

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-1)N-5,TS	PEORIA	35	1

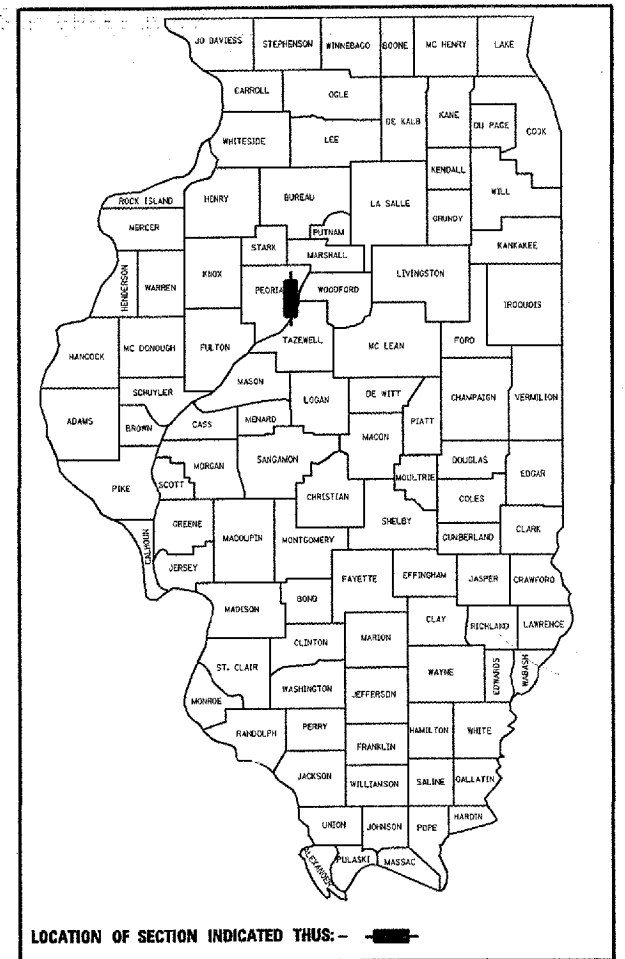
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 646 (IL40)
SECTION (103-1)N-5,TS
PROJECT HS-0646(062)
JOB NO. C-94-090-06
PEORIA COUNTY

D-94-069-06



LOCATION OF SECTION INDICATED THUS: - [thick black line] -

PROJECT ENGINEER - SEAN COYLE (309)671-3456

DESIGNER - RON NOLTE (309)671-3470

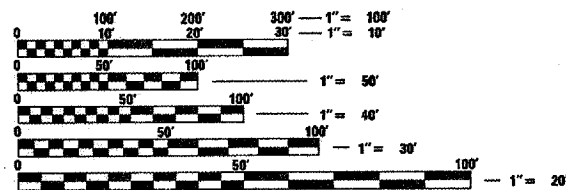
FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS

280001-02	701701-04
420001-06	702001-06
424001-04	780001-01
602001	781001-02
602401-01	814001
602701-01	857001
604001-02	873001
604066-01	877001-02
606001-02	877011-02
606301-02	878001-04
701311-02	880006
701602-02	000001-04

DESIGN DESTINATION

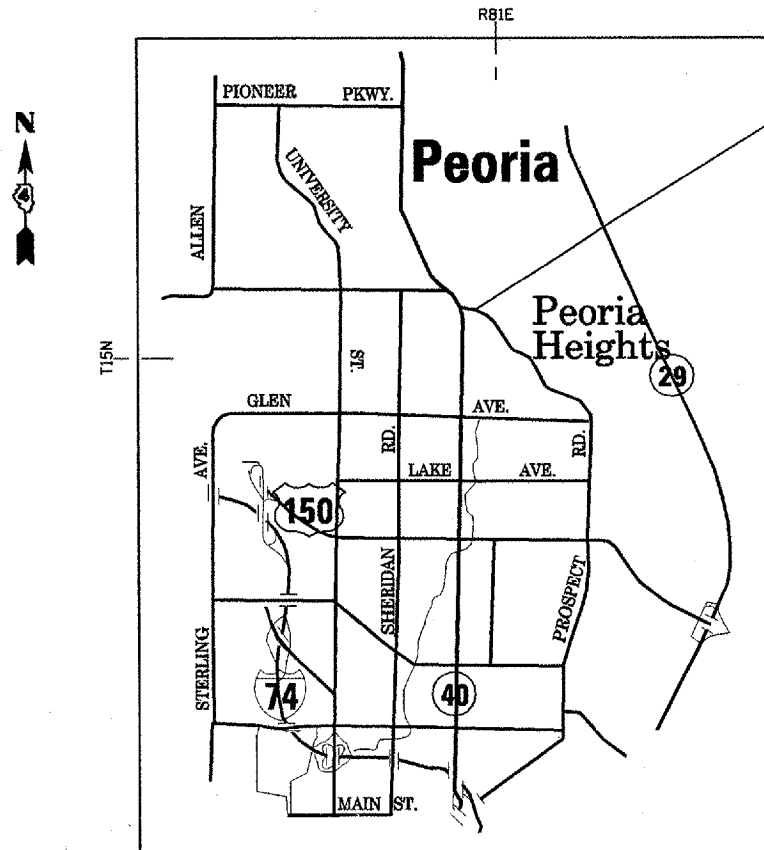
FAP ROUTE 646 (IL40)
OTHER PRINCIPLE ARTERIAL
TRUCK ROUTE CLASS II
ADT = 29,000 (2003)
SU = 650
MU = 450



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

CONTRACT NO. 68600
CATALOG NO. 033291-00D



INTERSECTION OF IL 40
(KNOXVILLE AVE.) & PROSPECT AVE.

DESCRIPTION OF WORK:

THIS PROJECT CONSISTS OF VARIOUS SAFETY IMPROVEMENTS AT THE INTERSECTION OF IL 40 (KNOXVILLE AVENUE) AT PROSPECT AVENUE INCLUDING IMPROVED ANGLE OF INTERSECTION, MEDIAN REPLACEMENT, SIGNAL MODERNIZATION, DRAINAGE IMPROVEMENTS AND OTHER VARIOUS MEASURES DESIGNED TO IMPROVE PEDESTRIAN SAFETY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 3/30/06

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12, 2006
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2006
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-LIN-5,TS	PEORIA		2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, COMMITMENTS, JOB & GENERAL NOTES, STATUS OF UTILITIES
- 3-7 SUMMARY OF QUANTITIES
- 8-11 SCHEDULE OF QUANTITIES
- 12 REMOVAL ITEMS
- 13 PROPOSED IMPROVEMENT/EXISTING UTILITIES
- 14 PROPOSED DRAINAGE
- 15-16 PROPOSED GEOMETRICS
- 17 PROPOSED PAVEMENT MARKINGS
- 18-19 EXISTING TRAFFIC SIGNALS
- 12-23 PROPOSED TRAFFIC SIGNALS
- 24-35 DISTRICT CADD STANDARDS

STATUS OF UTILITIES

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
<i>Illinois American Water</i>					
IL 40	60' Lt. to 125' Lt.	137+00 to 139+30	Water Main	Curb and Gutter	Caution
<i>AmerenCILCO (Gas)</i>					
IL 40	68' Lt. to 200' Lt.	137+00 to 139+63	Gas Main	Sidewalk	Caution
<i>McLeod USA</i>					
IL 40	142' Lt. to 146' Lt.	139+00 to 140+00	Fiber Optic	Curb & Gutter/Median	Caution
<i>AT&T</i>					
IL 40	115' Lt. to 200' Lt.	138+90 to 139+65	Buried Telephone	Sidewalk	Caution
IL 40	112' Lt. to 97' Lt.	138+90 to 19+65	Buried Telephone	Curb & Gutter/Median	

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MicroStation 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 sole 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.

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.

FINAL FINISH ON P.C. CONCRETE PAVEMENT, TYPE B

A Type "B" final finish, obtained in accordance with Article 420.11 (e)(2) of the Standard Specifications, shall be provided for the Portland Cement Concrete Pavement.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

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.

MEDIAN AND ISLAND NOSES

When constructing median and island noses the following criteria should be followed:

- p Barrier curb shall be used to construct noses when the median or island surrounds a mast arm or other non-breakaway foundation.
- p Ramped noses shall be used on medians or islands with breakaway posts.

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.

JOB SPECIFIC NOTES

EXISTING TOPOGRAPHY AND FEATURES WERE DERIVED FROM OLD PLANS AND FIELD INVESTIGATIONS. THERE WAS NO SURVEY FOR THIS CONTRACT. SPECIAL ATTENTION SHOULD BE GIVEN TO THE REMOVAL OF THE EXISTING MEDIAN AS THE EXISTING EDGE OF PAVEMENT (EDGE OF EXISTING 6" PAN) ON THE NORTH SIDE SHALL BECOME THE BASELINE FOR THE LAYOUT OF THE PROPOSED MEDIAN AND PROPOSED EDGE OF PAVEMENT ALONG PROSPECT AVENUE. SEE GOMETRICS SHEETS FOR MORE DETAIL.

THE IDOT TRAFFIC BUILDING LOCATED AT 5826 NORTH KNOXVILLE AVENUE, SHALL BE USED AS A FIELD OFFICE. PLEASE CONTACT MR. SHANE LARSON AT 671-4460 AS EARLY AS POSSIBLE TO SET UP ARRANGEMENTS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	INDEX OF SHEETS, COMMITMENTS, JOB & GENERAL NOTES, STATUS OF UTILITES	
		SCALE: VERT. DRAWN BY HORIZ. CHECKED BY DATE	

SUMMARY OF QUANTITIES *J000-1A*

F. A. P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-11N-5, TS	PEORIA		3
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ALMOST	FED. AID PROJECT	

SFTY-1B

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT		FED - STATE 90 - 10	FED-STE-CTY 90-6-7-3-3 Y031-IF	CITY 100 Y030-1E	FED-STE-CTY 90-5-5
28000510	INLET FILTERS	EACH	1	1			
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	428	428			
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	65	65			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1723.5				17 23.5
42400800	DETECTABLE WARNINGS	SQ FT	24	24			
44000100	PAVEMENT REMOVAL	SQ YD	284	284			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	550	550			
44002500	GUTTER OUTLET REMOVAL	EACH	1	1			
44002800	ISLAND PAVEMENT REMOVAL	SQ YD	65	65			
44003100	MEDIAN REMOVAL	SQ FT	864	864			
54215967	REINFORCED CONCRETE PIPE ELBOW 12"	EACH	1	1			
54248515	CONCRETE COLLAR	EACH	2	2			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	16	16			
60201305	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 15 FRAME AND LID	EACH	1	1			
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60241800	INLETS, TYPE G-1	EACH	1	1			
60500040	REMOVING MANHOLES	EACH	1	1			
60500050	REMOVING CATCH BASINS	EACH	1	1			
60500060	REMOVING INLETS	EACH	2	2			

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO
646 (103-1)N-5,TS	PEORIA		4
STA. TO STA.		FED. AID PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		FED - STATE 90 - 10 1000-1A	FED-STE-CTY 90-6.7-3.3 Y031-1F	CITY 100 Y030-1E	FED-STE-CTY 90-5-5 SFTY-1B
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3.1	3.1			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	301	301			
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	1775	1775			
67100100	MOBILIZATION	L SUM	1	1			
70102632	TRAFFIC CONTROL & PROTECTION, STANDARD 701602	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20			
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	59	59			
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1392	1392			
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	72	72			
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	87	87			
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	152	152			
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	32	32			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2	2			
78200300	PRISMATIC CURB REFLECTOR	EACH	12	12			
78300105	PAVEMENT MARKING REMOVAL	FOOT	365	365			
80600400	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	2			2	
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	166			166	

SUMMARY OF QUANTITIES

F. A. P. NO.	SECTION	COUNTY	SITE SHEETS	SHEET NO.
646	1103-1N-5,TS	PEORIA		5
STA.	TO STA.			
FED. ROAD DIST. NO. &	LINE NO.	FED. AID PROJECT		

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT		FED - STATE 90 - 10 J000-1A	FED-STE-CTY 90-6.7-3.3 Y031-1F	CITY 100 Y030-1E	FED-STE-CTY 90-5-5 SFTY-1B
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	37		37		
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	20		20		
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	135		135		
81021360	CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	110		110		
81400400	CONCRETE HANDHOLE	EACH	1		1		
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	223		223		
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	796			796	
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2			2	
83054140	LIGHT POLE, STEEL GALVANIZED, TRANSFORMER BASE, 45 FT. M.H., 12 FT.	EACH	1		1		
83600100	LIGHT POLE FOUNDATION	EACH	1		1		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	474		474		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1647		1647		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	290		290		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1		1		

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

P.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-DN-5,TS)	PEORIA		6
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO.	ITEM				FED - STATE 90 - 10 J000-1A	FED-STE-CTY 90-6.7-3.3 Y031-1F	CITY 100 Y030-1E	FED-STE-CTY 90-5-5 SFTY - 1B
87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 15 FT		EACH	1		1		
87700320	STEEL MAST ARM ASSEMBLY AND POLE, '55 FT.		EACH	1		1		
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50FT.		EACH	1		1		
87800100	CONCRETE FOUNDATION, TYPE A		FOOT	3		3		
87800415	CONCRETE FOUNDATION, TYPE E, 36" DIAMETER		FOOT	30		30		
87900200	DRILL EXISTING HANDHOLE		EACH	6		6		
88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC		EACH	5		5		
88500100	INDUCTIVE LOOP DETECTOR		EACH	5		5		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT		EACH	1		1		
89502380	REMOVE EXISTING HANDHOLE		EACH	2		2		
89502385	REMOVE EXISTING CONCRETE FOUNDATION		EACH	2		2		
X0325364	REMOVE AND REINSTALL INLETS, TYPE G-1, SPECIAL		EACH	1	1			
X0323372	VIDEO VEHICLE DETECTION, 2 CAMERAS		EACH	1		1		
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING		EACH	1		1		
X7015000	CHANGEABLE MESSAGE SIGN		CAL MO	1	1			
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 IC		FOOT	578		578		
X8800020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED		EACH	4		4		

SUMMARY OF QUANTITIES

F. A. P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-11N-5,TS	PEORIA		7
STA.	TO STA.			
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		FED - STATE 90 - 10 J000 - 1A	FED-STE-CTY 90-6.7-3.3 Y031-1F	CITY 100 Y030-1E	FED-STE-CTY 90-5-5 SFTY-1B
X8800035	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5		5		
X8800037	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1		1		
X8800038	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1		1		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-UN-5,TS	PEORIA		1
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

28000510 - INLET FILTERS	
LOCATION	EACH
KNOXVILLE AVE. - IL 40 LT. STA. 138+07	1
TOTAL	1

54215967 - REINFORCED CONCRETE PIPE ELBOW 12"	
LOCATION	EACH
PROSPECT RD. LT. STA. 0+60	1
TOTAL	1

54248515 - CONCRETE COLLAR	
LOCATION	EACH
KNOXVILLE - IL 40 LT. STA. 138+07	1
PROSPECT RD. RT. STA. 0+80	1
TOTAL	2

550A0050 - STORM SEWERS, CLASS A, TYPE 1 12"	
LOCATION	FOOT
KNOXVILLE- IL 40 LT. STA. 138+05 TO 138+07	6.3
PROSPECT RD. LT. STA. 0+60	10
TOTAL	16

60201305 - CATCH BASINS, TYPE A, 4'-DIA, TYPE 15 FRAME AND LID	
LOCATION	EACH
PROSPECT RD. STA. 0+80	1
TOTAL	1

60218400 - MANHOLES, TYPE A, 4'-DIA, TYPE 1 FRAME, CLOSE LID	
LOCATION	EACH
PROSPECT RD. STA. 0+60	1
TOTAL	1

60241800 - INLETS, TYPE G-1	
LOCATION	EACH
KNOXVILLE- IL 40 LT. STA. 138+07	1
TOTAL	1

#4001702 - REMOVE AND REINSTALL INLETS, TYPE G-1, SPECIAL	
LOCATION	EACH
PROSPECT RD. STA. 2+31.5	1
TOTAL	1

X0323426 - SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	
LOCATION	EACH
KNOXVILLE AVE. - IL 40 LT. STA. 138+07	1
TOTAL	1

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 PLOT SCALE = 483600 / IN.
 USER NAME = gnostrum

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-1)N-5,TS	PEORIA		10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

78001100 - PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	
LOCATION	SQ. FT.
PROSPECT	
2 RT. TURN ARROWS	17.6
2 LT. TURN ARROWS	17.6
2 "ONLY" (SMALL SIZE USED)	23.6
TOTAL	59

78001140 - PAINT PAVEMENT MARKING - LINE 8"	
LOCATION	FOOT
PROSPECT	
LANE DIVIDER	86.89
TOTAL	87

78100100 - RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
PROSPECT	2
TOTAL	2

78001110 - PAINT PAVEMENT MARKING - LINE 4"	
LOCATION	FOOT
PROSPECT	
WHITE SKIP DASH	44.84
WHITE SOLID E.O.P.	357.63
YELLOW SOLID (MEDIAN)	321.98
DOUBLE YELLOW (MEDIAN)	668.00
TOTAL	1392

78001150 - PAINT PAVEMENT MARKING - LINE 12"	
LOCATION	FOOT
PROSPECT	
CROSSWALK BARS	102.00
MEDIAN CHEVERONS	50.00
TOTAL	152

78200300 - PRISMATIC CURB REFLECTOR	
LOCATION	EACH
PROSPECT	12
TOTAL	12

78001130 - PAINT PAVEMENT MARKING - LINE 6"	
LOCATION	FOOT
PROSPECT	
2 - CROSSWALK	72.3
TOTAL	72

78001180 - PAINT PAVEMENT MARKING - LINE 24"	
LOCATION	FOOT
PROSPECT	
2 - STOP BARS	31.9
TOTAL	32

PLOT DATE = 3/21/2005
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 PLOT SCALE = 48.0000 / 1 IN.
 USER NAME = ghadaman

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-1)N-5,TS	PEORIA		11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

67100100 - MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

70103815 - TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
JOBSITE	
TOTAL	0

70102632 - TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

X7015000 - CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
JOBSITE	
TOTAL	0

70102635 - TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

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 USER NAME = gtdrnsen

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT.
 DATE: HORIZ.

DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-UN-5.TS	PEORIA		13
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

P.C.C. BASE COURSE 10" = 18.6 SQ. YD.
 SUB-BASE GRAN. MATL, TYP A 4" = 18.6 SQ. YD.
 (TIE BARS INCLUDED, SEE NOTE)
 PAVEMENT REMOVAL = 18.6 SQ. YD.
 SEE NOTE, PARAGRAPH 3.

P.C.C. BASE COURSE 10" = 46.6 SQ. YD.
 SUB-BASE GRAN. MATL, TYP A 4" = 46.6 SQ. YD.
 (TIE BARS INCLUDED, SEE NOTE)

LT. STA. 137+36.8 (IL 40) TO LT. STA. 2+01.1 (PROSPECT)
 COMB. CONC. CURB AND GUTTER, TYPE B-6.24 = 301.1'
 (NOT INCLUDING AREA OF G-1 INLET)
 SUB-BASE GRANULAR MATERIAL, TYPE A 4" = 86.4 SQ. YD.

LT. STA. 137+66 TO 138+88.4
 PORTLAND CEMENT CONCRETE SIDEWALK 4" = 612.5 S.F.
 (THIS SHALL INCLUDE LABOR & MATERIALS REQUIRED TO
 CONSTRUCT THE A.D.A. RAMPS)

LT. STA. 0+50 TO 2+00
 PORTLAND CEMENT CONCRETE
 SIDEWALK 4" = 823.5 S.F.
 (THIS SHALL INCLUDE LABOR &
 MATERIALS REQUIRED TO CONSTRUCT
 THE A.D.A. RAMPS)

NOTE
 TIE BARS SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF PCC BASE COURSE 10" AND CONC. MEDIAN TYPE SM-6.24. ALL LABOR AND MATERIALS TO INSTALL TIE BARS SHALL ALSO BE INCLUDED IN THE COST OF THE ABOVE MENTIONED ITEMS. TIE BARS SHALL BE NO.6 AT 24" CENTERS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

ALIGNMENT INFORMATION IS GIVEN FOR QUANTITY LOCATIONS AND SHOULD NOT BE USED FOR LAYOUT DUE TO LACK OF SURVEY AND TIES. LAYOUT SHOULD BE MEASURED FROM EXISTING FEATURES AS SHOWN ON GEOMETRICS SHEETS.

FOR STAGING PURPOSES, A QUANTITY OF P.C.C. BASE COURSE 10" & SUB-BASE WAS GIVEN FOR THE ENTIRE AREA OF ISLAND REMOVAL. LATER A PORTION OF THIS, AS SHOWN, SHALL BE REMOVED FOR CONSTRUCTION OF NORTH RADIUS.

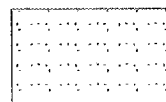
LT. STA. 0+71.2 TO 02+45.8
 CONCRETE MEDIAN, TYPE SM-6.24 = 1775 SQ. FT.
 TIE BARS INCLUDED, SEE NOTE
 SEE SPECIAL PROVISION
 SUB-BASE GRANULAR MATERIAL, TYPE A 4" = 276.5 SQ. YD.

STA. 139+00 (IL 40, KNOXVILLE AVE)=
 STA. 0+06± (PROSPECT RD)

LEGEND



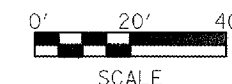
CLASS 2A SEEDING, SEE SPECIAL PROVISION
 AREA TO BE SEEDED = 9033.9 SQ. FT.
 9033.9 SQ. FT./43560 ACRE/SQ. FT. = 0.21 ACRE



EMBANKMENT, OF WHICH TOP 4" MUST BE TOPSOIL.
 THE COST FOR THIS MATERIAL SHALL BE CONSIDERED
 INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL
 AREA= 1833.5 SQ. FT.

SEE GEOMETRICS SHEET
 FOR MEDIAN DETAILS

RT. STA. 2+00 TO 2+45
 PORTLAND CEMENT CONCRETE
 SIDEWALK 4" = 287.5 S.F.
 (THIS SHALL INCLUDE LABOR
 & MATERIALS REQUIRED TO
 CONSTRUCT THE A.D.A. RAMPS)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED IMPROVEMENT
 AND EXISTING UTILITIES**

SCALE: VERT.
 DATE: HORIZ.

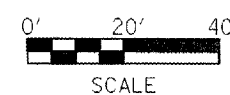
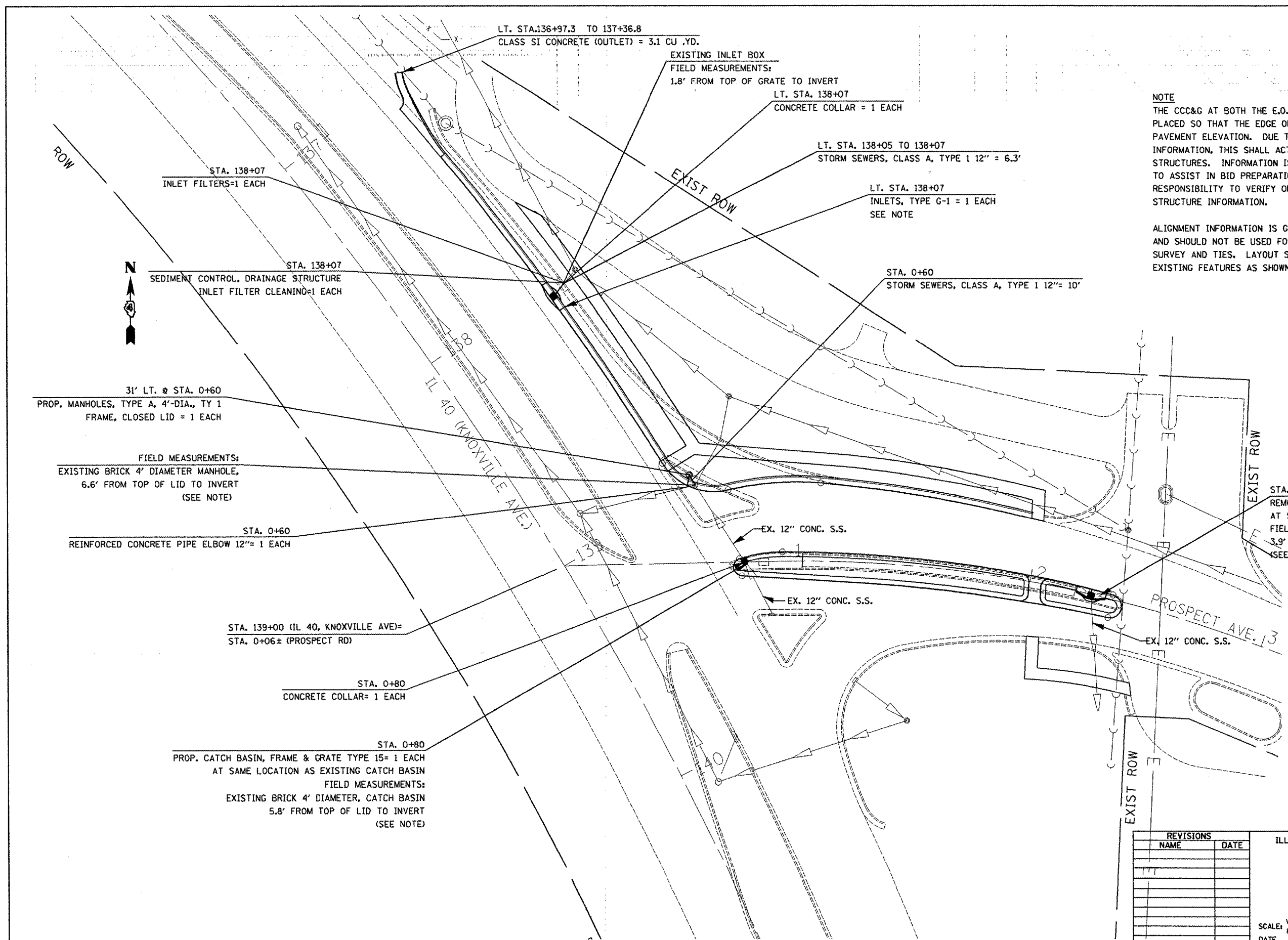
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PLT DATE = 3/31/2006
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 USER NAME = rusejlan

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1130-11N-5,TS	PEORIA		14
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

NOTE
 THE CCC&G AT BOTH THE E.O.P. AND THE MEDIAN SHALL BE PLACED SO THAT THE EDGE OF PAV MATCHES EXISTING PAVEMENT ELEVATION. DUE TO LACK OF SURVEY AND EXISTING INFORMATION, THIS SHALL ACT AS CONTROL FOR ALL DRAINAGE STRUCTURES. INFORMATION IS GIVEN FOR EXISTING STRUCTURES TO ASSIST IN BID PREPARATION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY OR ESTABLISH PROPOSED DRAINAGE STRUCTURE INFORMATION.

ALIGNMENT INFORMATION IS GIVEN FOR QUANTITY LOCATIONS AND SHOULD NOT BE USED FOR LAYOUT DUE TO LACK OF SURVEY AND TIES. LAYOUT SHOULD BE MEASURED FROM EXISTING FEATURES AS SHOWN ON GEOMETRICS SHEETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED DRAINAGE

SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/31/2006
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 USER NAME = russellm

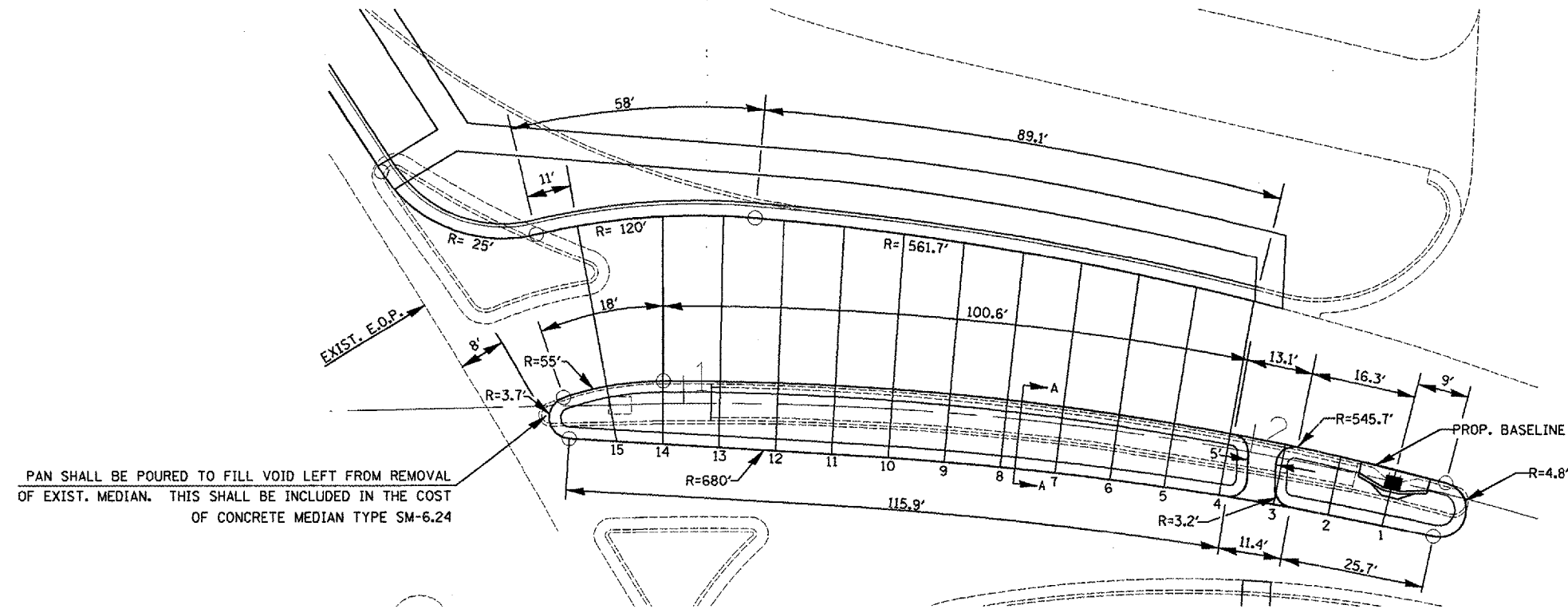
CONTRACT NO.			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
			15
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

MEDIAN DETAIL

NOT TO SCALE

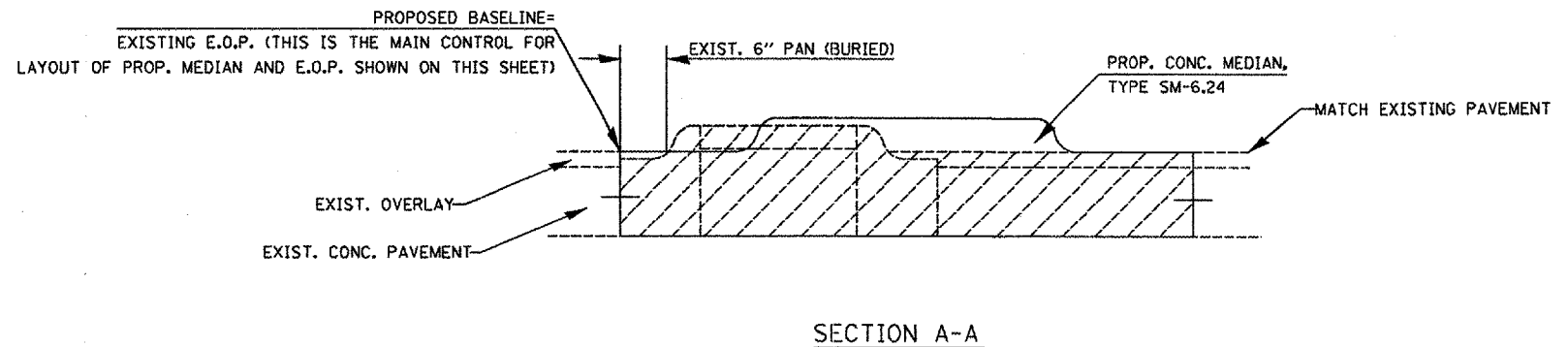
NOTES

ALIGNMENT INFORMATION IS GIVEN FOR QUANTITY LOCATIONS AND SHOULD NOT BE USED FOR LAYOUT DUE TO LACK OF SURVEY AND TIES. LAYOUT SHOULD BE MEASURED FROM EXISTING FEATURES AS SHOWN.



PAN SHALL BE POURED TO FILL VOID LEFT FROM REMOVAL OF EXIST. MEDIAN. THIS SHALL BE INCLUDED IN THE COST OF CONCRETE MEDIAN TYPE SM-6.24

CONCRETE MEDIAN			
LINE PERPENDICULAR TO BASELINE	DISTANCE ALONG BASELINE BETWEEN LINES	PROP. BASELINE TO PROP. SOUTH EDGE OF MEDIAN	PROP. BASELINE TO PROP. NORTH E.O.P.
	FEET	FEET	FEET
15	10	9.84	28.59
14	10	11.07	28.89
13	10	11.56	29.03
12	10	11.87	28.52
11	10	11.99	27.91
10	10	11.98	27.29
9	10	11.92	26.67
8	10	11.83	26.04
7	10	11.69	25.41
6	10	11.52	24.78
5	10	11.31	24.14
4	10	11.06	23.51
3	10	10.77	
2	10	10.45	
1- REFERENCE POINT (CENTER OF EX. G-1 INLET)	10	10.03	



REVISIONS	
NAME	DATE

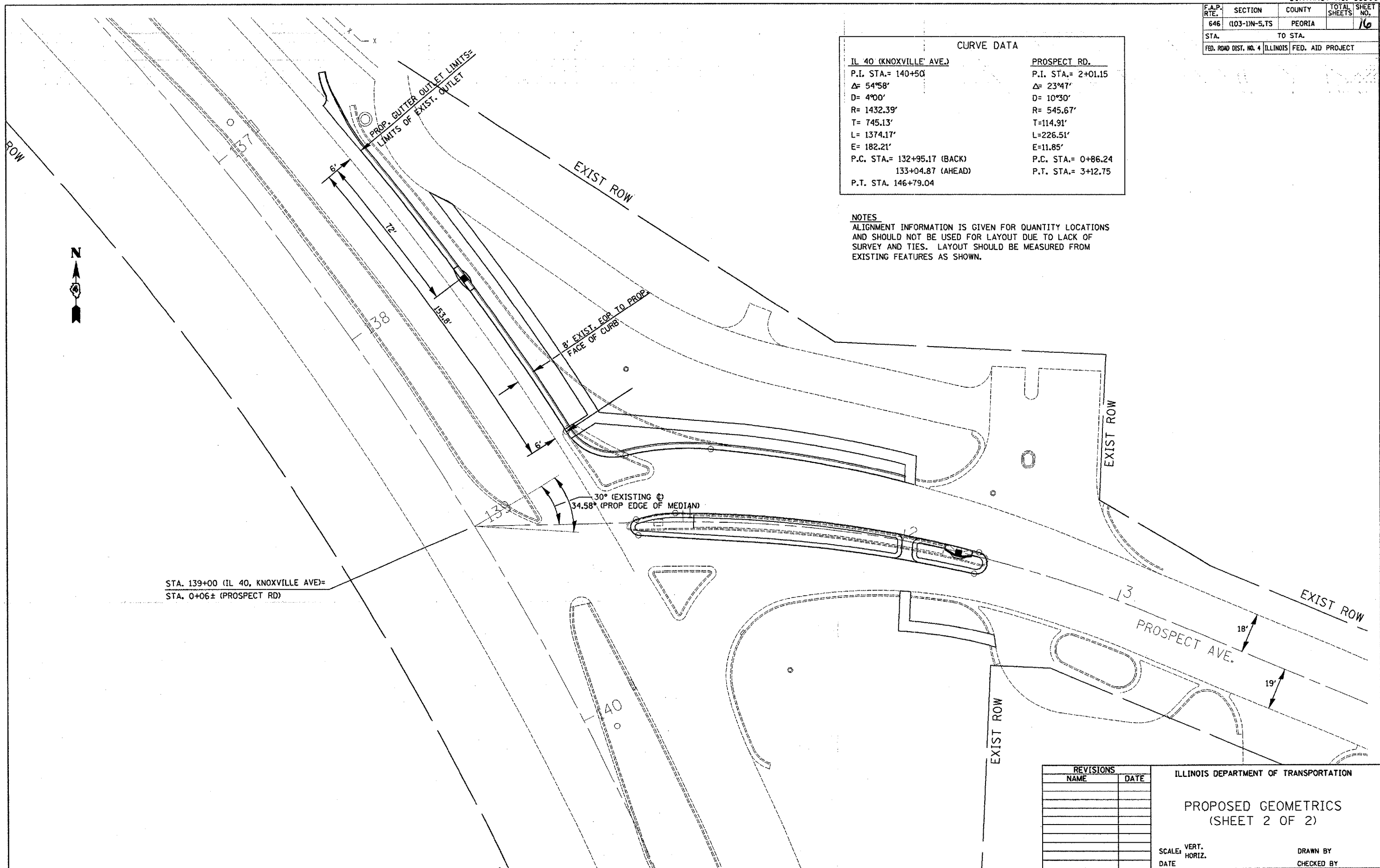
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED GEOMETRICS
 (SHEET 1 OF 2)
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/21/2006
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 USER NAME = russellm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-1)N-5,TS	PEORIA		16
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

CURVE DATA	
<u>IL 40 (KNOXVILLE AVE.)</u>	<u>PROSPECT RD.</u>
P.I. STA.= 140+50	P.I. STA.= 2+01.15
Δ= 54°58'	Δ= 23°47'
D= 4°00'	D= 10°30'
R= 1432.39'	R= 545.67'
T= 745.13'	T=114.91'
L= 1374.17'	L=226.51'
E= 182.21'	E=11.85'
P.C. STA.= 132+95.17 (BACK)	P.C. STA.= 0+86.24
133+04.87 (AHEAD)	P.T. STA.= 3+12.75
P.T. STA. 146+79.04	

NOTES
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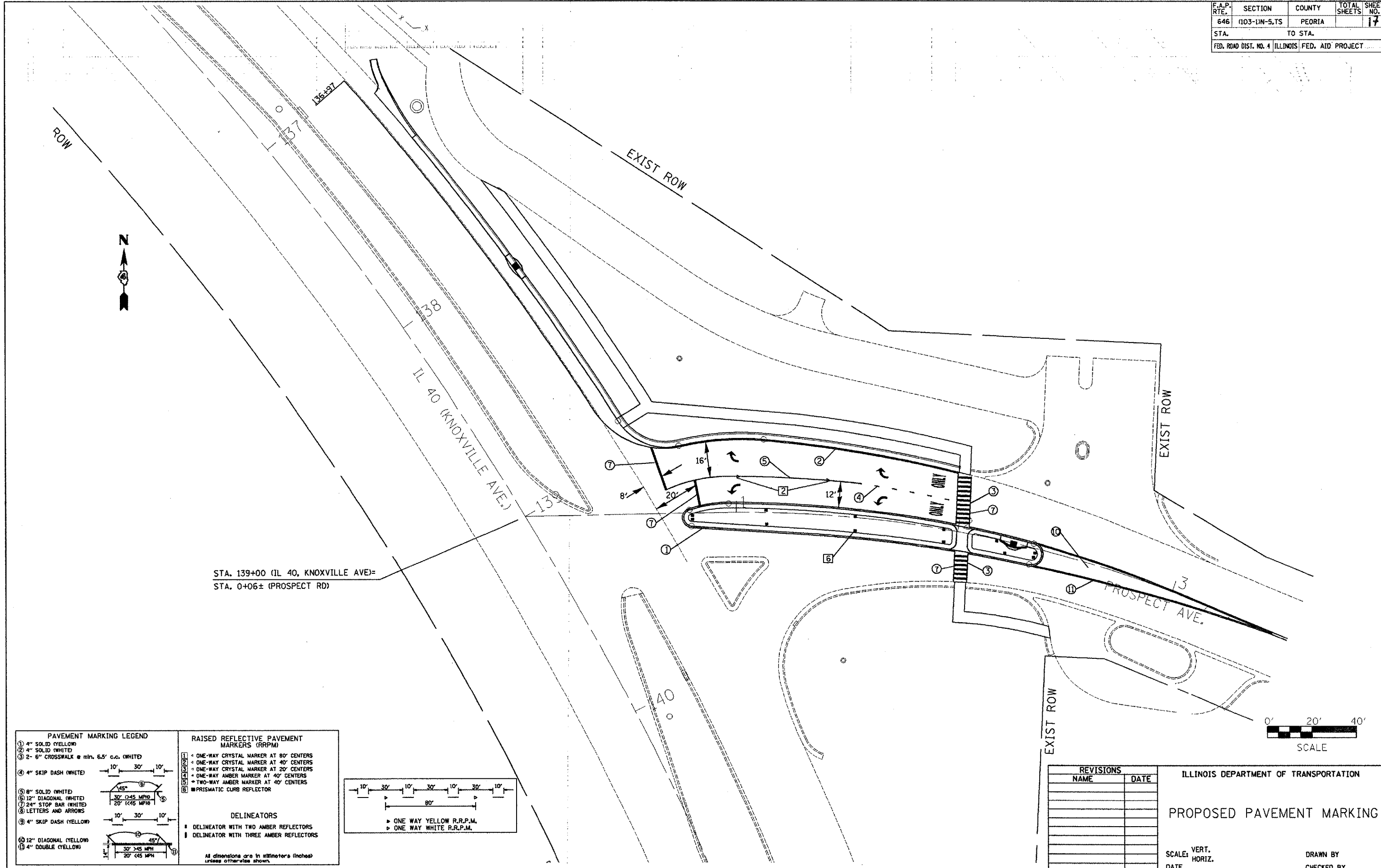
STA. 139+00 (IL 40, KNOXVILLE AVE)=
STA. 0+06± (PROSPECT RD)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED GEOMETRICS
(SHEET 2 OF 2)
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 3/21/2006
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USER NAME = russellm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-LIN-5.TS	PEORIA		17
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



STA. 139+00 (IL 40, KNOXVILLE AVE)=
STA. 0+06± (PROSPECT RD)



PAVEMENT MARKING LEGEND

① 4" SOLID YELLOW	⑥ 8" SOLID WHITE	⑩ 12" DIAGONAL (YELLOW)
② 4" SOLID WHITE	⑦ 12" DIAGONAL (WHITE)	⑪ 4" DOUBLE YELLOW
③ 2- 6" CROSSWALK @ min. 6.5' c.c. (WHITE)	⑧ 24" STOP BAR (WHITE)	
④ 4" SKIP DASH (WHITE)	⑨ 4" SKIP DASH (YELLOW)	

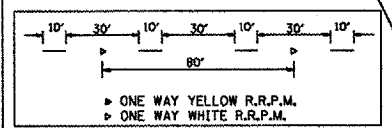
RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

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 PRISMATIC CURB REFLECTOR

DELINEATORS

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

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



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING

SCALE: VERT. _____
HORIZ. _____

DATE _____

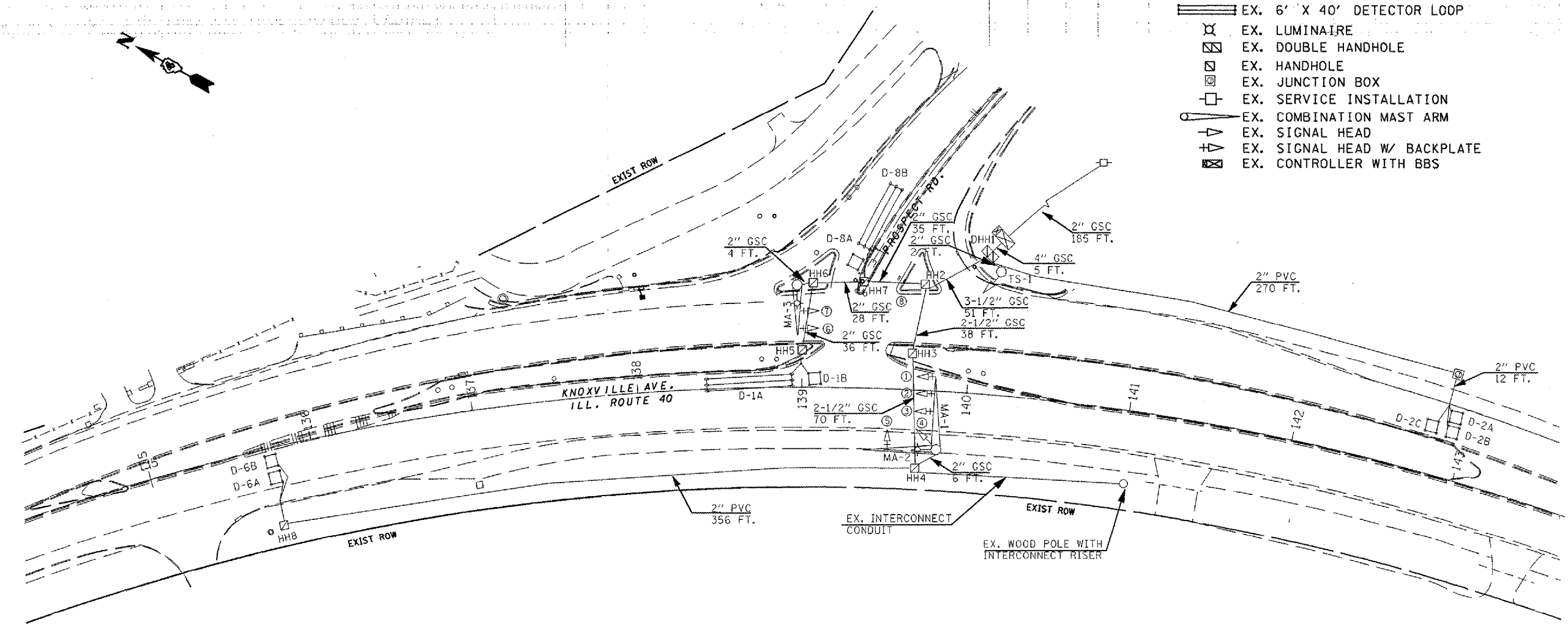
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 USER TITLE =

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(130-DN-5,TS	PEORIA		18
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
CONT. #68600				

TRAFFIC SIGNAL LEGEND

- EX. CONDUIT
- EX. 6' X 6' DETECTOR LOOP
- ▨ EX. 6' X 40' DETECTOR LOOP
- ⊗ EX. LUMINAIRE
- ⊞ EX. DOUBLE HANDHOLE
- ⊞ EX. HANDHOLE
- ⊞ EX. JUNCTION BOX
- ⊞ EX. SERVICE INSTALLATION
- ⊞ EX. COMBINATION MAST ARM
- ⊞ EX. SIGNAL HEAD
- ⊞ EX. SIGNAL HEAD W/ BACKPLATE
- ⊞ EX. CONTROLLER WITH BBS



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

REMOVE EXISTING HANDHOLE - QTY. 2 EA.
 QTY. LOCATIONS
 1.0 EA. HH-6, HH-7

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA DRIES TRAFFIC OPERATIONS CENTER, 3505 N. DRIES LANE, PEORIA, IL. CONTACT CRAIG ESPINOSA (309) 494-8893 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

QTY.	ITEM
1.0	COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRES
1.0	COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL ARMS AND LUMINAIRE
6.0	SIGNAL HEAD, 1-FACE, 3 OR 5-SECTION WITH BACKPLATE, MAST ARM MOUNTED
2.0	SIGNAL HEAD, 1-FACE, 3 OR 5-SECTION, BRACKET MOUNTED
1.0	CONTROLLER CABINET AND CONTENTS
1.0	TRAFFIC SIGNAL POST

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
ALL	ELECTRIC CABLE (NOT REQUIRED OR RE-USED FOR PROPOSED TRAFFIC SIGNALS)

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".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION







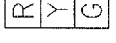





EXISTING TRAFFIC SIGNALS
 IL 40 (KNOXVILLE) & PROSPECT

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

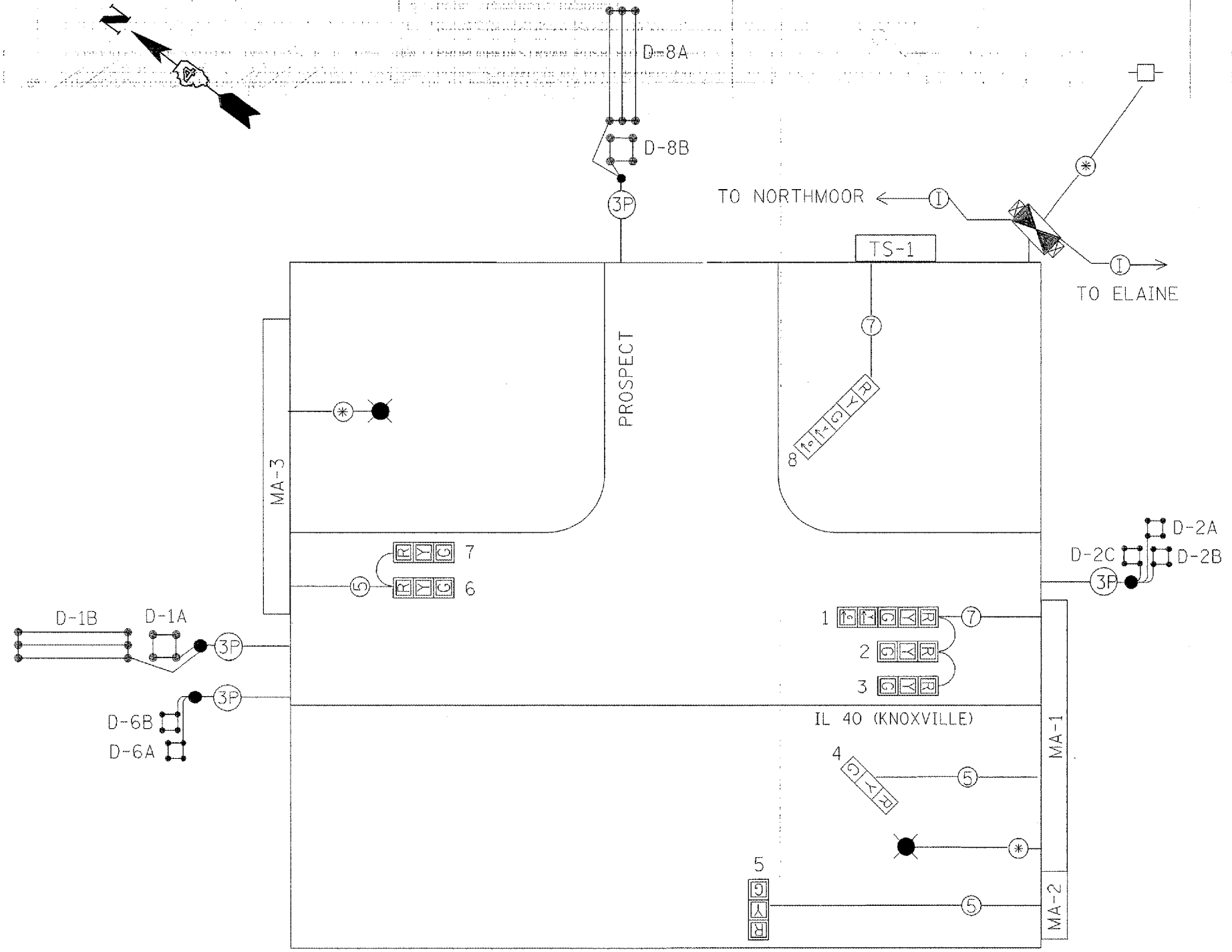
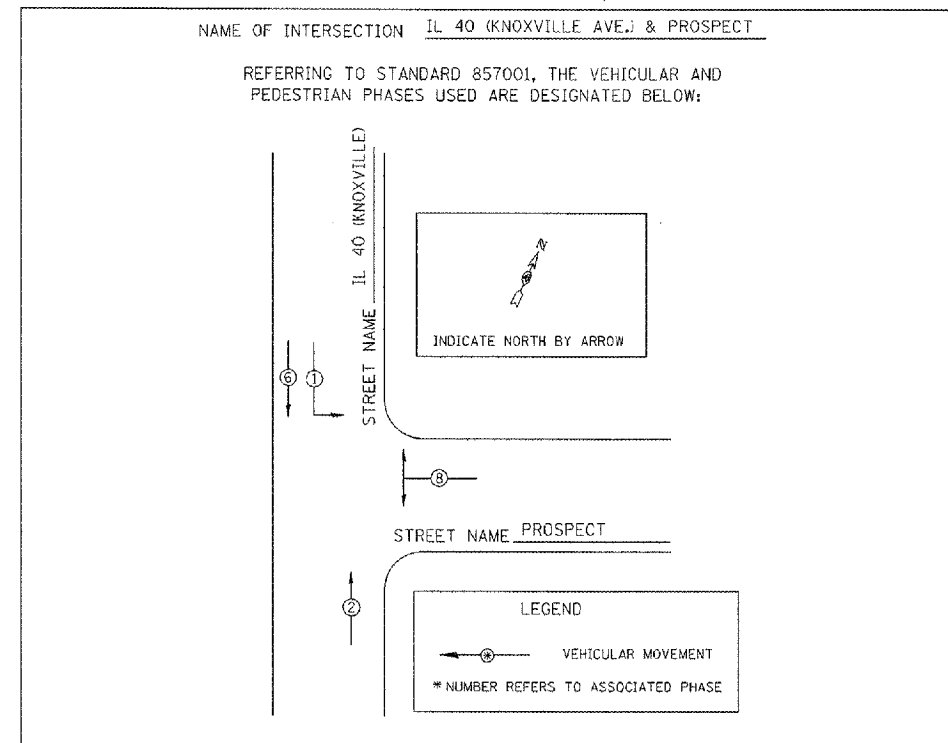
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 DGN-ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1130-1N-5,TS	PEORIA		19
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
CONT. #68600				

TRAFFIC SIGNAL LEGEND

-  EX. CONTROLLER (SIGNAL)
-  EX. LIGHTING CONTROLLER/BBS CABINET
-  EX. DETECTOR LOOP (6' X 6')
-  EX. SERVICE INSTALLATION
-  EX. QUADRAPOLE LOOP (6' X 40')
-  EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
-  EX. SIGNAL HEAD
-  EX. OVERHEAD LIGHTING LUMINAIRE
-  EX. 3 PAIR NO. 18 TW/SH CABLE
-  EX. NO. 14 SIGNAL CABLE, 5C/7C AS NOTED
-  EX. SERVICE CABLE
-  EX. INTERCONNECT CABLE (#19, 12 PR.)

EXISTING PHASE DESIGNATION DIAGRAM



\$\$\$DATE\$\$\$
DGN-ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING CABLE AND PHASE DIAGRAMS

IL 40 (KNOXVILLE) & PROSPECT

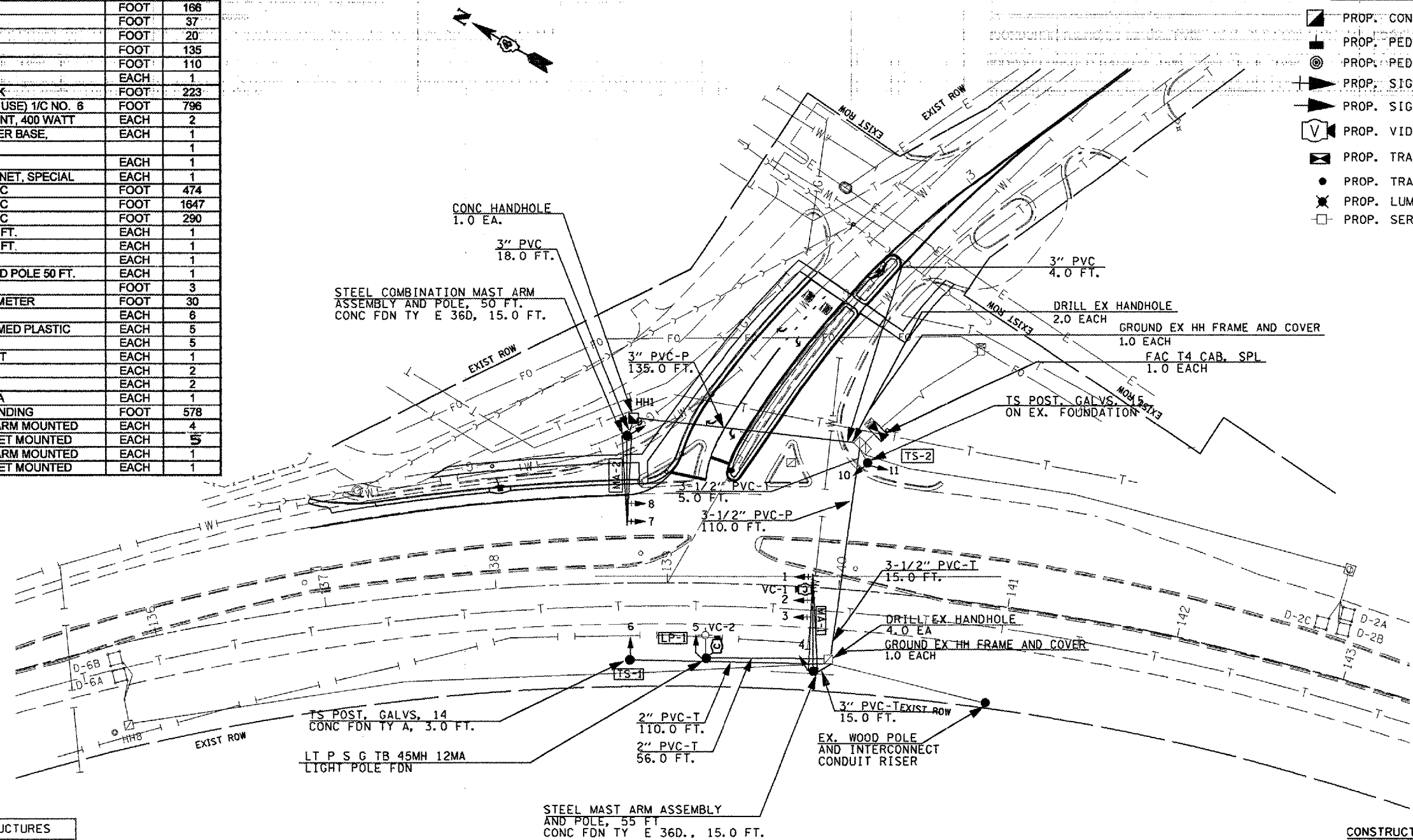
SCALE: VERT. DRAWN BY
HORIZ. CHECKED BY

DATE

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	2
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	166
CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	37
CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	20
CONDUIT PUSHED, 3" DIA., PVC	FOOT	135
CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	110
CONCRETE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	223
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	796
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2
LIGHT POLE, STEEL GALVANIZED, TRANSFORMER BASE,	EACH	1
45 FT. MH, 12 FT. MAST ARM	EACH	1
LIGHT POLE FOUNDATION	EACH	1
FULL-ACTUATED CONTROLLER IN TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	474
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1647
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	290
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 15 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	3
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	30
DRILL EXISTING HANDHOLE	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	5
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
VIDEO VEHICLE DETECTION SYSTEM, 2 CAMERA	EACH	1
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	578
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1

TRAFFIC SIGNAL LEGEND

- ▣ PROP. CONCRETE HANDHOLE
- ▣ PROP. PEDESTRIAN SIGNAL HEAD
- ⊙ PROP. PEDESTRIAN PUSH BUTTON
- ▣ PROP. SIGNAL HEAD WITH BACKPLATE
- ▣ PROP. SIGNAL HEAD
- ⓧ PROP. VIDEO DETECTION CAMERA
- ▣ PROP. TRAFFIC SIGNAL CONTROLLER
- PROP. TRAFFIC SIGNAL POST
- ⊗ PROP. LUMINAIRE
- PROP. SERVICE INSTALLATION



SCHEDULE OF TRAFFIC SIGNAL STRUCTURES			
REF.	LOCATION	TYPE	LENGTH
LP-1	SE QUADRANT	LT P S G TB 45MH 12 DA	45 FT.
TS-1	W QUADRANT	TS POST GALVS	15 FT.
TS-2	SE QUADRANT	TS POST GALVS	10 FT.
MA-1	SW QUADRANT	S MAA & P	55 FT.
MA-2	NE QUADRANT	S COMB MAA & P	40 FT.

SCHEDULE OF SIGNAL HEADS			
QTY	UNIT	ITEM	LOCATION
4.0	EA.	SH, LED, 1F, 3-SEC, MAM	2, 3, 7, 8
1.0	EA.	SH, LED, 1F, 3-SEC, BM	4, 5, 11, 9, 6
1.0	EA.	SH, LED, 1F, 4-SEC, MAM W/ DUAL INDICATION ARROW	1
1.0	EA.	SH, LED, 1F, 4-SEC, MAM W/ DUAL INDICATION ARROW	10
5.0	EA.	TRAFFIC SIGNAL BACKPLATE LOUVERED	1, 2, 3, 7, 8

MA-1 SHALL BE LOCATED A MINIMUM OF 26 FT. BEHIND THE EDGE OF THE ROADWAY IN ACCORDANCE WITH CLEAR ZONE REQUIREMENTS

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS FROM THE MAST ARMS AND RELOCATE THEM ONTO THE THE PROPOSED MAST ARMS, POSTS AND/OR LIGHT POLE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICES FOR THE STRUCTURES.
2. THE CONTRACTOR SHALL DISCONNECT THE EXISTING INTERCONNECT AND ADVANCED DETECTOR LOOP CABLES FROM THE CONTROLLER CABINET AND PULL THE CABLE BACK TO THE NEAREST HANDHOLE NOT AFFECTED BY CONSTRUCTION. THE EXISTING CABLES SHALL BE RE-INSTALLED IN THE PROPOSED CONDUITS AND CONTROLLER CABINET. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICES FOR THE PROJECT.

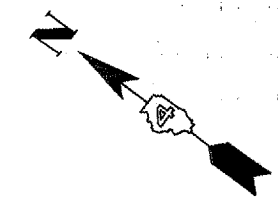
CONSTRUCTION STAGING NOTES

ALL TRAFFIC SIGNAL WORK MUST BE COMPLETED BEFORE THE INTERSECTION IMPROVEMENTS CAN COMMENCE. IF THE CONTRACTOR ELECTS ALTERNATE STAGING, ALL COSTS ASSOCIATED WITH THE STAGING CHANGE, INCLUDING BUT NOT LIMITED TO TRAFFIC SIGNAL MODIFICATIONS, TEMPORARY CABLE, AND TEMPORARY TRAFFIC SIGNALS, WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.






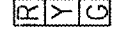










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NAME	DATE

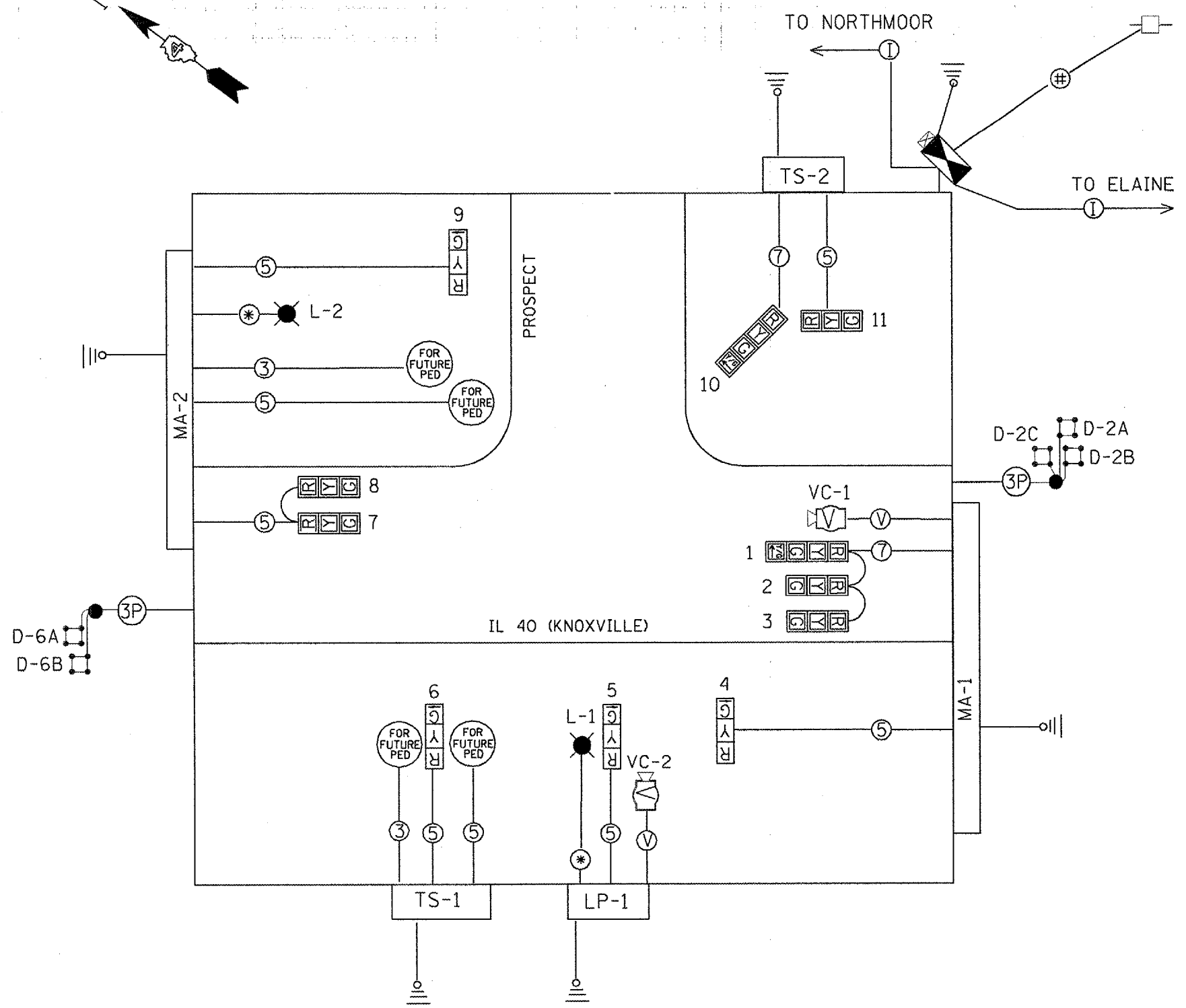
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TRAFFIC SIGNALS
 IL 40 (KNOXVILLE) & PROSPECT
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

\$\$\$DATE\$\$\$
 DGN-ONLY



TRAFFIC SIGNAL LEGEND

-  EX. BBS CABINET
-  PROP. CONTROLLER (SIGNAL)
-  EX. DETECTOR LOOP (6' X 6')
-  EX. TYPE II SPLICE
-  PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE
-  PROP. 3 SEC. SIGNAL HEAD
-  EX. 3 PAIR NO. 18 TW/SH CABLE
-  5C NO. 14 SIGNAL CABLE
-  (1/C #6) X 3 ELECTRIC CABLE (LIGHTING)
-  EX. INTERCONNECT CABLE (#19 TW/S. 12 PAIR)
-  PROP. VIDEO DETECTION CABLE (QUANTITY AND TYPE VARIES BY MANUFACTURER - INCLUDED IN BID PRICE FOR VIDEO DETECTION SYSTEM)
-  PROP. HIGHWAY LUMINAIRE
-  PROP. VIDEO CAMERA
-  EX. SERVICE INSTALLATION
-  SYSTEM GROUND CONNECTION (IN ACCORDANCE WITH NEC REQUIREMENTS)
-  EX. SERVICE CABLE



EXISTING SERVICE, DETECTOR LOOP, AND INTERCONNECT CABLES TO BE REUSED IN PROPOSED TRAFFIC SIGNAL INSTALLATION.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED CABLE DIAGRAM IL 40 (KNOXVILLE) & PROSPECT
SCALE:	VERT. HORIZ.	DRAWN BY
DATE		CHECKED BY

\$\$\$DATE\$\$\$
DGN-ONLY

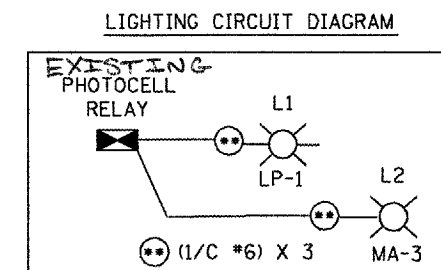
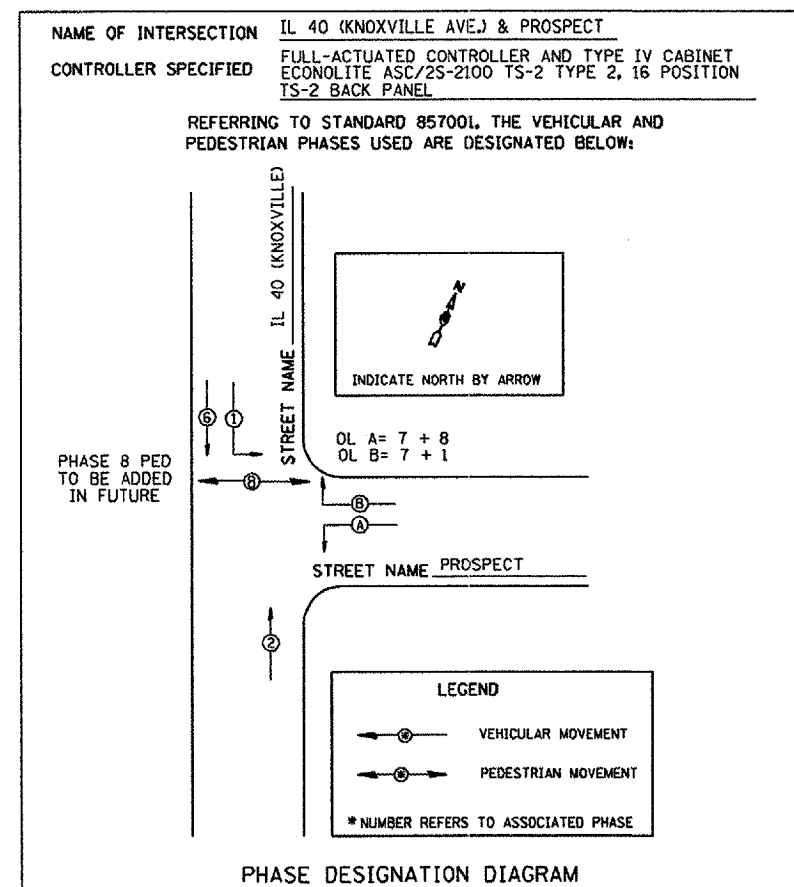
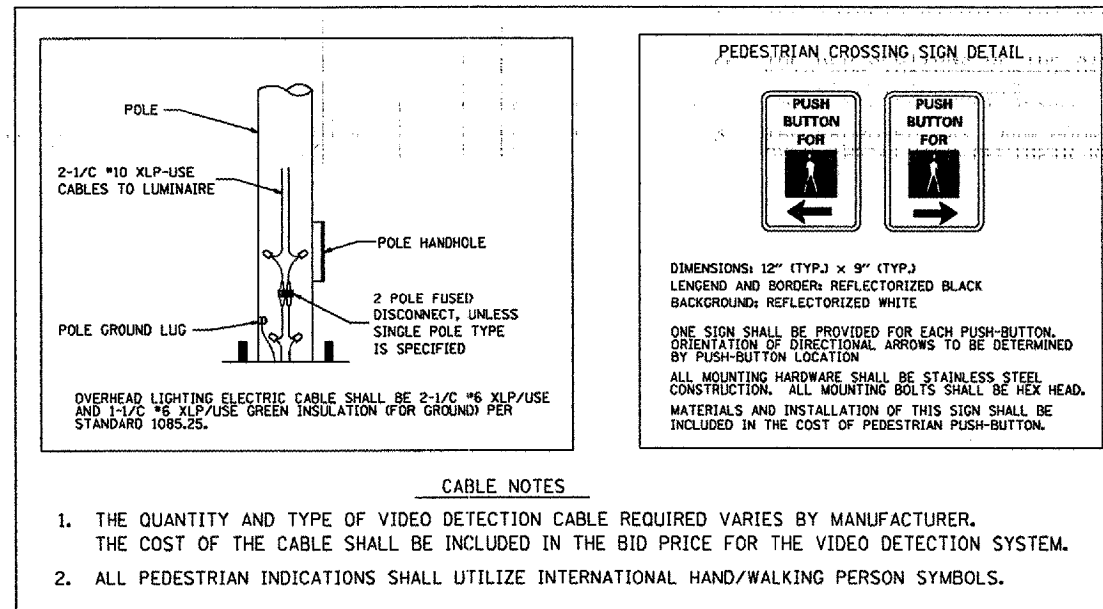
CONSTRUCTION NOTES

- ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 12" DIAMETER SINGLE LED LENSES.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
- ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
- ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
- THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
- THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
- THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST AND LIGHT POLE FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
- THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
- ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ALL STEEL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE EQUIPPED WITH 12 FT. LUMINAIRE ARMS AND HAVE A 45 FT. LUMINAIRE MOUNTING HEIGHT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 0.6 METER (2 FT.) MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS, RINGS, AND FRAMES (EXISTING AND PROPOSED), CONTROLLER CABINETS, AND PHOTOCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- THE EXISTING BATTERY BACKUP SYSTEM CABINET AND COMPONENTS SHALL BE REMOVED FROM THE EXISTING CONTROLLER CABINET AND INSTALLED ON THE PROPOSED CABINET. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "FULL ACTUATED CONTROLLER AND TYPE IV CABINET". NO ADDITIONAL COMPENSATION WILL BE PAID.

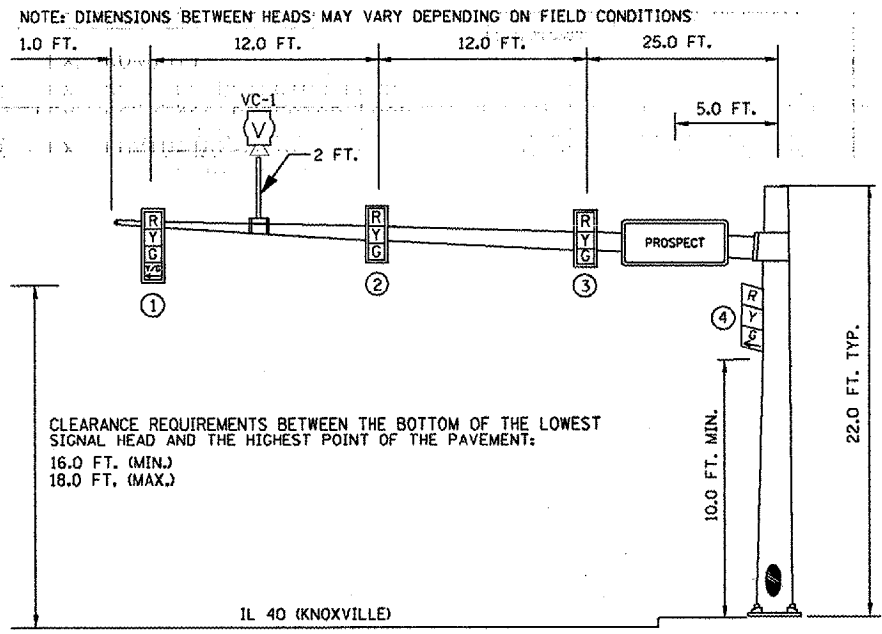
THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM AND TRAFFIC SIGNAL POST FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL CAMERA LOCATIONS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE CAMERAS THAT WERE INSTALLED WITHOUT OBTAINING APPROVAL.

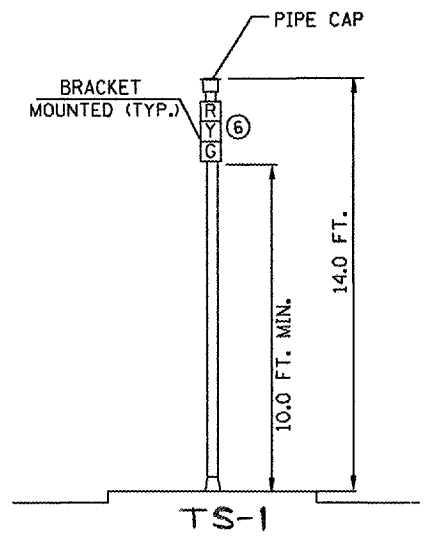
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(130-11N-5,TS	PEORIA		22
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
CONT. *68600				



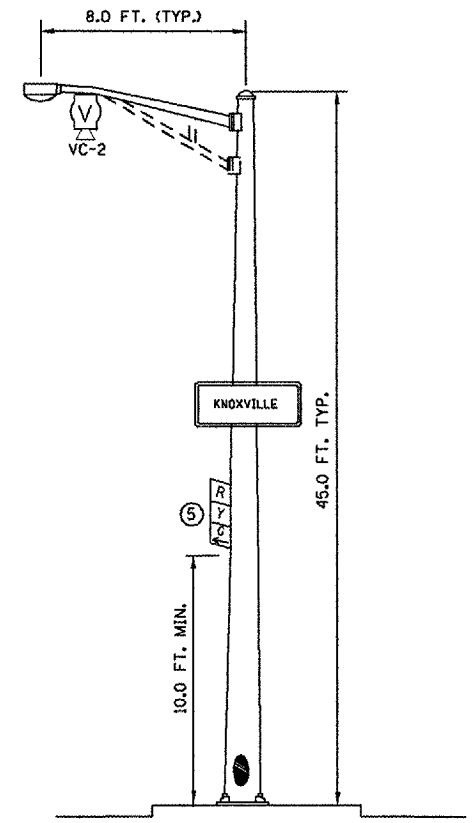
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED TRAFFIC SIGNAL NOTES DIAGRAMS AND DETAILS IL 40 (KNOXVILLE) & PROSPECT
SCALE:	VERT. HORIZ.	DRAWN BY
DATE		CHECKED BY



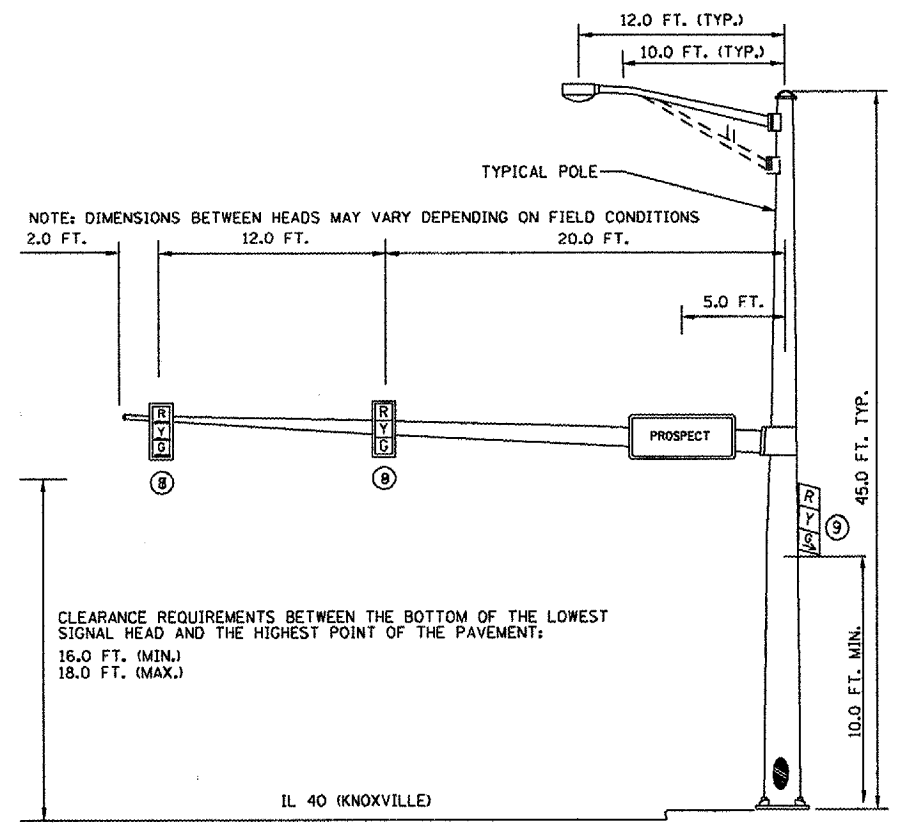
SOUTHBOUND TRAFFIC SIGNAL
SOUTHWEST CORNER OF IL 40 (KNOXVILLE) & PROSPECT



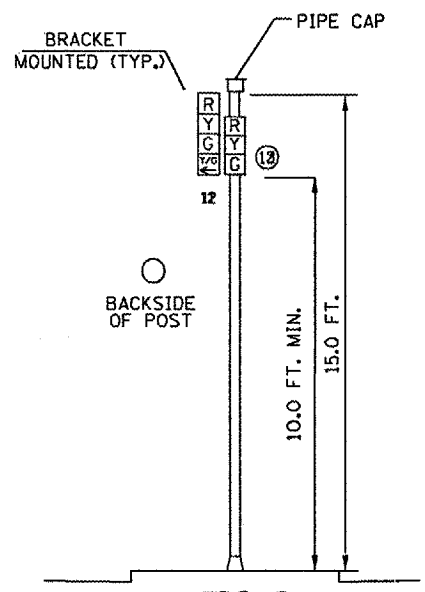
TRAFFIC SIGNAL POST
WEST CORNER OF IL 40 (KNOXVILLE) & PROSPECT



GALVANIZED STEEL LIGHT POLE
WEST CORNER OF IL 40 (KNOXVILLE) & PROSPECT



NORTHBOUND TRAFFIC SIGNAL
NORTHEAST CORNER OF IL 40 (KNOXVILLE) & PROSPECT



TRAFFIC SIGNAL POST
SOUTHEAST CORNER OF IL 40 (KNOXVILLE) & PROSPECT

REVISIONS	
NAME	DATE

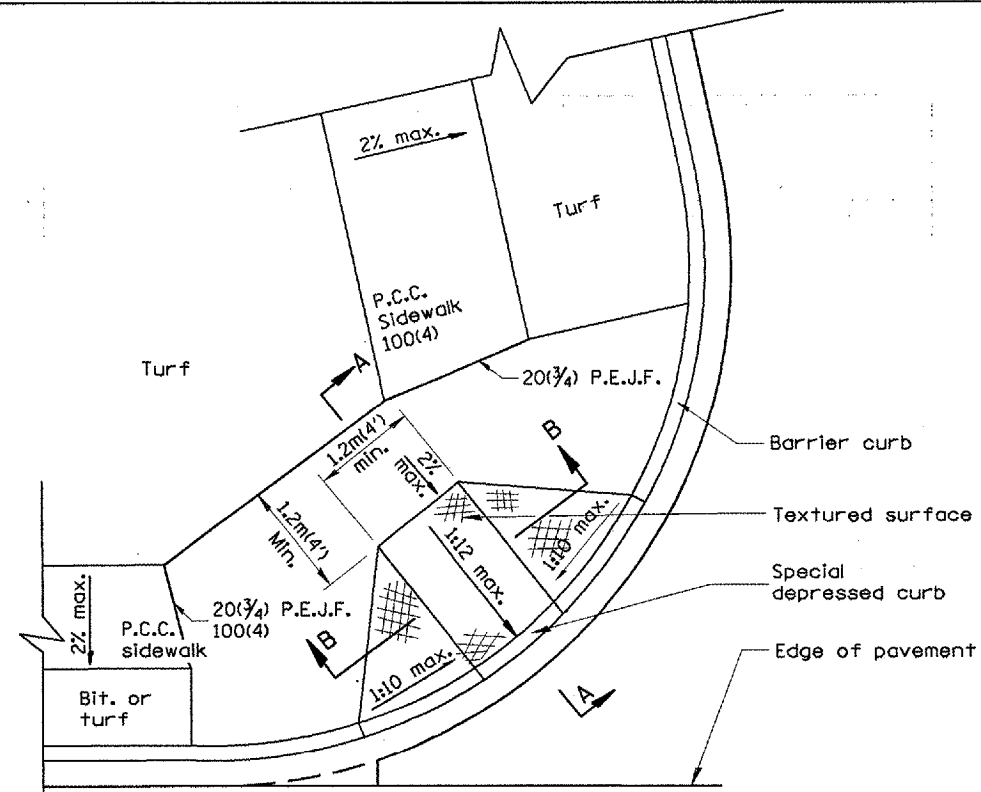
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL
MAST ARM AND POST DETAILS
IL 40 (KNOXVILLE) & PROSPECT

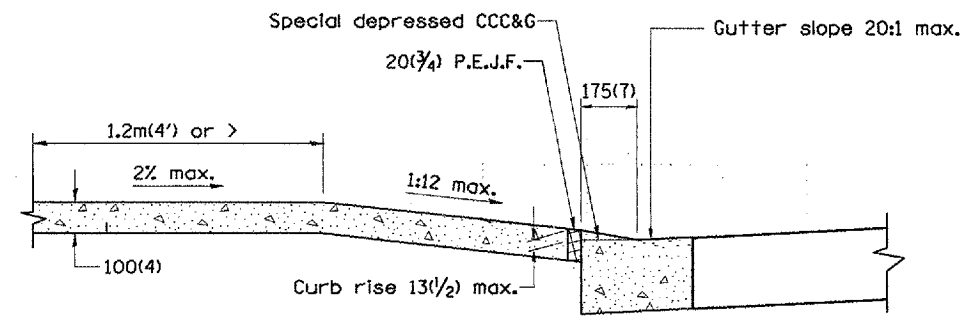
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

\$\$\$DATE\$\$\$
DCN-ONLY

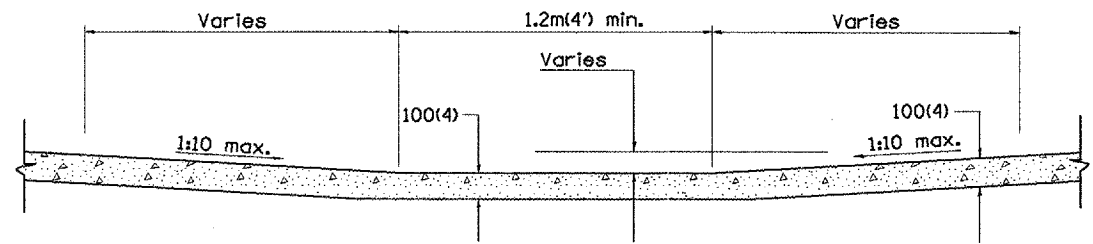
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



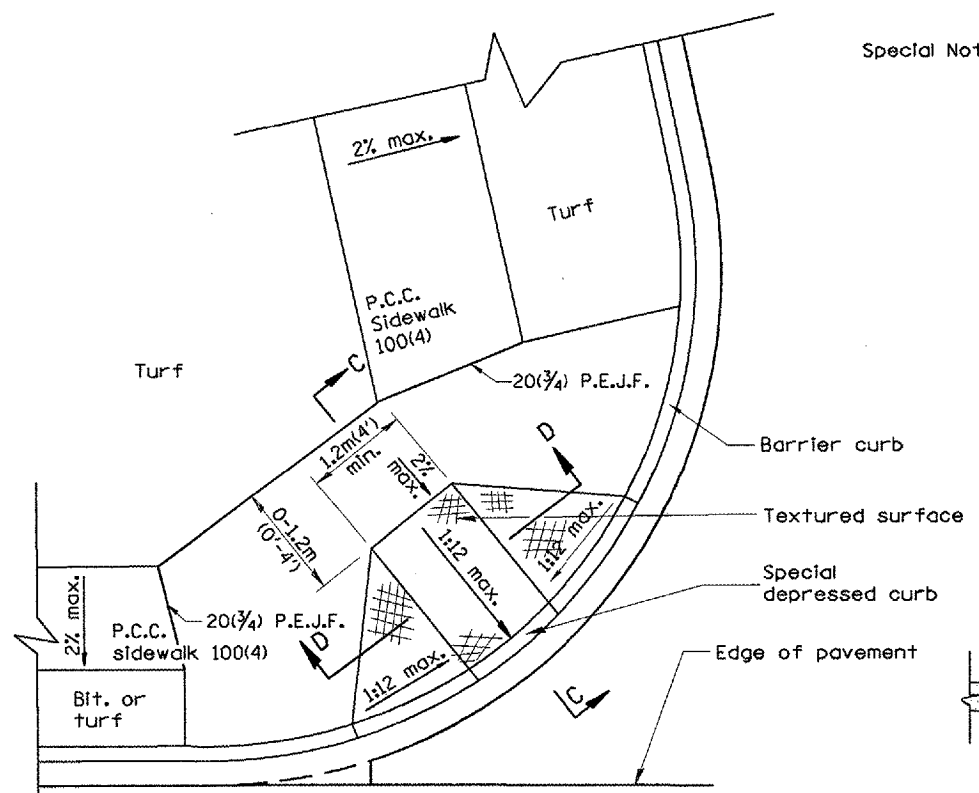
CASE 1
TYPE B RAMP WITH 1.2m(4') OR MORE AT BACK OF RAMP



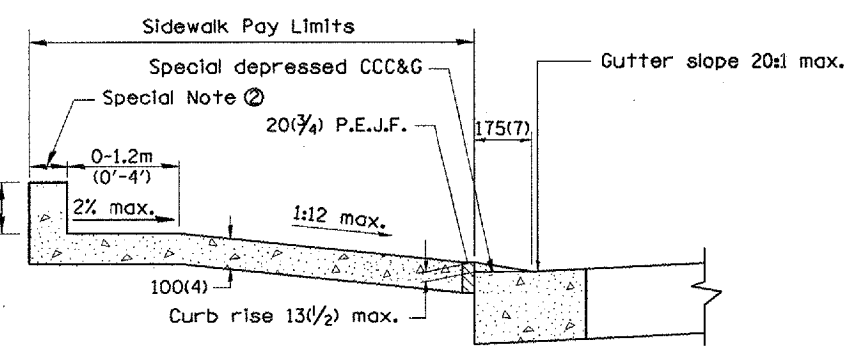
SEC. A-A



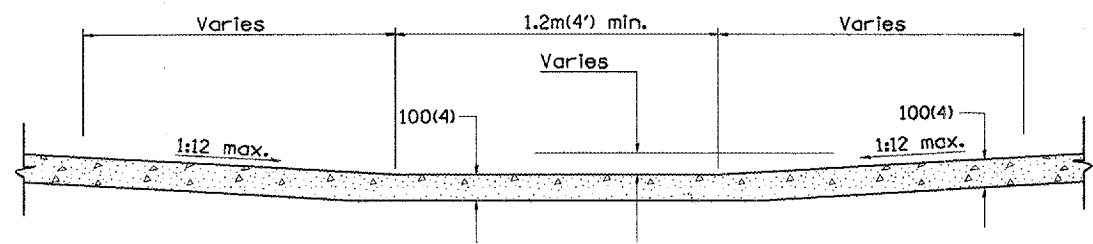
SEC. B-B



CASE 2
TYPE B RAMP WITH LESS THAN 1.2m(4') AT BACK OF RAMP



SEC. C-C



SEC. D-D

GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 1.8m(6') unless otherwise shown.

SPECIAL NOTES

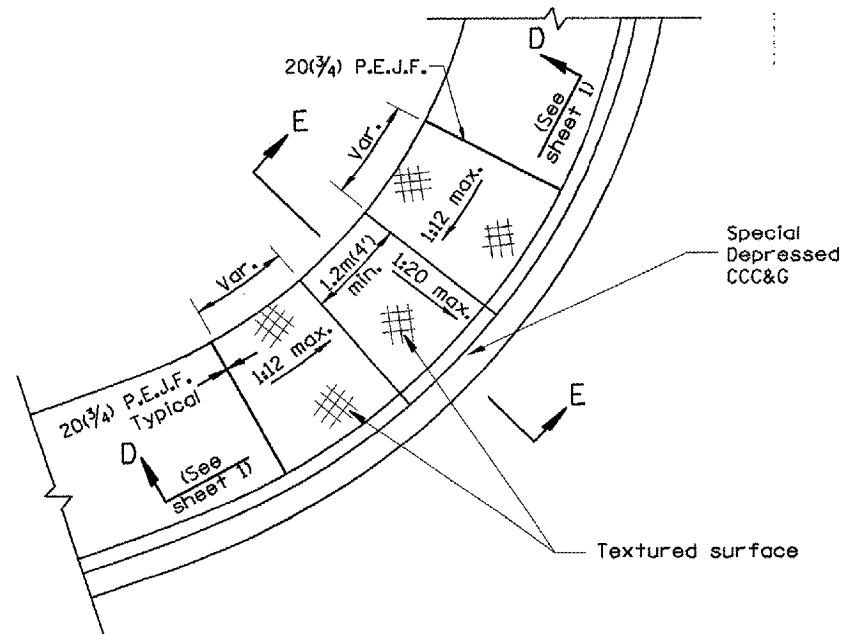
- ① Variable height edge treatment as required to match existing conditions.
Maximum height = 225(9)
- ② 100(4) wall to be built outside of plan sidewalk width, if ROW allows.

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

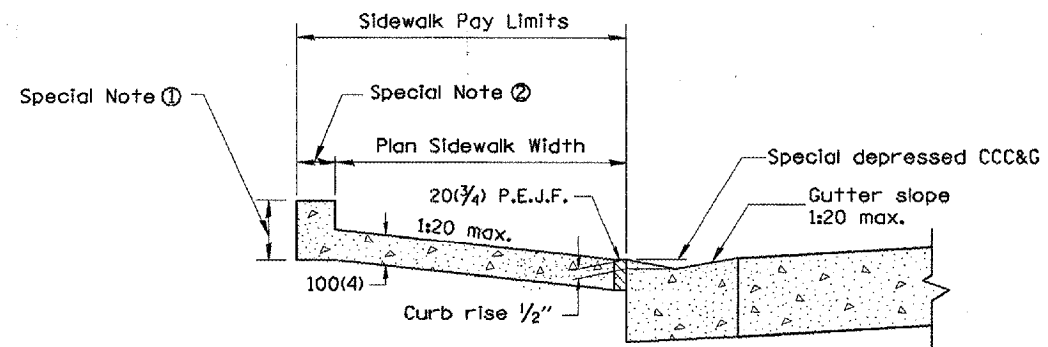
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED	
CADD std. NO. 424001-D4	SHEET 1 of 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE: **DATE**	CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-5.01, NEW REVISION BOX, REVISED TITLE	T.P.
9-15-05	REVISED DESIGNER NOTE	M.M.A.

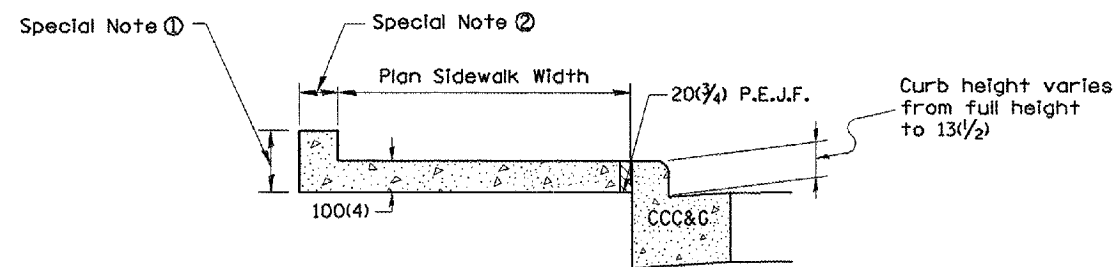
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-DN-5,TS	PEORIA		25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



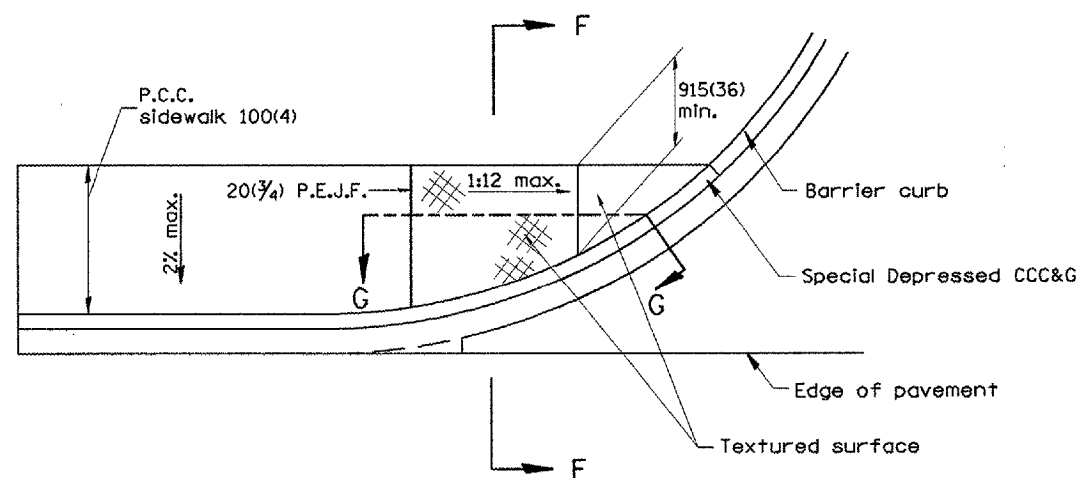
CASE 3
TYPE B DIAGONAL RAMP WITH CURBLIN SIDEWALK



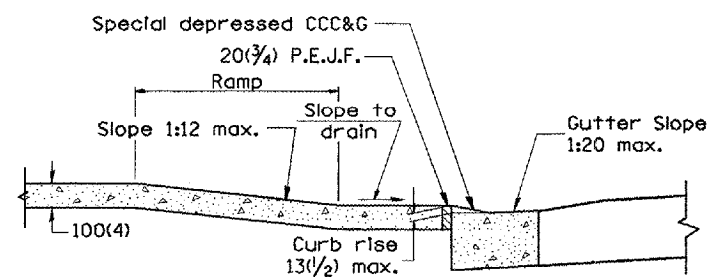
SEC. E-E



SEC. F-F



CASE 4
TYPE B RAMP WITH CURBLIN SIDEWALK



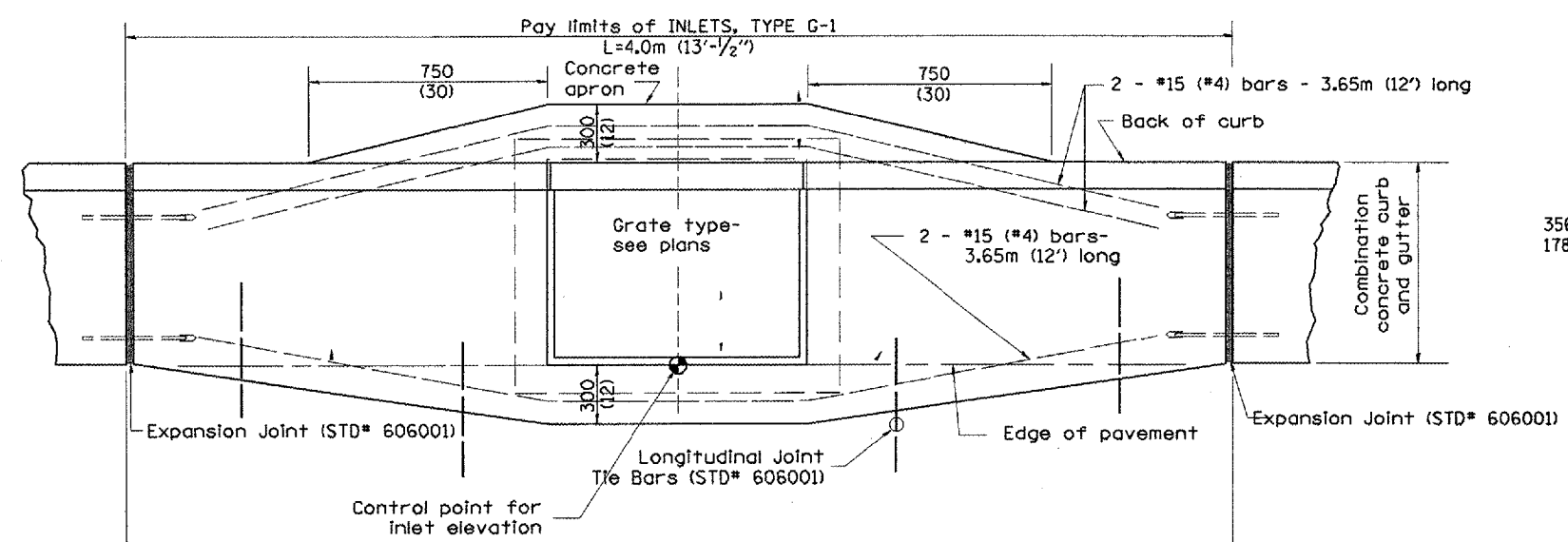
SEC. G-G

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

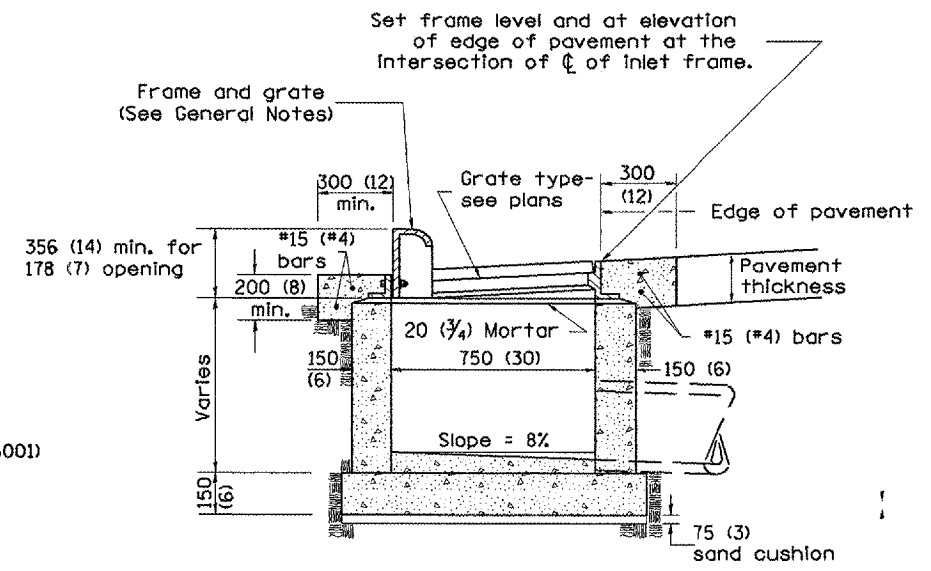
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED	
CADD std. NO. 424001-D4	SHEET 2 of 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE **DATE**	CHECKED BY

\$\$\$DATE\$\$\$

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



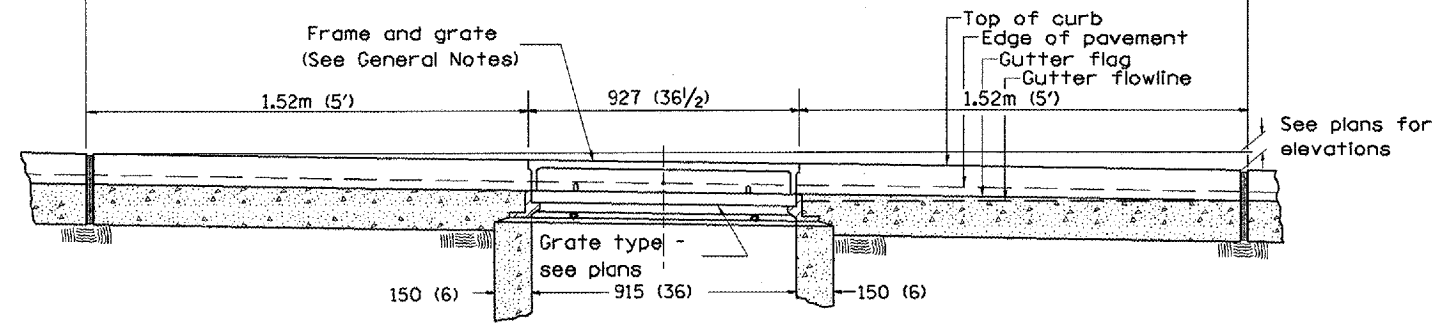
PLAN



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.



ELEVATION FRONT

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
2-00	REVISION TO DESIGNER NOTES	J.A.

INLETS, TYPE G-1

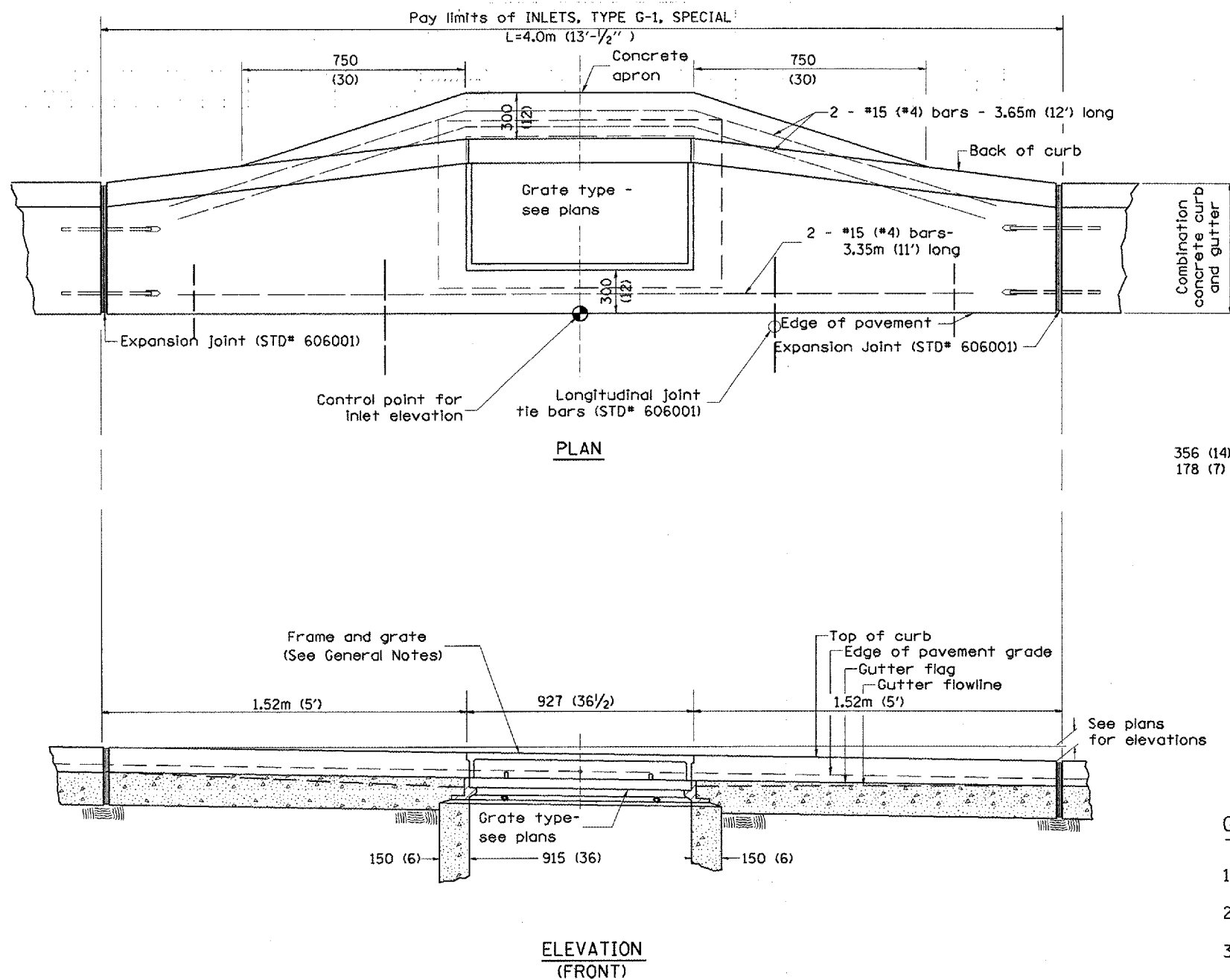
CADD STD NO. 602001-D4

SCALE NOT TO SCALE

DRAWN BY CADD
CHECKED BY

\$\$\$DATE\$\$\$

F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-UN-5,TS	PEORIA		27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

INLETS, TYPE G-1,
SPECIAL

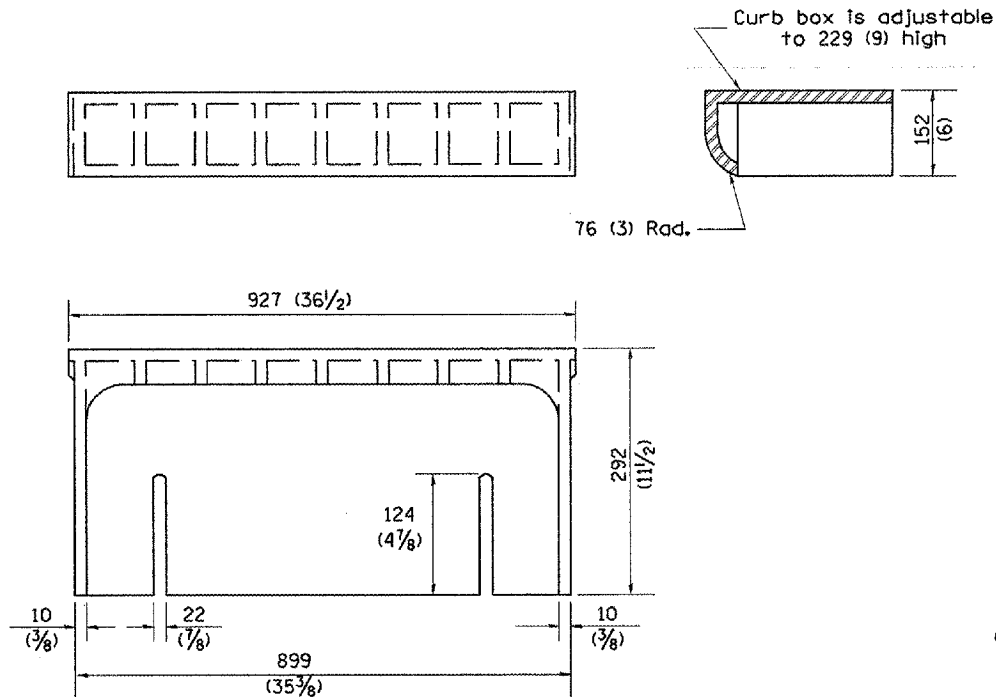
CADD STANDARD 602006-D4
SCALE NOT TO SCALE

DRAWN BY CADD
CHECKED BY

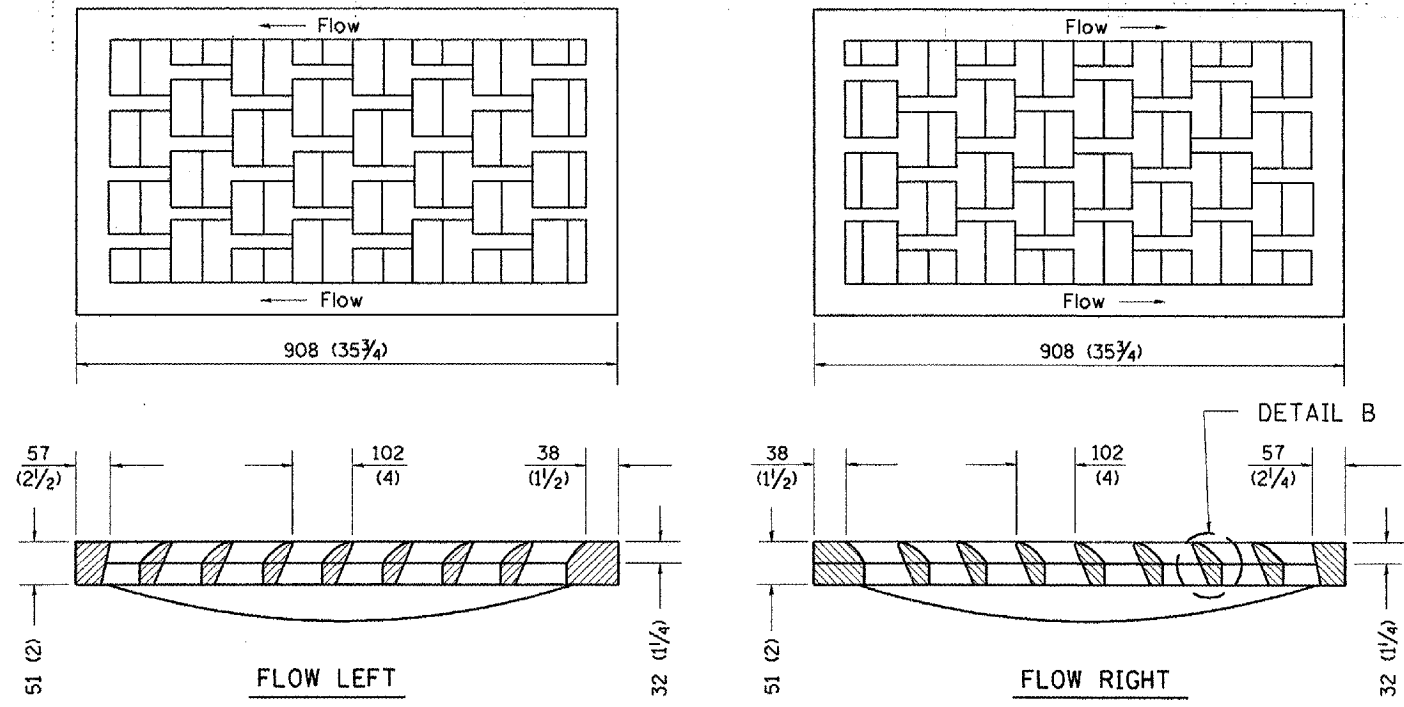
DATE	REVISIONS	BY
1-1-97	RENUM. B-4.02, NEW REVISION BOX	
12-1-98	CORRECT E. O. P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.

\$\$\$DATE\$\$\$

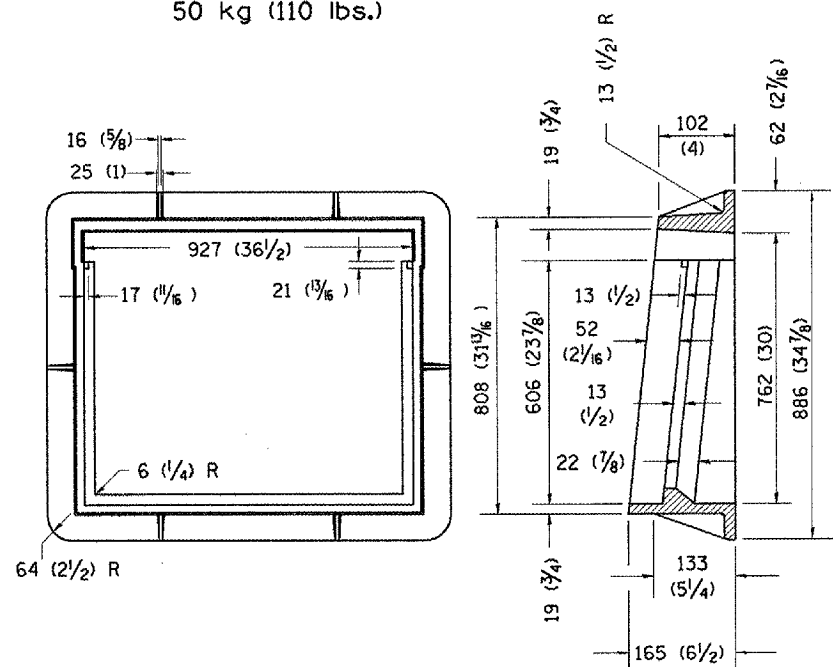
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



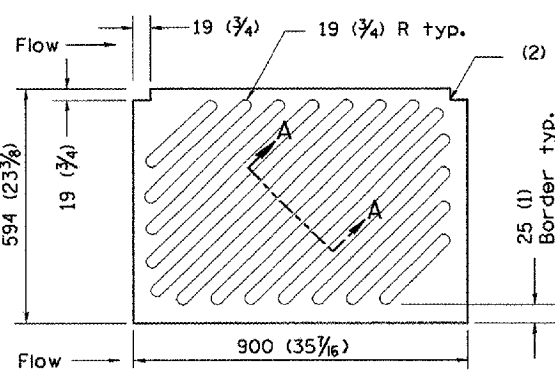
CAST CURB BOX
50 kg (110 lbs.)



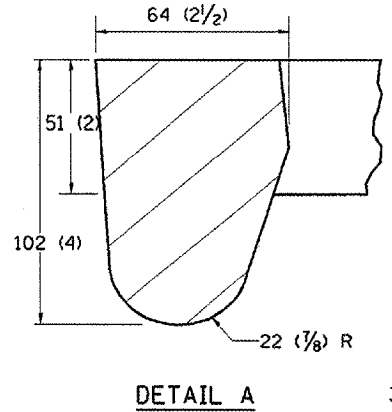
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
104 KG (230 lbs.)



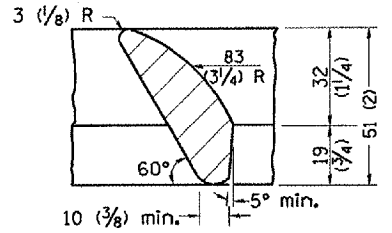
CAST FRAME
123 kg (271 lbs.)



CAST DIAGONAL GRATE
(Reversible for flow)
98 kg (217 lbs.)



DETAIL A



DETAIL B

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

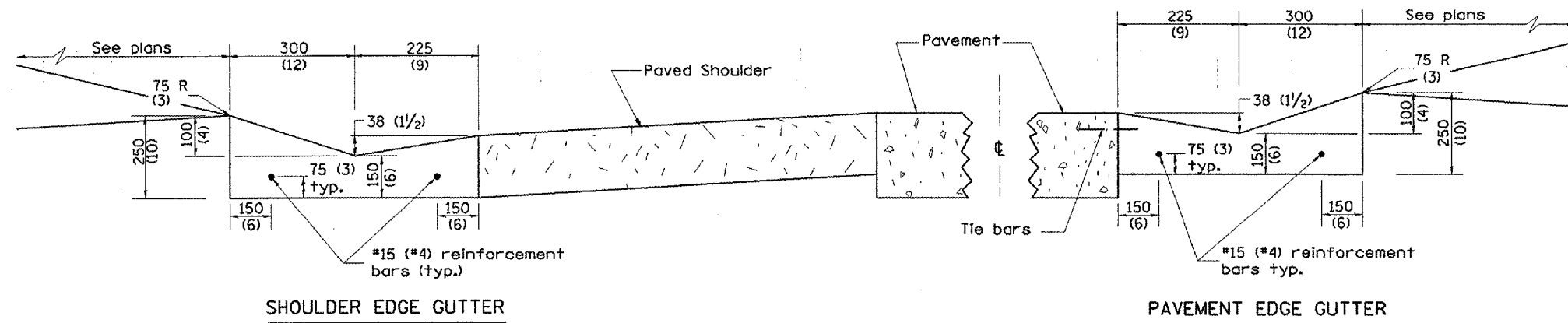
DATE	REVISIONS	BY
1-1-97	RENUM. B-10.01, NEW REVISION BOX	T.P.

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

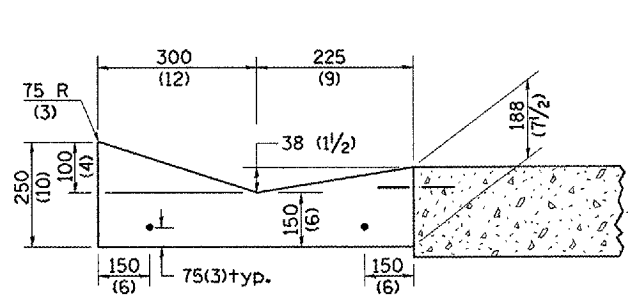
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
FRAME AND GRATES FOR
TYPE G-1 AND TYPE G-1, SPECIAL
DRAINAGE STRUCTURES
CADD STANDARD 604001-D4 DRAWN BY
SCALE NOT TO SCALE CHECKED BY

DATE

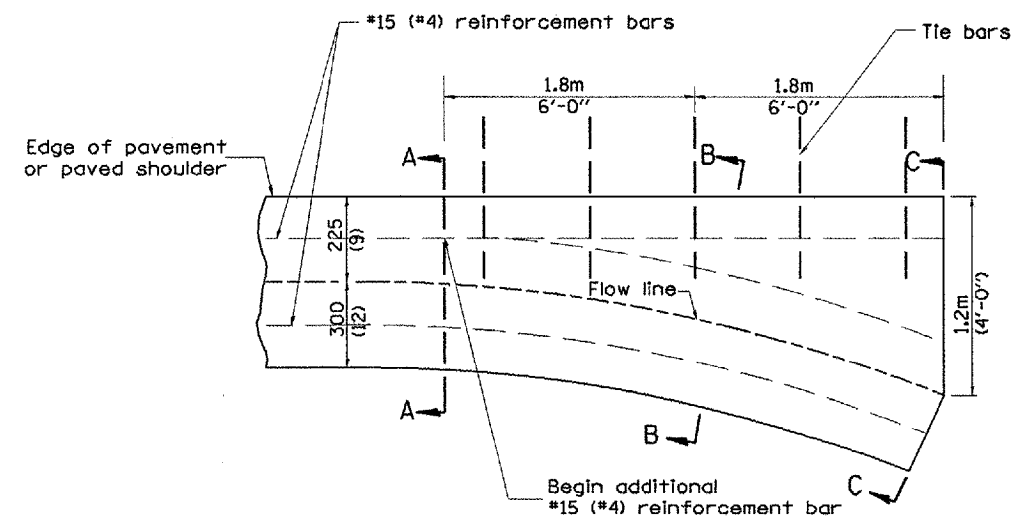
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-DN-5,TS	PEORIA		30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPE B GUTTER (MODIFIED)



SECTION A-A

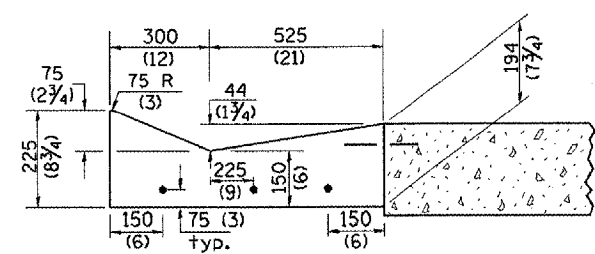


PLAN

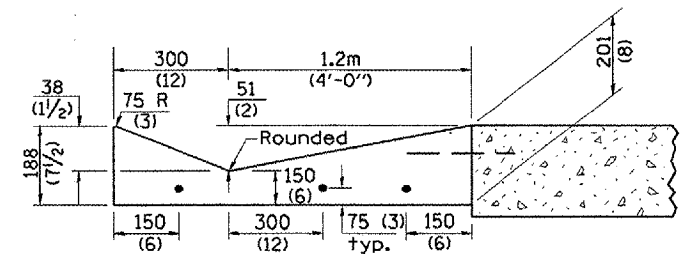
QUANTITY
Section C-C to A-A
m³ (0.73 cu. yd.) concrete.

GENERAL NOTES:

1. TYPE B GUTTER (MODIFIED) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 20 (No. 6) at 600mm (24") 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 2.83 kg/m² (58 lbs/100 sq.ft.).



SECTION B-B



SECTION C-C

INLET

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

TYPE B GUTTER (MODIFIED)
(INLET, OUTLET & ENTRANCE)

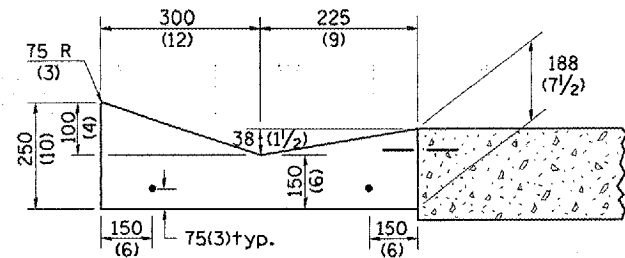
CADD STANDARD 606201-D4 SHEET 1 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-1.01, NEW REVISION BOX, ELIMINATED EXPANSION ANCHOR TIES	T.P.
3-6-98	CORRECT DIMENSIONING	J.A.

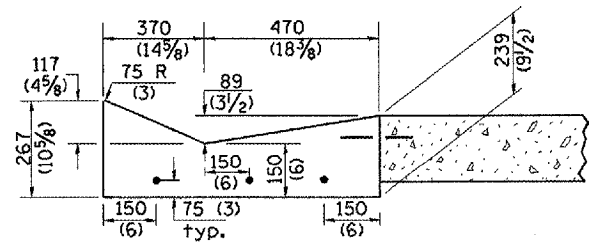
QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:

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

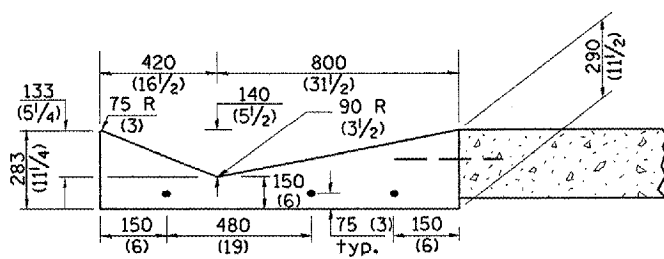
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-1N-5,TS	PEORIA		3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



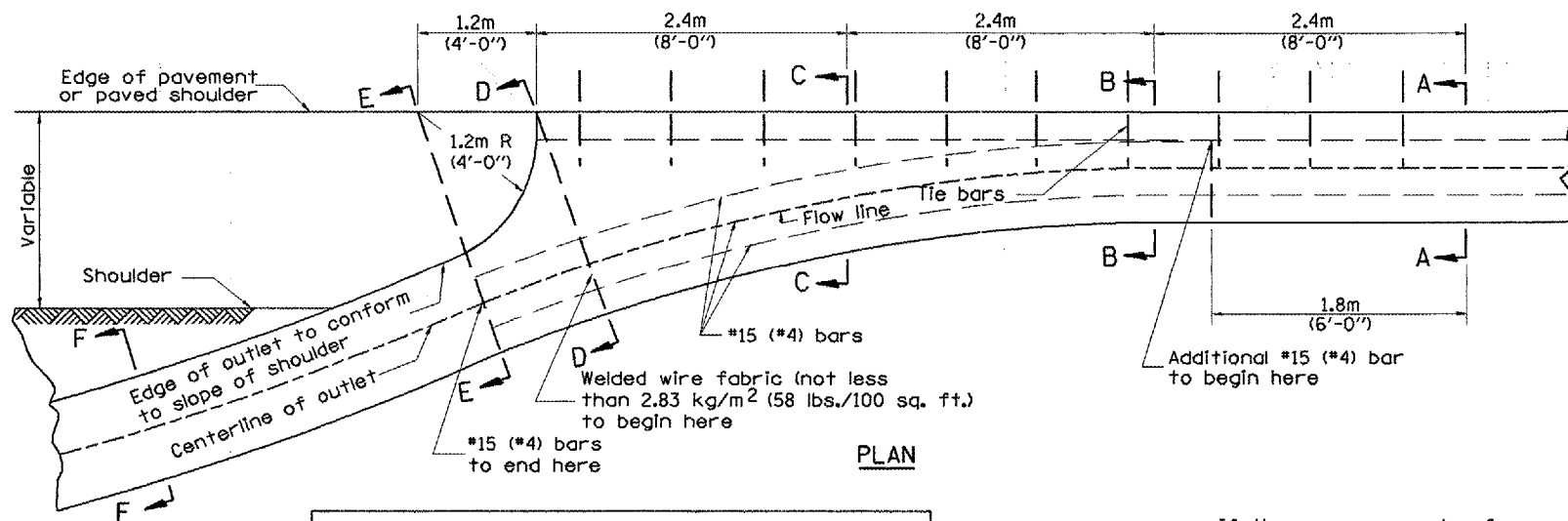
SECTION A-A



SECTION B-B



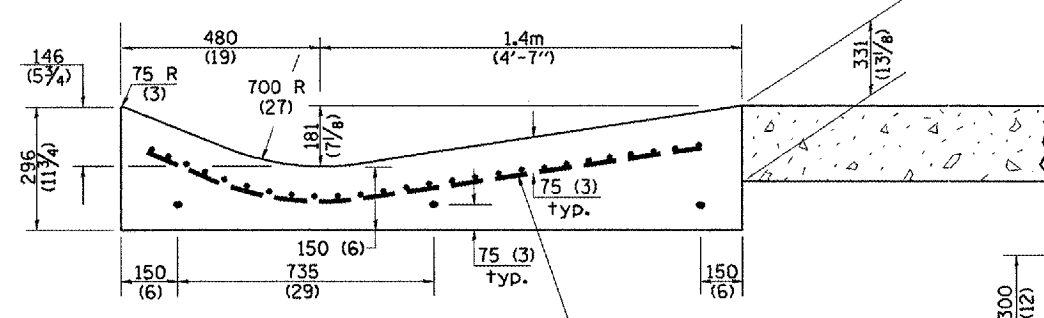
SECTION C-C



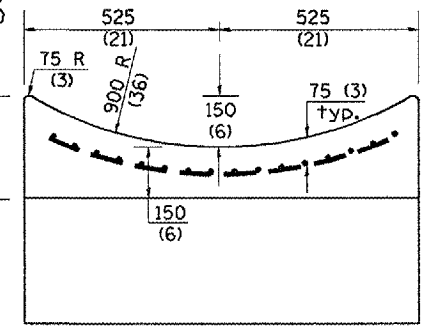
PLAN

QUANTITY
 Section A-A to E-E= m³ (2.81 cu. yd.) concrete.
 Section F-F= m³ (0.09 cu. yd./ft.) concrete.

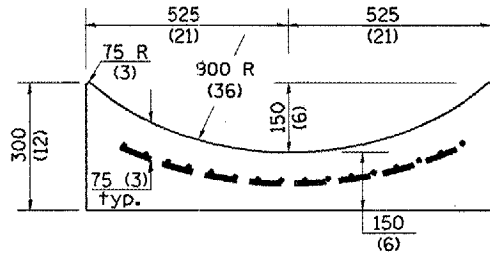
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 1.8m (6 ft.) for each 1% increase in grade. A quantity adjustment is required.



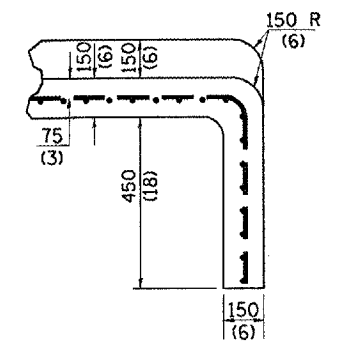
SECTION D-D



SECTION E-E



SECTION F-F



SECTIONS AT END OF OUTLET (CURTAIN WALL)

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

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

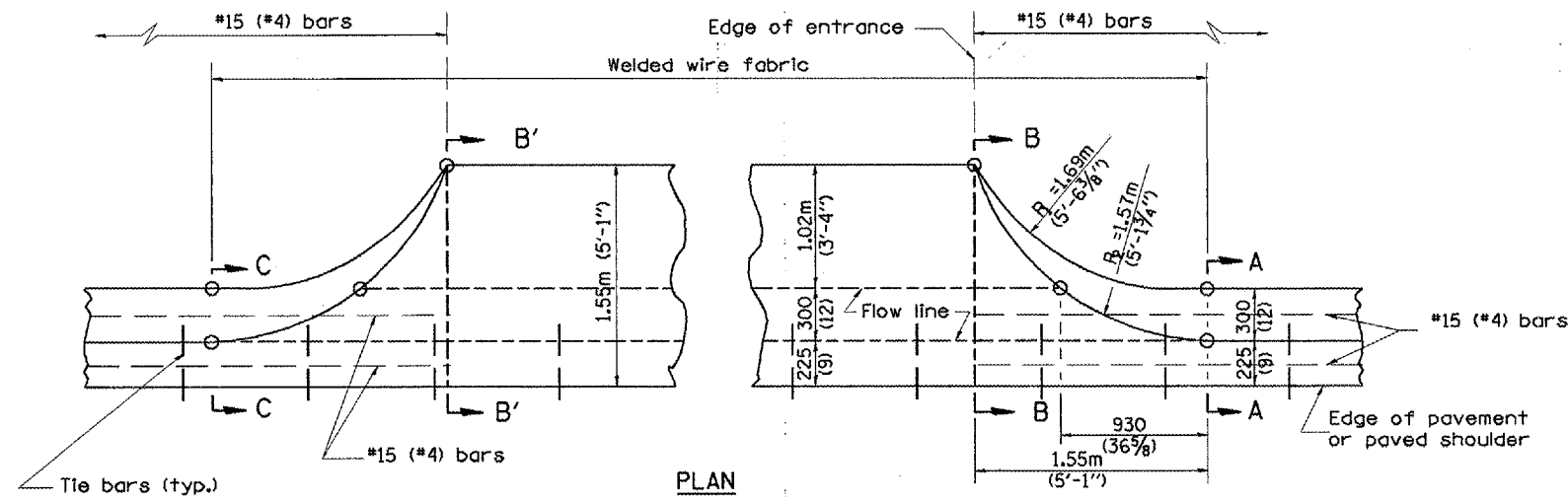
QUANTITIES	
CALC. BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION	

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
TYPE B GUTTER (MODIFIED)	
(INLET, OUTLET & ENTRANCE)	
CADD STANDARD 606201-D4	SHEET 2 OF 3
NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

OUTLET

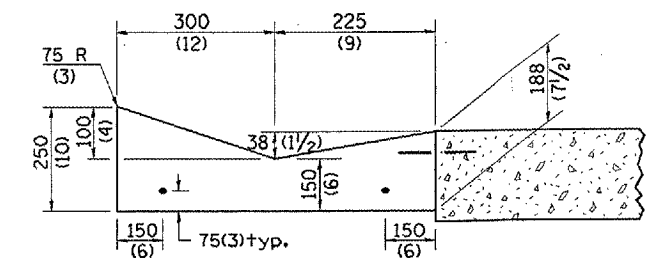
DGN-ONLY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-1N-5,TS	PEORIA		32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

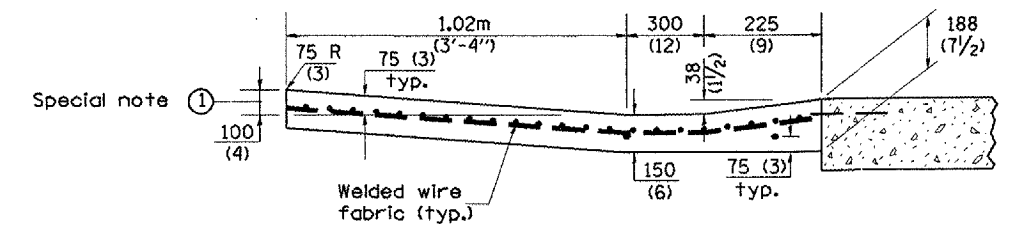


PLAN
TYPICAL URBAN ENTRANCE

QUANTITY URBAN ENTRANCE
 Section B'-B' to B-B= m³/m
 (0.1 cu. yd./ft.).
 Section C-C to B'-B' + B-B to A-A= m³ (0.69 cu. yd.).

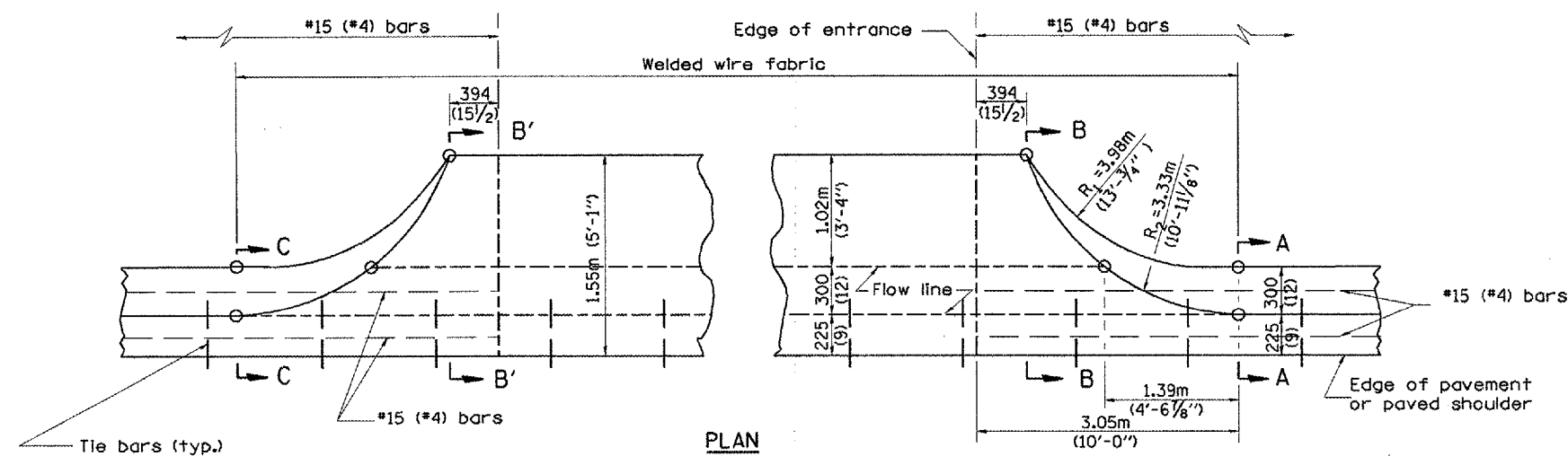


SECTION A-A & C-C



SECTION B-B & B'-B'

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



PLAN
TYPICAL RURAL ENTRANCE

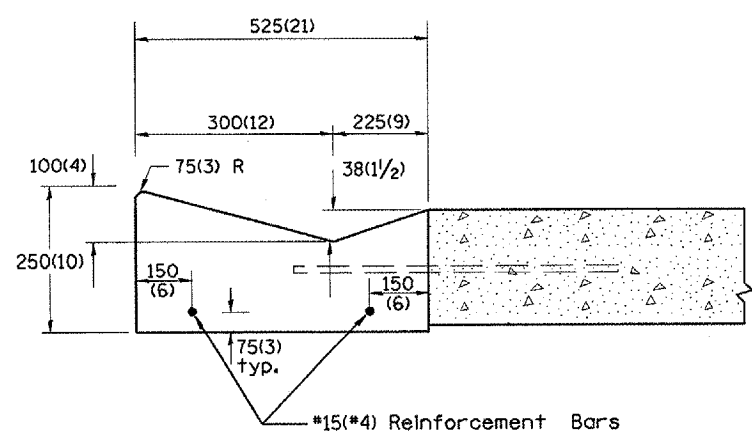
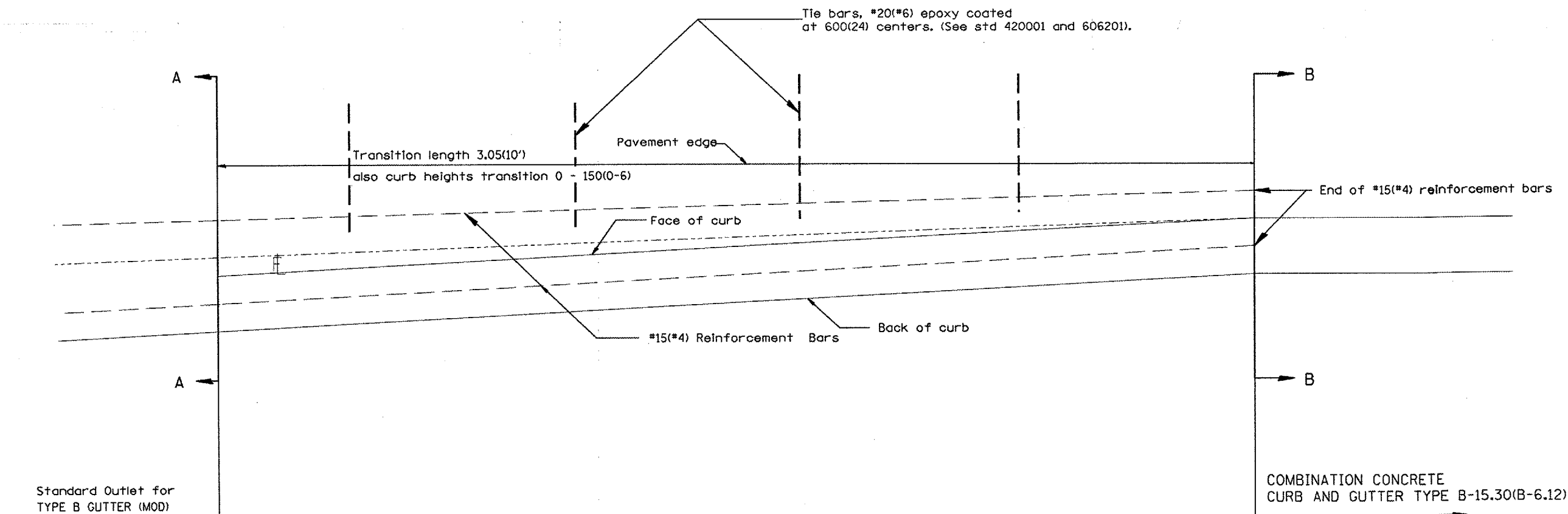
QUANTITY RURAL ENTRANCE
 Section B'-B' to B-B= m³/m
 (0.1 cu. yd./ft.).
 Section C-C to B'-B' + B-B to A-A= m³ (1.19 cu. yd.).

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

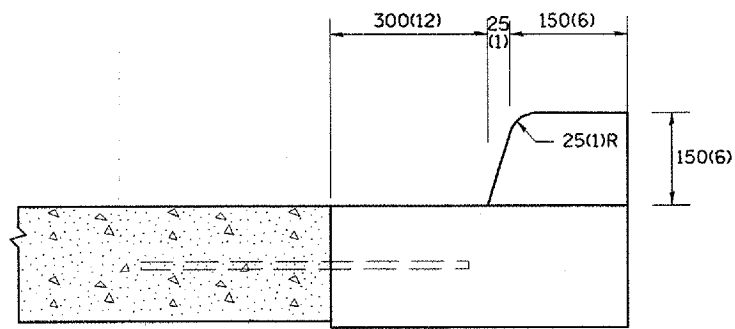
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
TYPE B GUTTER (MODIFIED) (INLET, OUTLET & ENTRANCE)	
CADD STANDARD 606201-D4	SHEET 3 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY
	CHECKED BY

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	1103-10N-5.TS	PEORIA		33
STA.		TO STA.		
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 millimeters (inches) unless otherwise noted.

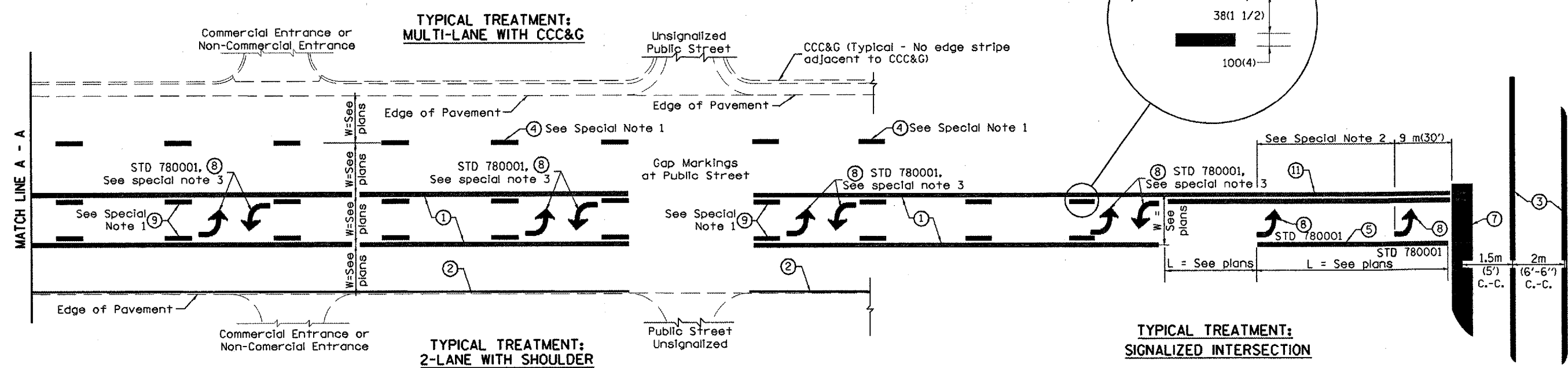
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. A-7.11, METRICS, NEW REVISION BOX, REVISED GENERAL NOTES, ELIMINATED EXPANSION TIE ANCHORS	T.P.

TRANSITION FROM CONCRETE CURB AND GUTTER TYPE B-15.30(B 6.12) TO OUTLET FOR TYPE B GUTTER (MODIFIED)
CADD STANDARD 606206-D4
SCALE: NONE
DRAWN BY: CADD
CHECKED BY:

\$\$\$DATE\$\$\$

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(103-1)N-5,TS	PEORIA		39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 100(4) Solid (Yellow)
- ② 100(4) Solid (White)
- ③ 2-150(6) Crosswalk @ 2m (6'-6")min C.-C. (White)
2-200(8) Crosswalk @ 2m (6'-6")min C.-C. (White) (When traffic signals are present.)
- ④ 150(6) Skip-Dash (White) (See Special Note 1)
- ⑤ 200(8) Solid (White)
- ⑥ 300(12) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 600(24) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 100(4) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 300(12) Diagonal (Yellow) (See Table A)
- ⑪ 100(4) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 24 m (80').
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 61 m (200').
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 10 m (33').

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

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

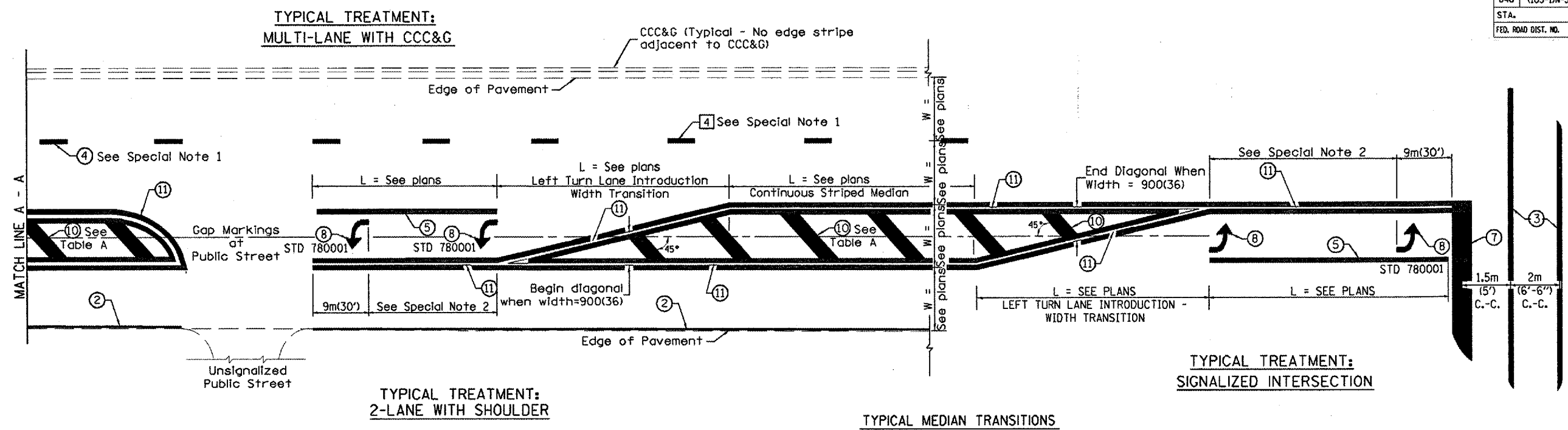
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
TYPICAL PAVEMENT MARKINGS
 CADD STANDARD 780001-D4 SHEET 1 OF 2
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. F-8.03, NEW REVISION BOX	T.P.
2-7-97	ADD BI DIRECTIONAL DIMENSION	J.A.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.
8-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.

DATE

DON-ONLY

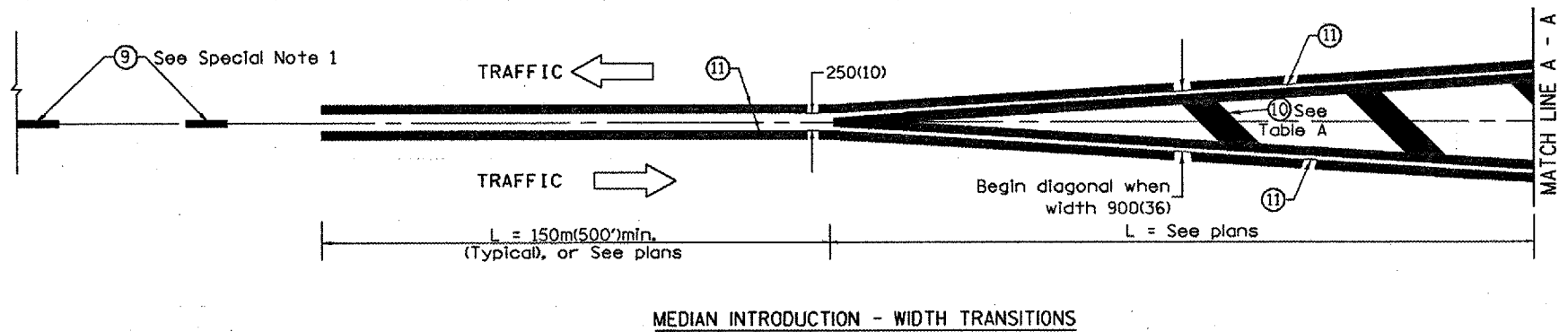
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	103-DN-5,TS	PEORIA		35
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 50 km/h (30 mph)	15m (50')	5m (15')
50 - 70 km/h (30 - 45 mph)	23m (75')	6m (20')
Over 70 km/h (45 mph)	46m (150')	9m (30')



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

TYPICAL PAVEMENT MARKINGS

CADD STANDARD 780001-D4
SCALE: NOT DRAWN TO SCALE

SHEET 2 OF 2
DRAWN BY CADD
CHECKED BY

DATE

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