				
RT. STA. 37+12 TO 37+42										
RT. STA. 35+76 TO 36+73					97					
RT. STA. 37+50.57 TO 39+08					158					
LT. STA. 40+19 TO 41+96					177					
STA. 33+00 TO 33+81.22		21	82							
STA. 33+81.22 TO 35+14.88			441				41			
STA. 35+14.88 TO 38+52.65		168	676							
STA. 35+30.08										21
RT. STA. 35+87										11
STA. 36+42.6										21
RT. STA. 36+61										11
RT. STA. 37+68.6										11
STA 38+49.85 TO 39+49.93			417				46			
RT. STA. 38+70										11
STA. 38+95.68								27		
39+07.67 TO 39+49.51					129		42			
STA. 40+18.56								25		
STA. 40+18.56 TO 42+70.56			504							
STA. 40+43.7										11
STA. 41+72.8										11
STA. 42+70.56 TO 43+00		20	59							
STERLING AVE.										
RT. STA 23+58.41 TO 40+59.58 (IL 8)	373									
STA. 22+19.61 TO 24+23.77			818					113		
LT. STA. 22+19.6 TO 26+74				120						
RT. STA. 22+19.42 TO 25+54				90						
STA. 24+23.83 TO 25+66.27			285							
STA. 25+66.28 TO 26+89.09			389					23		
STA. 25+65.96 TO 26+73.96										
STA. 25+80.94										21
STA. 26+50.56										21
STA. 26+74								32		
STA. 25+65.88 TO 26+60.13					222		280			
TOTAL	1638	209	3671		783	40	322	223		
GRAND TOTAL	5518			210	823		545		84	150

PAVEMENT MARKINGS - STAGING					
	PAVEMENT MARKING REMOVAL	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING TAPE TYPE III, 4"		SHORT-TERM PAVEMENT MARKING
			WHITE	YELLOW	
	SQ. FT.	SQ. FT.	FT.	FT.	FT.
Stage I					
Pre-Stage II-A			1225		
Stage II-A	460		185	760	
Stage II_B	613		1090		
Stage III-A					
Stage III-B		405	1225		
Stage IV	200		100		
Stage V		72	150	85	
Stage VI					
Stage VII			139		
Stage VIII		1126	1074	3286	
Stage IX					
Stage X		1440			
Stage X (Paving)		2513			7615
TOTAL	1273	5556	5188	4131	7615
GRAND TOTAL	1273	5556	9319		7615

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
JOBSITE	72
TOTAL	72

RAISED REFLECTIVE PAVEMENT MARKERS			
LOCATION	ONE-WAY AMBER MARKER	ONE-WAY CRYSTAL MARKER	TWO-WAY AMBER MARKER
	EACH	EACH	EACH
IL 8 (FARMINTON RD.)			
STA. 33+94.6			1
STA. 34+34.8 TO 35+14.7	6		
STA. 35+14.7 TO 38+24.8			16
RT. STA. 37+50.6 TO 38+94.8		3	
STA. 38+49.9 TO 39+51.5	5		
STA. 40+18.6 TO 41+79.6			5
STA. 40+18.6 TO 41+95.6		5	
STERLING AVE			
LT. STA. 22+19.9 TO 26+82.6		6	
RT. STA. 22+19.5 TO 25+66.2		4	
STA. 25+65.9 TO 26+73.9		2	
STA. 22+19.6 TO 25+66.3			14
STA. 25+66.3 TO 26+91.7	9		
TOTAL	20	20	36
GRAND TOTAL	76		

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
JOBSITE	65
TOTAL	65

TRAFFIC CONTROL AND PROTECTION (SPECIAL)	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
JOBSITE	12
3 SIGNS X 4 MONTHS	
TOTAL	12

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CONSTRUCTION LAYOUT	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ENGINEER FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	8
TOTAL	8

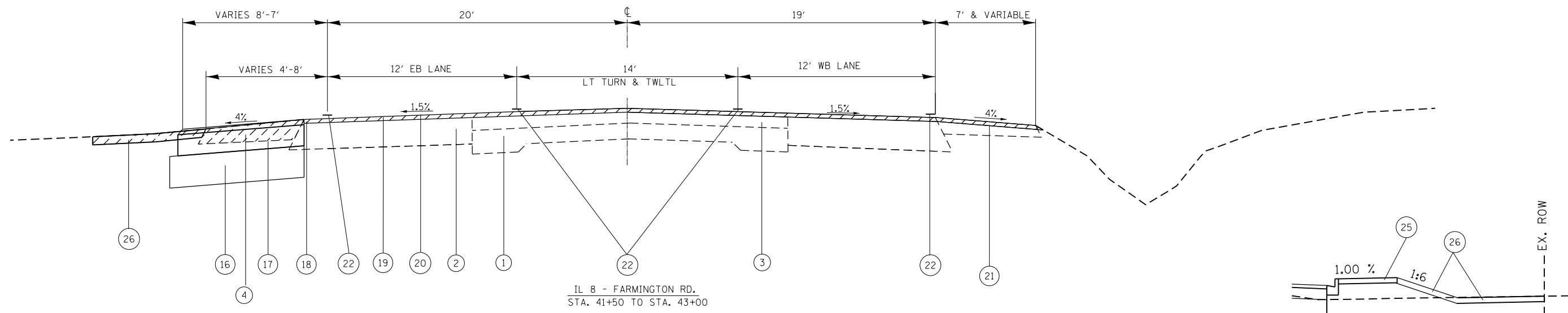
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DEPARTMENT OF TRANSPORTATION

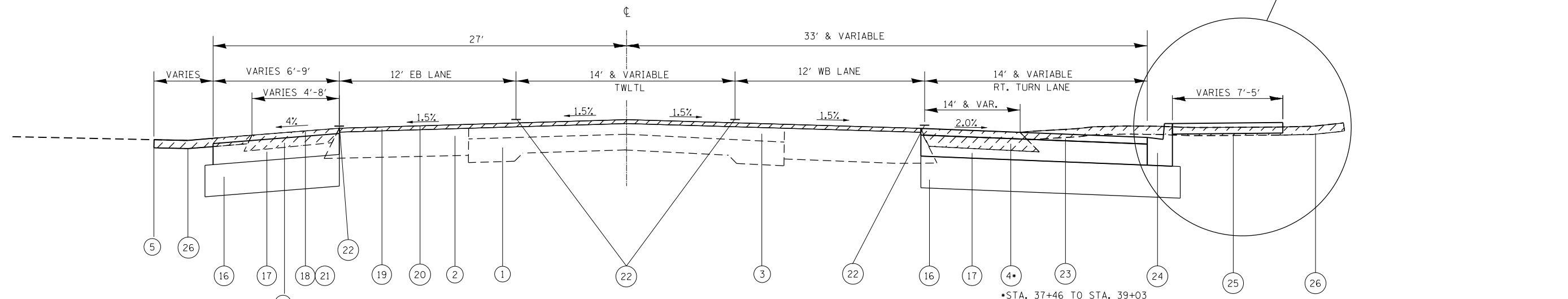
SCHEDULE OF QUANTITIES

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	22
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



IL 8 - FARMINGTON RD.
STA. 41+50 TO STA. 43+00

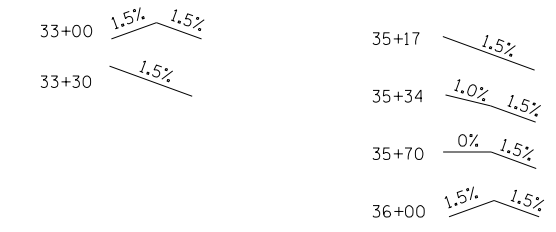


IL 8 - FARMINGTON RD.
STA. 33+00 TO STA. 39+00

*STA. 37+46 TO STA. 39+03
NO PAVED SHOULDER REMOVAL,
WILL BE REPLACED BY CURB &
GUTTER REMOVAL

- EXISTING ITEMS**
- 9-6-9, P.C.C. PAVEMENT
 - BITUMINOUS BASE COURSE WIDENING 8"
 - BITUMINOUS CONC. OVERLAY 5 1/2"
 - HMA SHOULDER REMOVAL 8"
 - DRIVEWAY PAVEMENT REMOVAL (HMA 4")
 - HMA PAVEMENT 8"
 - MEDIAN REMOVAL
 - PAVEMENT REMOVAL
- PROPOSED ITEMS**
- AGGREGATE SUB-BASE TYPE B - 12"
 - P.C.C. BASE CSE/P.C.C. BASE CSE WIDENING - 8"
 - HMA SHOULDERS (VARIABLE THICKNESS SEE HMA SHOULDER DETAIL)
 - HMA SURFACE COURSE REMOVAL VAR. DEPTH
 - POLY. HMA SURF. CSE., MIX E, N50 - 1 1/2"
 - HMA SURF. CSE., MIX "C", N50
 - MODIFIED URTHANE PAVEMENT MARKING
 - POLY. HMA SURF. CSE., MIX "E", N50 - 1.5"-2.5"
 - CONC. CURB AND GUTTER TYPE B-6.12
 - P.C.C. SIDE WALK - 4"
 - INCIDENTAL BITUMINOUS
 - HMA SHOULDER - 8"
 - CONC. GUTTER TYP A, SPL
 - CONC. CURB AND GUTTER TYPE B-6.24

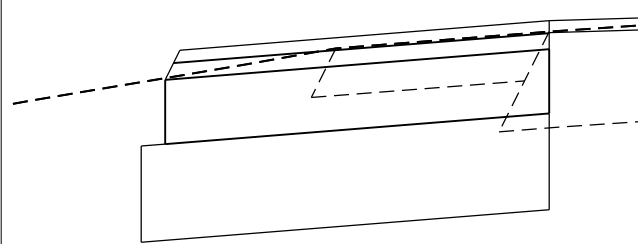
EXIST. PAVEMENT SUPERELEVATED STA. 33+00 TO 36+00



NOTE:
RT. STA. 33+75 TO STA. 35+75 IS A HMA BUILD UP AREA ON MAINLINE.
SEE CROSS SECTIONS FOR LOCATIONS.

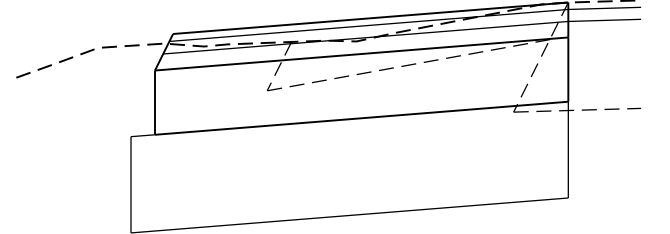
NOTE:
SEE ELEVATIONS ON HMA SHOULDER ELEVATION SHEET.

HMA SHOULDER DETAIL



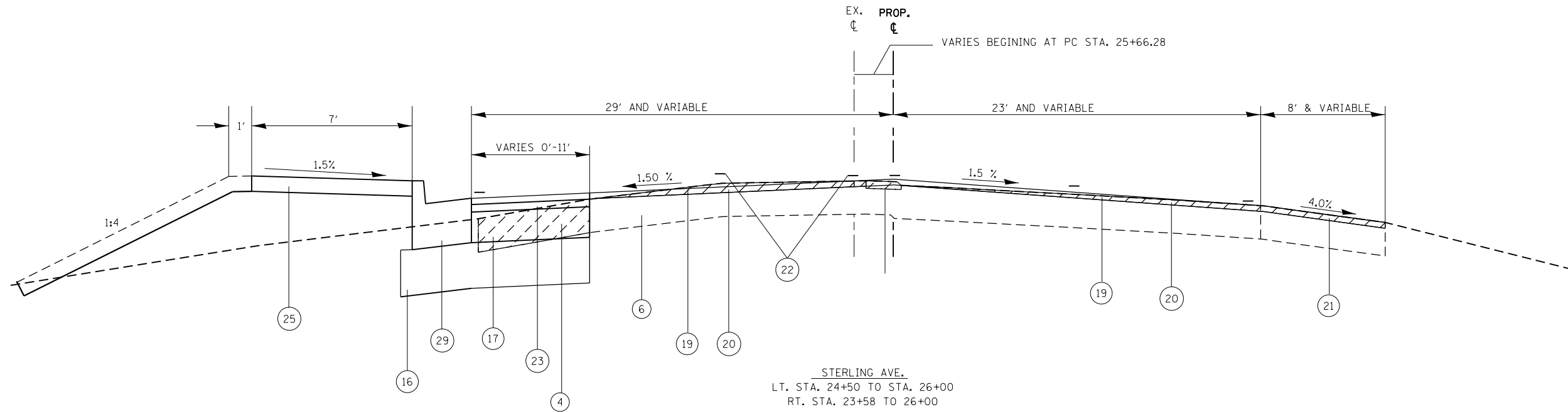
CASE 1 - FOR STAGE 3A
PCC BASE COURSE IS 2" MINIMUM BELOW EXIST. GRADE.

FINAL EOP ELEV. WILL BE ABOVE EXIST.
VARIABLE DEPTH SURF. REMOVAL. 0"-1.5"
TO ALLOW FOR A FINAL 1.5" LIFT OF
HMA SURF. CSE., MIX "C", N50.

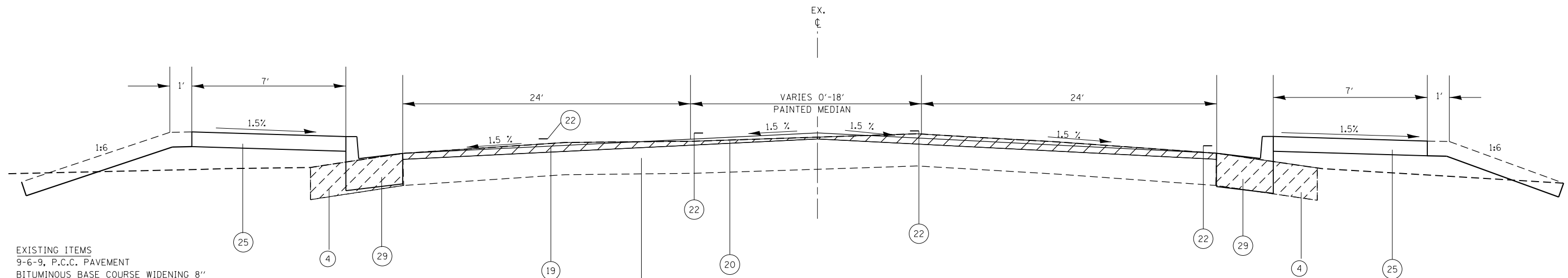


CASE 2 - FOR STAGE 3A
PCC BASE COURSE IS 2" OR GREATER BELOW EXIST. GRADE.
HMA SHOULDER THICKNESS VARIES FROM 2" TO 5".

FINAL EOP ELEV. WILL BE BELOW EXIST.
VARIABLE DEPTH SURF. REMOVAL. 2" TO 4". TO ALLOW FOR
A FINAL 1.5" LIFT OF HMA SURF. CSE., MIX "C", N50.
A MIN. OF 2" OF HMA SHALL BE MAINTAINED ON THE PCC BASE CSE.



STERLING AVE.
 LT. STA. 24+50 TO STA. 26+00
 RT. STA. 23+58 TO 26+00



STERLING AVE.
 LT. STA. 22+19 TO 24+50
 RT. STA. 22+19 TO 23+58

- EXISTING ITEMS**
1. 9-6-9, P.C.C. PAVEMENT
 2. BITUMINOUS BASE COURSE WIDENING 8"
 3. BITUMINOUS CONC. OVERLAY 5 1/2"
 4. HMA SHOULDER REMOVAL 8"
 5. DRIVEWAY PAVEMENT REMOVAL (HMA 4")
 6. HMA PAVEMENT 8"
 7. MEDIAN REMOVAL
 8. PAVEMENT REMOVAL
- PROPOSED ITEMS**
16. AGGREGATE SUB-BASE TYPE B - 12"
 17. P.C.C. BASE CSE/P.C.C. BASE CSE WIDENING - 8"
 18. HMA SHOULDERS (VARIABLE THICKNESS SEE HMA SHOULDER DETAIL)
 19. HMA SURFACE COURSE REMOVAL VAR. DEPTH
 20. POLY. HMA SURF. CSE., MIX E, N50 - 1 1/2"
 21. HMA SURF. CSE., MIX "C", N50
 22. MODIFIED URTHANE PAVEMENT MARKING
 23. POLY. HMA SURF. CSE., MIX "E", N50 - 1.5"-2.5"
 24. CONC. CURB AND GUTTER TYPE B-6.12
 25. P.C.C. SIDE WALK - 4"
 26. INCIDENTAL BITUMINOUS
 27. HMA SHOULDER - 8"
 28. CONC. GUTTER TYP A, SPL
 29. CONC. CURB AND GUTTER TYPE B-6.24

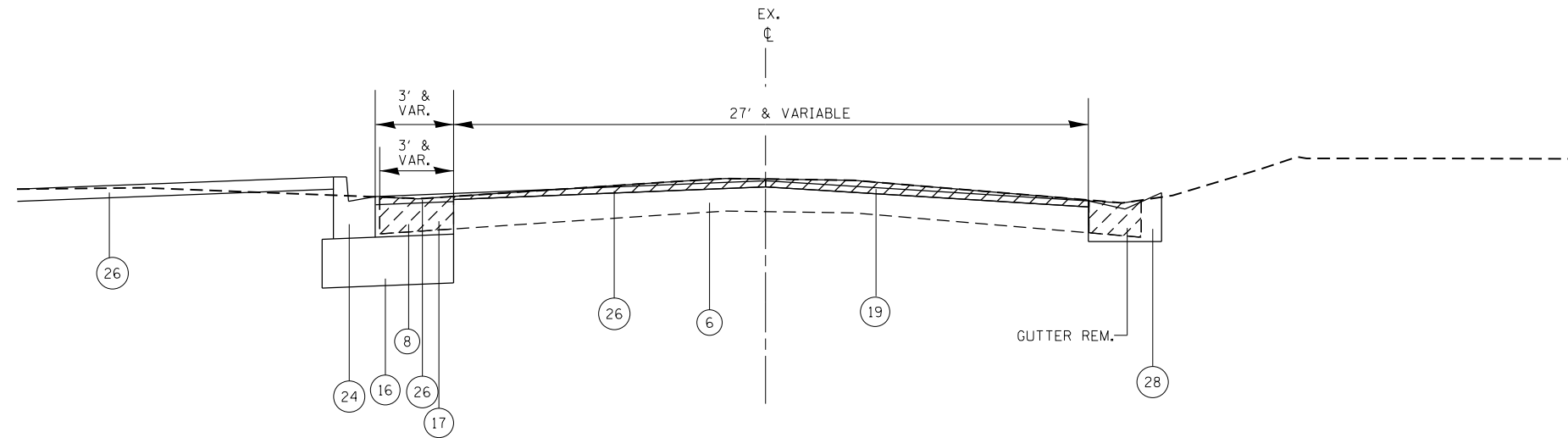
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

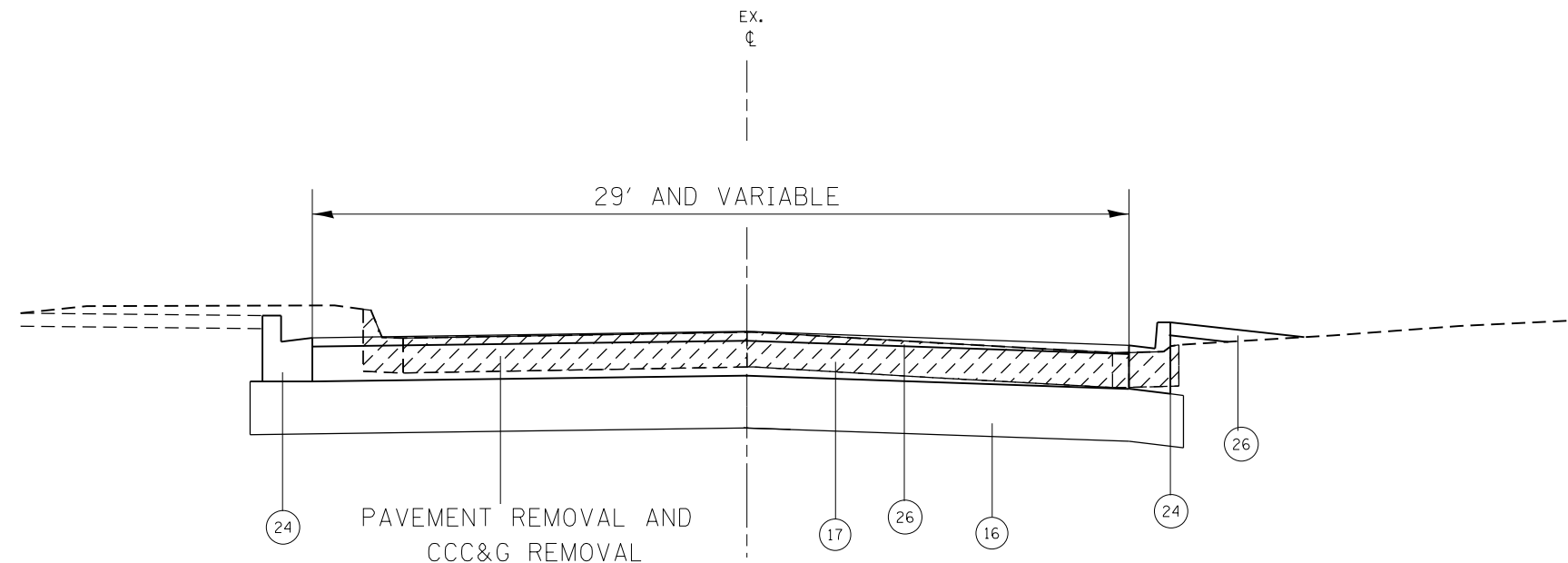
STERLING AVE.
 EXIST/PROP TYPICAL SECTION

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	24
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



RHODORA AVE.
SEE INTERSECTION DETAILS FOR PAVEMENT SLOPES



STEVER AVE.
SEE INTERSECTION DETAILS FOR PAVEMENT SLOPES

EXISTING ITEMS

1. 9-6-9, P.C.C. PAVEMENT
2. BITUMINOUS BASE COURSE WIDENING 8"
3. BITUMINOUS CONC. OVERLAY 5 1/2"
4. HMA SHOULDER REMOVAL 8"
5. DRIVEWAY PAVEMENT REMOVAL (HMA 4")
6. HMA PAVEMENT 8"
7. MEDIAN REMOVAL
8. PAVEMENT REMOVAL

PROPOSED ITEMS

16. AGGREGATE SUB-BASE TYPE B - 12"
17. P.C.C. BASE CSE/P.C.C. BASE CSE WIDENING - 8"
18. HMA SHOULDERS (VARIABLE THICKNESS SEE HMA SHOULDER DETAIL)
19. HMA SURFACE COURSE REMOVAL VAR. DEPTH
20. POLY. HMA SURF. CSE., MIX E, N50 - 1 1/2"
21. HMA SURF. CSE., MIX "C", N50
22. MODIFIED URTHANE PAVEMENT MARKING
23. POLY. HMA SURF. CSE., MIX "E", N50 - 1.5"-2.5"
24. CONC. CURB AND GUTTER TYPE B-6.12
25. P.C.C. SIDE WALK - 4"
26. INCIDENTAL BITUMINOUS
27. HMA SHOULDER - 8"
28. CONC. GUTTER TYP A, SPL
29. CONC. CURB AND GUTTER TYPE B-6.24

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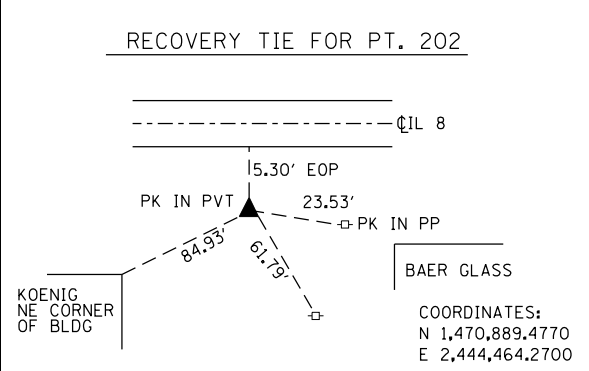
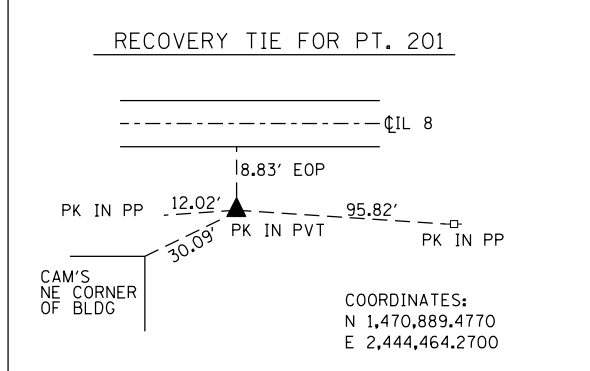
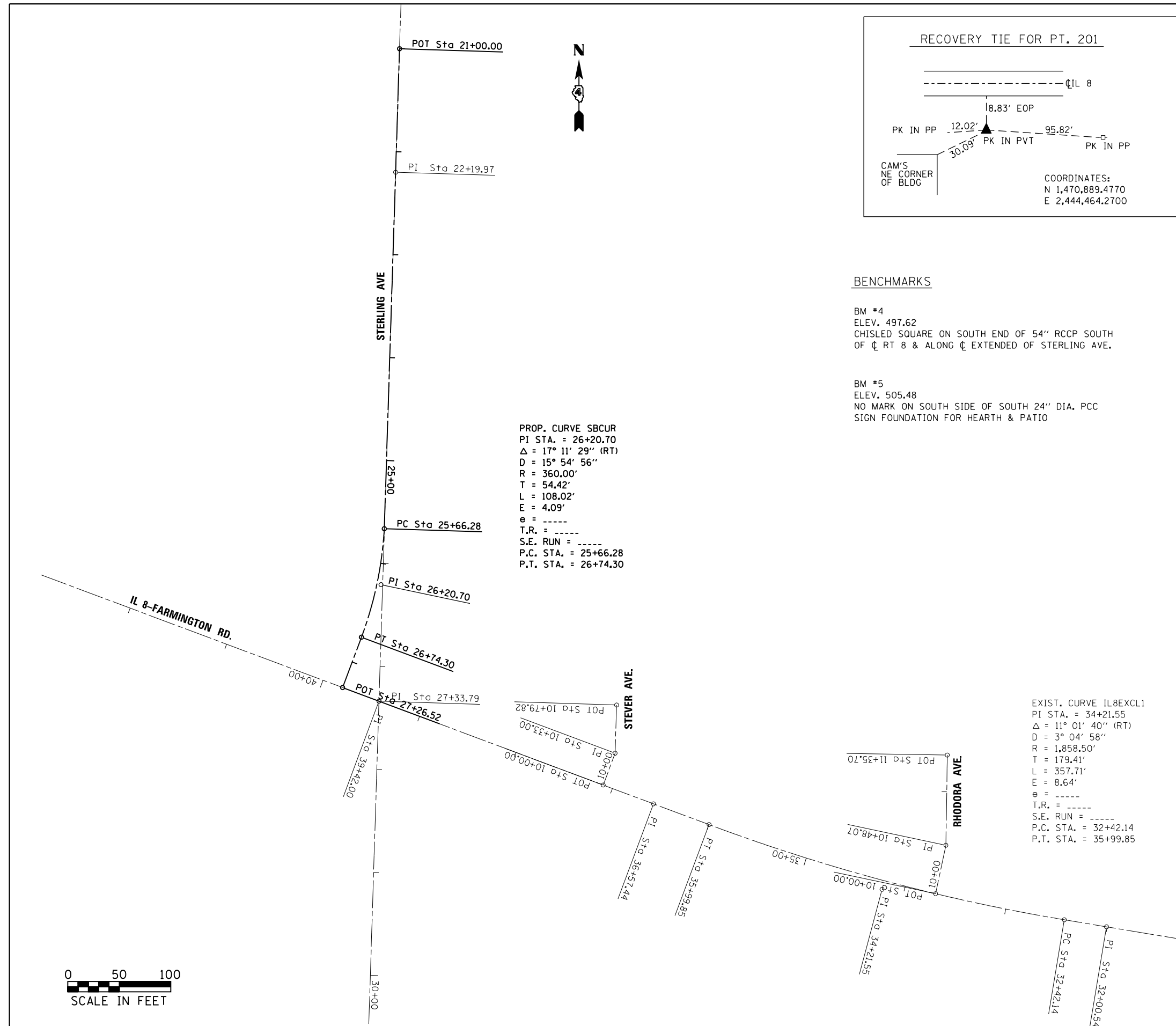
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEROAD
EXIST/PROP TYPICAL SECTIONS**

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	25
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

STATION	STAGE CONSTRUCTION						STATION	STAGE CONSTRUCTION					
	EOP TOP OF HMA SHLD ELEV.	EOP TOP OF CONC. ELEV.	EOS TOP OF HMA SHLD ELEV.	EOS TOP OF CONC. ELEV.	FINAL GRADE EOS ELEV.	FINAL GRADE EOP ELEV.		EOP TOP OF HMA SHLD ELEV.	EOP TOP OF CONC. ELEV.	EOS TOP OF HMA SHLD ELEV.	EOS TOP OF CONC. ELEV.	FINAL GRADE EOS ELEV.	FINAL GRADE EOP ELEV.
33+50	506.46	506.3	506.44	506.27	506.54	506.57	38+25	502.76	502.59	502.47	503.3	502.48	502.77
33+75	506.21	506.03	505.91	505.72	506.03	506.32	38+50	502.73	502.57	502.46	502.29	502.47	502.74
34+00	505.95	505.79	505.57	505.4	505.69	506.07	38+75	502.75	502.55	502.5	502.28	502.46	502.71
34+25	505.63	505.46	505.25	505.08	505.36	505.73	38+85	502.76	502.54	502.45	502.21	502.4	502.71
34+50	505.29	505.12	504.94	504.77	504.97	505.32	39+00	502.73	502.53	502.48	502.28	502.45	502.7
34+75	504.9	504.73	504.53	504.36	504.55	504.91	39+50	502.53	502.36	502.22	502.04	502.37	502.67
35+00	504.51	504.34	504.14	503.96	504.16	504.53	39+75	502.58	502.41	502.26	502.09	502.37	502.68
35+25	504.1	503.93	503.72	503.55	503.78	504.16	40+00	502.6	502.43	502.29	502.11	502.37	502.68
35+40	503.84	503.67	503.46	503.29	503.53	503.9	40+25	502.56	502.39	502.24	502.07	502.38	502.69
35+75	503.47	503.27	503.09	502.89	503.06	503.44	40+50	502.57	502.41	502.26	502.09	502.39	502.7
36+00	503.23	502.93	502.88	502.56	502.73	503.09	40+75	502.65	502.48	502.34	502.16	502.39	502.7
36+25	503.1	502.76	502.76	502.4	502.58	502.93	41+00	502.68	502.51	502.36	502.19	502.39	502.7
36+50	502.97	502.52	502.64	502.17	502.48	502.82	41+25	502.61	502.44	502.3	502.12	502.39	502.7
36+63	502.9	502.6	502.56	502.24	502.43	502.77	41+50	502.57	502.4	502.26	502.08	502.4	502.7
36+75	502.84	502.4	502.51	502.05	502.36	502.7	41+75	502.71	502.55	502.4	502.23	502.4	502.71
37+00	502.74	502.37	502.41	502.03	502.33	502.66	42+00	502.72	502.56	502.47	502.3	502.47	502.72
37+25	502.78	502.5	502.45	502.16	502.34	502.67	42+25	502.61	502.44	502.35	502.18	502.48	502.73
37+60	502.81	502.43	502.5	502.1	502.4	502.72	42+50	502.54	502.37	502.28	502.1	502.49	502.74
37+80	502.82	502.48	502.51	502.16	502.46	502.77	42+75	502.58	502.41	502.31	502.13	502.49	502.75
38+00	502.81	502.5	502.51	502.19	502.49	502.79							



BENCHMARKS

BM #4
 ELEV. 497.62
 CHISLED SQUARE ON SOUTH END OF 54" RCCP SOUTH OF CL RT 8 & ALONG CL EXTENDED OF STERLING AVE.

BM #5
 ELEV. 505.48
 NO MARK ON SOUTH SIDE OF SOUTH 24" DIA. PCC SIGN FOUNDATION FOR HEARTH & PATIO

PROP. CURVE SBCUR
 PI STA. = 26+20.70
 $\Delta = 17^\circ 11' 29''$ (RT)
 $D = 15^\circ 54' 56''$
 $R = 360.00'$
 $T = 54.42'$
 $L = 108.02'$
 $E = 4.09'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 25+66.28
 P.T. STA. = 26+74.30

EXIST. CURVE IL8EXCL1
 PI STA. = 34+21.55
 $\Delta = 11^\circ 01' 40''$ (RT)
 $D = 3^\circ 04' 58''$
 $R = 1,858.50'$
 $T = 179.41'$
 $L = 357.71'$
 $E = 8.64'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 32+42.14
 P.T. STA. = 35+99.85



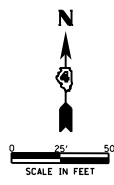
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	PLOT DATE = 10/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, BENCHMARKS
 AND RECOVERY TIES**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	27
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



NW 1/4 SEC. 6

STERLING AVE

EXISTING R.O.W. LINE, WEST LINE NE 1/4 SEC. 6

NE 1/4 SEC. 6

PLAT OF SURVEY BY
ZUMWALT AND ASSOC., INC.
DATED 2/10/97, DOC. 02-12185

PARTS OF LOTS 2 & 3
NELSON CLARK'S RESURVEY
AND SUBDIVISION
PLAT BOOK B, PAGE 89

LOT "A"
STEVEY SUBDIVISION
(UN-RECORDED)

PIN 18-06-252-012
DOC. NO. 04-07626

PIN 18-06-253-011
DOC. NO. 93-27747

PIN 18-06-253-020
DOC. NO. 09-11838

PART OF LOT 3
NELSON CLARK'S RESURVEY
AND SUBDIVISION
PLAT BOOK B, PAGE 89

PART OF
STEVEY SUBDIVISION
(UN-RECORDED)

PIN 18-06-253-011
DOC. NO. 93-27747

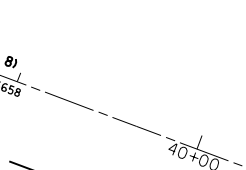
PARTS OF LOTS 2 & 3
NELSON CLARK'S RESURVEY
AND SUBDIVISION
PLAT BOOK B, PAGE 89

PART OF
STEVEY SUBDIVISION
(UN-RECORDED)

PIN 18-06-253-020
DOC. NO. 09-11838

EXIST. CURVE IL8EXCL1
PI STA. = 34+21.55
 $\Delta = 11^\circ 01' 40''$ (RT)
D = 3° 04' 58"
R = 1,858.50'
T = 179.41'
L = 357.71'
E = 8.64'
P.C. STA. = 32+42.14
P.T. STA. = 35+99.85

FARMINGTON ROAD (IL 8)
EXISTING CENTERLINE FAU 6658
(FARMINGTON ROAD, IL. 8)



4AGD003 & TE
TRACT 1 AND TRACT 2

PROPOSED R.O.W. LINE

PROPOSED TEMPORARY
EASEMENT LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

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EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

50' R.O.W.
STEVEY AVE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

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EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

15' SANITARY SEWER EASEMENT
BOOK 1176, PAGE 693

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

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EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

50' R.O.W.
RHODORA AVE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

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EXISTING R.O.W. LINE

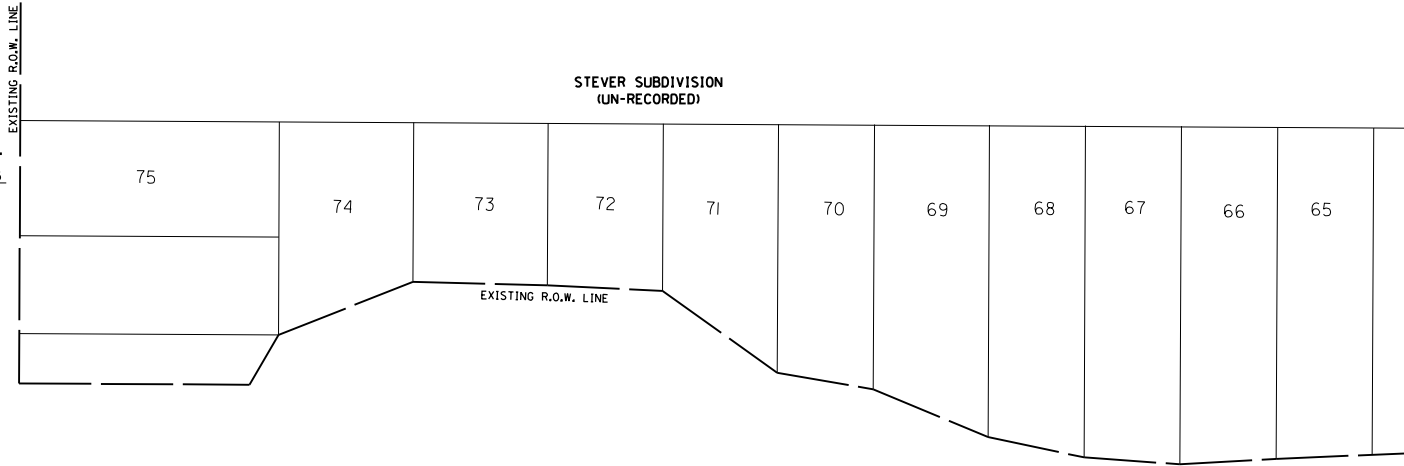
EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE



STEVEY SUBDIVISION
(UN-RECORDED)

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

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EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

NOTE:
SET IRON PIN WITH CAP AS
WITNESS POINT, TRUE CORNER
FELL INSIDE AN EXISTING BUILDING.
38+53.24, 37.68'

SW CORNER,
NE 1/4, SEC. 6
T 8 N, R 8 E, 4th P.M.
38+19.22, 131.72'
DOC. NO. 2012027232

LEGEND

⊗	R.O.W. MARKER FOUND
○	SET 5/8" IRON PIN W/ CAP
---	EXISTING R.O.W. LINE
- - - -	EXISTING CENTERLINE
---	SECTION LINE
---	PROPOSED R.O.W. LINE
	PROPOSED TEMPORARY EASEMENT LINE
	EXISTING UTILITY EASEMENT LINE
()	RECORD DATA

FILE NAME: c:\pwork\pwork\pwork\pwork\d0318674\0468070-sht-rowplan.dgn	USER NAME = aubreygs	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.U. RTE. 6658	SECTION 10N	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 28
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -	SCALE: 1" = 50'	PROJECT SHEET NO. 1 OF 1 SHEETS	JOB NO. R-94-006-12 STA. 33+97.72 TO STA. 38+83.87	CONTRACT NO. 68470				
PLOT DATE = 10/17/2013	DATE -	REVISED -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SEQUENCE OF OPERATIONS

STAGE I - (SEE TRAFFIC SIGNAL PLAN SHEETS)

CONSTRUCTION

Remove existing traffic signals and equipment as specified in the traffic signal plan sheets. Install temporary traffic signals at locations determined by the Resident Engineer.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701701 and 701502.

STAGE II - A

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 5) for a description of the permitted hours of construction work during this stage.

PURPOSE

Because of high traffic volumes, the traffic control in Stages II-A & II-B is needed solely for the placement of pavement marking tape type III, redefining the EB and center lanes in preparation for later stages.

CONSTRUCTION

(PRE-STAGE)

Place temporary pavement marking tape on the EB shoulder at an offset of 3', except as shown at taper, from south edge of pavement on Farmington Road from Lt. sta. 32+75 to 45+00. This will allow extra width in the EB lane during closure of the center bi-directional turn lane in Stage II-A.

(STAGE II-A)

Remove existing pavement markings on Farmington Road at the following locations:

- Lt. Sta. 34+00 to sta. 38+80. Remove south edge line of bi-directional turn lane (Combination solid yellow and skip-dash), south edge line of painted median, and a portion of diagonals and median nose which conflict with proposed tape locations.
- Lt. Sta. 40+00 to sta. 41+85. Remove solid white line of left turn lane.
- Lt. Sta. 42+45 to sta. 44+60. Remove south edge line of bi-directional turn lane. (Combination solid yellow and skip-dash.)

Existing bi-directional turn lane arrows, left turn lane arrows, and remaining segments of median diagonals on Farmington Road can remain in place, provided there are no conflicts.

Place pavement marking tape type III, 4" at the following locations:

- Lt. sta. 34+00 to sta. 38+80, (4" solid yellow)
- Sta. 38+80 to 39+35, (4" solid yellow and median nose)
- Lt. sta. 40+00 to sta. 41+85, (4" solid white)
- Lt. sta. 42+45 to sta. 43+00, (4" solid yellow)
- Lt. sta. 43+00 to sta. 44+60, (4" solid yellow taper)

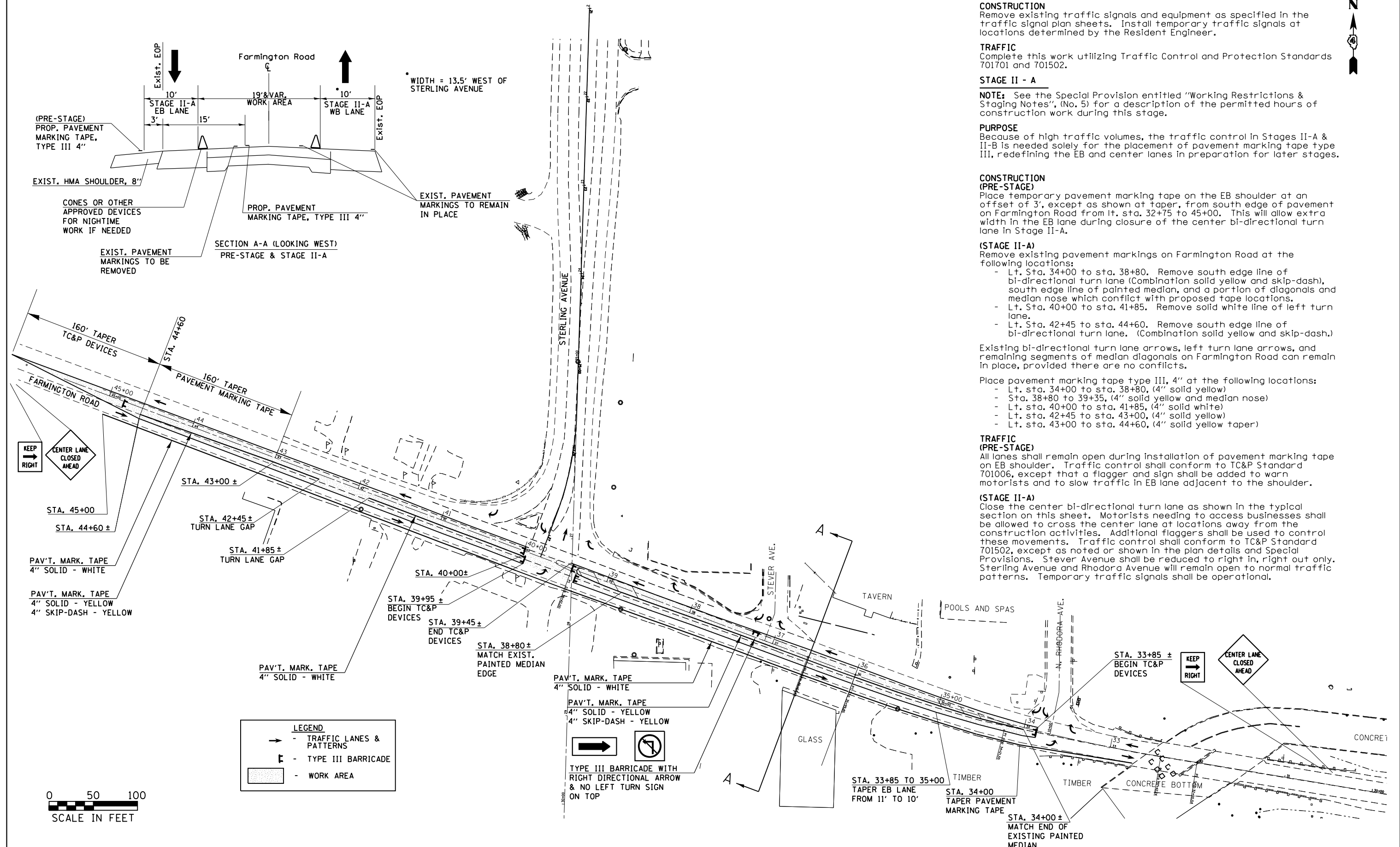
TRAFFIC

(PRE-STAGE)

All lanes shall remain open during installation of pavement marking tape on EB shoulder. Traffic control shall conform to TC&P Standard 701006, except that a flagger and sign shall be added to warn motorists and to slow traffic in EB lane adjacent to the shoulder.

(STAGE II-A)

Close the center bi-directional turn lane as shown in the typical section on this sheet. Motorists needing to access businesses shall be allowed to cross the center lane at locations away from the construction activities. Additional flaggers shall be used to control these movements. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. Stever Avenue shall be reduced to right in, right out only. Sterling Avenue and Rhodora Avenue will remain open to normal traffic patterns. Temporary traffic signals shall be operational.



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -
Default	Plot Date = 10/17/2013	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN - STAGES I & II-A

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	29
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



SEQUENCE OF OPERATIONS

STAGE II -B

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 5) for a description of the permitted hours of construction work for this stage.

PURPOSE

Because of high traffic volumes, the traffic control in Stages II-A & II-B is needed solely for the placement of pavement marking tape type III, redefining the EB and center lanes in preparation for Stages III-A & III-B.

CONSTRUCTION

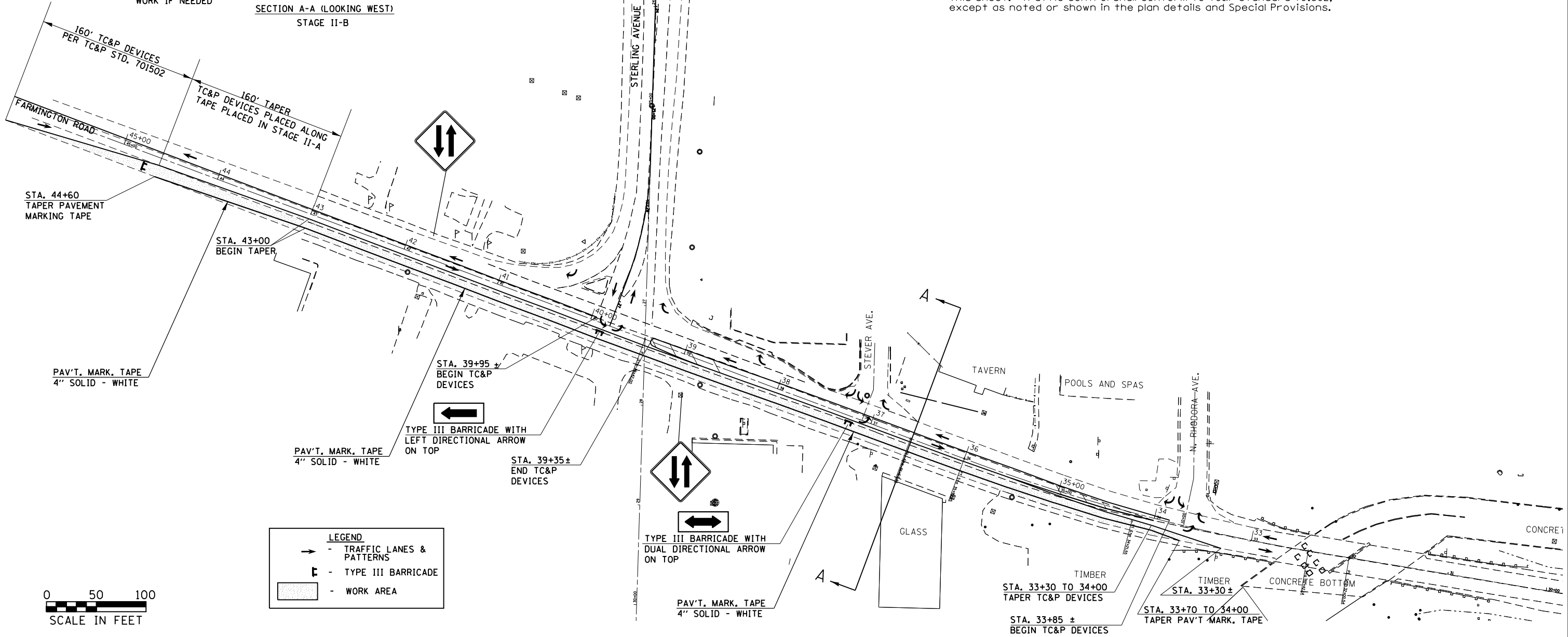
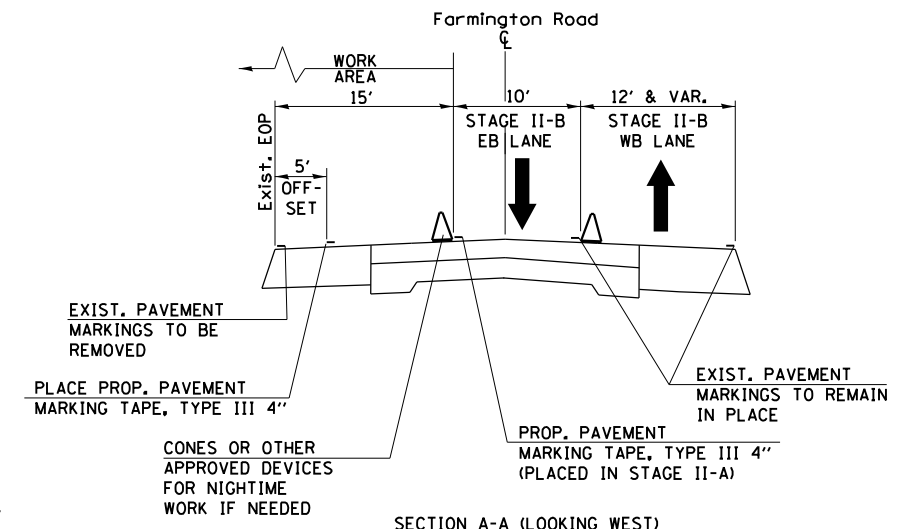
Remove existing pavement markings on the south edge of the EB lane on Farmington Road at the following locations:

- Lt. Sta. 32+75 to sta. 45+00.
- Place pavement marking tape type III, 4" at the following locations:
 - Lt. sta. 33+70 to sta. 34+00, (4" solid white taper)
 - Lt. Sta. 34+00 to sta. 43+00, offset 5' from existing south edge of pavement on Farmington Road. (4" solid white)
 - Lt. sta. 43+00 to sta. 44+60, (4" solid white taper)

TRAFFIC

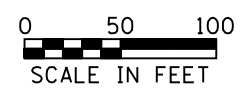
Farmington Road

Close the EB lane and shift EB traffic to center lane. Separate and define the opposing traffic lanes as shown in the typical section on this sheet. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions.



LEGEND

	TRAFFIC LANES & PATTERNS
	TYPE III BARRICADE
	WORK AREA



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -
Default	Default	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN - STAGE II-B

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	30
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



SEQUENCE OF OPERATIONS

STAGE III - A (PEAK HOURS ONLY)

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", No. 6 for a definition of peak hours of operation.

PURPOSE

Stages III-A & III-B are primarily for the placement of widening and drainage work on the south side of Farmington road. Stage III-A is for peak hour traffic and Stage III-B is for off-peak hour traffic. Therefore, the contractor shall be shifting between Stages III-A & III-B on a daily basis.

CONSTRUCTION

- Remove existing HMA shoulder and place widening from lt. sta. 33+50 to sta. 43+00.
- The contractor shall clean the 54 inch pipe culvert prior to any proposed drainage work that is to be constructed. This shall be done according to the special provisions and to the satisfaction of the Resident Engineer.
- Construct proposed drainage work, as specified in the drainage plans, from left sta. 38+40 to sta. 39+30.
- Re-construct entrances as specified in the plans.

TRAFFIC

Farmington Road

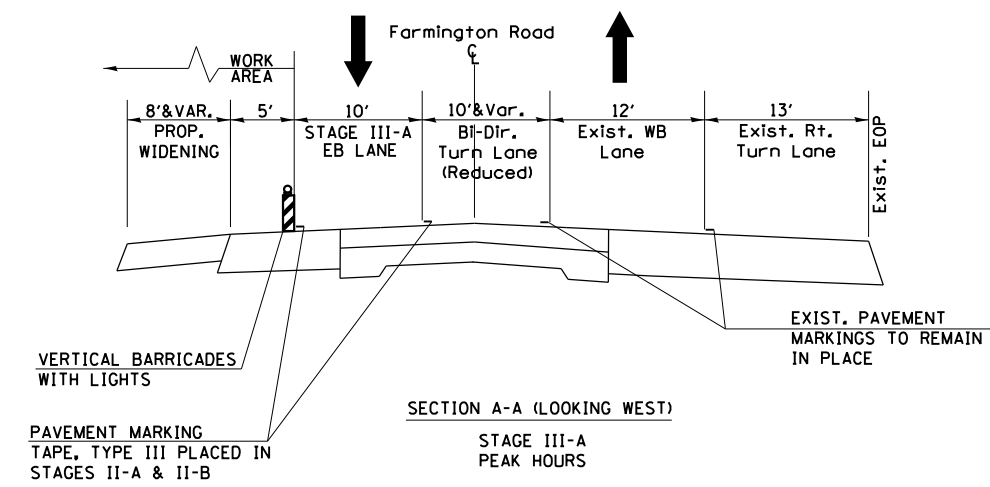
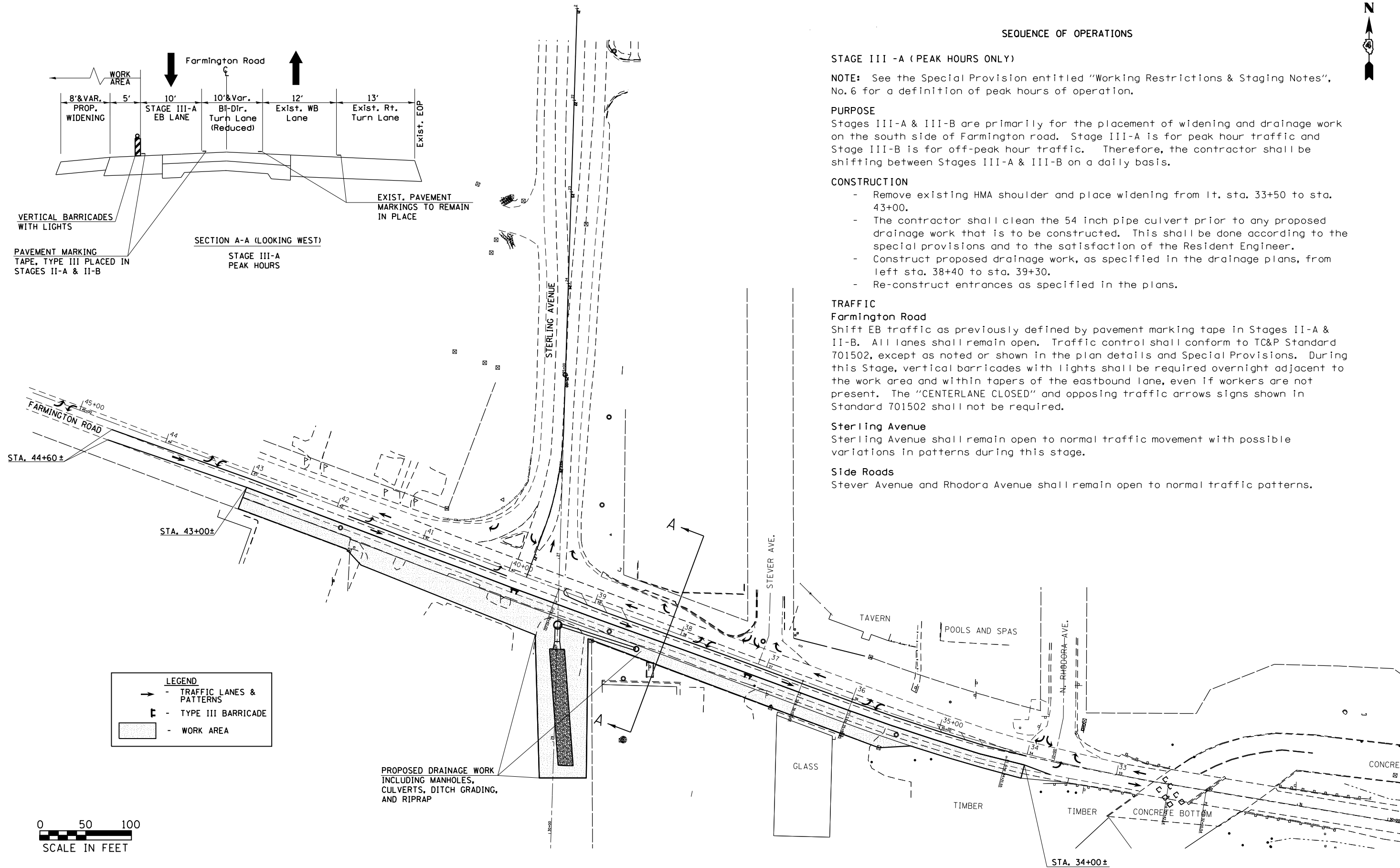
Shift EB traffic as previously defined by pavement marking tape in Stages II-A & II-B. All lanes shall remain open. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. During this Stage, vertical barricades with lights shall be required overnight adjacent to the work area and within tapers of the eastbound lane, even if workers are not present. The "CENTERLANE CLOSED" and opposing traffic arrows signs shown in Standard 701502 shall not be required.

Sterling Avenue

Sterling Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.

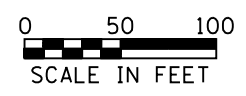
Side Roads

Stever Avenue and Rhodora Avenue shall remain open to normal traffic patterns.



LEGEND

- - TRAFFIC LANES & PATTERNS
- █ - TYPE III BARRICADE
- - WORK AREA



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE III-A PEAK HOURS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	ct:\pw\work\p\dot\aubreys\d0318675\046870-staging.dgn	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 11 SHEETS	STA.	TO STA.	6658	ION	PEORIA	120	31
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -											
	PLOT DATE = 10/17/2013	DATE -	REVISED -											
										CONTRACT NO. 68A70				
										ILLINOIS FED. AID PROJECT				

SEQUENCE OF OPERATIONS



STAGE III -B (OFF-PEAK HOURS ONLY)

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No.7) for a definition of off-peak hours of operation.

PURPOSE

Stages III-A & III-B are primarily for the placement of widening and drainage work on the south side of Farmington road. Stage III-A is for peak hour traffic and Stage III-B is for off-peak hour traffic. Therefore, the contractor shall be shifting between Stages III-A & III-B on a daily basis.

CONSTRUCTION

- Remove existing HMA shoulder and place widening from lt. sta. 33+50 to sta. 43+00.
- The contractor shall clean the 54 inch pipe culvert prior to any proposed drainage work can be constructed. This shall be done according to the special provisions and to the satisfaction of the Resident Engineer.
- Construct proposed drainage work, as specified in the drainage plans, from left sta. 38+40 to sta. 39+30.
- Re-construct entrances as specified in the plans.

Remove old and place new pavement marking tape on Farmington Road according to the typical section on this sheet at the following locations in preparation for Stages IV thru VII:

- Lt. Sta. 32+75 to sta. 45+00. South edge line of EB lane. (Solid white)

TRAFFIC

Farmington Road

Close EB lane and shift traffic to center lane by re-positioning vertical barricades used for peak hour closure. Separate and define opposing traffic lanes as shown in the typical section on this page. Tapers on each end shall need to be adjusted accordingly. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. TC&P Standard 701501 shall be required on the east end where Farmington Road is reduced to two-lane, two-way traffic.

The contractor shall replace any pavement marking tape destroyed within the tapers each day prior to reopening the EB lane to peak hour traffic.

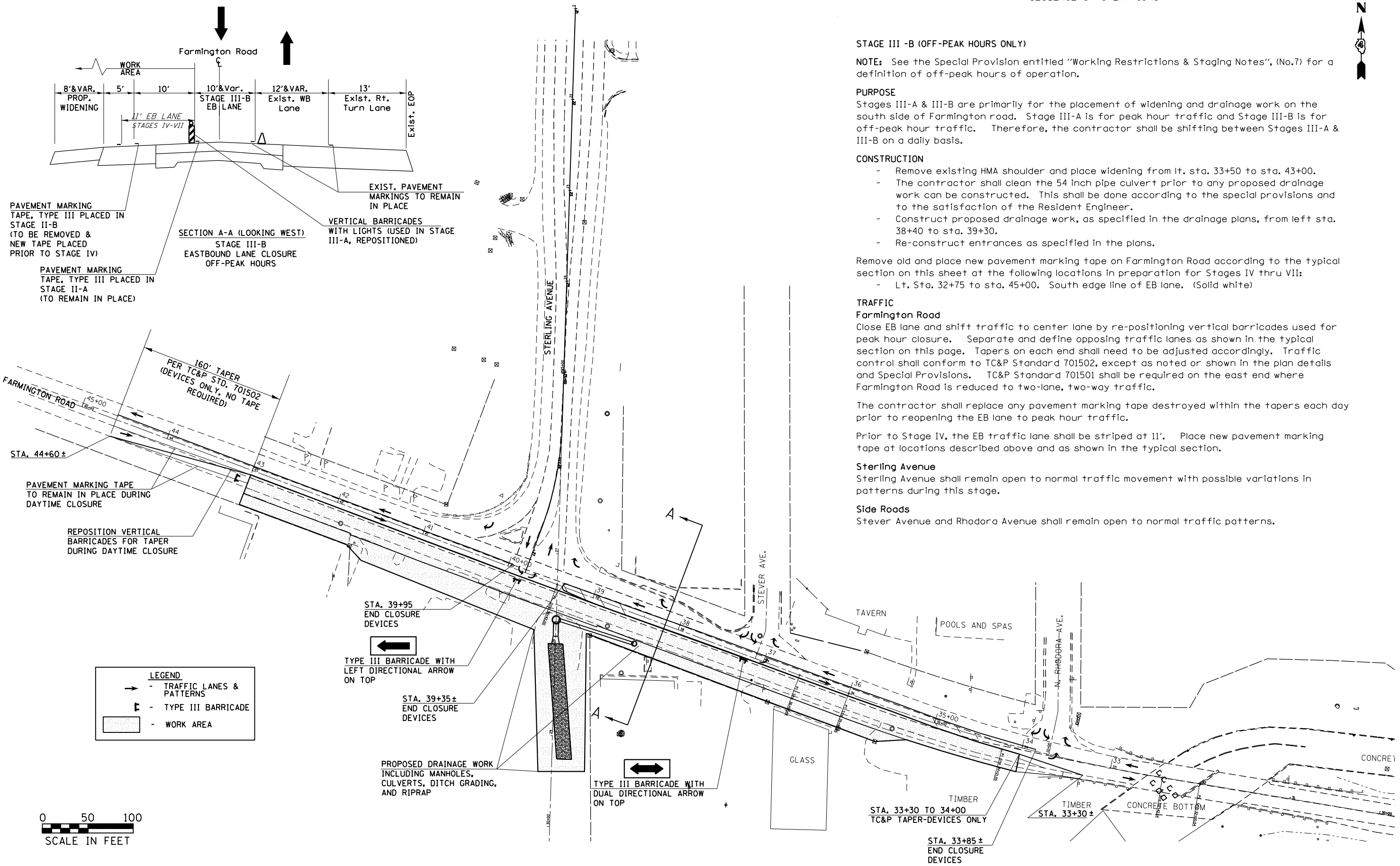
Prior to Stage IV, the EB traffic lane shall be striped at 11'. Place new pavement marking tape at locations described above and as shown in the typical section.

Sterling Avenue

Sterling Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.

Side Roads

Stever Avenue and Rhodora Avenue shall remain open to normal traffic patterns.



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -
ct:\pw\work\p1dot\aubreys\d0318675\046870-staging.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN - STAGE III-B	
OFF-PEAK HOURS	
SCALE:	SHEET 4 OF 11 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	32
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

SEQUENCE OF OPERATIONS

STAGE IV

NOTE: DAYTIME. Peak hour restrictions as described in the Special Provision entitled "Working Restrictions & Staging Notes" do not apply.

PURPOSE

Stage IV is designed to accommodate removal of the island in the NW quadrant of Sterling Ave. and the replacement with concrete base course.

CONSTRUCTION

- Remove existing island
- Replace with a high early strength PCC Base Course, type PP-2 material.
- Remove existing pavement markings at locations shown on the detail in preparation for future stages.
- Refresh remaining pavement markings, using tape, at existing locations around island prior to removing traffic control.
- Place stop bar within the closure as shown in the island detail for future stages prior to removing traffic control.

TRAFFIC

Farmington Road

Farmington Road shall remain open to normal traffic movement with possible variations in patterns during this stage.

Sterling Avenue

Close right turn lane of SB Sterling Avenue. Traffic control shall conform to TC&P Standard 701701, except as noted or shown in the plan details and Special Provisions. Traffic shall be channelized with approved devices to remain in place for nighttime closure, during non-working hours. No pavement marking tape shall be required, except at locations of stop bars.

The left turn lane traffic on SB Sterling Avenue shall be required to drive on the existing, flush concrete median during this stage.

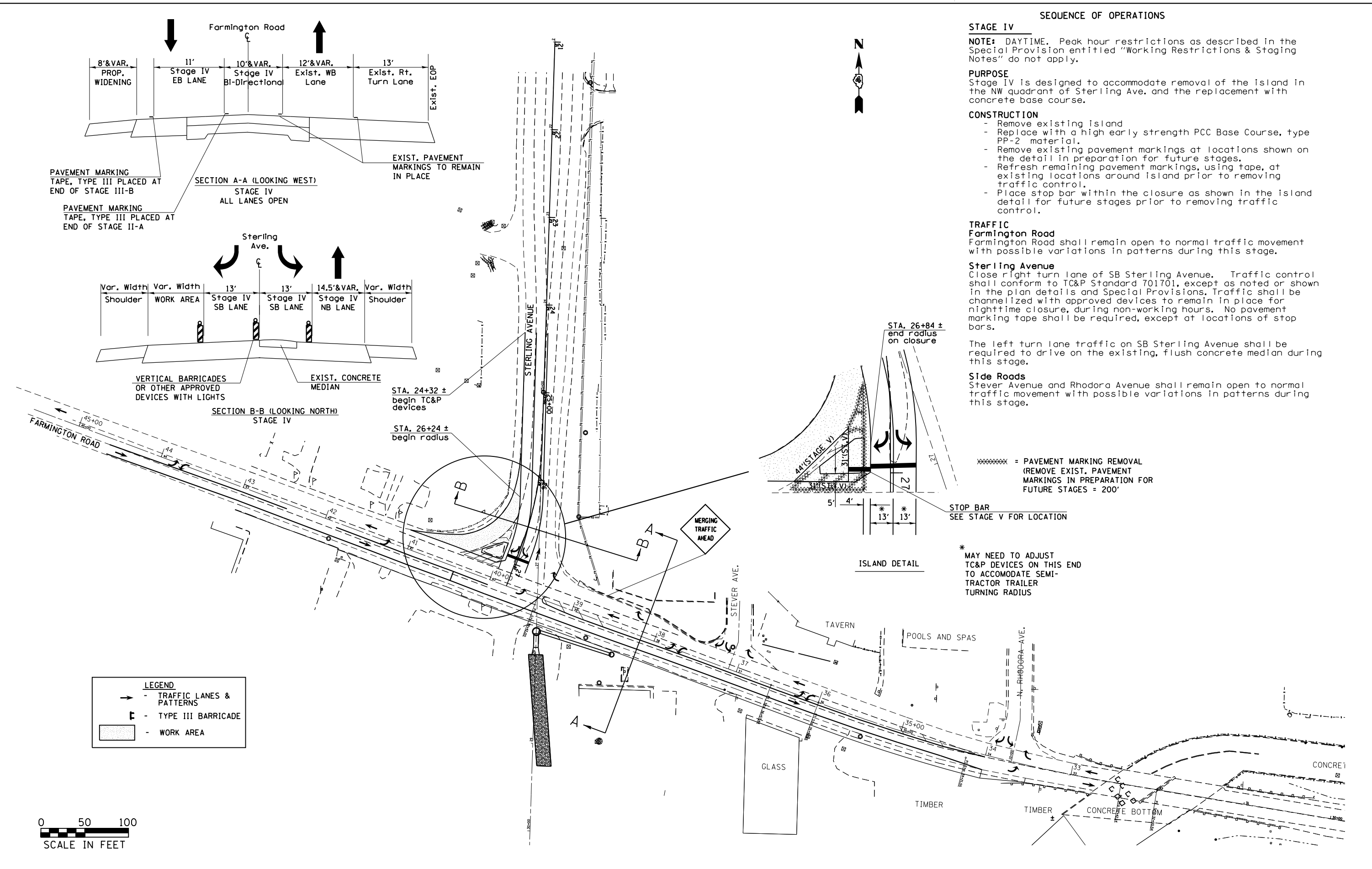
Side Roads

Stever Avenue and Rhodora Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.

XXXXXXXXXX = PAVEMENT MARKING REMOVAL (REMOVE EXIST. PAVEMENT MARKINGS IN PREPARATION FOR FUTURE STAGES = 200')

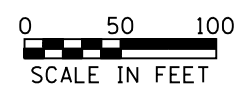
STOP BAR SEE STAGE V FOR LOCATION

* MAY NEED TO ADJUST TC&P DEVICES ON THIS END TO ACCOMMODATE SEMI-TRACTOR TRAILER TURNING RADIUS



LEGEND

- - TRAFFIC LANES & PATTERNS
- ⌄ - TYPE III BARRICADE
- ▭ - WORK AREA



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE IV		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Plot Scale = 100.0000' / 1".	CHECKED -	REVISED -				6658	10N	PEORIA	120	33
	PLOT DATE = 10/17/2013	DATE -	REVISED -		SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.		CONTRACT NO. 68A70				
							ILLINOIS FED. AID PROJECT				



STAGE V

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 15) for a description of the permitted hours of construction work for this stage.

PURPOSE

Stage V is designed to accommodate removal of the concrete median on Sterling Avenue and the replacement with concrete base course. This stage is also to construct the cross road culvert at Sta. 26+27.40.

CONSTRUCTION

- Remove existing median.
- Remove pavement and install pipe culvert at Sta. 26+27.40 on Sterling Avenue.
- Replace with a high early strength PCC Base Course, type PP-2 material for median and with a Class C patch with PP-2 material requirements for the pipe culvert.
- Replace stop bars from previous stage, if damaged, for the left and right turn lanes of SB Sterling Avenue and add hatches to the median patch prior to removing traffic control. Match locations shown in Stage IV. (For future stage)
- Place pavement marking tape as shown in the detail below in the area of the Island patch.
- Remove stop bar in the SB turn lane of Sterling Avenue used for this stage.

TRAFFIC

Farmington Road

Farmington Road shall remain open to normal traffic movement with possible variations in patterns during this stage.

Sterling Avenue

For Median Removal

Close left lane of SB Sterling Avenue which is the left turn lane and the left lane of NB Sterling Avenue. Traffic control shall conform to TC&P Standard 701701, except as noted or shown in the plan details and Special Provisions. The Resident Engineer shall determine if additional or substitute signs are needed. Traffic shall be channelized with approved devices to remain in place for nighttime closure, during non-working hours.

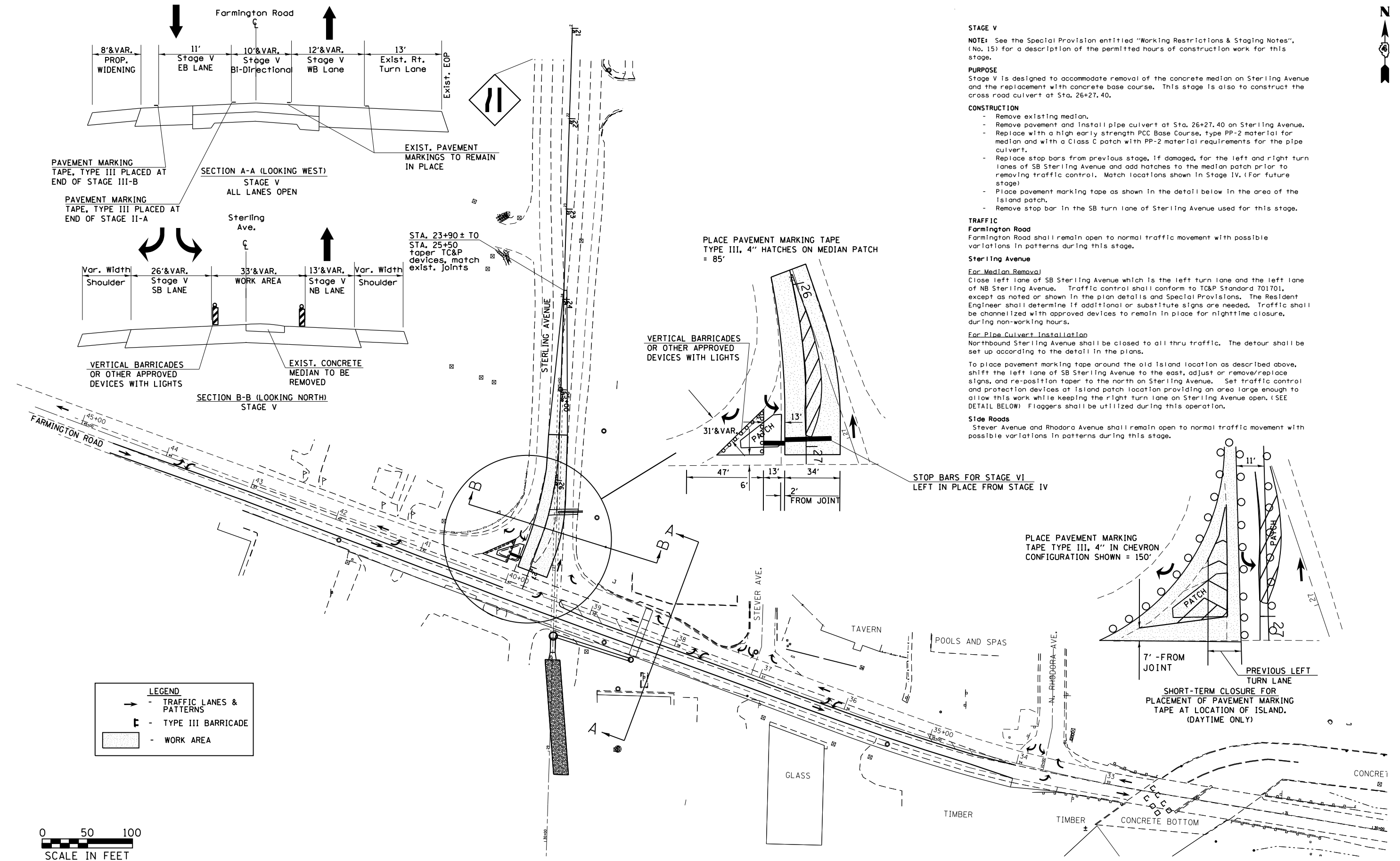
For Pipe Culvert Installation

Northbound Sterling Avenue shall be closed to all thru traffic. The detour shall be set up according to the detail in the plans.

To place pavement marking tape around the old island location as described above, shift the left lane of SB Sterling Avenue to the east, adjust or remove/replace signs, and re-position taper to the north on Sterling Avenue. Set traffic control and protection devices at island patch location providing an area large enough to allow this work while keeping the right turn lane on Sterling Avenue open. (SEE DETAIL BELOW) Flaggers shall be utilized during this operation.

Side Roads

Stever Avenue and Rhodora Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.



PAVEMENT MARKING TAPE, TYPE III PLACED AT END OF STAGE III-B

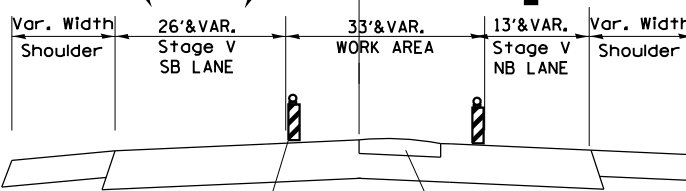
SECTION A-A (LOOKING WEST)
STAGE V
ALL LANES OPEN

EXIST. PAVEMENT MARKINGS TO REMAIN IN PLACE

PAVEMENT MARKING TAPE, TYPE III PLACED AT END OF STAGE II-A

Sterling Ave.

STA. 23+90 ± TO STA. 25+50 taper TC&P devices, match exist. joints



VERTICAL BARRICADES OR OTHER APPROVED DEVICES WITH LIGHTS

EXIST. CONCRETE MEDIAN TO BE REMOVED

SECTION B-B (LOOKING NORTH)
STAGE V

VERTICAL BARRICADES OR OTHER APPROVED DEVICES WITH LIGHTS

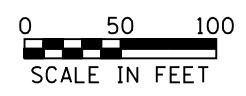
PLACE PAVEMENT MARKING TAPE TYPE III, 4" HATCHES ON MEDIAN PATCH = 85'

STOP BARS FOR STAGE VI LEFT IN PLACE FROM STAGE IV

PLACE PAVEMENT MARKING TAPE TYPE III, 4" IN CHEVRON CONFIGURATION SHOWN = 150'

SHORT-TERM CLOSURE FOR PLACEMENT OF PAVEMENT MARKING TAPE AT LOCATION OF ISLAND (DAYTIME ONLY)

LEGEND	
	TRAFFIC LANES & PATTERNS
	TYPE III BARRICADE
	WORK AREA



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE V		F.A.U. RT#.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ct:\pw\work\p1dot\aubreys\d0318675\046870-staging.dgn	DRAWN -	REVISED -				6658	10N	PEORIA	120	34
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -				CONTRACT NO. 68A70				
	PLOT DATE = 10/17/2013	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 6	OF 11 SHEETS	STA.	TO STA.			

SEQUENCE OF OPERATIONS

STAGE VI

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 16) for work hour restrictions on this stage.

PURPOSE

Stage VI is designed for installation of the cross road culvert and manhole at sta. 38+40 on the north side of Farmington Road.

CONSTRUCTION

- Work area for this stage is defined from sta. 38+00 to 39+36.
- Install manhole at rt. sta. 38+40.
- Remove pavement and install pipe culvert beginning at the centerline of Farmington Road and install in the direction of the manhole.
- Replace pavement with a Class D Patch with PP-2 material requirements.

TRAFFIC

Sterling Avenue

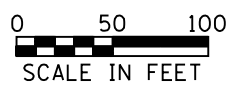
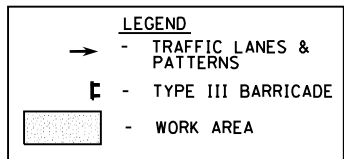
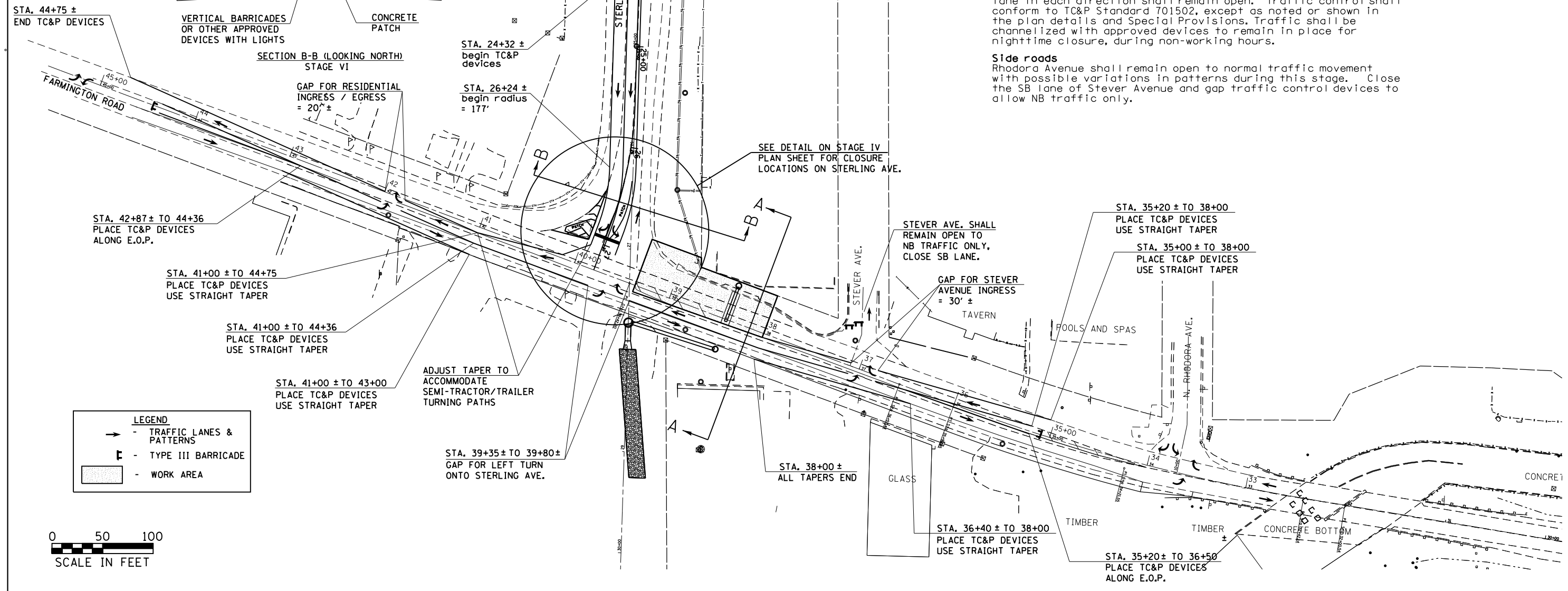
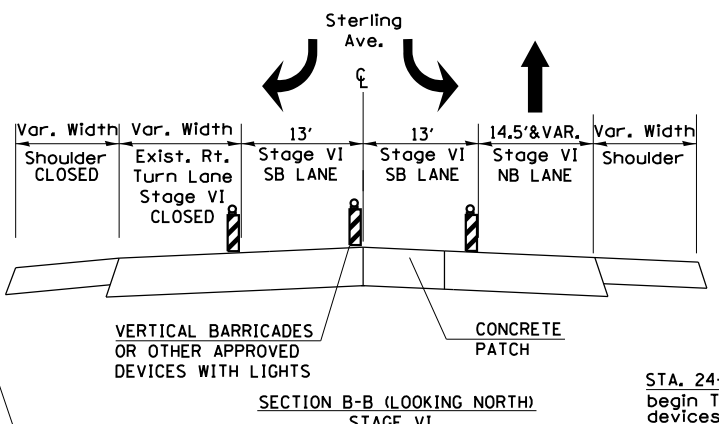
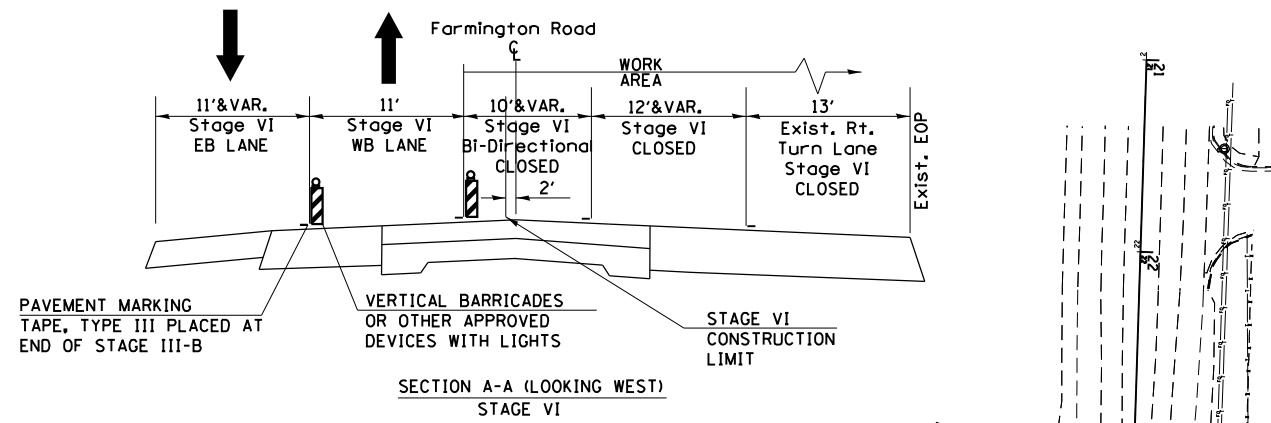
In an effort to keep traffic centralized within the intersection and within temporary signal installations for controlled turns, close the right turn lane of SB Sterling Avenue and shift both the left and right turn lanes to the east as shown on this sheet. Traffic control shall conform to TC&P Standard 701701, except as noted or shown in the plan details and Special Provisions. Traffic shall be channelized with approved devices to remain in place for nighttime closure, during non-working hours. No pavement marking tape shall be required, except at locations of stop bars.

Farmington Road

Shift the EB traffic lane of Farmington Road onto new widening on the south side of pavement. Close both the WB lane and center bi-directional turn lane and shift the WB traffic lane to EB lane previously defined by pavement marking tape. One lane in each direction shall remain open. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. Traffic shall be channelized with approved devices to remain in place for nighttime closure, during non-working hours.

Side roads

Rhodora Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage. Close the SB lane of Stever Avenue and gap traffic control devices to allow NB traffic only.



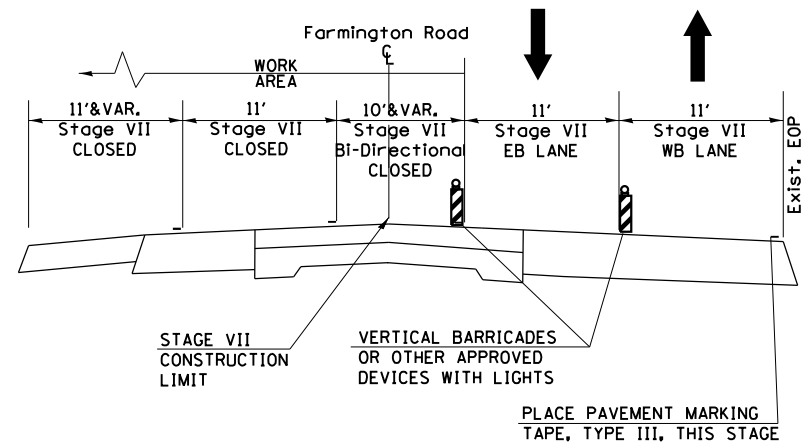
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	PLOT DATE = 10/17/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

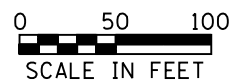
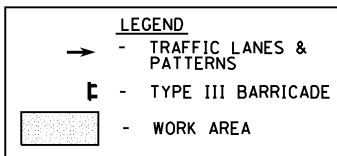
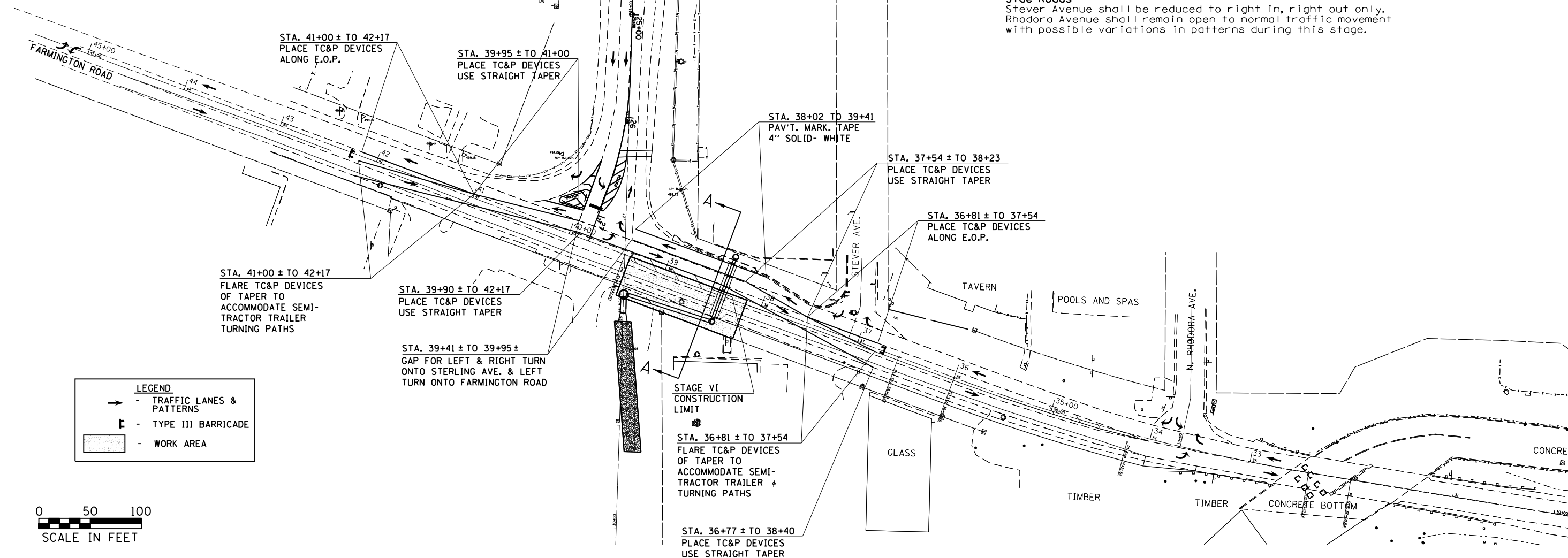
TRAFFIC CONTROL PLAN - STAGE VI

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A70	



SECTION A-A (LOOKING WEST)
STAGE VII



SEQUENCE OF OPERATIONS

STAGE VII

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 16) for work hour restrictions on this stage.

PURPOSE

Stage VII is designed for installation of the second half of the cross road culvert at sta. 38+40 on Farmington Road.

CONSTRUCTION

- Place pavement marking tape from sta. 38+02 to 39+41 to define the north edge of the WB stage traffic lane.
- Work area for this stage is defined from sta. 38+15 to 39+36.
- Remove pavement and install pipe culvert beginning at the centerline of Farmington Road.
- Replace pavement with a Class D Patch with PP-2 material requirements.

TRAFFIC

Farmington Road

Shift the WB traffic on Farmington Road into the existing right turn lane and maintain through majority of the intersection before transitioning back to actual WB lane. Close the center bi-directional turn lane and shift the EB traffic on Farmington Road to the existing WB lane. One lane in each direction shall remain open. Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. Traffic shall be channelized with approved devices to remain in place for nighttime closure, during non-working hours.

Sterling Avenue

Sterling Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.

Side Roads

Steveer Avenue shall be reduced to right in, right out only. Rhodora Avenue shall remain open to normal traffic movement with possible variations in patterns during this stage.



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	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN - STAGE VII

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	36
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

SEQUENCE OF OPERATIONS

STAGE VIII

NOTE: See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 5) for a description of the permitted hours of construction work during this stage.

PURPOSE

Because of high traffic volumes, the traffic control in Stage VIII is needed solely for the removal and replacement of pavement marking tape type III, 4" placed along centerline of Farmington Road, and the NB and SB lanes of Sterling Avenue in preparation for Stage IX.

CONSTRUCTION

- Remove pavement marking tape on Farmington Road placed in Stages II-A & II-B. Refer to those sheets and the typical sections labeled Phase I & II on this sheet.
 - Remove pavement marking tape on Sterling Avenue placed in Stage V at the former locations of the island and median.
- Place pavement marking tape type III, 4" at the following locations: (Phase I, Farmington Rd.)
- Sta. 32+26 to 39+42, (4" solid yellow)
 - Rt. sta. 40+10 to sta. 40+44, (4" solid yellow, taper)
 - Sta. 40+44 to sta. 41+80, (4" solid yellow)
 - Sta. 41+80 to sta. 43+00, (4" solid yellow taper)
 - Sta. 43+00 to sta. 44+60, (4" solid yellow taper - 2 applications)
- Place pavement marking tape type III, 4" at the following locations: (Phase II, Farmington Rd.)
- Lt. sta. 32+26 to sta. 41+80, (4" solid white)
 - Lt. sta. 32+26 to sta. 39+36, (4" solid yellow)
 - Lt. sta. 40+00 to sta. 41+80, (4" solid yellow)
 - Lt. sta. 41+80 to sta. 43+00, (4" solid yellow & white)
 - Lt. sta. 43+00 to sta. 44+60, (4" solid yellow)
- Place pavement marking tape type III, 4" at the following locations: (Sterling Avenue)
- Lt. sta. 22+80 to sta. 24+00, (4" solid yellow)
 - Lt. sta. 24+00 to sta. 27+26.5, (4" solid yellow)
 - Sta. 22+80 to sta. 27+00, (4" solid yellow, NB-SB lane division at centerline)
 - Rt. sta. 26+17 to sta. 27+00, (4" solid yellow)

TRAFFIC

Farmington Road - Phase I

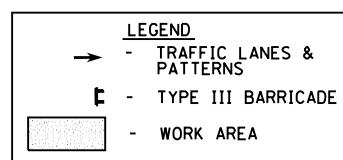
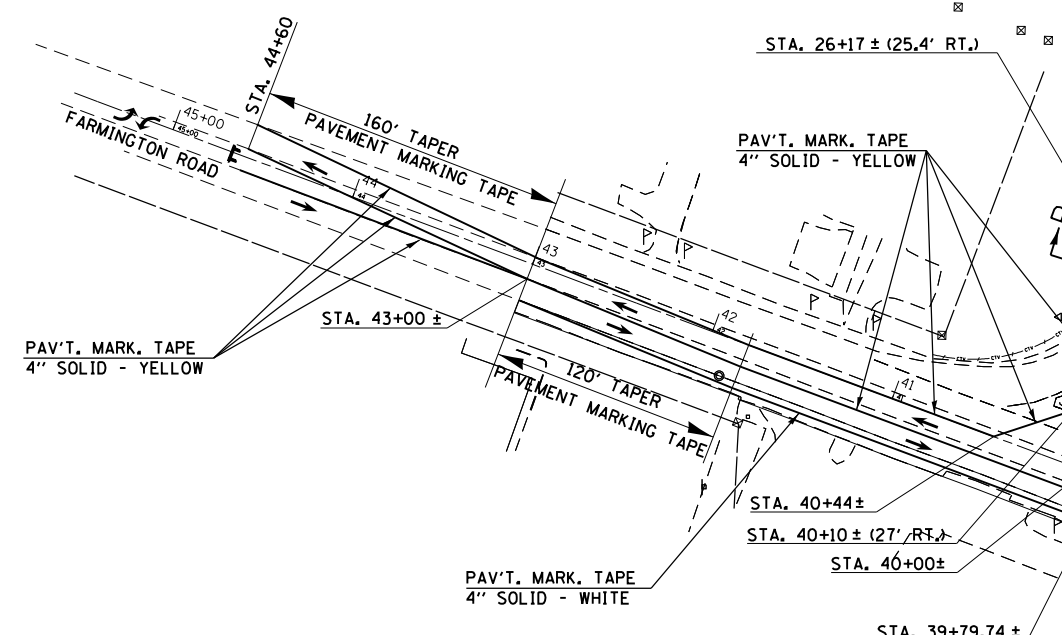
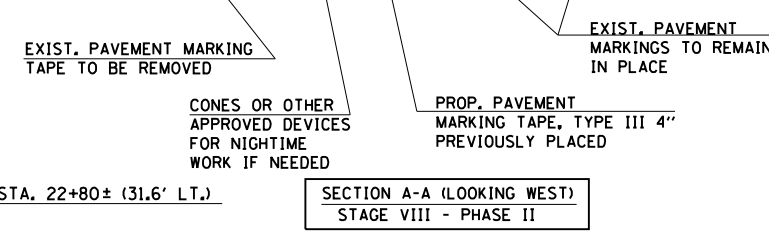
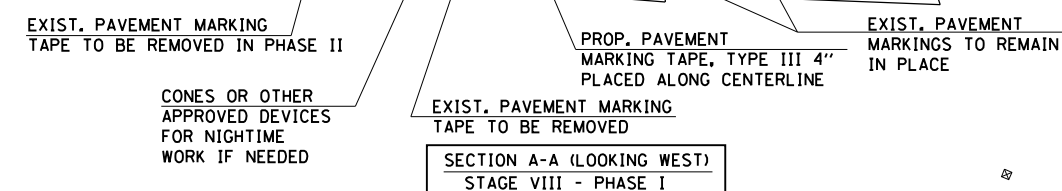
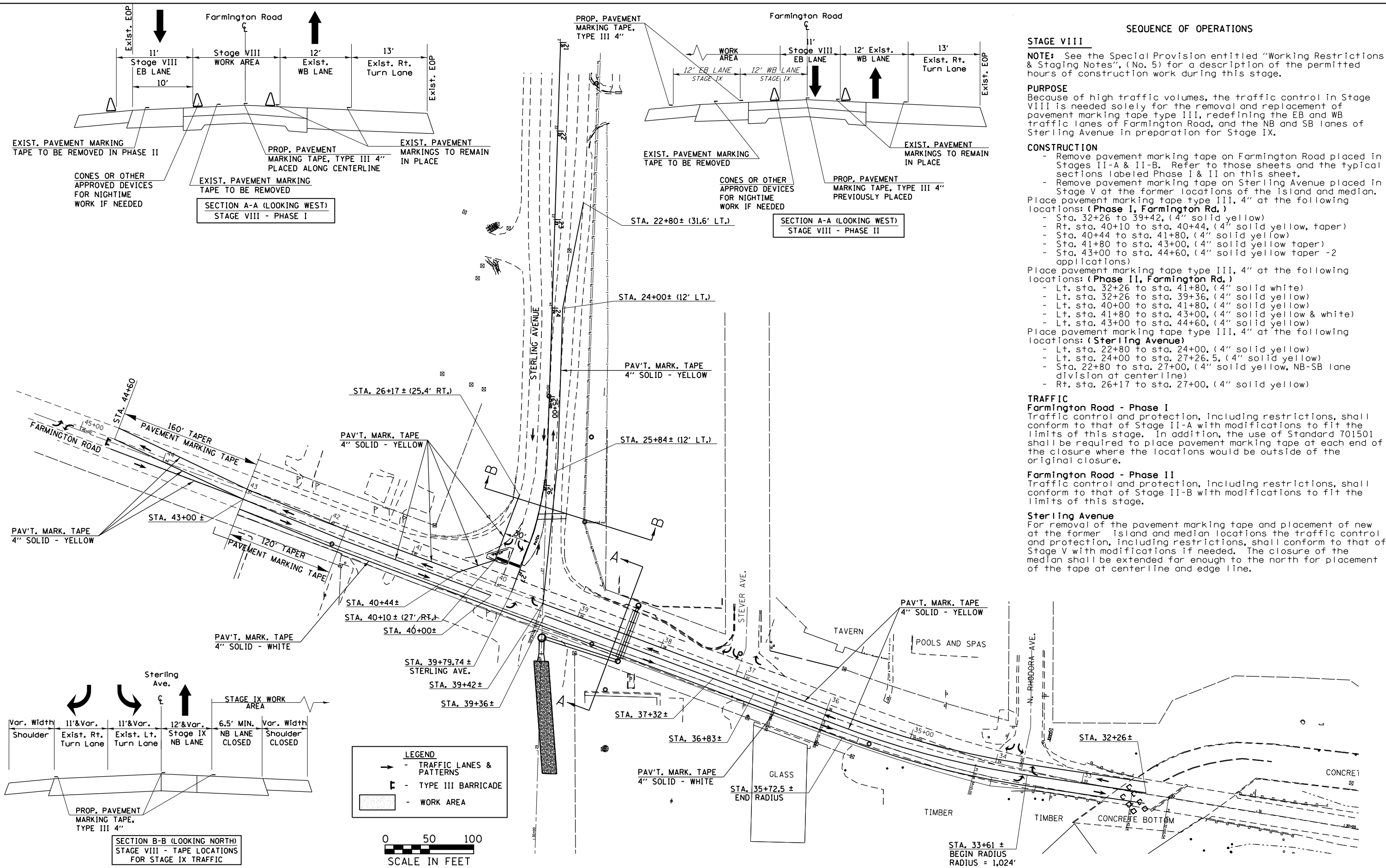
Traffic control and protection, including restrictions, shall conform to that of Stage II-A with modifications to fit the limits of this stage. In addition, the use of Standard 701501 shall be required to place pavement marking tape at each end of the closure where the locations would be outside of the original closure.

Farmington Road - Phase II

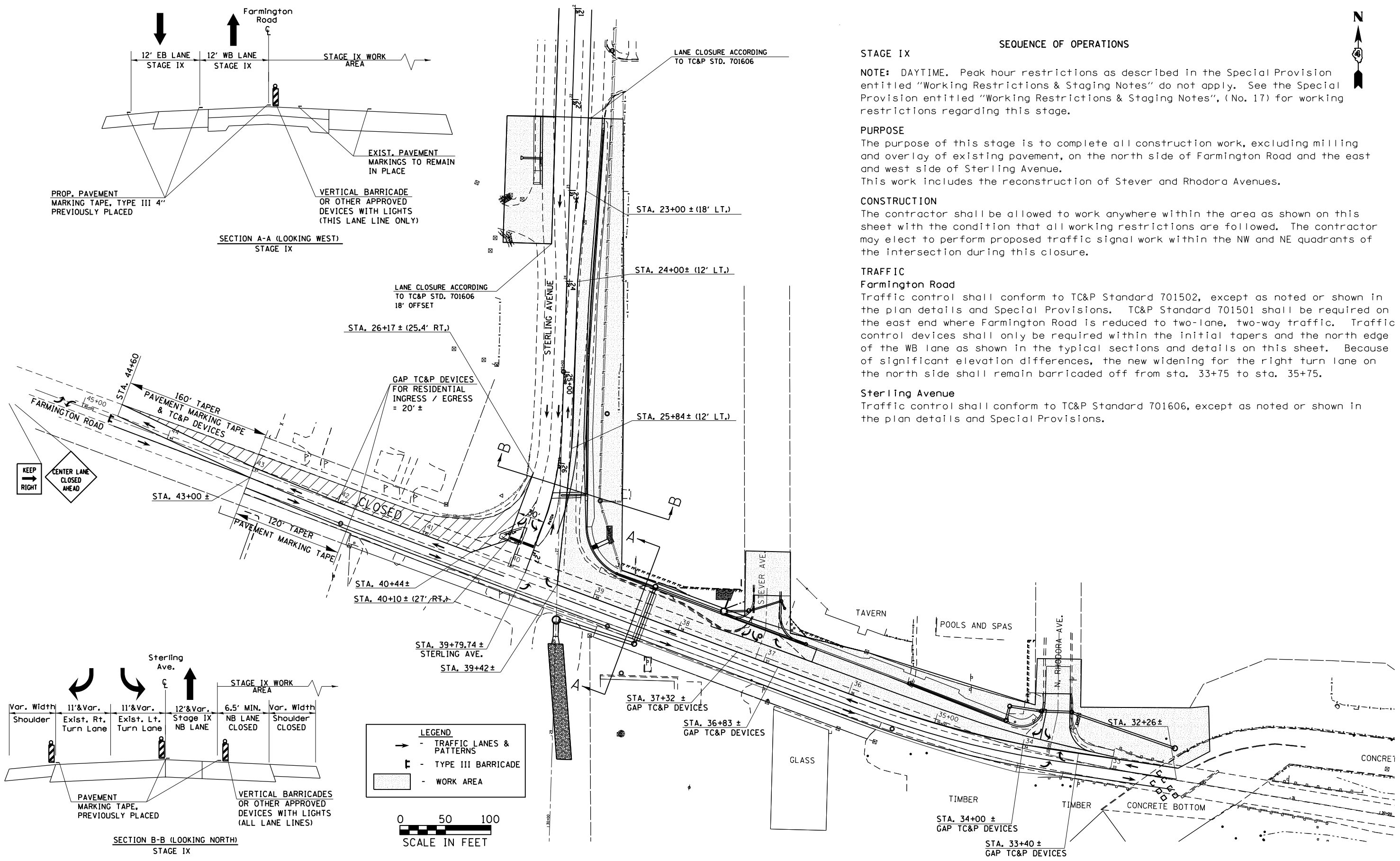
Traffic control and protection, including restrictions, shall conform to that of Stage II-B with modifications to fit the limits of this stage.

Sterling Avenue

For removal of the pavement marking tape and placement of new at the former island and median locations the traffic control and protection, including restrictions, shall conform to that of Stage V with modifications if needed. The closure of the median shall be extended far enough to the north for placement of the tape at centerline and edge line.



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE VIII		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Plot Scale = 100.0000' / in.	DRAWN -	REVISED -				6658	10N	PEORIA	120	37
	PLOT DATE = 10/17/2013	CHECKED -	REVISED -				CONTRACT NO. 68A70				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



SEQUENCE OF OPERATIONS

STAGE IX

NOTE: DAYTIME. Peak hour restrictions as described in the Special Provision entitled "Working Restrictions & Staging Notes" do not apply. See the Special Provision entitled "Working Restrictions & Staging Notes", (No. 17) for working restrictions regarding this stage.

PURPOSE

The purpose of this stage is to complete all construction work, excluding milling and overlay of existing pavement, on the north side of Farmington Road and the east and west side of Sterling Avenue. This work includes the reconstruction of Stever and Rhodora Avenues.

CONSTRUCTION

The contractor shall be allowed to work anywhere within the area as shown on this sheet with the condition that all working restrictions are followed. The contractor may elect to perform proposed traffic signal work within the NW and NE quadrants of the intersection during this closure.

TRAFFIC

Farmington Road

Traffic control shall conform to TC&P Standard 701502, except as noted or shown in the plan details and Special Provisions. TC&P Standard 701501 shall be required on the east end where Farmington Road is reduced to two-lane, two-way traffic. Traffic control devices shall only be required within the initial tapers and the north edge of the WB lane as shown in the typical sections and details on this sheet. Because of significant elevation differences, the new widening for the right turn lane on the north side shall remain barricaded off from sta. 33+75 to sta. 35+75.

Sterling Avenue

Traffic control shall conform to TC&P Standard 701606, except as noted or shown in the plan details and Special Provisions.

FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE IX	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 100.0000' / in.	DRAWN -	REVISED -			6658	10N	PEORIA	120	38	
	PLOT DATE = 10/17/2013	CHECKED -	REVISED -			CONTRACT NO. 68A70					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



SEQUENCE OF OPERATIONS

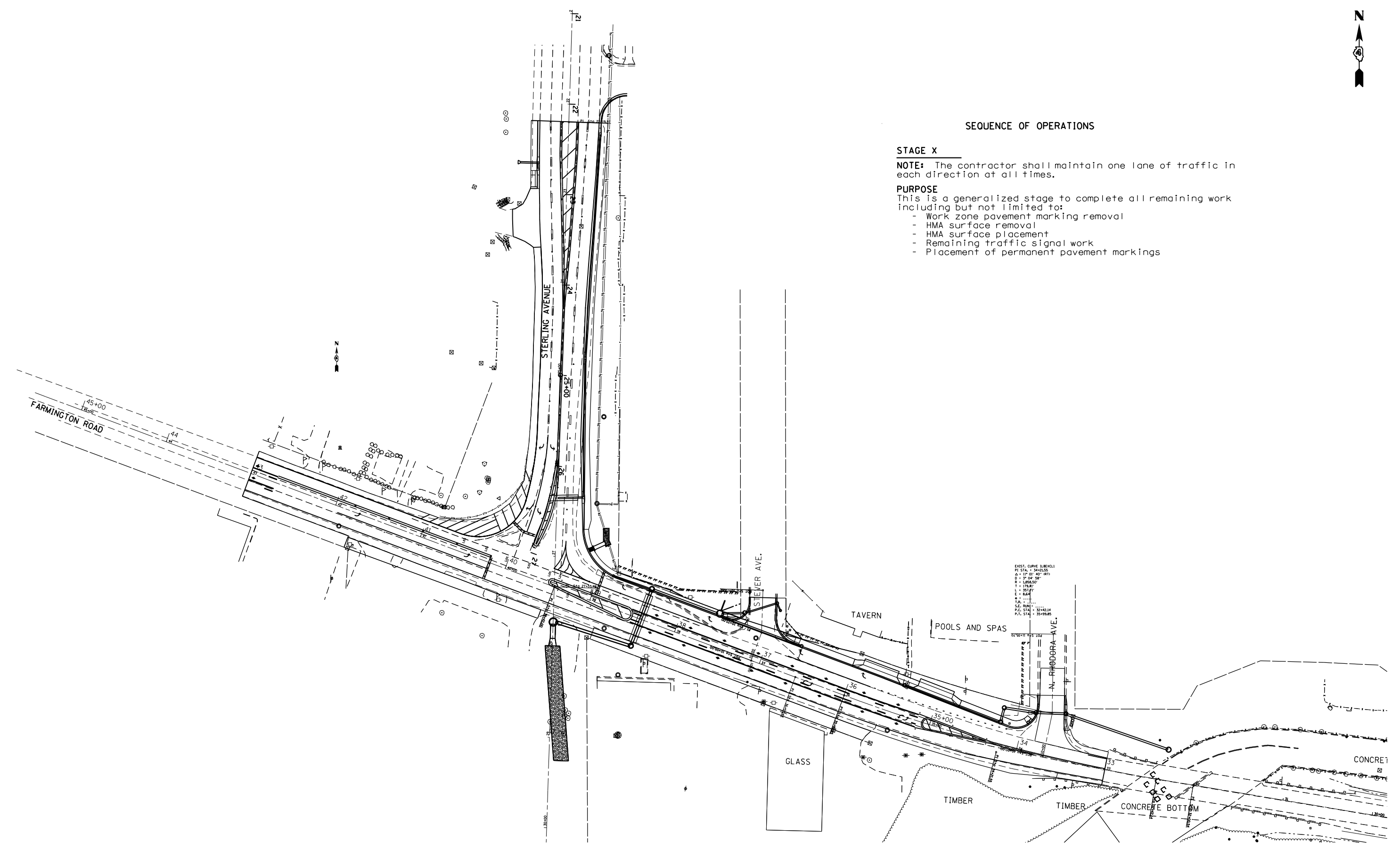
STAGE X

NOTE: The contractor shall maintain one lane of traffic in each direction at all times.

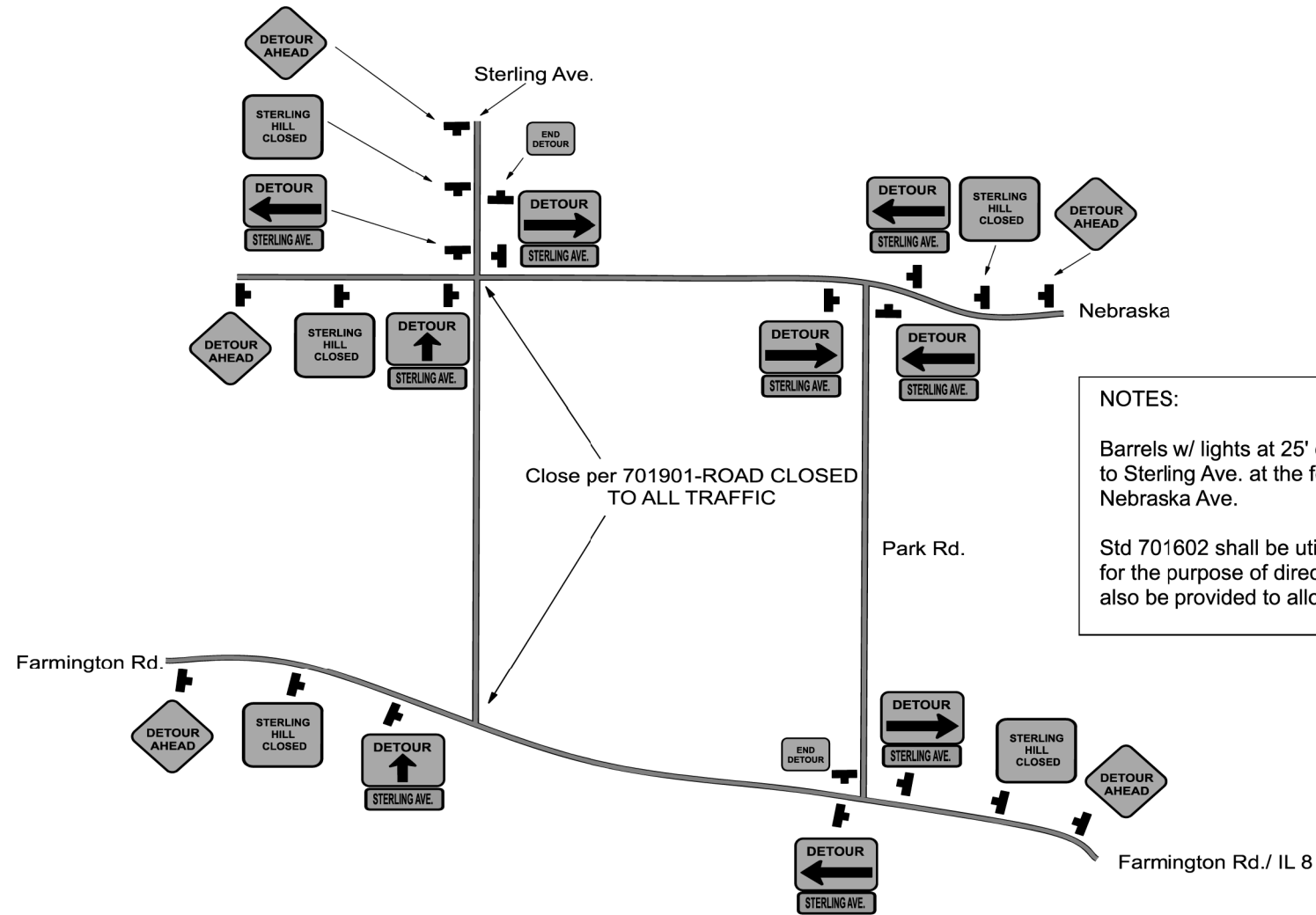
PURPOSE

This is a generalized stage to complete all remaining work including but not limited to:

- Work zone pavement marking removal
- HMA surface removal
- HMA surface placement
- Remaining traffic signal work
- Placement of permanent pavement markings



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE X			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\aubreys\d0318675\046870-staging.dgn		DRAWN -	REVISED -					6658	ION	PEORIA	120	39
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 68A70				
	PLOT DATE = 10/17/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTES:

Barrels w/ lights at 25' cts. shall be used to close turn lanes to Sterling Ave. at the following locations: Farmington Road-both sides, Nebraska Ave.

Std 701602 shall be utilized to close the driving lane of Sterling Ave. for the purpose of directing traffic to the left turn lane. A "chute" shall also be provided to allow any right turning traffic to make that movement.

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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

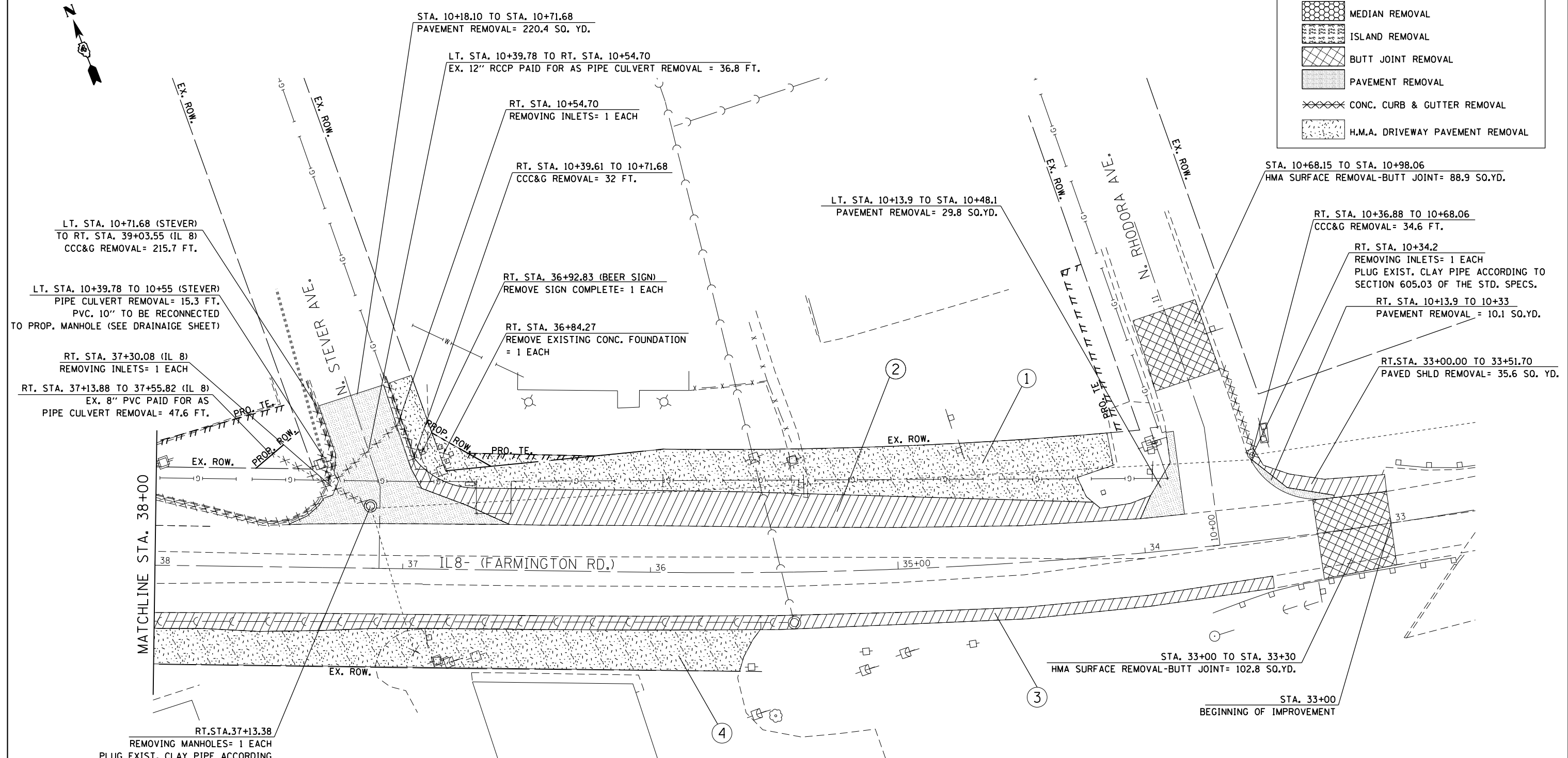
STERLING DETOUR DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	ION	PEORIA	120	40
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

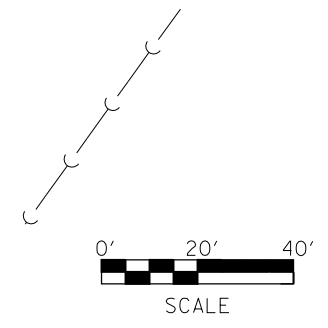
CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED= 20 FT.
SEE PROPOSED DRAINAGE SHEET 1 FOR LOCATION CALL OUT

	PAVED SHOULDER REMOVAL
	MEDIAN REMOVAL
	ISLAND REMOVAL
	BUTT JOINT REMOVAL
	PAVEMENT REMOVAL
	CONC. CURB & GUTTER REMOVAL
	H.M.A. DRIVEWAY PAVEMENT REMOVAL



LEGEND

- RT. STA. 34+09.80 TO RT. STA. 10+71.68 (STEVER)
H.M.A DRIVEWAY PVT REMOVAL = 590.7 SQ.YD.
- RT. STA. 33+95.71 TO RT. STA. 36+95.94
PAVED SHOULDER REMOVAL = 389 SQ. YD.
- LT. STA. 33+50 TO LT. STA. 43+00
PAVED SHOULDER REMOVAL = 637.2 SQ. YD.
- LT. STA. 35+55.89 TO LT. STA. 38+84.98
H.M.A. DRIVEWAY PAVEMENT REMOVAL = 540.9 SQ.YD.



FILE NAME =	USER NAME = aubreygs	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

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REMOVAL ITEMS AND EXISTING UTILITY INFORMATION

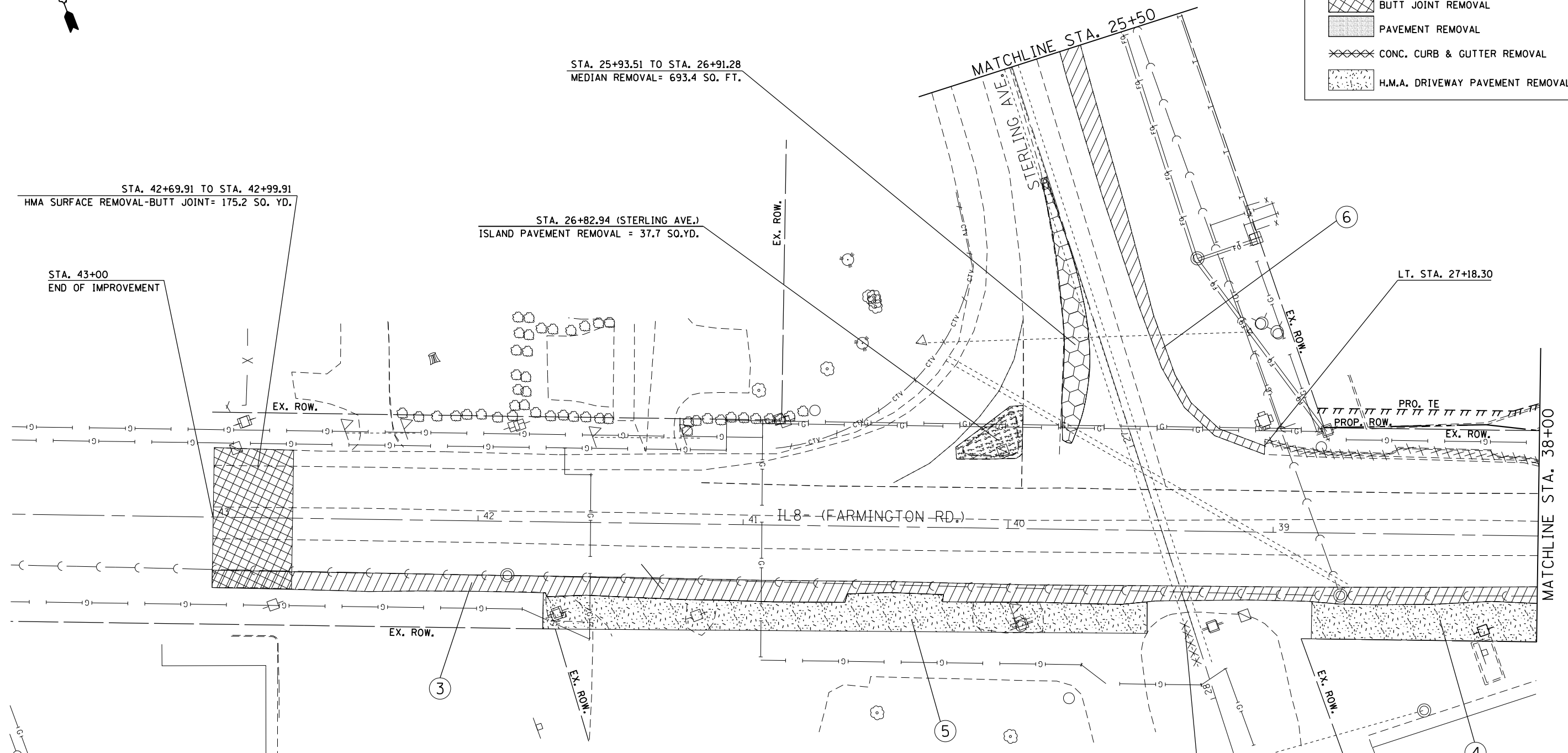
SCALE: SHEET 1 OF 3 SHEETS STA. 33+00 TO STA. 38+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6586	10N	PEORIA	120	41
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 68A70



	PAVED SHOULDER REMOVAL
	MEDIAN REMOVAL
	ISLAND REMOVAL
	BUTT JOINT REMOVAL
	PAVEMENT REMOVAL
	CONC. CURB & GUTTER REMOVAL
	H.M.A. DRIVEWAY PAVEMENT REMOVAL

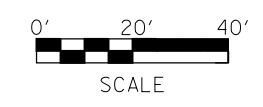


LEGEND

③	LT. STA. 33+50 TO LT. STA. 43+00 PAVED SHOULDER REMOVAL = 635.5 SO. YD.
④	LT. STA. 35+55.89 TO LT. STA. 38+84.98 H.M.A. DRIVEWAY PAVEMENT REMOVAL = 540.9 SO. YD.
⑤	LT. STA. 39+47.12 TO LT. STA. 41+75.00 H.M.A. DRIVEWAY PAVEMENT REMOVAL = 302.5 SO. YD.
⑥	LT. STA. 22+19.55 TO LT. STA. 27+18.30 (STERLING AVE.) PAVED SHOULDER REMOVAL = 400 SO. YD.

LT. STA. 39+29.42
RCC 54" REMOVAL PAID AS
CULVERT PIPE REMOVAL RCC. 54" = 15.0 FT.

TREE REMOVAL (6 TO 15 UNITS DIA.) = 84 UNITS
TREE REMOVAL (OVER 15 UNITS DIA.) = 32 UNITS



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	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

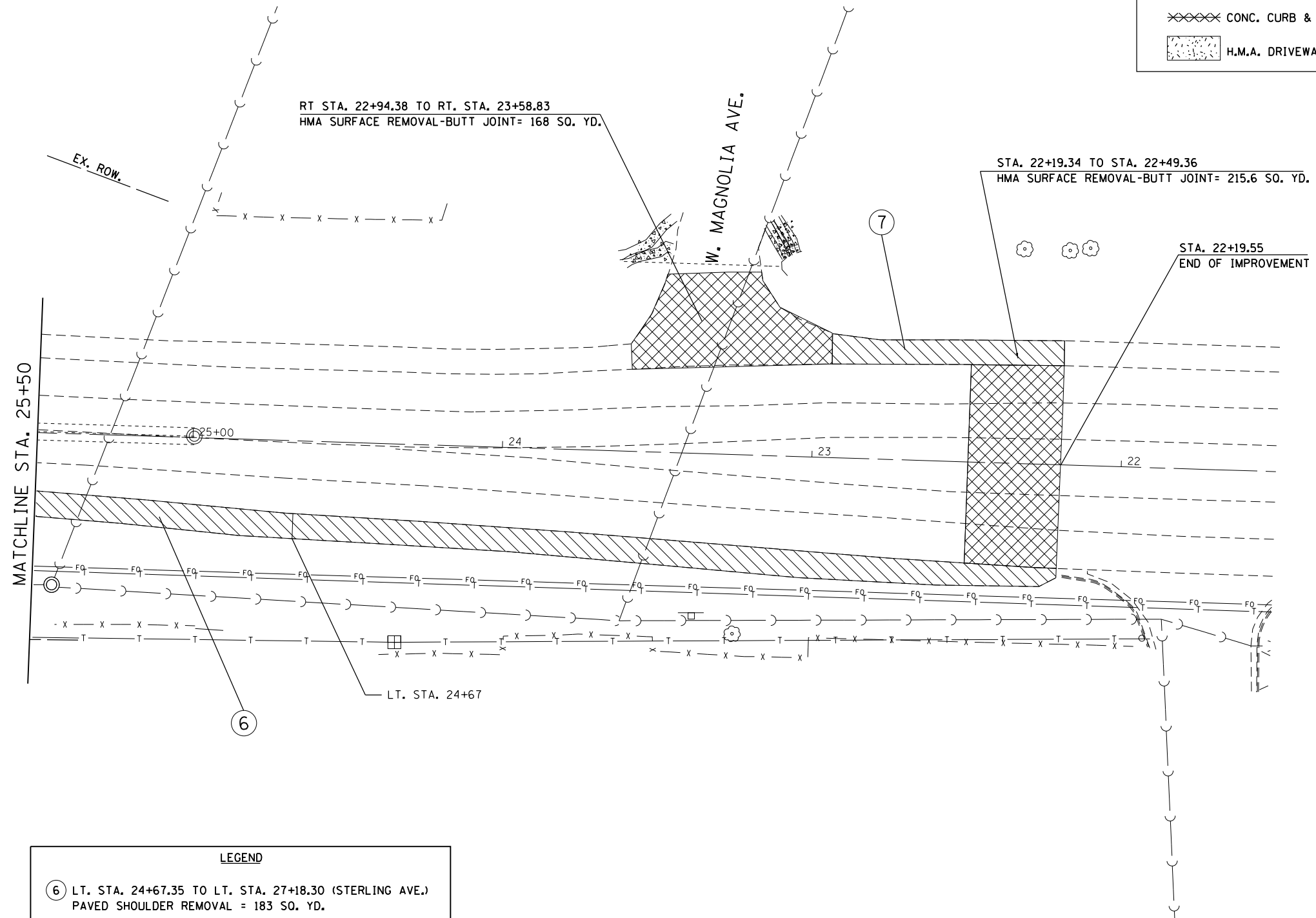
REMOVAL ITEMS AND EXISTING UTILITY INFORMATION

SCALE: SHEET 2 OF 3 SHEETS STA. 38+00 TO STA. 43+00

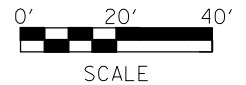
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6586	10N	PEORIA	120	42
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



	PAVED SHOULDER REMOVAL
	MEDIAN REMOVAL
	ISLAND REMOVAL
	BUTT JOINT REMOVAL
	PAVEMENT REMOVAL
	CONC. CURB & GUTTER REMOVAL
	H.M.A. DRIVEWAY PAVEMENT REMOVAL



LEGEND	
⑥	LT. STA. 24+67.35 TO LT. STA. 27+18.30 (STERLING AVE.) PAVED SHOULDER REMOVAL = 183 SQ. YD.
⑦	RT. STA. 22+19.55 TO RT. STA. 22+94.38 PAVED SHOULDER REMOVAL = 67.5 SQ. YD.



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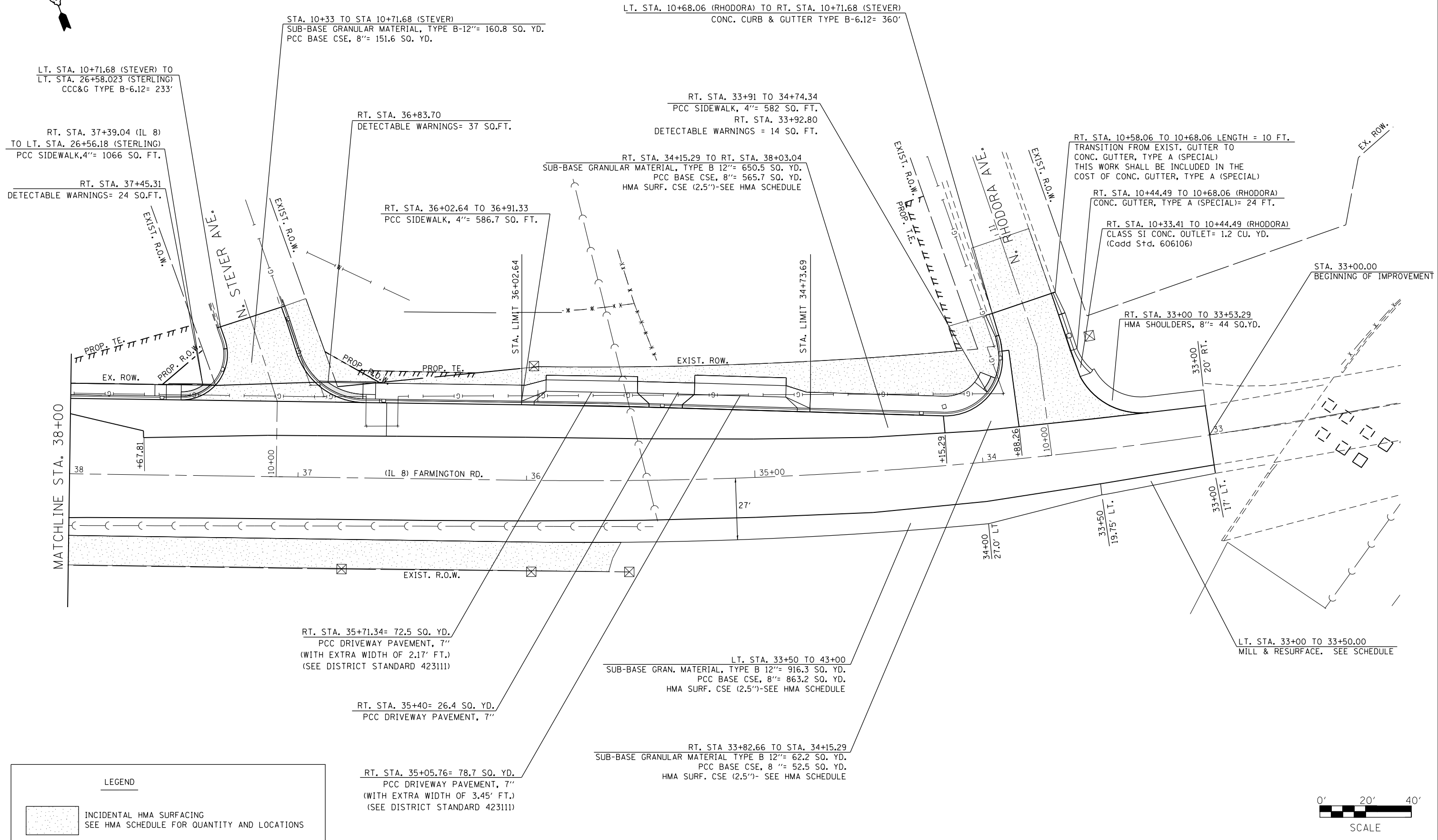
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL ITEMS AND EXISTING UTILITY INFORMATION			
SCALE:	SHEET 3	OF 3	SHEETS
	STA. 25+50		TO STA. 22+19.5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6586	10N	PEORIA	120	43
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

NOTES

1. PAY LIMITS FOR THE PROPOSED INLETS WAS OMITTED FROM THE PROPOSED CCC&G OR GUTTER QUANTITY



LEGEND

INCIDENTAL HMA SURFACING
SEE HMA SCHEDULE FOR QUANTITY AND LOCATIONS

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	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEET

SCALE: 20' SHEET 1 OF 3 SHEETS STA. 33+00 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	44
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

NOTES

1. PAY LIMITS FOR THE PROPOSED INLETS WAS SUBTRACTED FROM THE PROPOSED CCC&G OR GUTTER QUANTITY
2. THE ISLAND AND MEDIAN SHALL BE CONSTRUCTED ACCORDING TO SECTION 353 OF THE STANDARDS AND SPECIFICATIONS. THE MATERIAL SHALL BE A PP2 MIXTURE DESIGN, ACCORDING TO SECTION 1020 OF THE STANDARDS AND SPECIFICATIONS.



LEGEND

- AGG. SURFACE COURSE TYPE B, 6"
- HIGH EARLY STRENGTH PCC PAVEMENT 10"
- INCIDENTAL HMA SURFACING
SEE HMA SCHEDULE FOR QUANTITY AND LOCATIONS

LT. STA. 25+71.09 (STERLING) TO RT. STA. 38+94.75 (IL 8)
 SUB-BASE GRANULAR MATERIAL, TYPE B 12"= 213.4 SQ. YD.
 PCC BASE CSE, 8"= 167.9 SQ.YD.
 HMA SURFACE COURSE, MIX "C", N70-SEE SCHEDULE

LT. STA. 22+19.55 TO 26+56.18
 PCC SIDEWALK, 4" = 3,108 SQ. FT.

REMOVAL LIMITS OF OLD MEDIAN
 SUB-BASE GRANULAR MATERIAL, TYPE B, 6"= 77 SQ. YD.
 HIGH EARLY STRENGTH PCC PAVEMENT 10"= 77 SQ. YD.
 (SEE NOTE #2)

STA. 26+27.40
 CLASS D PATCHES, TYPE 3, 12"
 =21.0 SQ. YD.

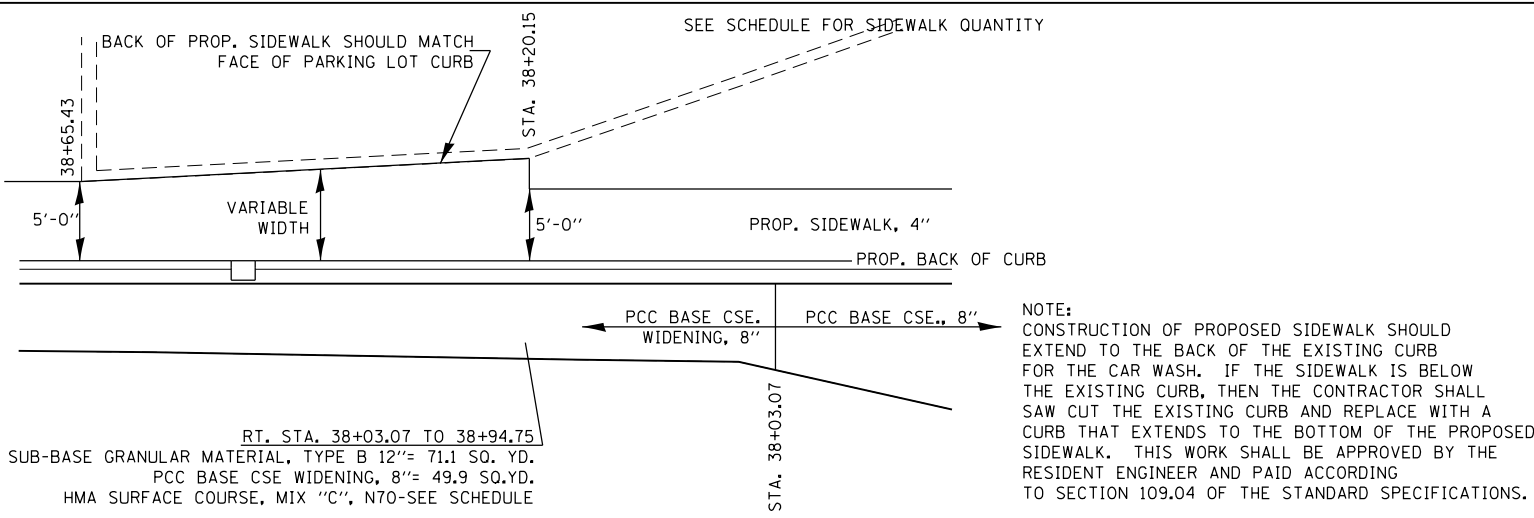
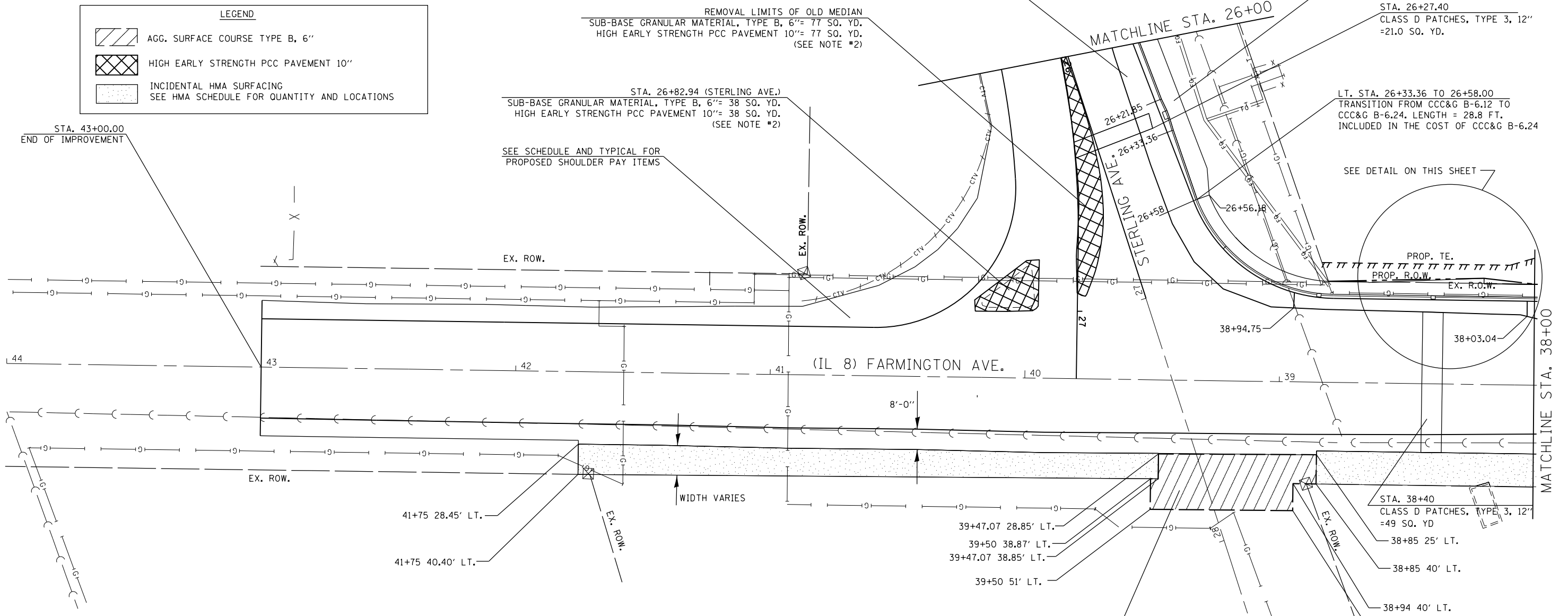
STA. 26+82.94 (STERLING AVE.)
 SUB-BASE GRANULAR MATERIAL, TYPE B, 6"= 38 SQ. YD.
 HIGH EARLY STRENGTH PCC PAVEMENT 10"= 38 SQ. YD.
 (SEE NOTE #2)

LT. STA. 26+33.36 TO 26+58.00
 TRANSITION FROM CCC&G B-6.12 TO
 CCC&G B-6.24. LENGTH = 28.8 FT.
 INCLUDED IN THE COST OF CCC&G B-6.24

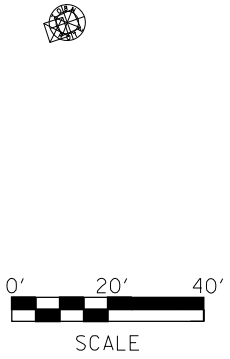
SEE SCHEDULE AND TYPICAL FOR
 PROPOSED SHOULDER PAY ITEMS

SEE DETAIL ON THIS SHEET

STA. 43+00.00
 END OF IMPROVEMENT



NOTE:
 CONSTRUCTION OF PROPOSED SIDEWALK SHOULD EXTEND TO THE BACK OF THE EXISTING CURB FOR THE CAR WASH. IF THE SIDEWALK IS BELOW THE EXISTING CURB, THEN THE CONTRACTOR SHALL SAW CUT THE EXISTING CURB AND REPLACE WITH A CURB THAT EXTENDS TO THE BOTTOM OF THE PROPOSED SIDEWALK. THIS WORK SHALL BE APPROVED BY THE RESIDENT ENGINEER AND PAID ACCORDING TO SECTION 109.04 OF THE STANDARD SPECIFICATIONS.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEET

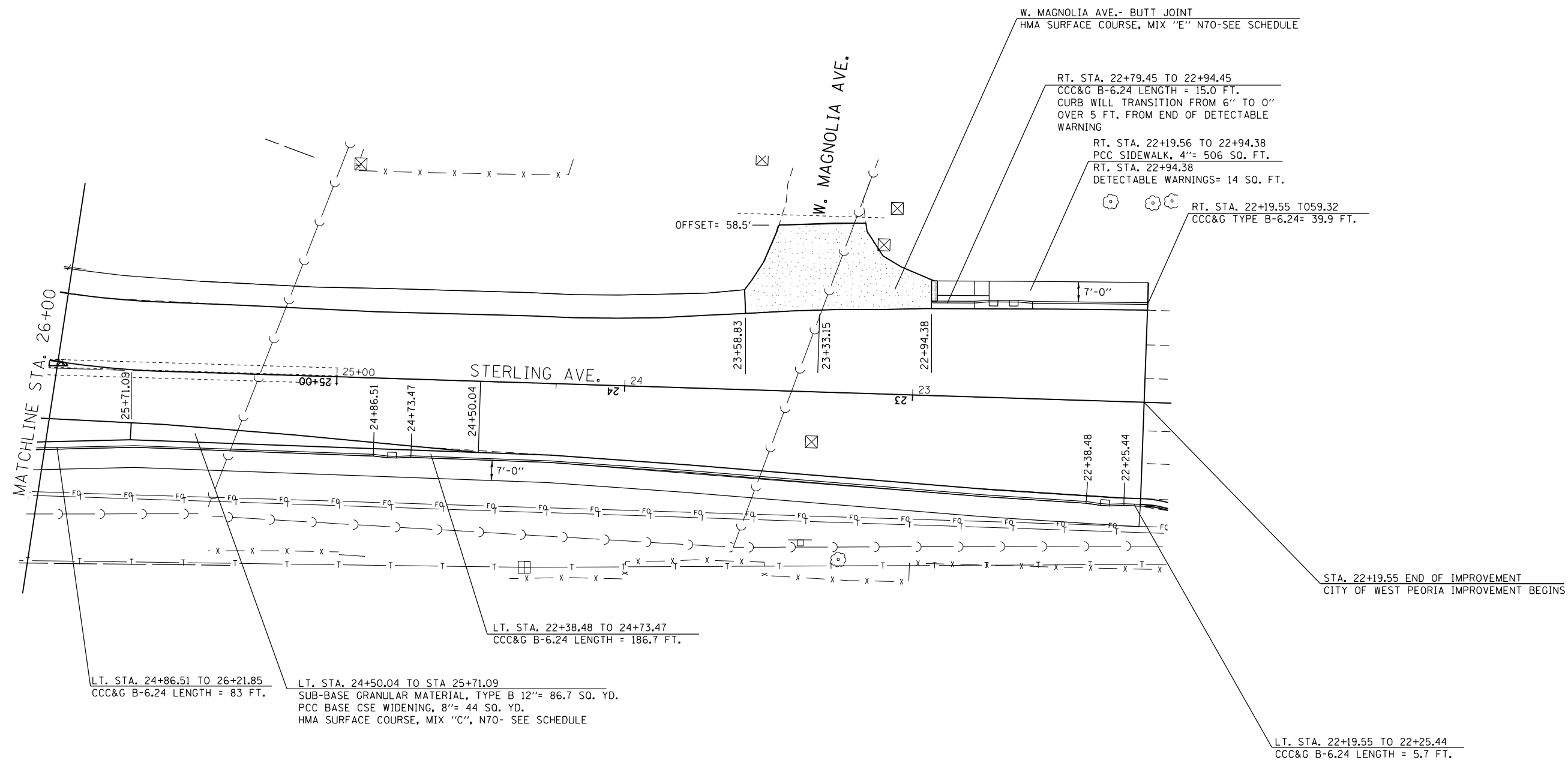
SCALE: 20 SHEET 2 OF 3 SHEETS STA. 38+00 TO STA. 43+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	45
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



NOTES

1. PAY LIMITS FOR THE PROPOSED INLETS WAS OMITTED FROM THE PROPOSED CCC&G OR GUTTER QUANTITY



LEGEND



INCIDENTAL HMA SURFACING



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -
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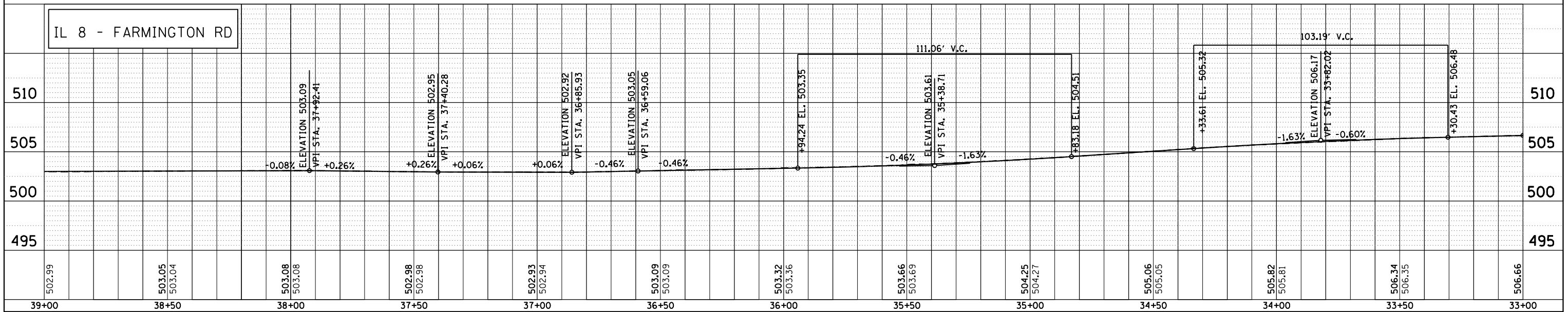
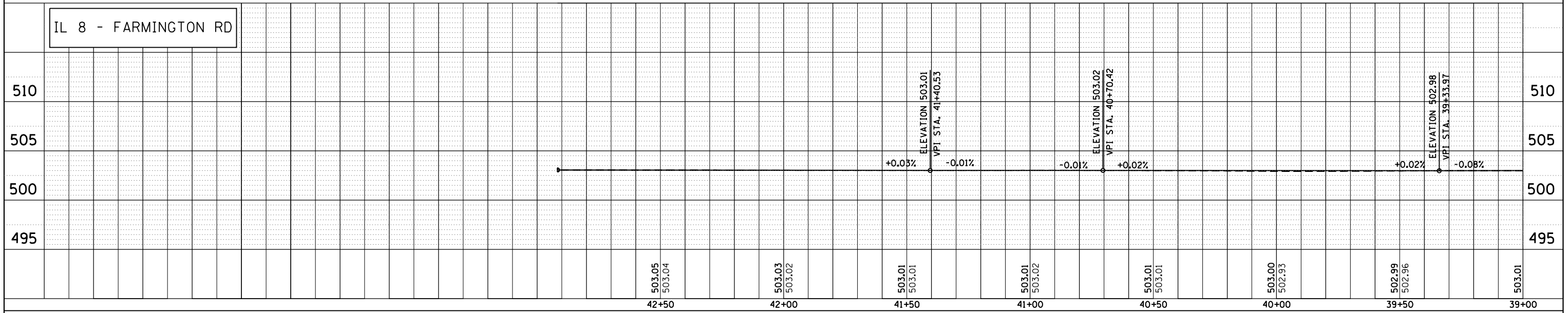
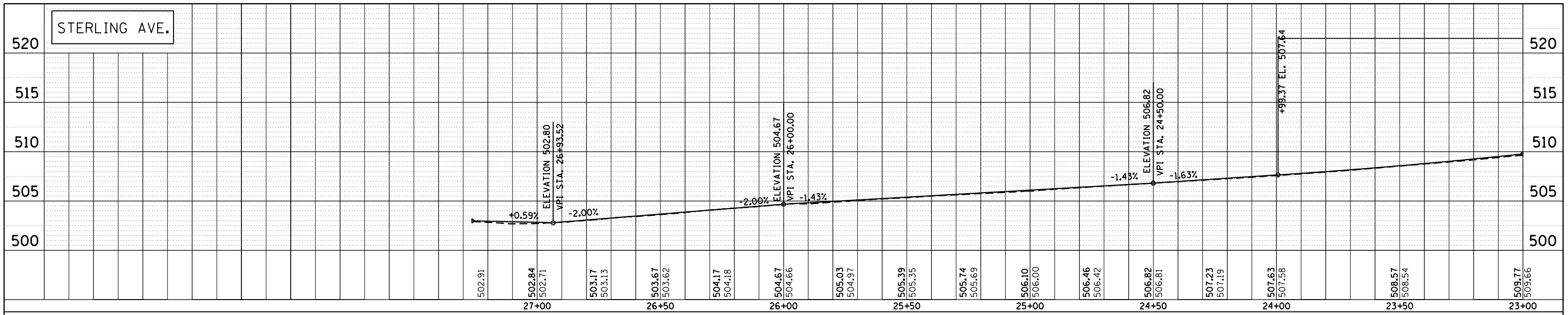
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN SHEET

SCALE: 20 SHEET 3 OF 3 SHEETS STA. 22+19.56 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	ION	PEORIA	120	46
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHK'D		
	NO.		



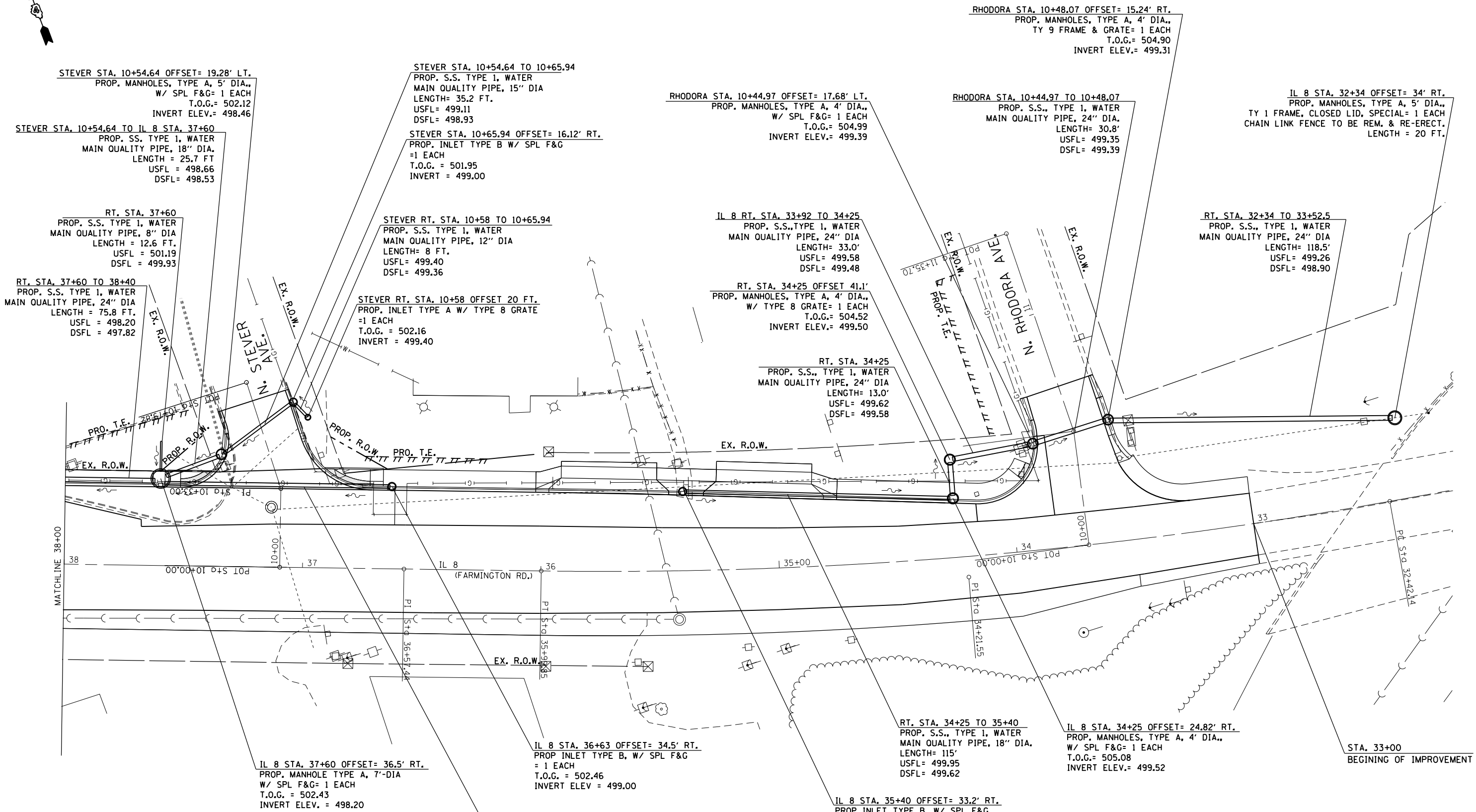
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	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

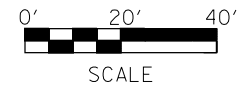
EXISTING/PROPOSED PROFILES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A70	



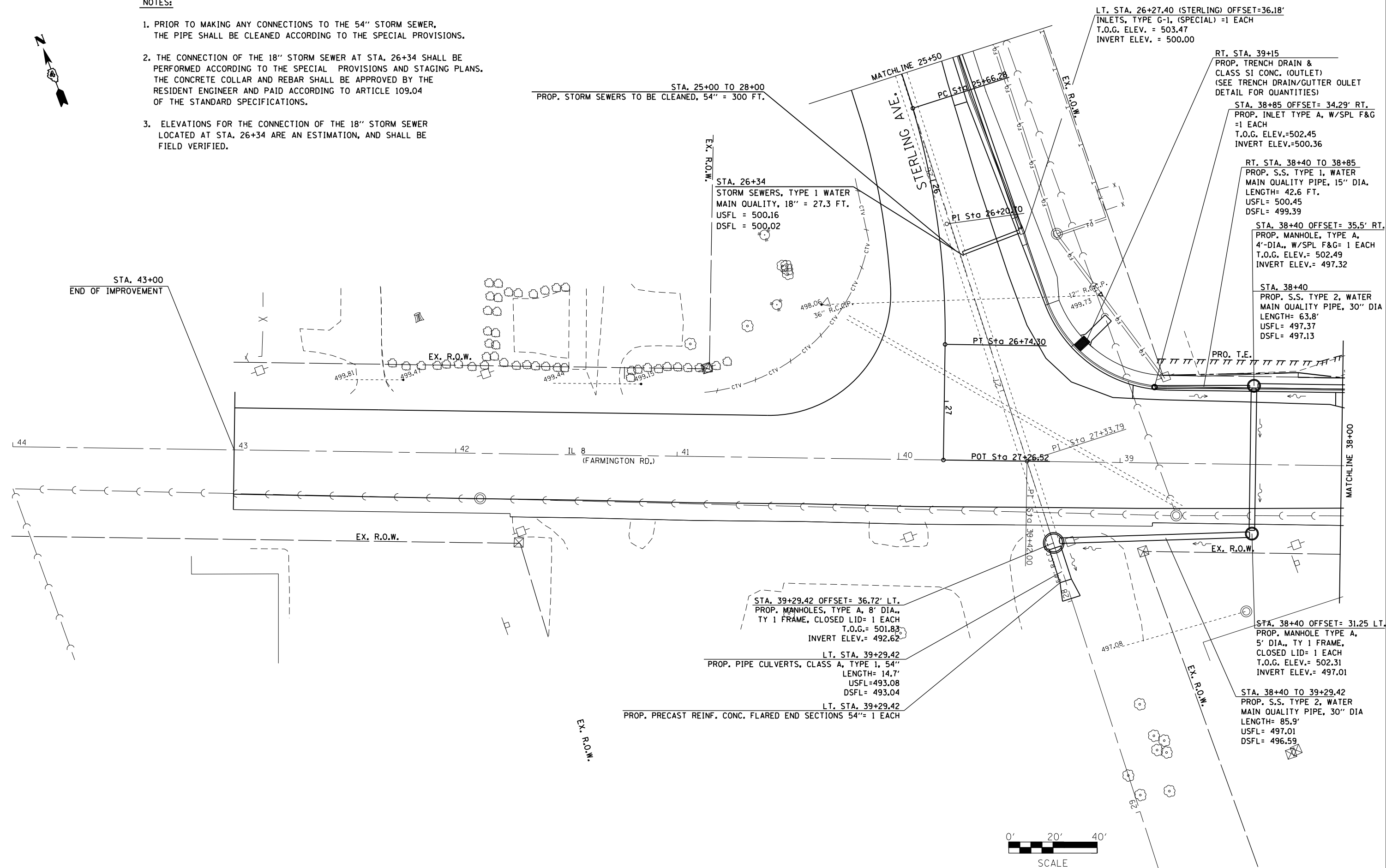
NOTE:
 1. SEE PROPOSED PLAN SHEETS FOR CCC&G LOCATIONS.
 2. THE ENGINEER SHALL APPROVE THE REMOVAL AND RE-ERECT OF THE CHAIN LINK FENCE. THIS SHALL ONLY BE DONE IF NECESSARY.



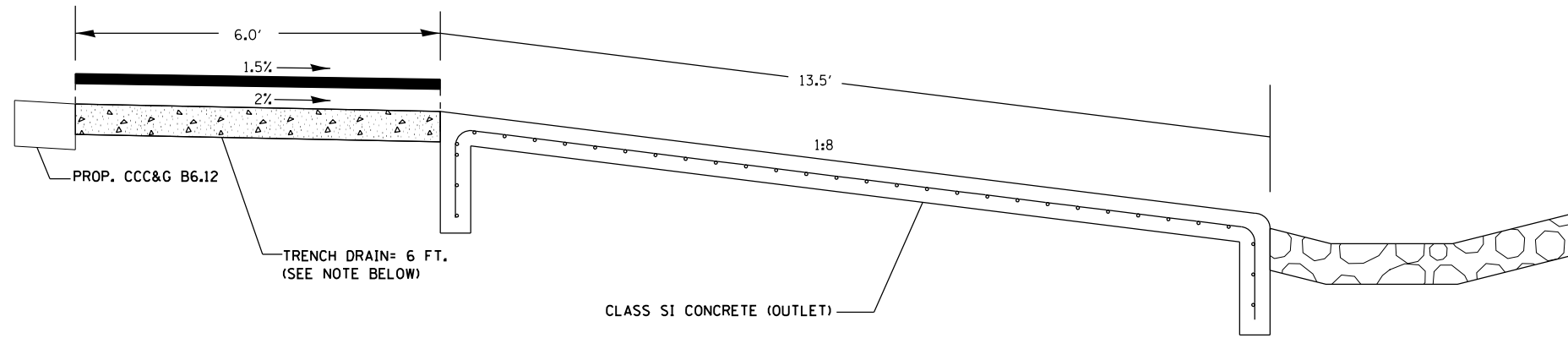
FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 40.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	6658	ION	PEORIA	120	48
	PLOT DATE = 10/17/2013	CHECKED -	REVISED -		STA. 33+00	TO STA. 38+00		CONTRACT NO. 68A70		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -										

NOTES:

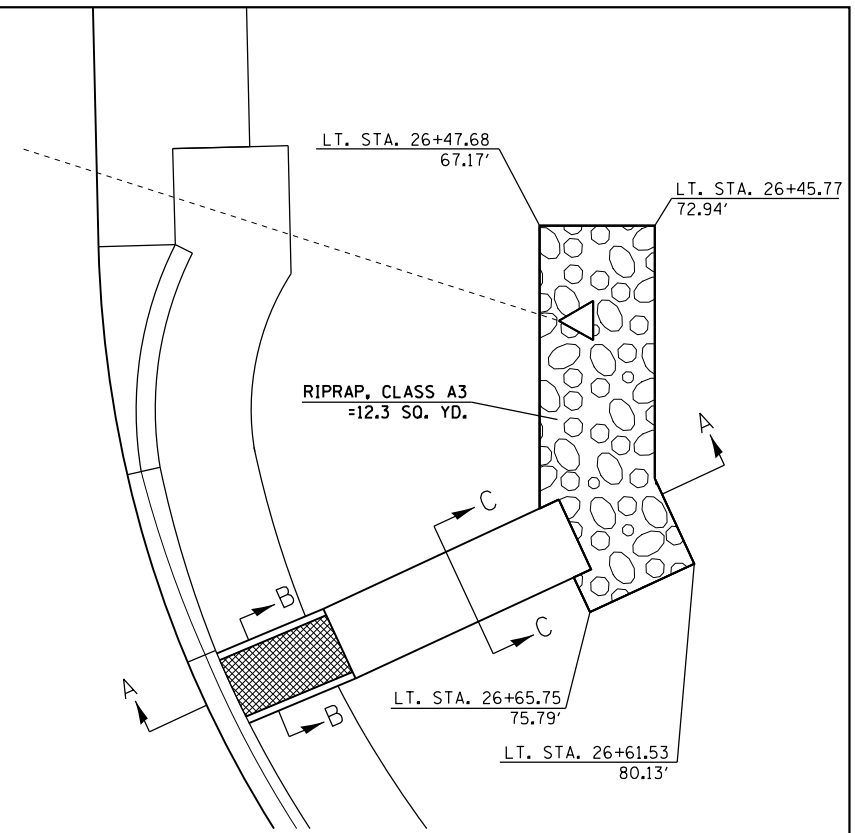
1. PRIOR TO MAKING ANY CONNECTIONS TO THE 54" STORM SEWER, THE PIPE SHALL BE CLEANED ACCORDING TO THE SPECIAL PROVISIONS.
2. THE CONNECTION OF THE 18" STORM SEWER AT STA. 26+34 SHALL BE PERFORMED ACCORDING TO THE SPECIAL PROVISIONS AND STAGING PLANS. THE CONCRETE COLLAR AND REBAR SHALL BE APPROVED BY THE RESIDENT ENGINEER AND PAID ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
3. ELEVATIONS FOR THE CONNECTION OF THE 18" STORM SEWER LOCATED AT STA. 26+34 ARE AN ESTIMATION, AND SHALL BE FIELD VERIFIED.



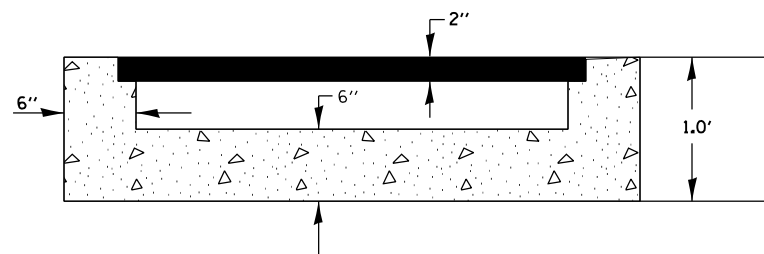
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 68A70							
	PLOT DATE = 10/17/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



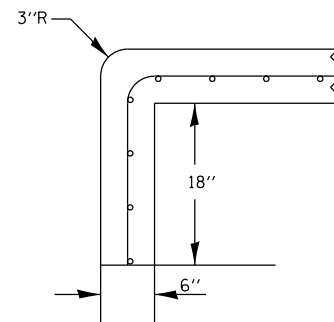
SECTION A-A



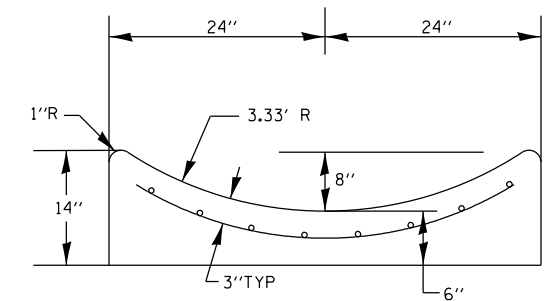
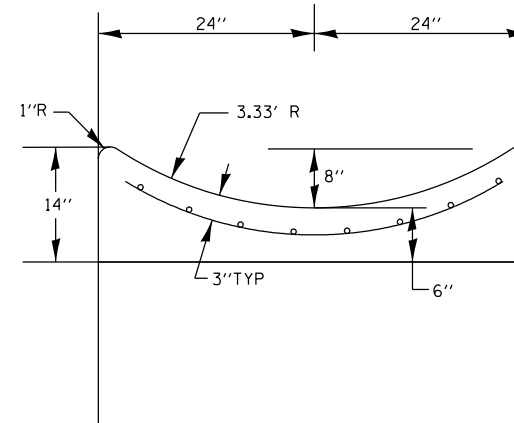
PLAN VIEW



SECTION B-B



SECTION AT ENDS OF OUTLET
(CURTAIN WALL)



SECTION C-C

NOTE:
TRENCH DRAIN GRATE SHALL BE IN ACCORDANCE WITH NEENAH R-4990-LX, TYPE D, SOLID LID OR AN APPROVED EQUIVALENT AND SHALL BE INCLUDED IN THE COST OF TRENCH DRAIN.

QUANTITY
FOR ENTIRE CLASS SI CONC. (OUTLET) = 1.7 CU. YD.

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Default	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRENCH DRAIN/GUTTER OUTLET DETAIL




SCALE: SHEET OF SHEETS STA. TO STA.

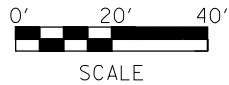
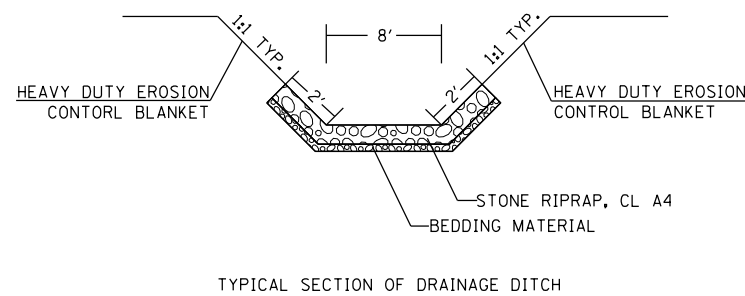
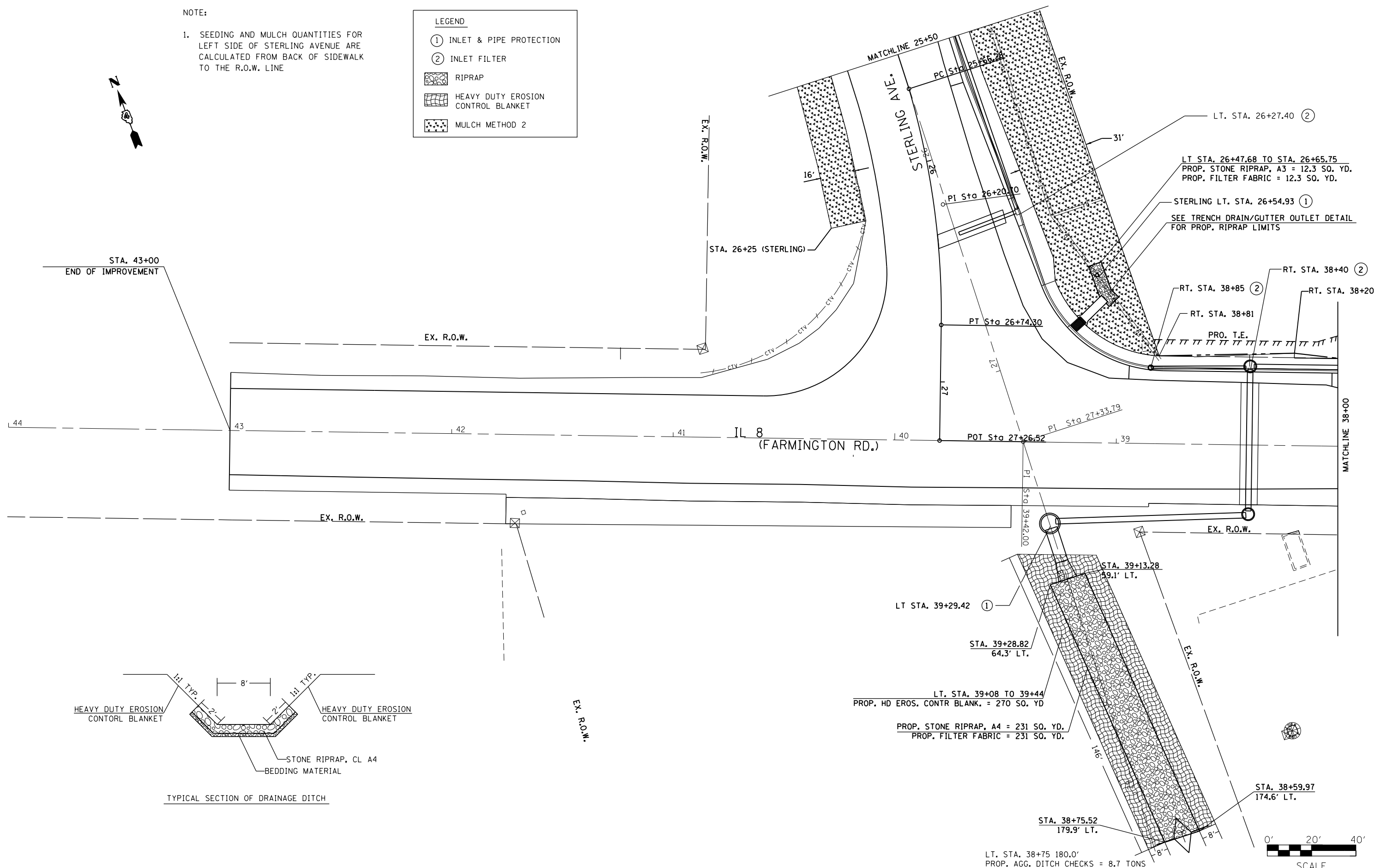
F.A.U. R.E. 6658	SECTION ION	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 51
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

NOTE:

1. SEEDING AND MULCH QUANTITIES FOR LEFT SIDE OF STERLING AVENUE ARE CALCULATED FROM BACK OF SIDEWALK TO THE R.O.W. LINE

LEGEND

- ① INLET & PIPE PROTECTION
- ② INLET FILTER
-  RIPRAP
-  HEAVY DUTY EROSION CONTROL BLANKET
-  MULCH METHOD 2



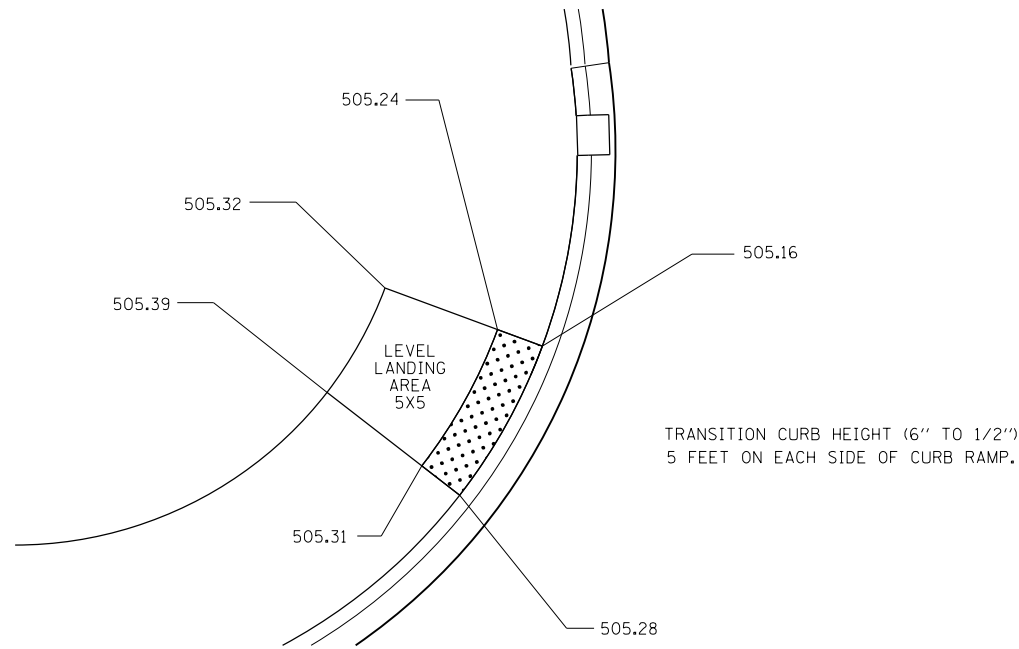
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

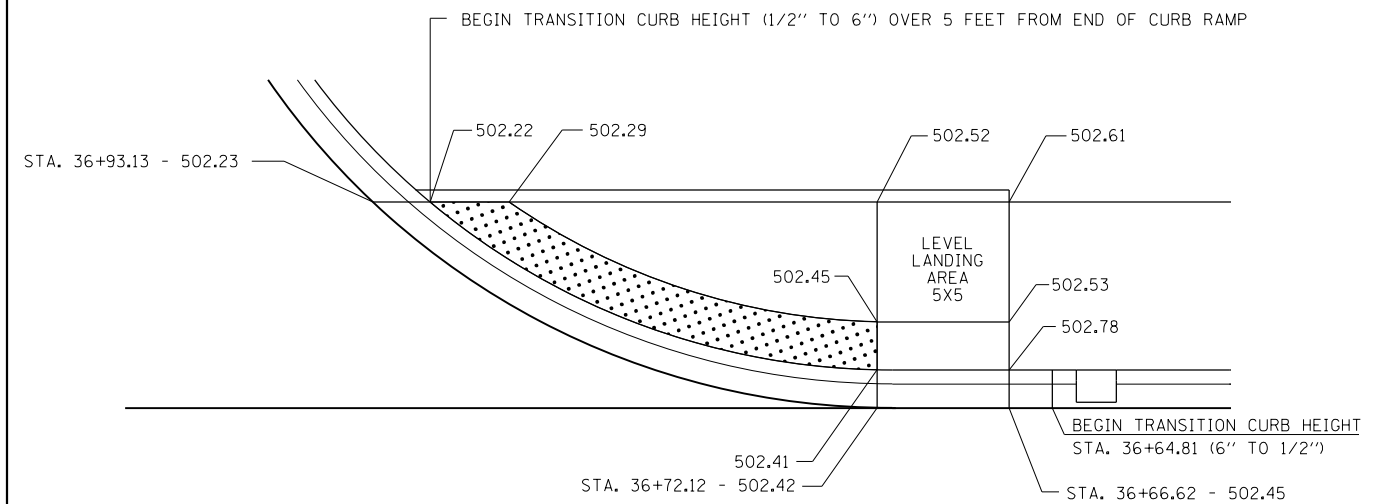
PROPOSED EROSION CONTROL

SCALE: SHEET 2 OF 3 SHEETS STA. 38+00 TO STA. 43+00

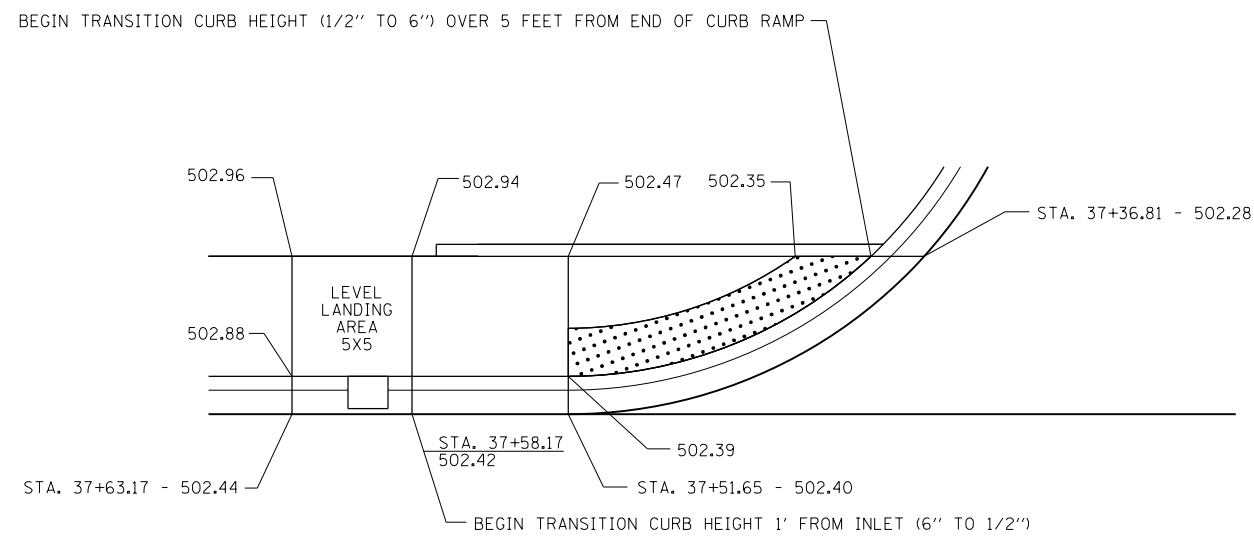
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	53
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



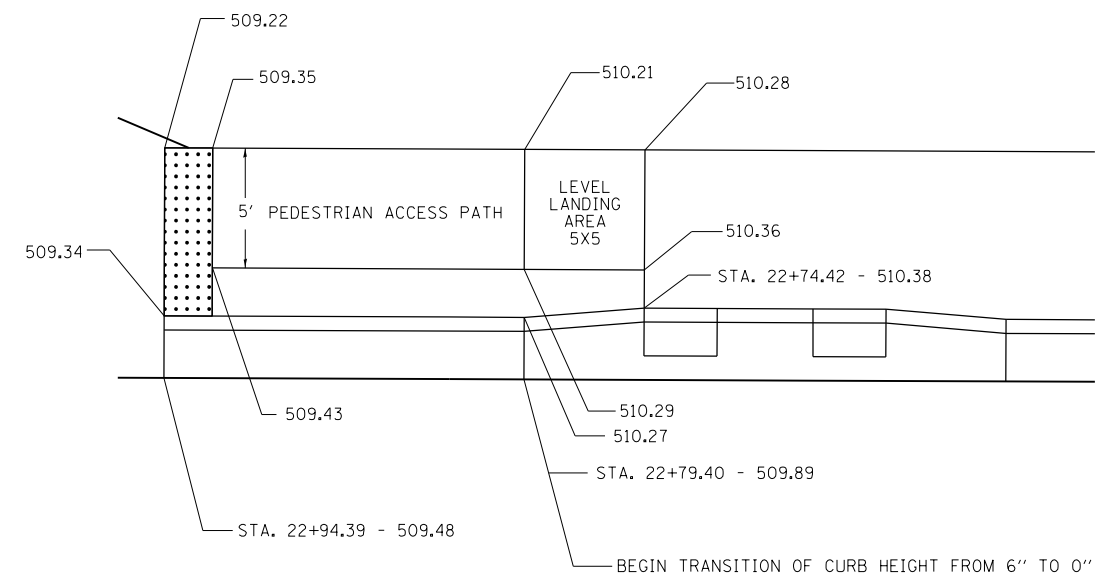
STA. 33+92.87 (FARMINGTON RD.)



STA. 33+66.62 TO STA. 36+93.13 (FARMINGTON RD.)



STA. 37+36.81 TO STA. 37+63.17 (FARMINGTON RD.)



STA. 22+74.42 TO STA. 22+94.39 (STERLING AVE.)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	ION	PEORIA	120	55
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

NOTE:
PCC BASE COURSE ELEVATIONS ARE 2.5 INCHES
BELOW THE FINAL GRADE ELEVATIONS.

Station- Rhodora	Final Elevation at 'A'	Distance between 'A' & 'B'	Final Elevation at 'B'	Distance between 'B' & 'C'	Final Elevation at 'C'	Distance between 'C' & 'D'	Final Elevation at 'D'
		feet		feet		feet	
33+25.16	506.51	13.45	506.31		506.31	7.00	506.03
33+30.17	506.48	13.53	506.28		506.27	7.00	505.99
33+35.03	506.45	13.59	506.25	1.65	506.19	7.00	505.91
33+39.62	506.42	13.64	506.22	3.67	506.08	7.00	505.80
33+43.81	506.39	13.67	506.18	6.42	505.94	7.00	505.66
33+47.49	506.36	13.69	506.15	9.82	505.78	7.00	505.50
33+69.67	506.16	13.94	505.96				
33+97.75	505.85	13.87	505.64	12.28	505.39		
34+02.16	505.79	13.83	505.58	9.82	505.38		
34+06.97	505.72	14.04	505.51	8.13	505.35		
34+11.99	505.65	14.19	505.44	7.41	505.29		
34+17.03	505.58	14.32	505.37	7.63	505.22		
34+22.06	505.51	14.43	505.29	8.07	505.13		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

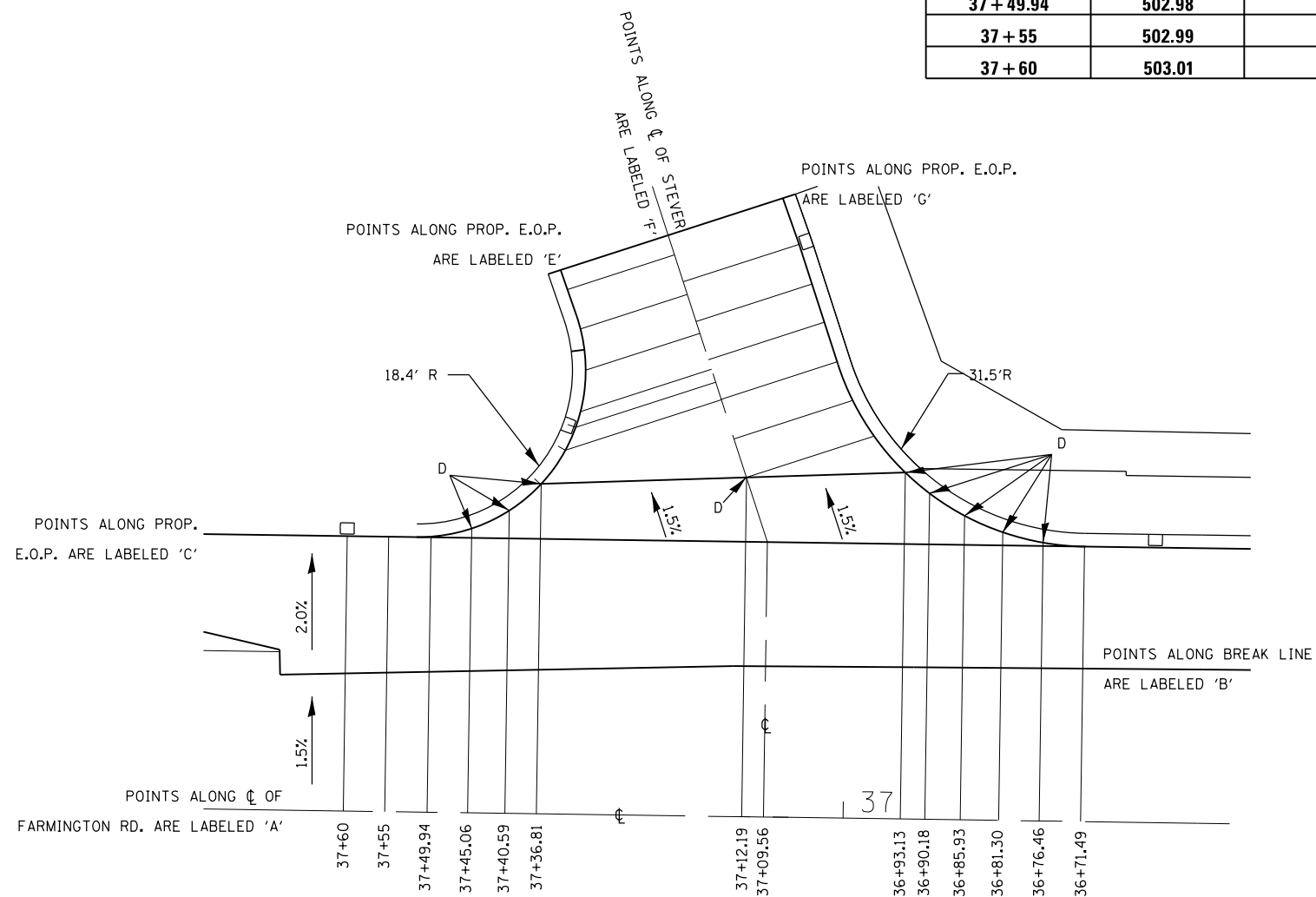
INTERSECTION GEOMETRIC DETAILS
RHODORA AVE.

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	56
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

NOTE:
PCC BASE COURSE ELEVATIONS ARE 2.5 INCHES
BELOW THE FINAL GRADE ELEVATIONS.

Station— Farmington Road	Final Elevation at 'A'	Distance between 'A' & 'B'	Final Elevation at 'B'	Distance between 'B' & 'C'	Final Elevation at 'C'	Distance between 'C' & 'D'	Final Elevation at 'D'
		feet		feet		feet	
36 + 71.49	502.99	18.35	502.71	14.65	502.42		
36 + 76.46	502.97	18.32	502.70	14.68	502.41	0.4	502.40
36 + 81.30	502.94	18.29	502.67	14.71	502.38	1.58	502.36
36 + 85.93	502.92	18.26	502.65	14.74	502.36	3.5	502.31
36 + 90.18	502.93	18.23	502.66	14.77	502.36	6.13	502.27
36 + 93.13	502.93	18.21	502.66	14.79	502.36	8.59	502.23
37 + 09.56	502.94	18.09	502.67	14.91	502.37	8.18	502.25
37 + 12.18	502.94	18.07	502.67	14.93	502.37	7.71	502.25
37 + 36.81	502.95	17.28	502.69	15.72	502.38	6.58	502.28
37 + 40.59	502.95	17.16	502.70	15.84	502.38	3.3	502.33
37 + 45.06	502.96	17.01	502.70	15.99	502.38	1.2	502.36
37 + 49.94	502.98	16.85	502.73	16.15	502.40		
37 + 55	502.99	16.68	502.74	16.31	502.42		
37 + 60	503.01	16.51	502.76	16.48	502.43		



Station— Prop. Stever Centerline	Final Elevation at 'E'	Distance between 'E' & 'F'	Final Elevation at 'F' (Centerline of Stever)	Distance between 'F' & 'G'	Final Elevation at 'G'
		feet		feet	
10 + 41.15			502.25	16.10	502.19
10 + 46.01			502.27	14.97	502.14
10 + 50.94	502 + 22	19.67	502.30		
10 + 50.99			502.30	14.62	502.09
10 + 53.16	502.18	17.66	502.31		
10 + 54.80	502.19	16.51	502.32		
10 + 55.99			502.32	14.62	502.04
10 + 59.32	502.22	14.40	502.34		
10 + 60.82			502.34	14.62	502.00
10 + 64.22	502.25	13.48	502.36		
10 + 65.82			502.37	14.62	501.95
10 + 69.22	502.28	13.52	502.38		
10 + 71.68	502.28	13.58	502.40	14.45	502.02

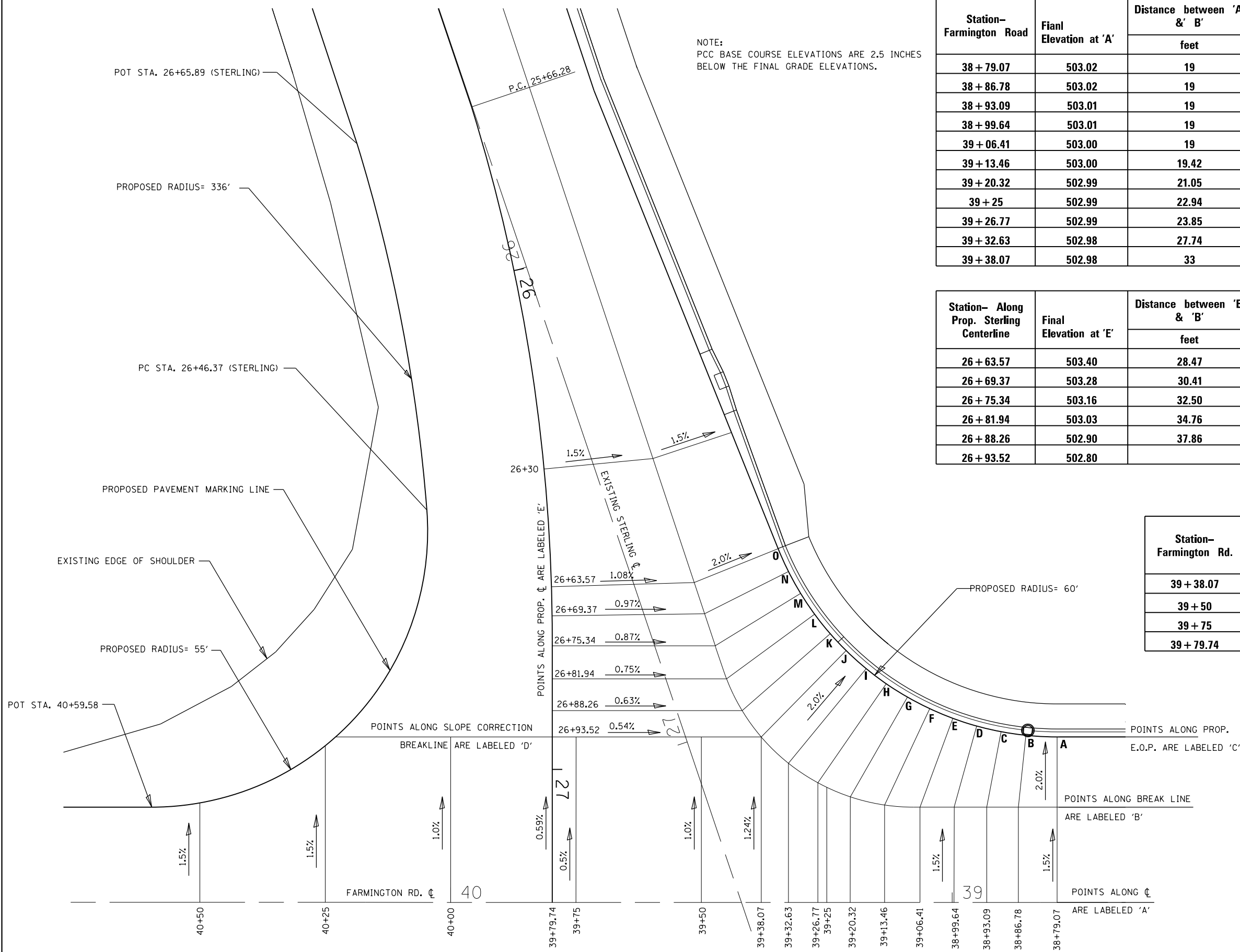
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	PLOT DATE = 10/17/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRIC DETAILS
STEVER AVE.

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	57
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



NOTE:
PCC BASE COURSE ELEVATIONS ARE 2.5 INCHES
BELOW THE FINAL GRADE ELEVATIONS.

Station- Farmington Road	Final Elevation at 'A'	Distance between 'A' & 'B'	Final Elevation at 'B'	Distance between 'B' & 'C'	Final Elevation at 'C'
		feet		feet	
38 + 79.07	503.02	19	502.78	14	502.50
38 + 86.78	503.02	19	502.73	14.4	502.44
38 + 93.09	503.01	19	502.73	15.32	502.42
38 + 99.64	503.01	19	502.72	16.79	502.38
39 + 06.41	503.00	19	502.72	18.89	502.34
39 + 13.46	503.00	19.42	502.71	21.22	502.29
39 + 20.32	502.99	21.05	502.67	22.93	502.21
39 + 25	502.99	22.94			
39 + 26.77	502.99	23.85	502.64	24	502.16
39 + 32.63	502.98	27.74	502.61	24.43	502.12
39 + 38.07	502.98	33	502.57	24.15	502.09

Station- Along Prop. Sterling Centerline	Final Elevation at 'E'	Distance between 'E' & 'B'	Final Elevation at 'B'	Distance between 'B' & 'C'	Final Elevation at 'C'
		feet		feet	
26 + 63.57	503.40	28.47	503.09	18.04	502.73
26 + 69.37	503.28	30.41	502.99	18.73	502.62
26 + 75.34	503.16	32.50	502.88	19.98	502.48
26 + 81.94	503.03	34.76	502.77	21.79	502.33
26 + 88.26	502.90	37.86	502.66	21.31	502.23
26 + 93.52	502.80		502.57	24.15	502.09

Station- Farmington Rd.	Final Elevation at 'A'	Distance between 'A' & 'D'	Final Elevation at 'D'
		feet	
39 + 38.07	502.98	33	502.57
39 + 50	502.99	33	502.66
39 + 75	503.00	33	502.83
39 + 79.74	502.99	33	502.80

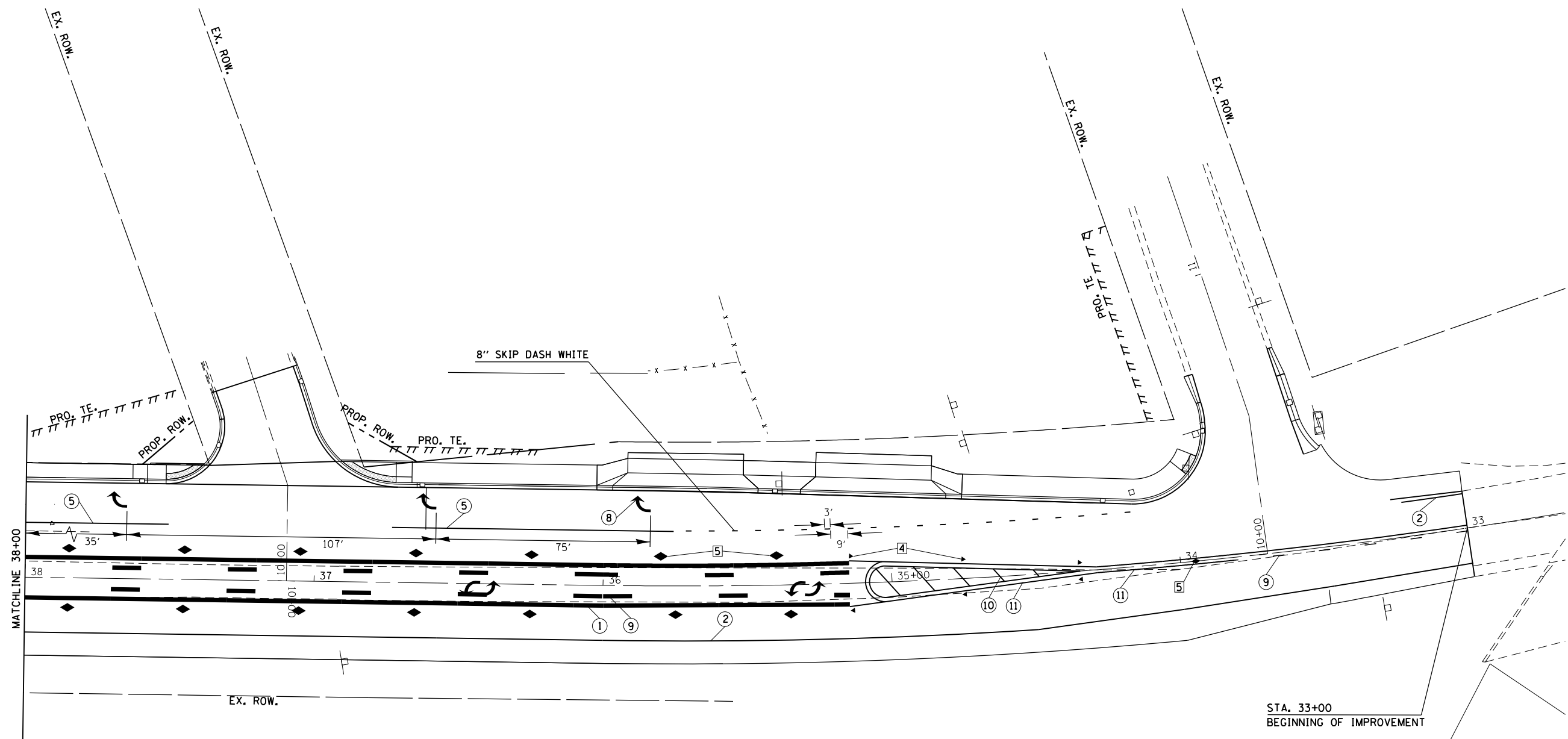
POINT	STATION	OFFSET FEET
IL 8-FARMINGTON RD.		
A	38+79.07	33
B	38+85.29	33.32
C	38+90.24	34.05
D	38+95.10	35.18
E	38+99.86	36.72
F	39+04.47	38.64
G	39+08.91	40.95
H	39+13.14	43.16
I	39+17.13	46.22
J	39+21.14	50.2
STERLING AVE.		
K	26+73.12	55.44
L	26+69.71	52.35
M	26+66.03	49.63
N	26+62.12	47.33
O	26+58.02	45.44

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION GEOMETRIC DETAILS STERLING AVE.			
SCALE:	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	58
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

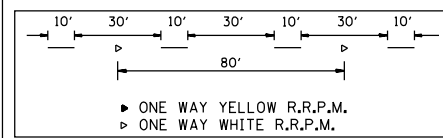
- ① 4" SOLID (YELLOW)
- ② 4" SOLID (WHITE)
- ③ (2) 6" CROSSWALK @ 6'-6" o.c. (WHITE)
- ④ 4" SKIP DASH (WHITE)
- ⑤ 8" SOLID (WHITE)
- ⑥ 12" DIAGONAL (WHITE) 30' (>45 MPH) / 20' (<45 MPH)
- ⑦ 24" STOP BAR (WHITE)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" SKIP DASH (YELLOW)
- ⑩ 12" DIAGONAL (YELLOW) 30' (>45 MPH) / 20' (<45 MPH)
- ⑪ 4" DOUBLE (YELLOW)
- ⑫ 6" SKIP DASH (WHITE)

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

- ① ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 40' CENTERS
- ⑥ ONE-WAY CRYSTAL MARKER
- ⑦ ONE-WAY AMBER MARKER

DELINEATORS

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS



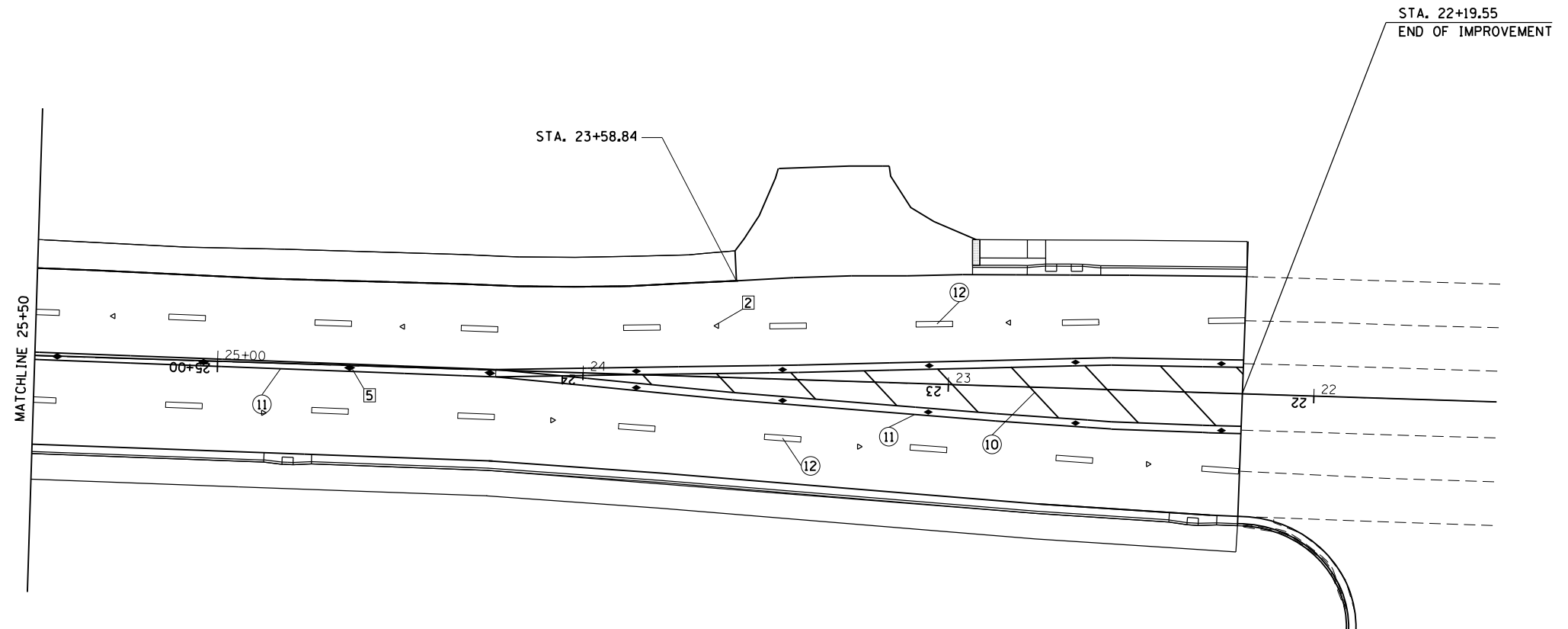
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
PAVEMENT MARKING PLANS**

SCALE: SHEET 1 OF 3 SHEETS STA. 33+00 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	59
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

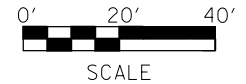
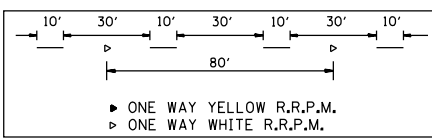
- ① 4" SOLID (YELLOW)
- ② 4" SOLID (WHITE)
- ③ (2) 6" CROSSWALK @ 6'-6" o.c. (WHITE)
- ④ 4" SKIP DASH (WHITE)
- ⑤ 8" SOLID (WHITE)
- ⑥ 12" DIAGONAL (WHITE)
- ⑦ 24" STOP BAR (WHITE)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" SKIP DASH (YELLOW)
- ⑩ 12" DIAGONAL (YELLOW)
- ⑪ 4" DOUBLE (YELLOW)
- ⑫ 6" SKIP DASH (WHITE)

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

- ① ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 40' CENTERS
- ⑥ ONE-WAY AMBER MARKER

DELINEATORS

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS



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	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
PAVEMENT MARKING PLANS**

SCALE: SHEET 3 OF 3 SHEETS STA. 22+19.6 TO STA. 25+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	61
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY TRAFFIC SIGNALS.
3. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. FULL DEPTH SAW CUTS SHALL BE REQUIRED AT ALL REMOVAL LIMITS. IF THE CONTRACTOR REMOVES OR DAMAGES THE EXISTING SIDEWALK OR BITUMINOUS SURFACE OUTSIDE THE REMOVAL LIMITS DESIGNATED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE THAT PORTION AT THE CONTRACTOR'S EXPENSE.
5. THE EXISTING HANDHOLES SHALL BE REMOVED. THIS WORK WILL BE PAID FOR AS "REMOVE EXISTING HANDHOLE".

REMOVE EXISTING HANDHOLE - QTY. 5.0 EA.	
QTY.	LOCATIONS
1.0 EA.	DHH-1, HH-2, HH-3, HH-4, HH-5

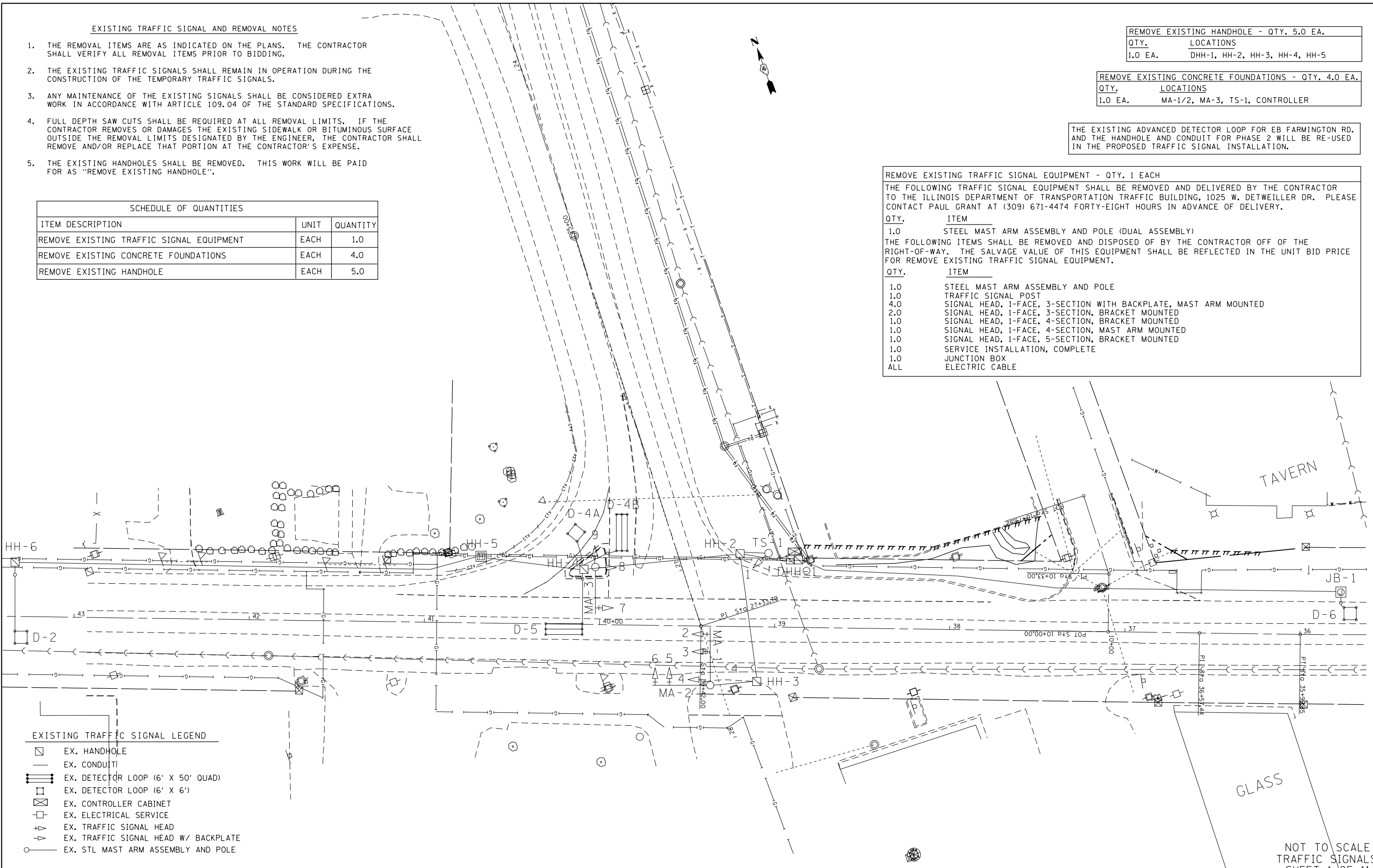
REMOVE EXISTING CONCRETE FOUNDATIONS - QTY. 4.0 EA.	
QTY.	LOCATIONS
1.0 EA.	MA-1/2, MA-3, TS-1, CONTROLLER

THE EXISTING ADVANCED DETECTOR LOOP FOR EB FARMINGTON RD. AND THE HANDHOLE AND CONDUIT FOR PHASE 2 WILL BE RE-USED IN THE PROPOSED TRAFFIC SIGNAL INSTALLATION.

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATIONS	EACH	4.0
REMOVE EXISTING HANDHOLE	EACH	5.0

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH
 THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC BUILDING, 1025 W. DETWEILLER DR. PLEASE CONTACT PAUL GRANT AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

QTY.	ITEM
1.0	STEEL MAST ARM ASSEMBLY AND POLE (DUAL ASSEMBLY)
THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.	
QTY.	ITEM
1.0	STEEL MAST ARM ASSEMBLY AND POLE
1.0	TRAFFIC SIGNAL POST
4.0	SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED
2.0	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
1.0	SERVICE INSTALLATION, COMPLETE
1.0	JUNCTION BOX
ALL	ELECTRIC CABLE

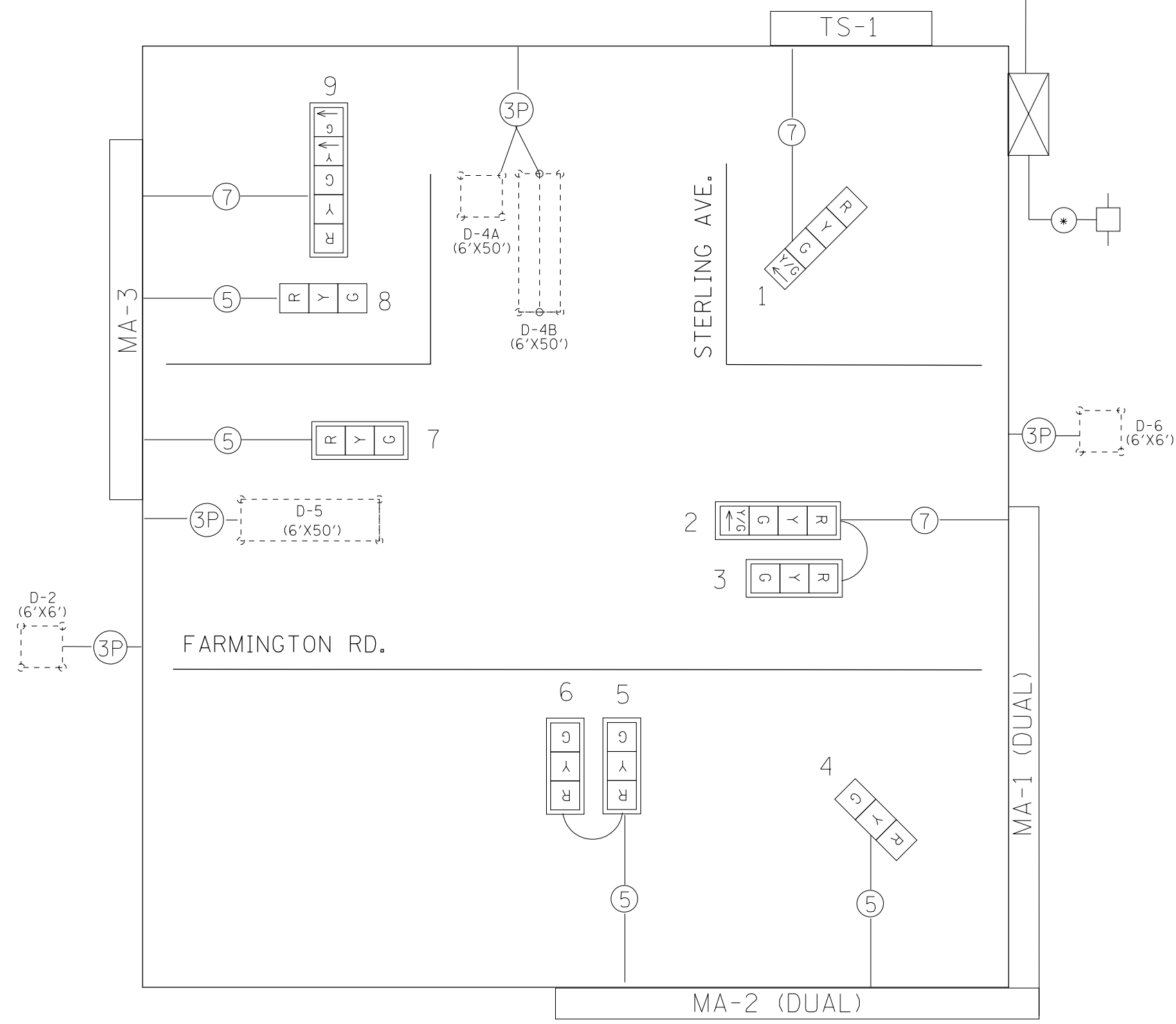


EXISTING TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. CONDUIT
- ▬▬▬ EX. DETECTOR LOOP (6' X 50' QUAD)
- ▭ EX. DETECTOR LOOP (6' X 6')
- ⊠ EX. CONTROLLER CABINET
- ⊞ EX. ELECTRICAL SERVICE
- ⊕ EX. TRAFFIC SIGNAL HEAD
- ⊖ EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
- EX. STL MAST ARM ASSEMBLY AND POLE

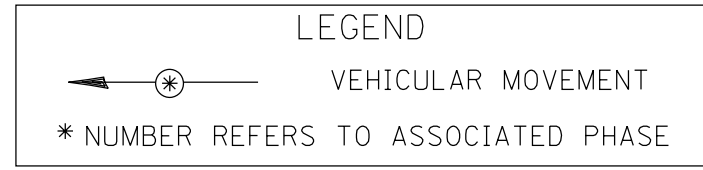
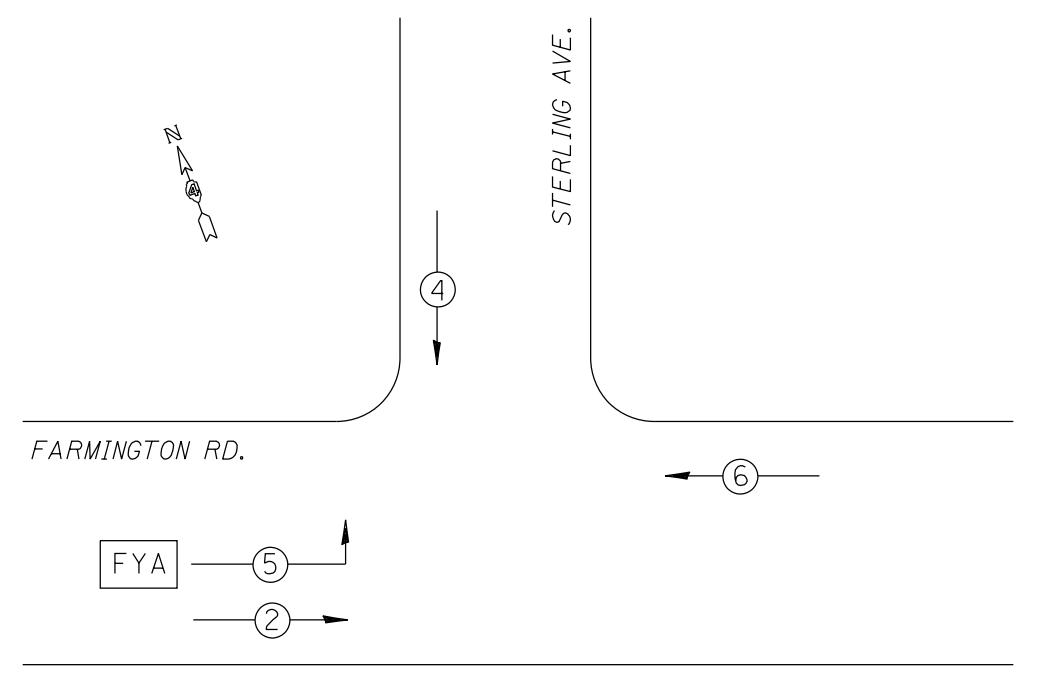
NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 1 OF 11

EXISTING CABLE DIAGRAM TO FARMINGTON & SOUTHPORT



EXISTING PHASE DIAGRAM

NAME OF INTERSECTION FARMINGTON RD. & STERLING AVE.
 EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-2)
 TYPE IV CABINET, TS-2 BACKPANEL



TRAFFIC SIGNALS LEGEND

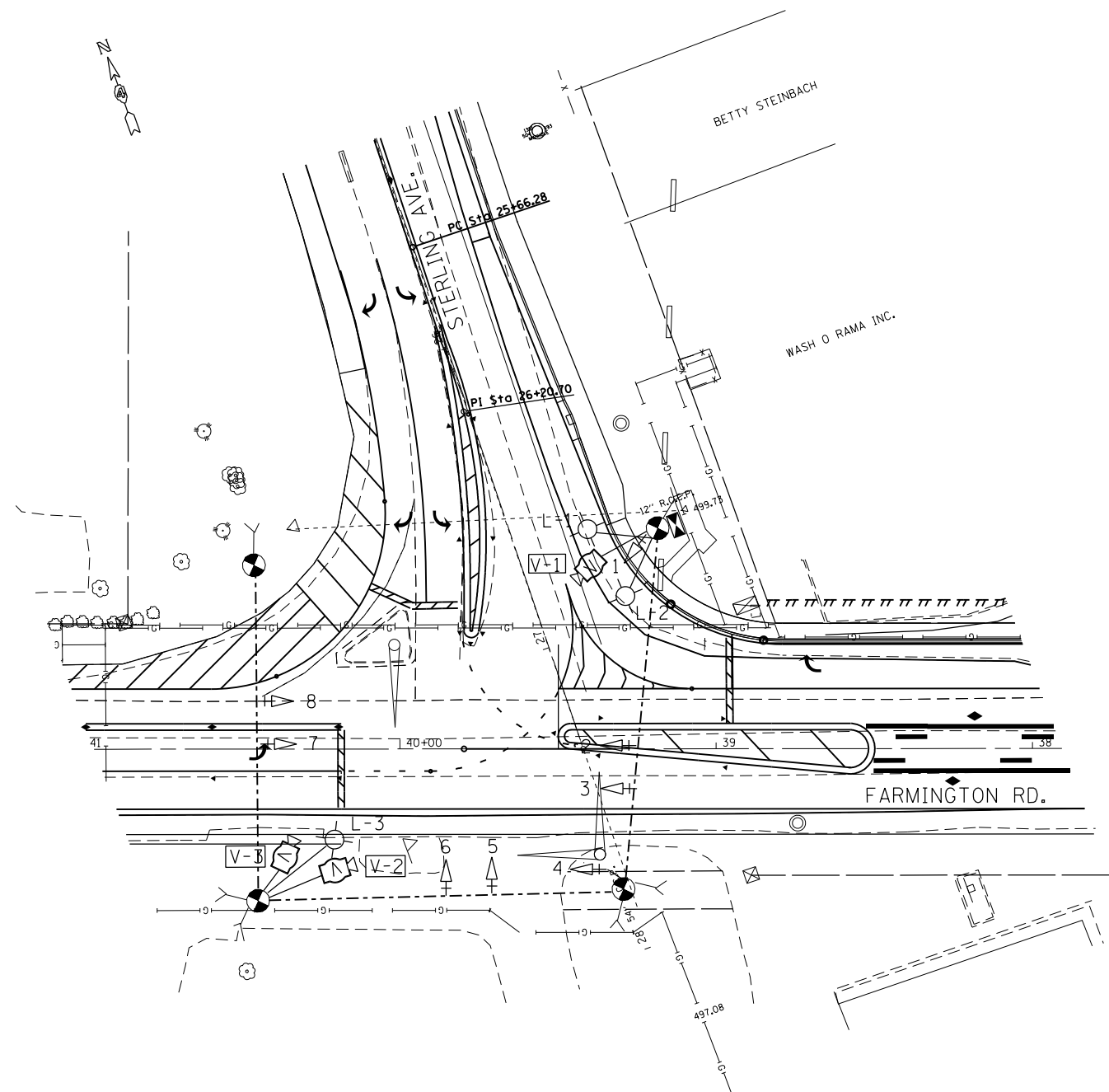
- EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
- EX. 3 SEC. SIGNAL HEAD
- EX. CONTROLLER (SIGNAL)
- #18 3-PR DETECTOR LOOP CABLE
- 5/C NO. 14 SIGNAL CABLE
- 7/C NO. 14 SIGNAL CABLE
- EX. DETECTOR LOOP (6'X6')
- EX. DETECTOR LOOP (QUADRAPOLE)
- EX. SERVICE INSTALLATION

NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 2 OF 11

FILE NAME =	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNAL CABLE AND PHASE DIAGRAMS FARMINGTON RD. & STERLING AVE.	F.A.U. RTE. 6658	SECTION 10N	COUNTY PEORIA	TOTAL SHEETS 120	SHEET NO. 63		
PLOT SCALE = 50.0000' / in.						SCALE:		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68A70		
PLOT DATE = 10/17/2013						DATE -		ILLINOIS FED. AID PROJECT				
DRAWN -						CHECKED -						

TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES

- T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, CONTROLLER AND CABINET, WOOD POLES, GUY WIRE, VIDEO DETECTION, SERVICE, AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.
- T2. A THREE CAMERA VEHICLE VIDEO DETECTION SYSTEM SHALL BE USED TO PROVIDE DETECTION FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE DEPARTMENT SHALL FURNISH A THREE CAMERA VIDEO DETECTION SYSTEM (CAMERAS WITH BRACKETS AND PROCESSOR) FOR USE WITH THE TEMPORARY INSTALLATION. THE CONTRACTOR SHALL FURNISH ALL CABLE, HARDWARE, BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM.
- T3. THE EXISTING CONTROLLER IS A NEMA TS-2, FULL ACTUATED, MICROPROCESSOR BASED CONTROLLER THAT IS CAPABLE OF SUPPLYING 225 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
- T4. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL MAY BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT (EXISTING AND PROVIDED BY THE DEPARTMENT) SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T5. AERIAL TRAFFIC SIGNAL CABLE SHALL BE FURNISHED AND INSTALLED AS SHOWN ON THE PLAN SHEETS. ALL EXISTING TRAFFIC SIGNAL CABLE WILL BE REMOVED. EXISTING TRAFFIC SIGNAL HEADS MAY BE USED IN THE TEMPORARY INSTALLATION.
- T6. THE TEMPORARY TRAFFIC SIGNAL SPAN WIRES AND CABLES SHALL BE ATTACHED TO THE WOOD POLES IN A MANNER APPROVED BY THE ENGINEER. ALL CABLES SHALL MAINTAIN A 18 FT. MINIMUM CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.
- T7. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" LENSES.
- T8. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T9. THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RELOCATE THE TEMPORARY TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH THE PROPOSED CONSTRUCTION STAGING.
- T11. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS.
- T12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE VIDEO DETECTION SYSTEM TO ACCOMODATE CONSTRUCTION STAGING (INCLUDING CAMERA AIMING AND PROGRAMMING).
- T13. ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF WOOD POLES, GUY WIRES, AND OTHER TEMPORARY TRAFFIC SIGNAL EQUIPMENT WITH THE ENGINEER TO PREVENT CONFLICTS WITH CONSTRUCTION STAGING AND OVERHEAD UTILITIES.

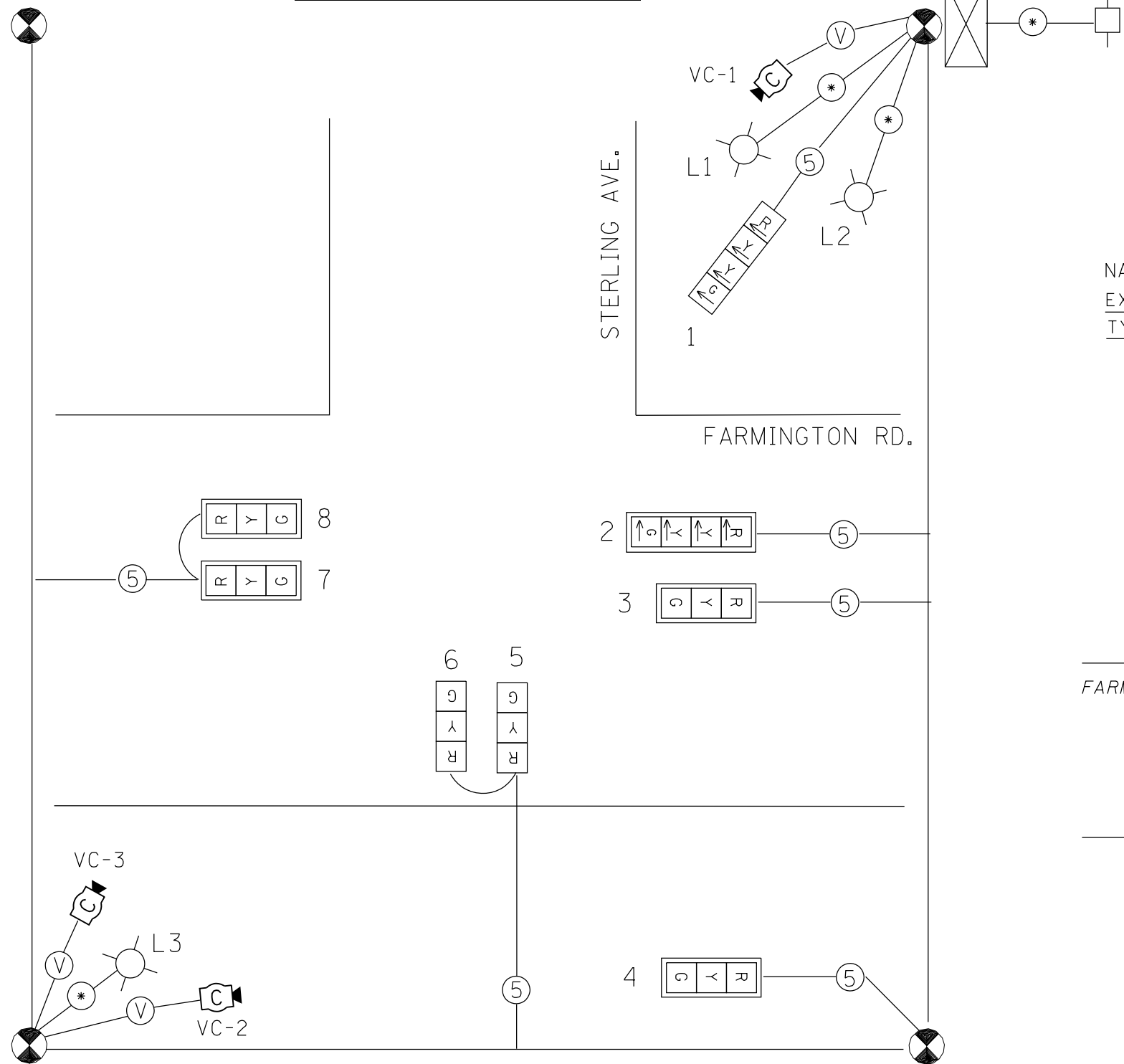
THE CONTRACTOR SHALL LOCATE THE TEMPORARY WOOD POLES TO PREVENT CONFLICTS WITH THE EXISTING OVERHEAD ELECTRICAL LINES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO DETERMINE ALLOWABLE POLE OFFSETS FROM THE OVERHEAD ELECTRIC LINES.

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0

- TEMPORARY TRAFFIC SIGNAL LEGEND
- TEMPORARY TRAFFIC SIGNAL SPAN WIRE AND CABLE
 - ⊗ TEMPORARY WOOD POLE WITH GUY WIRES
 - ▷ TEMPORARY TRAFFIC SIGNAL HEAD
 - ▷ TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
 - ⊞ TEMPORARY VIDEO CAMERA (FURNISHED BY DEPT.)
 - ⊞ TEMPORARY CONTROLLER CABINET (FURNISHED BY DEPT.)
 - ⊗ TEMPORARY LUMINAIRE, 250W HPS, MM

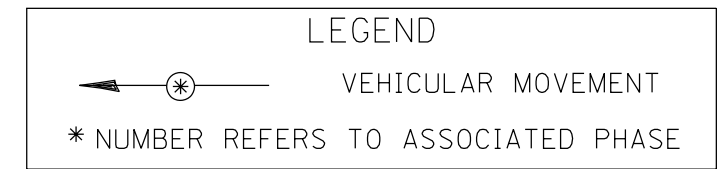
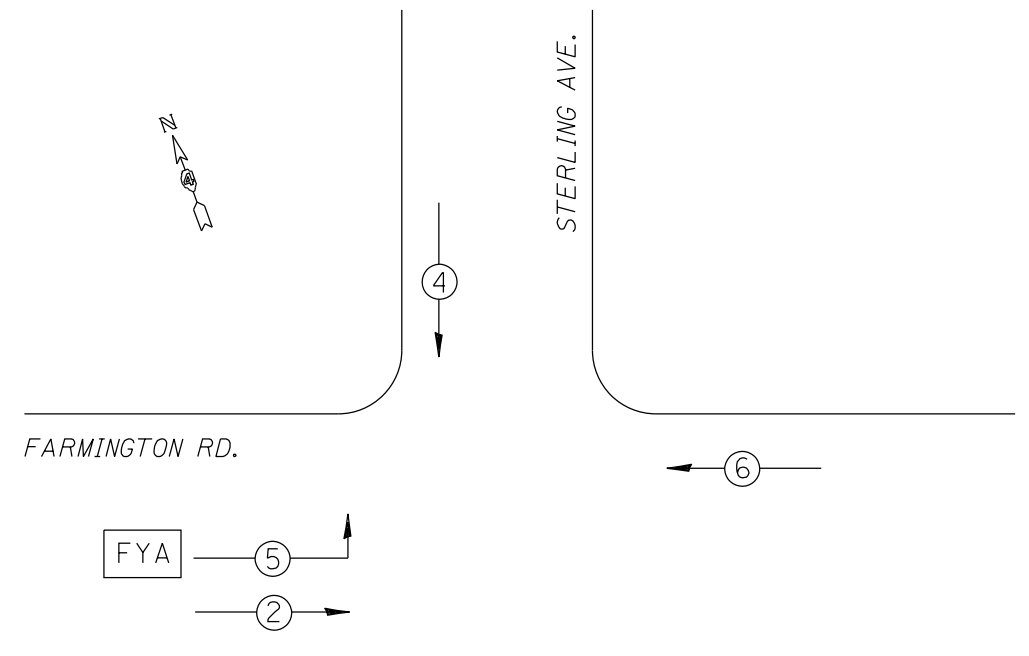
NOT TO SCALE
TRAFFIC SIGNALS
SHEET 3 OF 11

TEMPORARY CABLE DIAGRAM



TEMPORARY PHASE DIAGRAM

NAME OF INTERSECTION FARMINGTON & STERLING
 EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-2)
 TYPE IV CABINET, TS-2 BACKPANEL



TRAFFIC SIGNALS LEGEND

- TEMP. CONTROLLER (SIGNAL)
- TEMP. 3 SEC. SIGNAL HEAD W/BACKPLATE
- TEMP. 3 SEC. SIGNAL HEAD
- TEMP. 5/C NO. 14 SIGNAL CABLE
- TEMP. VIDEO DETECTION CABLE
- TEMP. CABLE (1/C NO. 6) X 3
- TEMP. SERVICE INSTALLATION
- TEMP. VIDEO DETECTION CAMERA
- TEMP. LUMINAIRE, MM, HPS, 250W

NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 4 OF 11

FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL CABLE PLAN AND PHASE DIAGRAM FARMINGTON RD. & STERLING AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw_work\pwidot\aubreys\d0318674\68A70 - Farmington & Sterling Traffic Signals (R...DRAWN-13).dgn						6586	10N	PEORIA	120	65		
PLOT SCALE = 49,9918' / in.						CONTRACT NO. 68A70						
PLOT DATE = 10/17/2013						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

TRAFFIC SIGNAL LEGEND

- PROP. CONDUIT (PUSHED)
- PROP. CONDUIT (TRENCHED)
- PROP. CONCRETE HANDHOLE
- PROP. DOUBLE CONCRETE HANDHOLE
- +▲ PROP. SIGNAL HEAD WITH BACKPLATE
- ▲ PROP. SIGNAL HEAD
- PROP. TRAFFIC SIGNAL POST
- PROP. SERVICE INSTALLATION
- PROP. STL MAST ARM ASSEMBLY AND POLE
- PROP. STL COMB. MAST ARM ASSEMBLY AND POLE
- PROP. LUMINAIRE, 250W, TENON MOUNT
- PROP. BATTERY BACKUP SYSTEM
- EX. TRAFFIC SIGNAL CONTROLLER (RELOCATED)

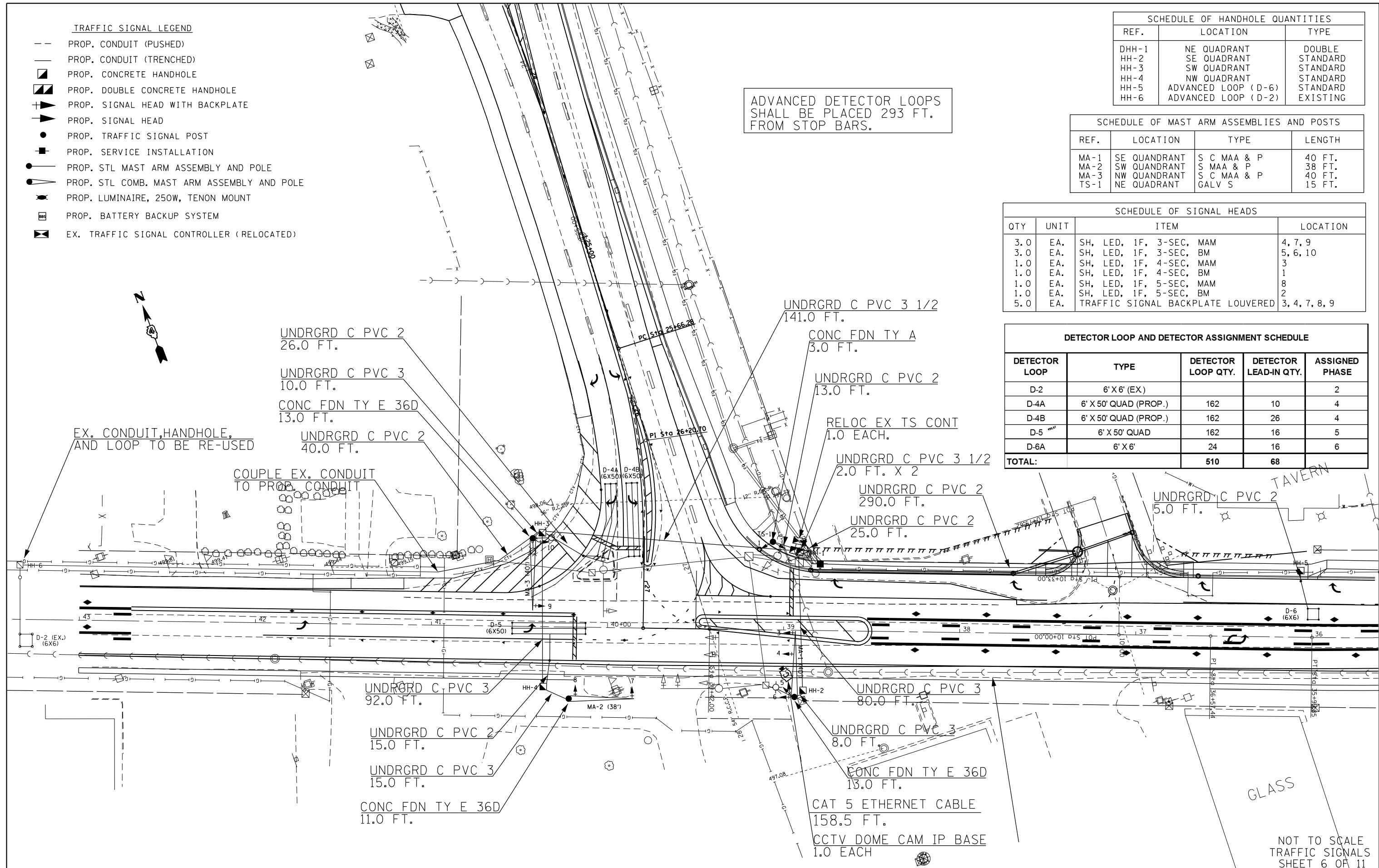
ADVANCED DETECTOR LOOPS SHALL BE PLACED 293 FT. FROM STOP BARS.

SCHEDULE OF HANDHOLE QUANTITIES		
REF.	LOCATION	TYPE
DHH-1	NE QUADRANT	DOUBLE STANDARD
HH-2	SE QUADRANT	STANDARD
HH-3	SW QUADRANT	STANDARD
HH-4	NW QUADRANT	STANDARD
HH-5	ADVANCED LOOP (D-6)	STANDARD
HH-6	ADVANCED LOOP (D-2)	EXISTING

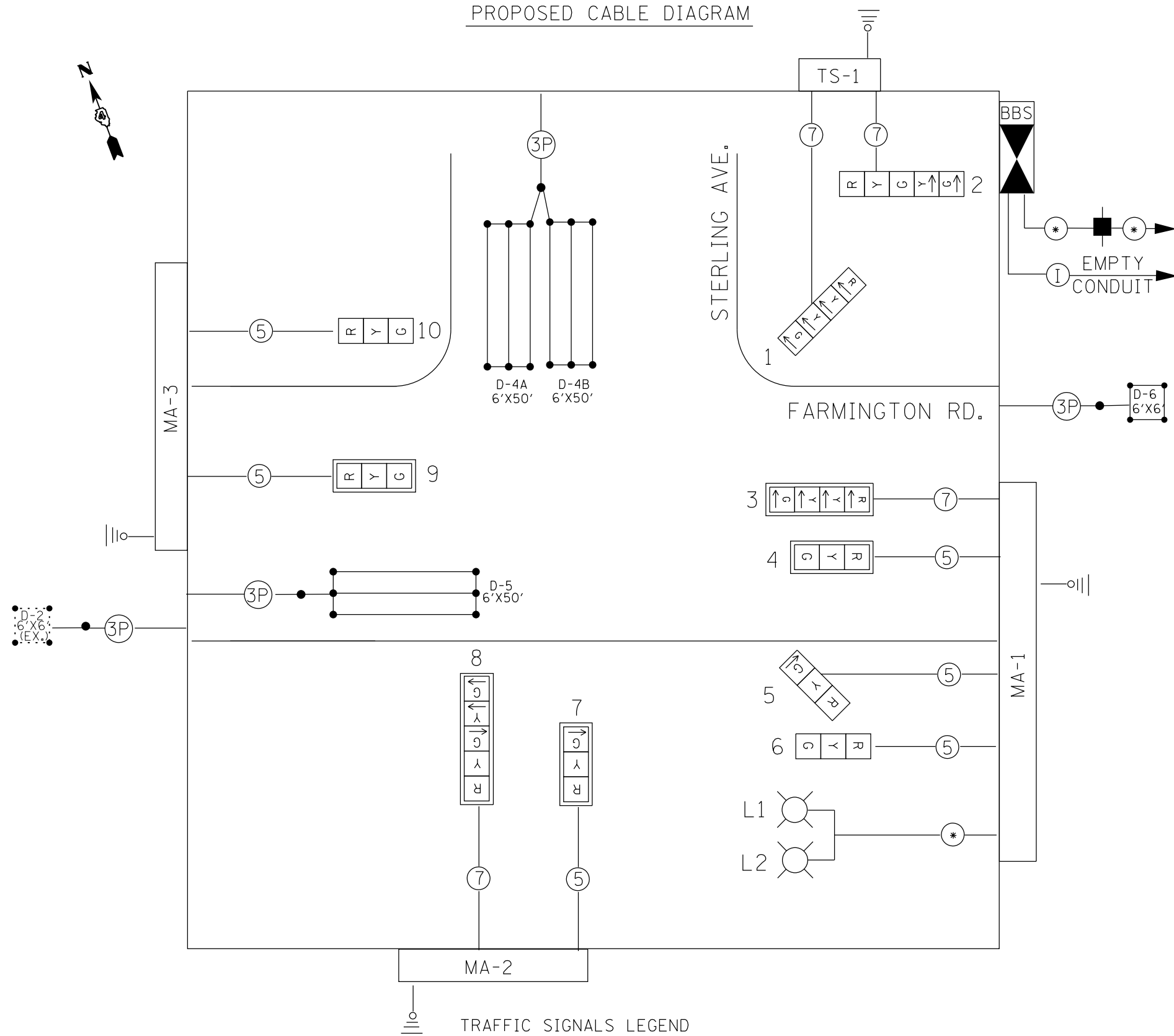
SCHEDULE OF MAST ARM ASSEMBLIES AND POSTS			
REF.	LOCATION	TYPE	LENGTH
MA-1	SE QUADRANT	S C MAA & P	40 FT.
MA-2	SW QUADRANT	S MAA & P	38 FT.
MA-3	NW QUADRANT	S C MAA & P	40 FT.
TS-1	NE QUADRANT	GALV S	15 FT.

SCHEDULE OF SIGNAL HEADS				
QTY	UNIT	ITEM	LOCATION	
3.0	EA.	SH, LED, 1F, 3-SEC, MAM	4, 7, 9	
3.0	EA.	SH, LED, 1F, 3-SEC, BM	5, 6, 10	
1.0	EA.	SH, LED, 1F, 4-SEC, MAM	3	
1.0	EA.	SH, LED, 1F, 4-SEC, BM	1	
1.0	EA.	SH, LED, 1F, 5-SEC, MAM	8	
1.0	EA.	SH, LED, 1F, 5-SEC, BM	2	
5.0	EA.	TRAFFIC SIGNAL BACKPLATE LOUVERED	3, 4, 7, 8, 9	

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE				
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-2	6' X 6' (EX)			2
D-4A	6' X 50' QUAD (PROP.)	162	10	4
D-4B	6' X 50' QUAD (PROP.)	162	26	4
D-5	6' X 50' QUAD	162	16	5
D-6A	6' X 6'	24	16	6
TOTAL:		510	68	

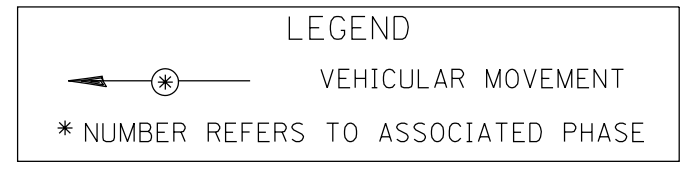
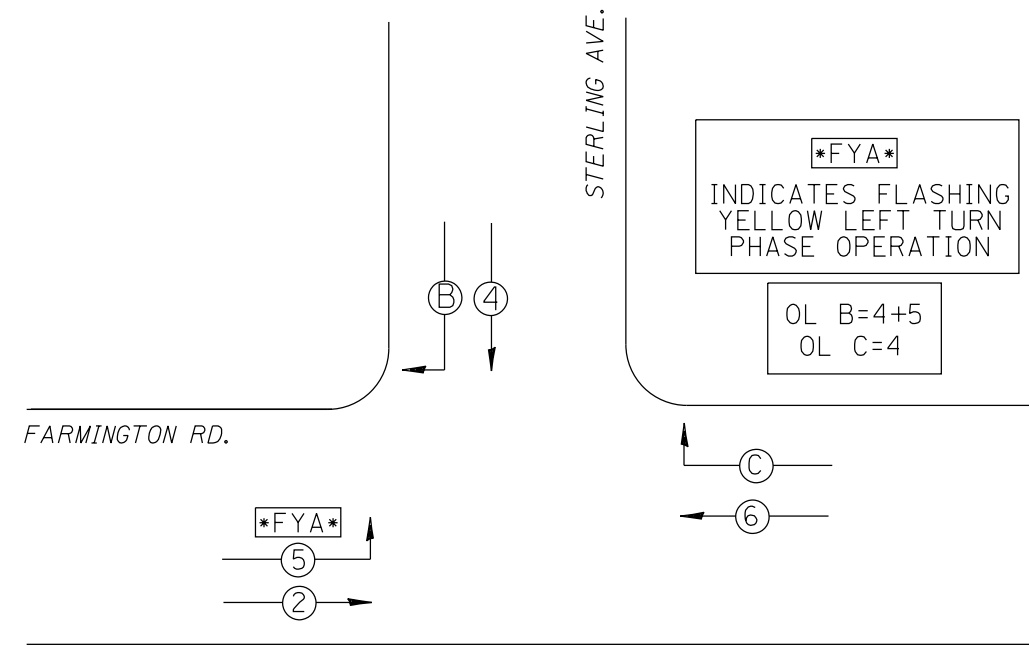


PROPOSED CABLE DIAGRAM



PROPOSED PHASE DIAGRAM

NAME OF INTERSECTION FARMINGTON RD. & STERLING AVE.
 EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-2)
 TYPE IV CABINET, TS-2 BACKPANEL (16 POSITION)



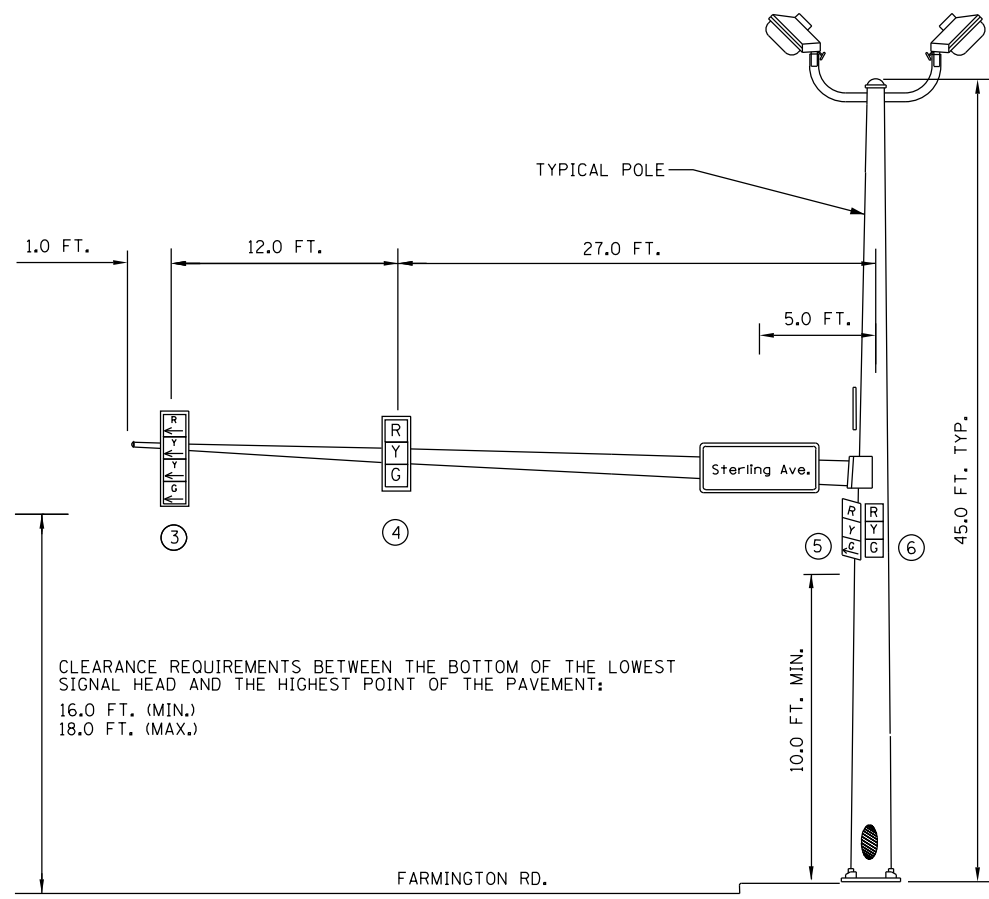
ALL TRAFFIC SIGNAL MAST ARMS, CONTROLLER CABINETS, HANDHOLES (LIDS AND FRAMES), AND EXPOSED METALLIC CONDUITS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS.

TRAFFIC SIGNALS LEGEND

- EX. CONTROLLER (RELOCATED)
- PROP. SIGNAL HEAD W/BACKPLATE
- PROP. SIGNAL HEAD
- PROP. 5/C NO. 14 SIGNAL CABLE
- PROP. 7/C NO. 14 SIGNAL CABLE
- PROP. (1/C NO. 6) X 3
- PROP. SERVICE INSTALLATION
- PROP. DETECTOR LOOP (6'X6')
- PROP. DETECTOR LOOP (6'X50')

NOT TO SCALE
 TRAFFIC SIGNALS
 SHEET 7 OF 11

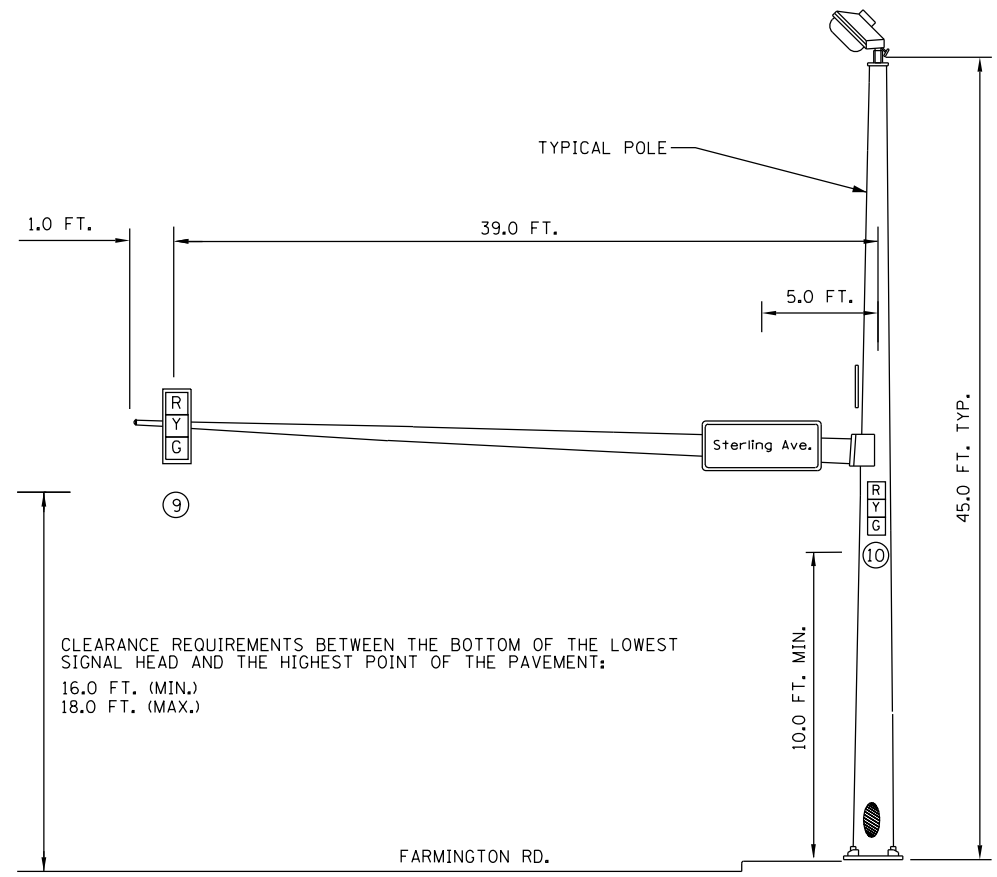
FILE NAME =	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNAL PHASE DIAGRAM AND CABLE PLAN FARMINGTON RD. & STERLING AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\aubreygs\d0318674\68A70	- Farmington & Sterling Traffic Signals (F	DRAWN -	REVISED -			6658	10N	PEORIA	120	68
PLOT SCALE = 49.5000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 68A70				
PLOT DATE = 10/17/2013	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EASTBOUND TRAFFIC SIGNAL

SOUTHEAST CORNER OF FARMINGTON RD. & STERLING AVE.

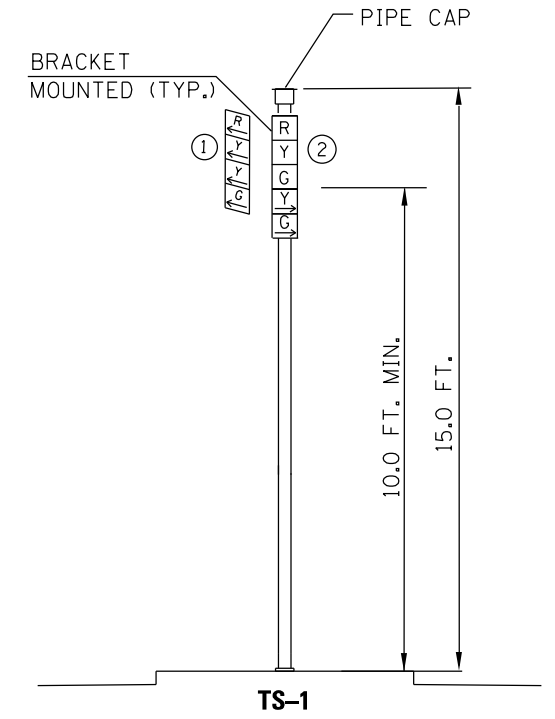
MA-1 40'



WESTBOUND TRAFFIC SIGNAL

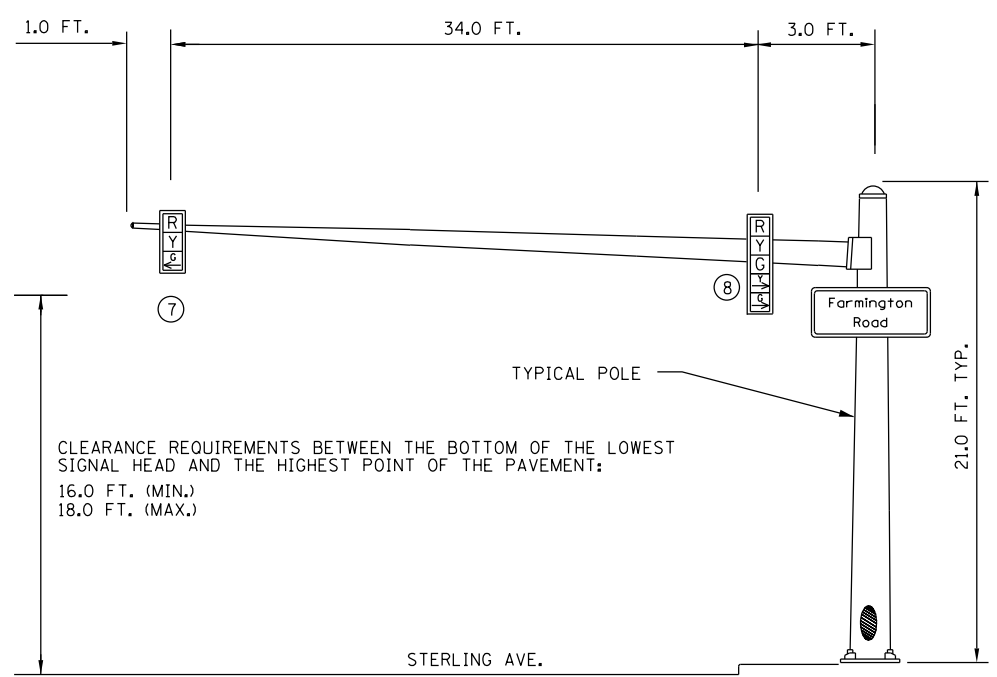
NORTHWEST CORNER OF FARMINGTON RD. & STERLING AVE.

MA-3 40'



TRAFFIC SIGNAL POST

NORTHEAST CORNER OF FARMINGTON RD. & STERLING AVE.



SOUTHBOUND TRAFFIC SIGNAL

SOUTHWEST CORNER OF FARMINGTON RD. & STERLING AVE.

MA-2 38'

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 8 OF 11

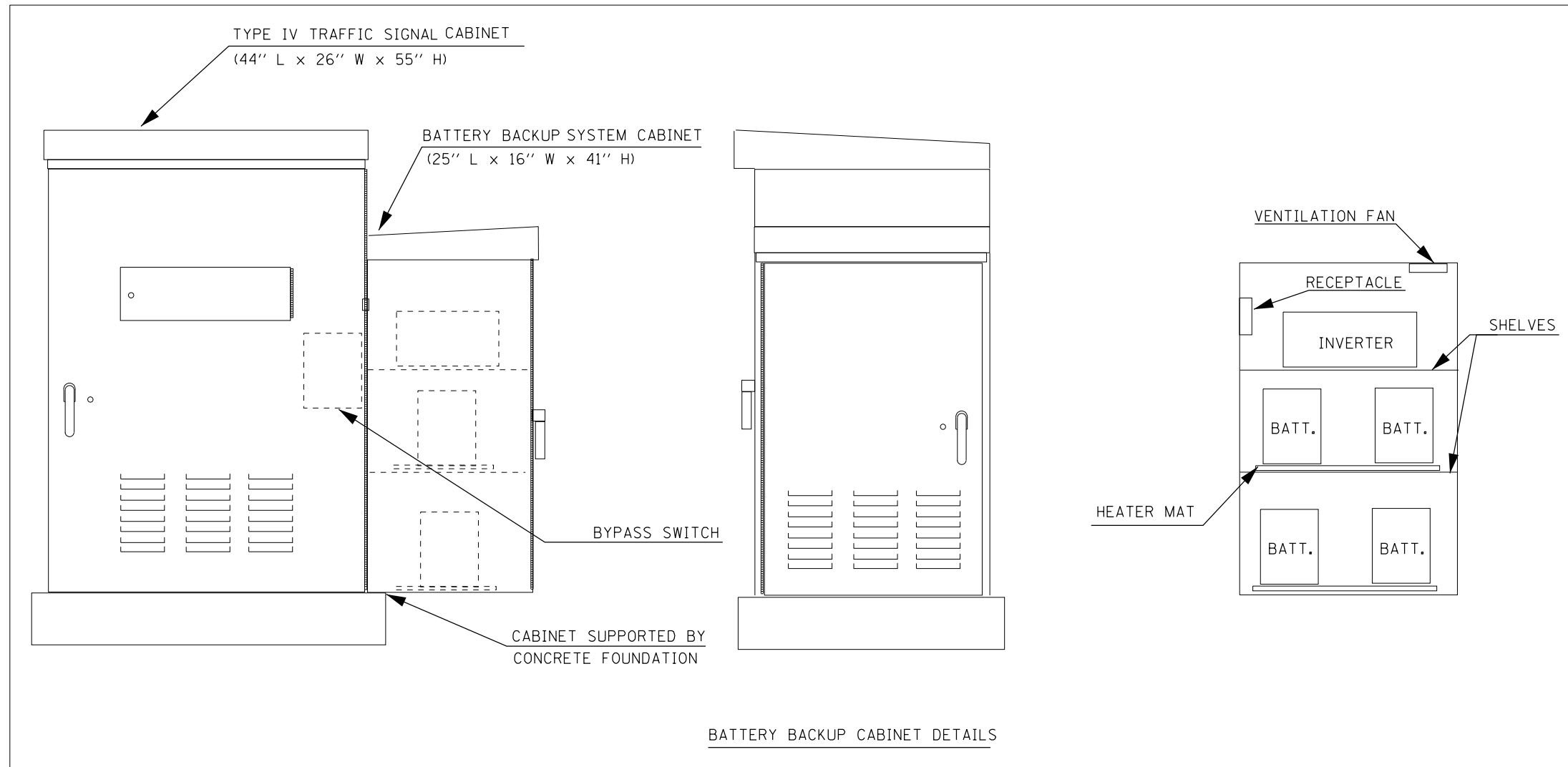
FILE NAME =	USER NAME = aubreygs	DESIGNED -	REVISED -
et:\pwork\p\idot\aubreygs\d0318674\68A70	- Farmington & Sterling Traffic Signals (F	DRAWN -	REVISED -
	PLOT SCALE = 49.5000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL MAST ARM DETAIL
FARMINGTON RD. & STERLING AVE.**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	69
CONTRACT NO. 68A70				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



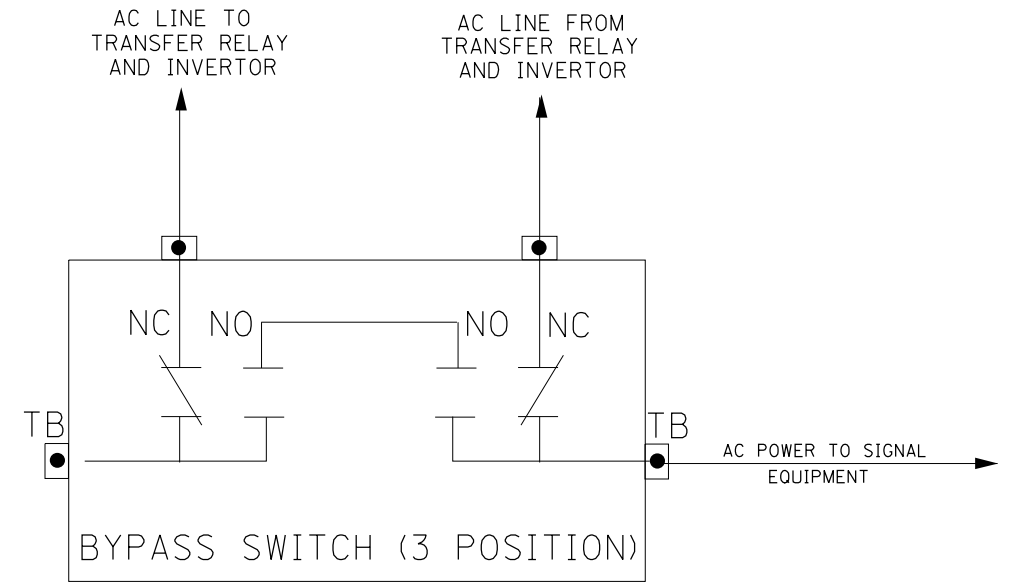
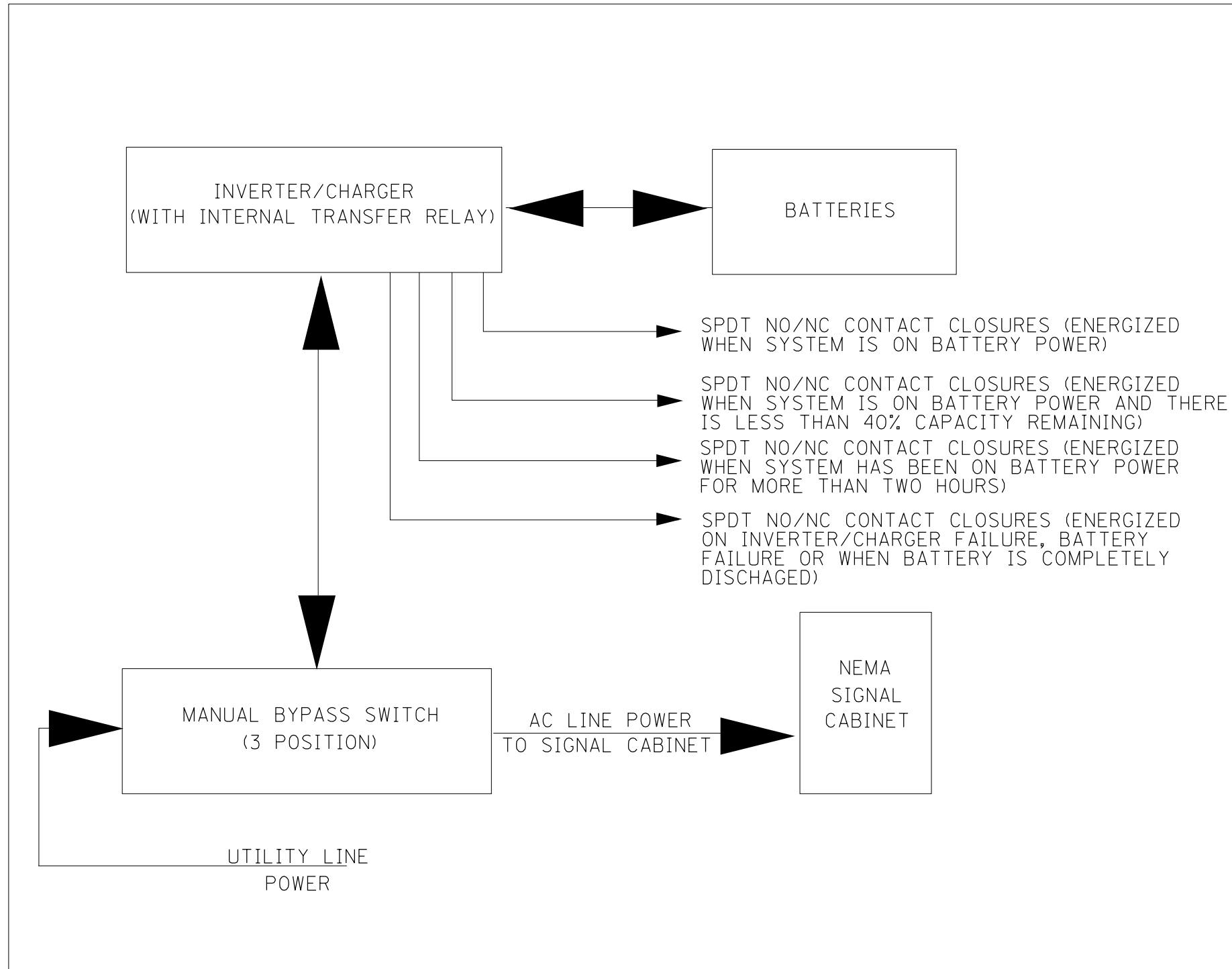
BATTERY BACKUP CABINET DETAILS

NOTES

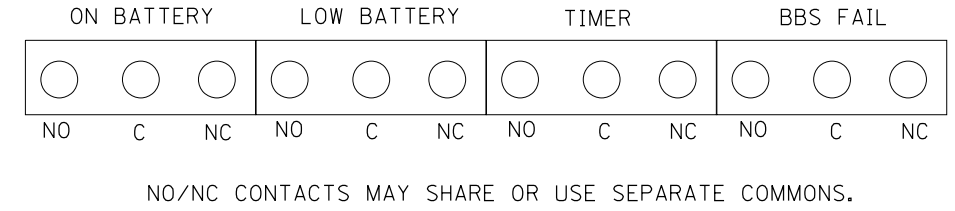
1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE EXISTING TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE EXISTING CABINETS).
4. THE BYPASS SWITCH SHALL BE INSTALLED IN THE TYPE IV CABINET.

NOT TO SCALE
TRAFFIC SIGNALS
SHEET 9 OF 11

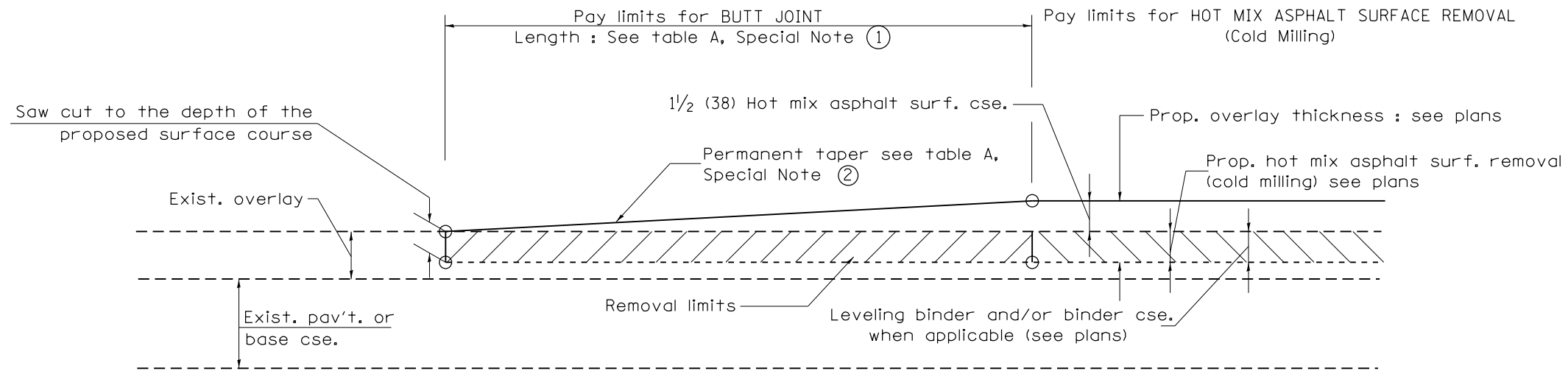
FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM CABINET DETAIL	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\idot\aubreys\d0318674\68A70	- Farmington & Sterling Traffic Signals (F	DRAWN -	REVISED -			6658	10N	PEORIA	120	70	
	PLOT SCALE = 49.5000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68A70					
	PLOT DATE = 10/17/2013	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



- NOTES:
1. TB - #8 TERMINAL BLOCKS
 2. NO - NORMALLY OPEN
 3. NC - NORMALLY CLOSED
 4. NO/NC CONTACTS SHALL ALL TOGGLE SIMULTANEOUSLY WITH A SINGLE MANUALLY OPERATED SWITCH.
 5. THE MANUAL BYPASS SWITCH SHALL ONLY SWITCH LINE POWER. THE NEUTRAL AND EQUIPMENT GROUND SHALL NOT BE SWITCHED AND SHALL BE CONNECTED TO THE NEMA CABINET BUSSES.



NOT TO SCALE
TRAFFIC SIGNALS
SHEET 11 OF 11



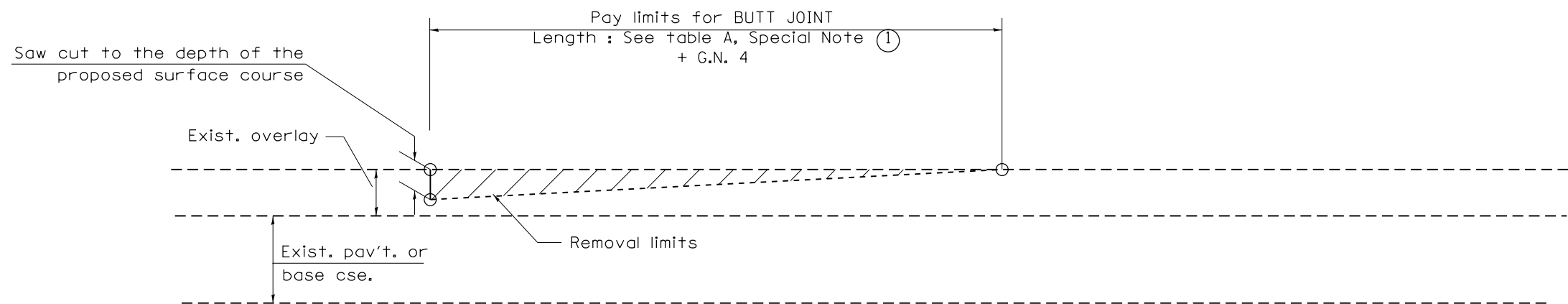
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

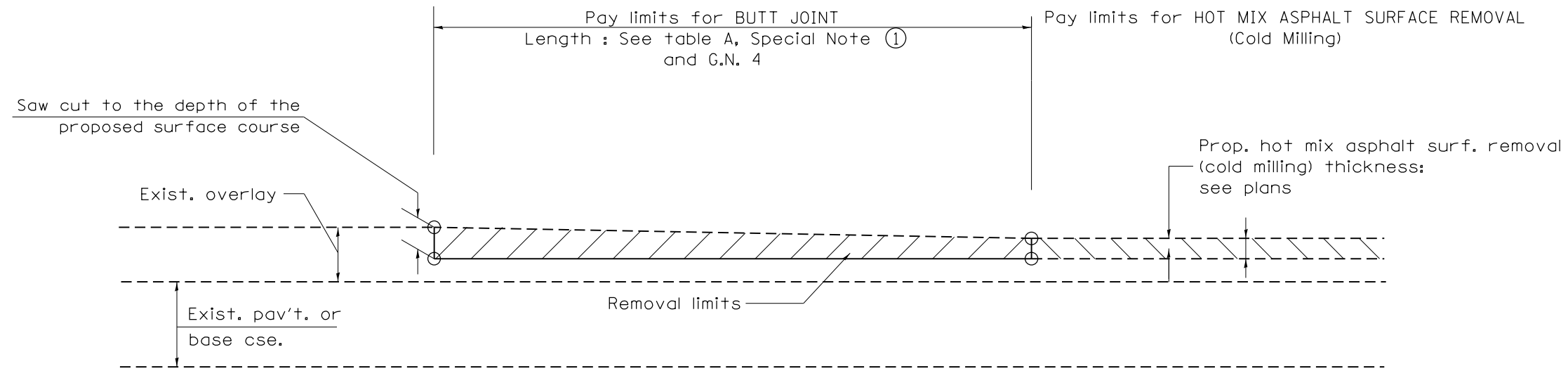
GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.

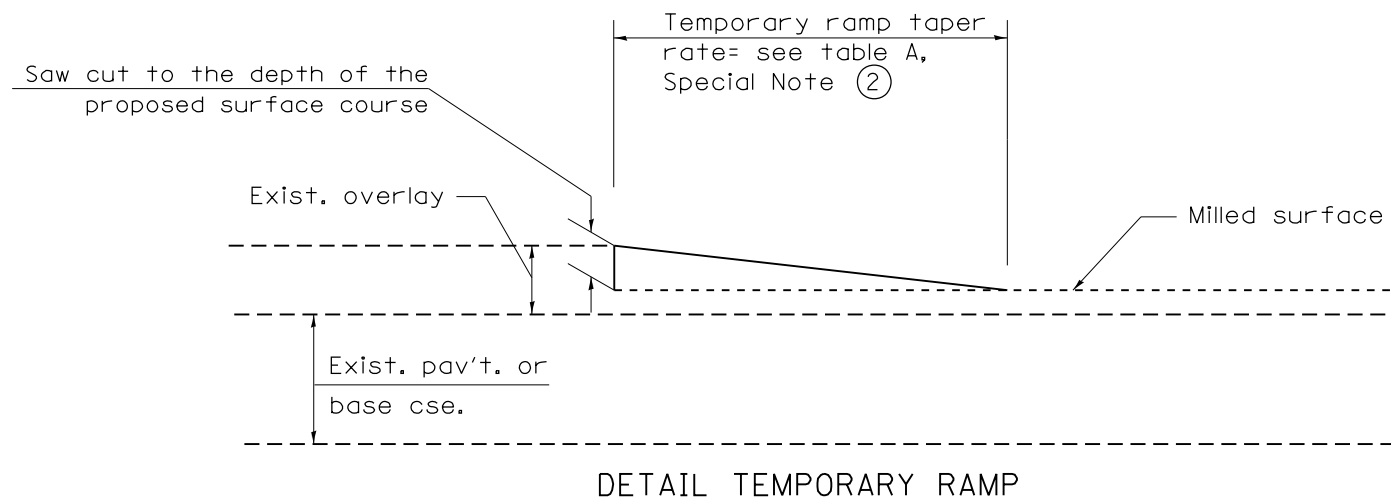


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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



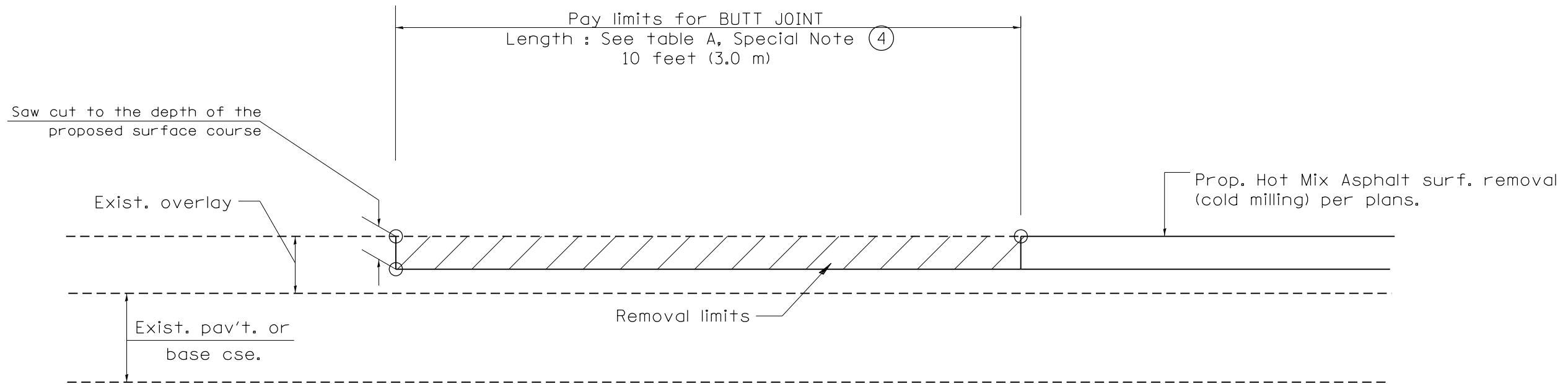
CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
6658	10N	PEORIA	120	74	CONTRACT NO. 68A70				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

NOT TO SCALE



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.U. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>6658</td> <td>10N</td> <td>PEORIA</td> <td>120</td> <td>75</td> </tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	6658	10N	PEORIA	120	75
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
6658	10N	PEORIA	120	75																	
						NOT TO SCALE				<table border="1"> <tr> <td>FED. ROAD DIST. NO.</td> <td>ILLINOIS FED. AID PROJECT</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 68A70</td> <td></td> </tr> </table>		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 68A70							
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 68A70																			

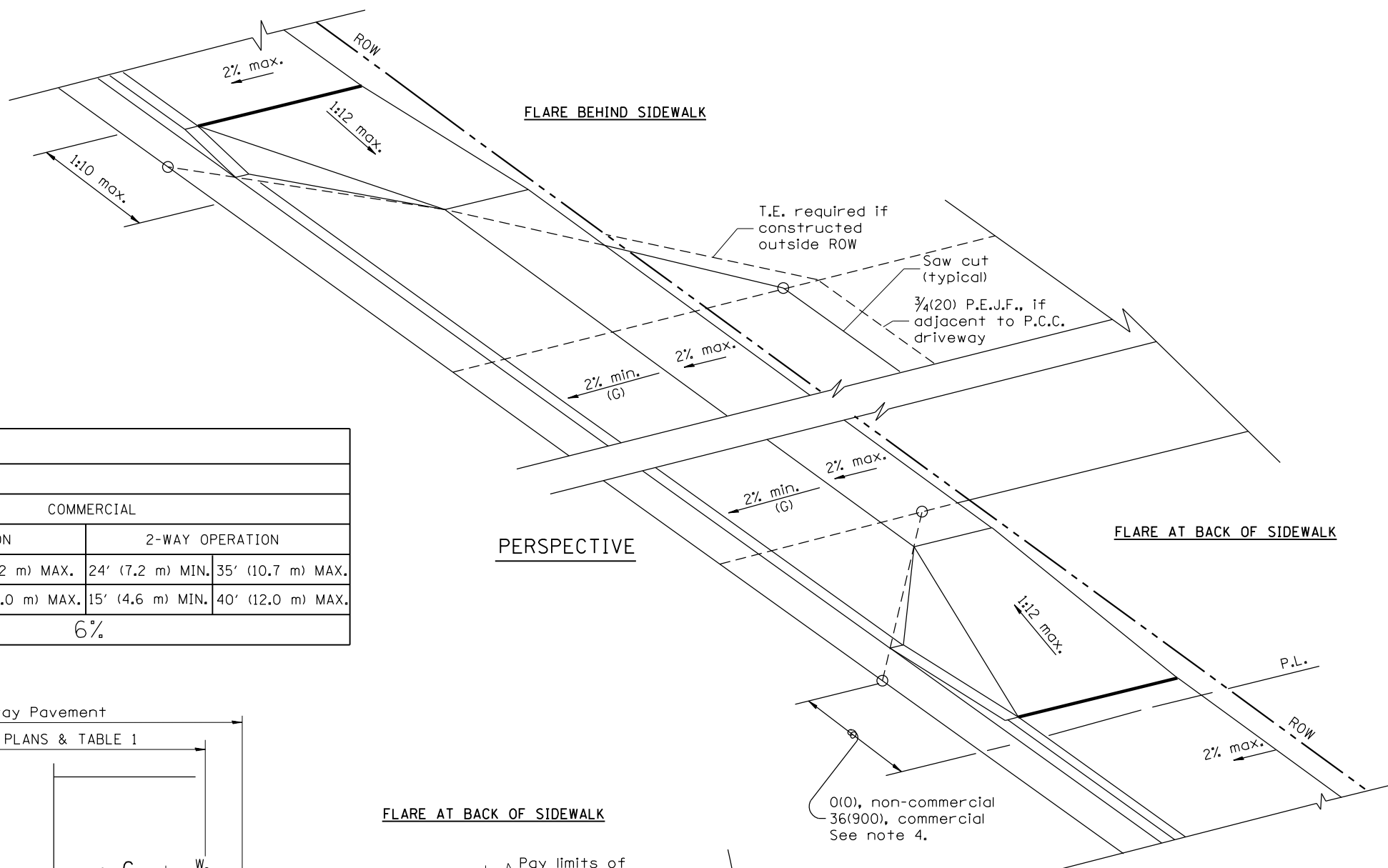
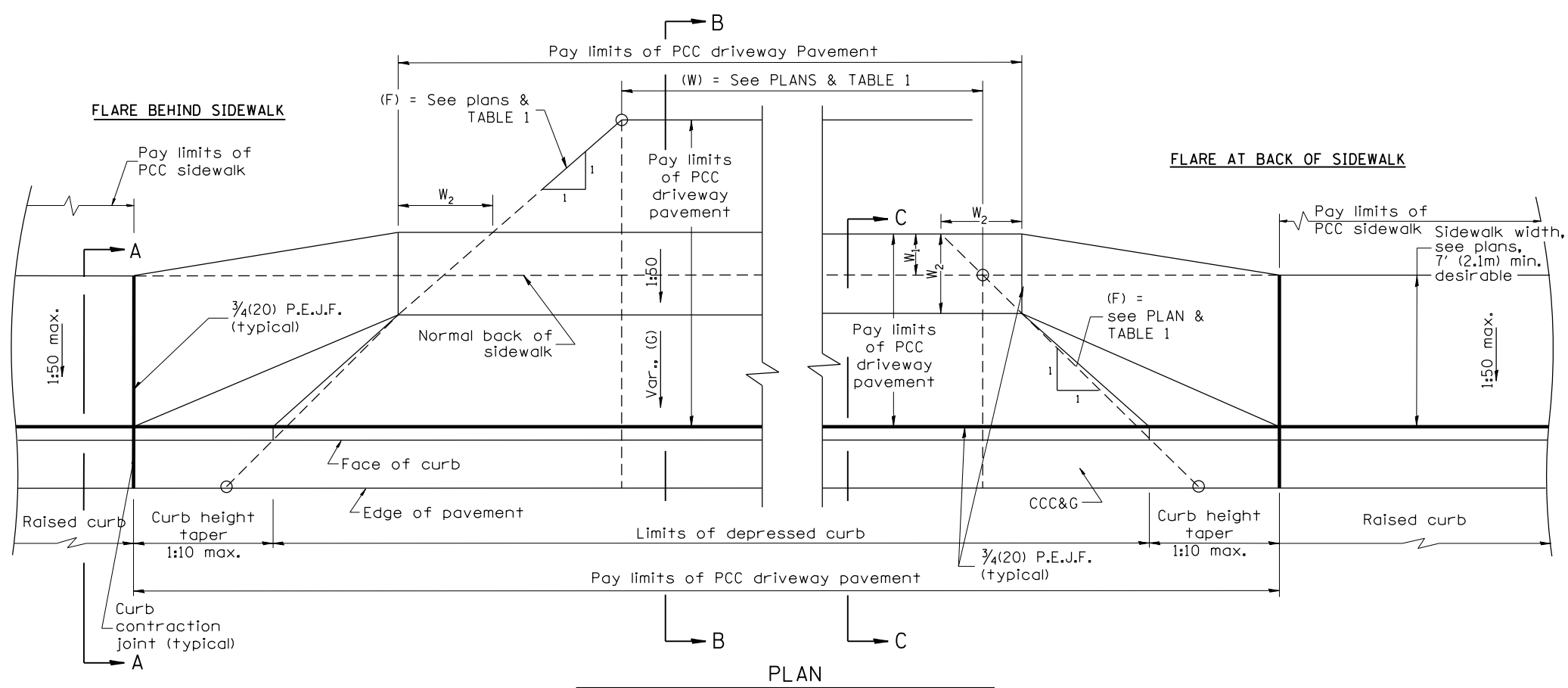


TABLE 1 URBAN ENTRANCE DESIGN CONTROLS				
ELEMENT	NON-COMMERCIAL		COMMERCIAL	
			1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%	

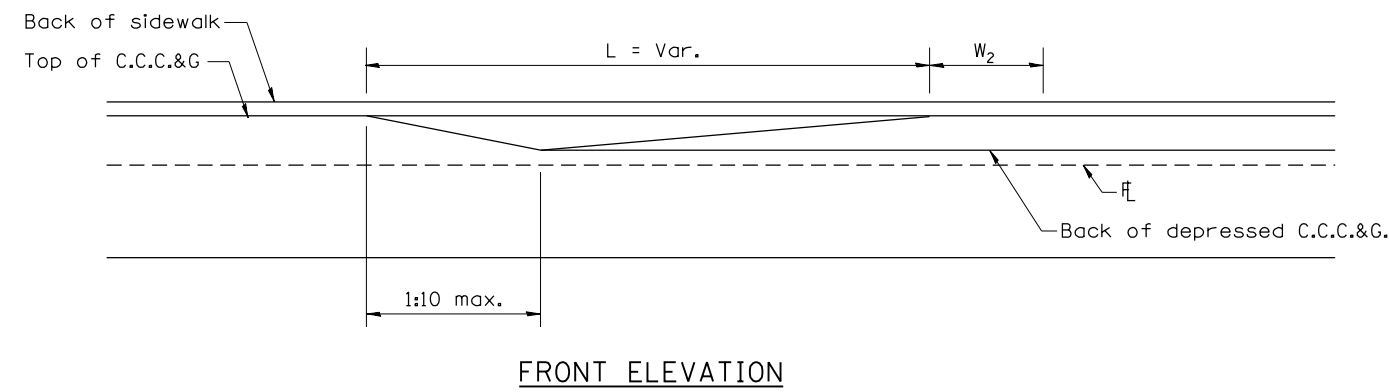
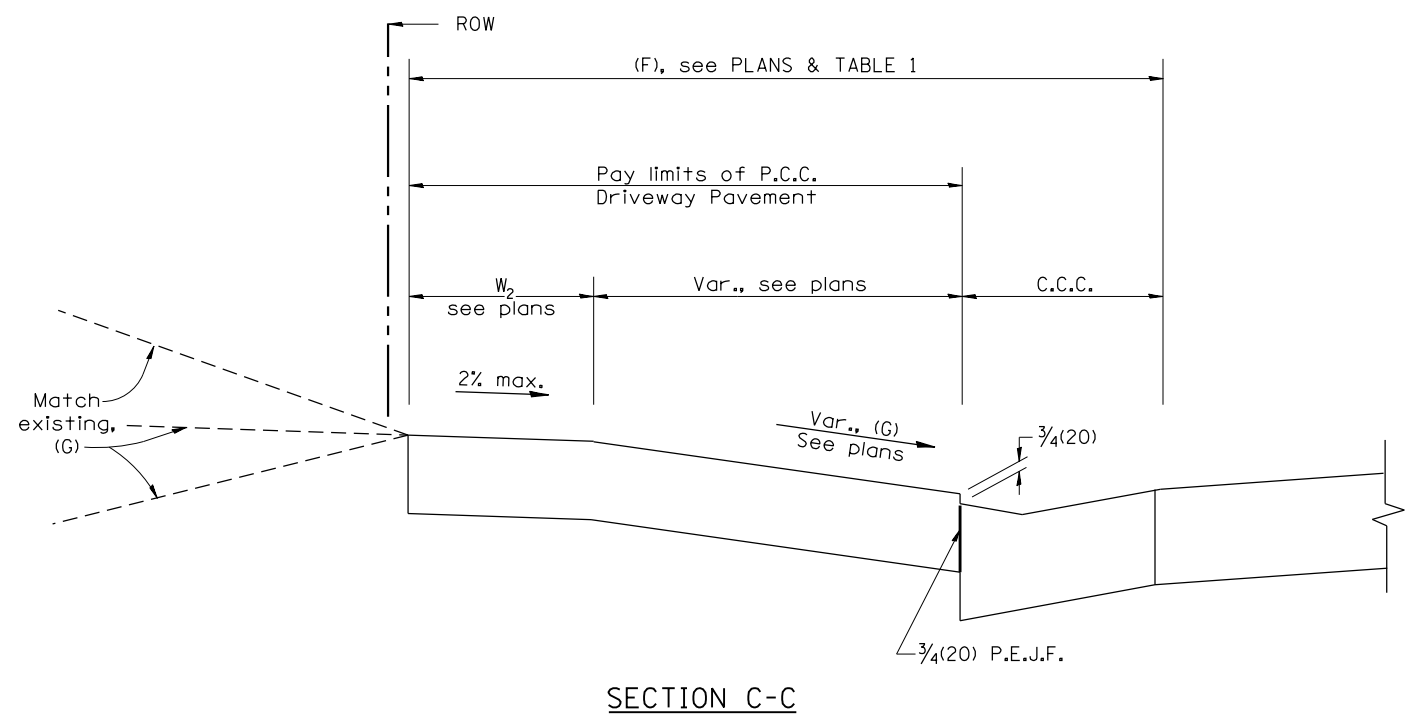
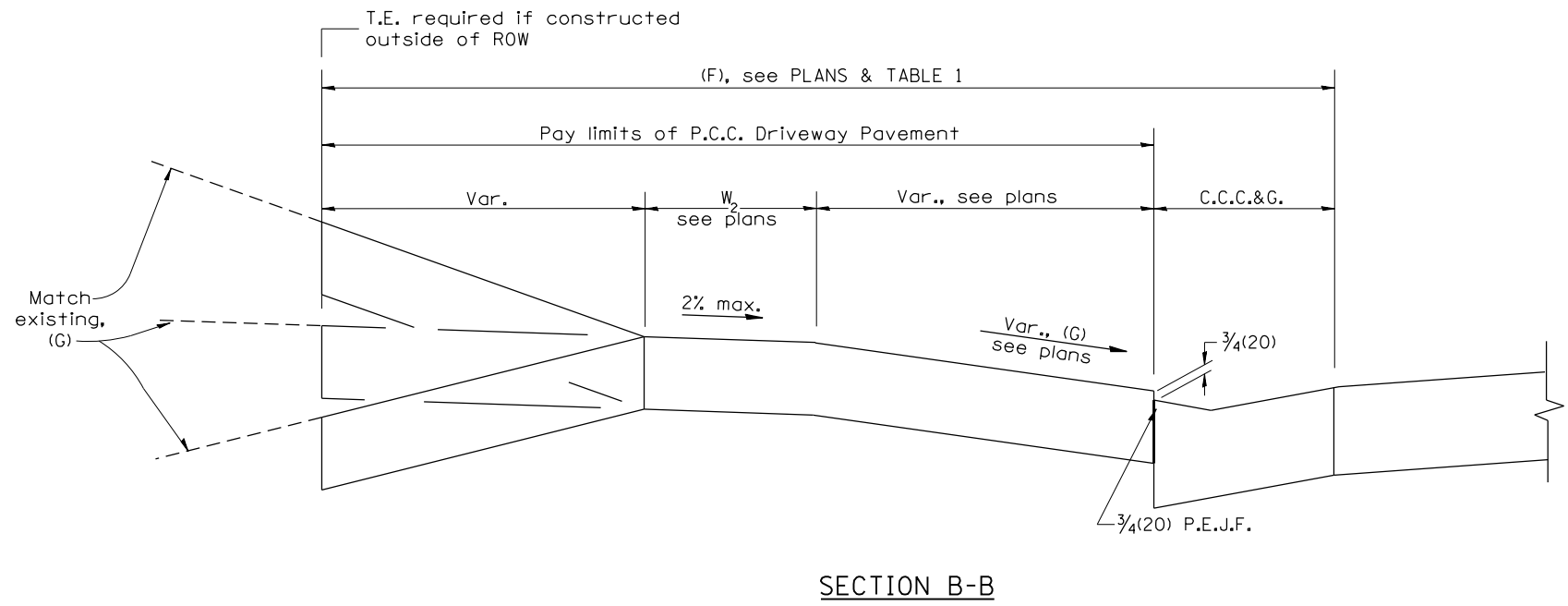
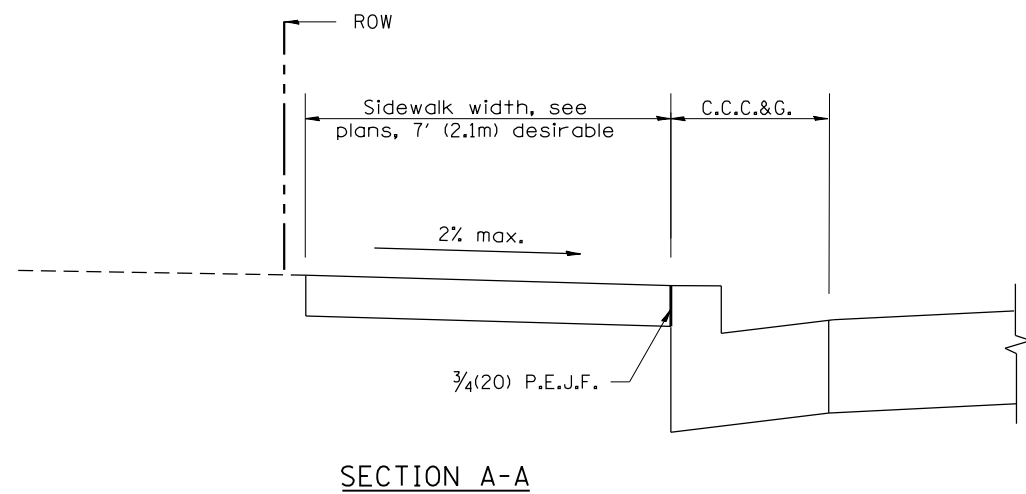


W_1 = widening behind normal sidewalk (See plans)
 W_2 = sidewalk slope at 1:50; minimum width = 48(1200)

GENERAL NOTES

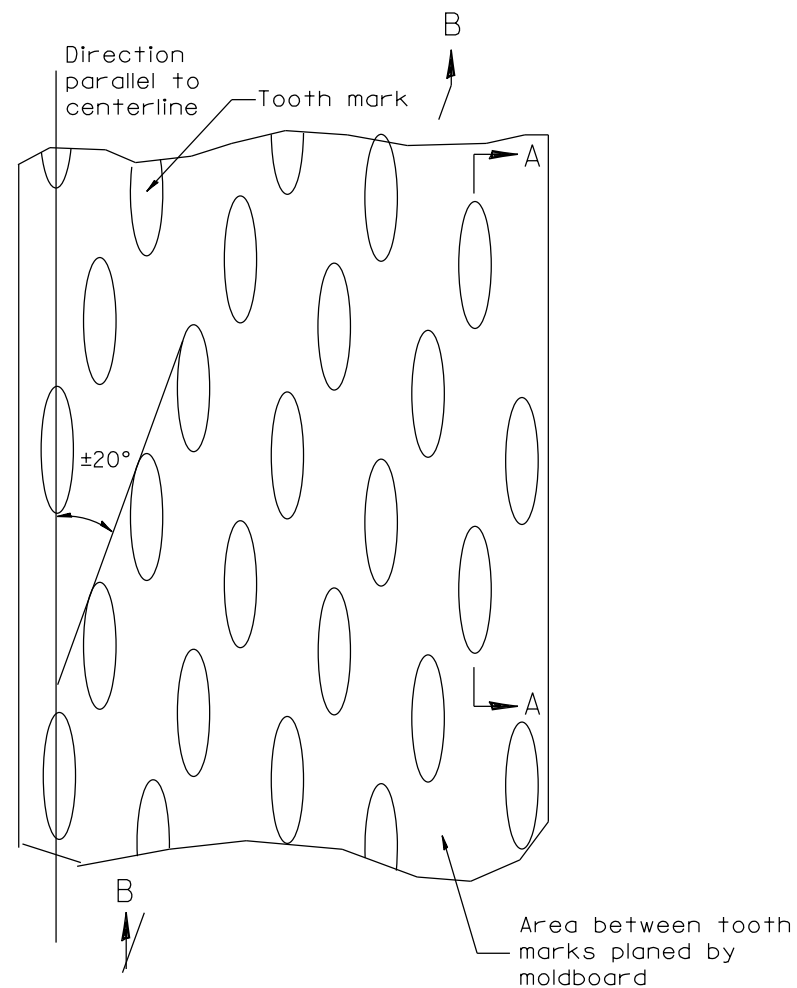
- The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
- Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
- Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
- Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

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

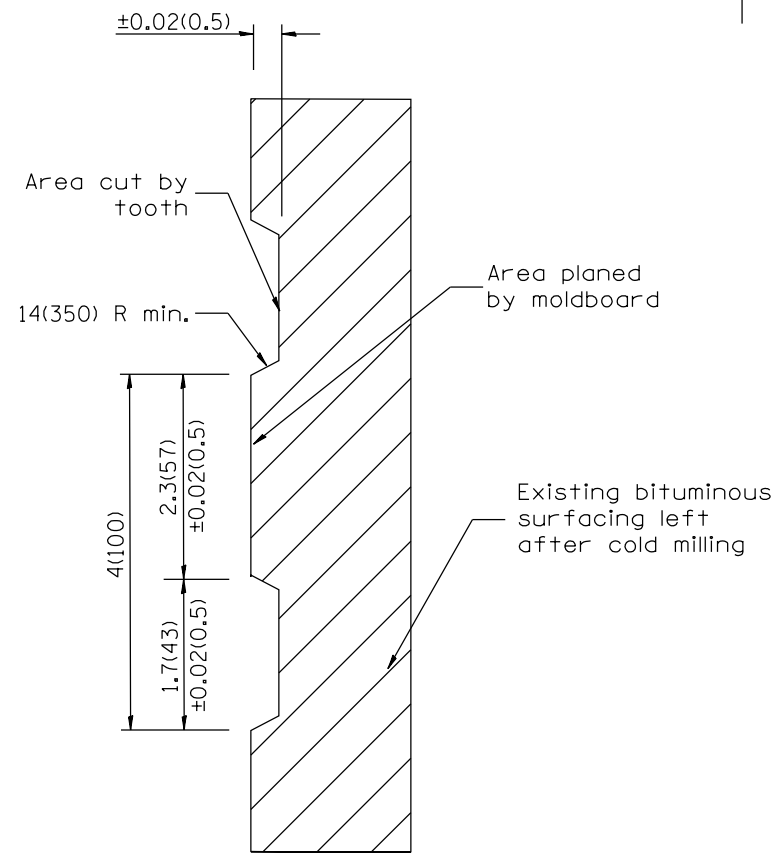


All dimensions are in inches (millimeters) unless otherwise noted.

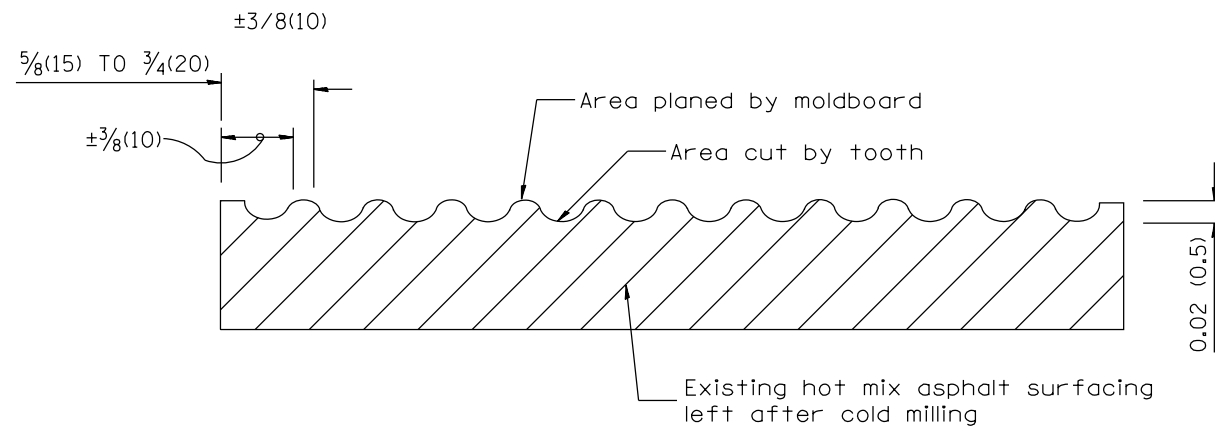
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, SPECIAL DESIGN FOR CURBLINE SIDEWALKS		SHT. 2 OF 2 CADD STD. 423111-D4		<table border="1"> <tr> <th>F.A.U. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>6658</td> <td>10N</td> <td>PEORIA</td> <td>120</td> <td>77</td> </tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	6658	10N	PEORIA	120	77
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
6658	10N	PEORIA	120	77																	
						NOT TO SCALE		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT											



PLAN



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

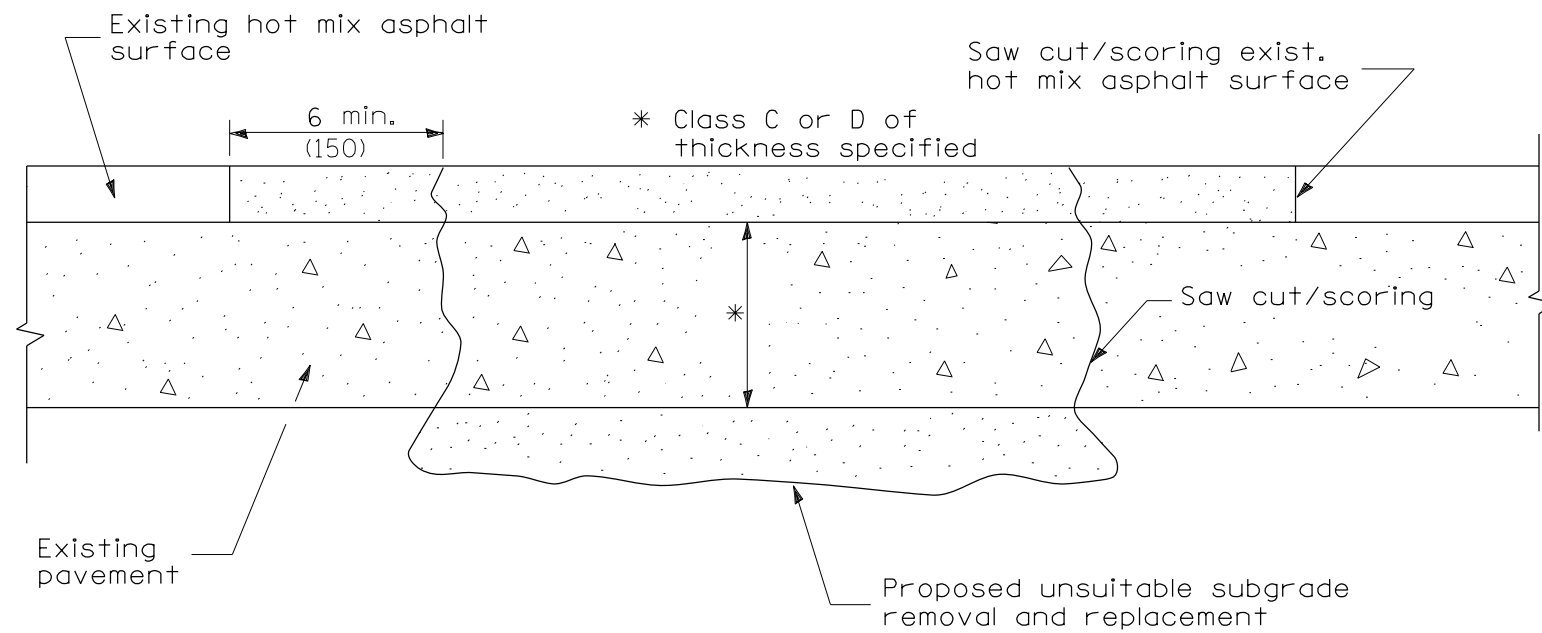
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	78
CONTRACT NO. 68A70				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION

1. Remove the existing hot mix asphalt surface.
2. Remove and replace full depth patches.
3. Replace hot mix asphalt surface.

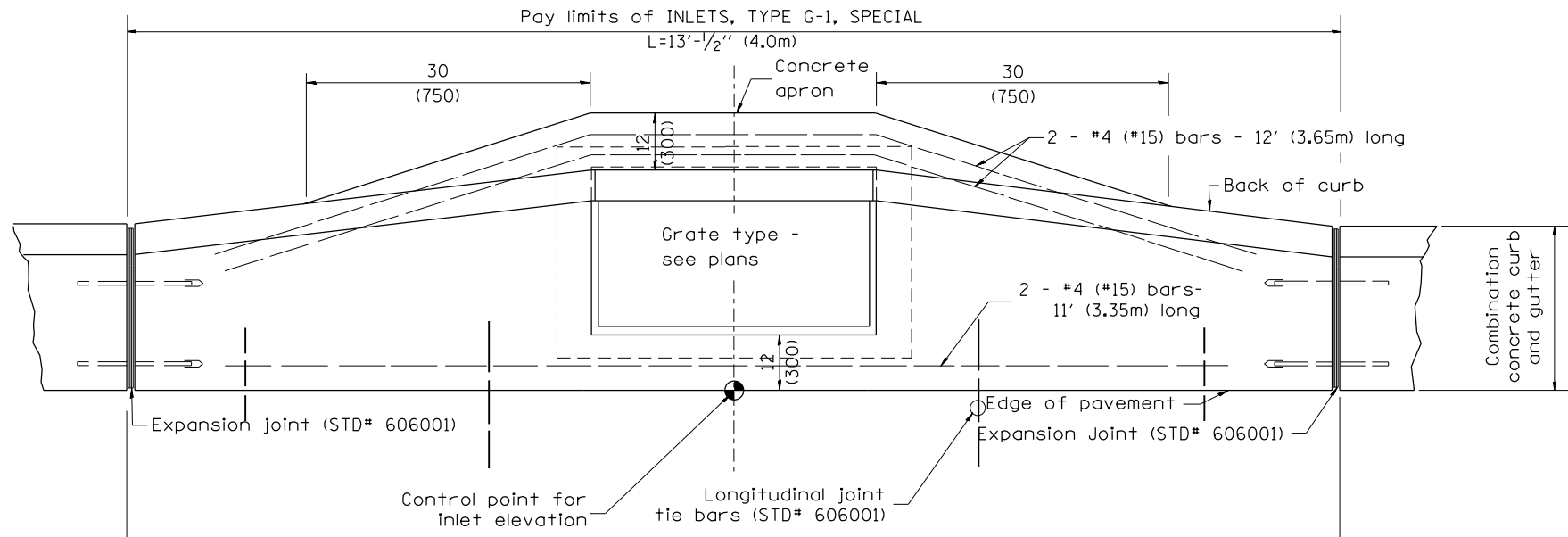
PAVEMENT PATCHING FOR
HOT MIX ASPHALT SURFACED PAVEMENT

GENERAL NOTES

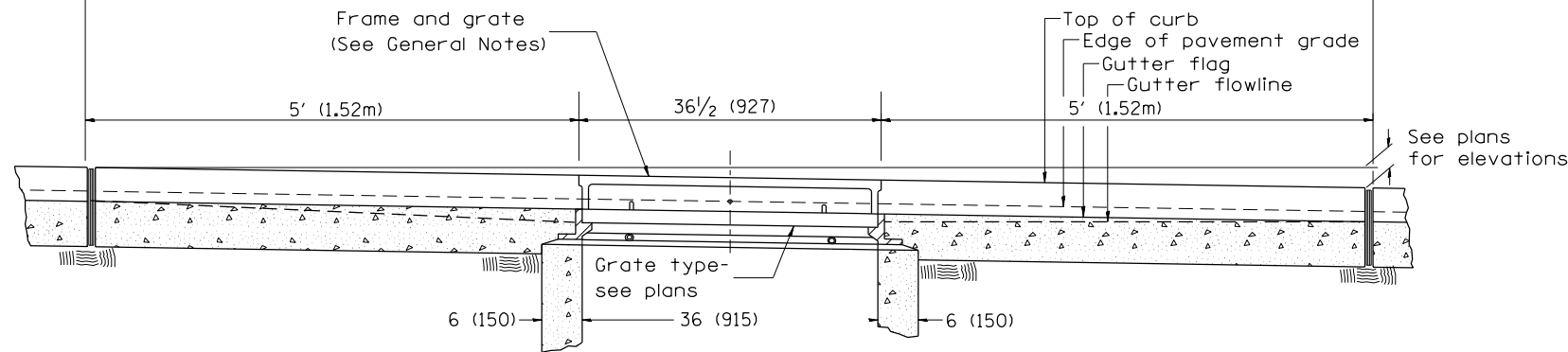
1. The width of the full depth patch over a trench shall be 12 (300) wider on each side of the trench.

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

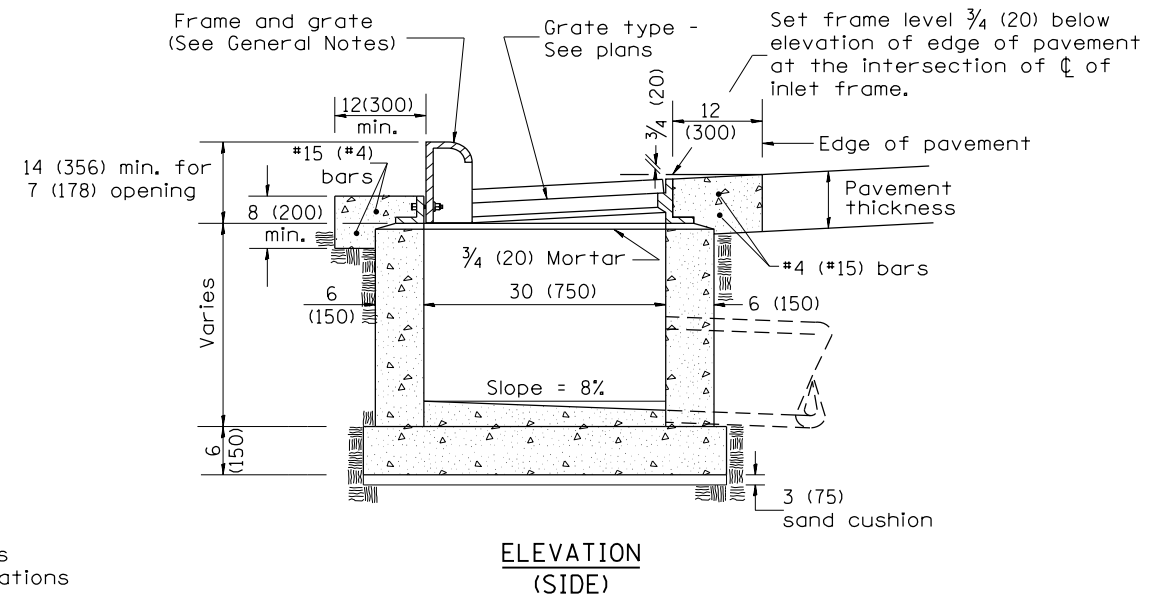
01-01-97	RENUM. C-104.03, NEW REVISION BOX, REVISED NOTES	T.P.																																																				
09-15-05	REVISED DESIGNER NOTE	M.M.A.																																																				
10-16-06	REVISED TO 2007 SPEC.	M.A.																																																				
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										HOT MIX ASPHALT SURFACE REMOVAL OVER PATCHES																																												
NOT TO SCALE										CADD STD. 440101-D4																																												
										<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">F.A.U. RTE.</th> <th style="width: 25%;">SECTION</th> <th style="width: 15%;">COUNTY</th> <th style="width: 10%;">TOTAL SHEETS</th> <th style="width: 10%;">SHEET NO.</th> </tr> <tr> <td>6658</td> <td>10N</td> <td>PEORIA</td> <td>120</td> <td>79</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 68A70</td> </tr> <tr> <td colspan="10">FED. ROAD DIST. NO.</td> <td colspan="10">ILLINOIS FED. AID PROJECT</td> </tr> </table>										F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	6658	10N	PEORIA	120	79	CONTRACT NO. 68A70					FED. ROAD DIST. NO.										ILLINOIS FED. AID PROJECT									
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																		
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FED. ROAD DIST. NO.										ILLINOIS FED. AID PROJECT																																												



PLAN



ELEVATION (FRONT)



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX	
12-01-98	CORRECT E.O.P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

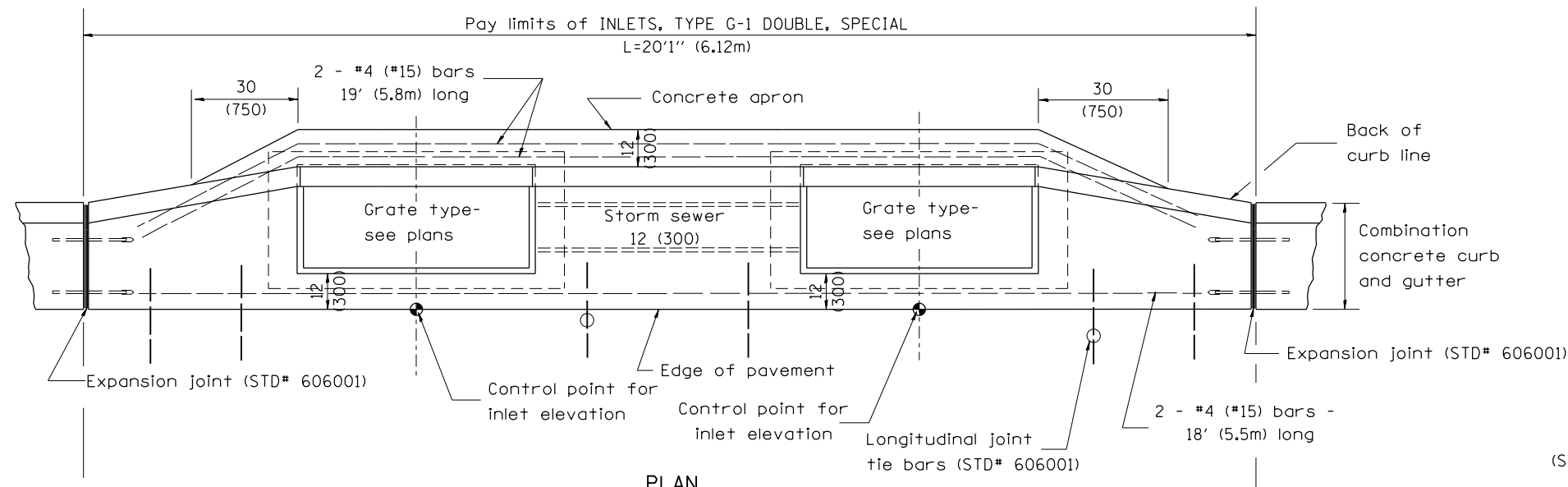
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1, SPECIAL

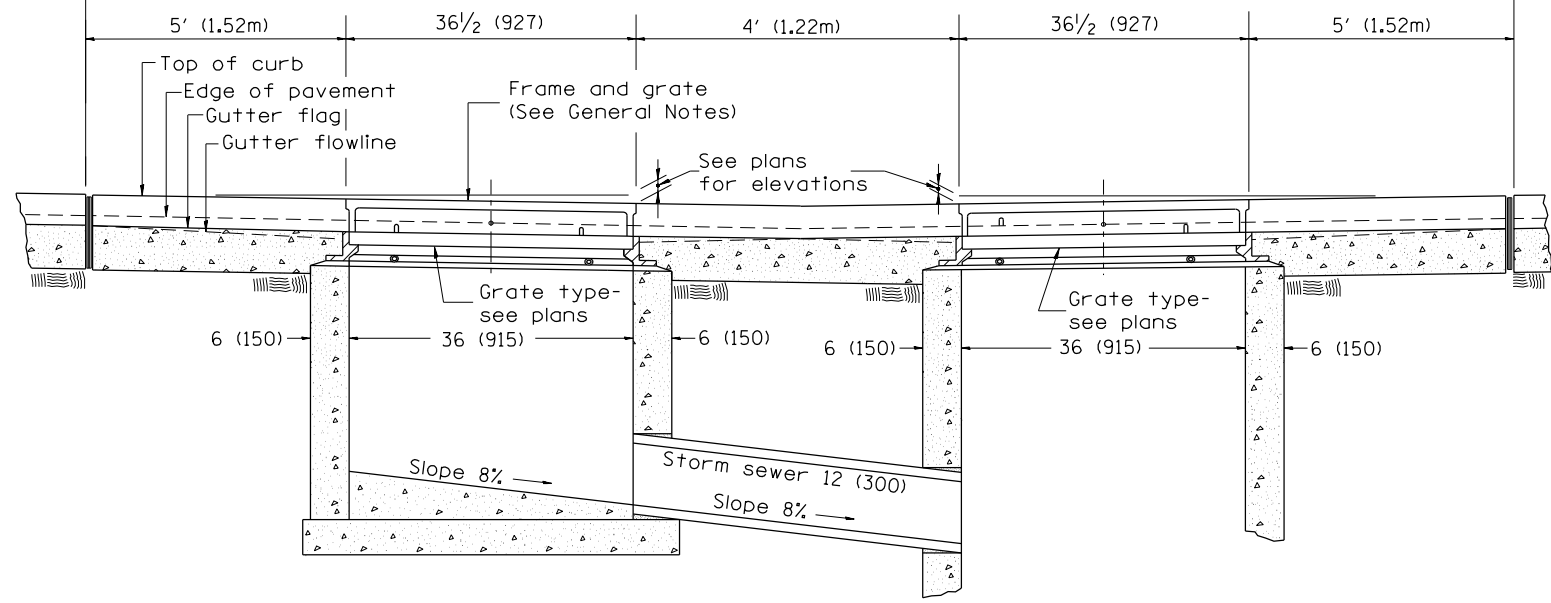
NOT TO SCALE

CADD STD. 602006-D4

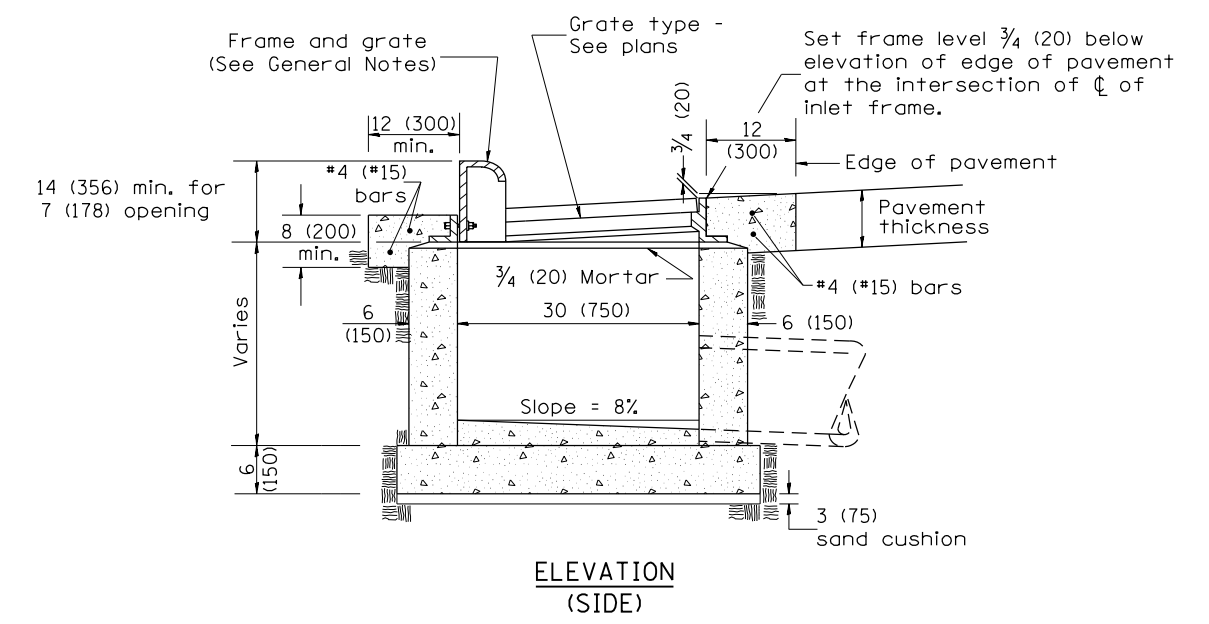
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	80
CONTRACT NO. 68A70				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.04, NEW REVISION BOX	T.P.							
04-01-97	CORRECT DIMENSIONS	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

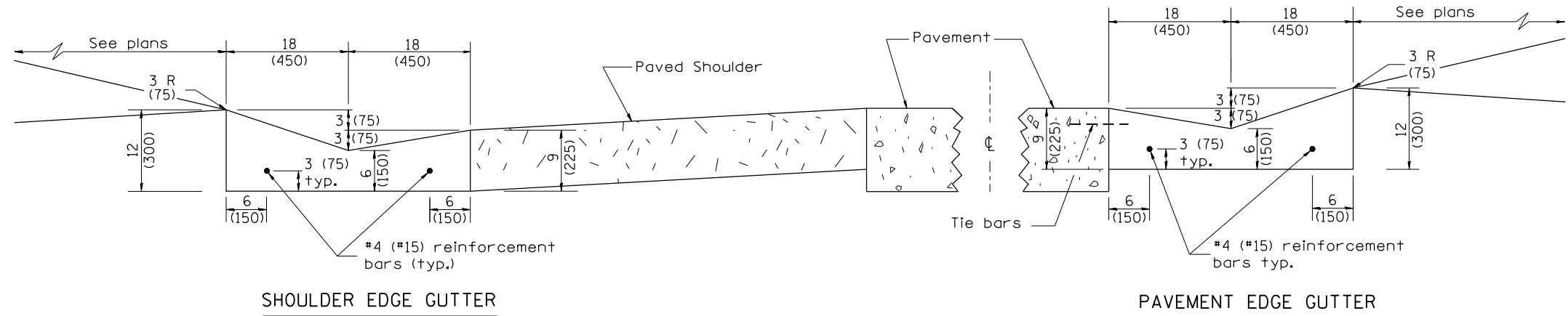
INLETS, TYPE G-1 DOUBLE, SPECIAL

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
6658 10N PEORIA 120 81
CONTRACT NO. 68A70

NOT TO SCALE

CADD STD. 602016-D4

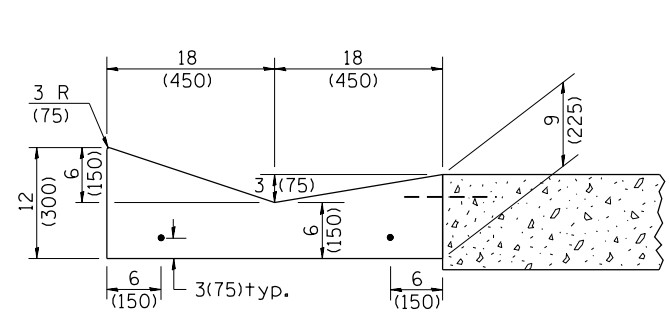
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



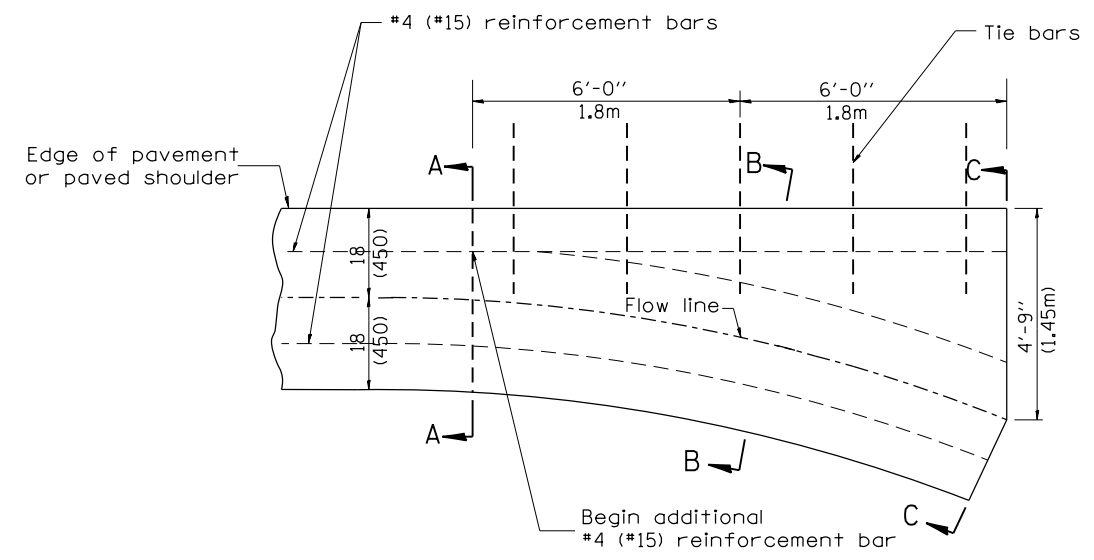
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

CONCRETE GUTTER, TYPE A, (SPECIAL)

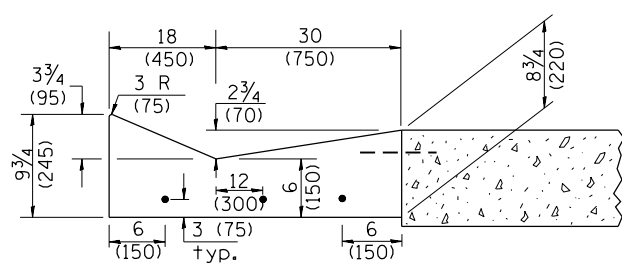


SECTION A-A

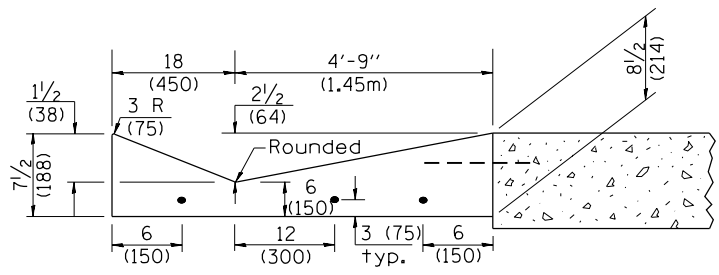


PLAN

QUANTITY
Section C-C to A-A= 1.2 cu. yd.
(0.92 m³) concrete.



SECTION B-B



SECTION C-C

INLET

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE A, (SPECIAL) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).

QUANTITIES
CALC. BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. A-1.02, NEW REVISION BOX, ELIMINATED	T.P.	01-10-07	REVISED QUANTITY	M.A.
	EXPANSION ANCHOR TIES		11-16-07	REVISED QUANTITY	M.A.
02-28-02	ENTRANCE TYPICALS REVISED	M.A.	02-15-11	CHANGED MODIFIED TO SPECIAL	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

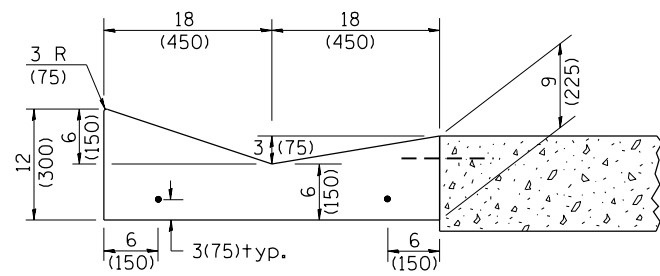
**CONCRETE GUTTER, TYPE A, (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

NOT TO SCALE

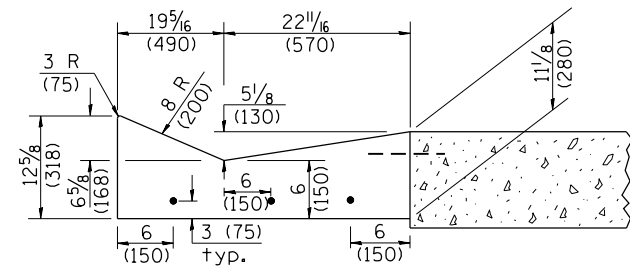
SHT. 1 OF 3
CADD STD. 606101-D4

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

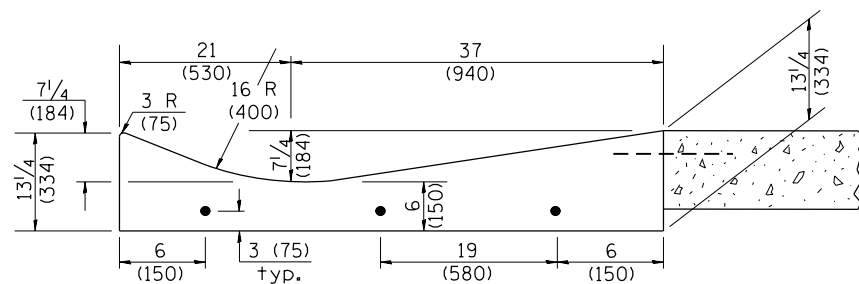
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	82
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A70	



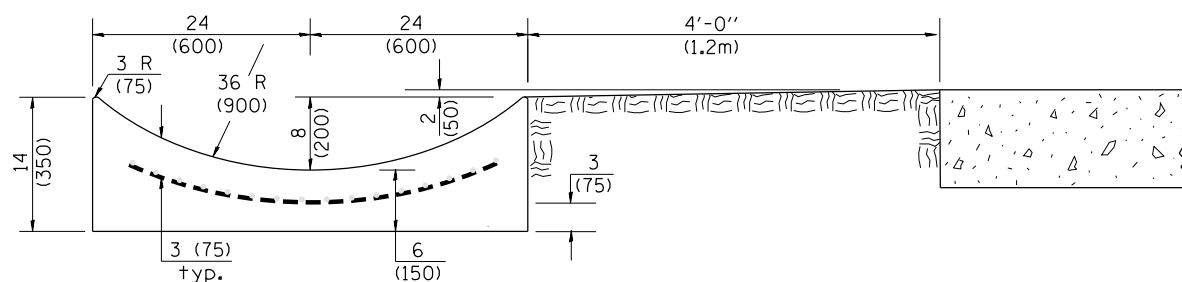
SECTION A-A



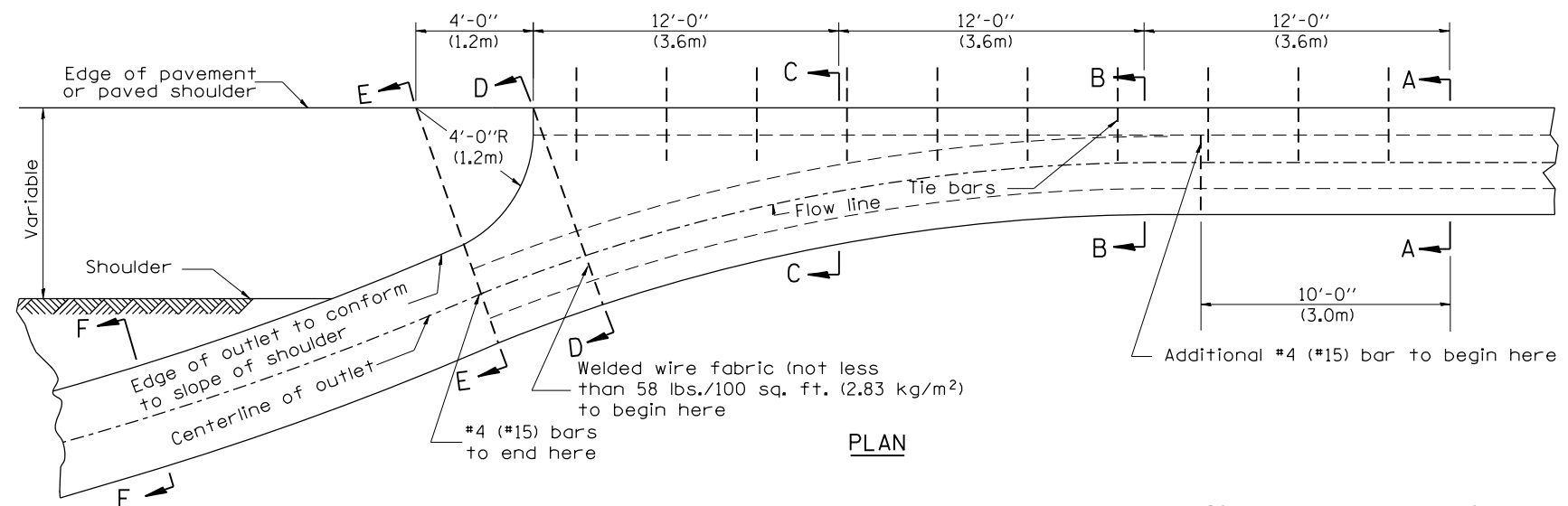
SECTION B-B



SECTION C-C



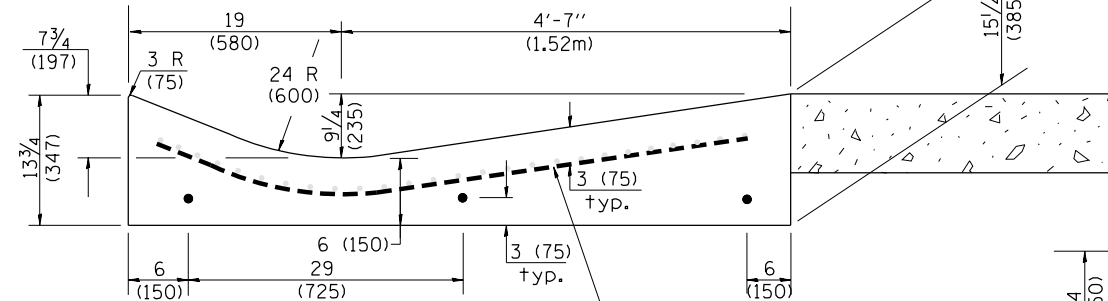
SECTION E-E



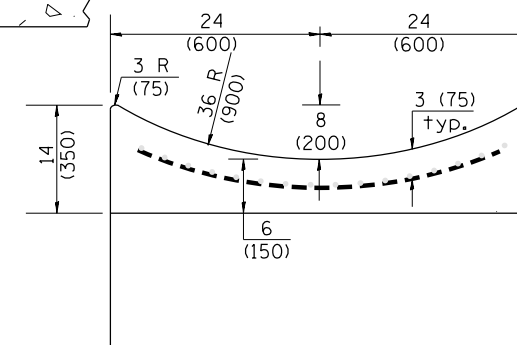
PLAN

QUANTITY
 Section A-A to E-E = 4.5 cu. yd. (3.36 m³) concrete.
 Section E-E to F-F = 0.10 cu. yd./ft. (0.26 m³/m) concrete.

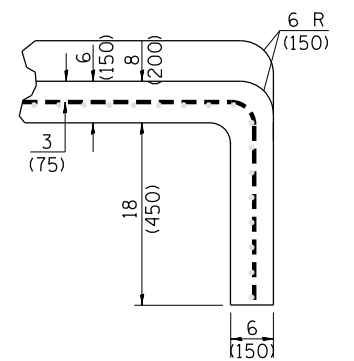
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8 m) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



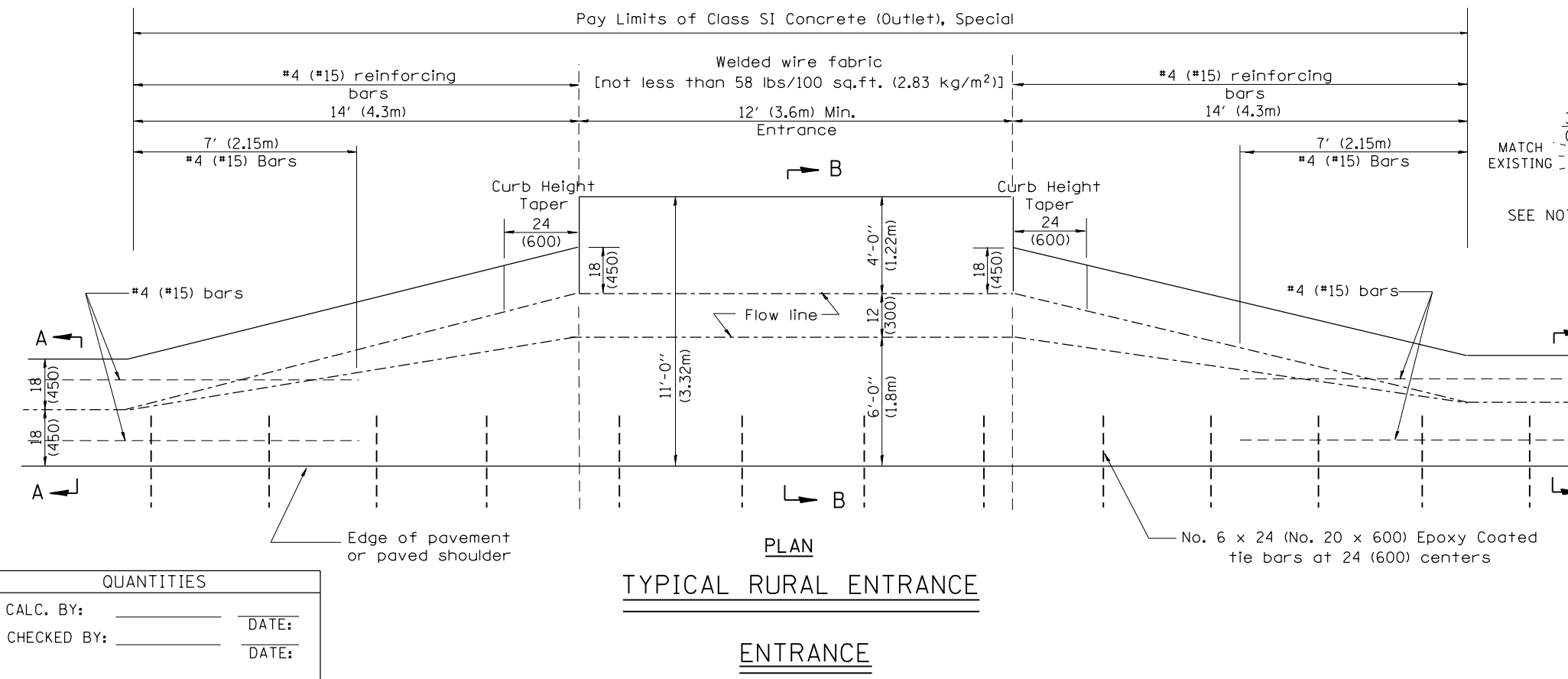
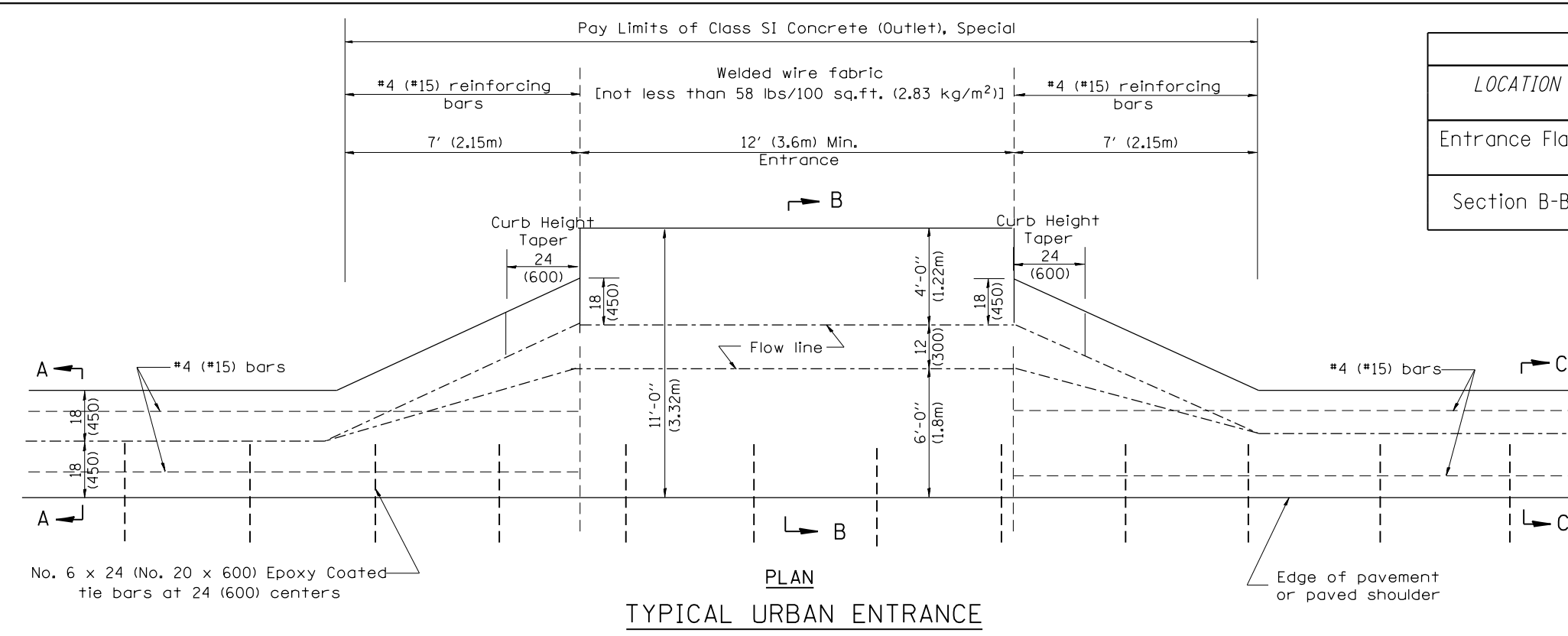
SECTIONS AT END OF OUTLET
(CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. (0.08 m³) concrete.

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

OUTLET

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	83
CONTRACT NO. 68A70				



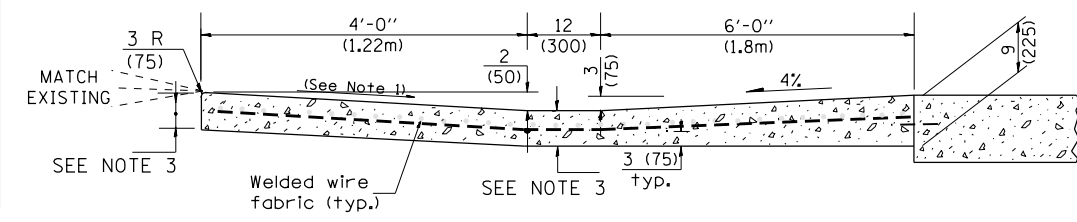
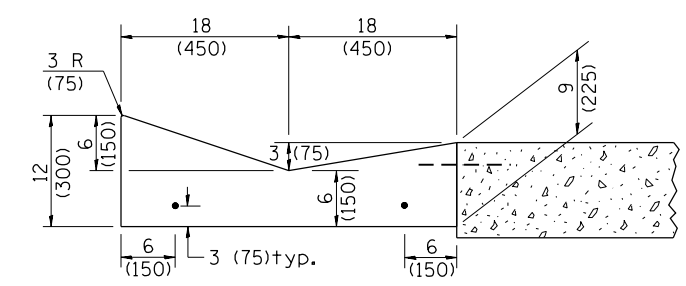
QUANTITIES

CALC. BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

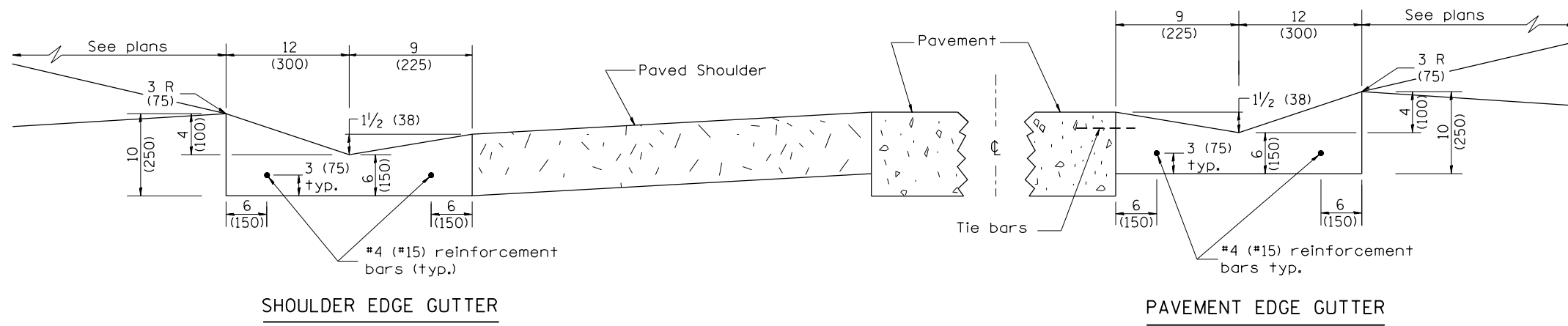
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

QUANTITY CALCULATION			
LOCATION	LENGTH	NON-COMMERCIAL 6 (150)	COMMERCIAL ENTRANCE 8 (200)
Entrance Flare	7 Ft (2.15 m) Urban 14 Ft (4.30 m) Rural	0.15 Cu Yd / Ft (0.37 Cu M / M)	0.18 Cu Yd / Ft (0.45 Cu M / M)
Section B-B	See Plans	0.23 Cu Yd / Ft (0.57 Cu M / M)	0.28 Cu Yd / Ft (0.70 Cu M / M)



- GENERAL NOTES**
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
 - The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
 - For Non-Commercial Entrances the driveway thickness shall be 6 (150). For Commercial Entrances the driveway thickness shall be 8 (200).

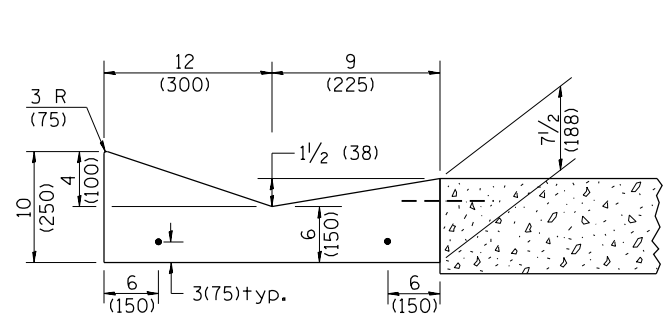
All dimensions are in inches (millimeters) unless otherwise noted.



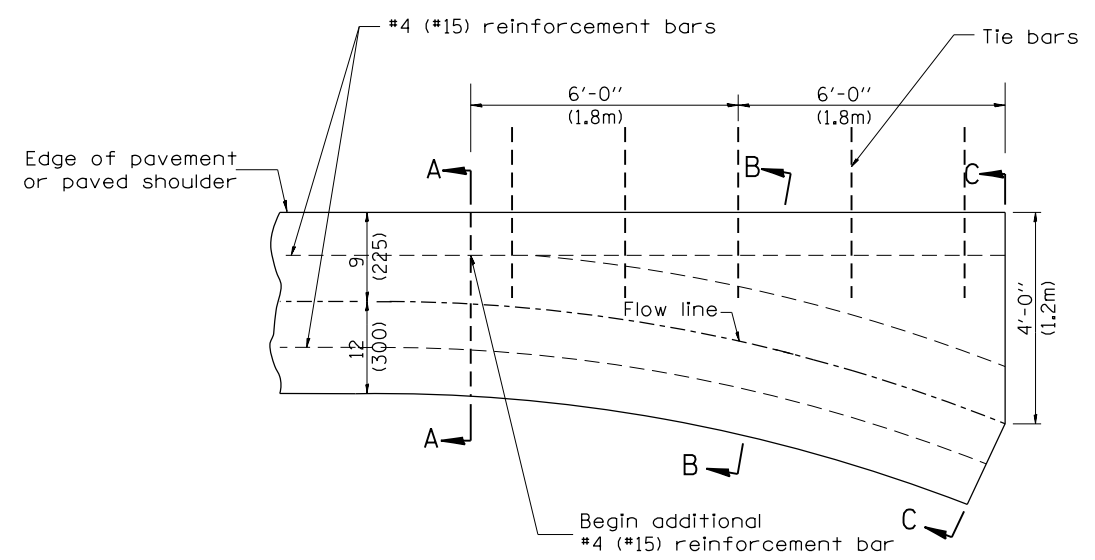
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

CONCRETE GUTTER, TYPE B, (SPECIAL)

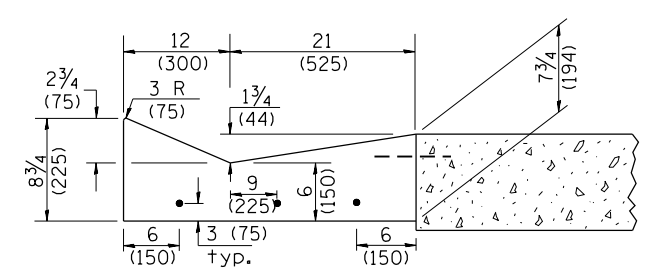


SECTION A-A

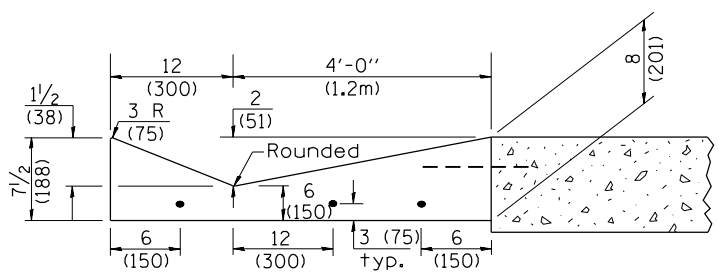


PLAN

QUANTITY
Section C-C to A-A=
0.73 cu. yd. concrete.



SECTION B-B



SECTION C-C

INLET

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE B (SPECIAL) shall conform to the the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).

QUANTITIES
CALC. BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. A-1.01, NEW REVISION BOX, ELIMINATED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	EXPANSION ANCHOR TIES		11-16-07	REVISED QUANTITY	M.A.
03-06-98	CORRECT DIMENSIONING	J.A.	02-15-11	CHANGED MODIFIED TO SPECIAL	R.D.
03-10-06	REVISED QUANTITY	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

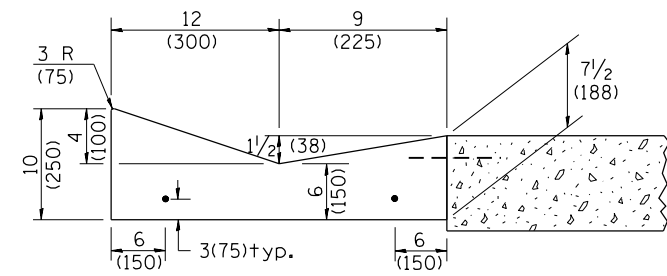
**CONCRETE GUTTER, TYPE B, (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

NOT TO SCALE

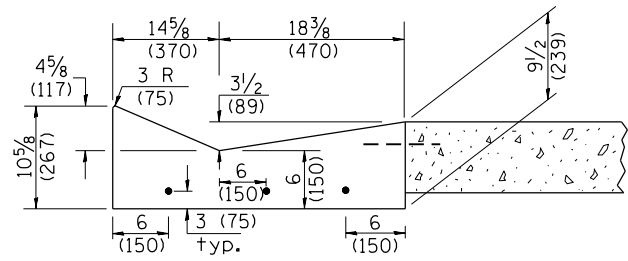
SHT. 1 OF 3
CADD STD. 606201-D4

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

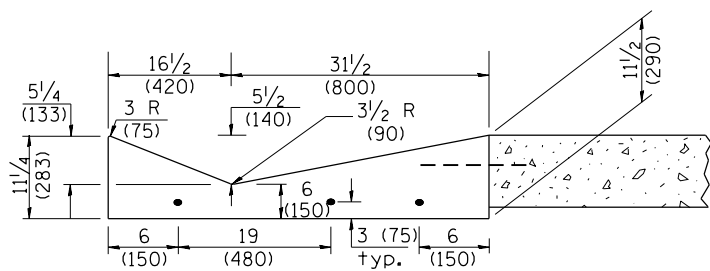
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	85
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A70	



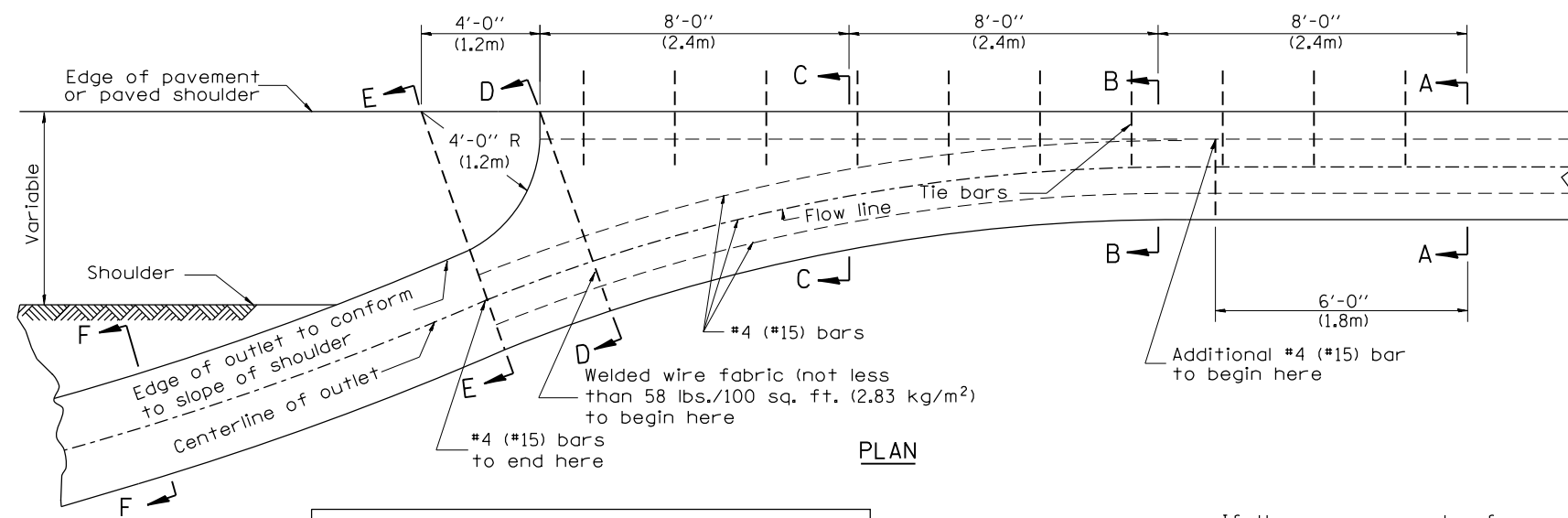
SECTION A-A



SECTION B-B



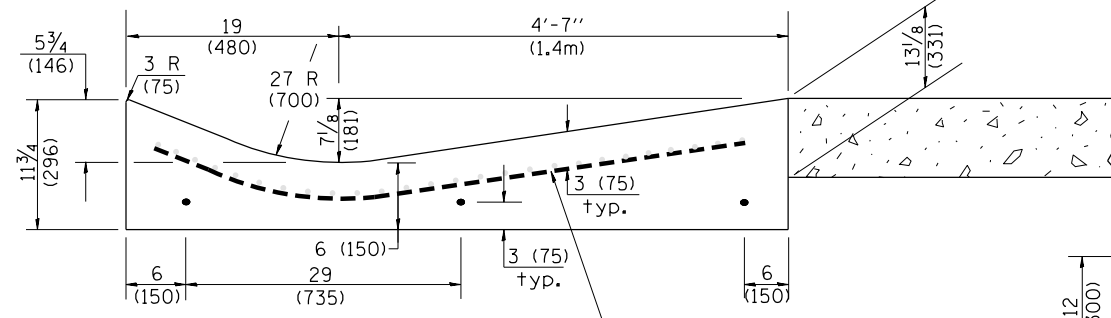
SECTION C-C



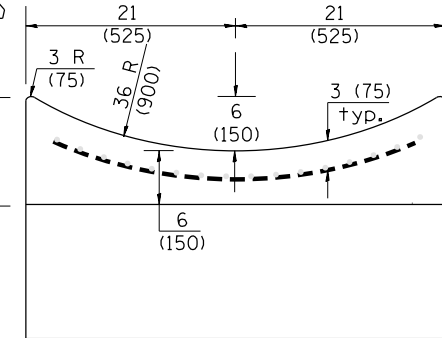
PLAN

QUANTITY
 Section A-A to E-E= 2.81 cu. yd. concrete.
 Section E-E to F-F= 0.09 cu. yd./ft. concrete.

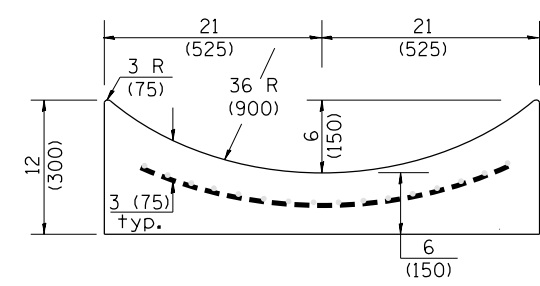
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8m) for each 1% increase in grade. A quantity adjustment is required.



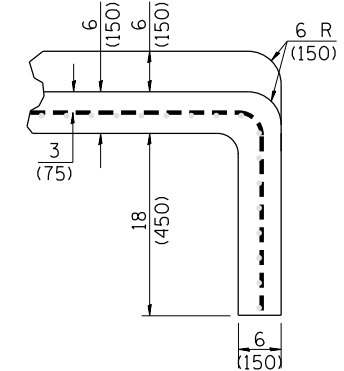
SECTION D-D



SECTION E-E



SECTION F-F



SECTIONS AT END OF OUTLET (CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. concrete.

OUTLET

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

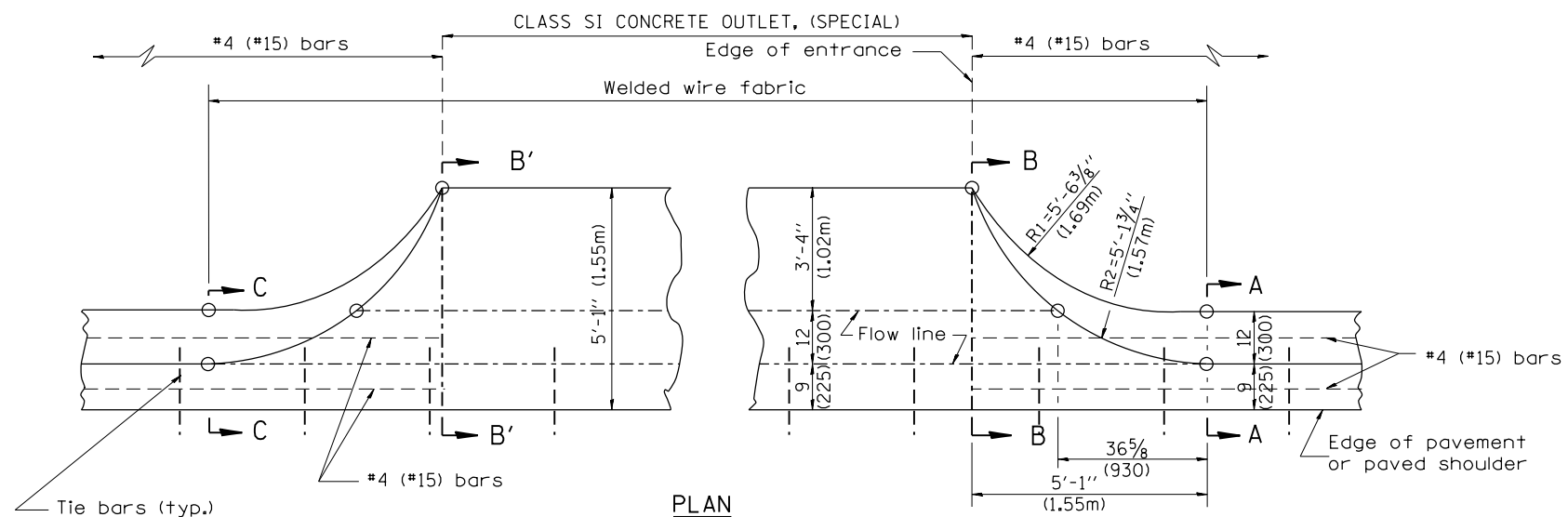
NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 606201-D4

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

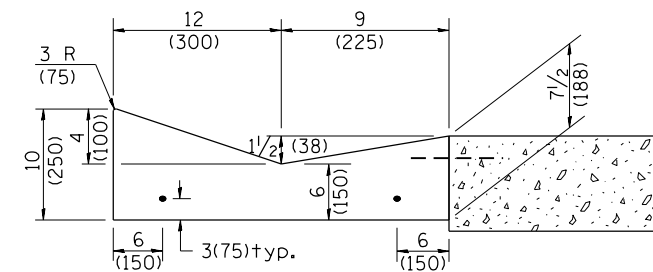
F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	86
CONTRACT NO. 68A70				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

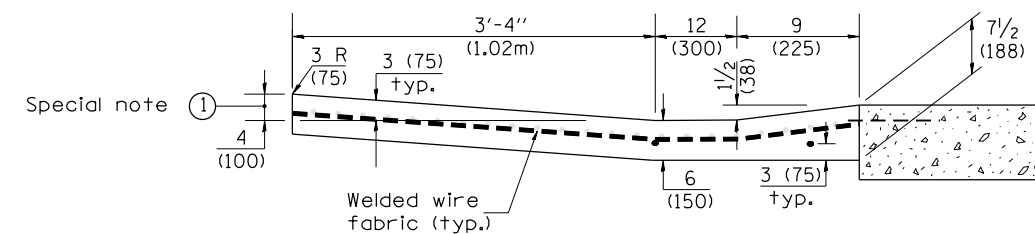


TYPICAL URBAN ENTRANCE

QUANTITY URBAN ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 0.69 cu. yd.

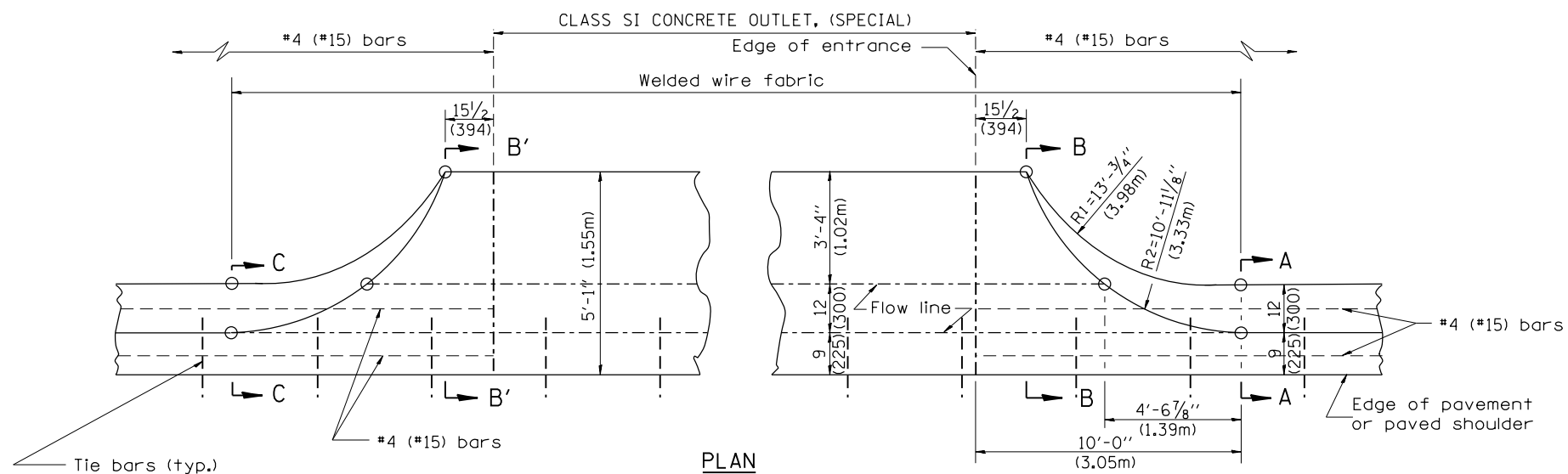


SECTION A-A & C-C



SECTION B-B & B'-B'

SPECIAL NOTES:
 ① 4 (100) is the normal dimension. If specified in the plans, the following shall be used for improved entrance match-up: Minimum - 2 1/2 (65) Maximum - 5 (125)



TYPICAL RURAL ENTRANCE

QUANTITY RURAL ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 1.19 cu. yd.

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

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

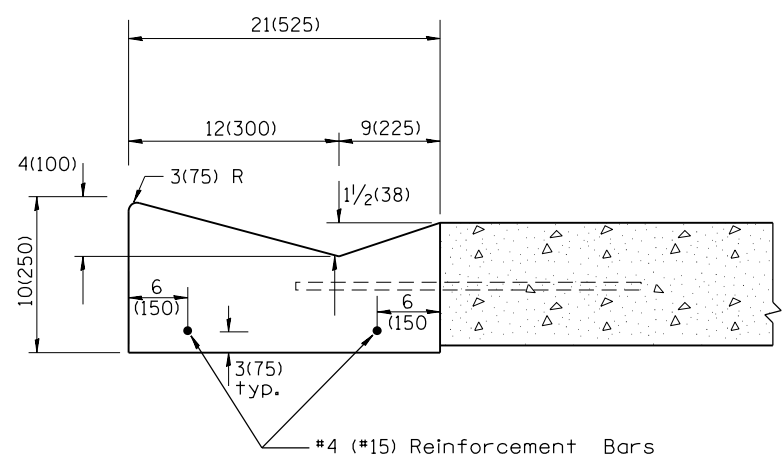
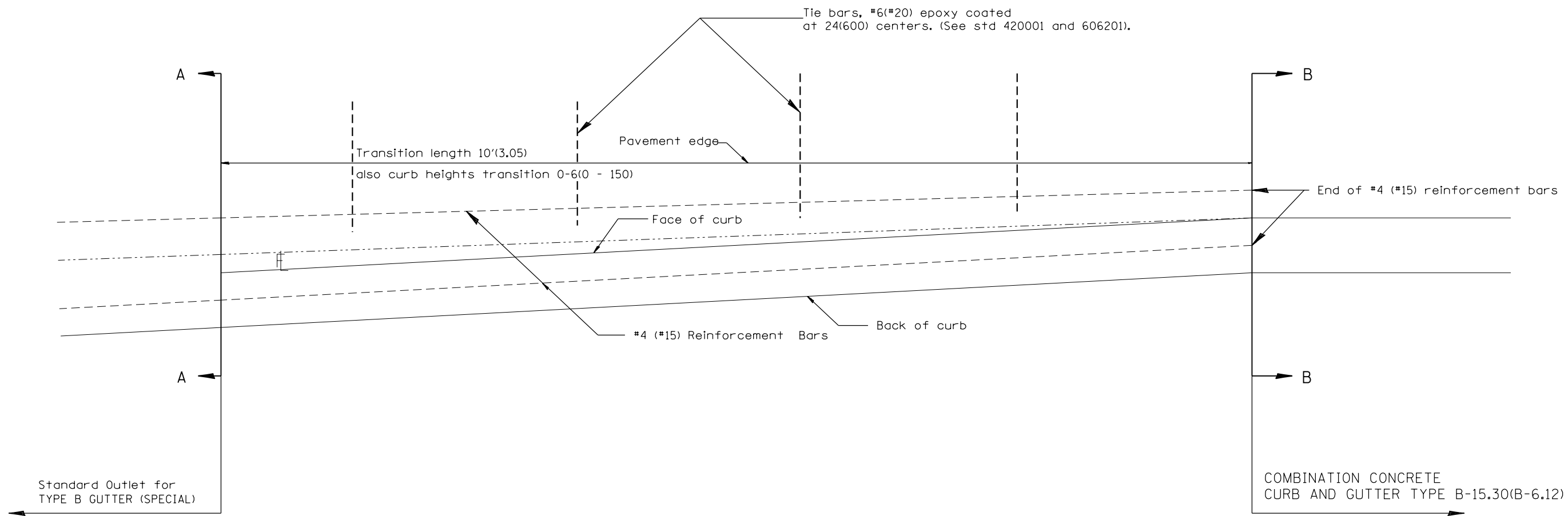
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER, TYPE B, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

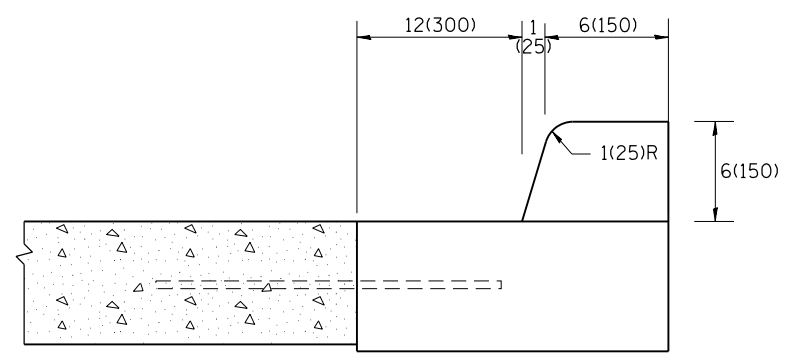
NOT TO SCALE

SHT. 3 OF 3
 CADD STD. 606201-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	87
CONTRACT NO. 68A70				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SECTION A - A



SECTION B - B

GENERAL NOTES:

1. Tie bars shall be constructed in accordance with details for BULKHEAD LONGITUDINAL CONSTRUCTION JOINT shown on Standard 420001.
2. Adjacent to sound existing p.c.c. pavement, tie bars shall be installed in drilled holes in accordance with article 420.10(b).
3. Construction and expansion joints shall be installed in prolongation with joints in the pavement. Joint shall be constructed in accordance with the applicable portion of Art. 606.06 of the Standard Specifications.

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

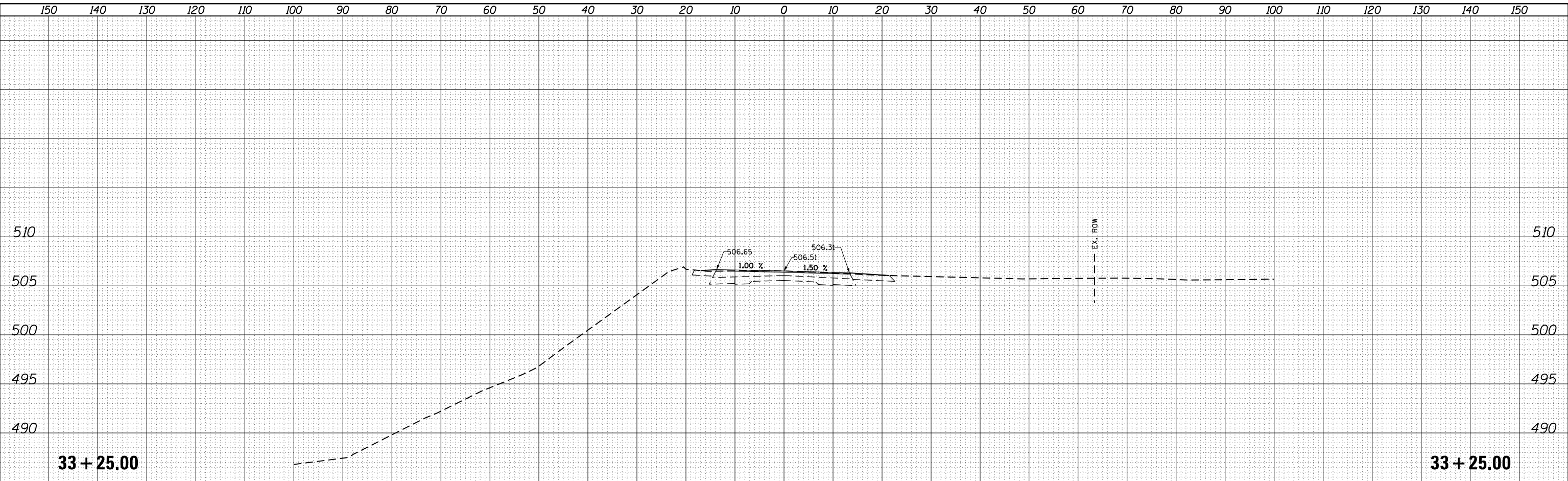
01-01-97	RENUM. A-7.11, METRICS, NEW REVISION BOX, REVISED	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION FROM CONCRETE CURB AND GUTTER TYPE B-6.12 (B-15.30) TO OUTLET FOR TYPE B GUTTER (SPECIAL)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
10-16-06	GENERAL NOTES, ELIMINATED EXPANSION TIE ANCHORS	M.A.						6658	10N	PEORIA	120	88	
02-15-11	REVISED TO 2007 SPEC.	R.D.											
	CHANGED MODIFIED TO SPECIAL												

NOT TO SCALE

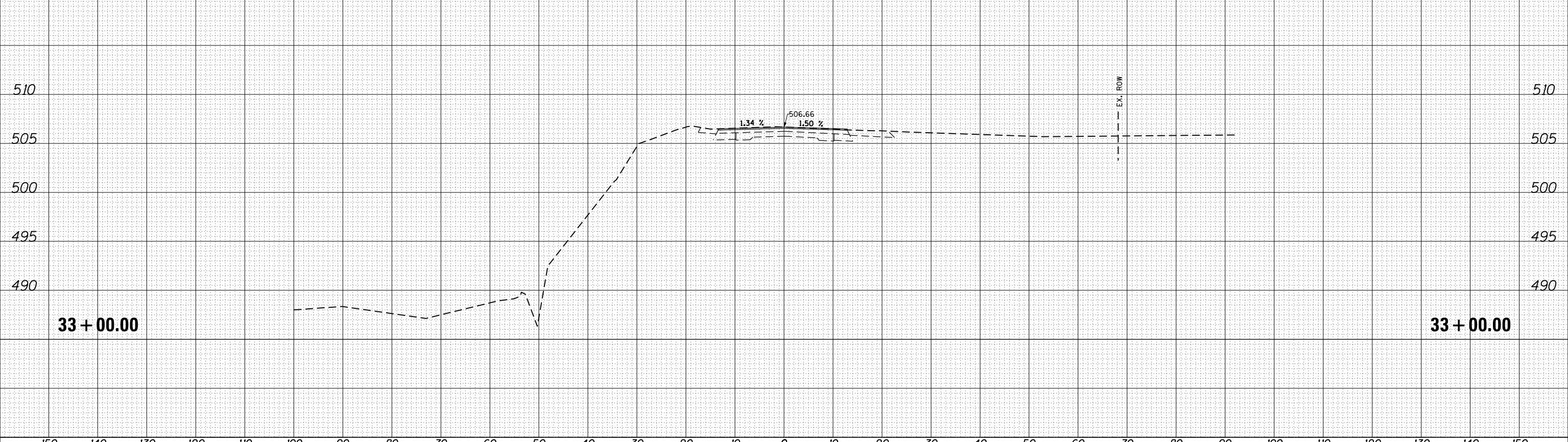
CADD STD. 606206-D4

CONTRACT NO. 68A70
ILLINOIS FED. AID PROJECT

BY	DATE
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NOTE BOOK	PLOTTED
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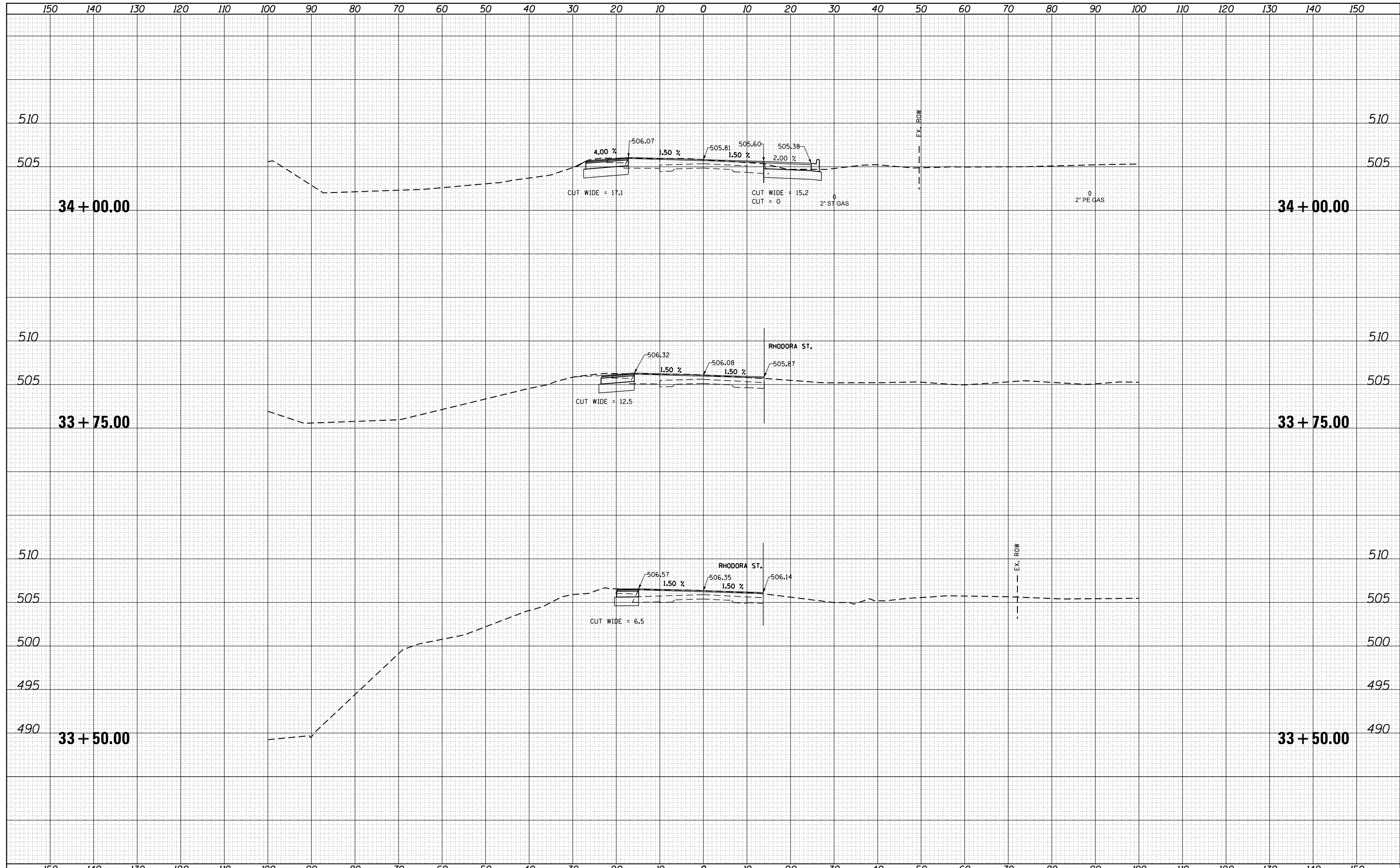


BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



DATE	
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SURVEYED	
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NOTE BOOK	
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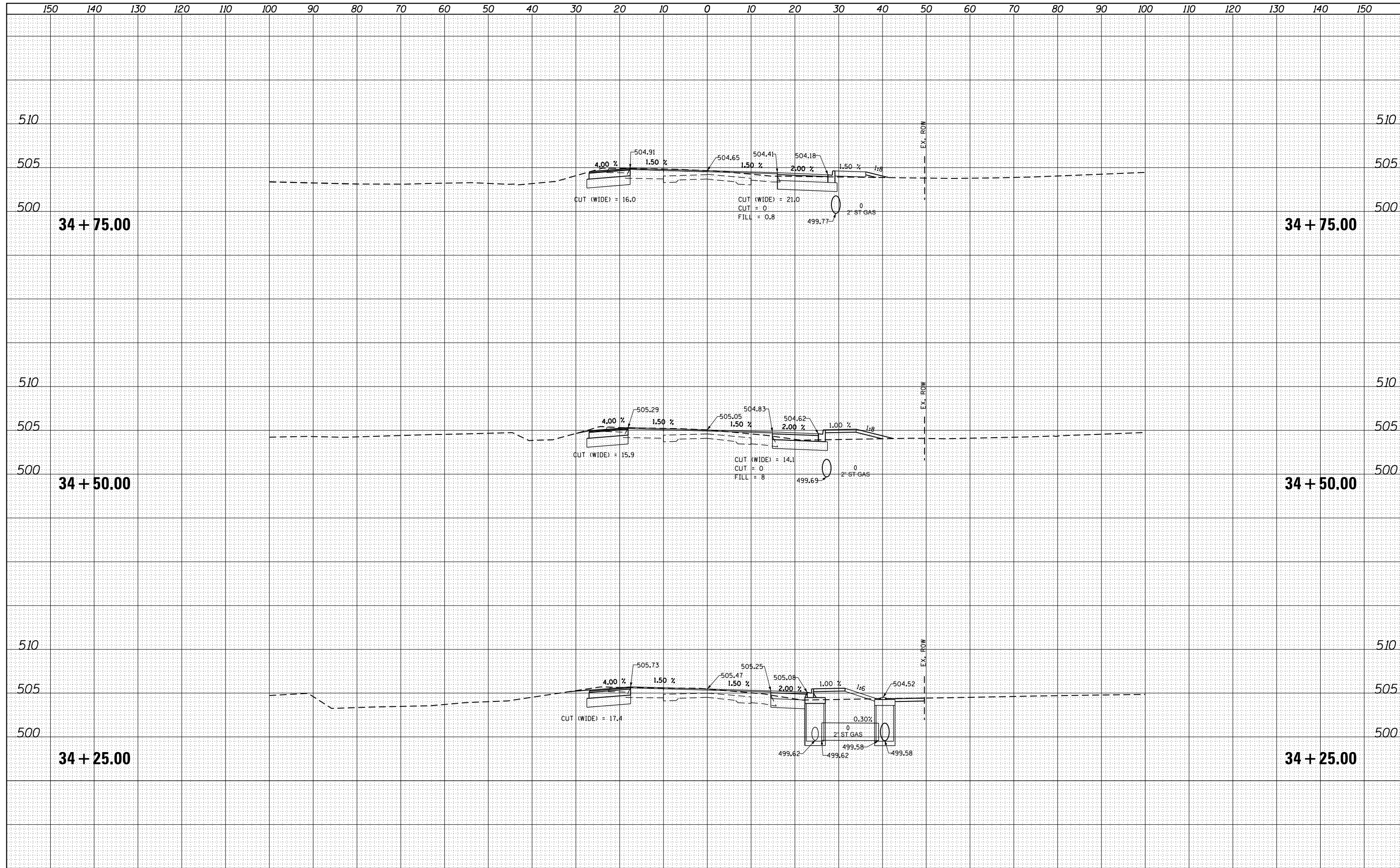
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ILLINOIS FED. AID PROJECT									

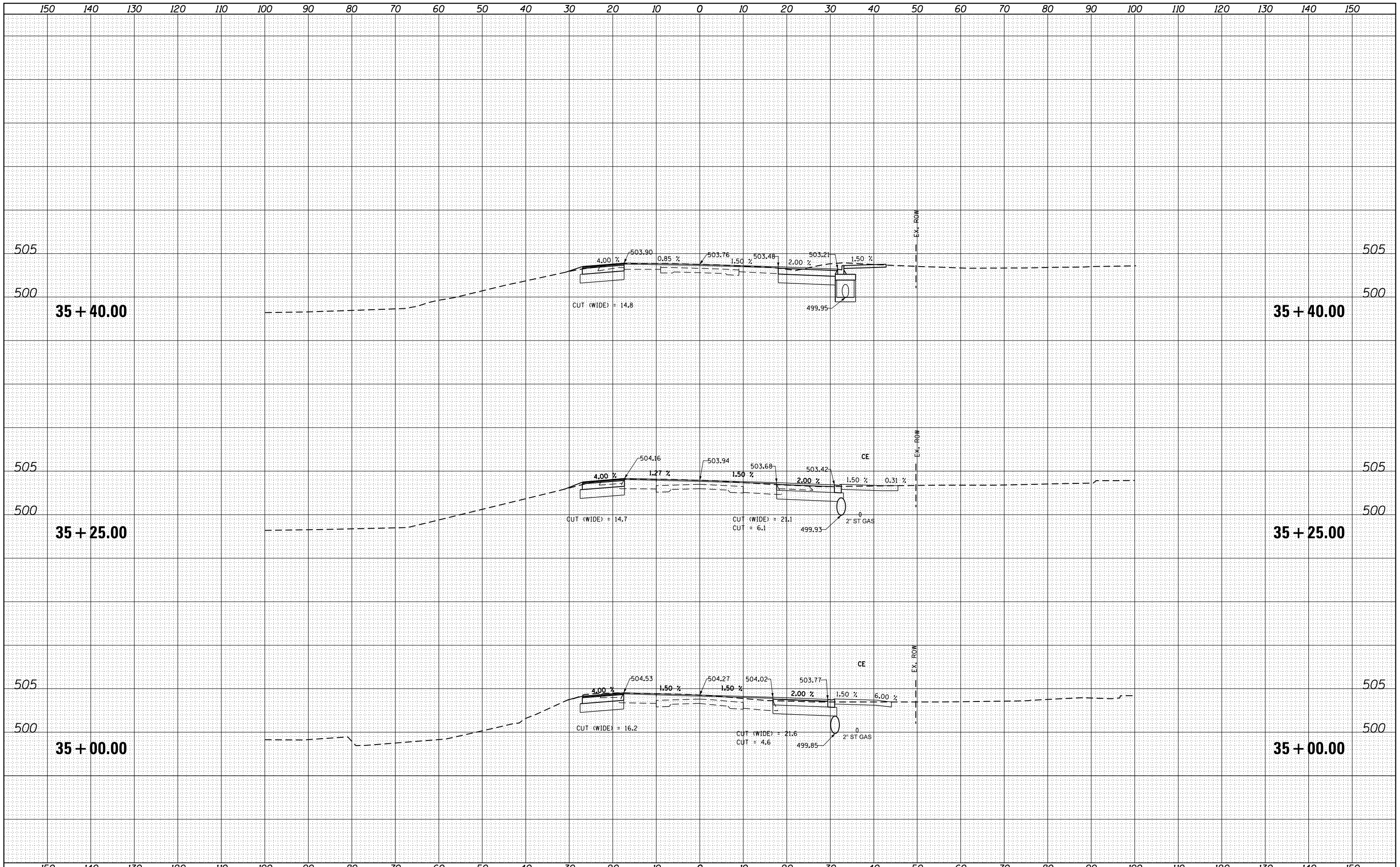
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BY	
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NOTE BOOK	PLOTTED
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DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED



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DRAWN -	REVISIED -	REVISIED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

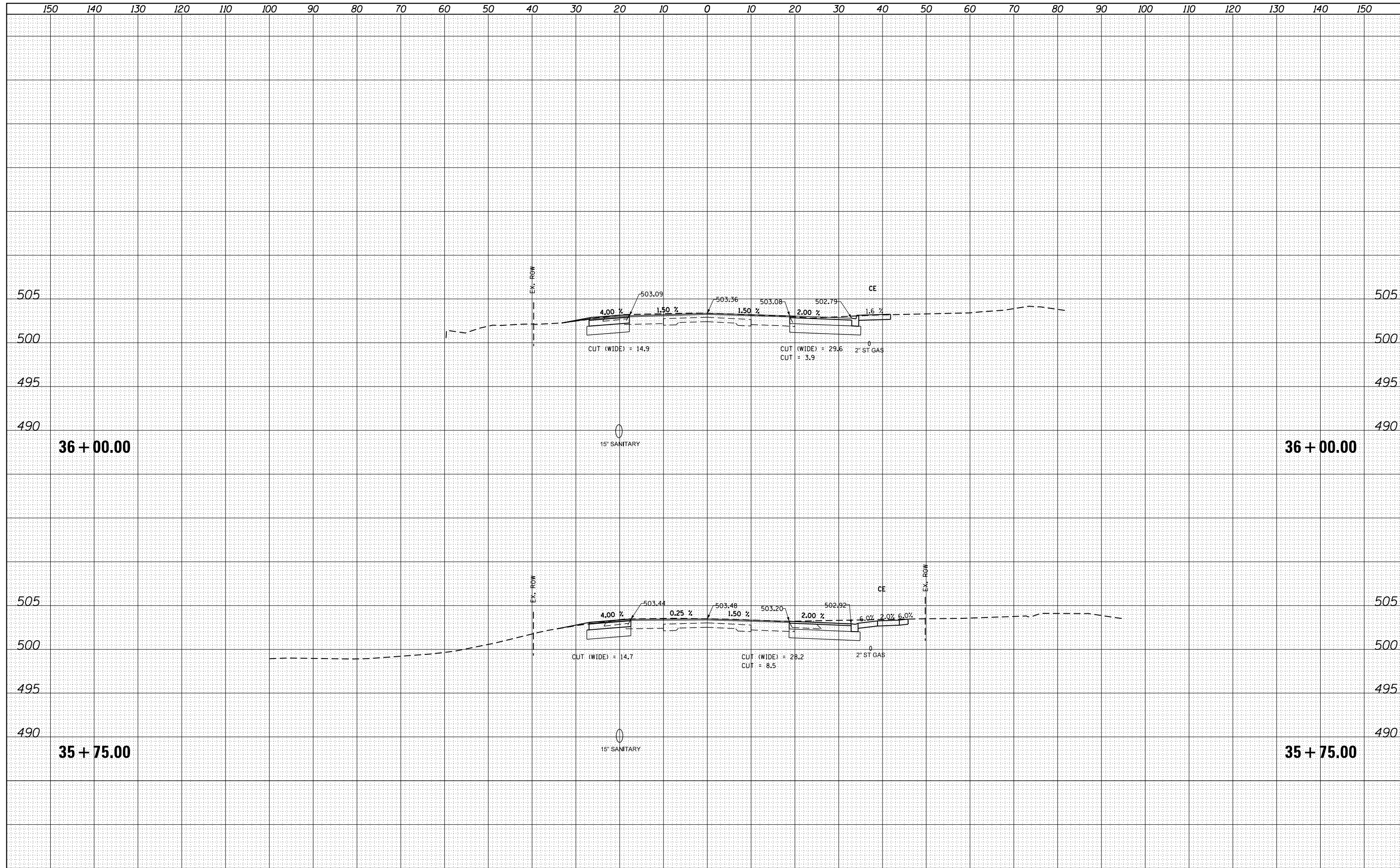
IL 8 - FARMINGTON RD CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 35+00.00 TO STA. 35+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	92
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				

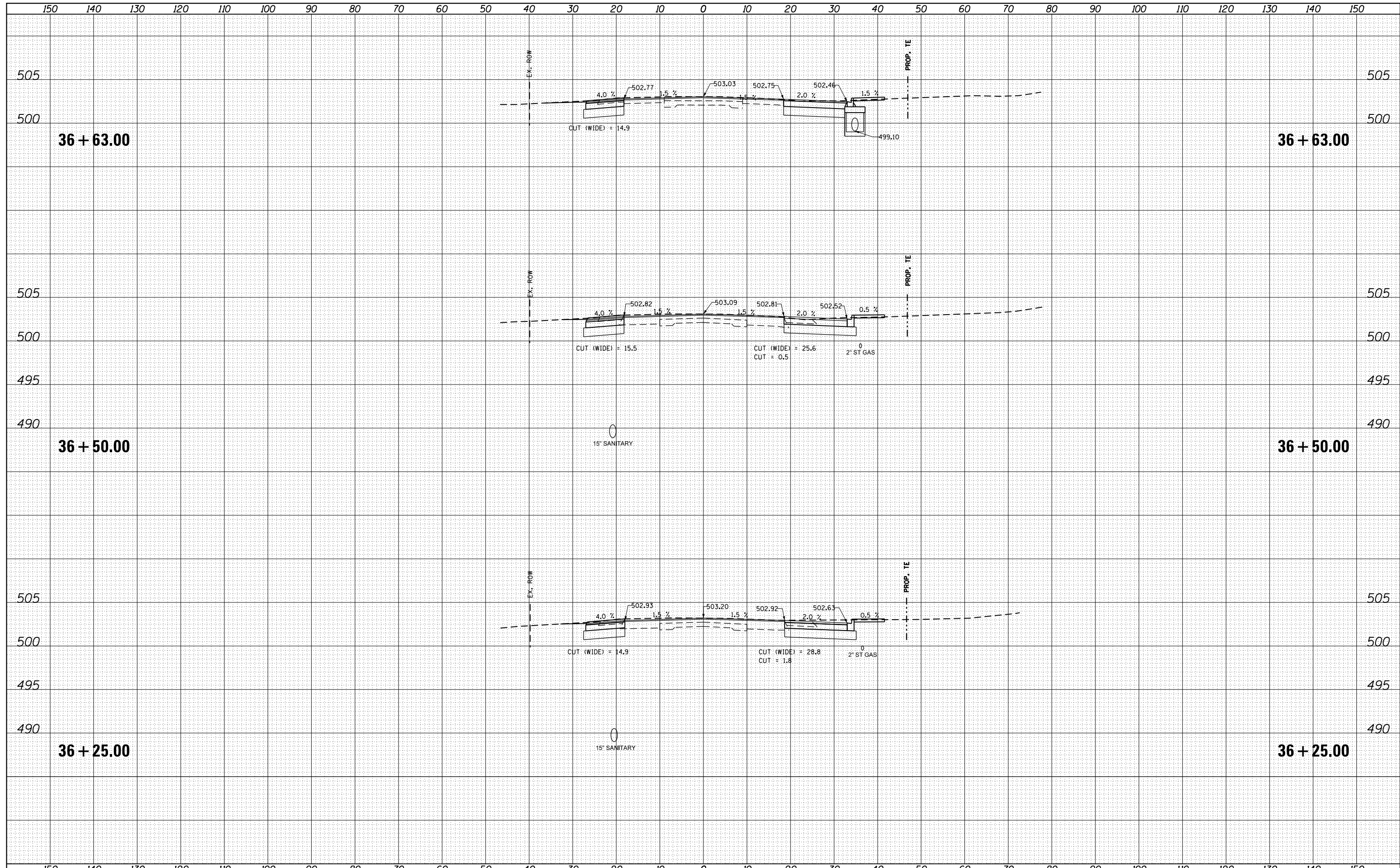
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BY	
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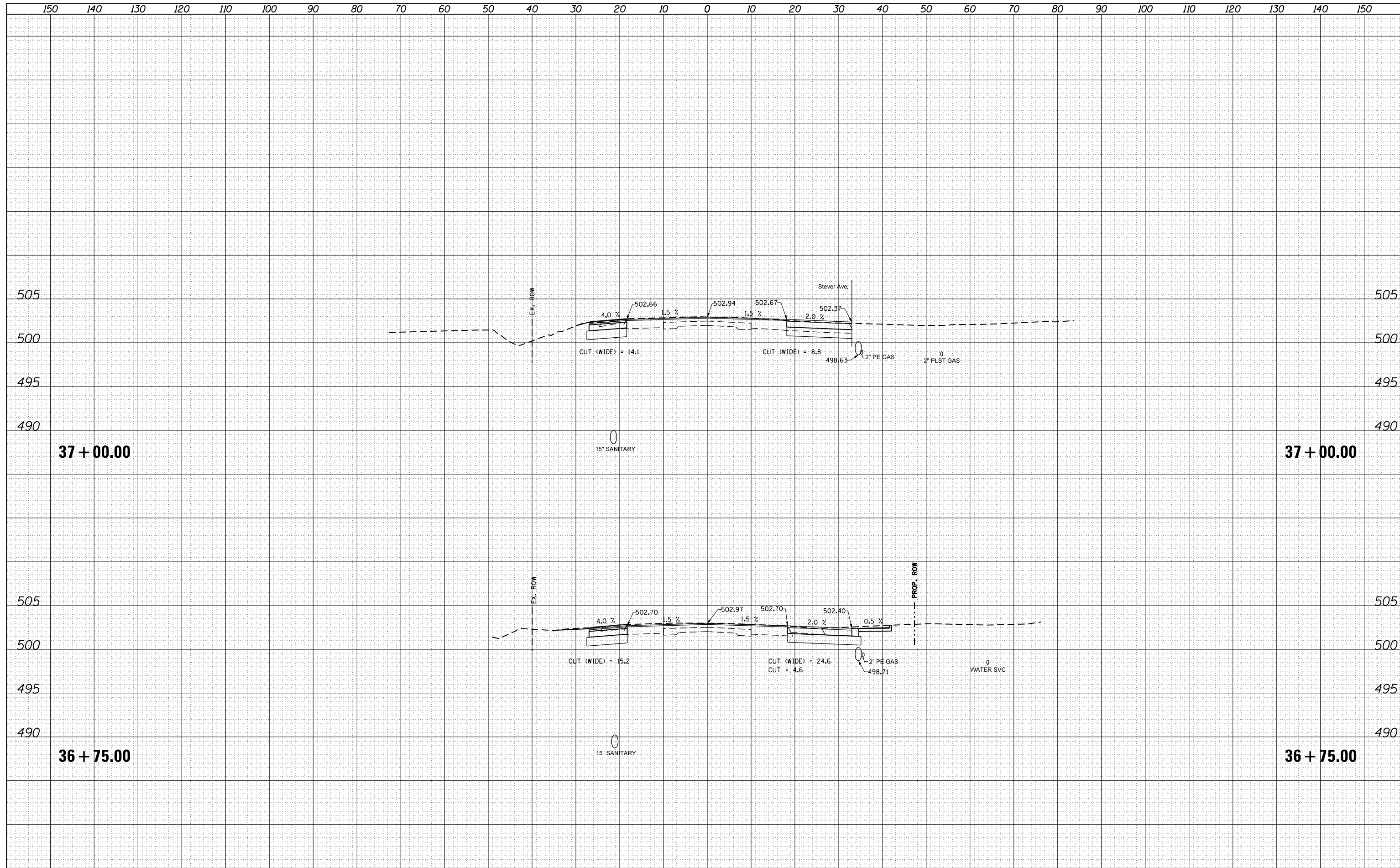
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BY	
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DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



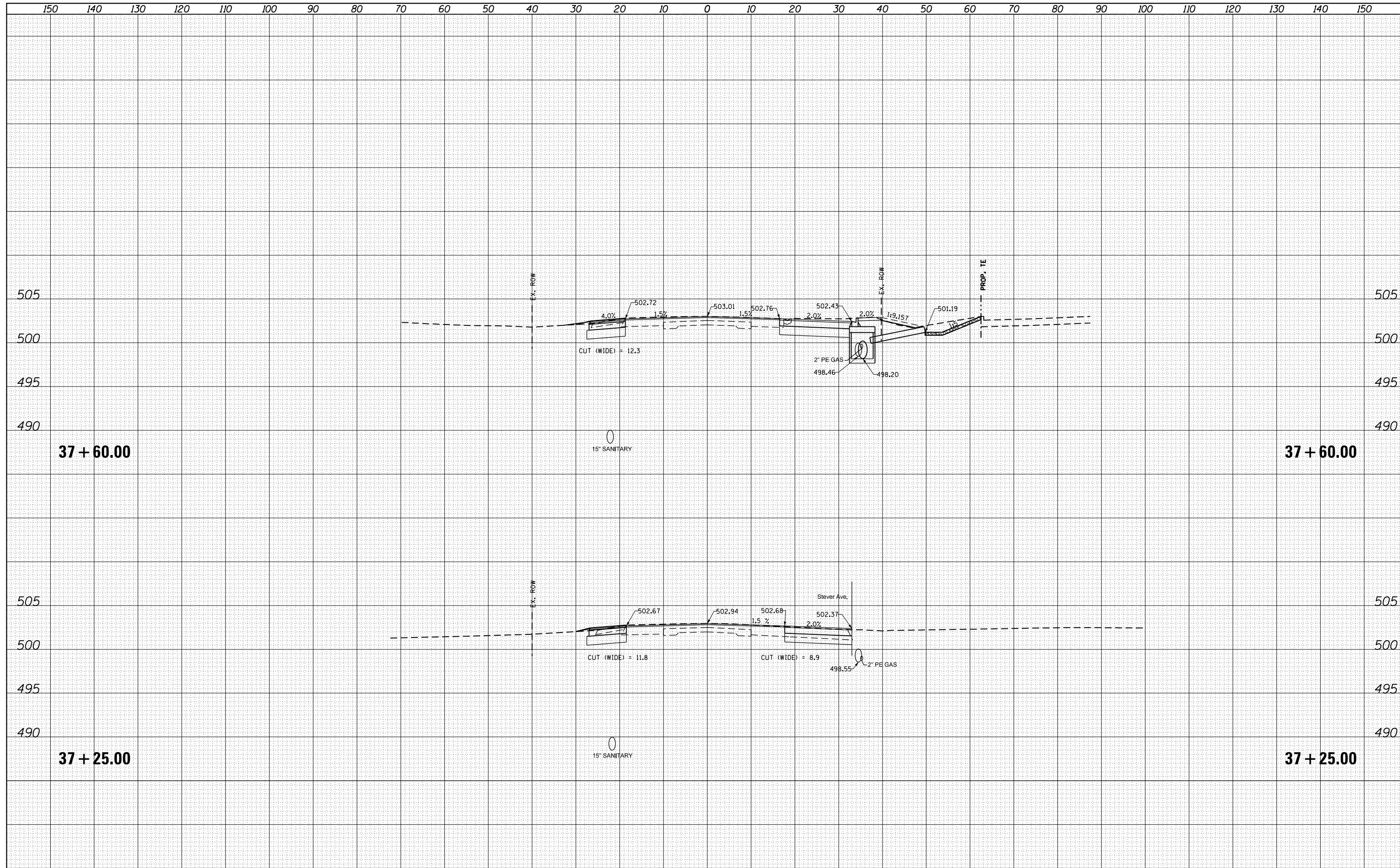
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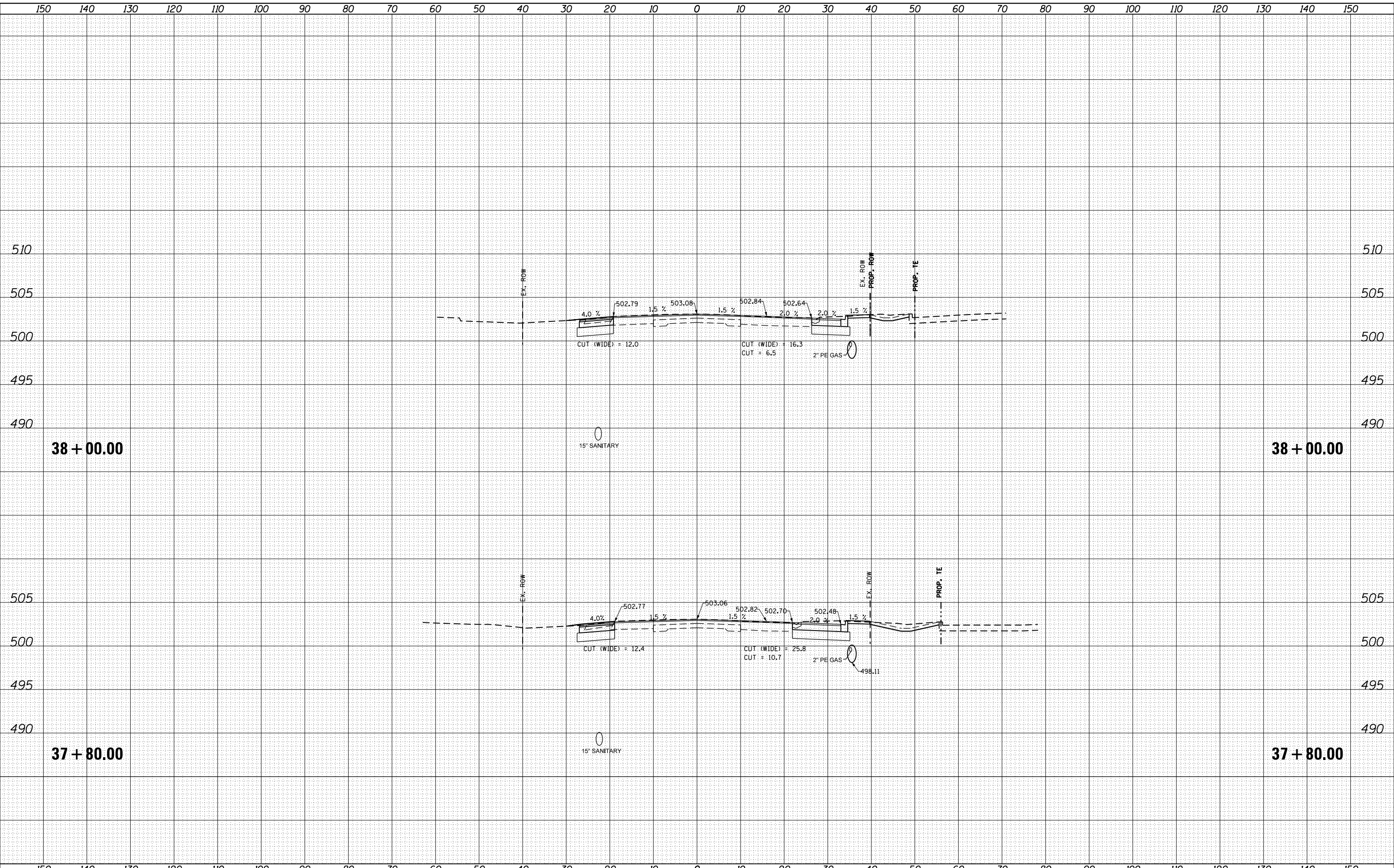
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DATE	
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NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = aubreys	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 8 - FARMINGTON RD CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISÉ -			CONTRACT NO. 68A70				
	PLOT DATE = 10/17/2013	DATE -	REVISÉ -			SCALE:	SHEET	OF	SHEETS	STA. 37+25.00

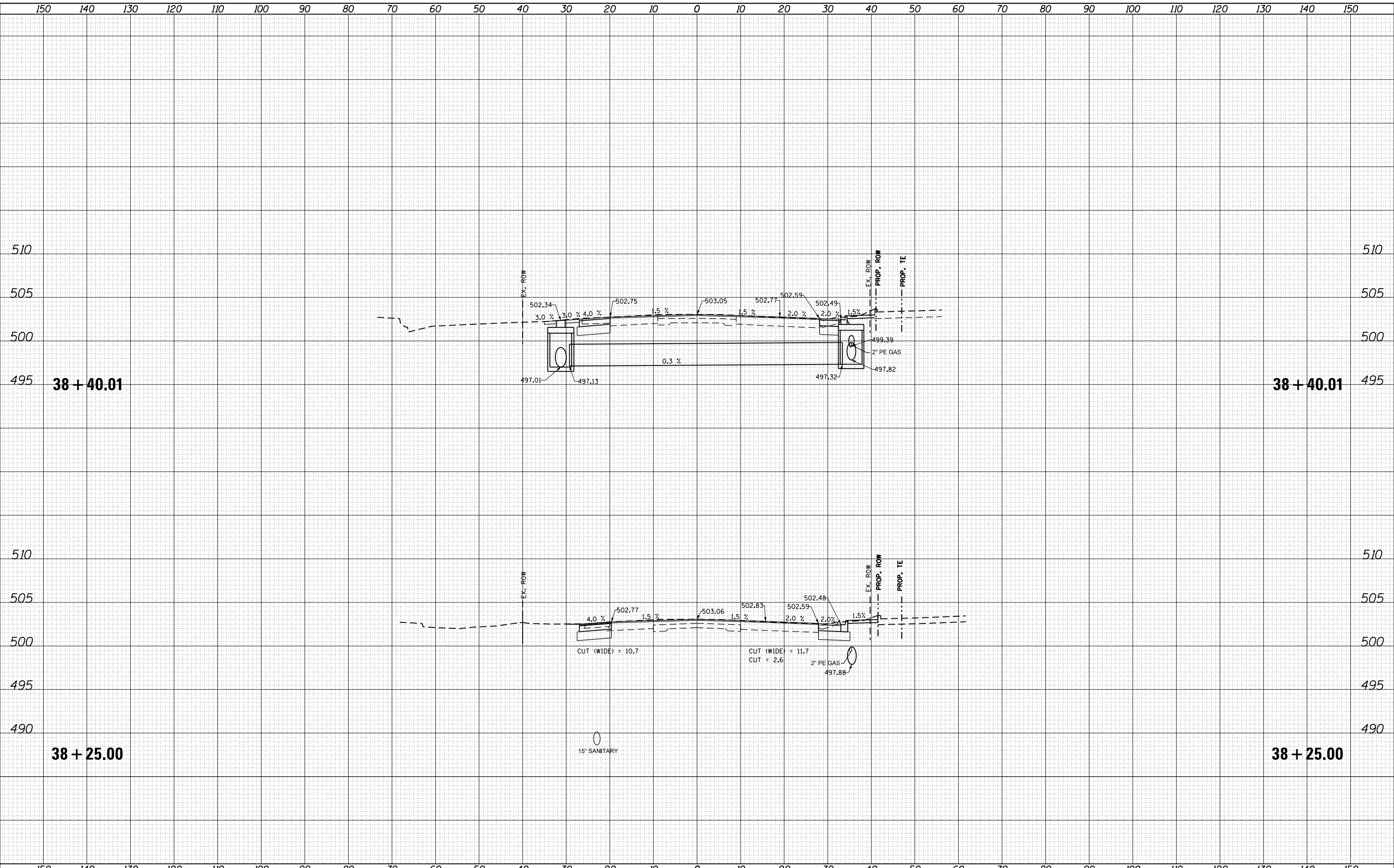
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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

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

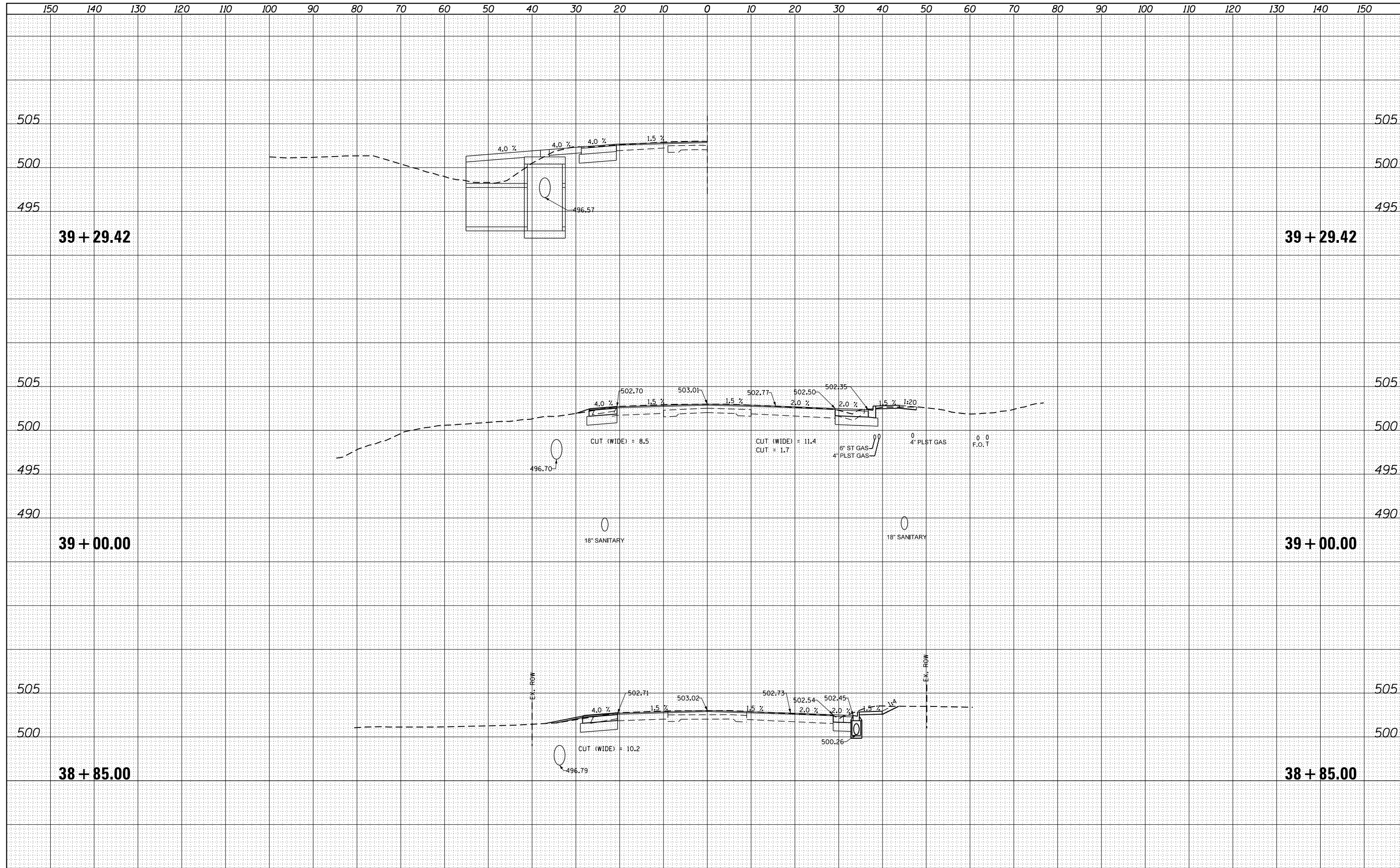
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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISÉ -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 10/17/2013	DATE -	REVISÉ -									

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

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



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Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 8 - FARMINGTON RD CROSS SECTIONS			
SCALE:	SHEET	OF	SHEETS
STA. 38+85.00		TO STA. 39+29.42	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6658	10N	PEORIA	120	100
CONTRACT NO. 68A70				
ILLINOIS FED. AID PROJECT				