

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
150	11-11, 12, 13(1-2), 14-1-3]PP	PEORIA	23	1
BUILDINGS			CONTRACT NO. 68G18	

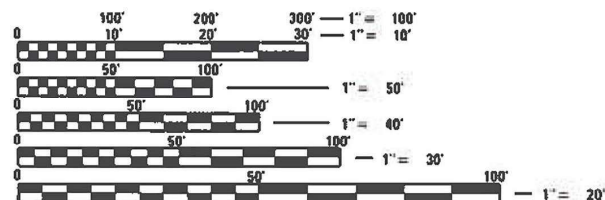
INDEX OF SHEETS:

- 1 COVER SHEET
- 2 GENERAL NOTES & COMMITMENTS
- 3 SUMMARY OF QUANTITY
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- 6 LINE DIAGRAM
- 7-21 PROPOSED PLAN
- 22-23 DISTRICT STANDARDS

DISTRICT STANDARDS
780001-D4

HIGHWAY STANDARDS
000001-08
701101-05
701106-02
701426-09
701602-10
701701-10
701901-08

DESIGN DESIGNATION: OTHER STATE
AADT = 27,600
%SU = 2.3%
%MU = 1.7%



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.

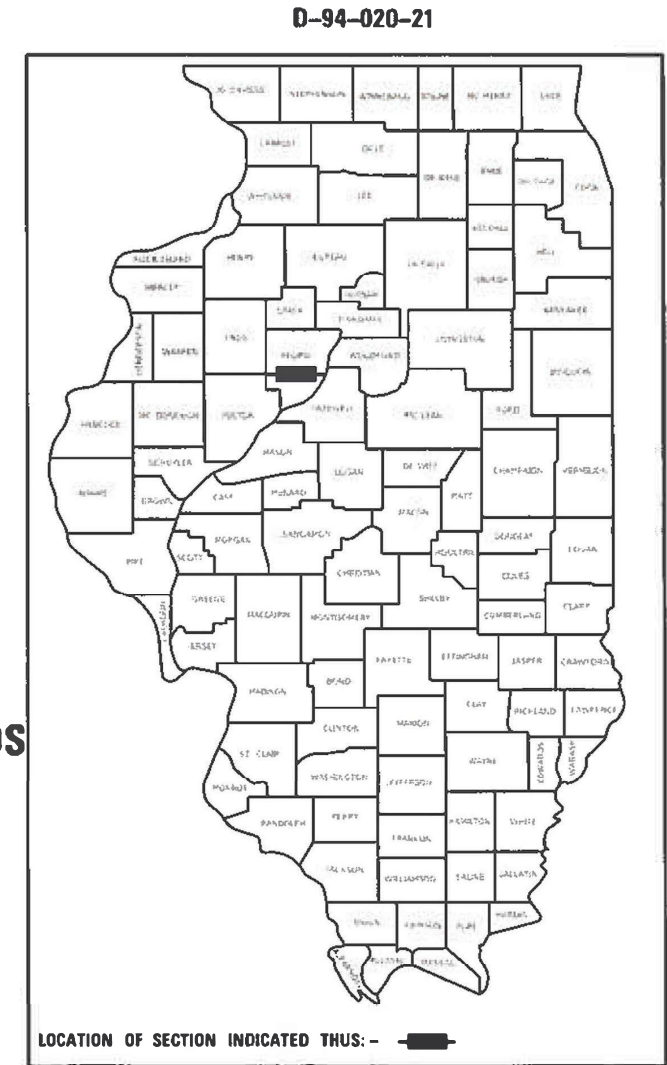
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: RICH DOTSON (309) 671-3455
PROJECT MANAGER: MIKE JACOBS (309) 671-3460
CATALOG NO. 036150-00D
CONTRACT NO. 68G18

PROPOSED HIGHWAY PLANS

FAP ROUTE 317A (US 150)
SECTION [(11,12,13)I-2;14-1-3]PP
CONTRACT MAINTENANCE
PEORIA COUNTY

C-94-035-21



DESCRIPTION OF WORK:
THIS PROJECT CONSISTS OF LONGITUDINAL JOINT REPAIR & PARTIAL DEPTH PATCHING ALONG US 150 (WAR MEMORIAL DRIVE) FROM WEST BRANDYWINE DRIVE TO IL 29 (ADAMS ST) IN PEORIA.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 4, 2021

[Signature]
REGIONAL ENGINEER

March 19, 2021

[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

GROSS LENGTH = 19,008 FT. = 3.6 MILES
NET LENGTH = 19,008 FT. = 3.6 MILES

COMMITMENTS

There are no commitments with this project.

GENERAL NOTES

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 sideroads 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.

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.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- 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

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall 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.

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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Longitudinal Joint Repair 3" (one lift) and Partial Depth Patching
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5
Friction Aggregate:	Mix D
Quality Management Program:	QCQA

Notes:

- 1) 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.
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
- 3) Sublot sizes for PFP and QCP mixes will be 1,000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMMITMENTS AND GENERAL NOTES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	FULL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						150	(ILL. 12, 13)(1-2)(4-1-3)PP	PEORIA	23	2
CONTRACT NO. 68G18										
ILLINOIS FED. AID PROJECT										

FILE NAME =	USER NAME =	DESIGNED =	REVISED =
PROJECT PLAN FOR ILLINOIS GOV. PKTDOT 0100	1001 OFFROAD DISTRICT 4 PROJECT 04.68	0100	0100
Default	PLOT SCALE = 3600000.0004 1/1 in.	CHECKED =	REVISED =
	PLOT DATE = 3/2/2021	DATE =	REVISED =

LEGEND
LONGITUDINAL JOINT REPAIR

WESTBOUND CENTERLINE
 LENGTH = 1350'
 RPM REMOVAL = 17

WESTBOUND LT
 LENGTH = 250'

EASTBOUND RT
 LENGTH = 350'

EASTBOUND CENTERLINE
 LENGTH = 750'
 RPM REMOVAL = 9

Bigelow St

Knoxville Ave

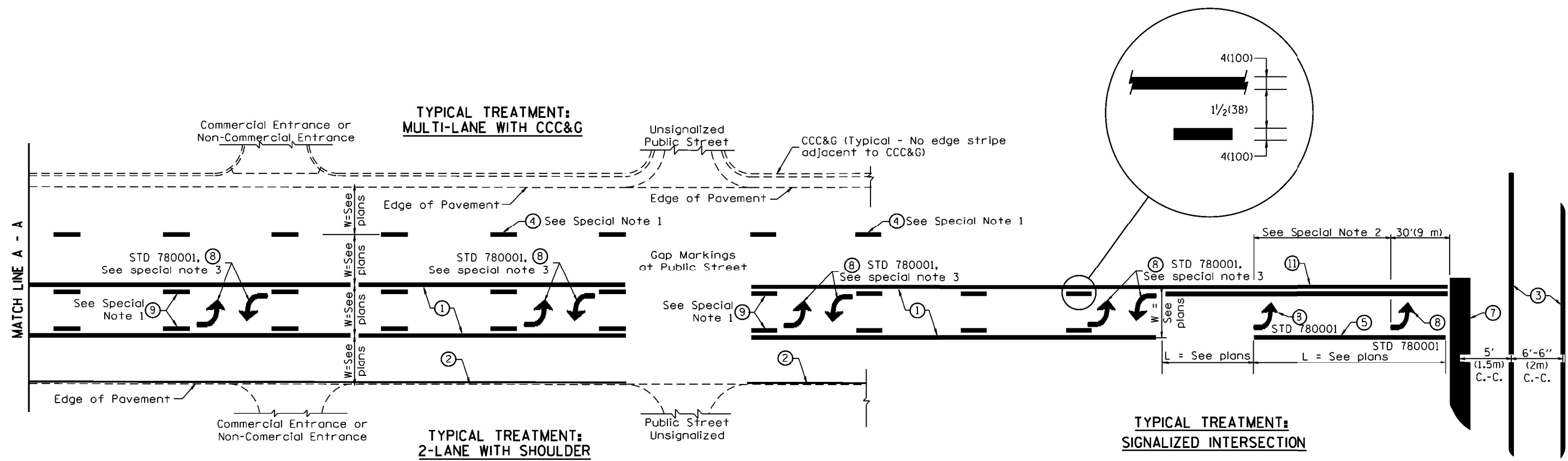
1:1,404 100 ft

FILE NAME :	USER NAME : letemove	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE : 2/4/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN VIEW			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
150	(11, 12, 13)-2+14-1-33PP	PEORIA	23	12
CONTRACT NO. 68G18				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

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

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-5" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) 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 80' (24 m).
 - 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 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

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.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

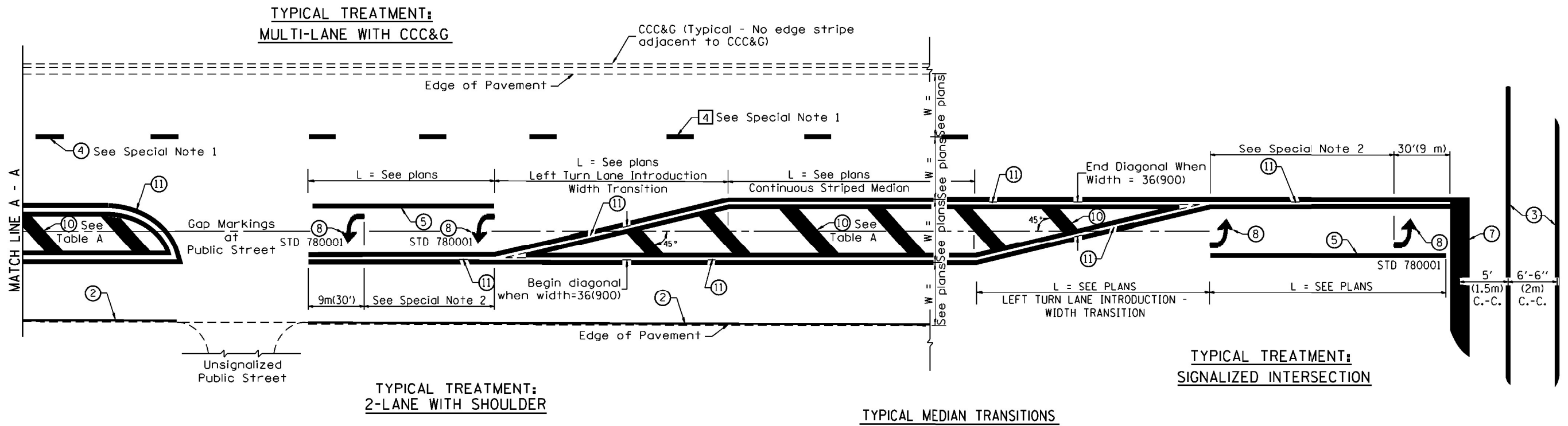
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

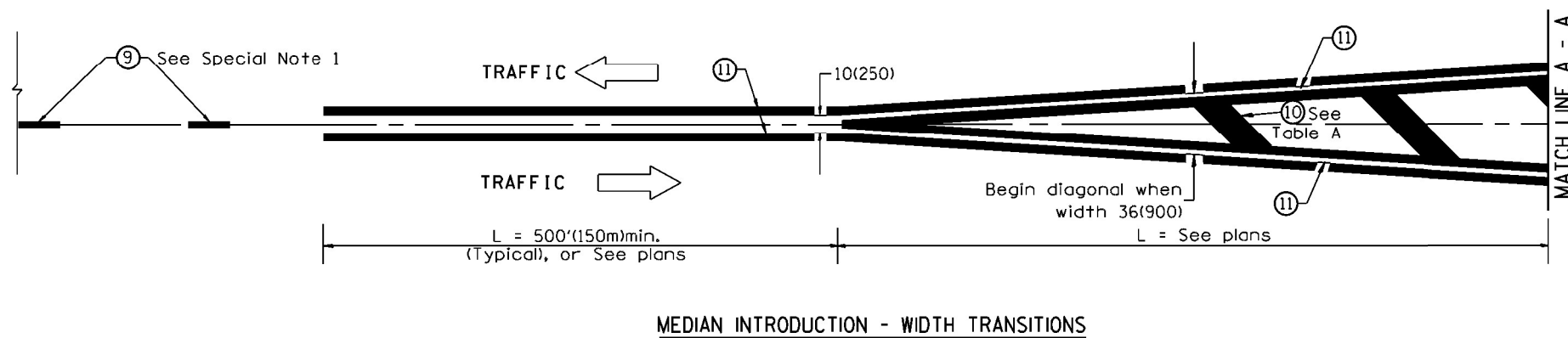
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
150	(11, 12, 13)-214-1-33PP	PEORIA	23	22
CONTRACT NO. 68G18				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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



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