

PROJECT ENGINEER: MAUREEN ADDIS
(309)671-3454

DESIGNER: RAY SAMARA
(309)671-3473

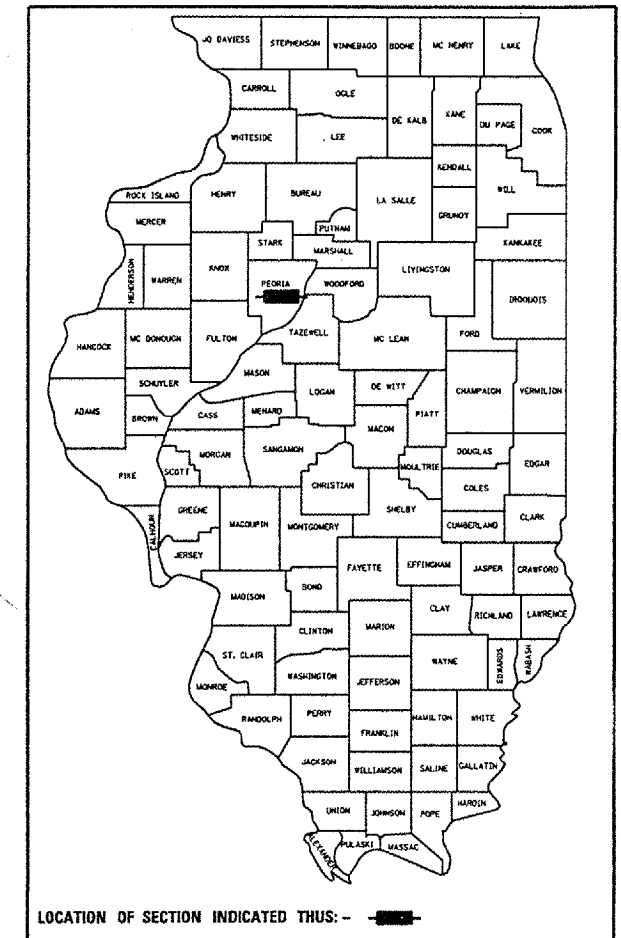
INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES, COMMITMENTS, SIGNATURES
- 3. SUMMARY OF QUANTITIES
- 4. SCHEDULE OF QUANTITIES
- 5-11 PAVEMENT MARKING DETAILS
- 12. LINE DIAGRAM
- 13-14. CADD STANDARD 780001

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

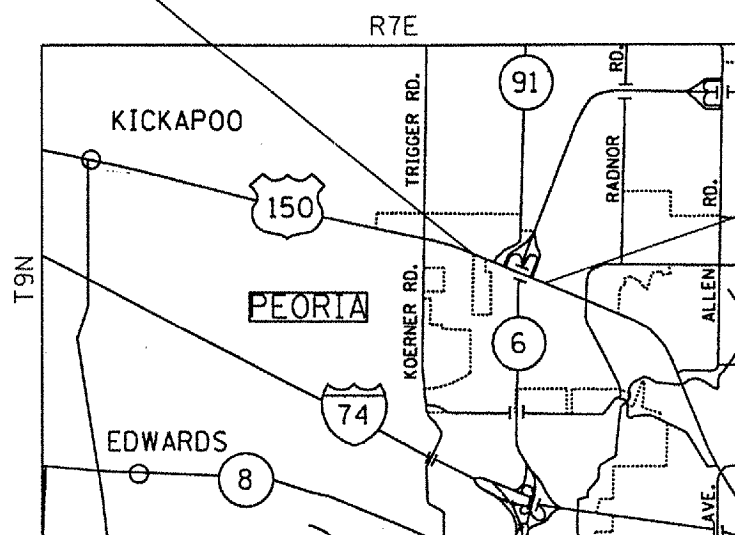
FAP 317 ROUTE U.S. 150

SECTION D4 PAVT MARKING 2007
PEORIA COUNTY
C-94-175-06



PROJECT BEGINS
STA. 33+010 (METRIC)

PROJECT ENDS
STA. 34+990 (METRIC)



STANDARDS

- 701426-02
- 701601-04
- 701701-04
- 702001-06

US 150

- ADT = 18,800 (2005)
- MU = 5%
- SU = 6.5%

DESCRIPTION OF PROJECT:

PLACEMENT OF PREFORMED PAVEMENT
MARKING ON US 150 IN PEORIA COUNTY

CONTRACT NO. 68642
CATALOG NO. 033383-00D

GROSS LENGTH = 6496 FT. (1.2 MI.)
NET LENGTH = 6496 FT. (1.2 MI.)

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

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	2

D-94-111-06
CONTRACT NO. 68642

COMMITMENTS

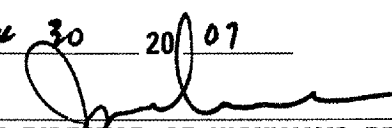
NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

PROJECT SPECIFIC NOTES

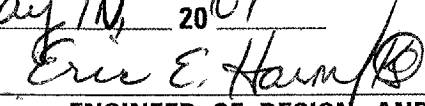
BECAUSE THE EXISTING STAMPED PAVEMENT STATIONS ARE IN METRIC, ALL PROPOSED PAVEMENT MARKING LOCATIONS ARE REFERENCED IN METRIC STATIONS.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

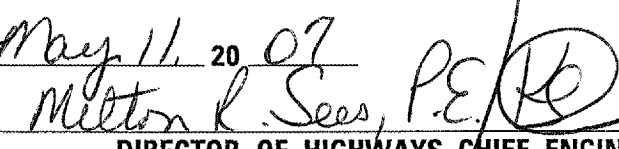
SUBMITTED March 30 2007


DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 2007


Interim ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2007


DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION
**GENERAL NOTES,
COMMITMENTS &
SIGNATURE BLOCK**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	3

D-94-111-06
CONTRACT NO. 68642

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOT. QTY.	URBAN
				PEORIA CO.
				US 150
				100% STATE
				1000
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
78003100	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LETTERS AND SYMBOLS	SQ FT	1556	1556
78003110	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 4"	FOOT	22540	22540
78003130	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 6"	FOOT	4145	4145
78003140	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 8"	FOOT	11857	11857
78003150	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 12"	FOOT	2438	2438
78003180	PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 24"	FOOT	958	958
X0325746	COMPLETE LINE & SURFACE REMOVAL	SQ FT	26922	26922

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY OF
QUANTITIES**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	4

D-94-111-06
CONTRACT NO. 68642

PERFORMED PLASTIC PAVEMENT MARKING SCHEDULE									
LOCATION	SOLID WHITE 4"	SOLID YELLOW 4"	SKIP WHITE 6"	SKIP WHITE 8"	SOLID WHITE 8"	SOLID WHITE 12"	SOLID YELLOW 12"	SOLID WHITE 24"	LETTERS & SYMBOLS
	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	SQ. FT.
STA. 33+010-34+990 (METRIC)	11998	10542	4145	935	10922	1552	886	958	1556
TOTAL	22540		4145	11857		2438		958	1556

TRAFFIC CONTROL AND PROTECTION STANDARD 701426	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701701	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

COMPLETE LINE & SURFACE REMOVAL	
LOCATION	SQ. FT.
STA. 33+010-34+990 (METRIC)	26922
TOTAL	26922

TRAFFIC CONTROL AND PROTECTION STANDARD 701601	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

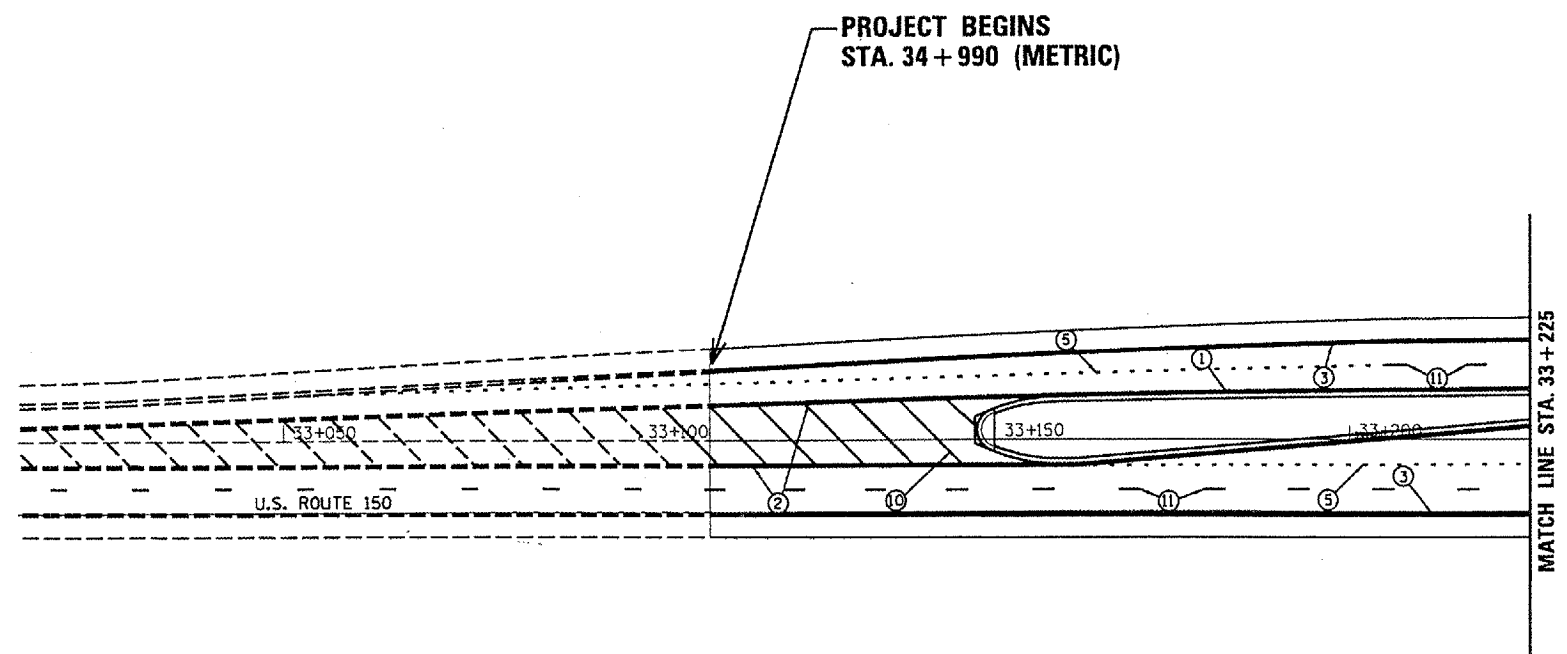
MOBILIZATION	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF
QUANTITIES**

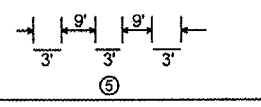
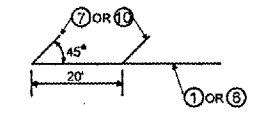
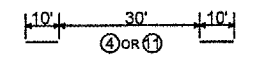
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	5

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

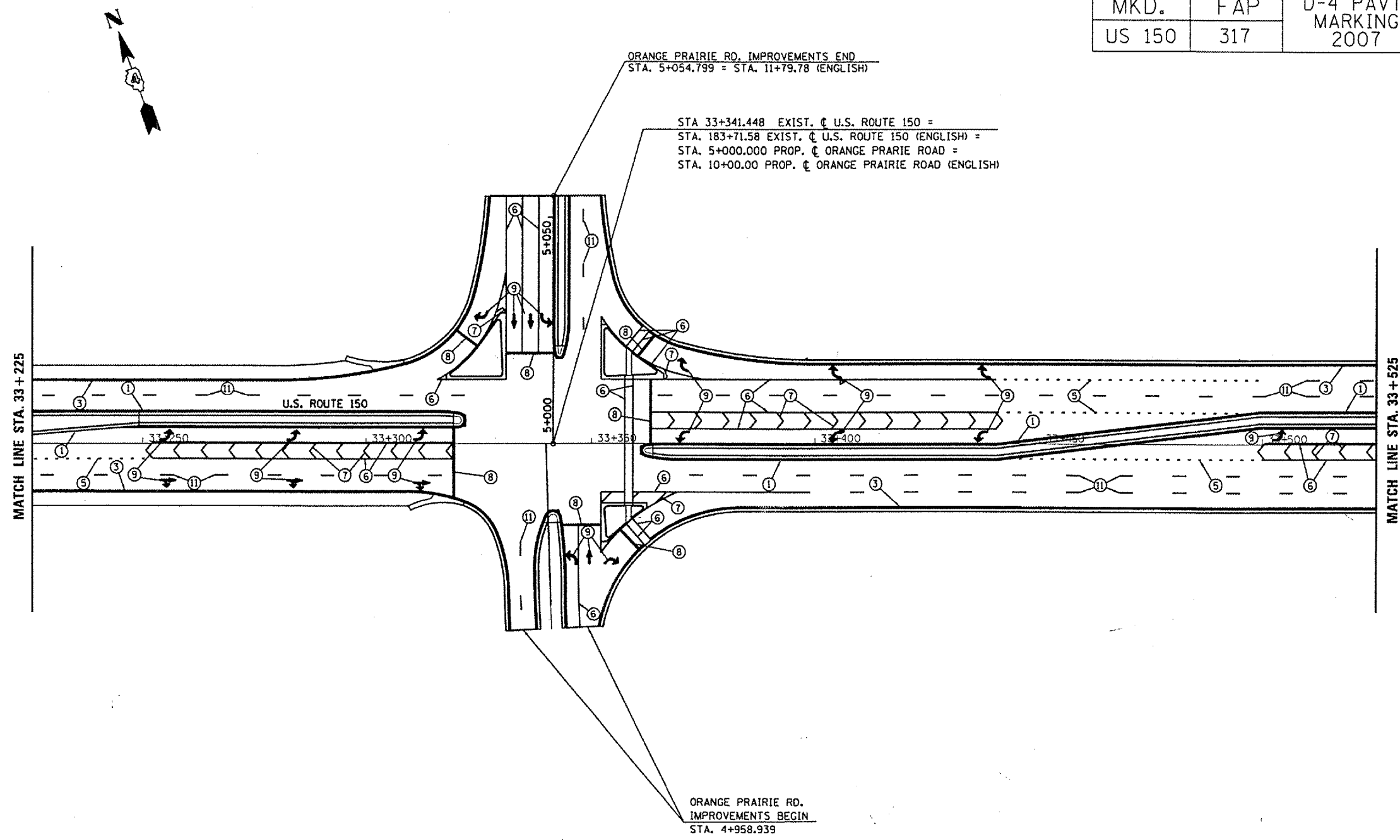
- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAIL

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	6

D-94-111-06
CONTRACT NO. 68642



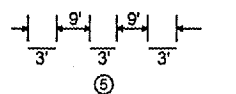
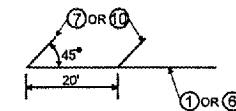
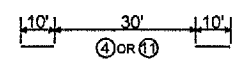
ORANGE PRAIRIE RD. IMPROVEMENTS END
STA. 5+054.799 = STA. 11+79.78 (ENGLISH)

STA 33+341.448 EXIST. C U.S. ROUTE 150 =
STA. 183+71.58 EXIST. C U.S. ROUTE 150 (ENGLISH) =
STA. 5+000.000 PROP. C ORANGE PRAIRIE ROAD =
STA. 10+00.00 PROP. C ORANGE PRAIRIE ROAD (ENGLISH)

ORANGE PRAIRIE RD.
IMPROVEMENTS BEGIN
STA. 4+958.939

PAVEMENT MARKING LEGEND

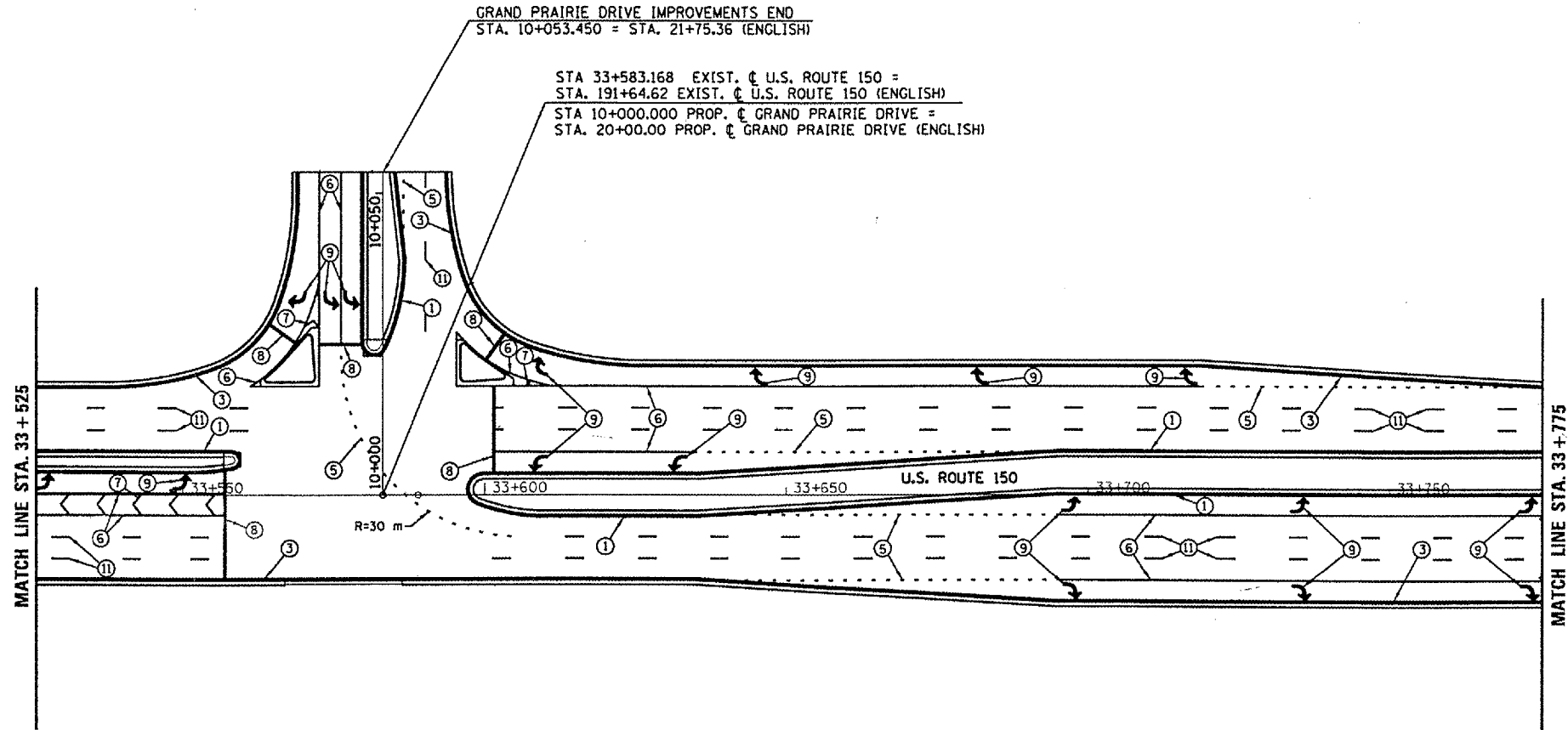
- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAIL

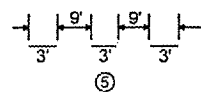
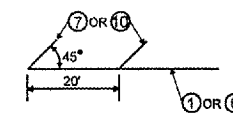
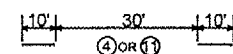
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	7

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH

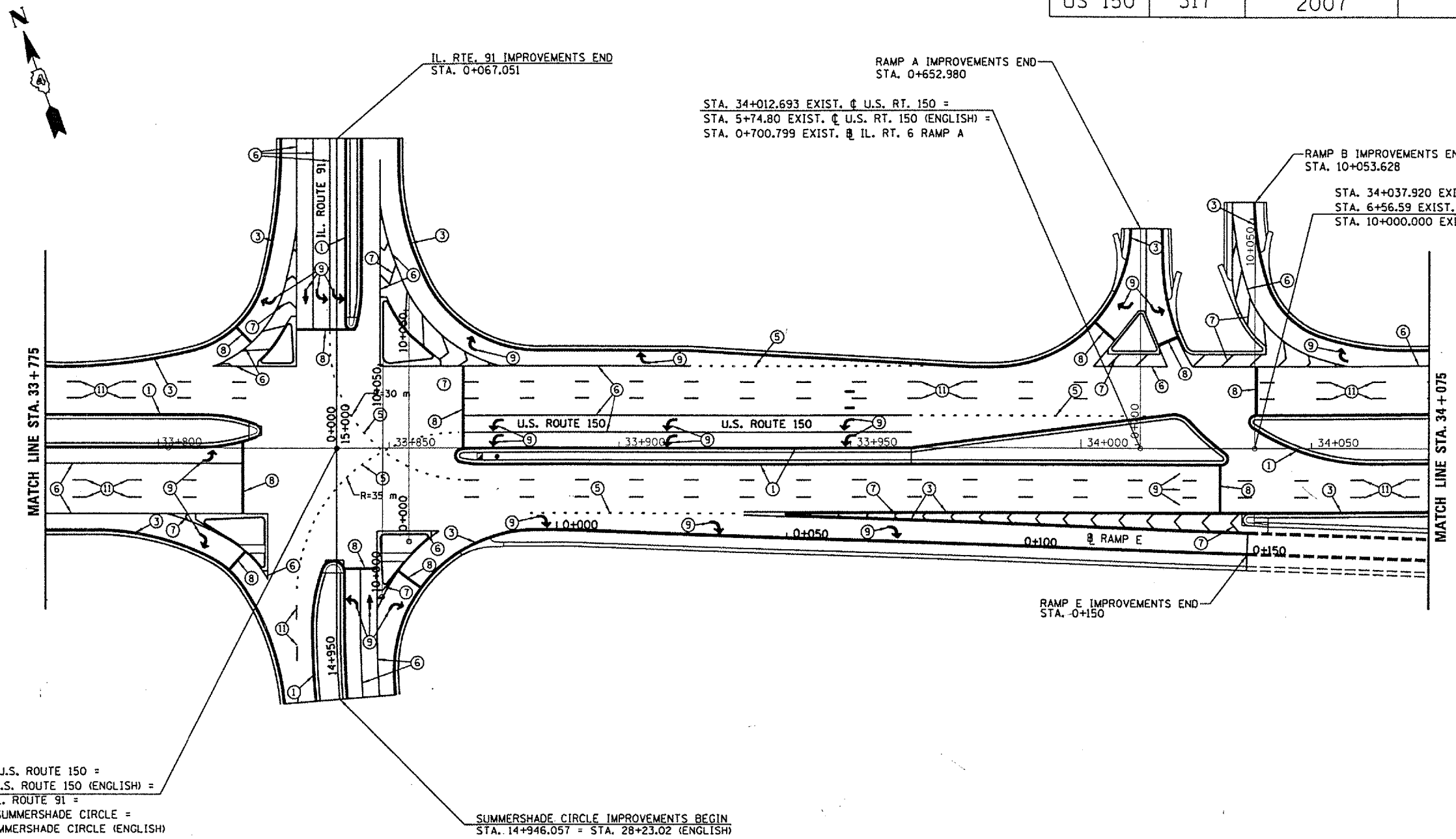


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	8

D-94-111-06
CONTRACT NO. 68642



STA. 33+838.694 EXIST. @ U.S. ROUTE 150 =
 STA. 200+02.96 EXIST. @ U.S. ROUTE 150 (ENGLISH) =
 STA. 0+000.000 PROP. @ IL. ROUTE 91 =
 STA. 15+000.000 PROP. @ SUMMERSHADE CIRCLE =
 STA. 30+00.00 PROP. @ SUMMERSHADE CIRCLE (ENGLISH)

SUMMERSHADE CIRCLE IMPROVEMENTS BEGIN
 STA. 14+946.057 = STA. 28+23.02 (ENGLISH)

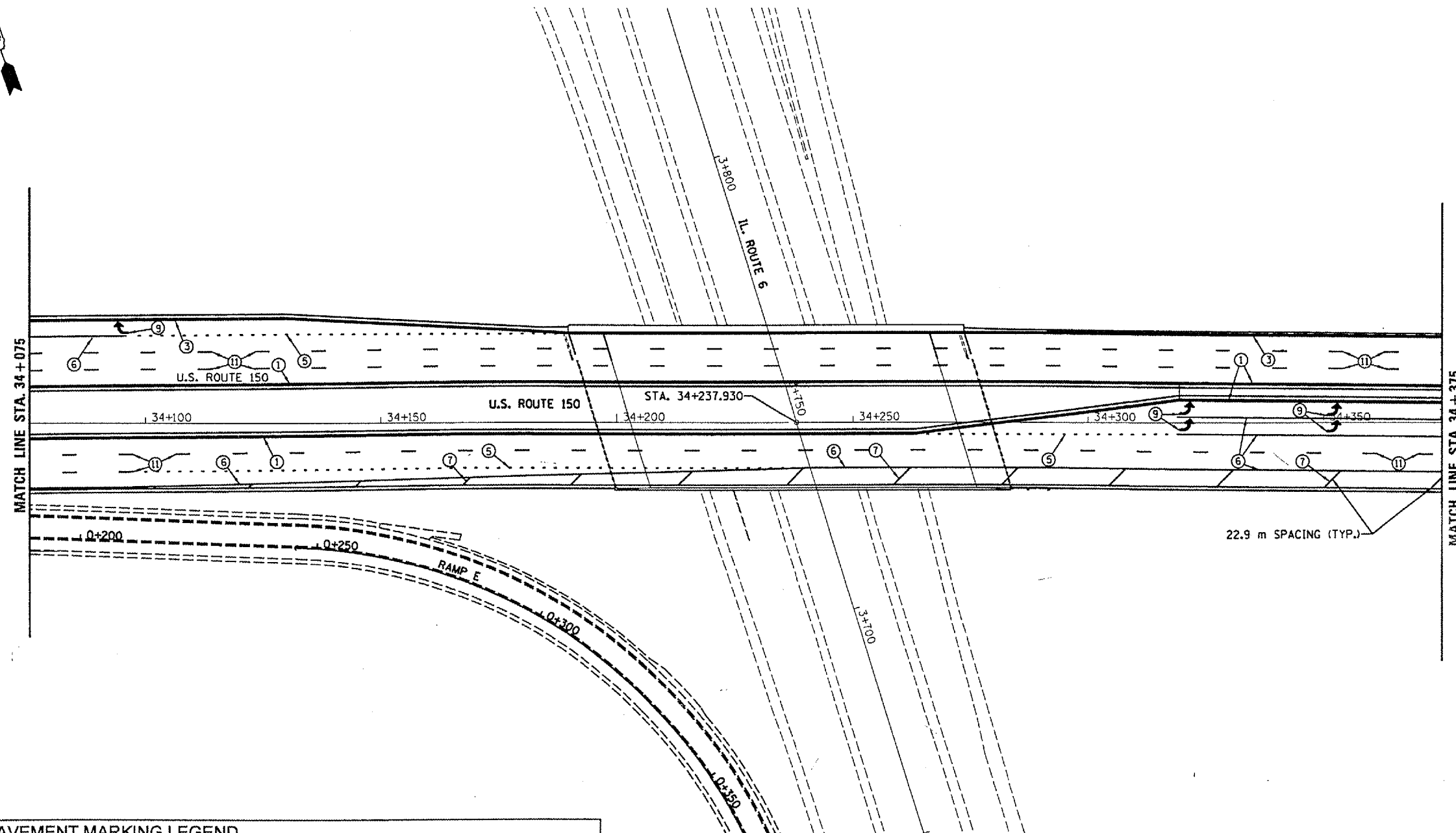
PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAIL

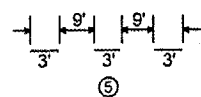
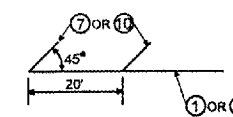
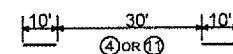
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	9

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH

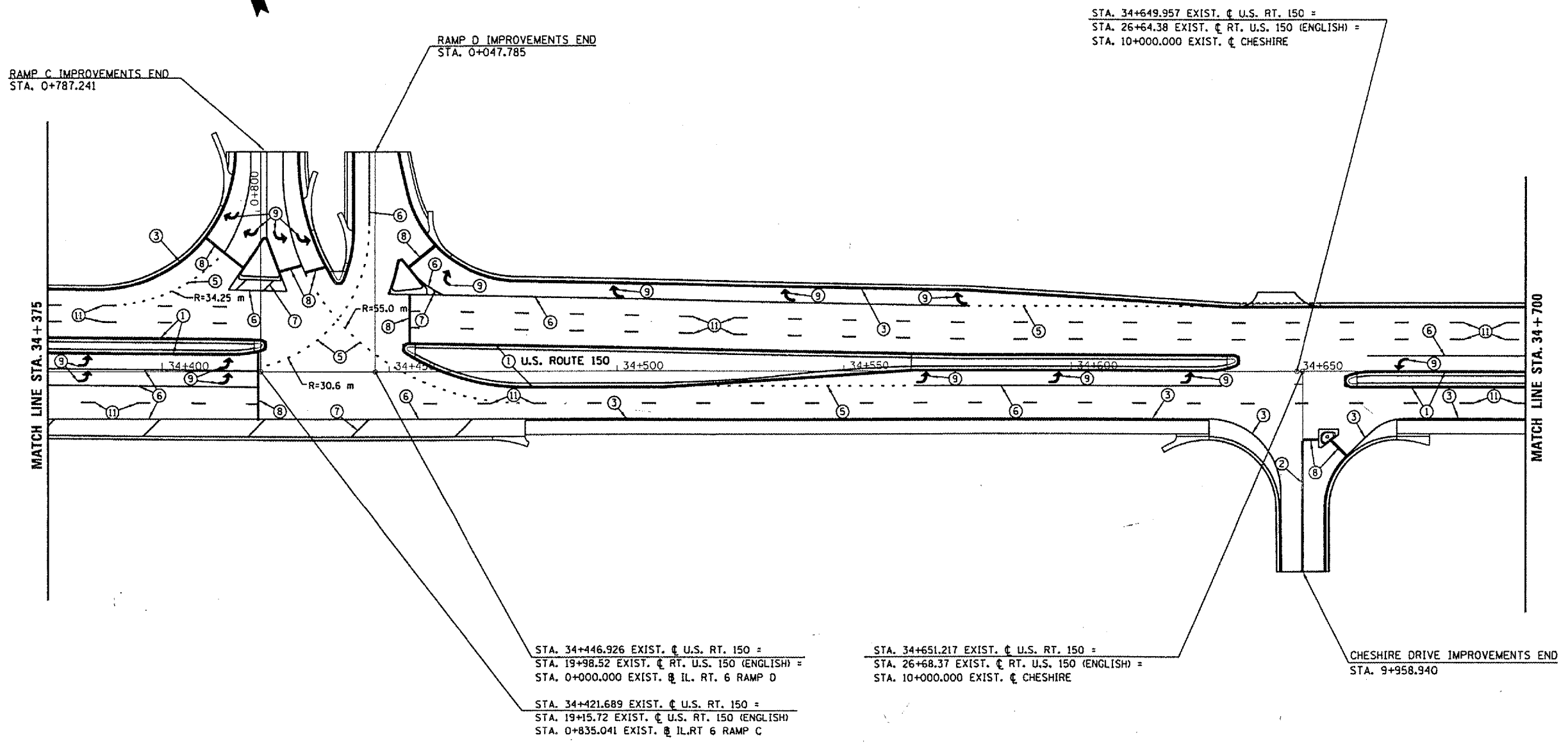


ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
DETAIL

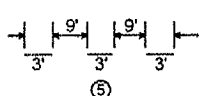
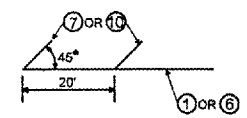
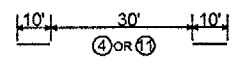
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	10

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

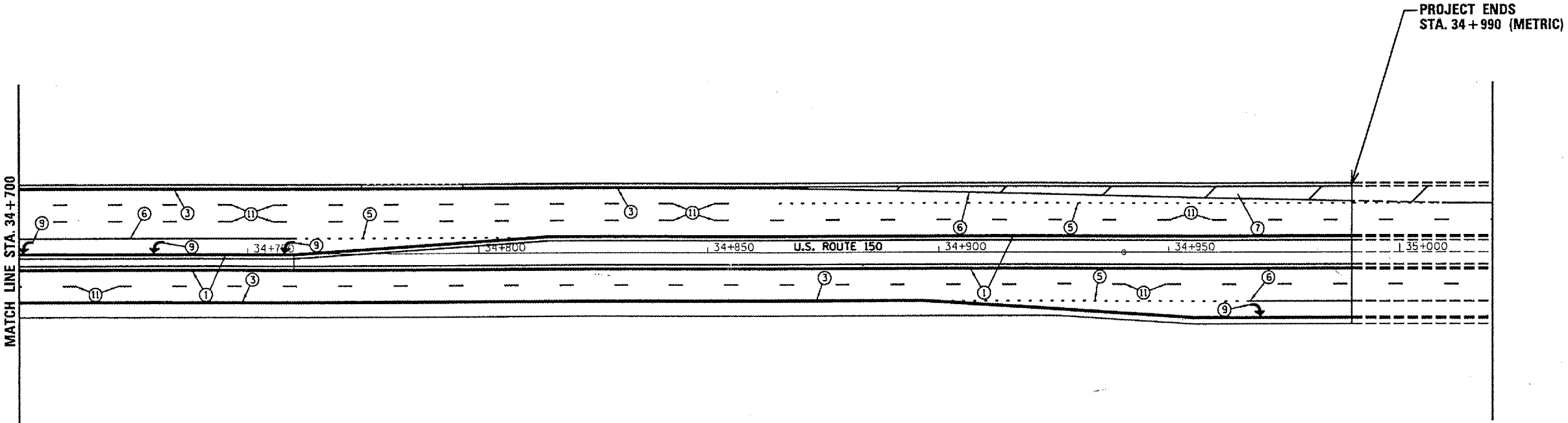
- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAIL

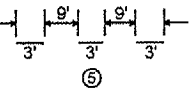
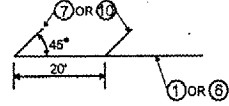
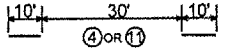
ROUTE		SECTION D-4 PAVT. MARKING 2007	COUNTY PEORIA	SHEET	
MKD.	FAP			TOTAL	NO.
US 150	317		14	11	

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- ② PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID (DOUBLE LINE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- ④ PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SKIP DASH
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SKIP DASH
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING - LINE 24" WHITE SOLID (STOP BAR)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING - LINE 6" WHITE SKIP DASH

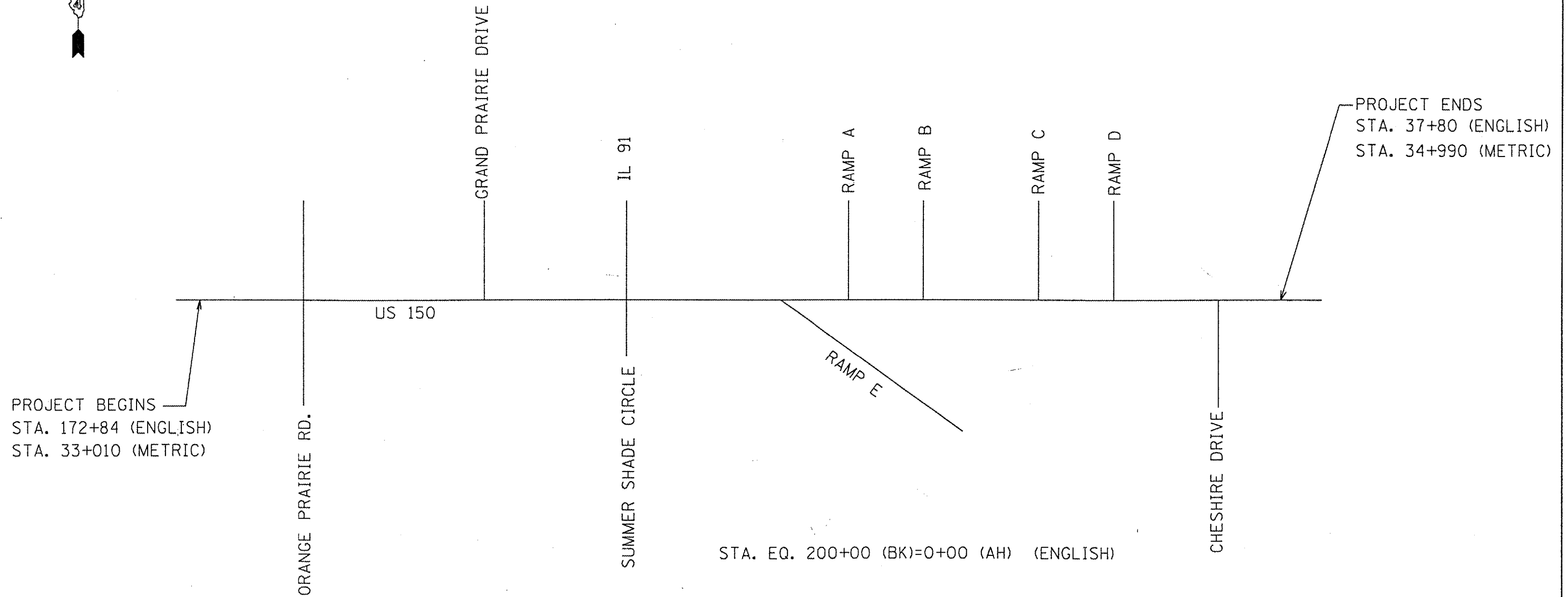


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	12

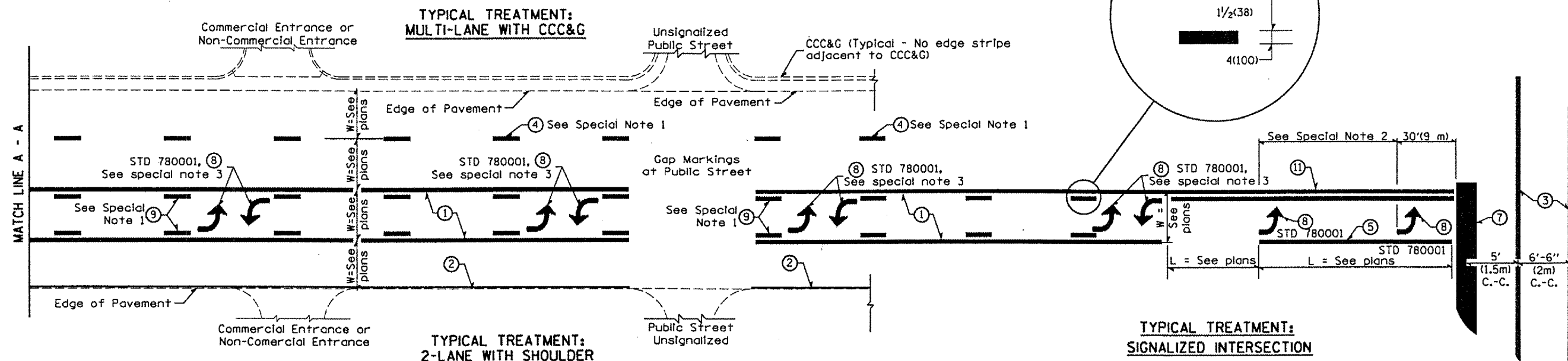
D-94-111-06
CONTRACT NO. 68642



ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING	PEORIA	TOTAL	NO.
US 150	317	2007		14	13

D-94-111-06 CONTRACT NO. 68642



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 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'-6" (2m)min C.-C. (White) (When traffic signs 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) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- The following shall apply to arrows located in one-way left turn lanes:
 - A minimum of two (2) arrows is required.
 - The maximum spacing between arrows is 80' (24 m).
 - Arrows shall be evenly spaced if three (3) or more are required.
- 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.
 - 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.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

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 DIMNS. WITH T.S. M.A.
 10-16-06 REVISED TO 2007 SPEC. M.A.

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

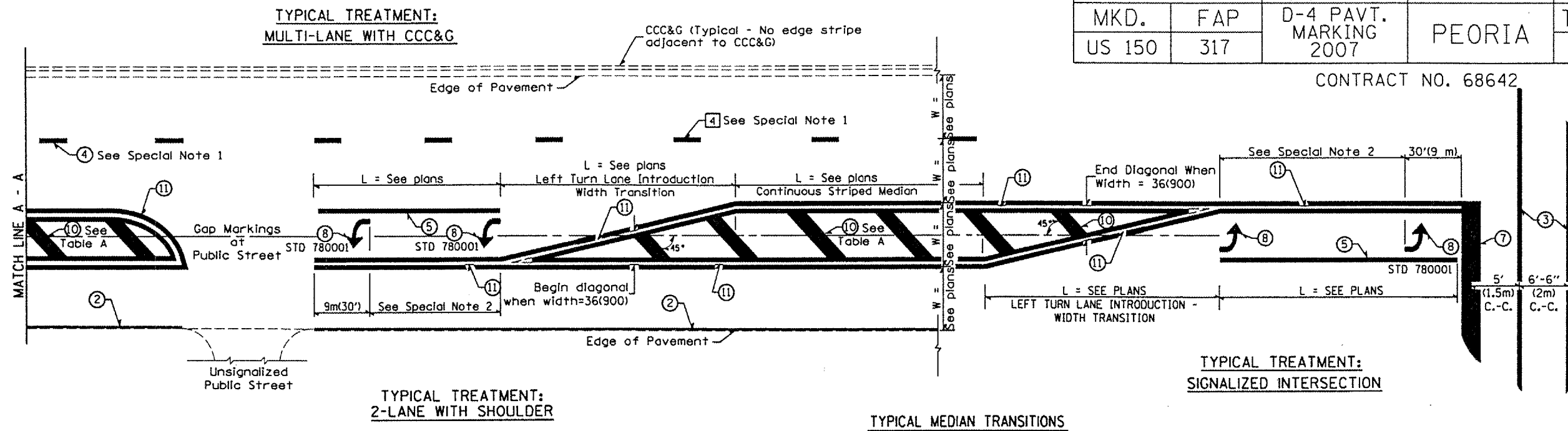
780001-D4 (1)

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

\$DATE\$\$

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			14	14

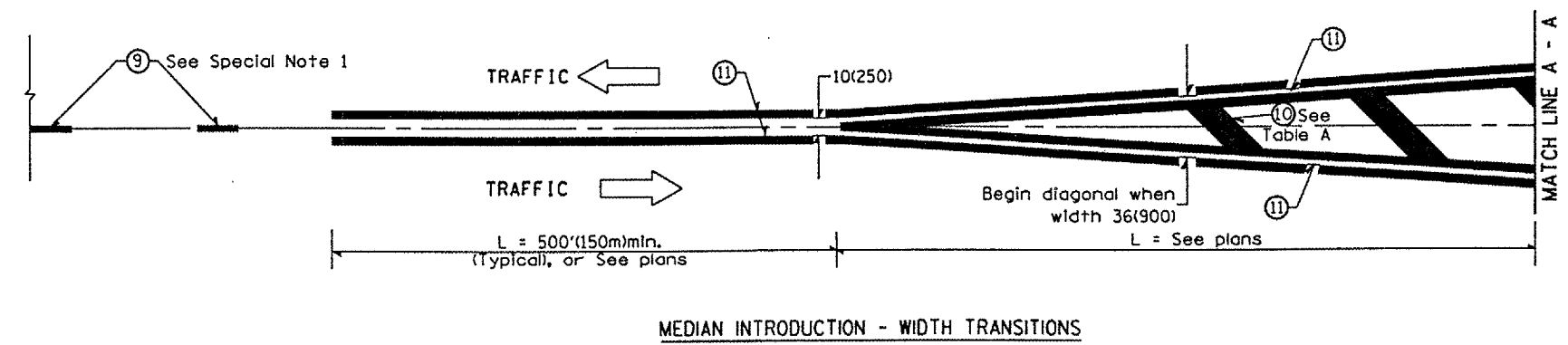
CONTRACT NO. 68642 D-94-111-06



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

TYPICAL PAVEMENT MARKINGS

CADD STANDARD 780001-D4 SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

780001-D4 (2)

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

DCN-ONLY