04–23–2021 LETTING ITEM 121

INDEX OF SHEETS:

1 COVER SHEET **2 GENERAL NOTES & COMMITMENTS**

3 SUMMARY OF QUANTITY

4 TYPICAL SECTIONS

5 SCHEDULE OF QUANTITIES

6 LINE DIAGRAM

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7-21 PROPOSED PLAN

22-23 DISTRICT STANDARDS

DISTRICT STANDARDS 780001-D4

HIGHWAY STANDARDS

000001-08 701101-05

701106-02 701426-09

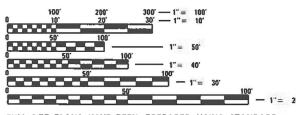
701602-10 701701-10

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.

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

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PROPOSED HIGHWAY PLANS

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

PROJECT BEGINS E Marietta Ave E Moneta Ave ESciola Ave W Lake Ave E Lake Ave Shelidan. E Rouse Ave E Hines Aven E Cox Ave W Crestwood Di E Paris Ave woods Blyd E Tripp Ave E Forest HII Ave E William Ave E Seneca PI

E Republic St

E Frye Ave

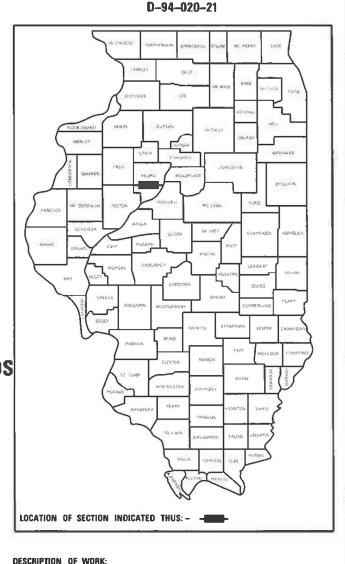
C-94-035-21

PROJECT ENDS

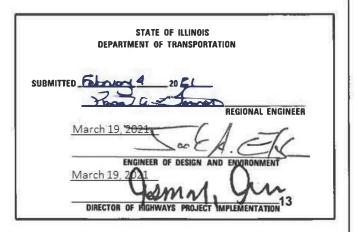
GROSS LENGTH = 19.008 FT. = 3.6 MILES NET LENGTH = 19,008 FT. = 3.6 MILES

150 [L11 12 13H-2 14-1-3[PP

PEORIA 23 1 CONTRACT NO. 68G18



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.



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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 (WasterUse 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 Pl0101

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./n., 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.

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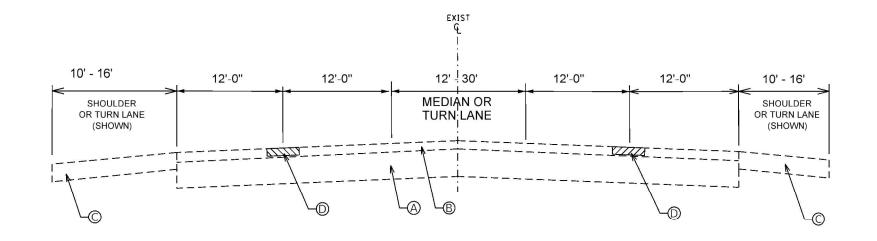
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		T	URBAN	ROADWAY
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CODE NO.	ITEM	UNIT	QUANTITY	PEORIA
				0006
67100100	MOBILIZATION	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1610	1610
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	536	536
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	14550	14550
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	3675	3675
78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	1600	1600
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	150	150
K0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1	1
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	533	533
X4421000	PARTIAL DEPTH PATCHING	TON	68	68
Z0033600	LONGITUDINAL JOINT REPAIR	FOOT	30780	30780

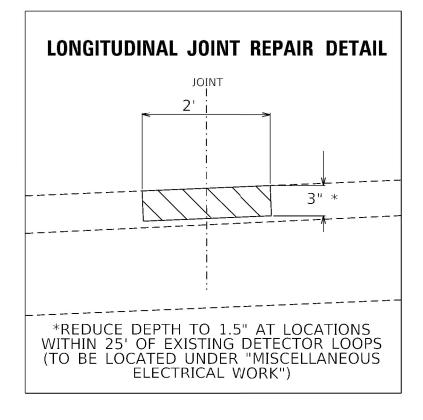
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STA. 219+00 TO STA. 2106+75 (WESTBOUND) STA. 219+00 TO STA. 2094+00 (EASTBOUND)

US 150

- (A) EXISTING PCC PAVEMENT
- B EXISTING HMA OVERLAY
- © EXISTING HMA SHOULDER/TURN LANE
- PROPOSED LONGITUDINAL JOINT REPAIR (SEE DETAIL)



*NOT TO SCALE

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	PARTIAL DEPTH PATCHING 2.25"							
Location	Length	Width	Number of patches		Dartial Donth	Partial		
Location	Length	Width	WESTBOUND	EASTBOUND	Partial Depth Patching (special)	Depth Patching		
	FOOT	FOOT			SQ YD	TON		
	4	12	6	6	64	8.064		
	6	12	7	16	184	23.184		
	15	4	0	2	13.33	1.68		
US 150	20	4	2	5	62.22	7.84		
03 130	25	4	0	6	66.67	8.4		
	20	12	2	0	53.33	6.72		
	SUB-TOTAL			443.56	55.888			
	WINTER BREAKU	P(ADD 20%)		88.71	11.1776			
	TOTAL	533.00	68					

PAINT PAVEMENT MARKING*					
LOCATION	4" SOLID	6" WHITE SKIP	8" WHITE SOLID		
LOCATION	FEET	FEET	FEET		
US 150					
JOBSITE	14550	3675	1600		
TOTAL	14550	3675	1600		

^{*}PROPOSED PAVEMENT MARKING SHALL BE PLACED AT THE LOCATION OF THE LONGITUDINAL JOINT REPAIR.

RPM REMOVAL				
	EACH			
JOBSITE	150			
TOTAL	150			

LONGITUDINAL JOINT REPAIR					
FOOT					
	19725				
	5925				
	5130				
	30780				
	FOOT				

MOI	BILIZATION
LOCATION	LSUM
JOBSITE	1

TRAFFIC CONTROL & PROTECTION, STANDARD 701602						
LOCATION	LSUM					
JOBSITE	1					

TRAFFIC CONTROL & PROTECTION, STANDARD 701701					
LOCATION	L SUM				
JOBSITE	1				

CHANGEABLE MESSAGE SIGN*					
LOCATION	CAL DAYS				
JOBSITE	30				

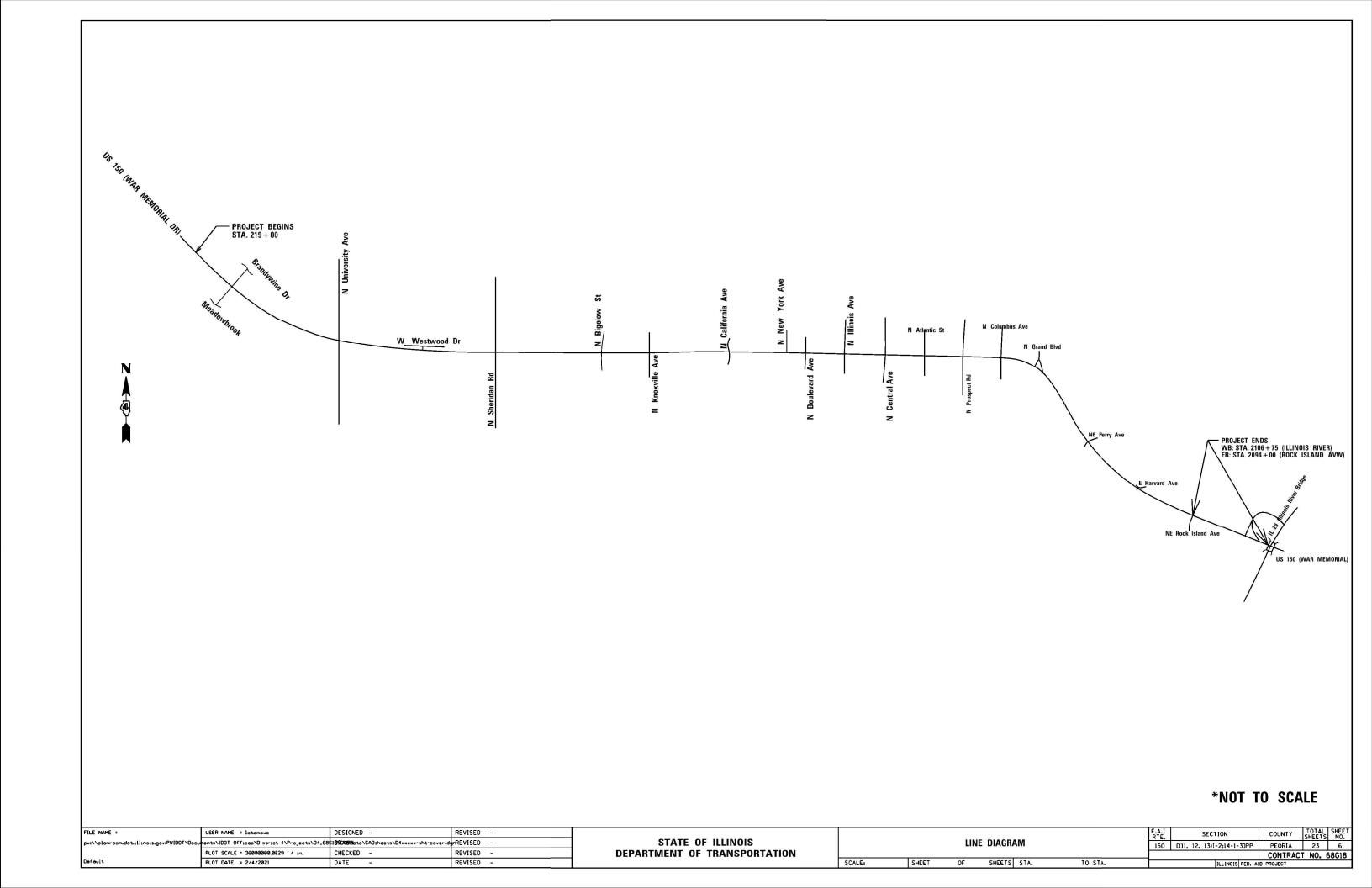
^{*3} SIGNS @ 10 DAYS EACH

MISCELLANEOUS ELECTRICAL WORK					
LOCATION L SUM					
JOBSITE	1				

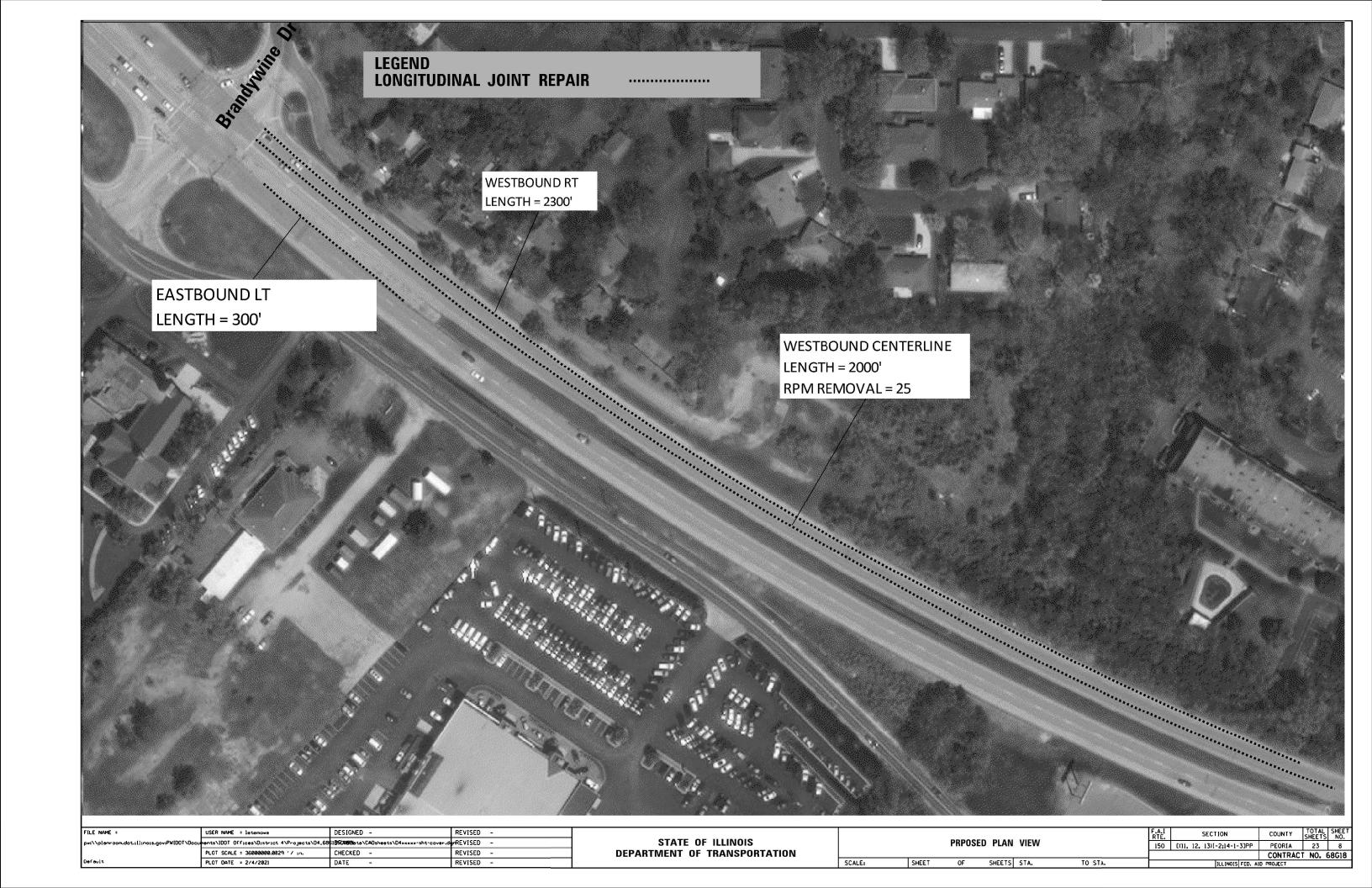
SHORT TERM PAVEMENT MARKING				
LOCATION FEET				
JOBSITE	1610			

SHORT TERM PAVEMENT MARKING REMOVAL				
LOCATION SQ FT				
JOBSITE	536			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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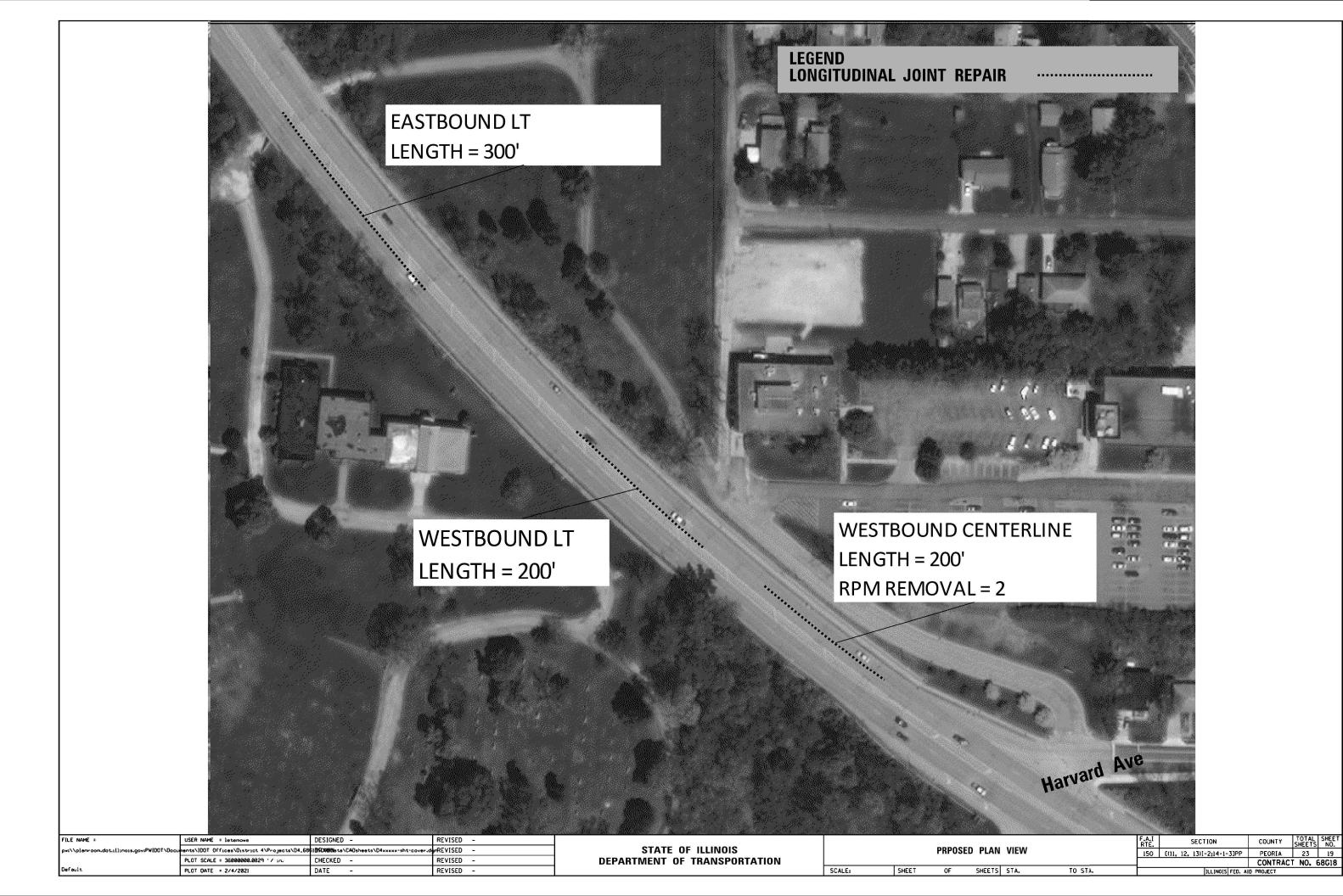


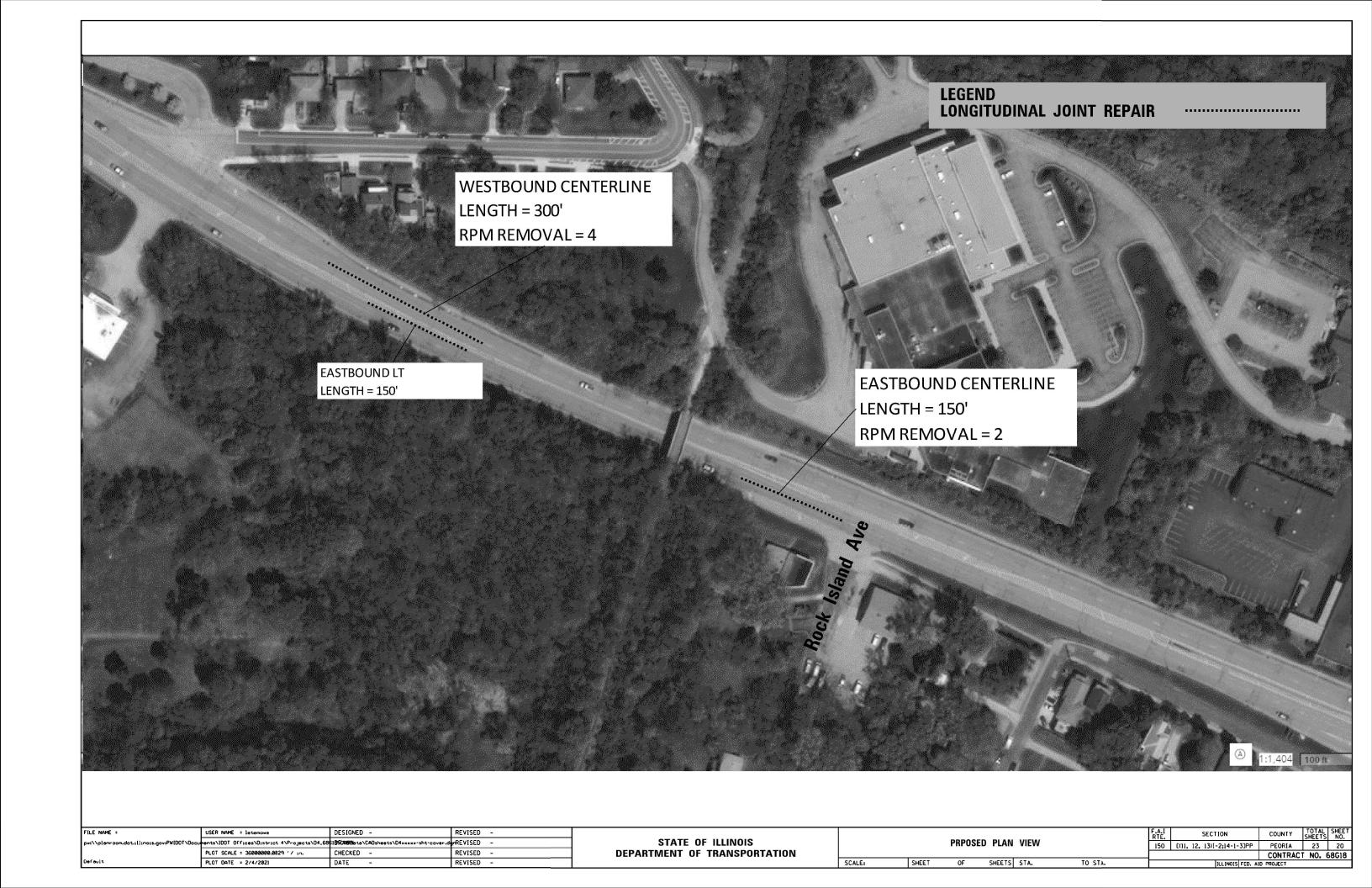
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PLOT DATE = 2/4/2021

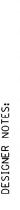
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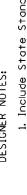


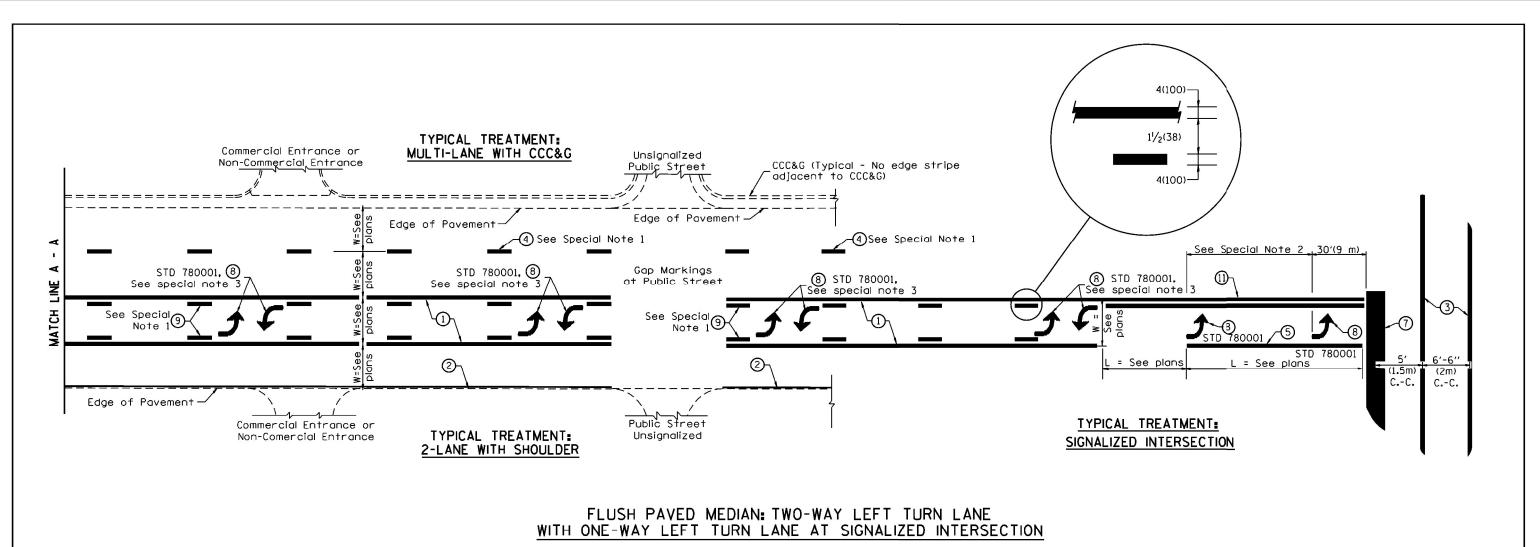












TYPICAL PAVEMENT MARKING LEGEND

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

- (1) 4(100) Solid (Yellow)
- 4(100) Solid (White)
- (3) 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White) 2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- 6(150) Skip-Dash (White)
- (See Special Note 1)

See Table A

10-16-06 REVISED TO 2007 SPEC.

2/29/16 ADDED GROOVING AREAS

07-16-19 SPELLING CORRECTIONS

(See Special Note 1)

R.D.

R.D.

- 8(200) Solid (White)
- 12(300) Diagonal (White) (Item 6) is shown on Std. 780001)
- 24(600) Stop Bar (White)
- (See Std. 780001 and Special Notes 2 & 3)

11(280) C.-C

T.P.

J.A.

J.A.

- 4(100) Skip-Dash (Yellow)
- 12(300) Diagonal (Yellow) (See Table A)
- (1) 4(100) Double Solid (Yellow)

01-01-97 RENUM. F-8.03, NEW REVISION BOX

O8-02 ADD CROSSWALK DMNS, WITH T.S.

10-97 CORRECT BI DIRECTIONAL DIMENSION

02-07-97 ADD BI DIRECTIONAL DIMENSION

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.
- 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 minimum of two (2) arrow pairs is required. The maximum spacing between arrow pairs
 - is 200' (61 m). Arrow pairs shall be evenly spaced if three (3) or more are required.

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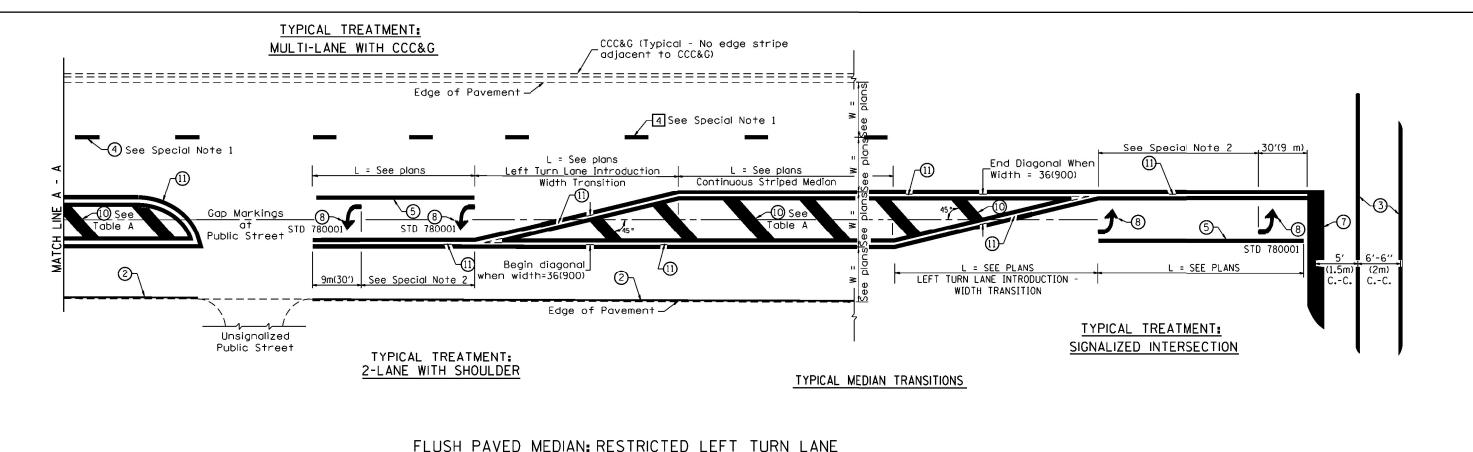
The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

- 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)

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

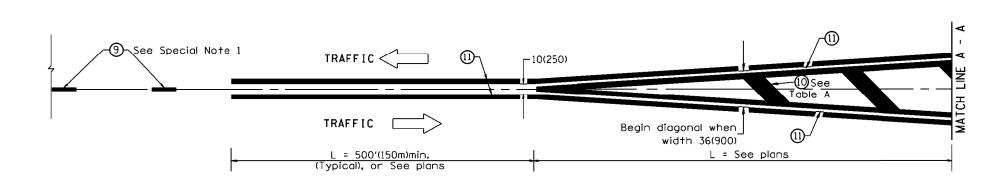
SECTION COUNTY 150 [(11, 12, 13)1-2;14-1-3)PP PEORIA 23 22 SHT. 1 OF 2 CONTI CONTRACT NO. 68G18



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)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

			F.A. SECTION COUNTY TOTAL SHEETS NO.
	STATE OF ILLINOIS	TYPICAL PAVEMENT MARKING	150 [(1], 12, 13)[-2;14-1-3]PP PEORIA 23 23
	DEPARTMENT OF TRANSPORTATION		SHT. 2 OF 2 CONTRACT NO. 68G18
		NOT TO SCALE	CADD STD. 780001-D4 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT