

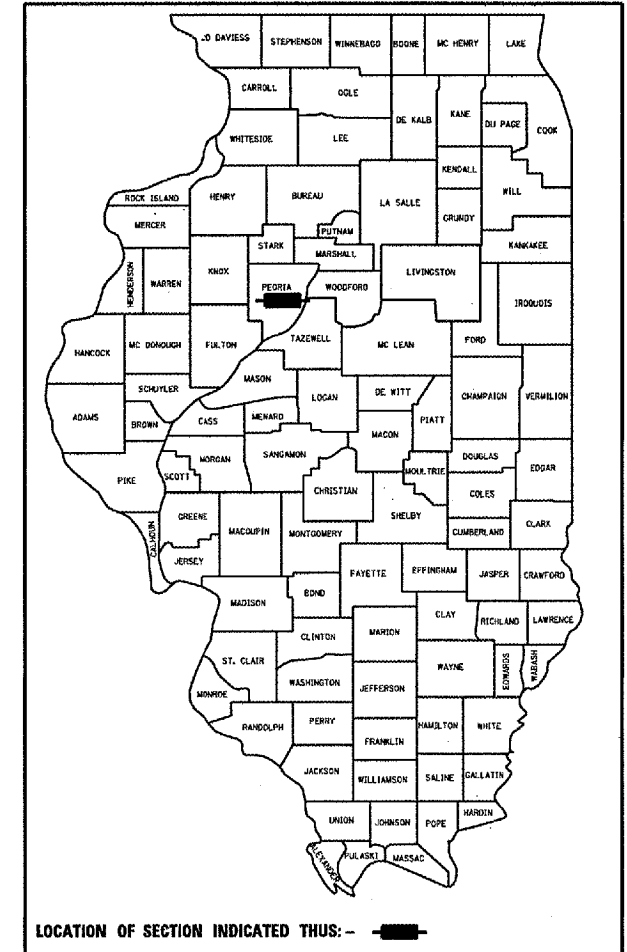
PROJECT ENGINEER: MAUREEN ADDIS
(309)671-3454

DESIGNER: RAY SAMARA
(309)671-3473

INDEX OF SHEETS

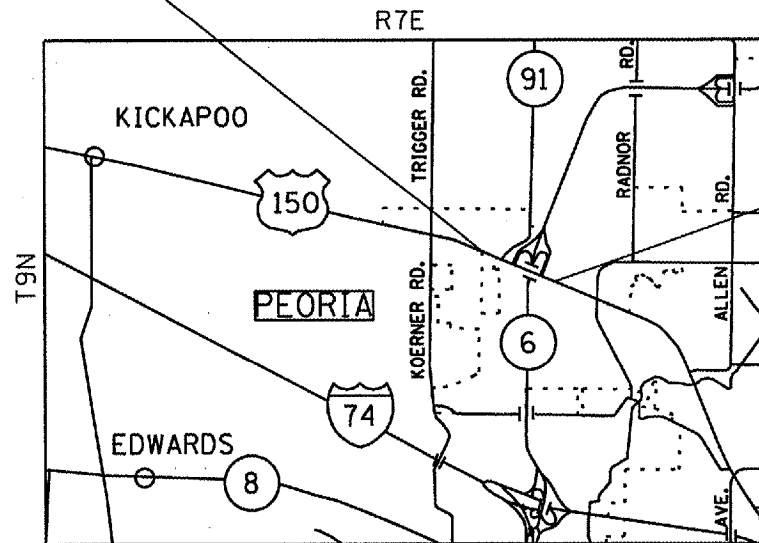
- 1. COVER SHEET
- 2. SIGNATURE SHEET/COMMITMENTS
- 3. GENERAL NOTES
- 4. SUMMARY OF QUANTITIES
- 5. SCHEDULE OF QUANTITIES
- 6-12. PAVEMENT MARKING DETAILS
- 13. LINE DIAGRAM
- 14-15. CADD STANDARD 780001

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 GROOVED-IN TAPE PAVEMENT
 MARKING ON US 150 IN PEORIA COUNTY

SEE SHEET TWO FOR SIGNATURES

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			15	2

D-94-111-06
CONTRACT NO. 68642

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

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

SUBMITTED Aug 16, 20 06

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 13, 20 06

[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 20 06

[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION
**COMMITMENTS
&
SIGNATURE BLOCK**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	3

D-94-111-06
CONTRACT NO. 68642

PROJECT SPECIFIC NOTE:

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL
NOTES**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	4

D-94-111-06
CONTRACT NO. 68642

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				URBAN
				PEORIA CO.
				US 150
				100% STATE
CODE NO.	ITEM	UNIT	TOT. QTY.	SFTY-ID
67100100	MOBILIZATION	L SUM	1	1
70100330	TRAFFIC CONTROL AND PROTECTION STANDARD 701426	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	1560	1560
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	11887	11887
78003150	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 12"	FOOT	2438	2438
78003180	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 24"	FOOT	958	958
X0325605	PAVEMENT MARKING GROOVING	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			15	5

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	965	10922	1552	886	958	1560
TOTAL	22540		4145	11887		2438		958	1560

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

PAVEMENT MARKING GROOVING	
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

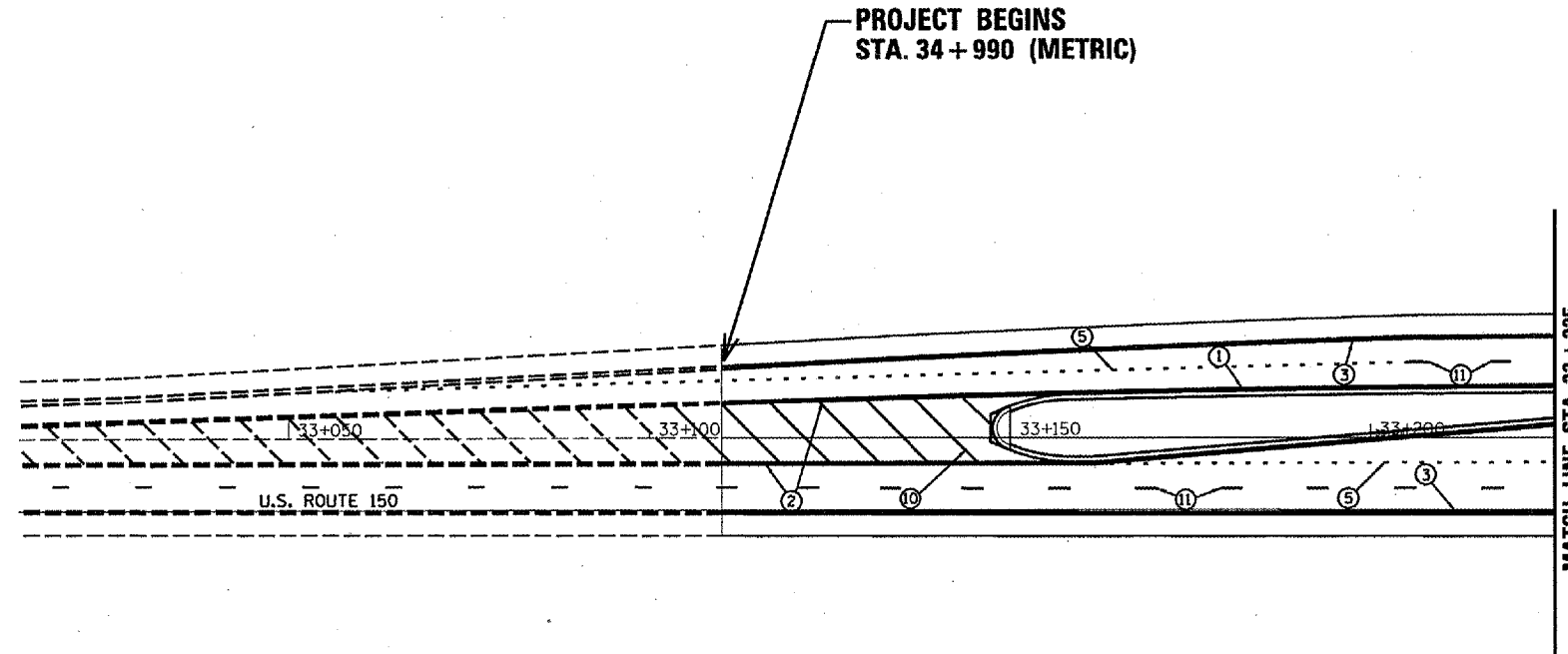
MOBILIZATION	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF
QUANTITIES**

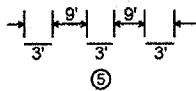
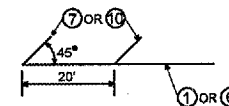
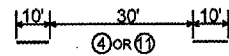
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	6

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
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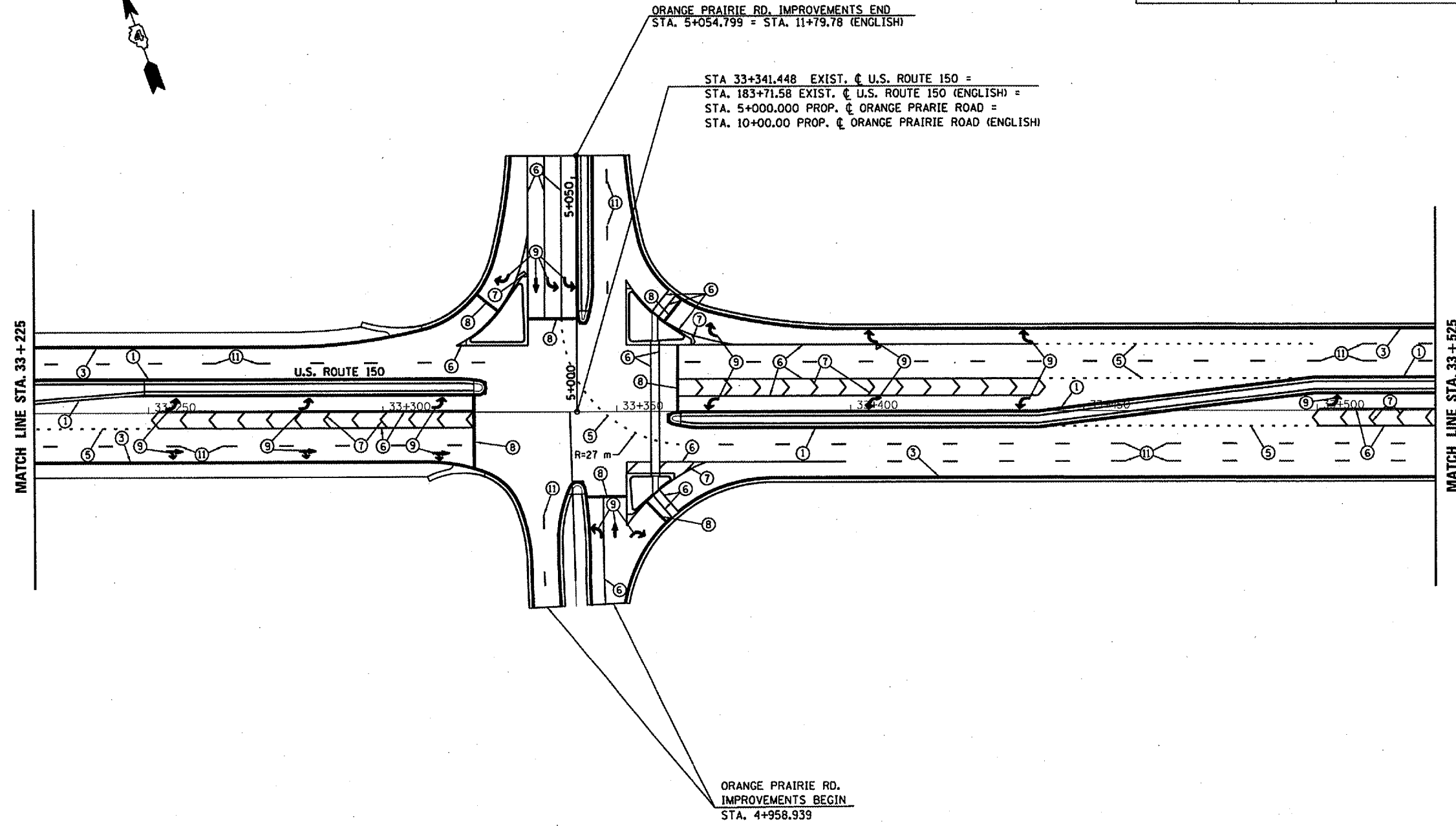


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

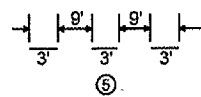
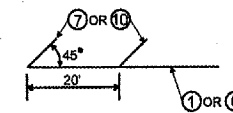
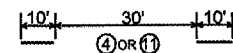
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	7

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
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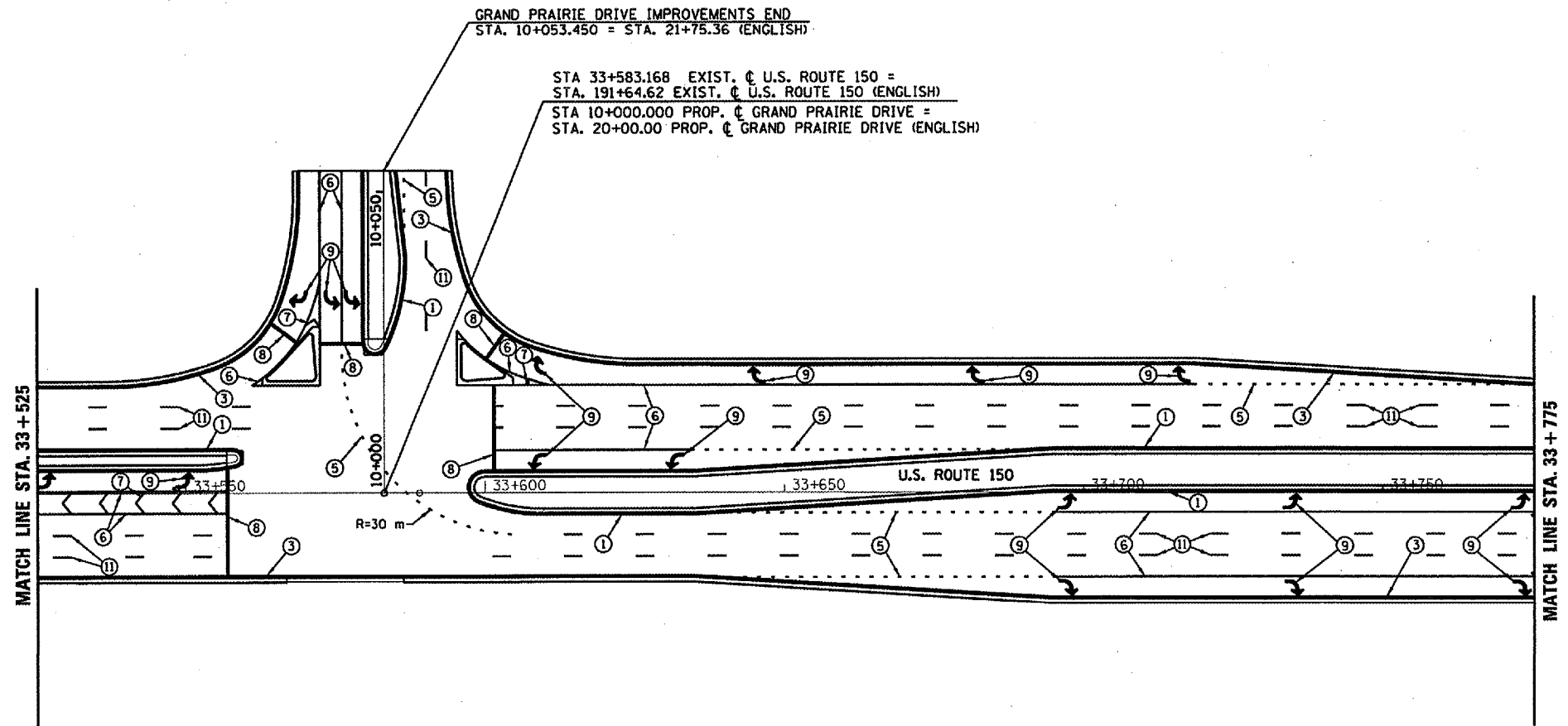


ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

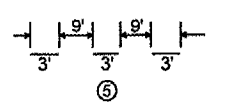
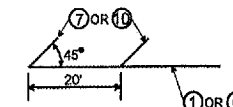
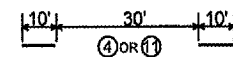
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	8

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

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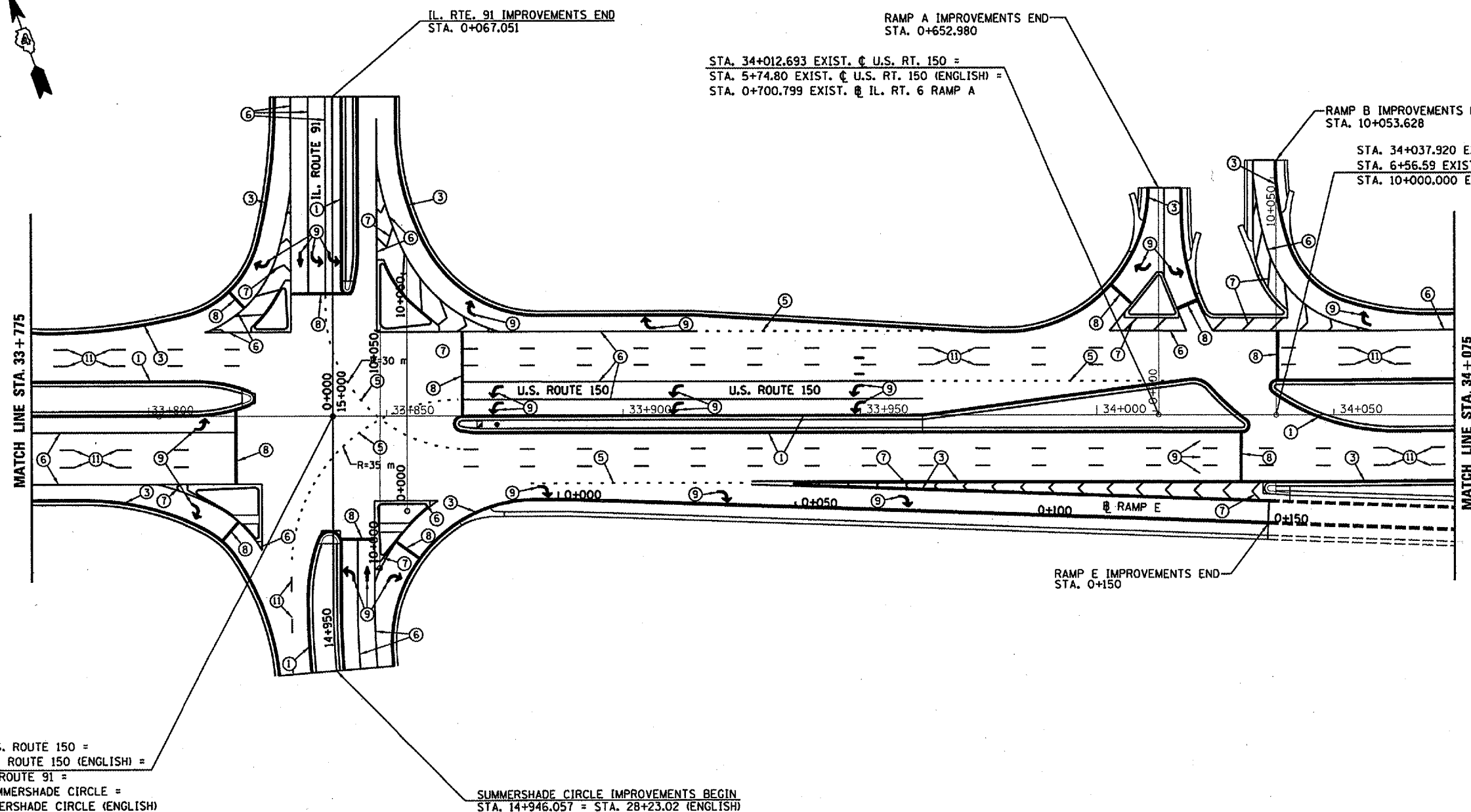


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	9

D-94-111-06
CONTRACT NO. 68642

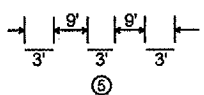
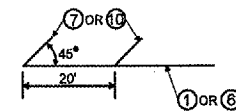
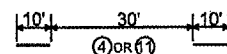


STA. 33+838.694 EXIST. @ U.S. ROUTE 150 =
 STA. 200+02.96 EXIST. @ U.S. ROUTE 150 (ENGLISH) =
 STA. 0+000.000 PROP. @ IL. ROUTE 91 =
 STA. 15+000.000 PROP. @ SUMMERSHADE CIRCLE =
 STA. 30+00.00 PROP. @ SUMMERSHADE CIRCLE (ENGLISH)

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)
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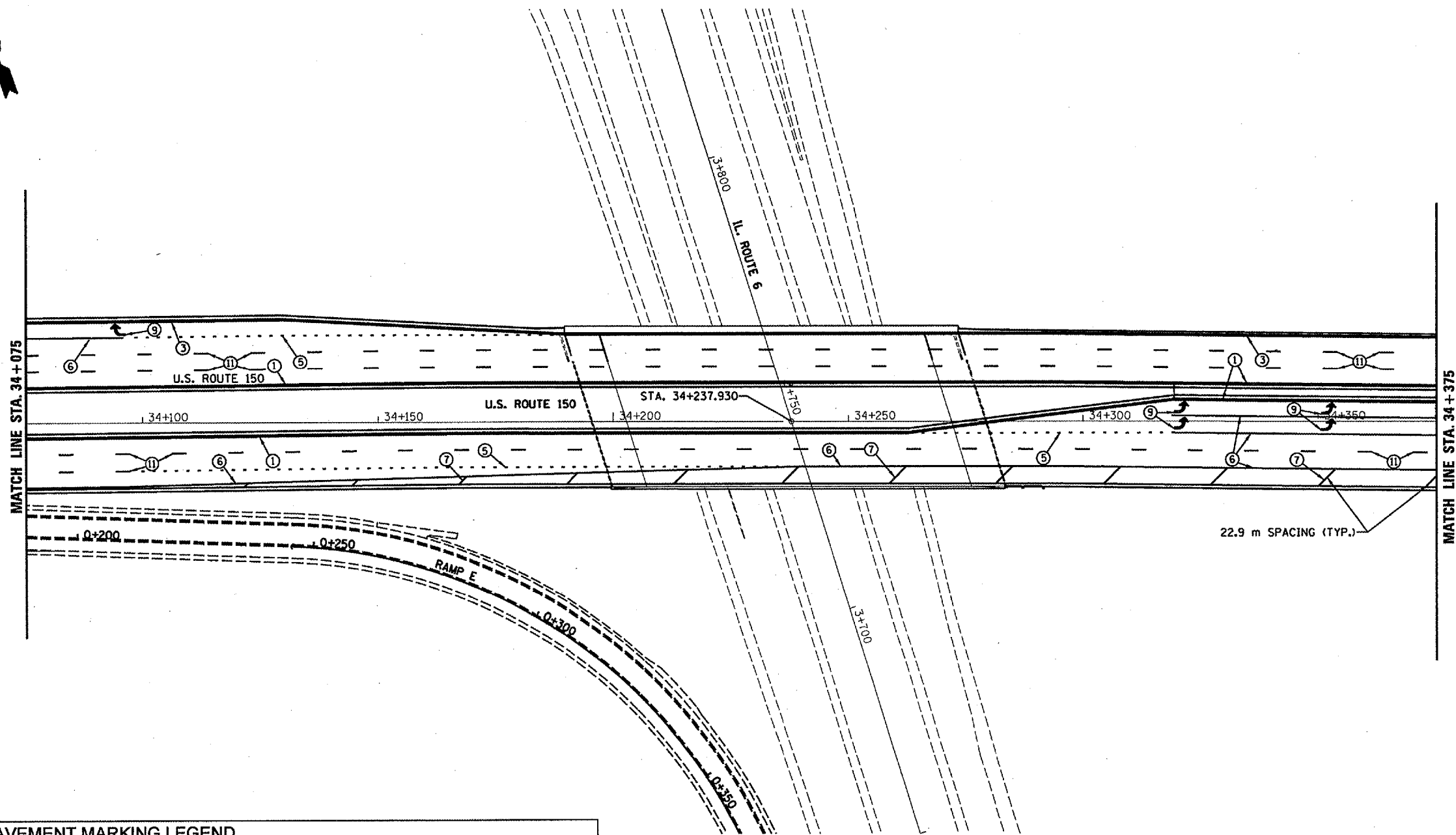


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

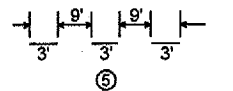
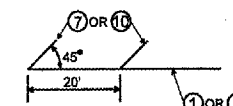
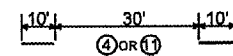
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MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	10

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

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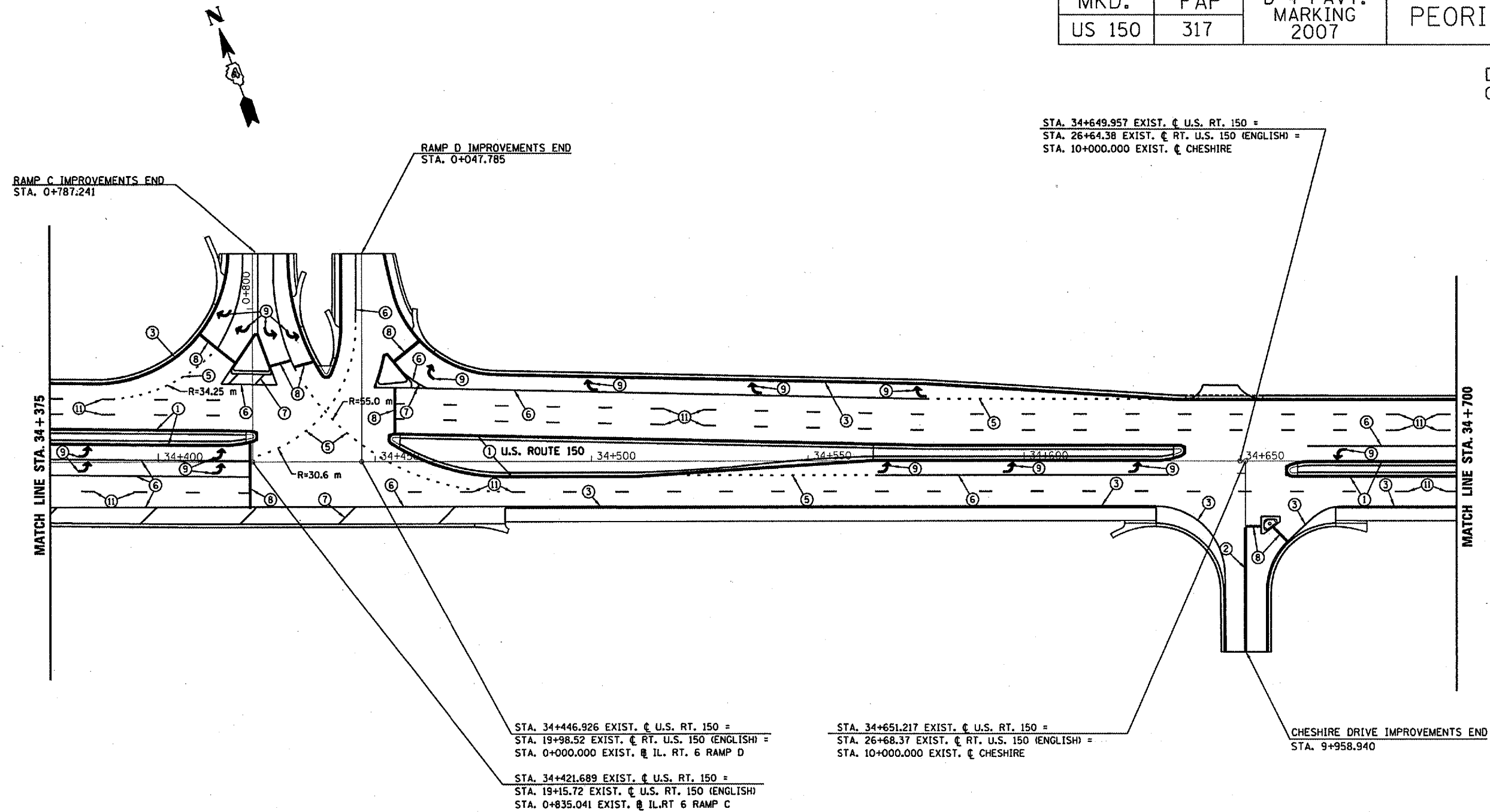


ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	11

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CONTRACT NO. 68642



STA. 34+649.957 EXIST. C U.S. RT. 150 =
STA. 26+64.38 EXIST. C RT. U.S. 150 (ENGLISH) =
STA. 10+000.000 EXIST. C CHESHIRE

STA. 34+446.926 EXIST. C U.S. RT. 150 =
STA. 19+98.52 EXIST. C RT. U.S. 150 (ENGLISH) =
STA. 0+000.000 EXIST. C IL. RT. 6 RAMP D

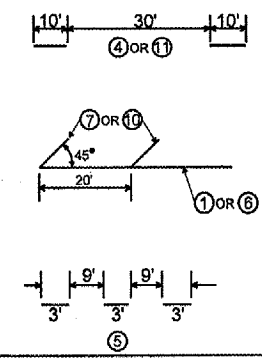
STA. 34+421.689 EXIST. C U.S. RT. 150 =
STA. 19+15.72 EXIST. C U.S. RT. 150 (ENGLISH) =
STA. 0+835.041 EXIST. C IL. RT. 6 RAMP C

STA. 34+651.217 EXIST. C U.S. RT. 150 =
STA. 26+68.37 EXIST. C RT. U.S. 150 (ENGLISH) =
STA. 10+000.000 EXIST. C CHESHIRE

CHESHIRE DRIVE IMPROVEMENTS END
STA. 9+958.940

PAVEMENT MARKING LEGEND

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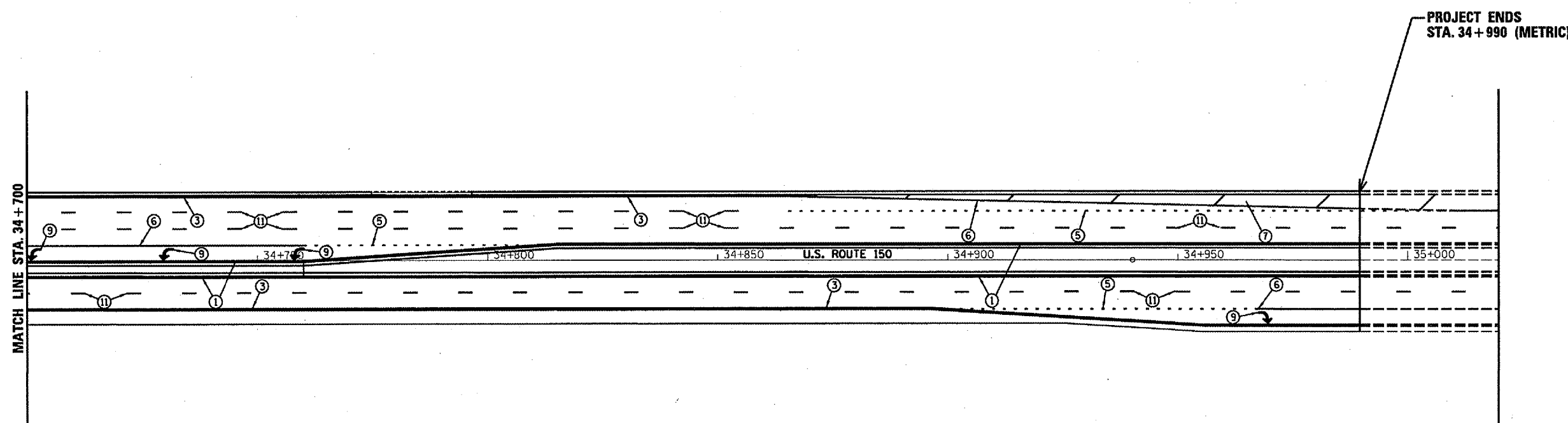


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING
DETAIL**

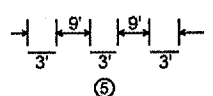
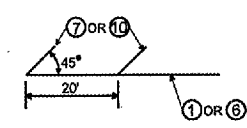
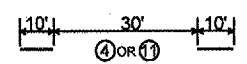
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	12

D-94-111-06
CONTRACT NO. 68642



PAVEMENT MARKING LEGEND

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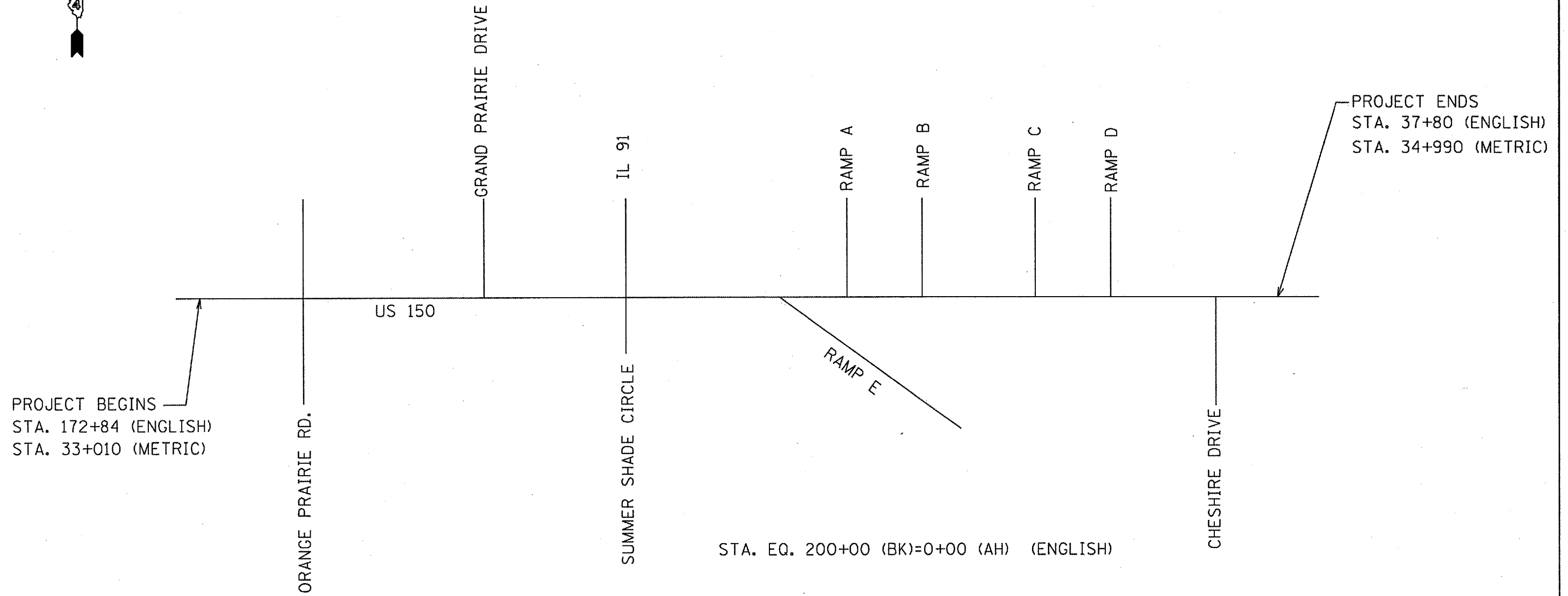


ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT
MARKING
DETAIL**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	13

D-94-111-06
CONTRACT NO. 68642

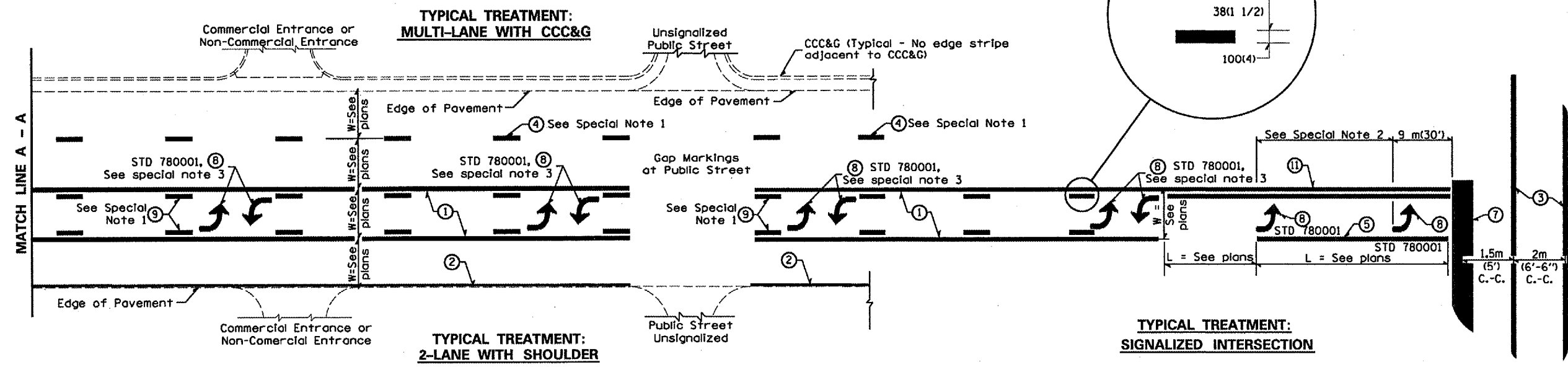


ILLINOIS DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING 2007	PEORIA	TOTAL	NO.
US 150	317			15	14

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.)

- ① 100(4) Solid (Yellow)
- ② 100(4) Solid (White)
- ③ 2-150(6) Crosswalk @ 2 m (6'-6") min C.-C. (White)
- 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) 45°
- ⑪ 100(4) Double Solid (Yellow) 280(11) C.-C. 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').

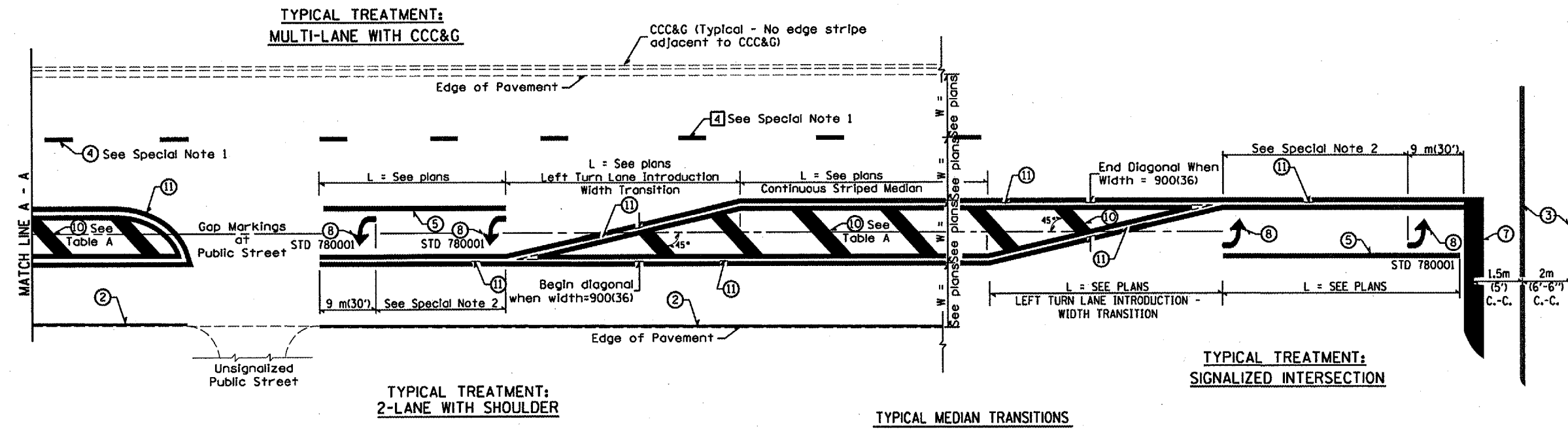
GENERAL NOTES

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.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
TYPICAL PAVEMENT MARKINGS
CADD STANDARD NO. 780001-D4 DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE CHECKED BY

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	D-4 PAVT. MARKING	PEORIA	TOTAL	NO.
US 150	317	2007		15	15

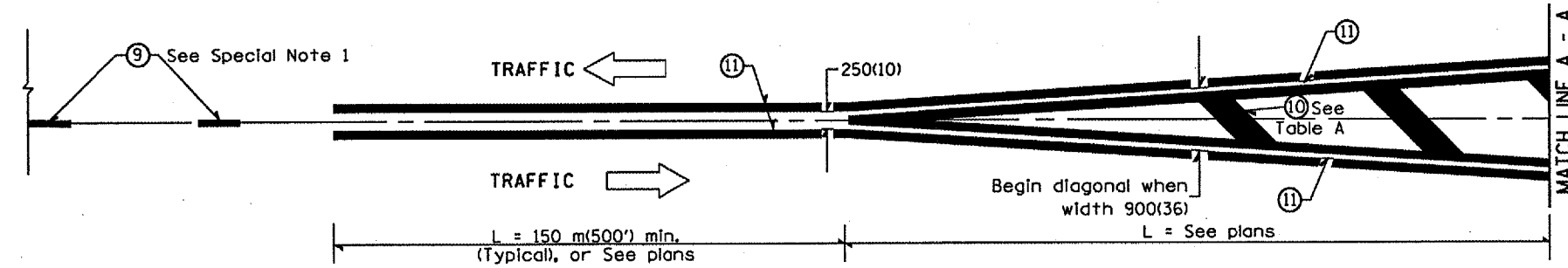
D-94-111-06
CONTRACT NO. 68642



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)	15 m (50')	5 m (15')
50 - 70 km/h (30 - 45 mph)	23 m (75')	6 m (20')
Over 70 km/h (45 mph)	46 m (150')	9 m (30')



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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TYPICAL PAVEMENT MARKINGS
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