

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693		TAZEWELL	54	1
		ILLINOIS	CONTRACT NO. 68892	
• (10,15)RS-5,9RS,13RS-2,15RS-4				

FOR INDEX OF SHEETS, SEE SHEET 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

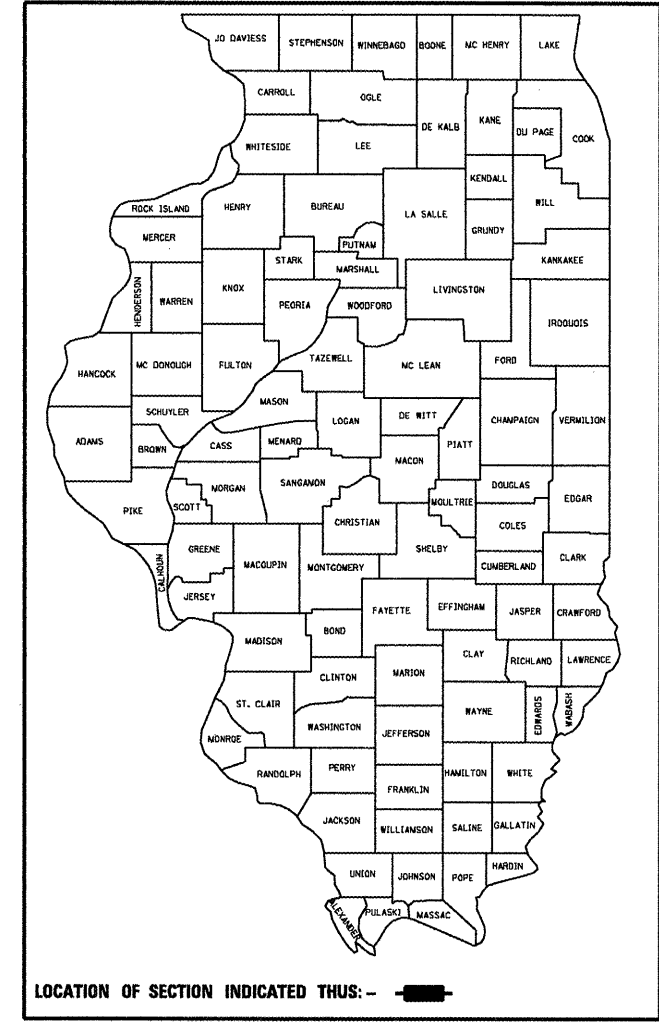
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.P. 669/693 (IL 29/L 9)  
SECTION (10,15)RS-5,9RS,13RS-2,15RS-4  
TAZEWELL COUNTY

C-94-084-09

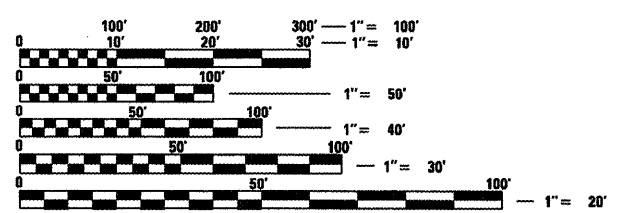
D-94-058-09



**HIGHWAY STANDARDS**

442101-07	701901-01
442201-03	780001-02
701426-03	781001-03
701601-06	873001-02
701602-04	886001-01
701701-06	886006-01
701801-04	701101-02

ADT = 21,500 (YEAR 2008)  
MU = 475  
SU = 900



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  
OR 811

PROJECT ENGINEER: Maureen Addis (309) 671-3454  
PROJECT MANAGER: Elias Elderzi (309) 671-3459

CONTRACT NO. 68892  
CATALOG NO. 034241-00D

IL 29 IMPROVEMENT  
BEGINS STA. 333+92

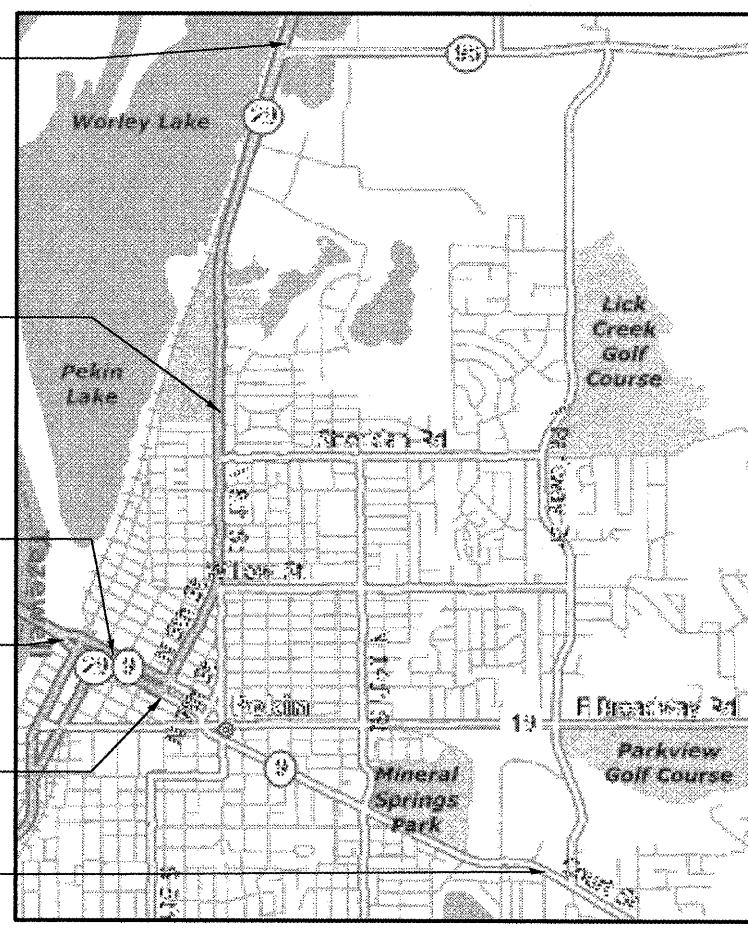
STA. EQ.  
STA. 409+02 (BK)  
= STA. 18+39.5 (AH)

IL 9 IMPROVEMENT  
BEGINS STA. 113+08  
(ANN ELIZA)

IL 9 IMPROVEMENT  
BEGINS STA. 112+91  
(MARGARET)

IL 29 IMPROVEMENT  
ENDS STA. 77+05

IL 9 IMPROVEMENT  
ENDS STA. 68+91



**PROJECT DESCRIPTION:**

This project consists of surface maintenance of IL 29 from IL 98 to IL 9 and IL 9 from IL 29 south to Audubon Drive in Pekin.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED April 20, 09

[Signature]  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 1, 09  
Charles J. Ingersoll  
ENGINEER OF DESIGN AND ENVIRONMENT

May 1, 2009  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GROSS LENGTH = 26,046.24 FT. = 4.933 MILE  
NET LENGTH = 25,966.24 FT. = 4.918 MILE

## INDEX OF SHEETS

- IL 29**
1. COVER SHEET
  - 2-3. INDEX OF SHEETS, COMMITMENTS, AND GENERAL NOTES
  - 4-6. SUMMARY OF QUANTITIES
  - 7-10. TYPICAL SECTIONS
  - 11-14. SCHEDULE OF QUANTITIES
  15. LINE DIAGRAM
  16. TRAFFIC SIGNAL SCHEDULE AND DETAILS
  17. RESURFACING DETAIL (IL 29 AND WILLOW/EIGHTH)
  18. SIDEROAD RESURFACING DETAIL

- IL 9**
19. COVER SHEET
  - 20-24. TYPICAL SECTIONS
  - 25-26. SCHEDULE OF QUANTITIES
  - 27-41. PAVEMENT MARKING AND RESURFACING LIMITS
  - 42-43. TRAFFIC SIGNAL DETAILS

- 44-54. DISTRICT STANDARDS
- 406101
  - 440001
  - 630101
  - 635101
  - 780001

## COMMITMENTS

No commitments have been made for this project.

## GENERAL NOTES

### 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.

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

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Environmental Survey Request)
- \* A location map showing the size limits and location of the use area
- \* Signed property owner agreement form-D4 PI0100
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, COMMITMENTS, AND GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			669/ 693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	2	
		CHECKED -	REVISED -			<b>CONTRACT NO. 68892</b>					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE = 40,0000 / IN.									
		PLOT DATE = 4/18/2009									

**PAVEMENT STATIONING NUMBERS & PLACEMENT**

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm ) high and 5/8 inch (15 mm ) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm ) from the inside edge of the pavement marking

Location:

- \* 2,3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- \* Multi-Lane Divided Roadways – outside edge of pavement in both directions
- \* Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

The following mixture requirements are applicable to this project:

Mixture Use(s):	Surface Course	HMA Shoulder (Surface Lift)	Incidental HMA Surface
AC/PG:	SBS or SBR 76-22	PG 64-22	PG 64-22
RAP % (Max)**:	10%	15%	15%
Design Air Voids:	4.0% @ N=70	3.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5	IL 9.5 or IL 12.5	IL 9.5 or IL 12.5
Friction Aggregate	Mixture E	Mixture C	Mixture C

\*\* If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

**BUTT JOINT CUTTING TIME RESTRICTION**

Butt joints shall not be milled more than three (3) days prior to placement of the bituminous surface course.

**PAVING SURFACE COURSE**

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

**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.

# SUMMARY OF QUANTITIES

FAP 669

FAP 693

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				IL 29 100% State	IL 29 100% State	IL 9 100% State	IL 9 100% State
				ROADWAY 1000 URBAN	TRAFFIC SIGNALS Y031-1F URBAN	ROADWAY 1000 URBAN	TRAFFIC SIGNALS Y031-1F URBAN
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	55.2	33		22.2	
40600300	AGGREGATE (PRIME COAT)	TON	276.6	165		111.6	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4			4	
40600895	CONSTRUCTING TEST STRIP	EACH	1	0.5		0.5	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2127	1874		253	
40600990	TEMPORARY RAMP	SQ YD	1295	644		651	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1585	1585			
40603365	HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	13458	8771		4687	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	384	384			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	55802			55802	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	80846	80846			
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	10	10			
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	251			251	
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	2090	2090			
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	387	387			
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	1544	1544			
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	899			899	
44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	80			80	
44213200	SAW CUTS	FOOT	1680			1680	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	63	63			
60260100	INLETS TO BE ADJUSTED	EACH	1	1			
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	75	75			

\* SPECIALTY ITEMS

# SUMMARY OF QUANTITIES

FAP 669

FAP 693

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				IL 29 100% State	IL 29 100% State	IL 9 100% State	IL 9 100% State
				ROADWAY	TRAFFIC SIGNALS	ROADWAY	TRAFFIC SIGNALS
				I000 URBAN	Y031 URBAN	I000 URBAN	Y031-1F URBAN
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	2	2			
63200310	GUARDRAIL REMOVAL	FOOT	125	125			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2	2		
67100100	MOBILIZATION	L SUM	1	0.5	0.5		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.5	0.5		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5	0.5		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	3		3		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	22093	12648	9445		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3516	2100	1416		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70972	54218	16754		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10443	4740	5703		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	6855	3025	3830		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1907	1406	501		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	912	409	503		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3666	2108	1558		
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	10443	4740	5703		
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3516	2100	1416		
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	70972	54218	16754		
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	1415	1415			
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	6855	3025	3830		

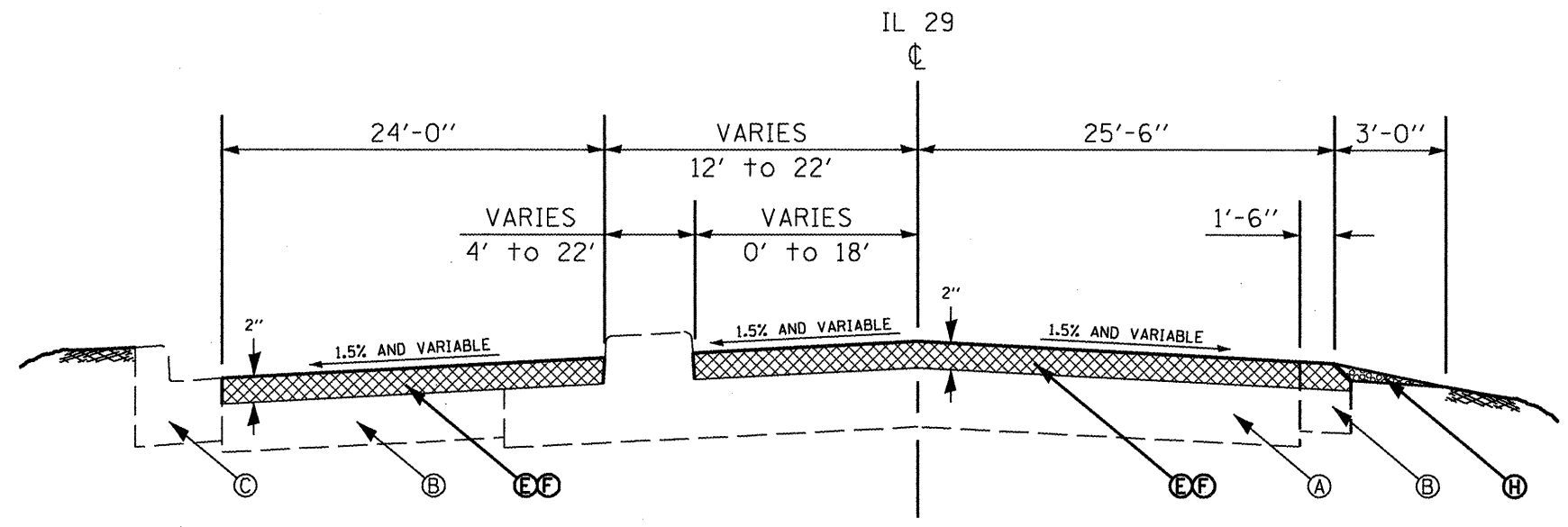
\* SPECIALTY ITEMS

FAP 669 | FAP 693

# SUMMARY OF QUANTITIES

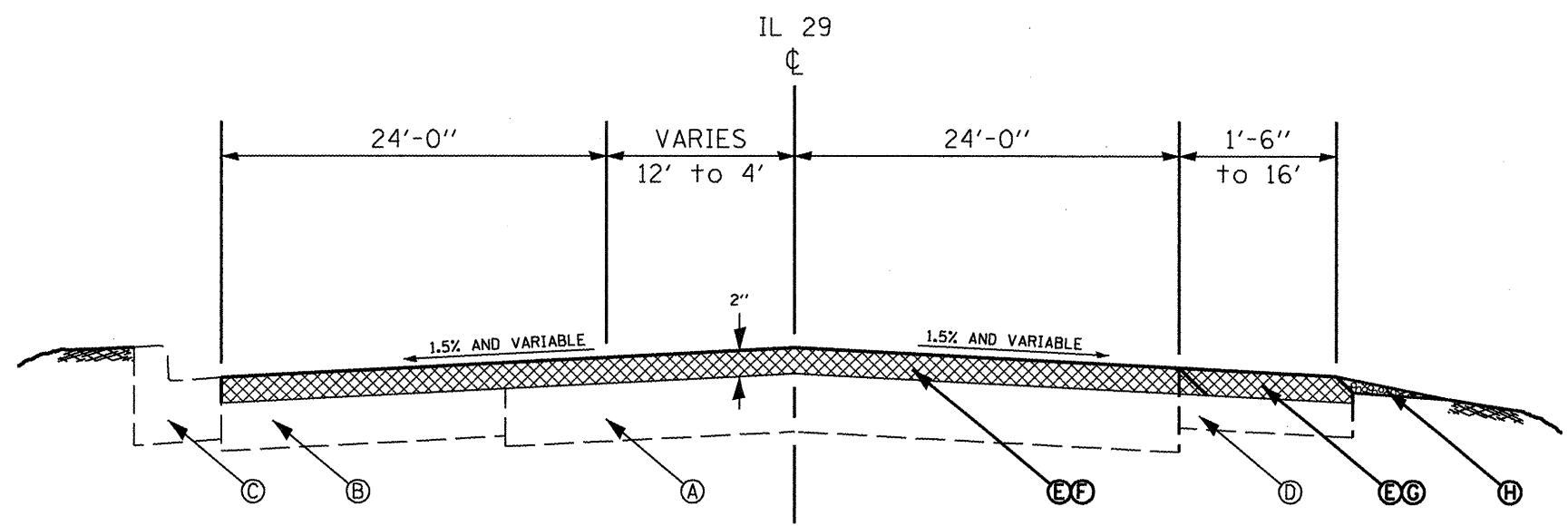
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				IL 29	IL 29	IL 9	IL 9
				100% State	100% State	100% State	100% State
				ROADWAY	TRAFFIC SIGNALS	ROADWAY	TRAFFIC SIGNALS
				1000	Y031	1000	Y031-1F
				URBAN	URBAN	URBAN	URBAN
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1907	1406		501	
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	912	409		503	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	946	391		555	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	4	4			
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	940	385	555	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1710		762		948
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	16		8		8
	X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	8	8		
	X0322729	MATERIAL TRANSFER DEVICE	TON	13458	8771	4687	
* X0326101	BOND TRAFFIC SIGNAL STRUCTURE	EACH	28		17		11
	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14	
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	917		507		410
	Z0017202	DOWEL BARS 1 1/2"	EACH	620		620	

\* SPECIALTY ITEMS



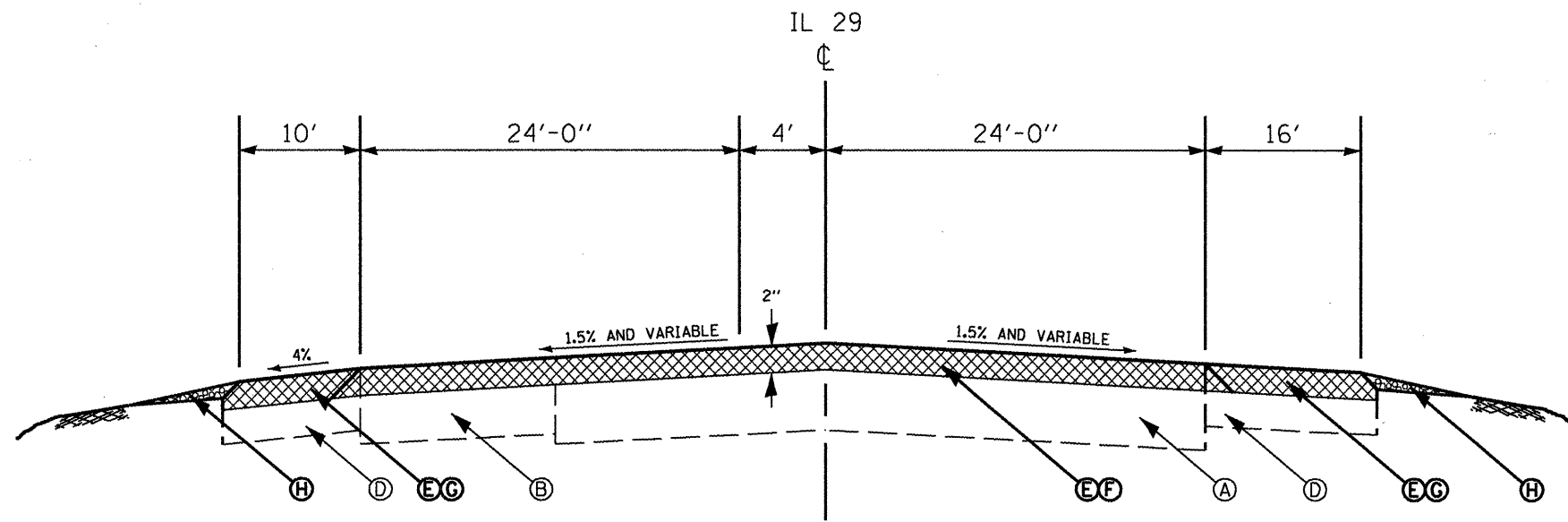
STA. 333+92 TO STA. 359+37

- (A) EXISTING PAVEMENT
- (B) EXISTING WIDENING
- (C) EXISTING CURB & GUTTER
- (D) EXISTING SHOULDER
- (E) PROPOSED HMA SURFACE REMOVAL 2"
- (F) PROPOSED HMA SURFACE COURSE, MIX "E", N70 2"
- (G) PROPOSED HMA SURFACE (SHOULDER) MIX "C", N50 2"
- (H) PROPOSED AGGREGATE SHOULDER, TYPE B (WEDGE)



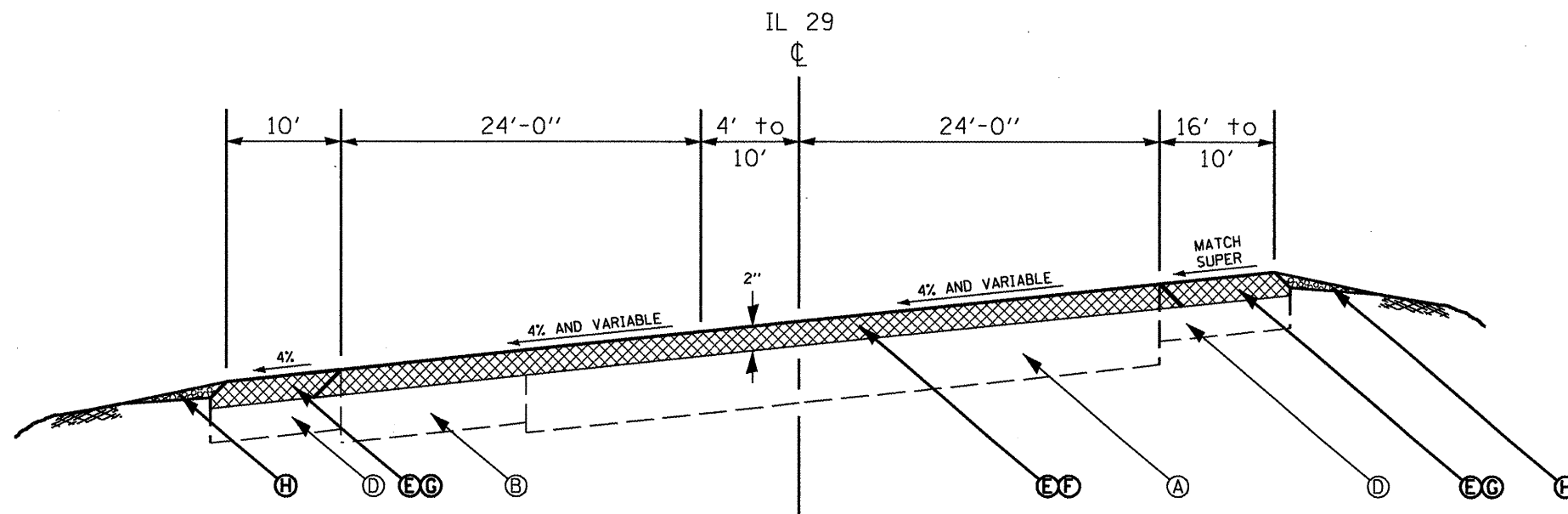
STA. 359+37 TO STA. 369+50

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	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			669/693	(10,151RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	7
	PLOT DATE = 4/10/2009	CHECKED -	REVISED -			CONTRACT NO. 68892				
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SHEET NO. 1 OF 4 SHEETS	STA. 333+92 TO STA. 369+50				



STA. 369+50 TO STA. 374+03

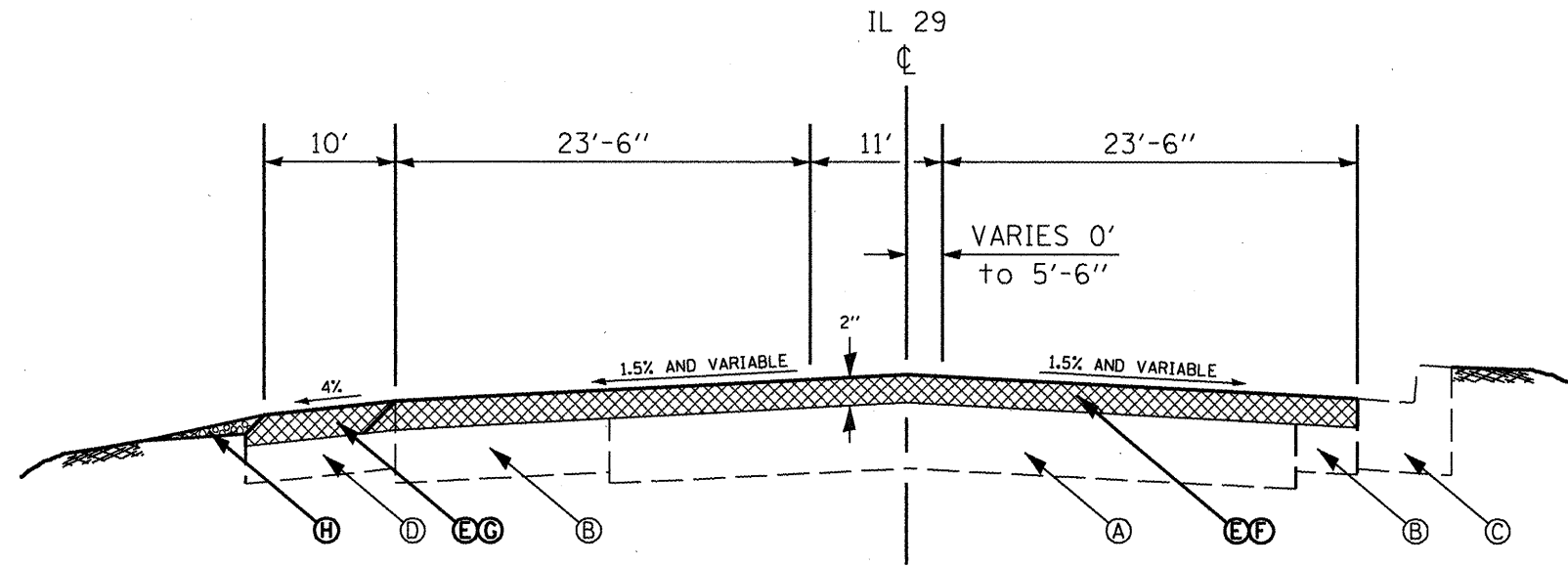
- (A) EXISTING PAVEMENT
- (B) EXISTING WIDENING
- (C) EXISTING CURB & GUTTER
- (D) EXISTING SHOULDER
- (E) PROPOSED HMA SURFACE REMOVAL 2"
- (F) PROPOSED HMA SURFACE COURSE, MIX "E", N70 2"
- (G) PROPOSED HMA SURFACE (SHOULDER) MIX "C", N50 2"
- (H) PROPOSED AGGREGATE SHOULDER, TYPE B (WEDGE)



STA. 374+03 TO STA. 377+80

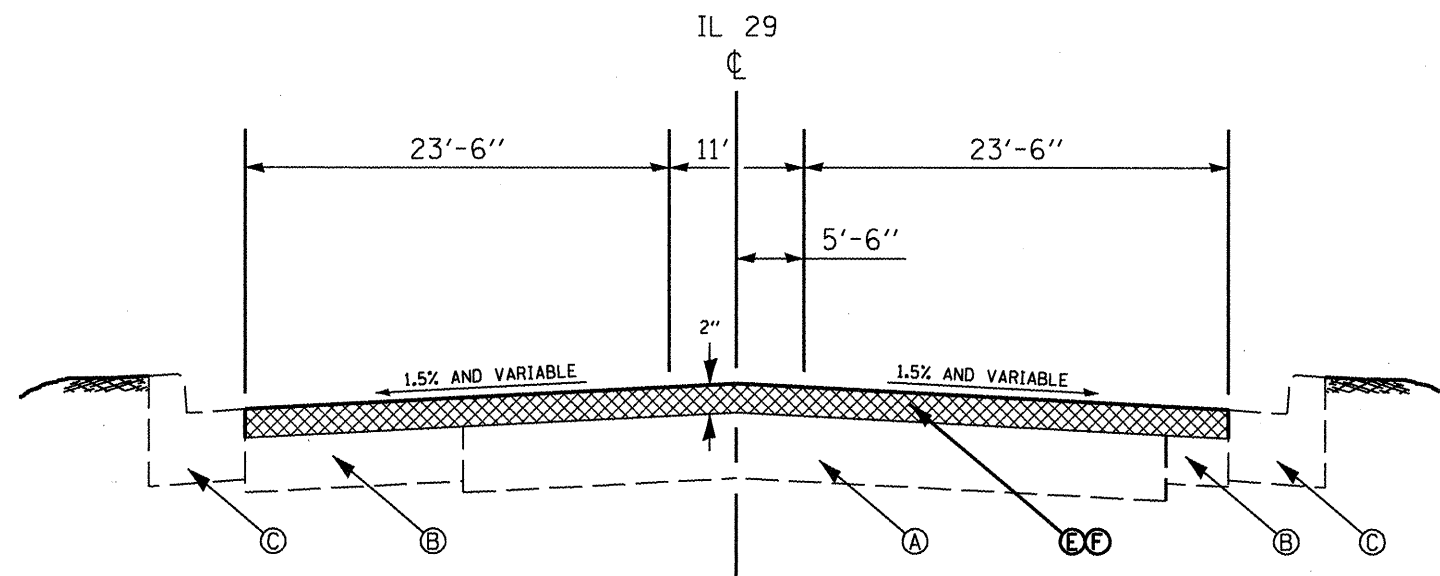
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	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			669/ 693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	8	
	PLOT DATE = 4/18/2009	CHECKED -	REVISED -			SHEET NO. 2 OF 4 SHEETS    STA. 369+50 TO STA. 377+80			<b>CONTRACT NO. 68892</b>		
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								





STA. 377+80 TO STA. 384+60

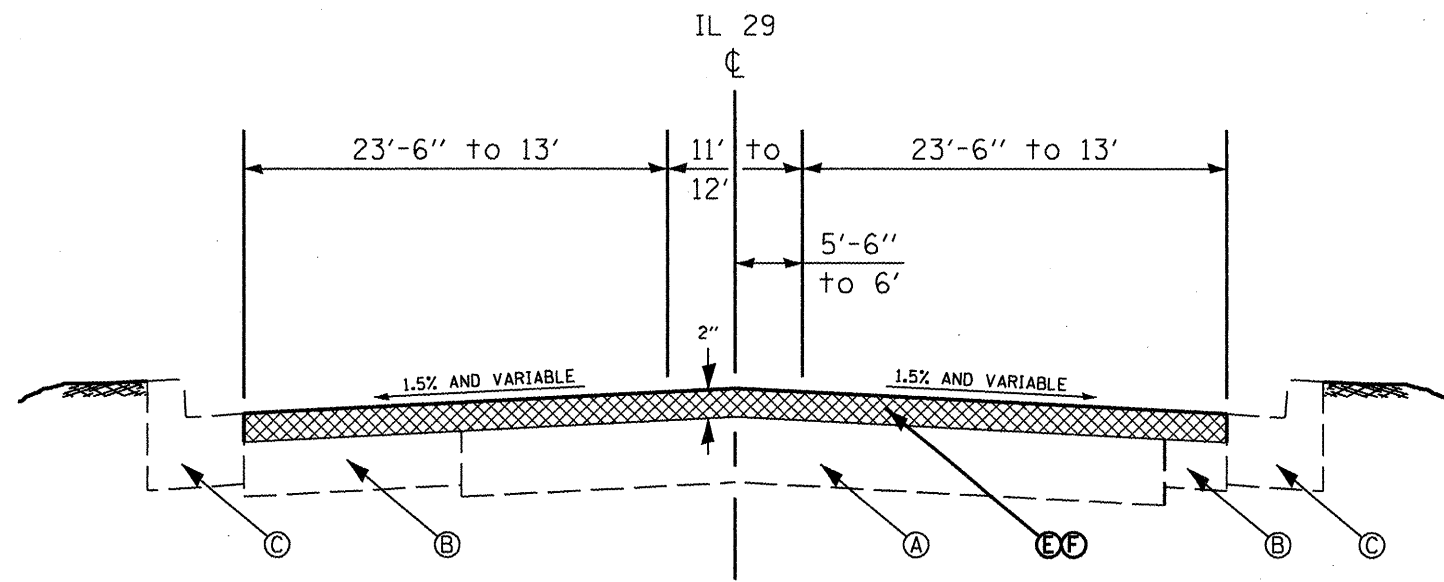
- (A) EXISTING PAVEMENT
- (B) EXISTING WIDENING
- (C) EXISTING CURB & GUTTER
- (D) EXISTING SHOULDER
- (E) PROPOSED HMA SURFACE REMOVAL 2"
- (F) PROPOSED HMA SURFACE COURSE, MIX "E", N70 2"
- (G) PROPOSED HMA SURFACE (SHOULDER) MIX "C", N50 2"
- (H) PROPOSED AGGREGATE SHOULDER, TYPE B (WEDGE)



STA. 384+60 TO STA. 51+60\*

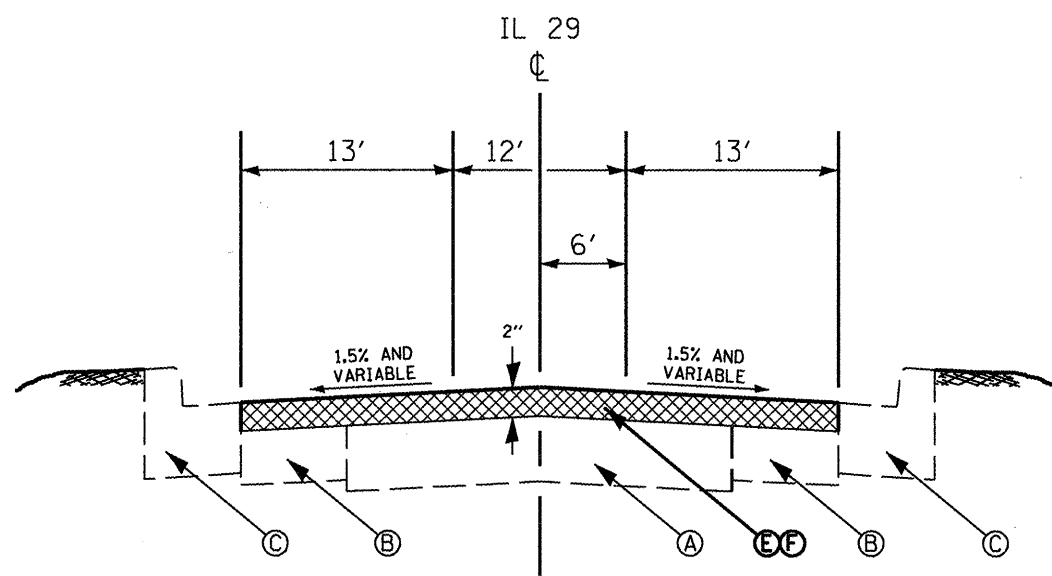
\*Station Equation:  
STA. 409+02(BK) = STA. 18+39.5(AH)

FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 29 TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			669/ 693	(10,15IRS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	9
	PLOT DATE = 4/10/2009	CHECKED -	REVISED -			CONTRACT NO. 68892				
				SHEET NO. 3 OF 4 SHEETS STA. 377+80 TO STA. 51+60		ILLINOIS FED. AID PROJECT				



STA. 51+60 TO STA. 59+30

- (A) EXISTING PAVEMENT
- (B) EXISTING WIDENING
- (C) EXISTING CURB & GUTTER
- (D) EXISTING SHOULDER
- (E) PROPOSED HMA SURFACE REMOVAL 2"
- (F) PROPOSED HMA SURFACE COURSE, MIX "E", N70 2"
- (G) PROPOSED HMA SURFACE (SHOULDER) MIX "C", N50 2"
- (H) PROPOSED AGGREGATE SHOULDER, TYPE B (WEDGE)



STA. 59+30 TO STA. 77+05

FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 29 TYPICAL SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -				669/ 693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	10
	PLOT DATE = 4/18/2009	CHECKED -	REVISED -				<b>CONTRACT NO. 68892</b>				
	DATE -	REVISED -		SHEET NO. 1 OF SHEETS STA. 51+60 TO STA. 77+05		ILLINOIS FED. AID PROJECT					

# SCHEDULE OF QUANTITIES

40600895	
CONSTRUCTING TEST STRIP	UNIT
LOCATION	EACH
JOBSITE	1
TOTAL	1 EACH

44001700	
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	UNIT
LOCATION	FOOT
IL 29: LT Sta. 340+05 to 340+15	10
TOTAL	10 FT

44201389	
CLASS C PATCHES, TYPE II, 13 INCH	UNIT
LOCATION	SQ YD
SB IL 29: Sta. 333+92 to 363+94	528
SB IL 29: Sta. 363+94 to 58+85	152
SB IL 29: Sta. 58+85 to 77+05	121
NB IL 29: Sta. 333+92 to 363+94	437
NB IL 29: Sta. 363+94 to 27+32	245
NB IL 29: Sta. 27+32 to 54+06	424
NB IL 29: Sta. 54+06 to 77+05	182
TOTAL	2,090 SQ YD

44201394	
CLASS C PATCHES, TYPE III, 13 INCH	UNIT
LOCATION	SQ YD
SB IL 29: Sta. 333+92 to 363+94	53
SB IL 29: Sta. 363+94 to 58+85	64
NB IL 29: Sta. 333+92 to 363+94	64
NB IL 29: Sta. 363+94 to 27+32	85
NB IL 29: Sta. 27+32 to 54+06	80
NB IL 29: Sta. 54+06 to 77+05	40
TOTAL	387 SQ YD

44201396	
CLASS C PATCHES, TYPE IV, 13 INCH	UNIT
LOCATION	SQ YD
SB IL 29: Sta. 333+92 to 363+94	40
SB IL 29: Sta. 363+94 to 58+85	553
NB IL 29: Sta. 363+94 to 27+32	633
NB IL 29: Sta. 27+32 to 54+06	173
NB IL 29: Sta. 54+06 to 77+05	144
TOTAL	1,544 SQ YD

60260100	
INLETS TO BE ADJUSTED	UNIT
LOCATION	EACH
IL 29: LT Sta. 340+10	1
TOTAL	1 EACH

63000001	
STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	UNIT
LOCATION	FOOT
IL 29: RT Sta. 363+40 TO 364+15	75
TOTAL	75 FT

63100167	
TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	UNIT
LOCATION	EACH
IL 29: RT Sta. 362+90 TO 363+40	1
IL 29: RT Sta. 364+15 TO 364+65	1
TOTAL	2 EACH

63200310	
GUARDRAIL REMOVAL	UNIT
LOCATION	FOOT
IL 29: RT Sta. 363+15 TO Sta. 364+40	125
TOTAL	125 FT

67000400	
ENGINEER'S FIELD OFFICE, TYPE A	UNIT
LOCATION	CAL MO
JOBSITE	4
TOTAL	4 CAL MO

67100100	
MOBILIZATION	UNIT
LOCATION	L SUM
JOBSITE	1
TOTAL	1 L SUM

70102630	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	UNIT
LOCATION	L SUM
JOBSITE	1
TOTAL	1 L SUM

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

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

70102640	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	UNIT
LOCATION	L SUM
JOBSITE	1
TOTAL	1 L SUM

70300100	
SHORT-TERM PAVEMENT MARKING (2 APPLICATION)	UNIT
LOCATION	FOOT
IL 29	
Sta. 333+92 TO 336+73	600
Sta. 336+73 TO 355+30	1,248
Sta. 355+30 TO 363+94	608
Sta. 363+94 TO 380+30	1,776
Sta. 380+30 TO 396+00	1,728
Sta. 396+00 TO 409+02	1,440
Sta. Eq. 409+02(BK) = 18+39.5(AH)	
Sta. 18+39.5 TO 27+30	2,040
Sta. 27+30 TO 54+00	4,008
Sta. 54+00 TO 58+85	440
Sta. 58+85 TO 74+24	2,248
Sta. 74+24 TO 77+05	744
TOTAL	12,648 FT

70300210	
TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	
78005100	

70300210	
EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	UNIT
LOCATION	SQ FT
IL 29	
Sta. 333+92 TO 336+73	16
Sta. 336+73 TO 355+30	78
Sta. 355+30 TO 363+94	47
Sta. 363+94 TO 380+31	94
Sta. 380+31 TO 396+00	281
Sta. 396+00 TO 402+73	78
Sta. 402+73 TO 405+93	62
Sta. 405+93 TO 20+70	94
Sta. 22+00 TO 27+32	172
Sta. 27+32 TO 32+68	172
Sta. 33+95 TO 40+57	125
Sta. 40+57 TO 43+42	62
Sta. 43+42 TO 46+28	62
Sta. 46+28 TO 49+14	62
Sta. 49+14 TO 52+02	62
Sta. 52+02 TO 54+00	31
Sta. 54+00 TO 56+33	31
Sta. 56+33 TO 58+85	62
Sta. 58+85 TO 61+36	62
Sta. 61+36 TO 63+97	62
Sta. 63+97 TO 66+54	62
Sta. 66+54 TO 69+06	62
Sta. 69+06 TO 74+24	148
Sta. 74+24 TO 77+05	111
TOTAL	2,100 SQ FT

70300220	
TEMPORARY PAVEMENT MARKING - LINE 4"	UNIT
LOCATION	FOOT
(SEE QUANTITIES FOR EPOXY PAVEMENT MARKING - LINE 4")	54,218
TOTAL	54,218 FT

70300250	
TEMPORARY PAVEMENT MARKING - LINE 8"	
78005140	
EPOXY PAVEMENT MARKING - LINE 8"	UNIT
LOCATION	FOOT
IL 29	
Sta. 333+92 TO 339+30	883
Sta. 352+94 TO 355+30	250
Sta. 357+92 TO 365+70	295
Sta. 394+52 TO 398+00	298
Sta. 25+58 TO 29+14	538
Sta. 53+37 TO 54+50	50
Sta. 55+58 TO 56+08	50
Sta. 73+00 TO 75+27	611
Sta. 75+74 TO 77+05	50
TOTAL	3,025 FT

70300260		
TEMPORARY PAVEMENT MARKING - LINE 12"		
78005150		
EPOXY PAVEMENT MARKING - LINE 12"		
	YELLOW DIAGONAL	WHITE DIAGONAL
LOCATION	FOOT	FOOT
IL 29		
Sta. 333+92 TO 339+30		150
Sta. 357+92 TO 363+54	60	
Sta. 363+54 TO 380+30	422	
Sta. 392+36 TO 396+00	179	
Sta. 396+00 TO 400+29	480	
Sta. 73+00 TO 75+27	36	79
SUBTOTALS	1,177	229
TOTAL	1,406 FT	

70300280	
TEMPORARY PAVEMENT MARKING - LINE 24"	
78005180	
EPOXY PAVEMENT MARKING - LINE 24"	UNIT
LOCATION	FOOT
IL 29	
Sta. 333+92 TO 337+00	38
Sta. 355+10 TO 355+30	20
Sta. 363+70 TO 363+94	24
Sta. 26+84 TO 27+81	183
Sta. 73+00 TO 74+75	94
Sta. 75+74 TO 77+05	50
TOTAL	409 FT

# SCHEDULE OF QUANTITIES

70301000

WORK ZONE PAVEMENT MARKING REMOVAL	UNIT
LOCATION	SQ FT
IL 29	
Sta. 333+92 TO 336+73	100
Sta. 336+73 TO 355+30	208
Sta. 355+30 TO 363+94	101
Sta. 363+94 TO 380+30	296
Sta. 380+30 TO 396+00	288
Sta. 396+00 TO 409+02	240
Sta. Eq. 409+02(BK) = 18+39.5(AH)	
Sta. 18+39.5 TO 27+30	340
Sta. 27+30 TO 54+00	668
Sta. 54+00 TO 58+85	73
Sta. 58+85 TO 74+24	375
Sta. 74+24 TO 77+05	124
TOTAL	2,108 SQ FT

78003130

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	UNIT
LOCATION	FOOT
IL 29	
Sta. 333+92 TO 409+02	3,760
Sta. Eq. 409+02(BK) = 18+39.5(AH)	
Sta. 18+39.5 TO 53+62	880
Sta. 53+62 TO 57+72	100
TOTAL	4,740 FT

78005110

EPOXY PAVEMENT MARKING - LINE 4"			
	YELLOW SKIP	YELLOW SOLID	WHITE SOLID
LOCATION	FOOT	FOOT	FOOT
IL 116			
Sta. 333+92 TO 336+73		438	1,002
Sta. 336+73 TO 355+30		3,625	3,714
Sta. 355+30 TO 363+94		2,123	1,728
Sta. 363+94 TO 380+31	100	6,488	3,274
Sta. 380+31 TO 396+00	580	2,956	3,018
Sta. 396+00 TO 402+73	110	1,313	1,220
Sta. 402+73 TO 405+93	120	482	562
Sta. 405+93 TO 409+02	120	526	578
Sta. Eq. 409+02(BK) = 18+39.5(AH)			
Sta. 18+39.5 TO 20+70	100	378	421
Sta. 20+70 TO 22+00	20	82	220
Sta. 22+00 TO 27+32	180	674	964
Sta. 27+32 TO 32+68	180	780	912
Sta. 32+68 TO 33+95	20	102	234
Sta. 33+95 TO 40+57	280	1,144	1,244
Sta. 40+57 TO 43+42	100	418	430
Sta. 43+42 TO 46+28	80	384	392
Sta. 46+28 TO 49+14	100	392	412
Sta. 49+14 TO 52+02	100	402	436
Sta. 52+02 TO 54+00	20	202	246
Sta. 54+00 TO 56+33		280	296
Sta. 56+33 TO 58+85	100	356	364
Sta. 58+85 TO 61+36	100	386	382
Sta. 61+36 TO 63+97	100	412	432
Sta. 63+97 TO 66+54	100	404	424
Sta. 66+54 TO 69+06	80	388	394
Sta. 69+06 TO 74+24	200	1,056	976
Sta. 74+24 TO 77+05		300	562
SUBTOTALS	2,890	26,491	24,837
TOTAL		54,218 FT	

78100100

RAISED REFLECTIVE PAVEMENT MARKER	UNIT
LOCATION	EACH
IL 29: Sta. 333+92 TO 336+73	13
IL 29: Sta. 336+73 TO 341+00	20
IL 29: Sta. 341+00 TO 369+45	123
IL 29: Sta. 369+45 TO 380+30	40
IL 29: Sta. 380+30 TO 396+00	66
IL 29: Sta. 396+00 TO 402+73	32
IL 29: Sta. 402+73 TO 405+93	12
IL 29: Sta. 405+93 TO 27+30	85
TOTAL	391 EACH

78200410

GUARDRAIL MARKERS, TYPE A	UNIT
LOCATION	EACH
IL 29: RT Sta. 363+40 TO 364+15	4
TOTAL	4 EACH

78201000

TERMINAL MARKER - DIRECT APPLIED	UNIT
LOCATION	EACH
IL 116: RT Sta. 362+90	1
IL 116: RT Sta. 362+65	1
TOTAL	2 EACH

78300200

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	UNIT
LOCATION	EACH
IL 29: Sta. 333+92 TO 336+73	9
IL 29: Sta. 336+73 TO 341+00	20
IL 29: Sta. 341+00 TO 369+45	123
IL 29: Sta. 369+45 TO 380+30	40
IL 29: Sta. 380+30 TO 396+00	66
IL 29: Sta. 396+00 TO 402+73	32
IL 29: Sta. 402+73 TO 405+93	12
IL 29: Sta. 405+93 TO 27+30	83
TOTAL	385 EACH

X0301512

GUARDRAIL AGGREGATE EROSION CONTROL	UNIT
LOCATION	TON
IL 29: RT Sta. 362+90 TO 364+65	7.84
TOTAL	8 TONS

X0322729

MATERIAL TRANSFER DEVICE	UNIT
LOCATION	TON
(SEE QUANTITIES FOR HMA SURFACE COURSE MIX "D" N50)	8,771
TOTAL	8,771 TONS

# SCHEDULE OF QUANTITIES

## TABULATION OF RESURFACING QUANTITIES

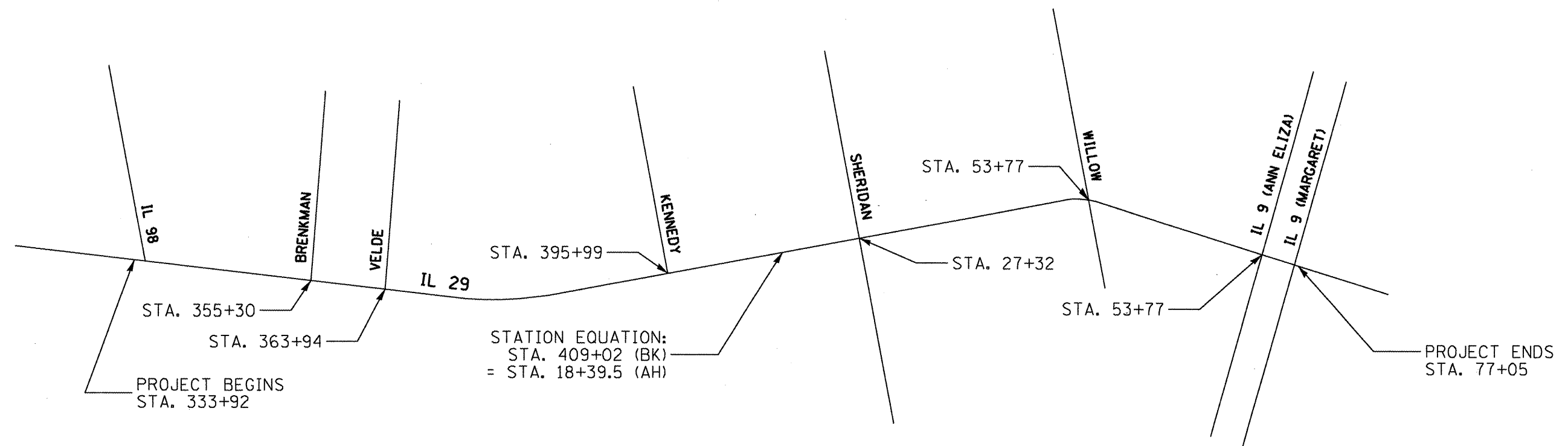
LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	TEMP RAMP	HMA SURFACE REMOVAL 2 IN	POLY BIT MATERIALS PRIME COAT	AGG MATERIALS PRIME COAT	HMA SURF CSE MIX E, N70 2 IN	INCIDENTAL HMA SURFACING 2 IN	HMA SURF CSE MIX "C" N50 (SHOULDERS)		AGGREGATE SHOULDERS TYPE B	
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	LEFT SIDE	RIGHT SIDE	LEFT SIDE	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON	TON	TON
<b>Mainline (IL 29)</b>														
STA. 333 + 92 TO 334 + 22	68.00	30.00	226.67	226.67	37.78		0.09	0.45	25.45					
STA. 334 + 22 TO 338 + 11	68.00	389.00	2939.11			2939.11	1.18	5.88	329.99					
STA. 338 + 11 TO 344 + 13	Various	602.00	4307.00			4307.00	1.72	8.61	483.63					
STA. 344 + 13 TO 350 + 64	49.50	651.00	3580.50			3580.50	1.43	7.16	402.37					
STA. 350 + 64 TO 356 + 30	Various	566.00	3706.67			3706.67	1.48	7.41	416.32					
STA. 356 + 30 TO 357 + 92	49.50	162.00	891.00			891.00	0.36	1.78	100.13					
STA. 357 + 92 TO 359 + 37	Various	145.00	846.53			846.53	0.34	1.69	95.11					
STA. 359 + 37 TO 363 + 54	49.50	417.00	2293.50			2293.50	0.92	4.59	257.74			24.04		3.30
STA. 363 + 54 TO 367 + 20	Various	366.00	3034.61			3034.61	1.21	6.07	340.64		21.96	336.74	3.32	4.84
STA. 367 + 20 TO 369 + 50	56.00	230.00	1431.11			1431.11	0.57	2.86	160.76		28.86	304.21	4.37	4.37
STA. 369 + 50 TO 374 + 03	52.00	453.00	2617.33	35.56*		2617.33	1.05	5.23	294.08		56.84	80.66	8.60	8.60
STA. 374 + 03 TO 377 + 80	55.00	377.00	2303.89			2303.89	0.92	4.61	258.82		47.31	606.42	7.16	7.16
STA. 377 + 80 TO 389 + 84	58.00	1204.00	7759.11			7759.11	3.10	15.52	871.52		77.80		11.77	
STA. 389 + 84 TO 393 + 00	61.00	316.00	2141.78			2141.78	0.86	4.28	240.53					
STA. 393 + 00 TO 395 + 45	64.00	245.00	1742.22			1742.22	0.70	3.48	195.64					
STA. 395 + 45 TO 400 + 00	Various	455.00	3620.56			3620.56	1.53	7.64	428.85					
STA. 400 + 00 TO 409 + 02	58.00	902.00	5812.89			5812.89	2.33	11.63	652.91					
STA. 409+02(BK) = STA. 18+39.5(AH)														
STA. 18 + 40 TO 25 + 00	58.00	660.50	4256.56			4256.56	1.70	8.51	478.10					
STA. 25 + 00 TO 30 + 14	Various	514.00	4090.44			4090.44	1.64	8.18	459.20					
STA. 30 + 14 TO 51 + 60	41.00	80.00	364.44			364.44	0.15	0.73	40.98					
STA. 51 + 60 TO 52 + 40	38.00	184.00	776.89			776.89	0.31	1.55	87.39					
STA. 61 + 20 TO 72 + 97	40.00	1177.00	5231.11			5231.11	2.09	10.46	588.33					
STA. 72 + 97 TO 75 + 13	Various	216.00	1694.00			1694.00	0.68	3.39	190.18					
STA. 75 + 13 TO 76 + 13	44.00	100.00	488.89			488.89	0.20	0.98	54.96					
STA. 76 + 13 TO 76 + 47	48.00	34.00	181.33			181.33	0.07	0.36	20.38					
STA. 76 + 47 TO 77 + 00	43.00	53.00	253.22			253.22	0.10	0.51	28.47					
STA. 77 + 00 TO 77 + 05	38.00	5.00	21.11	21.11	21.11		0.01	0.04	2.37					
<b>GRAND-TOTAL</b>				<b>283</b>	<b>59</b>	<b>66,565</b>	<b>26.7</b>	<b>133.6</b>	<b>7,505</b>		<b>233</b>	<b>1,352</b>	<b>35</b>	<b>28</b>

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT	AGG PR COAT
	(GAL/SQ YD)	(LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION	
SURFACE TYPE	
HMA SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

\* Butt joint to be placed in the shoulder along southbound IL 29 at each end of the truck scale concrete pad from Sta. 370+98 to 371+48





FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LINE DIAGRAM (IL 29)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / IN.	DRAWN -	REVISED -			669/ 693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAEWELL	54	15
	PLOT DATE = 4/10/2009	CHECKED -	REVISED -			<b>CONTRACT NO. 68892</b>				
						ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES
1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED, PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM TO NATIONAL, STATE, AND LOCAL CODES.
5. ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
6. A FIVE FOOT PIECE OF GREEN INSULATED #6 1/C XLP-USE CABLE SHALL BE USED TO CONNECT THE HANDHOLE LID TO THE FRAME. THE COST OF THIS WIRE SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE".
7. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
8. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
9. THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THE CONTRACTOR SHALL CONNECT THE PROPOSED GROUND CABLES TO THE CABINETS USING UL LISTED MECHANICAL CONNECTORS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR "ELECTRIC CABLE IN CONDUIT, GROUNDING, 1/C, NO. 6" AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO BOND THE CABINET.

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES
1. DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3. ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS.
4. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5. ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
7. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.

TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES				
ITEM DESCRIPTION	UNIT	TOTAL QTY.	IL 29 & IL 98	IL 29 & SHERIDAN
DETECTOR LOOP, TYPE I	FOOT	762.0	234.0	528.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0		8.0
BOND TRAFFIC SIGNAL STRUCTURE	EACH	17.0	10.0	7.0
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	507.0	366.0	141.0

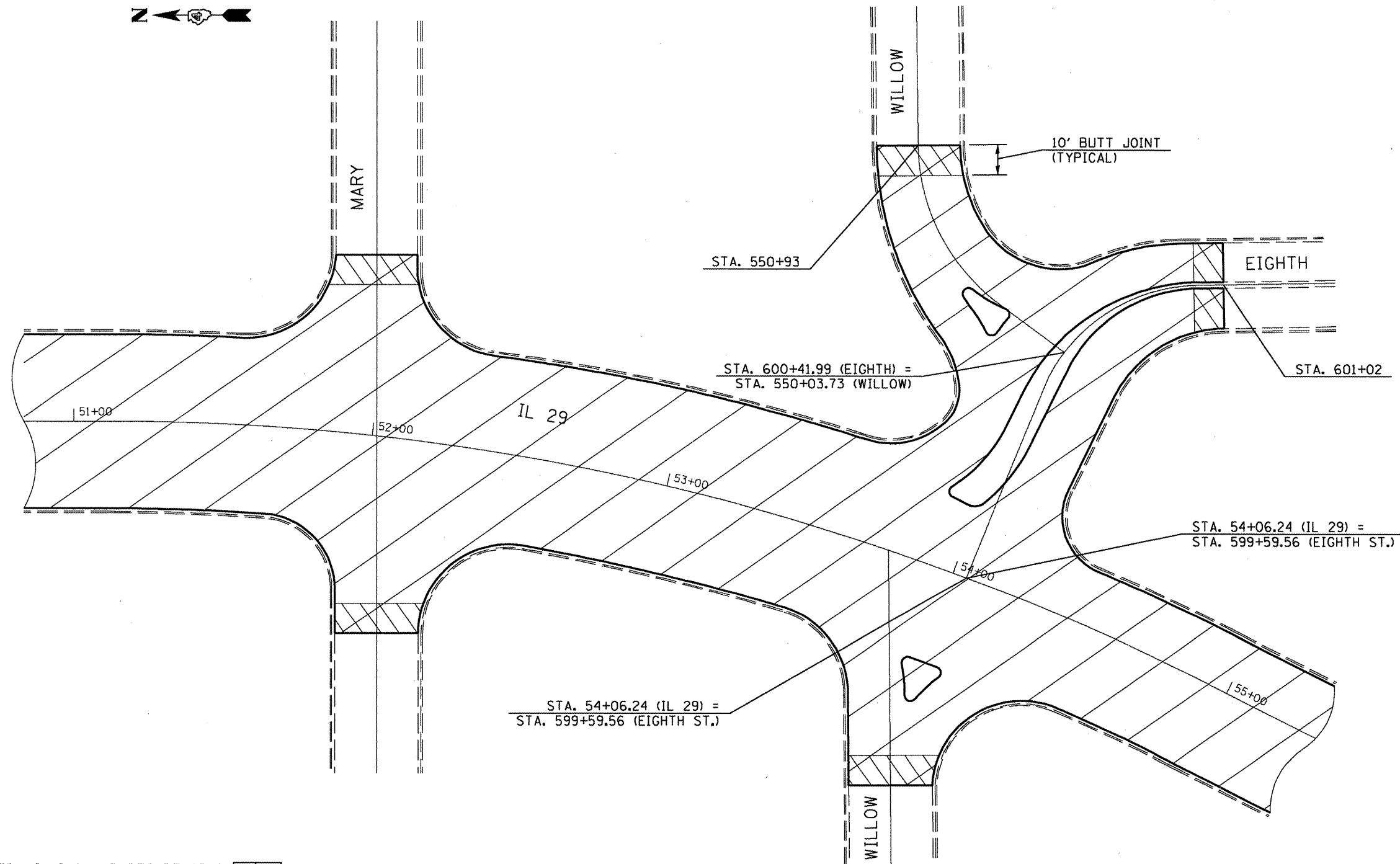
INTERSECTION	PEDESTRIAN PUSHBUTTON	TRAFFIC STRUCTURES TO BE SAFETY BONDED					ELCBL C GROUND 6 1C	GROUND CABLE INSTALLATION NOTES
		SERVICE RISER	DOUBLE HANDHOLE	HANDHOLE	MAST ARM	SIGNAL POST		
IL 29 & IL 98			1	4	2	3	366.0	ENTIRE INTERSECTION
IL 29 & SHERIDAN	8	1	1	3	2		141.0	DBHH TO MA IN SE QUAD, HH TO MA IN NW QUAD



NOTE: ONLY HANDHOLES WITH HIGH VOLTAGE CONDUCTORS SHALL BE GROUNDED. DETECTOR LOOP AND TRAFFIC SIGNAL INTERCONNECT HANDHOLES WILL TYPICALLY NOT REQUIRE GROUNDING.

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 29 & SHERIDAN			
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.
D-1	6' X 50' QUAD	162	30
D-2A	6' X 6'	24	18
D-2B	6' X 6'	24	6
D-5	6' X 50' QUAD	162	30
D-6A	6' X 6'	24	18
D-6B	6' X 6'	24	6
TOTAL:		420	108

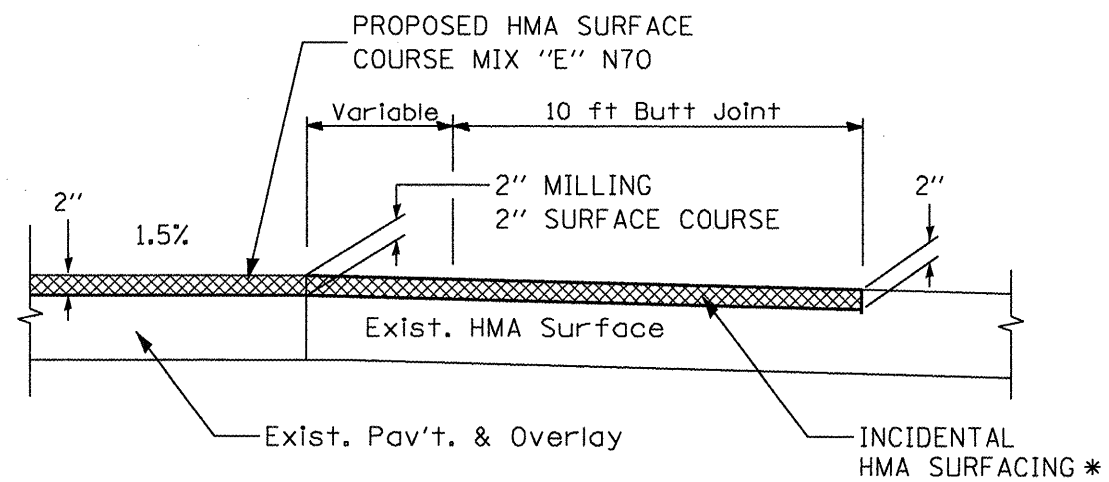
DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 29 & IL 98			
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.
D-1	6' X 50' QUAD	162	30
D-2A	6' X 6'	24	18
D-2B	6' X 6'	24	6
TOTAL:		210	24





PROPOSED MILLING AND RESURFACING   
 PROPOSED BUTT JOINT 

FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING AND RESURFACING LIMITS AT IL 29 INTERSECTION WITH WILLOW AND EIGHTH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			669/ 693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	17
	PLOT DATE = 4/10/2009	CHECKED -	REVISED -			<b>CONTRACT NO. 68892</b>				
		DATE -	REVISED -	ILLINOIS FED. AID PROJECT						



**SIDEROAD DETAIL \***  
Not to Scale

\* HMA SURFACE COURSE MIX "E" N70 TO REPLACE  
INCIDENTAL HMA SURFACE MIX AT IL 98, SHERIDAN,  
AND WILLOW AND EIGHTH INTERSECTIONS.

FILE NAME = masterplans.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEROAD DETAIL</b>	F.A.P. RTE. 669/ 693	SECTION (10,15IRS-5,9RS, 13RS-2,15RS-4	COUNTY TAZEWELL	TOTAL SHEETS 54	SHEET NO. 18
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -							
	PLOT DATE = 4/18/2009	DATE -	REVISED -							
ILLINOIS FED. AID PROJECT										

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	19
		ILLINOIS	CONTRACT NO. 68892	

\*(10,15)RS-5, 9RS, 13RS-2, 15RS-4

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

F.A.P. ROUTE 693 (IL 9)  
SECTION (10,15)RS-5, 9RS, 13RS-2, 15RS-5  
TAZEWELL COUNTY  
C-94-084-09

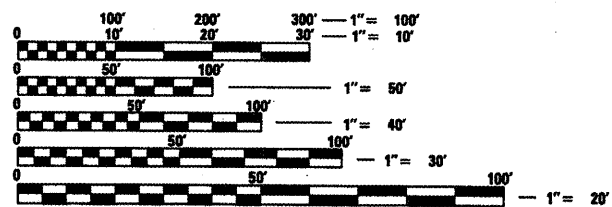
- INDEX OF SHEETS**  
COVER SHEET  
GENERAL NOTES  
SUMMARY OF QUANTITIES  
TYPICAL SECTIONS  
SCHEDULE OF QUANTITIES  
PAVEMENT MARKING & RESURFACING LIMITS  
TRAFFIC SIGNAL DETAILS  
DISTRICT STANDARDS

**LIST OF STANDARDS**

- |           |           |
|-----------|-----------|
| 442101-07 | 701901-01 |
| 442201-03 | 780001-02 |
| 701602-04 | 781001-03 |
| 701601-06 | 873001-02 |
| 701426-03 | 886001-01 |
|           | 886006-01 |

**DESIGN DESIGNATION**  
15,000 (15) AREA SERVICE  
MU = 4.8%

**SURVEY BOOK NOS.**  
232 - 96035 A  
(M.S.I. BOOK 384)



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  
OR 811

**PROJECT ENGINEER:** Christopher Maushard (309)671-3453  
**PROJECT MANAGER:** David Layne (309)671-3475

**CONTRACT NO. 68892**

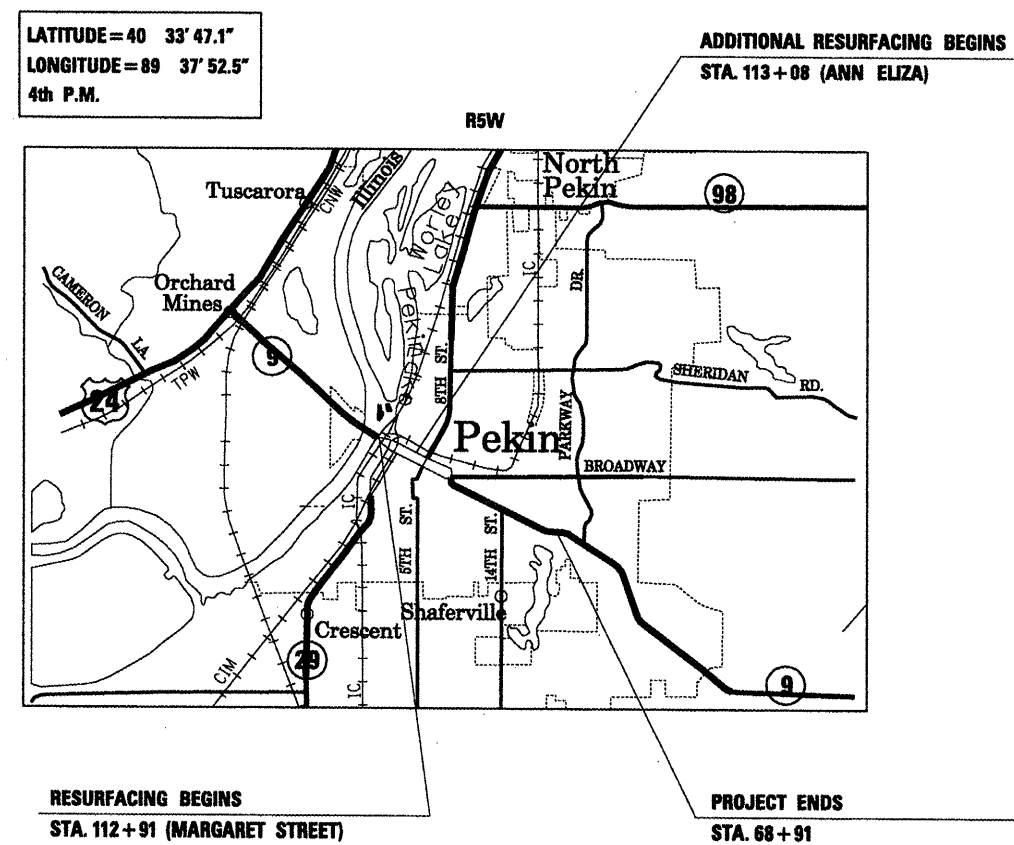
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

F.A.P. ROUTE 693 (IL 9)  
SECTION (10,15)RS-5, 9RS, 13RS-2, 15RS-5  
TAZEWELL COUNTY  
C-94-084-09



LATITUDE = 40 33' 47.1"  
LONGITUDE = 89 37' 52.5"  
4th P.M.

ADDITIONAL RESURFACING BEGINS  
STA. 113+08 (ANN ELIZA)

RESURFACING BEGINS  
STA. 112+91 (MARGARET STREET)

PROJECT ENDS  
STA. 68+91

D-94-058-09



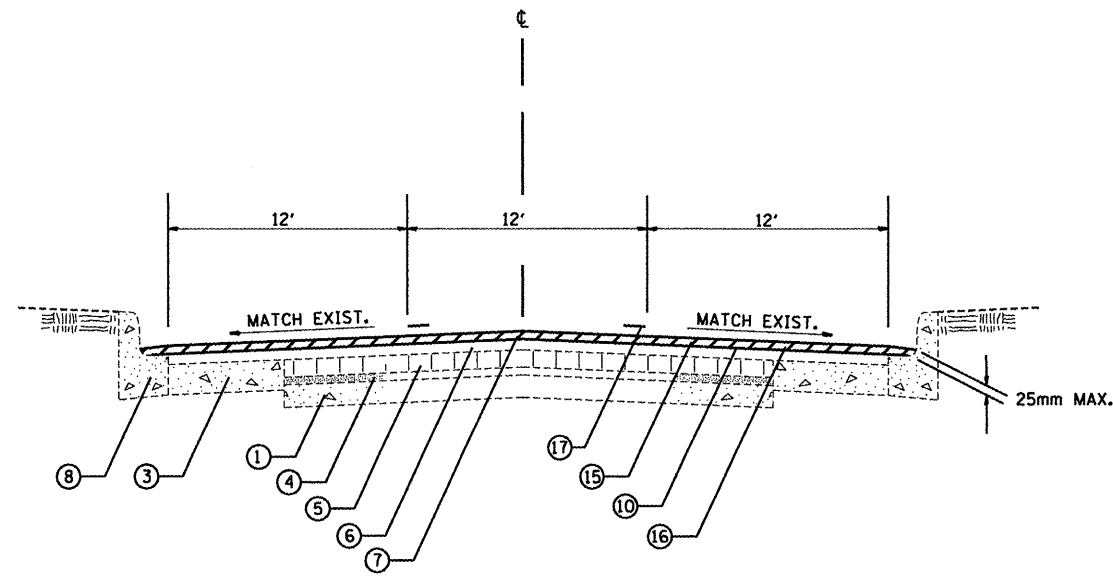
LOCATION OF SECTION INDICATED THUS: [black rectangle]

**FOR INFORMATION ONLY**

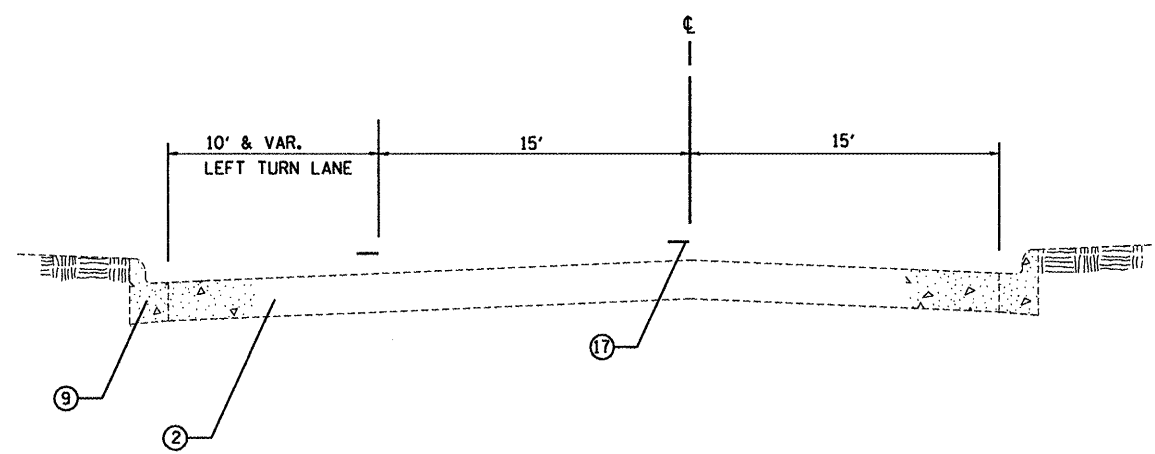
**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

GROSS LENGTH = 12,682 FT. = 2.4 MILE  
NET LENGTH = 12,682 FT. = 2.4 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



PROPOSED TYPICAL SECTION ①  
MARGARET ST.  
STA. 109+70 TO STA. 132+95



PROPOSED TYPICAL SECTION ②  
MARGARET ST. (S-CURVE)  
STA. 132+95 TO STA. 14+97

LEGEND  
(THIS SHEET ONLY)

- ① — EXIST. PCC BASE COURSE
- ② — EXIST. PCC PAVEMENT
- ③ — EXIST. PCC BASE COURSE WIDENING
- ④ — EXIST. FINE AGGREGATE BASE
- ⑤ — EXIST. BRICK PAVEMENT
- ⑥ — EXIST. BIT. OVERLAY
- ⑦ — EXIST. BIT. CONCRETE SURFACE COURSE
- ⑧ — EXIST. COMB. CC&G
- ⑨ — EXIST. COMB. CC&G
- ⑩ — PROP. AREA REFL. CR. CONTROL, TY. A (E.O.P. TO E.O.P.)

- ⑮ — PROP. HMA SURF. REM. 1/2"
- ⑯ — PROP. POLY HMA SURF. CSE. MIX E, N70, 1/2"
- ⑰ — PROP. EPOXY PAVEMENT MARKINGS

- PROP. HMA SURF. REM. 1/2"
- EXIST. BRICK PAVEMENT

REVISIONS	
NAME	DATE

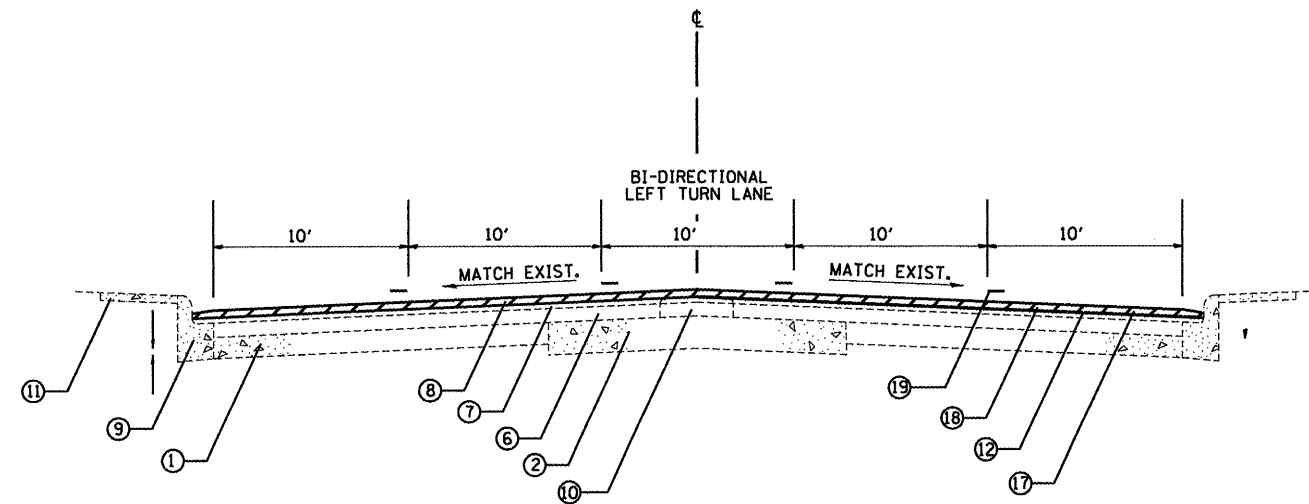
ILLINOIS DEPARTMENT OF TRANSPORTATION  
PROPOSED TYPICAL SECTIONS  
FAP 693  
IL 9/COURT STREET

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

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

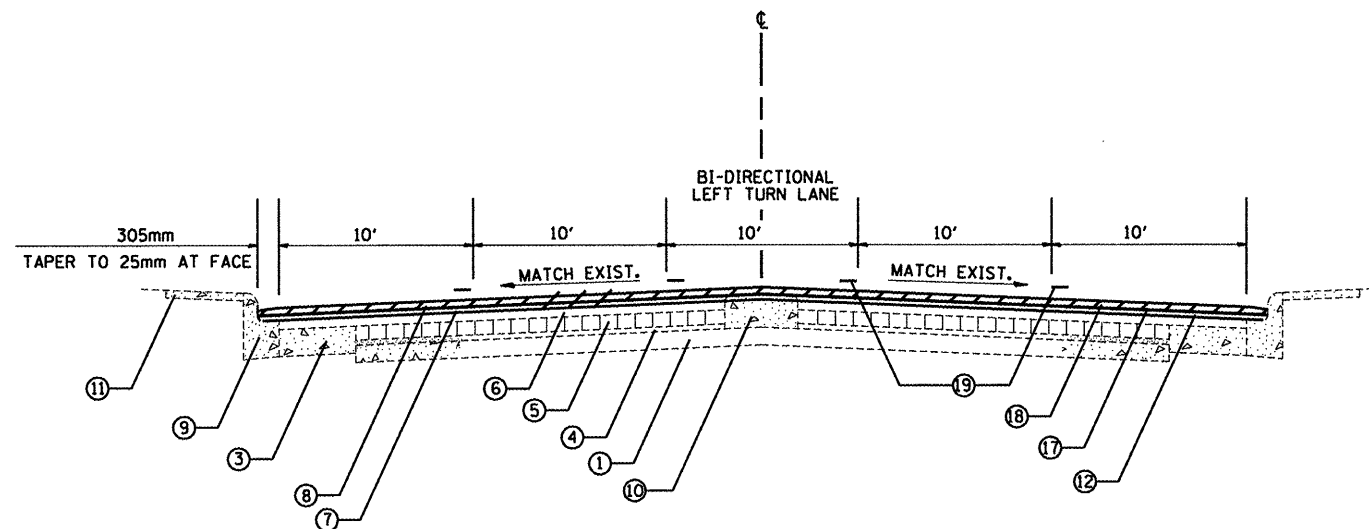
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

•110,151RS-5, 9RS, 13RS-2, 15RS-4  
CONTRACT NO. 68892



PROPOSED TYPICAL SECTION ③

FAP 693 (IL 9/COURT ST.)  
STA. 14+97 TO STA. 28+79  
STA. 34+36 TO STA. 53+25±  
STA. 57+34 TO STA. 61+46±  
STA. 68+82± TO STA. 68+91



PROPOSED TYPICAL SECTION ④

FAP 693 (IL 9/COURT ST.)  
STA. 28+79 TO STA. 34+36

SEE CROSS SECTIONS FOR 14th ST. FEATURES

LEGEND  
(THIS SHEET ONLY)

- ① — EXIST. PCC BASE COURSE
- ② — EXIST. PCC PAVEMENT
- ③ — EXIST. PCC BASE COURSE WIDENING
- ④ — EXIST. FINE AGGREGATE BASE
- ⑤ — EXIST. BRICK PAVEMENT
- ⑥ — EXIST. BIT. OVERLAY
- ⑦ — EXIST. BIT. CONCRETE BINDER COURSE
- ⑧ — EXIST. BIT. CONCRETE SURFACE COURSE
- ⑨ — EXIST. COMB. CC&G
- ⑩ — EXIST. CONC. CHATTER MEDIAN
- ⑪ — EXIST. PCC SIDEWALK
- ⑫ — EXIST. AREA REFL. CR. CONTROL

- ⑬ — PROP. HMA SURF. REM. 1/2"
- ⑭ — PROP. POLY HMA SURF. CSE. MIX E, N70, 1/2"
- ⑮ — PROP. EPOXY PAVEMENT MARKINGS

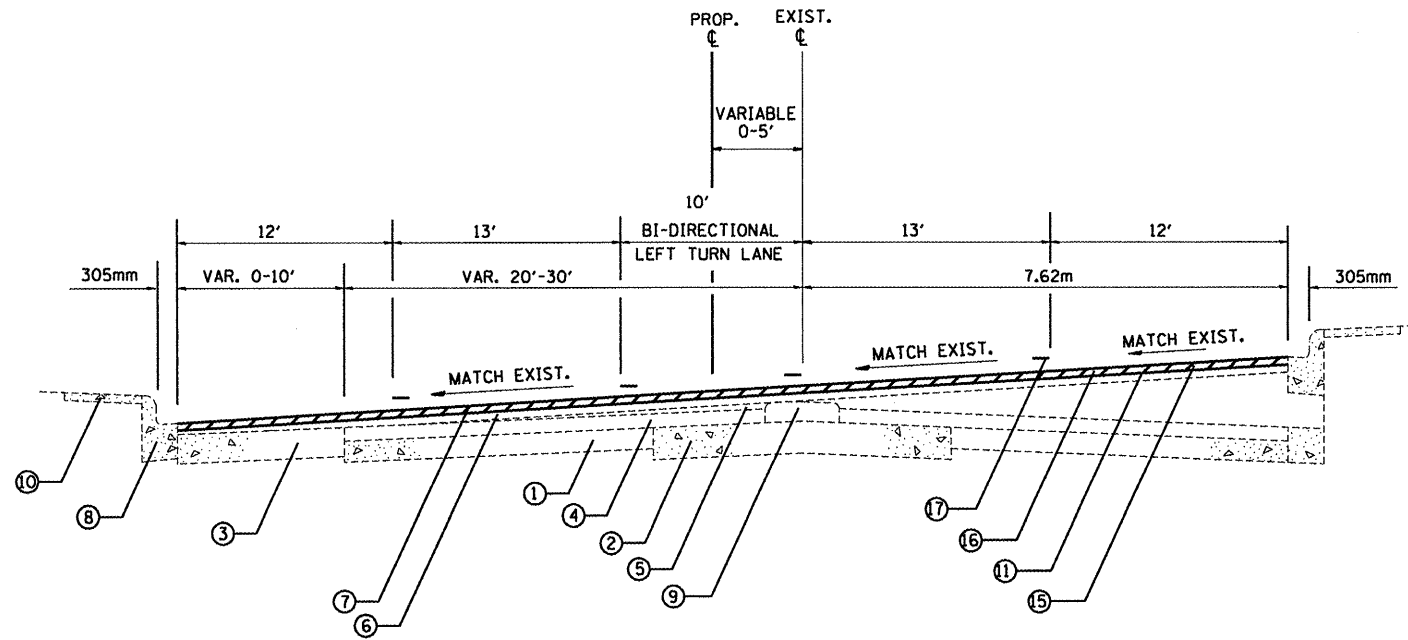
- PROP. HMA SURF. REM. 1/2"
- EXIST. BRICK PAVEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PROPOSED TYPICAL SECTIONS  
FAP 693  
IL 9/COURT STREET  
DRAWN BY  
CHECKED BY  
DATE

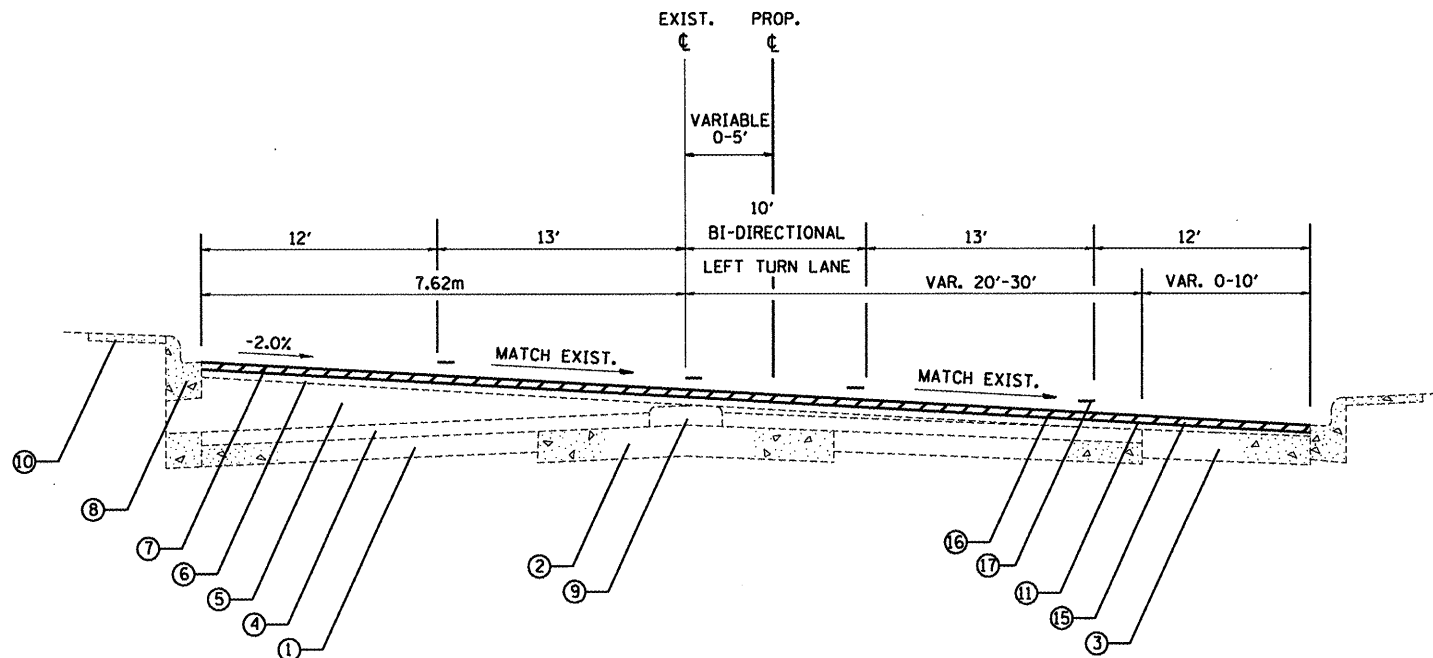
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•DGN-ONLY•

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	22
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* (10, 15RS-5, 9RS, 13RS-2, 15RS-4)				
CONTRACT NO. 68892				



PROPOSED TYPICAL SECTION WITH SUPERELEVATION (5)

**FAP 693 (IL 9/COURT ST.)**  
 STA. 53+23 TO STA. 57+34  
 SUPER ATTAINED STA. 53+25 TO 54+43  
 FULL SUPER STA. 54+43 TO 55+02  
 SUPER RETURNED STA. 55+02 TO 57+34



PROPOSED TYPICAL SECTION WITH SUPERELEVATION (6)

\* SUPERELEVATION INCLUDES BOTH HORIZONTAL CURVES AT END OF JOB

**FAP 693 (IL 9/COURT ST.)**  
 STA. 61+46± TO STA. 68+82±  
 \* SUPER ATTAINED STA. 61+46 TO 63+84  
 FULL SUPER STA. 63+84 TO 66+54  
 SUPER RETURNED STA. 66+54 TO 68+82

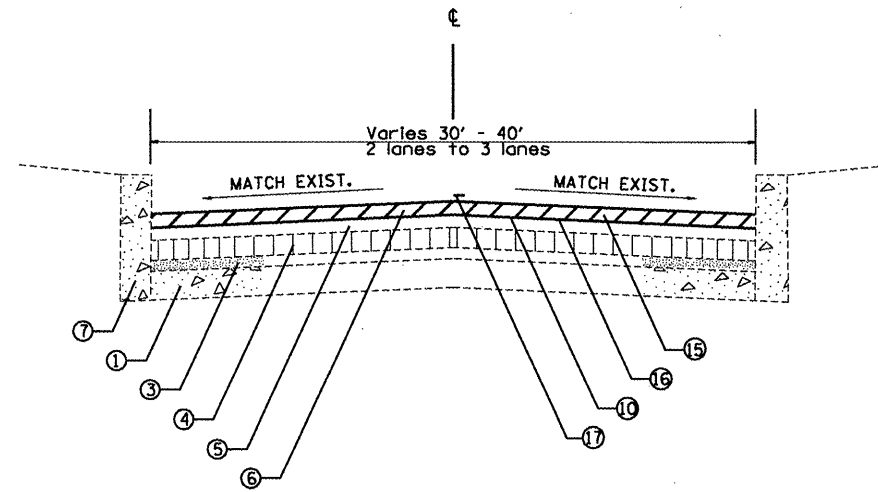
LEGEND	
(THIS SHEET ONLY)	
①	EXIST. PCC BASE COURSE
②	EXIST. PCC PAVEMENT
③	EXIST. PCC BASE COURSE WIDENING
④	EXIST. BIT. OVERLAY
⑤	EXIST. BIT. CONCRETE LEV. BINDER, VAR. THICKNESS
⑥	EXIST. BIT. CONCRETE BINDER COURSE
⑦	EXIST. BIT. CONCRETE SURFACE COURSE
⑧	EXIST. COMB. CC&G
⑨	EXIST. CONC. CHATTER MEDIAN
⑩	EXIST. PCC SIDEWALK
⑪	EXIST. AREA REFL. CR. CONTROL
⑮	PROP. HMA SURF. REM. 1/2"
⑯	PROP. POLY HMA SURF. CSE. MIX E, N70, 1/2"
⑰	PROP. EPOXY PAVEMENT MARKINGS

PROP. HMA SURF. REM. 1/2"

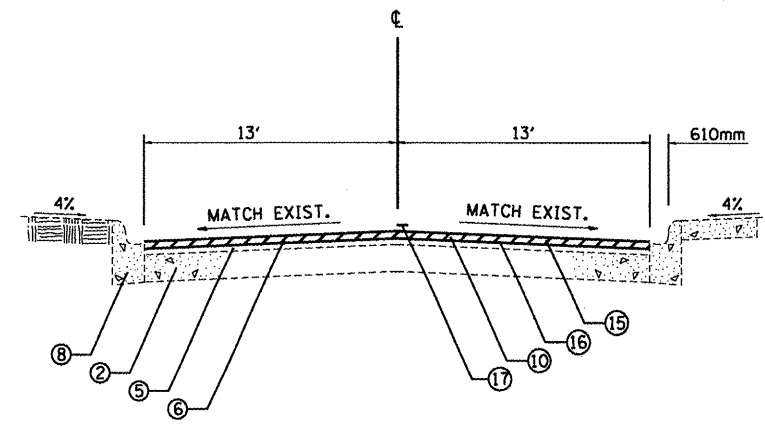
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TYPICAL SECTIONS  
 FAP 693  
 IL 9/COURT STREET  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	23
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



PROPOSED TYPICAL SECTION (7)  
 ANN ELIZA ST.  
 STA. 113+08 TO 7th ST. STA. 136+98



PROPOSED TYPICAL SECTION (8)  
 ANN ELIZA ST.  
 From 7th St. STA. 136+98 TO 8th St. STA. 140+62±

LEGEND  
(THIS SHEET ONLY)

- (1) — EXIST. PCC BASE
- (2) — EXIST. PCC BASE COURSE
- (3) — EXIST. FINE AGGREGATE BASE,
- (4) — EXIST. BRICK PAVEMENT
- (5) — EXIST. BIT. CONCRETE BINDER COURSE,
- (6) — EXIST. BIT. CONCRETE SURFACE COURSE,
- (7) — EXIST. BARRIER CURB
- (8) — EXIST. COMB. CC&G TY
- (9) — EXIST. PCC SIDEWALK
- (10) — EXIST. AREA REFL. CR. CONTROL,

- (15) — PROP. HMA SURF. REM. 1/2"
- (16) — PROP. POLY HMA SURF. CSE. MIX E, N70, 1/2"
- (17) — PROP. EPOXY PAVEMENT MARKINGS

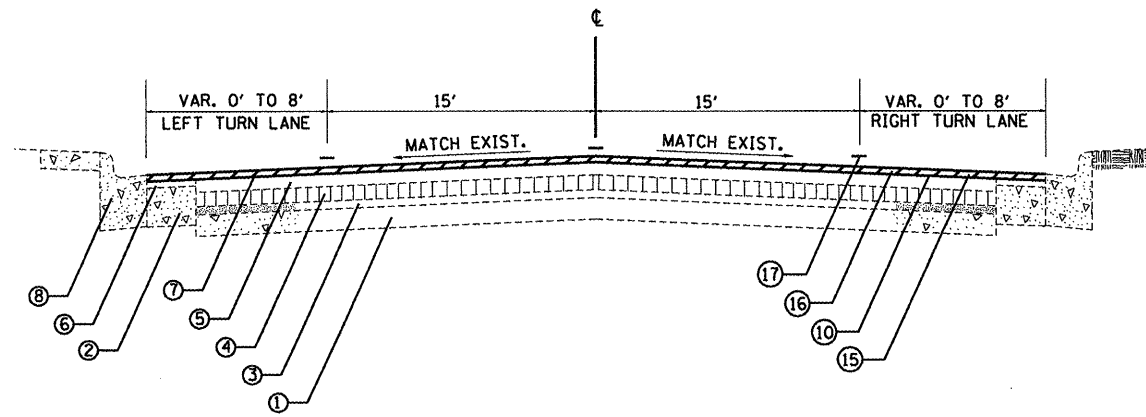
  

- [Hatched pattern] PROP. HMA SURF. REM. 1/2"
- [Vertical line pattern] EXIST. BRICK PAVEMENT



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED TYPICAL SECTIONS 8TH ST./ANN ELIZA
DATE		DRAWN BY
		CHECKED BY

DATE  
 DGN-ONLY

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	24
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10,15RS-5, 9RS, 13RS-2, 15RS-4		CONTRACT NO. 68892		



PROPOSED TYPICAL SECTION **9**  
8th ST.  
 STA. 140+62 TO IL 9/COURT ST. STA. 144+26

- LEGEND  
 (THIS SHEET ONLY)
- ① — EXIST. PCC BASE COURSE
  - ② — EXIST. PCC BASE COURSE WIDENING
  - ③ — EXIST. FINE AGGREGATE BASE
  - ④ — EXIST. BRICK PAVEMENT
  - ⑤ — EXIST. BIT. OVERLAY
  - ⑥ — EXIST. BIT. CONCRETE BINDER COURSE
  - ⑦ — EXIST. BIT. CONCRETE SURFACE COURSE
  - ⑧ — EXIST. COMB. CC&G
  - ⑨ — EXIST. PCC SIDEWALK
  - ⑩ — EXIST. AREA REFL. CR. CONTROL
  
  - ⑮ — PROP. HMA SURF. REM. 1/2"
  - ⑯ — PROP. POLY HMA SURF. CSE. MIX E, N70, 1/2"
  - ⑰ — PROP. THERMOPLASTIC PAVEMENT MARKINGS
- 
-  PROP. HMA SURF. REM. 1/2"
  -  EXIST. BRICK PAVEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TYPICAL SECTION  
 8th ST.  
 DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

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



Resurfacing Table							
Sta. to Sta.	Sq Yd	HMA Surf	Prime	Prime Agg	HMA Surf	MTD	
Margaret St.		Rem 1 1/2	ton	ton	ton	ton	
112+91 118+19	1924	1924	0.8	3.8	162	162	
118+19 122+98	1952	1952	0.8	3.9	164	164	
122+98 127+77	1925	1925	0.8	3.9	162	162	
127+77 132+56	1962	1962	0.8	3.9	165	165	
132+56 132+96	155	155	0.1	0.3	13	13	
Omission on PCC Sta. 132+96 to 14+97							
14+96 5+03	2334	2334	0.9	4.7	196	196	
5+03 9+82	2577	2577	1	5.2	216	216	
9+82 14+61	2535	2535	1	5.1	213	213	
14+61 19+40	2547	2547	1	5.1	214	214	
19+40 24+19	2562	2562	1	5.1	215	215	
24+19 28+98	2562	2562	1	5.1	215	215	
28+98 33+77	2554	2554	1	5.1	215	215	
33+77 38+56	2580	2580	1	5.2	217	217	
38+56 43+55	2561	2561	1	5.1	215	215	
43+55 48+14	2561	2561	1	5.1	215	215	
48+14 52+11	2124	2124	0.8	4.2	178	178	
52+11 55+25	1953	1953	0.8	3.9	164	164	
55+25 60+25	2548	2548	1	5.1	214	214	
60+25 61+10	2239	2239	0.9	4.5	188	188	
61+10 68+00	2164	2164	0.9	4.3	182	182	
68+00 68+91	482	482	0.2	1	40	40	
Ann Eliza			0				
113+08 130+50	6373	6373	2.5	12.7	535	535	
130+50 135+40	1484	1484	0.6	3	125	125	
135+40 140+22	1499	1499	0.6	3	126	126	
140+22 144+26	1645	1645	0.7	3.3	138	138	
totals	55802	55802	22.2	111.6	4687	4687	

Temporary Ramps	
Location	sq yd
At Butt Joints	138.9
At Side Streets	512
total	650.9

Butt Joints			
Margaret St.	length	width	sq yd
113+25	10	40.7	45.2
132+96	10	40	44.5
14+97	10	59.1	65.6
68+91	10	52	57.7
Ann Eliza			
113+25	10	18	20
Eighth St.	10	18	20
total			253

Traffic Control Surveillance	
Location	cal da
Jobsite	3
total	3

Prime Coat Conversion Factors	
SURFACE TYPE	Bit Prime Ct (gal/sq yd)
COLD MILLED SURFACES	0.1
EXISTING PAVEMENT	0.05
NEW BITUMINOUS COURSES	0.03

Bituminous Conversion Factors	
SURFACE TYPE	
BIT. SURF. COURSES	112 lb /sq yd/in
PRIME COAT	.004 tons/gal

TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES				
ITEM DESCRIPTION	UNIT	TOTAL QTY.	IL 9 & TENTH	IL 9 & FOURTEENTH
DETECTOR LOOP, TYPE I	FOOT	948.0	420.0	528.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0		8.0
BOND TRAFFIC SIGNAL STRUCTURE	EACH	11.0		11.0
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	410.0		410.0

Location	Class C Type II Patch 15"			Class C Type IV Patch 15"
	6'x12'	8'x12'	10'x12'	20' x 12'
IL 29 (S) 2nd St to E of 6th St 0.4 mi	Each	Each	Each	Each
Eastbound (Margaret)	1	1	0	0
Westbound (Ann Eliza)	0	0	0	0
E of 6th St to 8th St 0.3 mi				
Westbound (Ann Eliza)	19		1	1
8th St to 14th St				
Eastbound 0.5 mi	8	2	1	1
Westbound	4	0	1	0
14th St to Audubon				
Eastbound 0.7 mi	35	5	3	1
Westbound	23	0	1	0
SY per Patch	8.00	10.67	13.33	26.67
Subtotal	720.00	85.33	93.33	80.00
Total	898.7			80.0

Location	Class B Type II Patch 10"		Saw Cuts	Dowel Bars
	6'x12'	8'x12'	Foot	Each
E of 6th St to 8th St 0.3 mi	Each	Each	Each	Each
Sta. 132+96 to 14+97	30	1	1680	620
SY per Patch	8.00	10.67		
Subtotal	240.00	10.67		
Total	250.7		1680	620

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

DRAWN BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

DATE \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	-	TAZEWELL	54	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10,15)RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				

Temporary and Permanent Pavement Markings											
Sta. to Sta. Margaret St.	CL Skip-Dash Pref 6" W	Epoxy						Ltrs&Syms sq ft	RPM each	RPM Rem each	
		8"W	12"W	24"W	4" Y	4"Y skip	12"Y				
113+40	118+19	240							12	12	
118+19	122+98	240	246		40				12	12	
122+98	127+77	240	423		50		31.2		12	12	
127+77	132+56	240	158		40				12	12	
132+56	132+96	20									
132+96	135+91	74	230	50							
135+91	139+62	93	278		45		31.2				
12+83	14+34	38	134	20							
14+34	14+97	16	92		42						
15+50	16+20	35	285			140			5	5	
2+10	5+03	147				586	147	156	22	22	
5+03	9+82	240				958	240	78	36	36	
9+82	14+61	240	440		82	958	240	78	36	36	
14+61	19+40	240				958	240	62.4	36	36	
19+40	24+19	240				958	240	78	36	36	
24+19	28+98	240				958	240	78	36	36	
28+98	31+15	109				434		31.2	16	16	
31+15	32+96	91				362			14	14	
32+96	33+77	41	426		66	324	50	31.2	6	6	
33+77	36+92	158				1260	90		24	24	
36+92	38+56	82	88			328		31.2	12	12	
38+56	43+35	240				958	240	62.4	36	36	
43+35	48+14	240				958	240	78	36	36	
48+14	52+11	199				794	199	93.6	30	30	
52+11	52+50	20				78			3	3	
52+50	55+52	151	320			604		62.4	23	23	
55+52	60+25	237	240			946	291	46.8	35	35	
60+25	61+10	43				170	43	78	6	6	
61+10	68+00	345				1380	345	62.4	52	52	
68+00	68+91	46				182	46		7	7	
Ann Eliza											
113+30	127+00	685			78			183.6			
127+00	130+50	88									
130+50	135+40	123									
135+40	140+22	121									
140+22	144+26	101	470		60			62.4			
		5703	3830	70	503	14294	2460	431	1416	555	555
				501			16754				

Short Term Pavement Marking		
white	lane lines	5073
yellow	bidirectional	1354
white	stop bars	3018
total lin ft		9445

Work Zone Pavement Marking Removal		
white	lane lines	837
yellow	bidirectional	223
white	stop bars	498
total sq ft		1558

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

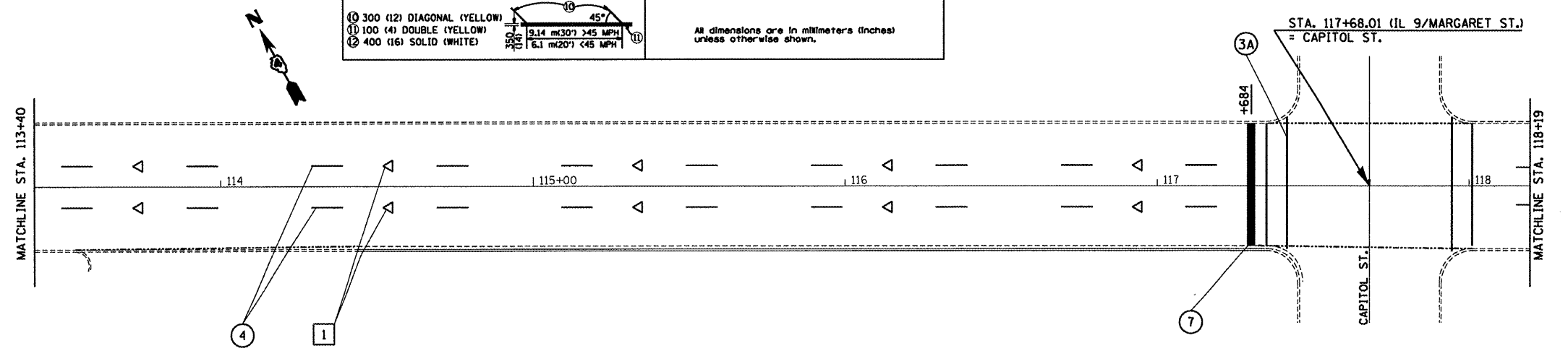
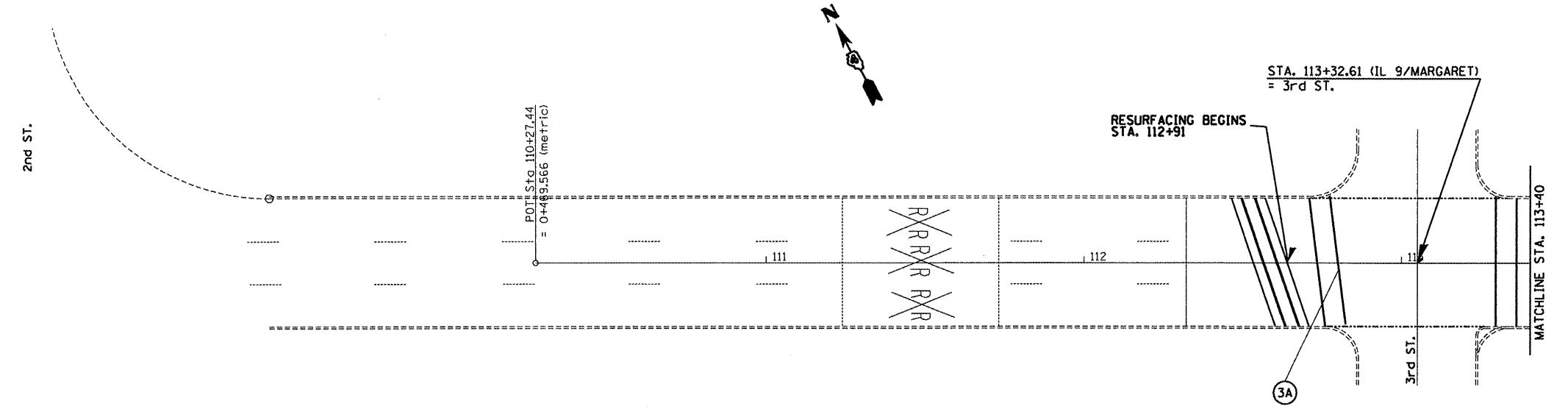
**SCHEDULE OF QUANTITIES**

DRAWN BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

DATE \_\_\_\_\_

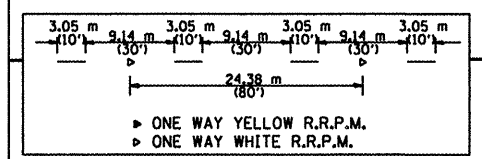
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	27
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4 CONTRACT NO. 68892				



PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
① 100 (4) SOLID (YELLOW)		① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS	
② 100 (4) SOLID (WHITE)		② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS	
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS	
⑤ 150 (6) SKIP DASH (WHITE)		⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS	
⑥ 200 (8) SOLID (WHITE)		⑥ ONE-WAY CRYSTAL MARKER	
⑦ 300 (12) DIAGONAL (WHITE)		⑦ ONE-WAY AMBER MARKER	
⑧ 600 (24) STOP BAR (WHITE)			
⑨ LETTERS AND ARROWS			
⑩ 100 (4) SKIP DASH (YELLOW)			
⑪ 300 (12) DIAGONAL (YELLOW)			
⑫ 100 (4) DOUBLE (YELLOW)			
⑬ 400 (16) SOLID (WHITE)			

DELINEATORS	
▬	DELINEATOR WITH TWO AMBER REFLECTORS
▬▬▬	DELINEATOR WITH THREE AMBER REFLECTORS

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



RESURFACING LEGEND	
▬▬▬▬▬	RESURFACING LIMITS

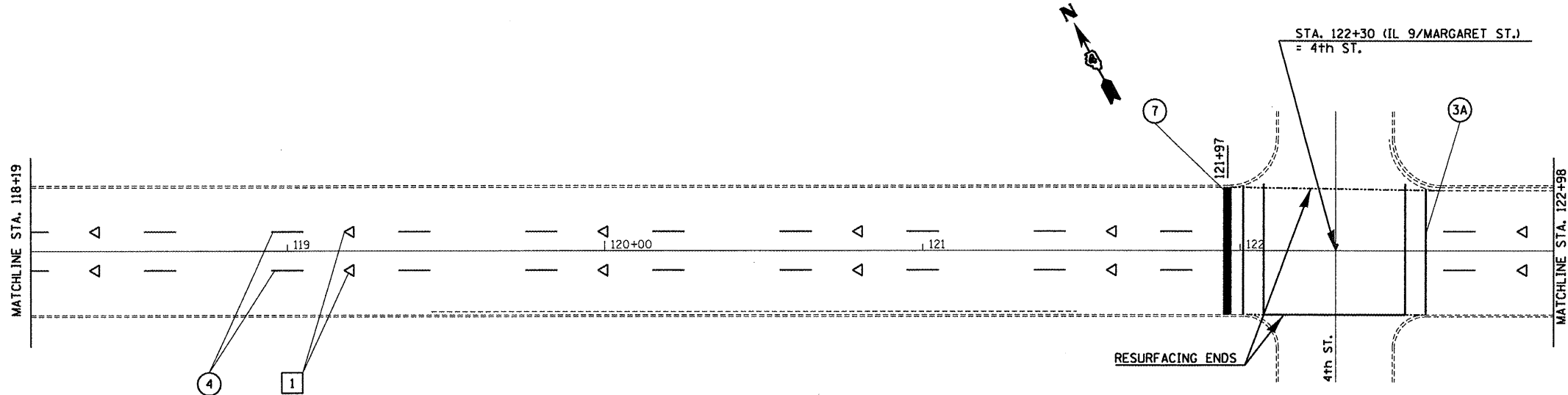
STA. 117+68.01 (IL 9/MARGARET ST.) = CAPITOL ST.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 MARGARET ST. STA. 109+69 TO STA. 118+19  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	28
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4 CONTRACT NO. 68892				



**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ③A 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 150 (6) SKIP DASH (WHITE)
- ⑤ 200 (8) SOLID (WHITE)
- ⑥ 300 (12) DIAGONAL (WHITE)
- ⑦ 600 (24) STOP BAR (WHITE)
- ⑧ LETTERS AND ARROWS
- ⑨ 100 (4) SKIP DASH (YELLOW)
- ⑩ 300 (12) DIAGONAL (YELLOW)
- ⑪ 100 (4) DOUBLE (YELLOW)
- ⑫ 400 (16) SOLID (WHITE)

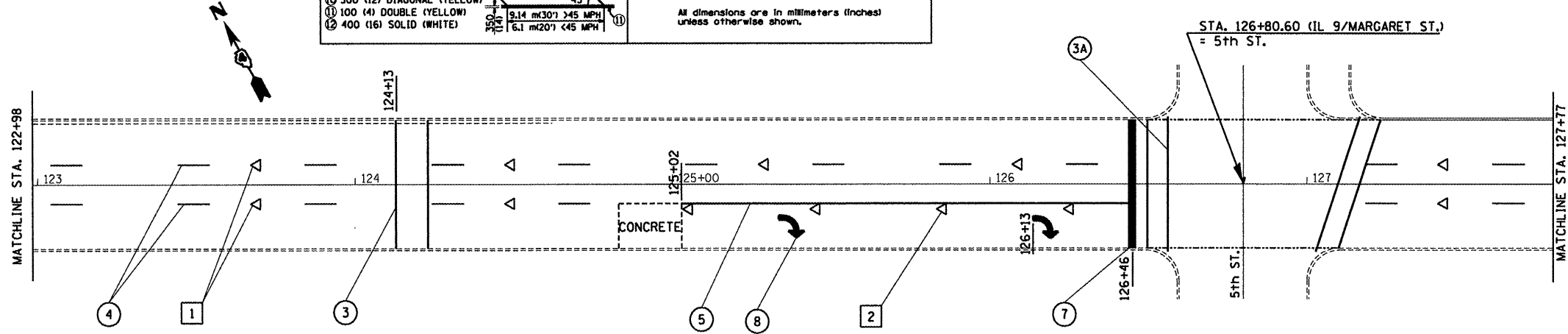
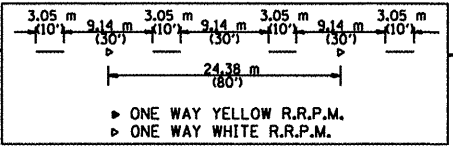
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
- ④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑥ ONE-WAY CRYSTAL MARKER
- ⑦ ONE-WAY AMBER MARKER

**DELINEATORS**

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

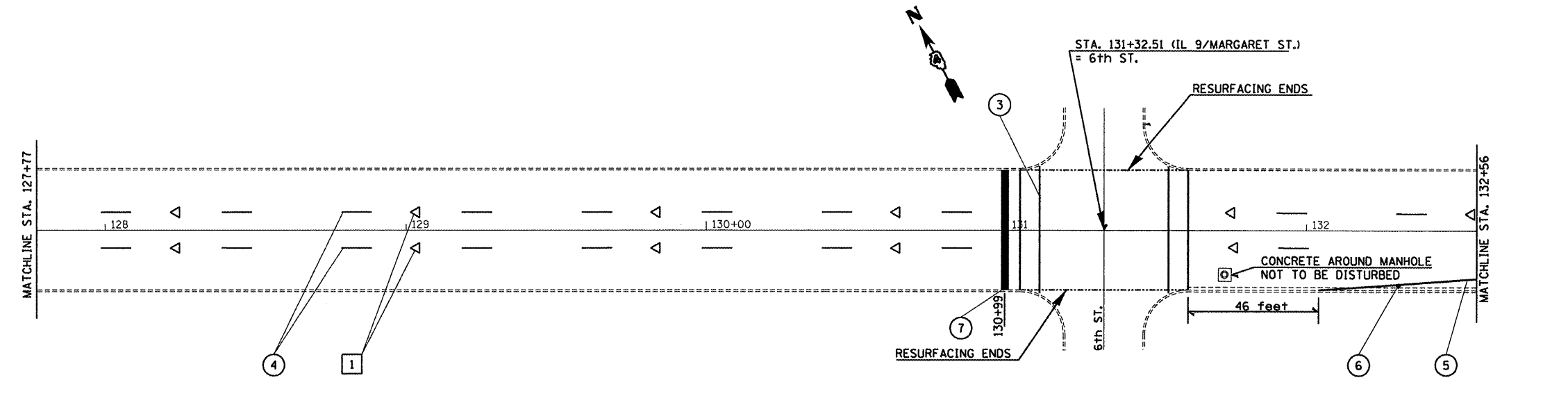
All dimensions are in millimeters (inches) unless otherwise shown.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAILS & RESURFACING LIMITS MARGARET ST. STA. 118+19 TO STA. 127+77 DRAWN BY _____ CHECKED BY _____
NAME	DATE	

\*\*DATE\*\*  
\*DGN-ONLY\*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-693		TAZEWELL	54	29
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4 CONTRACT NO. 68892				



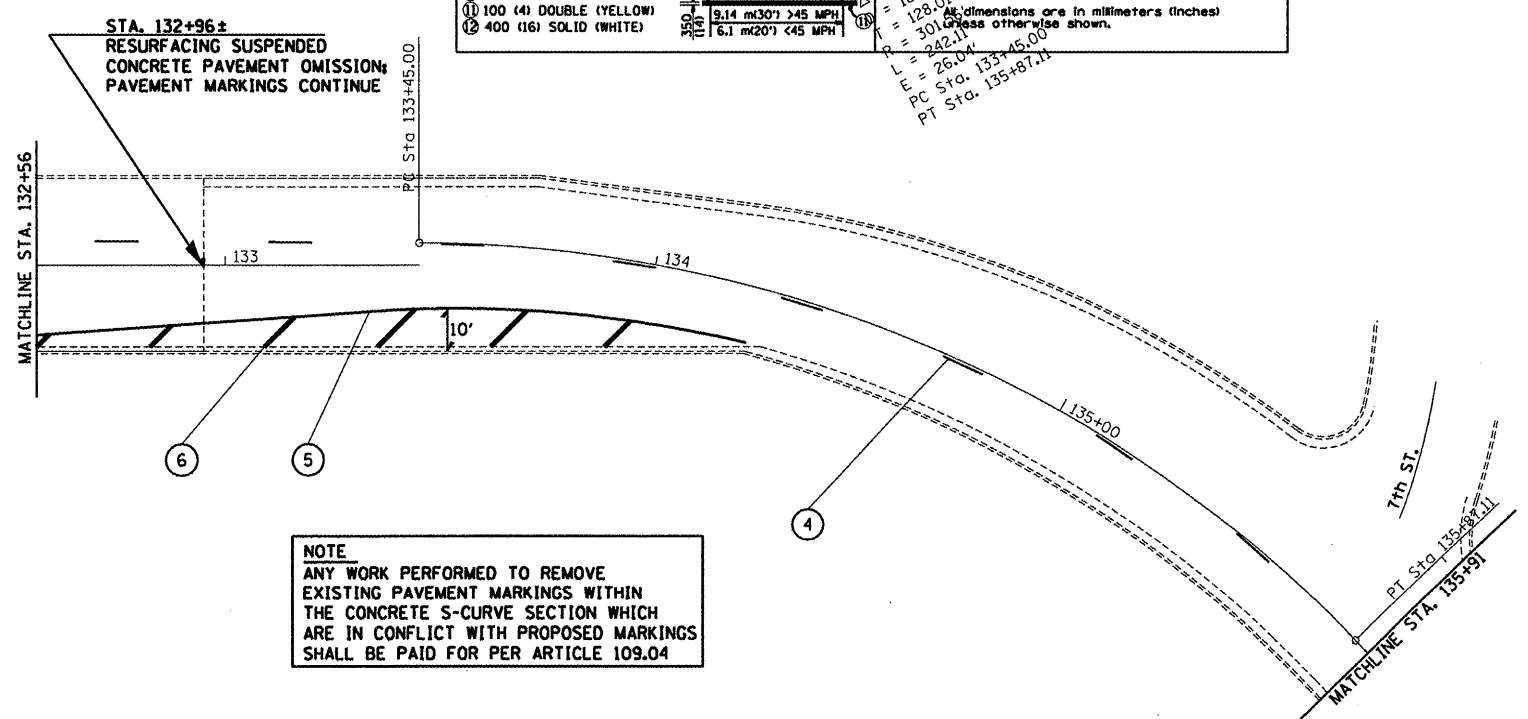
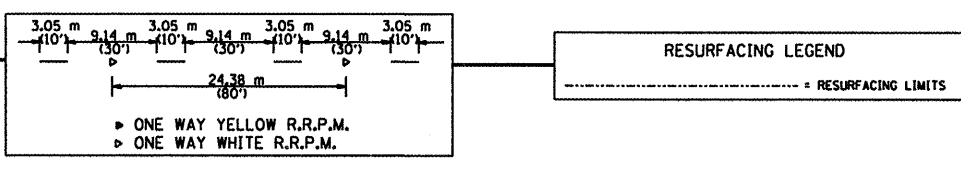
PAVEMENT MARKING LEGEND	
①	100 (4) SOLID (YELLOW)
②	100 (4) SOLID (WHITE)
③	2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
④	2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
⑤	150 (6) SKIP DASH (WHITE)
⑥	200 (8) SOLID (WHITE)
⑦	300 (12) DIAGONAL (WHITE)
⑧	600 (24) STOP BAR (WHITE)
⑨	LETTERS AND ARROWS
⑩	100 (4) SKIP DASH (YELLOW)
⑪	300 (12) DIAGONAL (YELLOW)
⑫	100 (4) DOUBLE (YELLOW)
⑬	400 (16) SOLID (WHITE)

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
1	ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
2	ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
3	ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
4	ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
5	TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
6	ONE-WAY CRYSTAL MARKER
7	ONE-WAY AMBER MARKER

DELINEATORS	
1	DELINEATOR WITH TWO AMBER REFLECTORS
2	DELINEATOR WITH THREE AMBER REFLECTORS



**NOTE**  
 ANY WORK PERFORMED TO REMOVE EXISTING PAVEMENT MARKINGS WITHIN THE CONCRETE S-CURVE SECTION WHICH ARE IN CONFLICT WITH PROPOSED MARKINGS SHALL BE PAID FOR PER ARTICLE 109.04

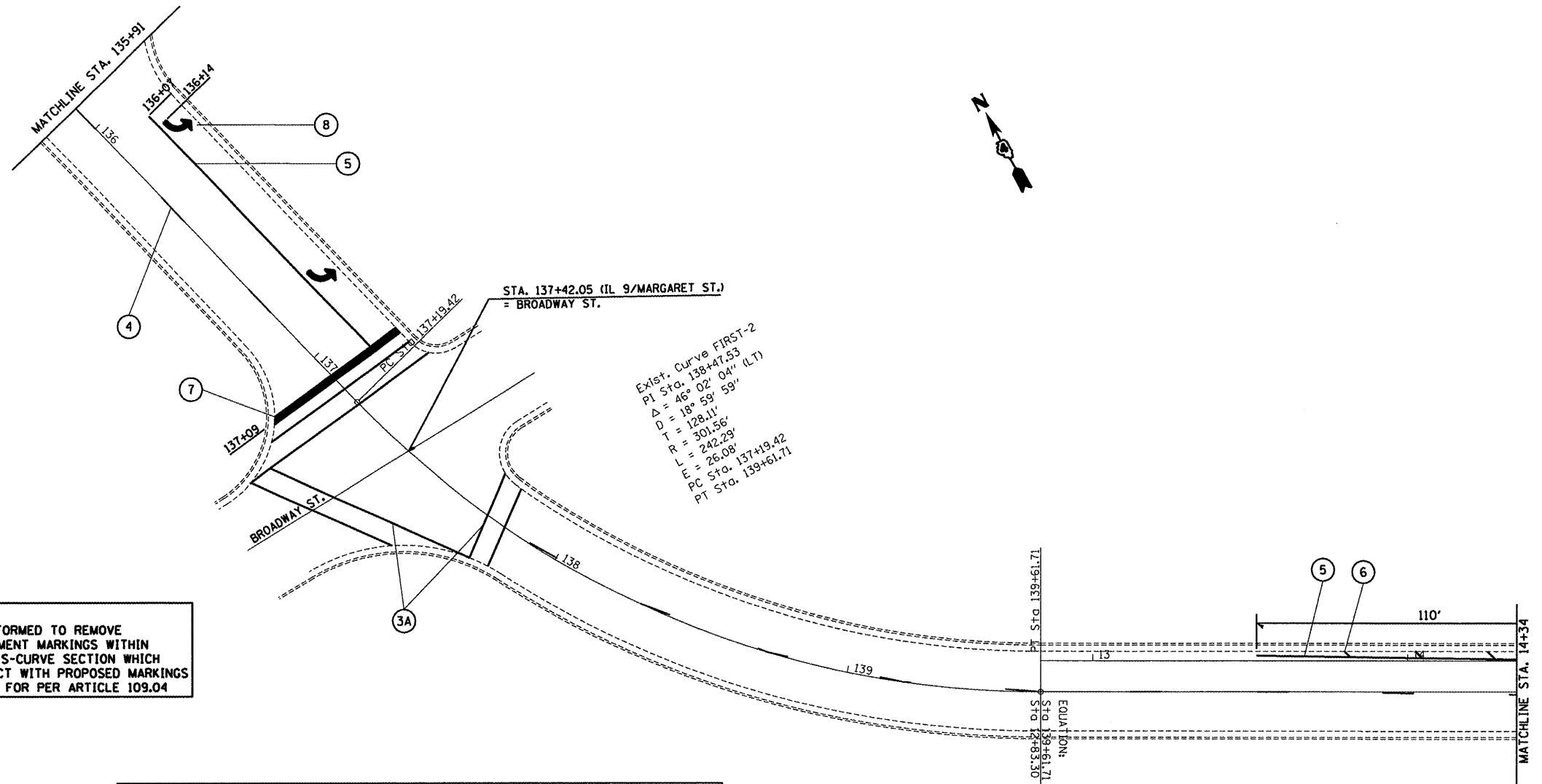
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAILS & RESURFACING LIMITS MARGARET ST. STA. 127+77 TO STA. 135+91	
DATE	DRAWN BY
	CHECKED BY

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

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	30
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*10,15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



**NOTE**  
 ANY WORK PERFORMED TO REMOVE EXISTING PAVEMENT MARKINGS WITHIN THE CONCRETE S-CURVE SECTION WHICH ARE IN CONFLICT WITH PROPOSED MARKINGS SHALL BE PAID FOR PER ARTICLE 109.04

**PAVEMENT MARKING LEGEND**

① 100 (4) SOLID (YELLOW)	⑤ 200 (8) SOLID (WHITE)
② 100 (4) SOLID (WHITE)	⑥ 300 (12) DIAGONAL (WHITE)
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	⑦ 600 (24) STOP BAR (WHITE)
③A 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	⑧ LETTERS AND ARROWS
④ 150 (6) SKIP DASH (WHITE)	⑨ 100 (4) SKIP DASH (YELLOW)
⑩ 300 (12) DIAGONAL (YELLOW)	
⑪ 100 (4) DOUBLE (YELLOW)	
⑫ 400 (16) SOLID (WHITE)	

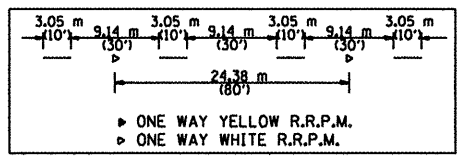
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑥ ONE-WAY CRYSTAL MARKER
⑦ ONE-WAY AMBER MARKER

**DELINEATORS**

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

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



**RESURFACING LEGEND**

---	RESURFACING LIMITS
-----	--------------------

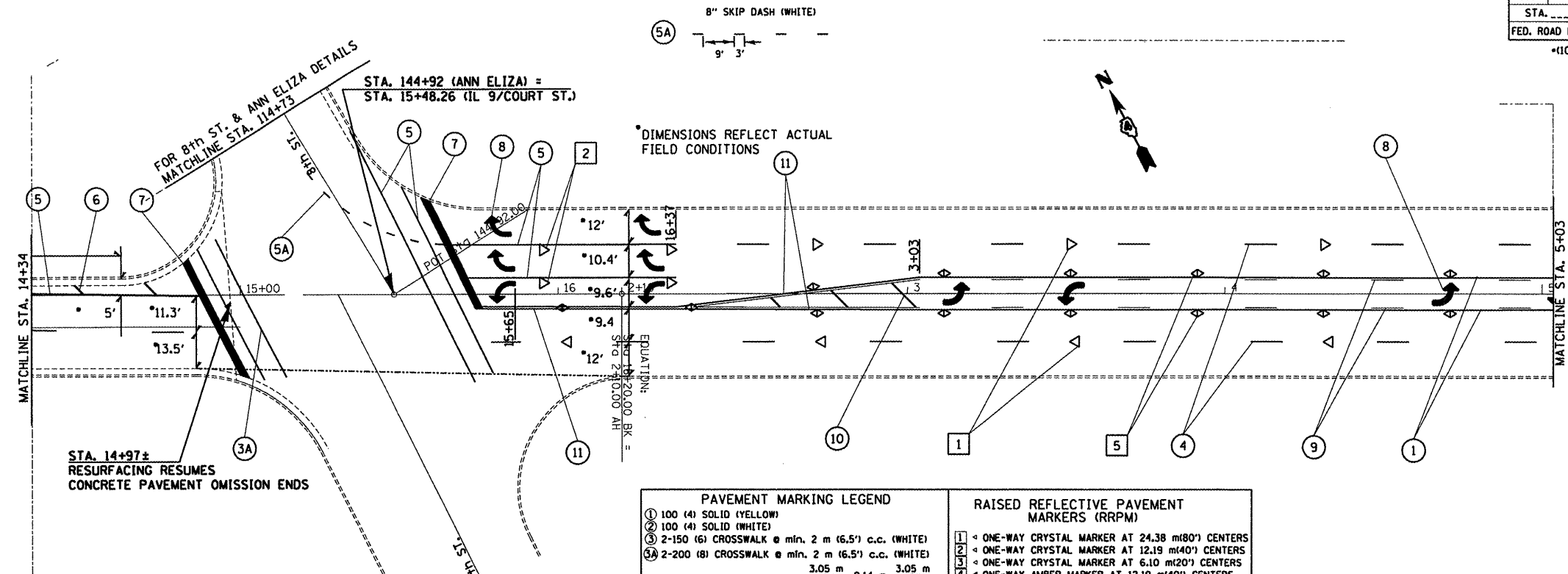
**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 MARGARET ST. STA. 135+91 TO STA. 14+34  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

DATE: \$ \$  
 DON-ONLY \*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
693	*	TAZEWELL	54 31
STA.	TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
*10,15RS-5, 9RS, 13RS-2, 15RS-4			
CONTRACT NO. 68892			



RESURFACING LEGEND  
 --- RESURFACING LIMITS

**PAVEMENT MARKING LEGEND**

① 100 (4) SOLID (YELLOW)	
② 100 (4) SOLID (WHITE)	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	
⑤ 150 (6) SKIP DASH (WHITE)	
⑥ 200 (8) SOLID (WHITE)	
⑦ 300 (12) DIAGONAL (WHITE)	
⑧ 600 (24) STOP BAR (WHITE)	
⑨ LETTERS AND ARROWS	
⑩ 100 (4) SKIP DASH (YELLOW)	
⑪ 300 (12) DIAGONAL (YELLOW)	
⑫ 100 (4) DOUBLE (YELLOW)	
⑬ 400 (16) SOLID (WHITE)	

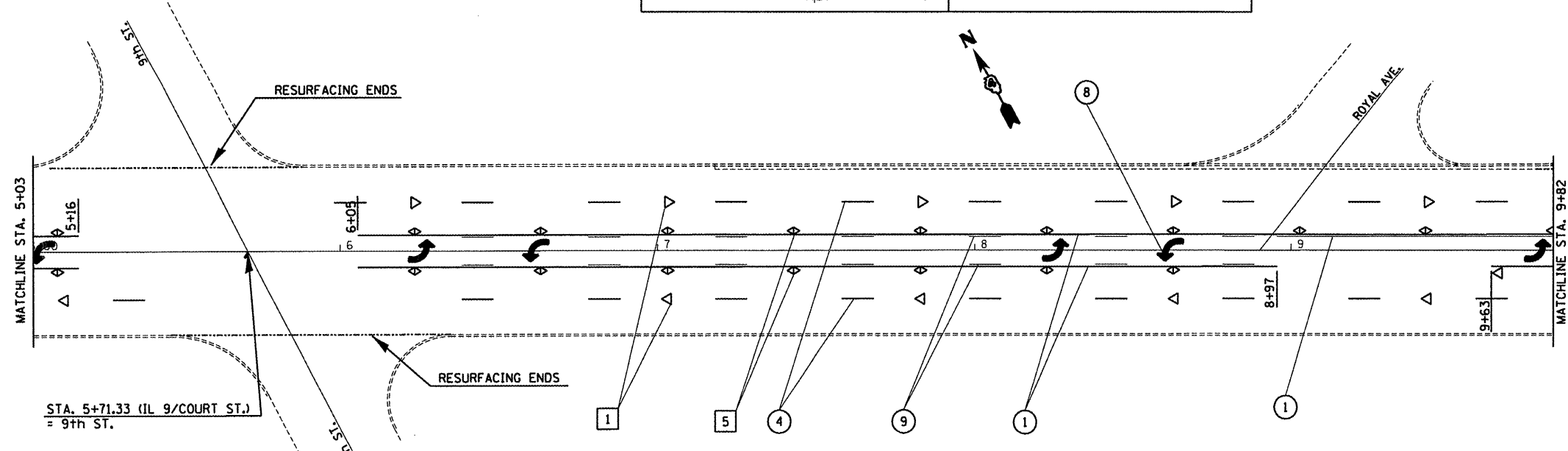
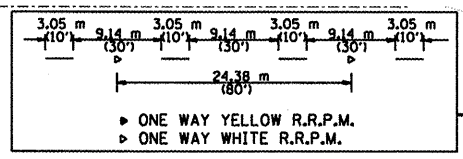
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

①	ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
②	ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
③	ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
④	ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑤	TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑥	ONE-WAY CRYSTAL MARKER
⑦	ONE-WAY AMBER MARKER

**DELINEATORS**

- ① DELINEATOR WITH TWO AMBER REFLECTORS
- ② DELINEATOR WITH THREE AMBER REFLECTORS

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

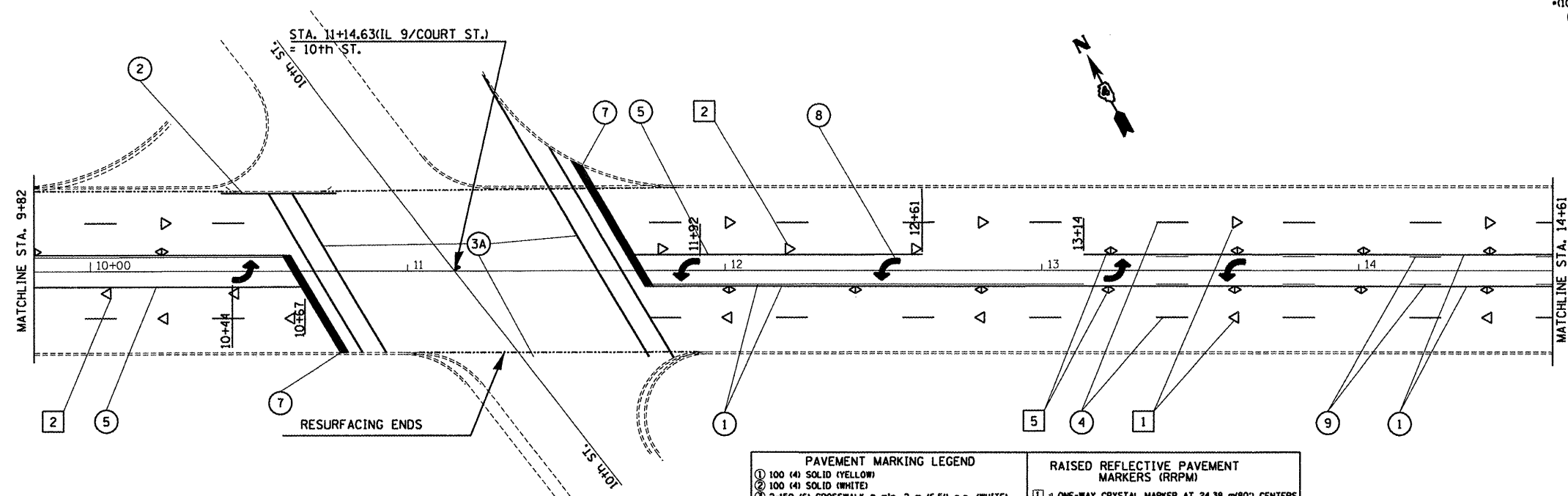


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 COURT ST./IL. 9 STA.14+34 TO STA. 9+82  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

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

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	32
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10,15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ③A 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 150 (6) SKIP DASH (WHITE)
- ⑤ 200 (8) SOLID (WHITE)
- ⑥ 300 (12) DIAGONAL (WHITE)
- ⑦ 600 (24) STOP BAR (WHITE)
- ⑧ LETTERS AND ARROWS
- ⑨ 100 (4) SKIP DASH (YELLOW)
- ⑩ 300 (12) DIAGONAL (YELLOW)
- ⑪ 100 (4) DOUBLE (YELLOW)
- ⑫ 400 (16) SOLID (WHITE)

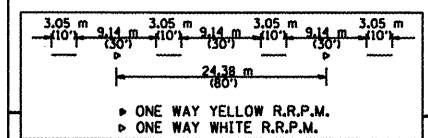
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
- ④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑥ ONE-WAY CRYSTAL MARKER
- ⑦ ONE-WAY AMBER MARKER

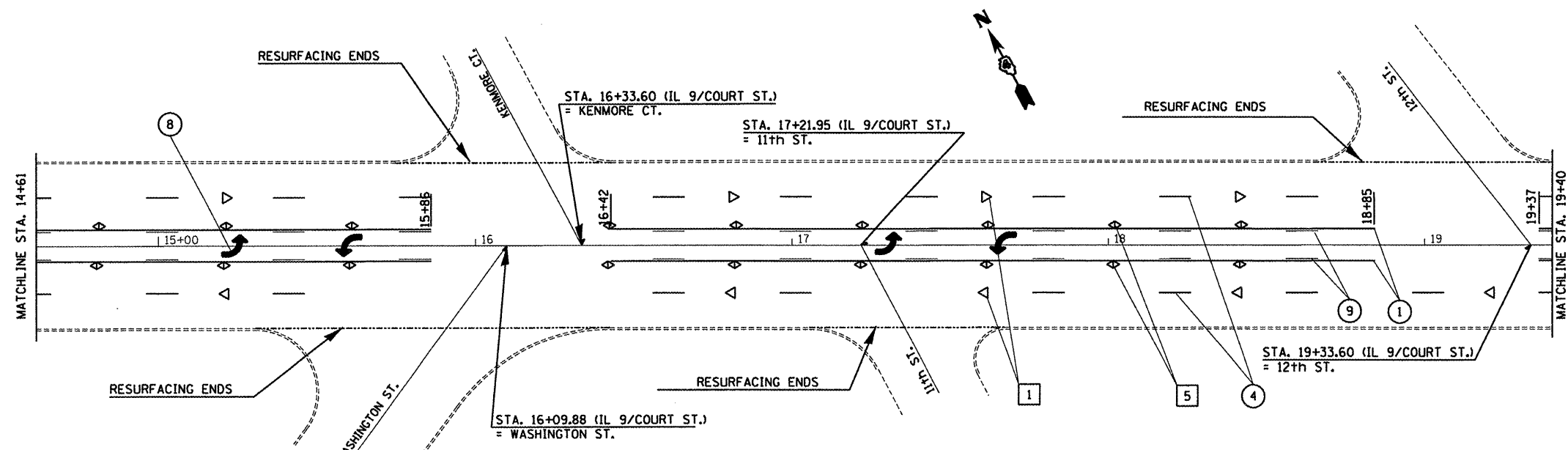
**DELINEATORS**

- ① DELINEATOR WITH TWO AMBER REFLECTORS
- ② DELINEATOR WITH THREE AMBER REFLECTORS

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



**RESURFACING LEGEND**  
 - - - - - = RESURFACING LIMITS

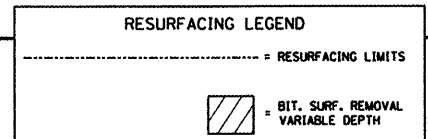
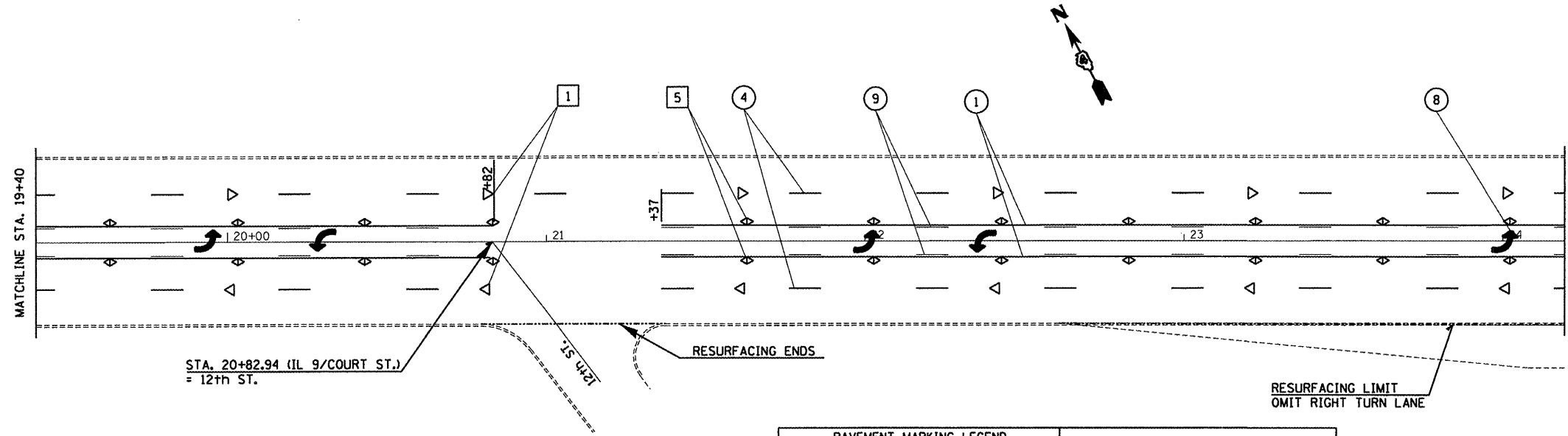


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAILS & RESURFACING LIMITS COURT ST./IL. 9 STA. 9+82 TO STA. 19+40
NAME	DATE	
		DRAWN BY CHECKED BY DATE

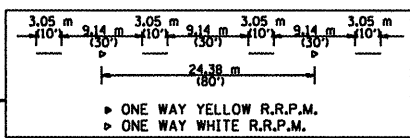
DATE  
 \*OGN-ONLY\*



F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	33
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
*10,15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				

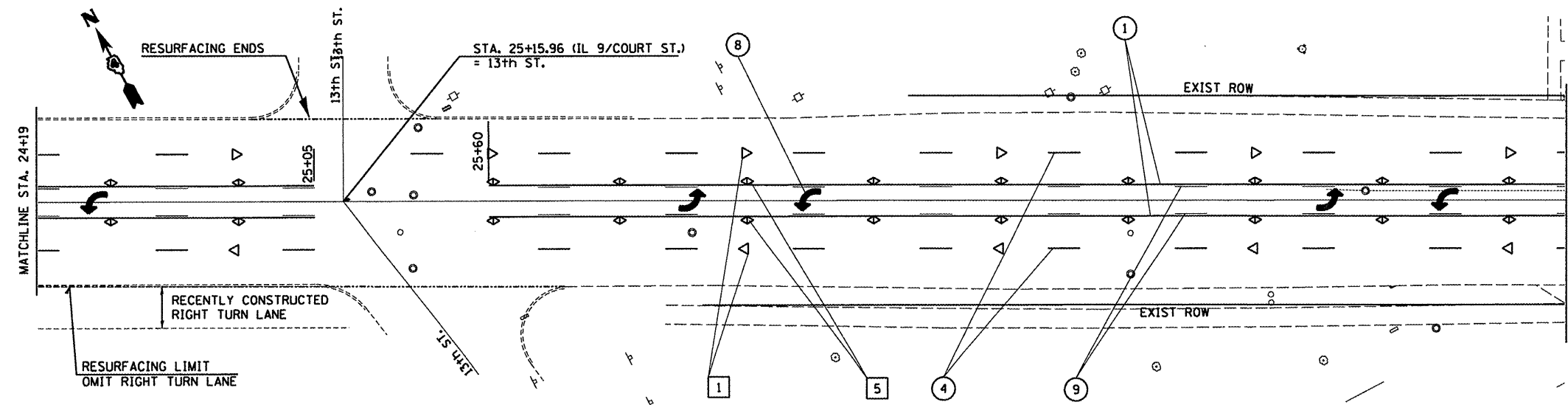


PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
① 100 (4) SOLID (YELLOW)		① ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS	
② 100 (4) SOLID (WHITE)		② ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		③ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS	
④ 150 (6) SKIP DASH (WHITE)		④ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑤ 200 (8) SOLID (WHITE)		⑤ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑥ 300 (12) DIAGONAL (WHITE)		⑥ ONE-WAY CRYSTAL MARKER	
⑦ 600 (24) STOP BAR (WHITE)		⑦ ONE-WAY AMBER MARKER	
⑧ LETTERS AND ARROWS		⑧ ONE-WAY AMBER MARKER	
⑨ 100 (4) SKIP DASH (YELLOW)		⑨ ONE-WAY AMBER MARKER	
⑩ 300 (12) DIAGONAL (YELLOW)		⑩ DELINEATOR WITH TWO AMBER REFLECTORS	
⑪ 100 (4) DOUBLE (YELLOW)		⑪ DELINEATOR WITH THREE AMBER REFLECTORS	



DELINEATORS	
■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS

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

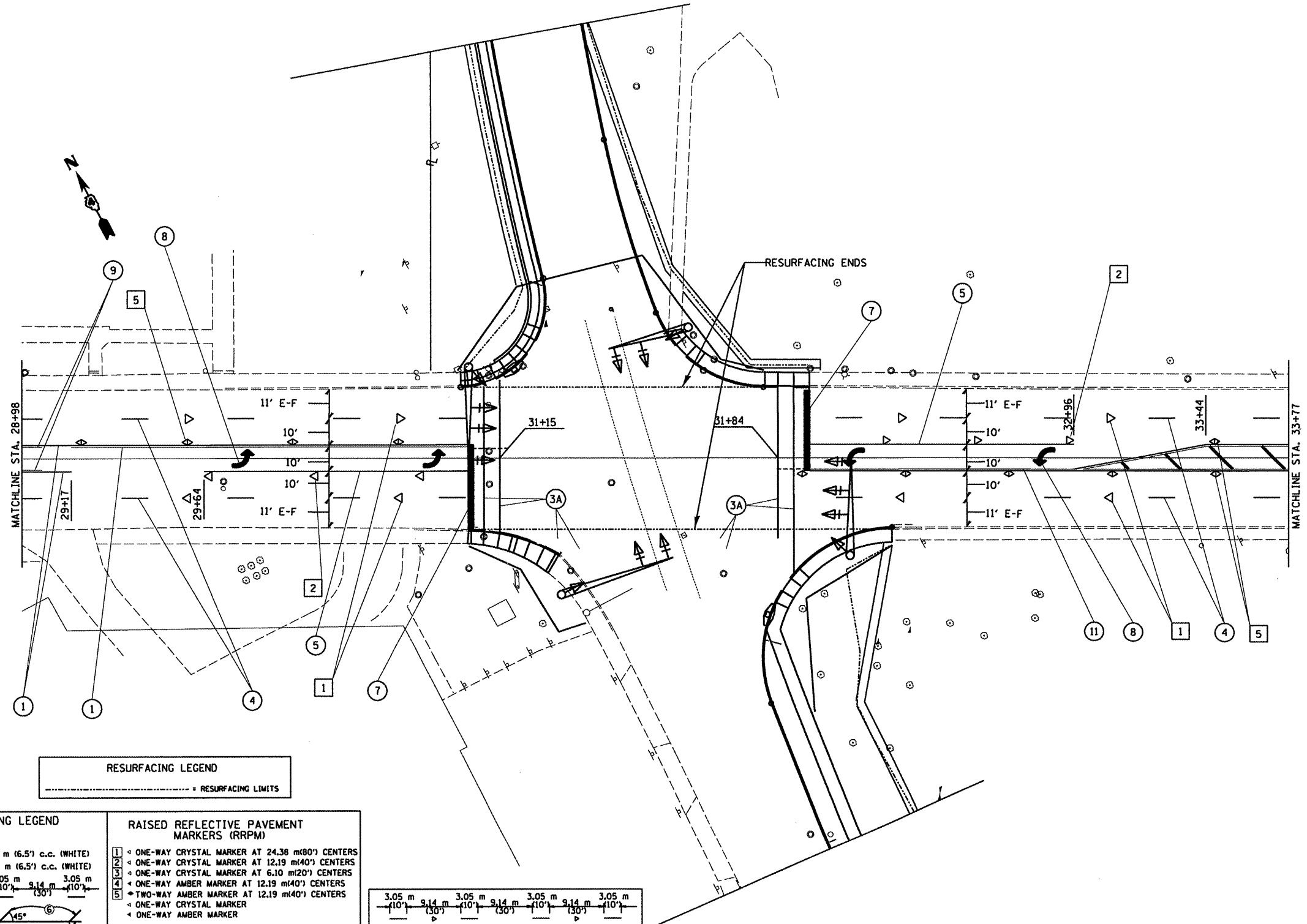


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 COURT ST./IL. 9 19+40 TO STA. 28+98  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

DATE: 11/11/98  
 DGN: ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	34
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*10,15IRS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



**RESURFACING LEGEND**  
 - - - - - RESURFACING LIMITS

**PAVEMENT MARKING LEGEND**

① 100 (4) SOLID (YELLOW)	⑤ 200 (8) SOLID (WHITE)
② 100 (4) SOLID (WHITE)	⑥ 300 (12) DIAGONAL (WHITE)
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	⑦ 600 (24) STOP BAR (WHITE)
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)	⑧ LETTERS AND ARROWS
④ 150 (6) SKIP DASH (WHITE)	⑨ 100 (4) SKIP DASH (YELLOW)
⑩ 300 (12) DIAGONAL (YELLOW)	⑪ 100 (4) DOUBLE (YELLOW)
⑪ 100 (4) DOUBLE (YELLOW)	⑫ 400 (16) SOLID (WHITE)
⑫ 400 (16) SOLID (WHITE)	

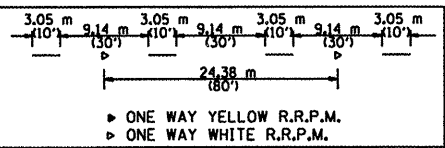
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
⑥ ONE-WAY CRYSTAL MARKER
⑦ ONE-WAY AMBER MARKER

**DELINEATORS**

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

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



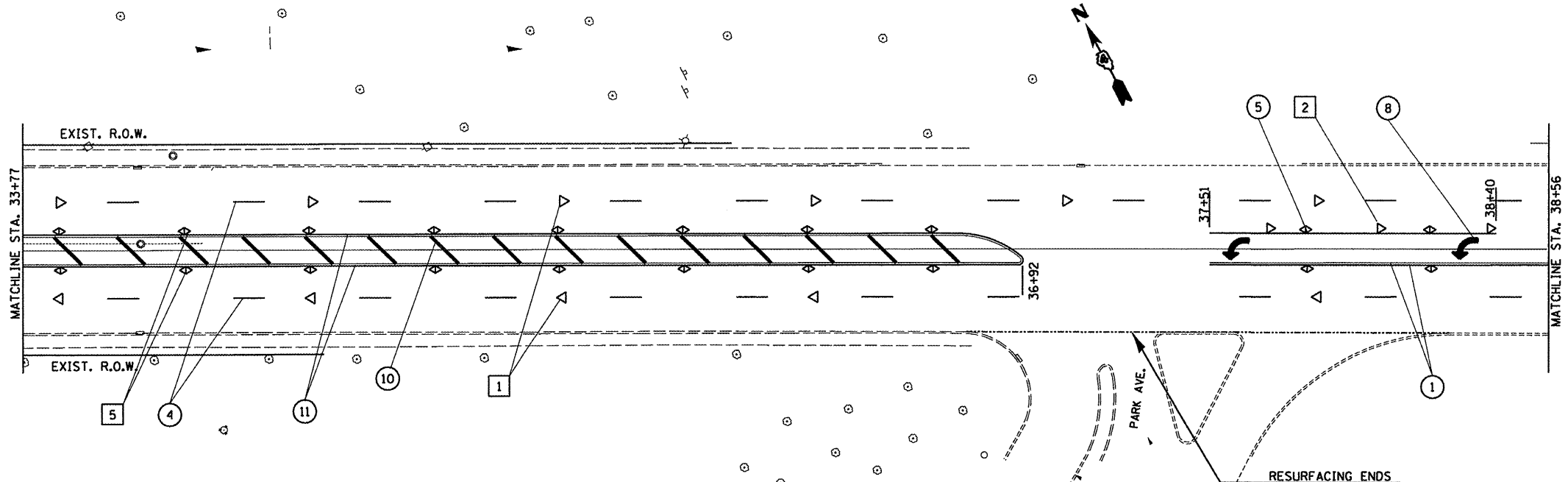
**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
 COURT ST./IL. 9 28+98 TO STA. 33+77  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10,151RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ⑤ 150 (6) SKIP DASH (WHITE)
- ⑥ 200 (8) SOLID (WHITE)
- ⑦ 300 (12) DIAGONAL (WHITE)
- ⑧ 600 (24) STOP BAR (WHITE)
- ⑨ LETTERS AND ARROWS
- ⑩ 100 (4) SKIP DASH (YELLOW)
- ⑪ 300 (12) DIAGONAL (YELLOW)
- ⑫ 100 (4) DOUBLE (YELLOW)
- ⑬ 400 (16) SOLID (WHITE)

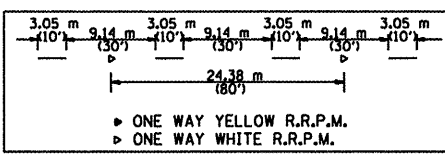
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- ④ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- ⑥ ONE-WAY CRYSTAL MARKER
- ⑦ ONE-WAY AMBER MARKER

**DELINEATORS**

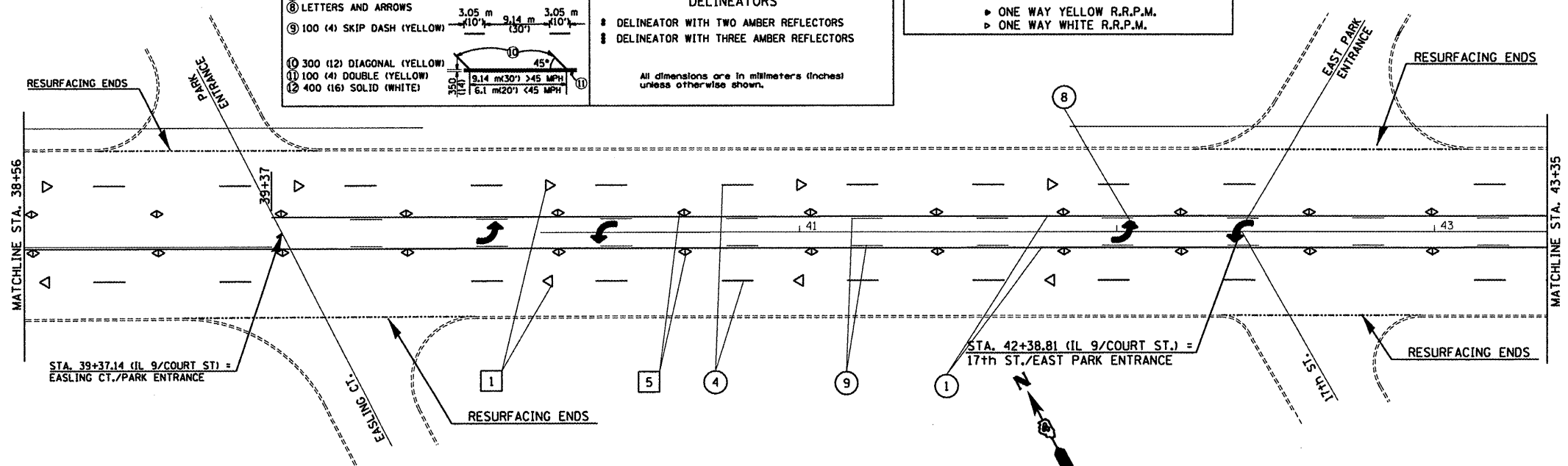
- ① DELINEATOR WITH TWO AMBER REFLECTORS
- ② DELINEATOR WITH THREE AMBER REFLECTORS

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



**RESURFACING LEGEND**

- RESURFACING LIMITS
- ▨ BIT. SURF. REMOVAL VARIABLE DEPTH

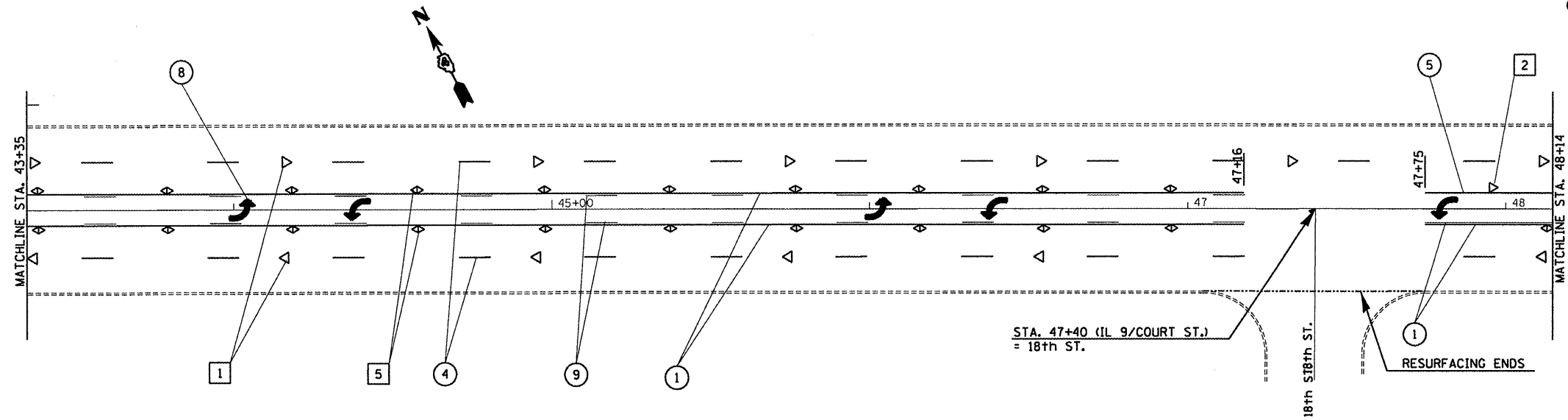


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 COURT ST./IL. 9 33+77 TO STA. 43+35  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				

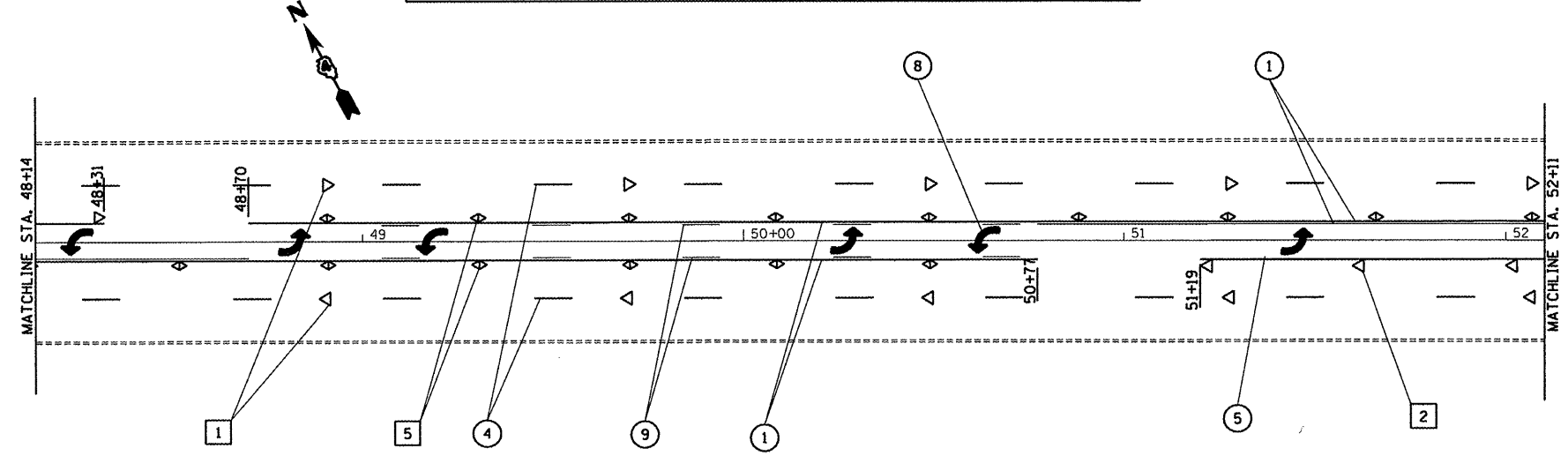
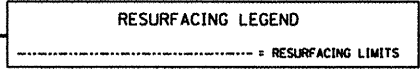
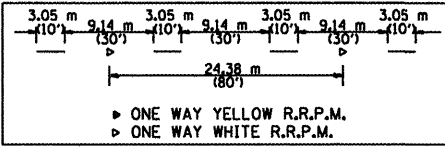


PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
① 100 (4) SOLID (YELLOW)		① ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS	
② 100 (4) SOLID (WHITE)		② ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		③ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS	
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		④ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑤ 150 (6) SKIP DASH (WHITE)		⑤ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑥ 200 (8) SOLID (WHITE)		⑥ ONE-WAY CRYSTAL MARKER	
⑦ 300 (12) DIAGONAL (WHITE)		⑦ ONE-WAY AMBER MARKER	
⑧ 600 (24) STOP BAR (WHITE)			
⑨ LETTERS AND ARROWS			
⑩ 100 (4) SKIP DASH (YELLOW)			
⑪ 300 (12) DIAGONAL (YELLOW)			
⑫ 100 (4) DOUBLE (YELLOW)			
⑬ 400 (16) SOLID (WHITE)			

DELINEATORS	
①	DELINEATOR WITH TWO AMBER REFLECTORS
②	DELINEATOR WITH THREE AMBER REFLECTORS

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

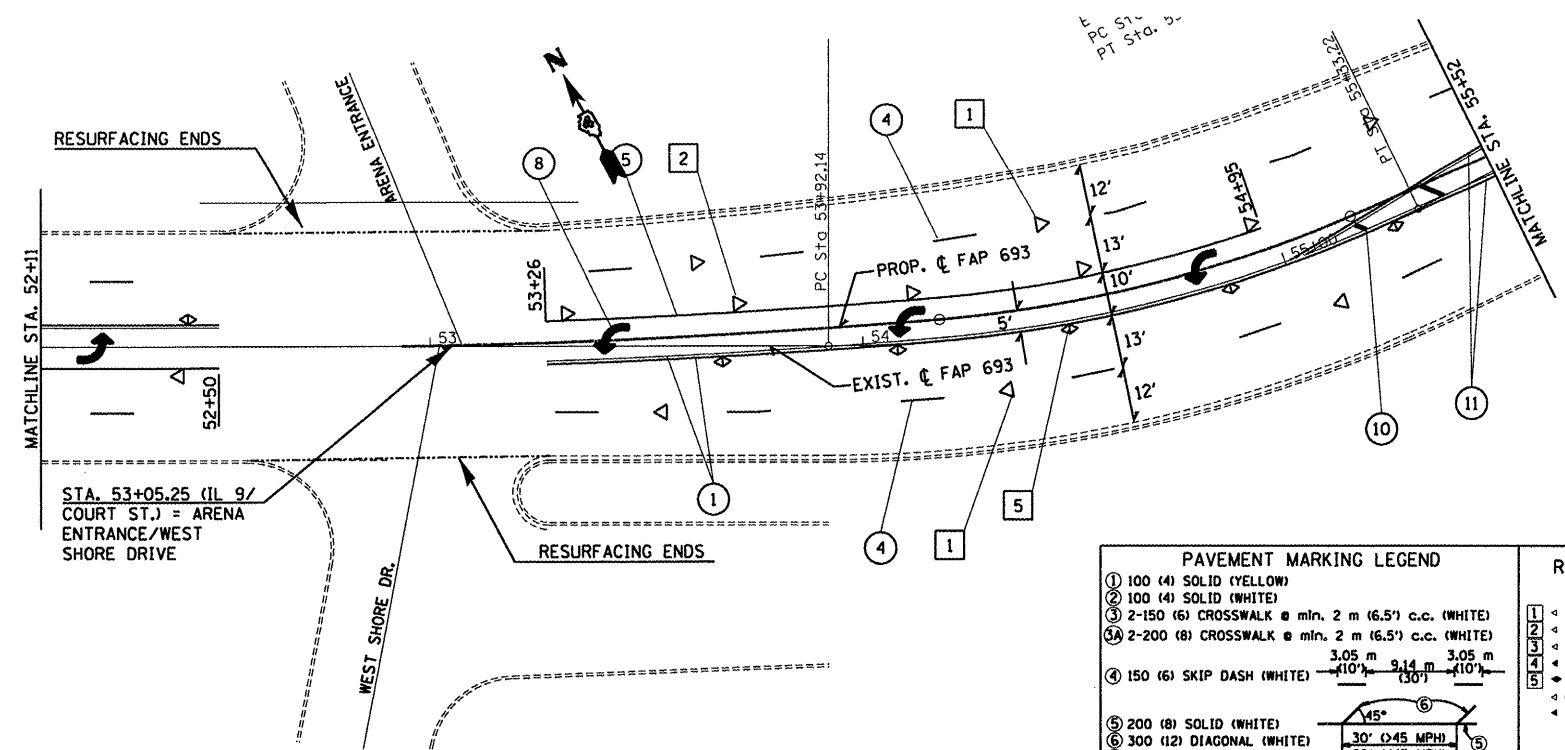


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 COURT ST./IL. 9 43+35 TO STA. 52+11  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

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

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	37
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* (10, 15) RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



STA. 53+05.25 (IL 9/  
COURT ST.) = ARENA  
ENTRANCE/WEST  
SHORE DRIVE

RESURFACING LEGEND  
--- = RESURFACING LIMITS

**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ⑤ 150 (6) SKIP DASH (WHITE)
- ⑥ 200 (8) SOLID (WHITE)
- ⑦ 300 (12) DIAGONAL (WHITE)
- ⑧ 600 (24) STOP BAR (WHITE)
- ⑨ LETTERS AND ARROWS
- ⑩ 100 (4) SKIP DASH (YELLOW)
- ⑪ 300 (12) DIAGONAL (YELLOW)
- ⑫ 100 (4) DOUBLE (YELLOW)
- ⑬ 400 (16) SOLID (WHITE)

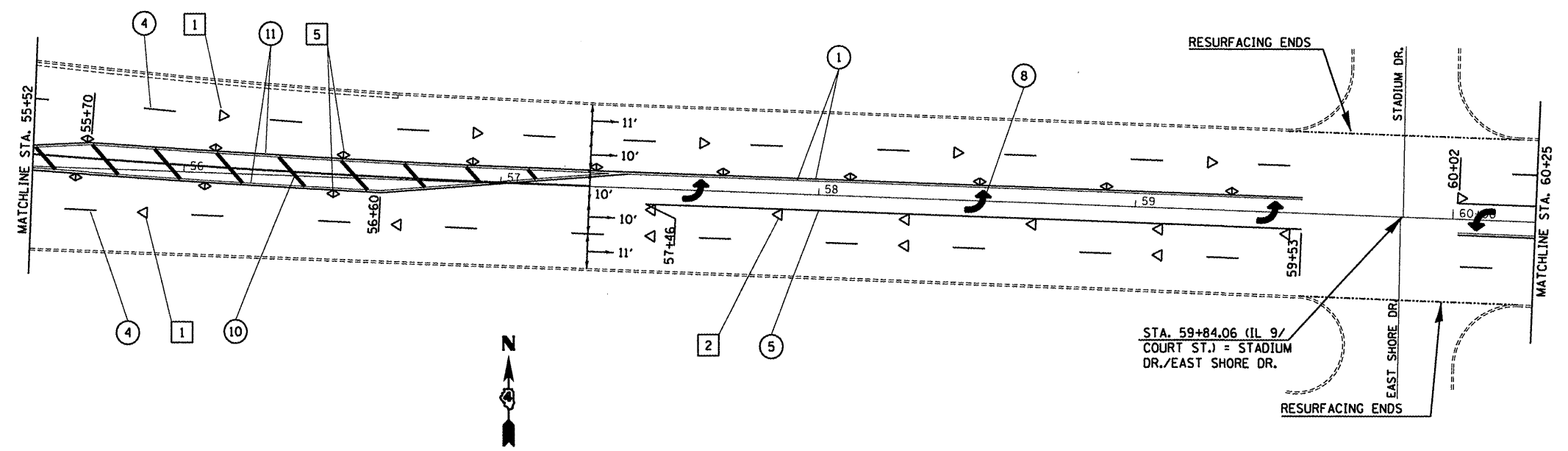
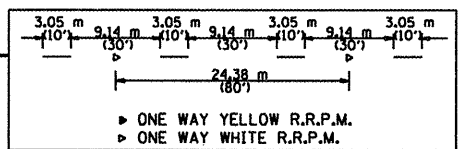
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
- ④ ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- ⑥ ONE-WAY CRYSTAL MARKER
- ⑦ ONE-WAY AMBER MARKER

**DELINEATORS**

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

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



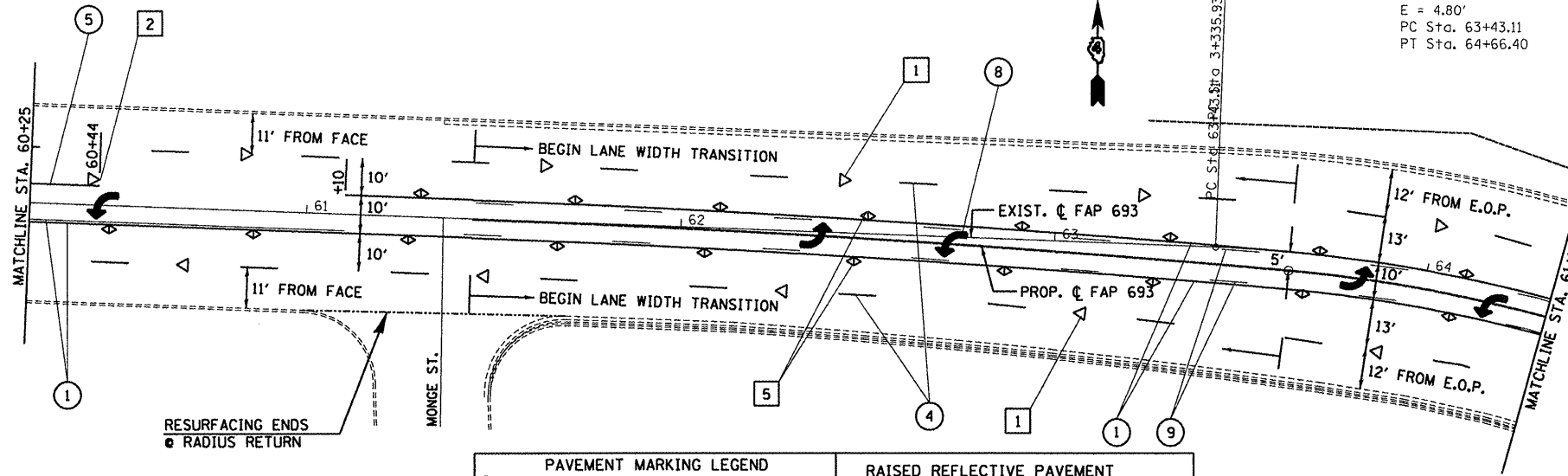
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 COURT ST./IL. 9 STA. 52+11 TO STA. 60+25  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

\$\$\$DATE\$\$\$  
 \*DON-ONLY\*

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10,15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				

T = 62.13'  
R = 400.00'  
L = 123.28'  
E = 4.80'  
PC Sta. 63+43.11  
PT Sta. 64+66.40



**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ⑤ 150 (6) SKIP DASH (WHITE)
- ⑥ 200 (8) SOLID (WHITE)
- ⑦ 300 (12) DIAGONAL (WHITE)
- ⑧ 600 (24) STOP BAR (WHITE)
- ⑨ LETTERS AND ARROWS
- ⑩ 100 (4) SKIP DASH (YELLOW)
- ⑪ 300 (12) DIAGONAL (YELLOW)
- ⑫ 100 (4) DOUBLE (YELLOW)
- ⑬ 400 (16) SOLID (WHITE)

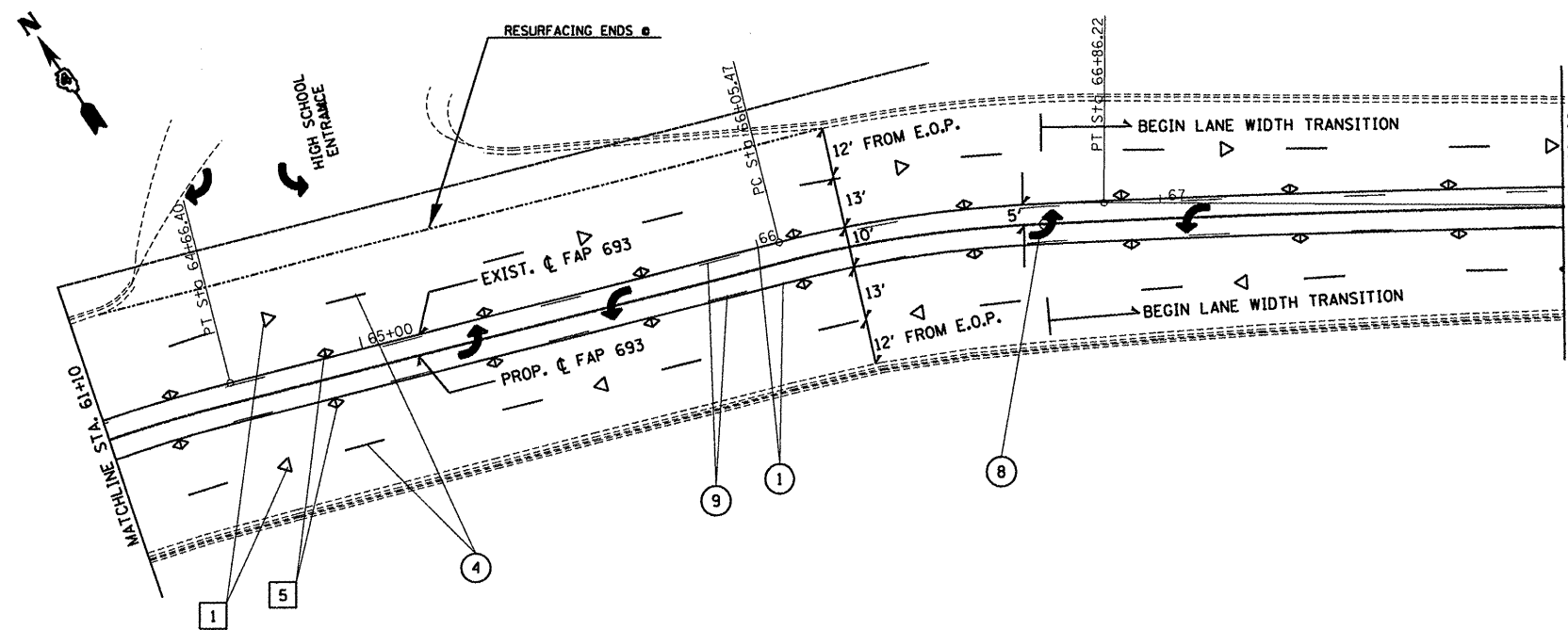
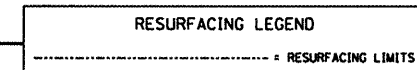
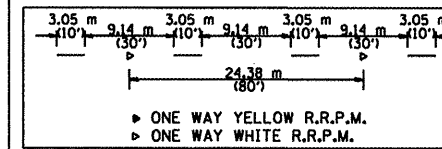
**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- 1 < ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 < ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 < ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 < ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 < TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 6 < ONE-WAY CRYSTAL MARKER
- 7 < ONE-WAY AMBER MARKER

**DELINEATORS**

- 8 DELINEATOR WITH TWO AMBER REFLECTORS
- 9 DELINEATOR WITH THREE AMBER REFLECTORS

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

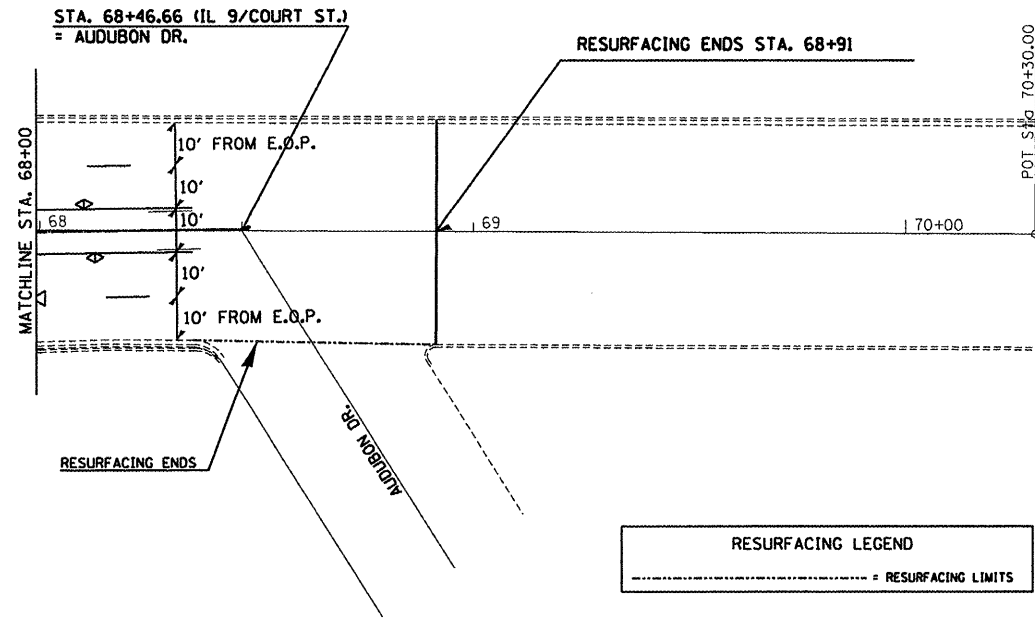


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
DETAILS &  
RESURFACING LIMITS**  
COURT ST./IL. 9 STA. 60+25 TO STA. 68+00  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_

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

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	39
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10,15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				

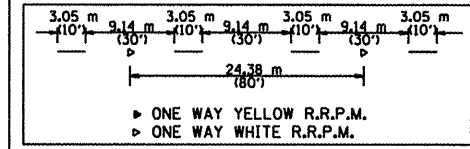


PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
① 100 (4) SOLID (YELLOW)		① ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS	
② 100 (4) SOLID (WHITE)		② ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		③ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS	
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		④ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑤ 150 (6) SKIP DASH (WHITE)		⑤ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑥ 200 (8) SOLID (WHITE)		⑥ ONE-WAY CRYSTAL MARKER	
⑦ 300 (12) DIAGONAL (WHITE)			
⑧ 600 (24) STOP BAR (WHITE)			
⑨ LETTERS AND ARROWS			
⑩ 100 (4) SKIP DASH (YELLOW)			
⑪ 300 (12) DIAGONAL (YELLOW)			
⑫ 100 (4) DOUBLE (YELLOW)			
⑬ 400 (16) SOLID (WHITE)			

DELINEATORS	
▬	DELINEATOR WITH TWO AMBER REFLECTORS
▬	DELINEATOR WITH THREE AMBER REFLECTORS

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

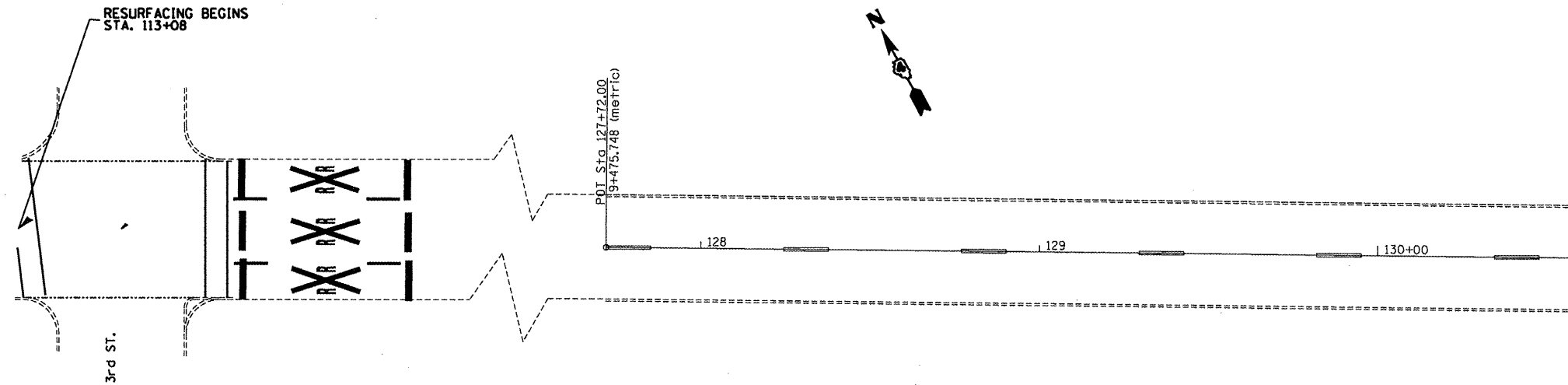


RESURFACING LEGEND  
 - - - - - RESURFACING LIMITS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAILS & RESURFACING LIMITS COURT ST./IL. 9 STA. 68+00 TO STA. 68+91 DRAWN BY _____ DATE _____ CHECKED BY _____
NAME	DATE	

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

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		IAZEWELL	54	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*10, 15RS-5, 9RS, 13RS-2, 15RS-4		
		CONTRACT NO. 68892		



**PAVEMENT MARKING LEGEND**

- ① 100 (4) SOLID (YELLOW)
- ② 100 (4) SOLID (WHITE)
- ③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)
- ④ 150 (6) SKIP DASH (WHITE)
  - 3.05 m (10')
  - 9.14 m (30')
  - 3.05 m (10')
- ⑤ 200 (8) SOLID (WHITE)
- ⑥ 300 (12) DIAGONAL (WHITE)
  - 30' (>45 MPH)
  - 20' (<45 MPH)
- ⑦ 600 (24) STOP BAR (WHITE)
- ⑧ LETTERS AND ARROWS
- ⑨ 100 (4) SKIP DASH (YELLOW)
  - 3.05 m (10')
  - 9.14 m (30')
  - 3.05 m (10')
- ⑩ 300 (12) DIAGONAL (YELLOW)
- ⑪ 100 (4) DOUBLE (YELLOW)
- ⑫ 400 (16) SOLID (WHITE)
  - 9.14 m (30') >45 MPH
  - 6.1 m (20') <45 MPH

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- 1 < ONE-WAY CRYSTAL MARKER AT 24.38 m (80') CENTERS
- 2 < ONE-WAY CRYSTAL MARKER AT 12.19 m (40') CENTERS
- 3 < ONE-WAY CRYSTAL MARKER AT 6.10 m (20') CENTERS
- 4 < ONE-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- 5 < TWO-WAY AMBER MARKER AT 12.19 m (40') CENTERS
- 6 < ONE-WAY CRYSTAL MARKER
- 7 < ONE-WAY AMBER MARKER

**DELINEATORS**

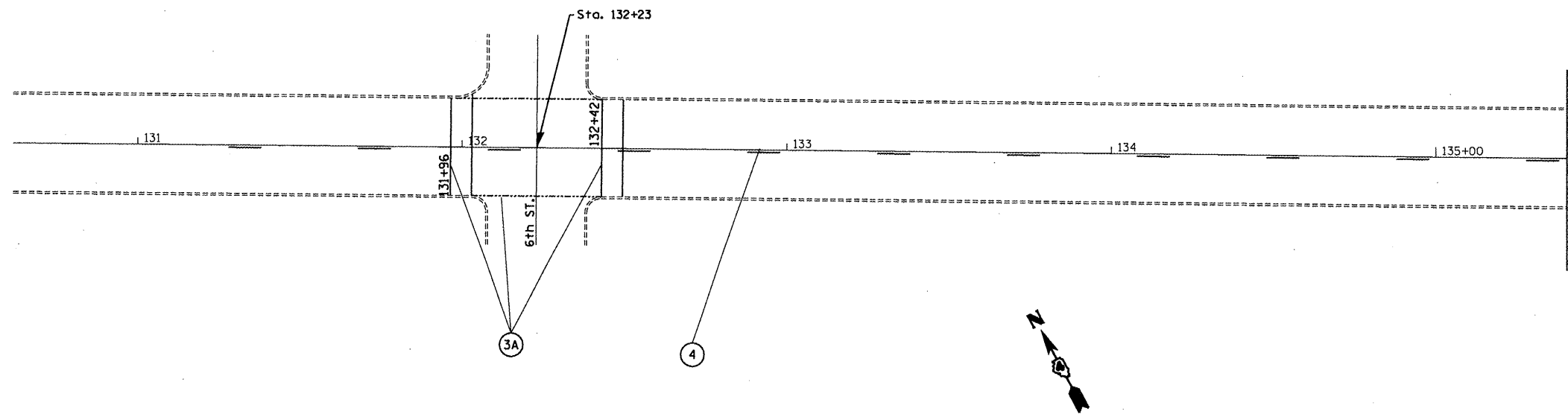
- 1 DELINEATOR WITH TWO AMBER REFLECTORS
- 2 DELINEATOR WITH THREE AMBER REFLECTORS

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

**RESURFACING LEGEND**

----- RESURFACING LIMITS

- ▶ ONE WAY YELLOW R.R.P.M.
- ▶ ONE WAY WHITE R.R.P.M.



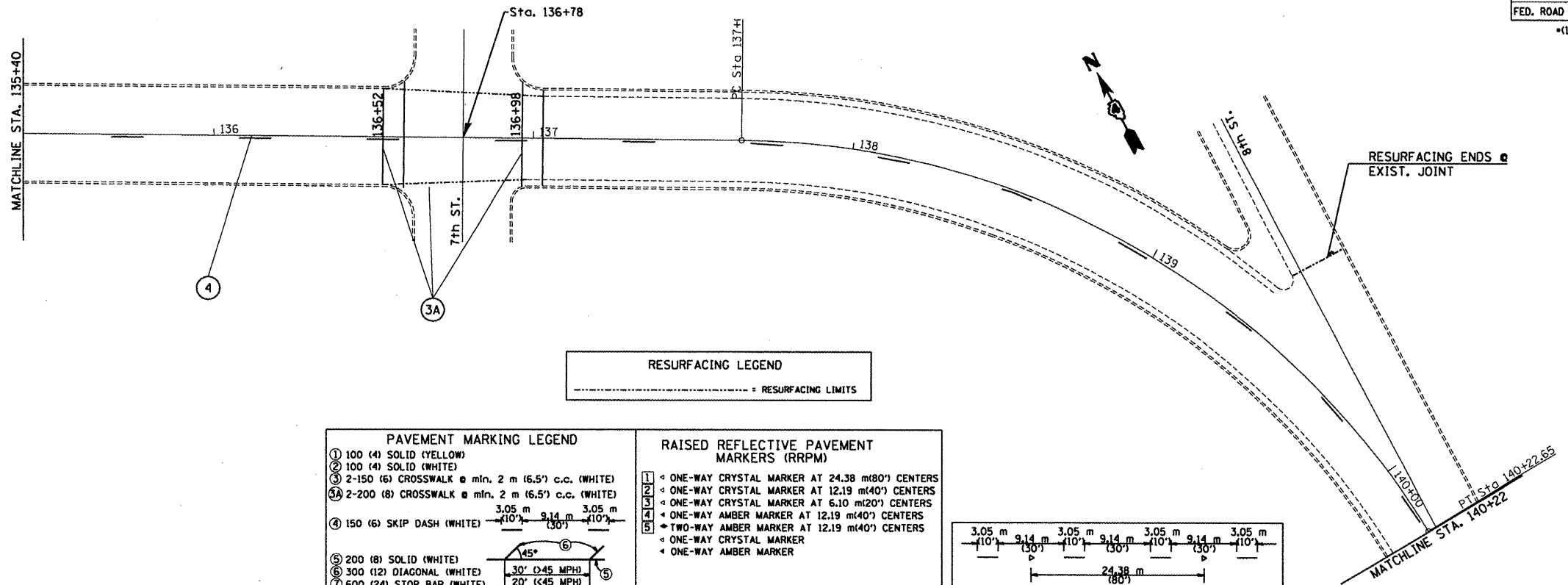
\$\$\$DATE\$\$\$  
\*DDN-ONLY\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
DETAILS &  
RESURFACING LIMITS**  
ANN ELIZA STA. 113+08 TO STA. 135+40  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_

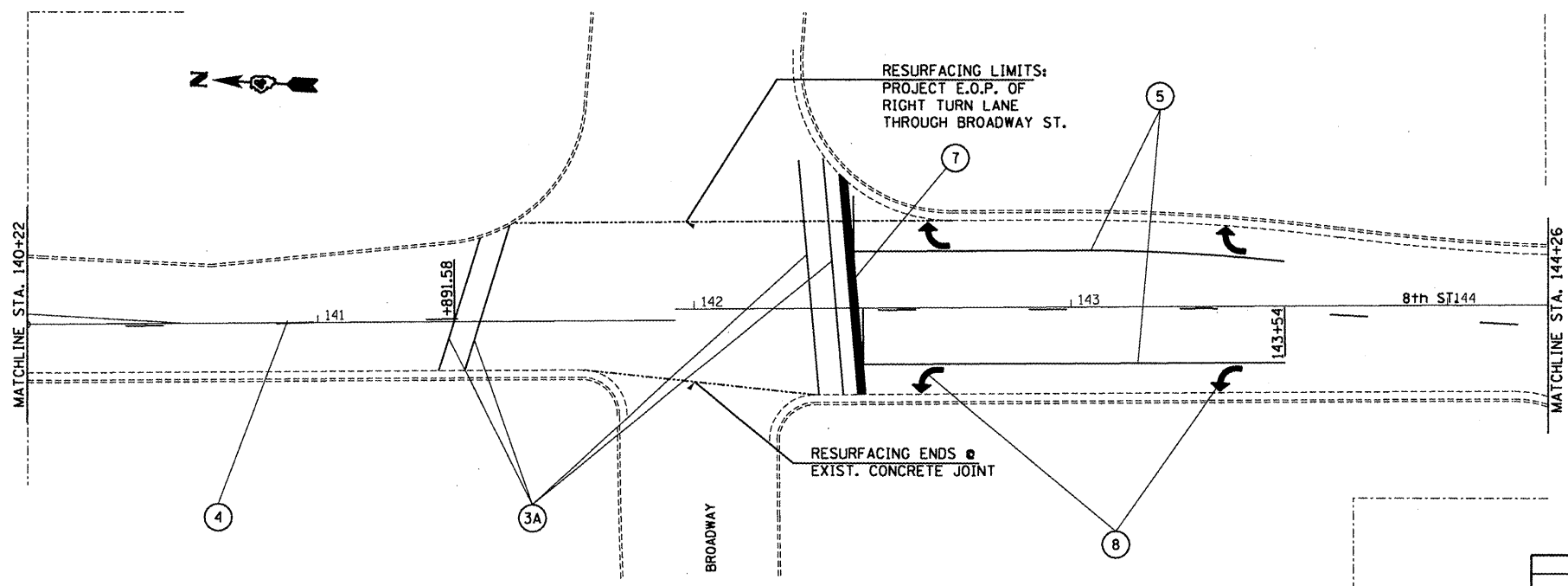
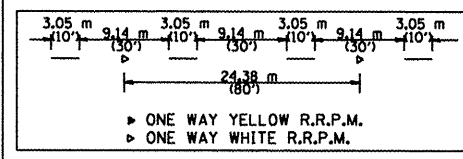


F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693		TAZEWELL	54	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4				
CONTRACT NO. 68892				



RESURFACING LEGEND  
 - - - - - RESURFACING LIMITS

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
① 100 (4) SOLID (YELLOW)		① ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS	
② 100 (4) SOLID (WHITE)		② ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS	
③ 2-150 (6) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		③ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS	
④ 2-200 (8) CROSSWALK @ min. 2 m (6.5') c.c. (WHITE)		④ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑤ 150 (6) SKIP DASH (WHITE)		⑤ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS	
⑥ 200 (8) SOLID (WHITE)		⑥ ONE-WAY CRYSTAL MARKER	
⑦ 300 (12) DIAGONAL (WHITE)		⑦ DELINEATOR WITH TWO AMBER REFLECTORS	
⑧ 600 (24) STOP BAR (WHITE)		⑧ DELINEATOR WITH THREE AMBER REFLECTORS	
⑨ LETTERS AND ARROWS			
⑩ 100 (4) SKIP DASH (YELLOW)			
⑪ 300 (12) DIAGONAL (YELLOW)			
⑫ 100 (4) DOUBLE (YELLOW)			
⑬ 400 (16) SOLID (WHITE)			



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 DETAILS &  
 RESURFACING LIMITS**  
 ANN ELIZA STA. 135+40 TO STA. 144+26  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

\$\$\$DATE\$\$\$  
 \*DON-ONLY\*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.693	*	TAZEWELL	54	42
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4 CONTRACT NO. 68892				

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE			
IL 9 (COURT) & TENTH			
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.
D-4A	6' X 20'	52	30
D-4B	6' X 20'	52	18
D-4C	6' X 20'	52	6
D-8A	6' X 20'	52	30
D-8B	6' X 20'	52	18
D-8C	6' X 20'	52	6
TOTAL:		312	108

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE			
IL 9 (COURT) & FOURTEENTH			
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.
D-1	6' X 50' QUAD	162	30
D-2A	6' X 6'	24	18
D-2B	6' X 6'	24	6
D-5	6' X 50' QUAD	162	30
D-6A	6' X 6'	24	18
D-6B	6' X 6'	24	6
TOTAL:		420	108

INTERSECTION	PEDESTRIAN PUSHBUTTON	TRAFFIC STRUCTURES TO BE SAFETY BONDED					ELCBL C GROUND 6 1C	GROUND CABLE INSTALLATION NOTES
		SERVICE RISER	DOUBLE HANDHOLE	HANDHOLE	MAST ARM	SIGNAL POST		
IL 9 (COURT) & FOURTEENTH	8	1	1	4	4	1	410.0	ENTIRE INTERSECTION
NOTE: ONLY HANDHOLES WITH HIGH VOLTAGE CONDUCTORS SHALL BE GROUNDED. DETECTOR LOOP AND TRAFFIC SIGNAL INTERCONNECT HANDHOLES WILL TYPICALLY NOT REQUIRE GROUNDING.								

TOTALS	8	1	1	4	4	1	410
				11			

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TRAFFIC SIGNAL DETAIL
DATE		DRAWN BY CHECKED BY

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

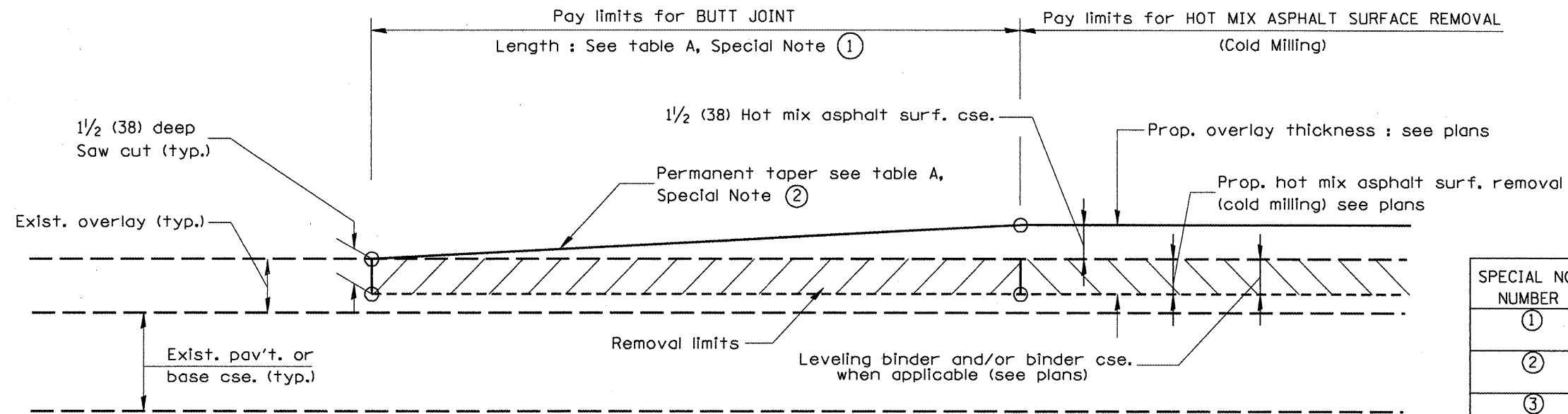
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	*	TAZEWELL	54	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*10, 15RS-5, 9RS, 13RS-2, 15RS-4 CONTRACT NO. 68892				

CONSTRUCTION NOTES
1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED, PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM TO NATIONAL, STATE, AND LOCAL CODES.
5. ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
6. A FIVE FOOT PIECE OF GREEN INSULATED #6 1/C XLP-USE CABLE SHALL BE USED TO CONNECT THE HANDHOLE LID TO THE FRAME. THE COST OF THIS WIRE SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR "BOND TRAFFIC SIGNAL STRUCTURE".
7. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
8. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
9. THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THE CONTRACTOR SHALL CONNECT THE PROPOSED GROUND CABLES TO THE CABINETS USING UL LISTED MECHANICAL CONNECTORS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR "ELECTRIC CABLE IN CONDUIT, GROUNDING, 1C, NO. 6" AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO BOND THE CABINET.

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES
1. DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3. ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS.
4. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5. ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
7. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>TRAFFIC SIGNAL DETAIL</b>  DRAWN BY CHECKED BY  DATE

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



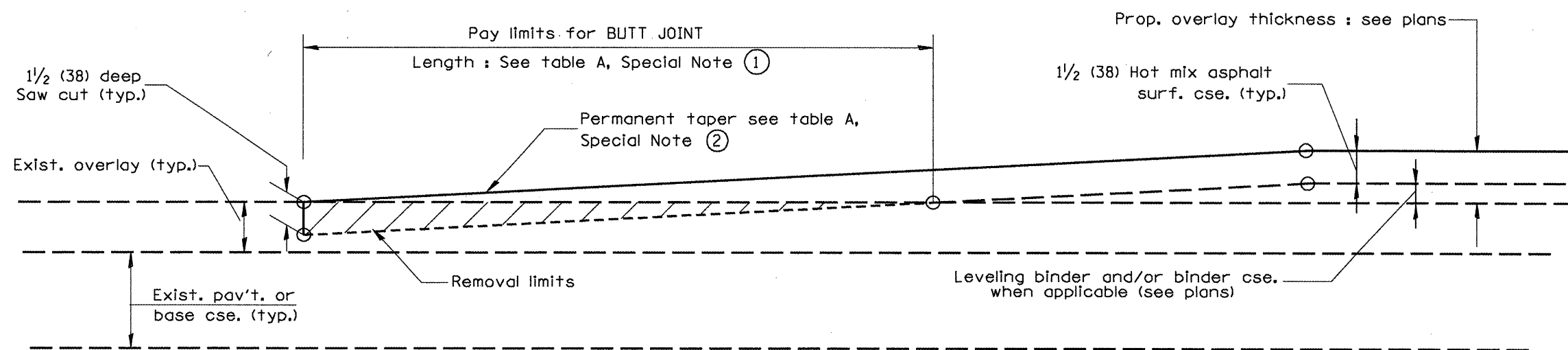
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A**  
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

**GENERAL NOTES**

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

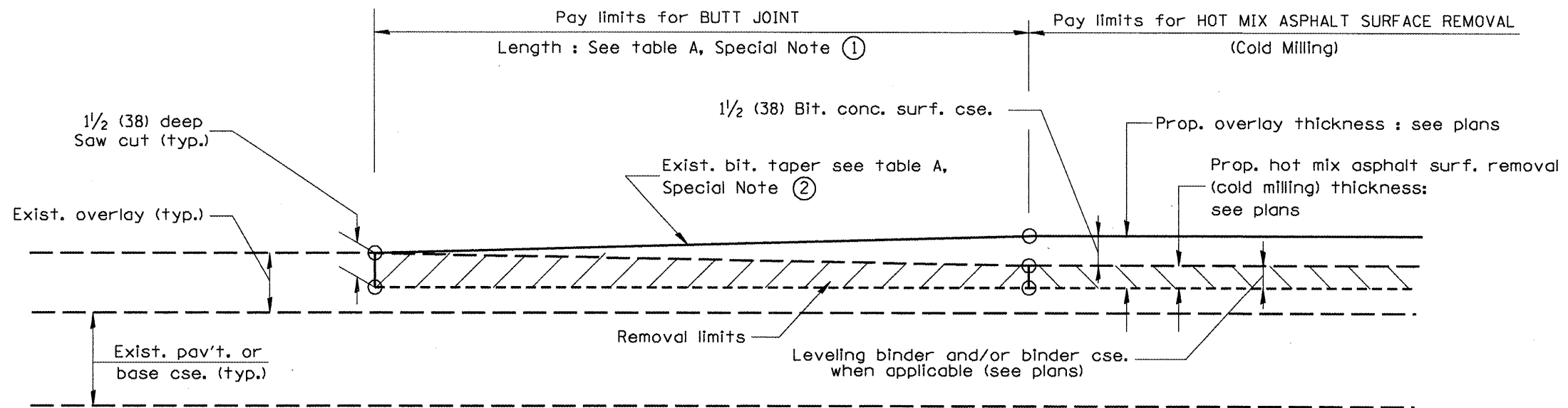
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

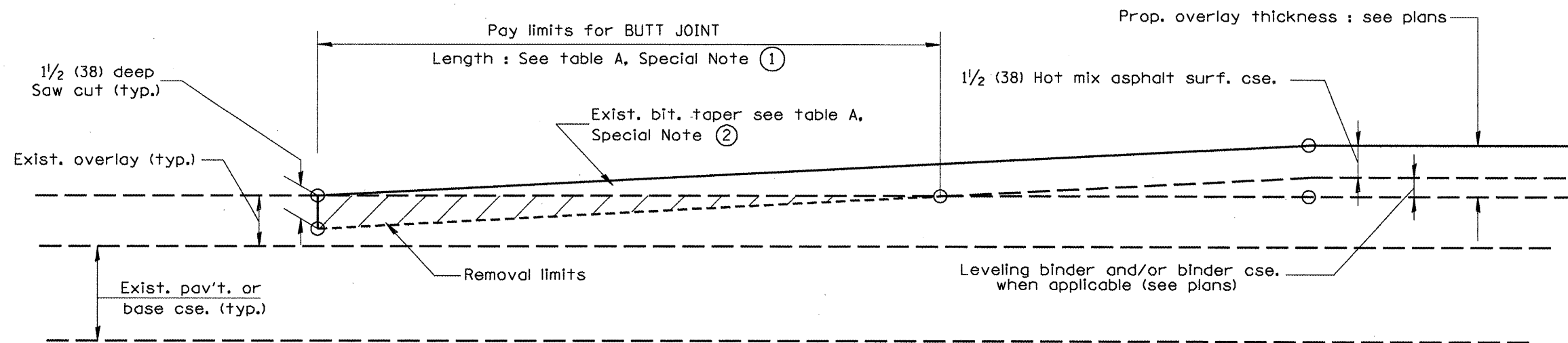
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 406101-D4

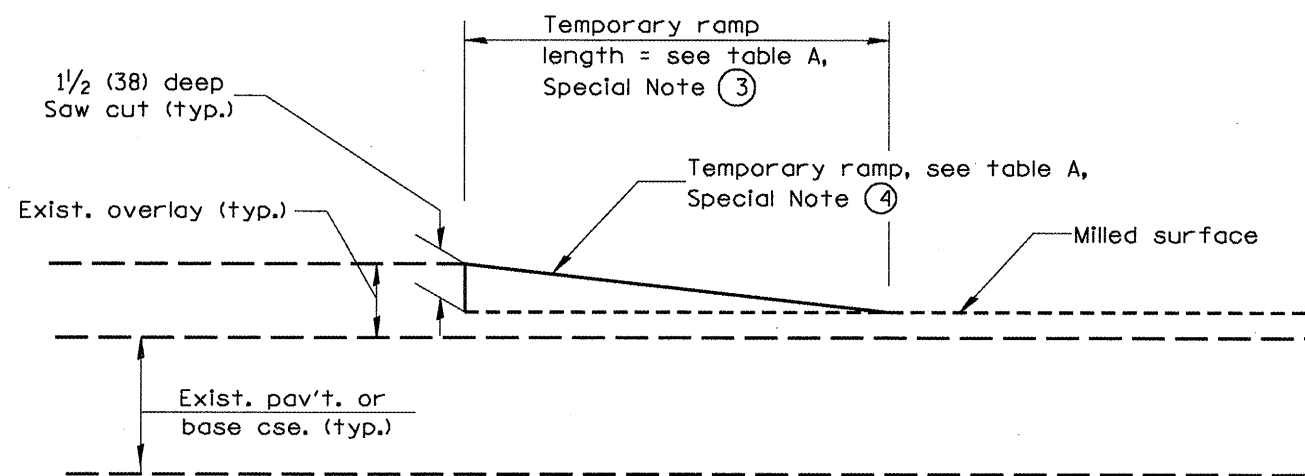
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,151RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	44
CONTRACT NO. 68892			ILLINOIS FED. AID PROJECT	



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**DETAIL TEMPORARY RAMP**

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

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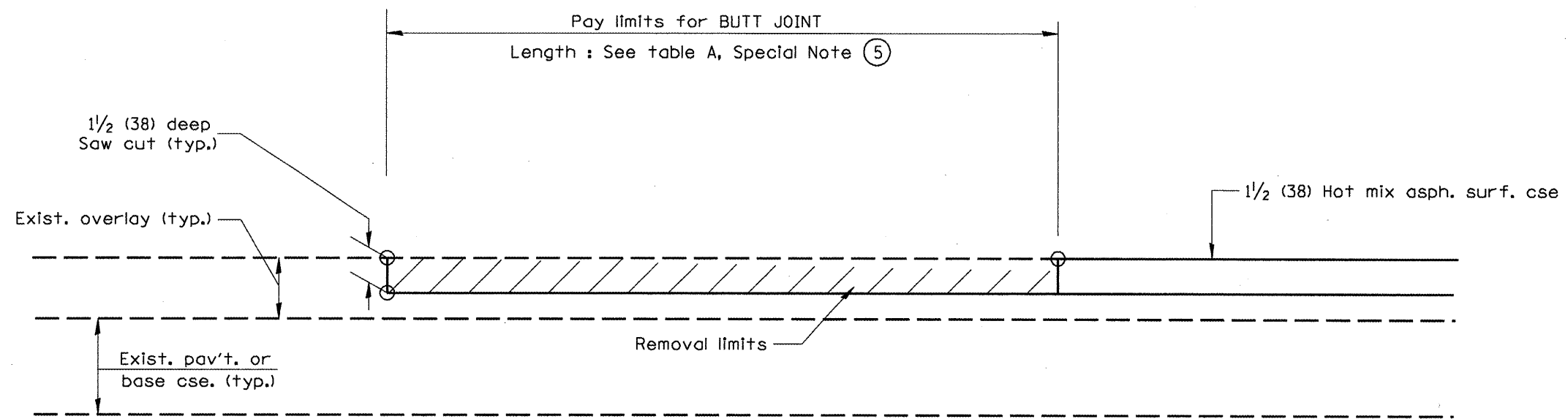
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-D4

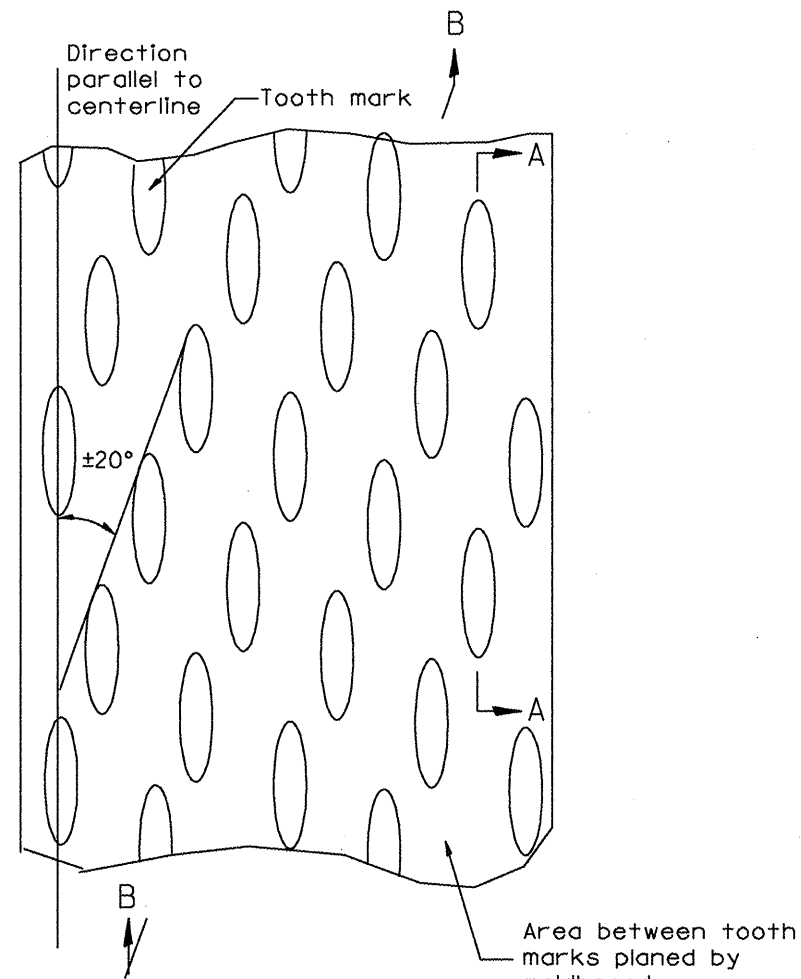
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68892	



**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

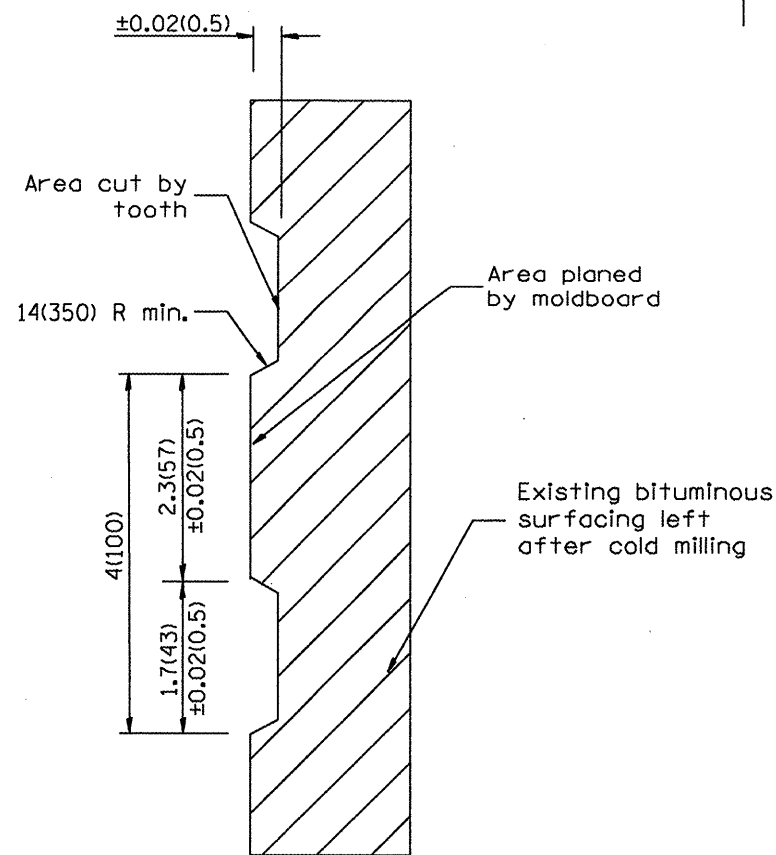
			<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 3 OF 3 CADD STD. 406101-D4		ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	46	CONTRACT NO. 68892					



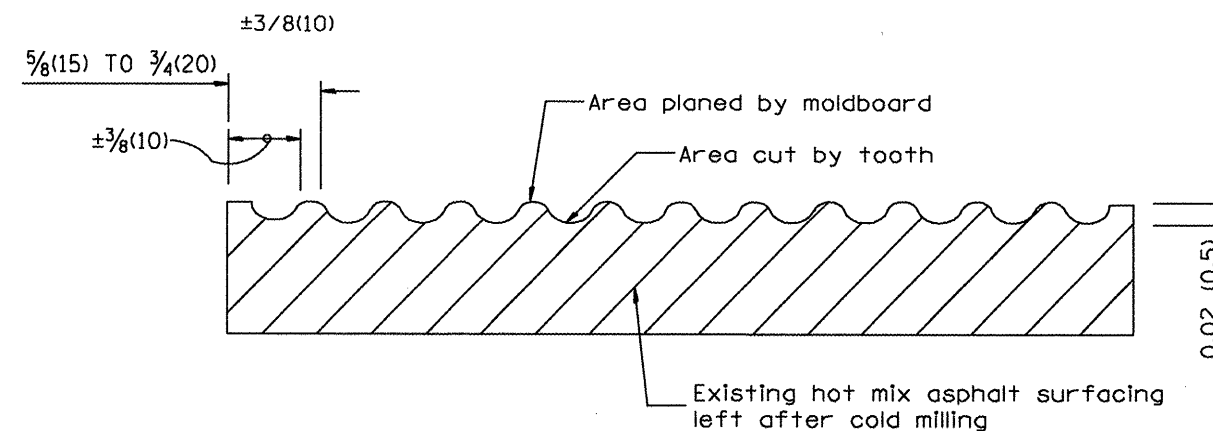
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

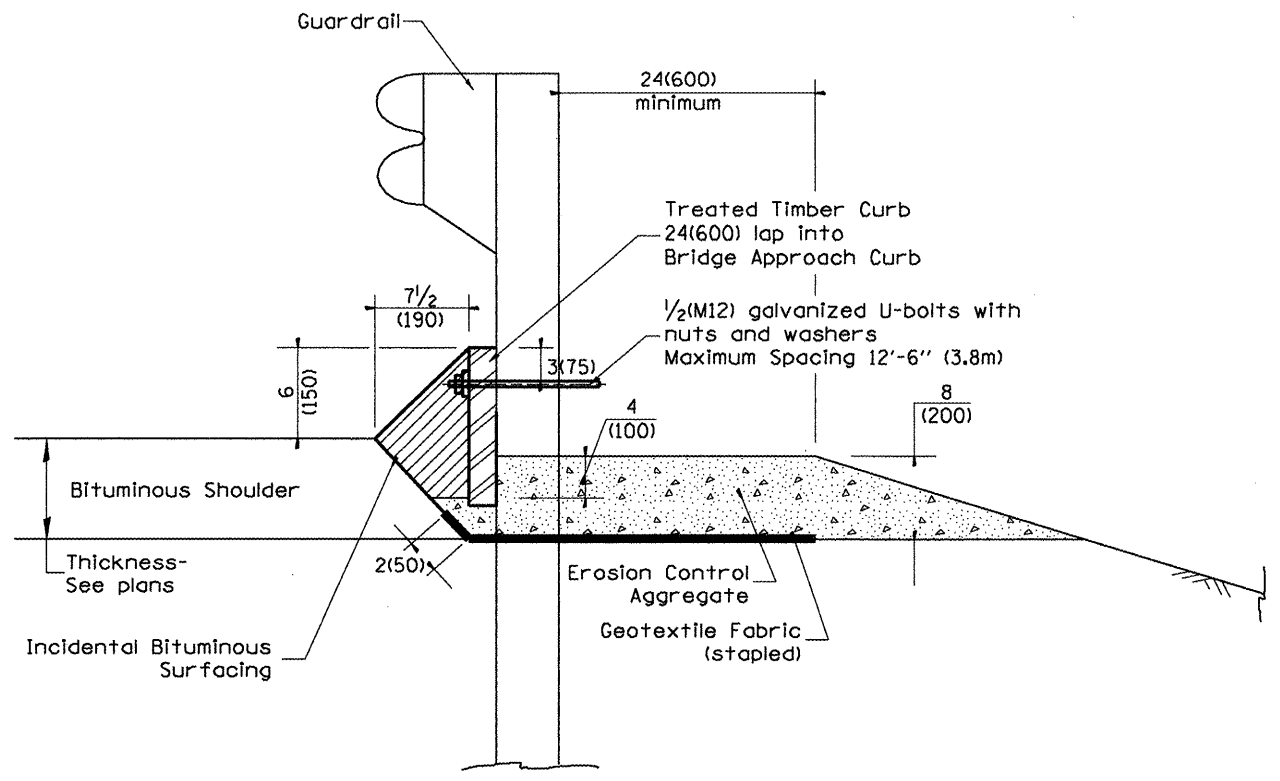
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

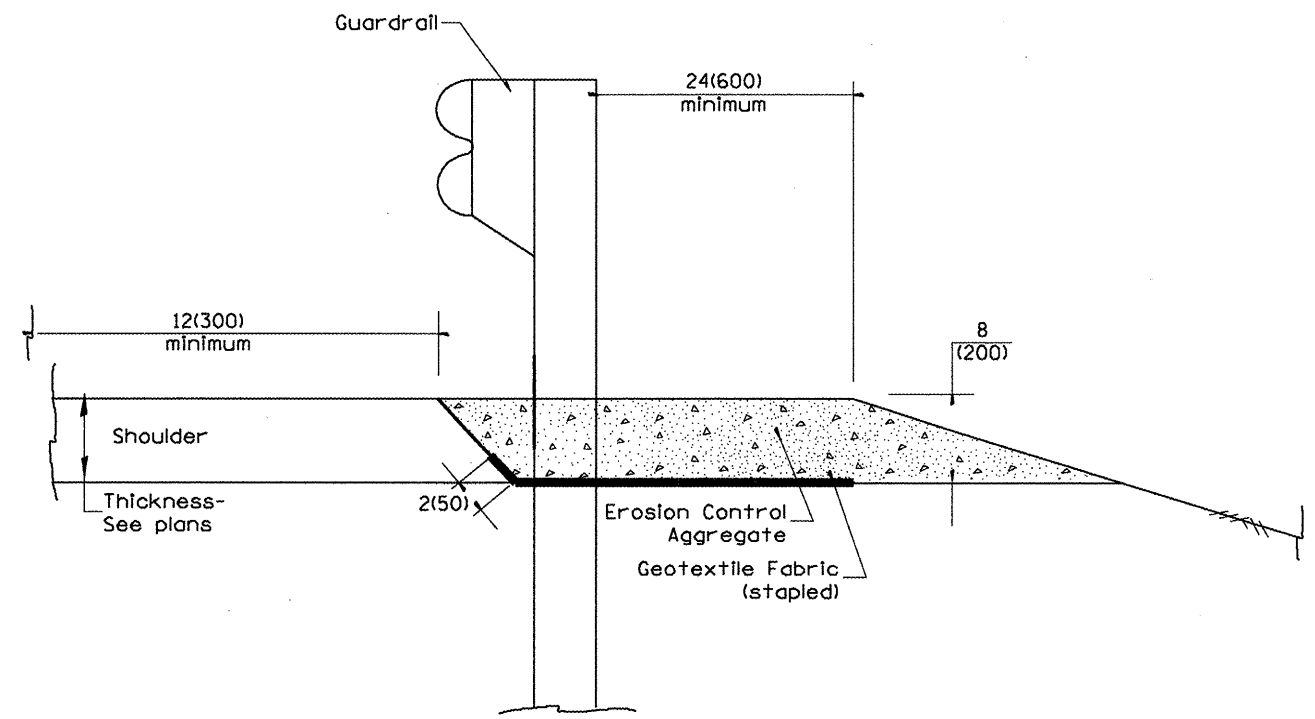
CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15IRS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	47
CONTRACT NO. 68892			ILLINOIS FED. AID PROJECT	

1. Use EROSION CONTROL CURB at guardrail installations where grades are equal to or greater than 1% and at inlets. [Include District Special Provision]  
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1% [Include District Special Provision]  
 3. Include State Standards 609001, 609006 or 610001 if applicable.  
 4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.  
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



**TYPICAL SECTION WITH EROSION CONTROL CURB**



**TYPICAL SECTION WITHOUT EROSION CONTROL CURB**

**GENERAL NOTES: EROSION CONTROL CURB**

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m<sup>3</sup>)

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
  - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
  - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

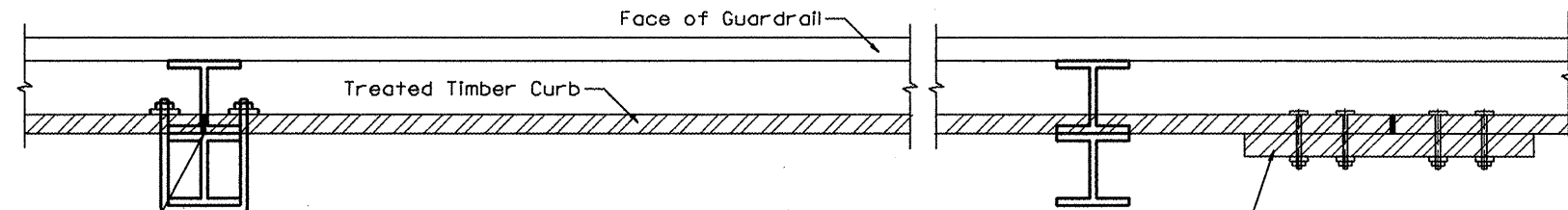
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.							
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.							
11-03-00	CORRECTION TO NOTES	M.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

<b>STATE OF ILLINOIS</b>			<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>			<b>SHT. 1 OF 2</b>	
NOT TO SCALE			CADD STD. 630101-D4	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15)RS-5,9RS, 13RS-2,19RS-4	TAZEWELL	54	48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68892	

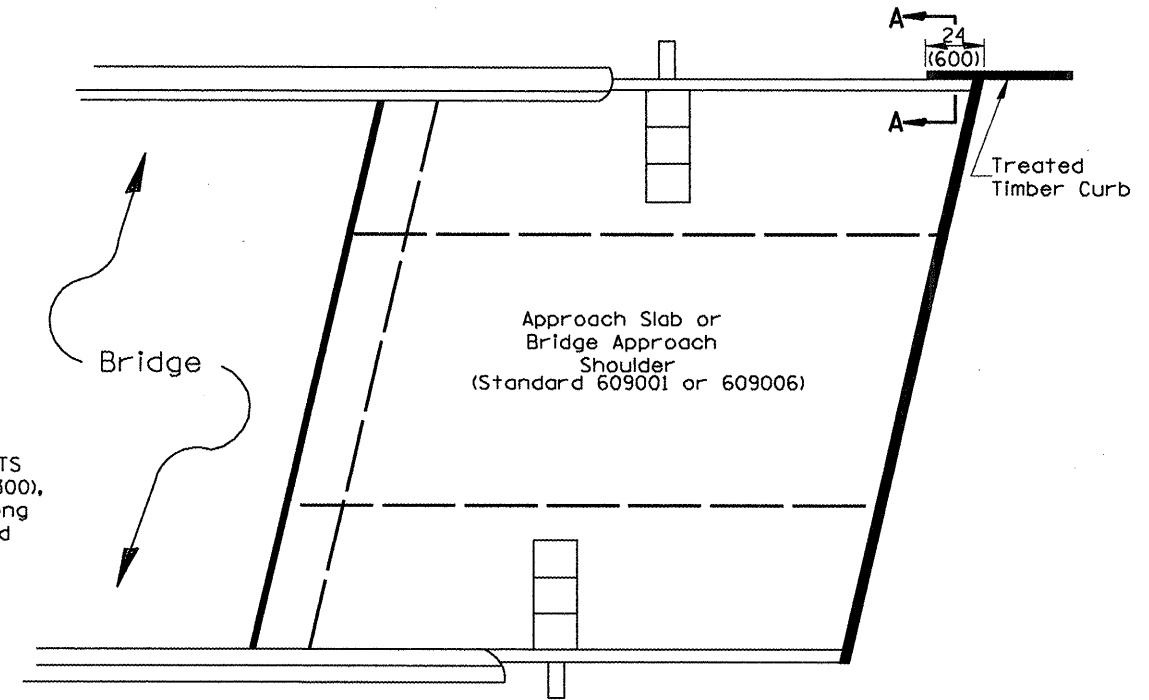




SPLICE LOCATED AT GUARDRAIL POST  
1/2(M12) galvanized U-bolt with  
nut & washer

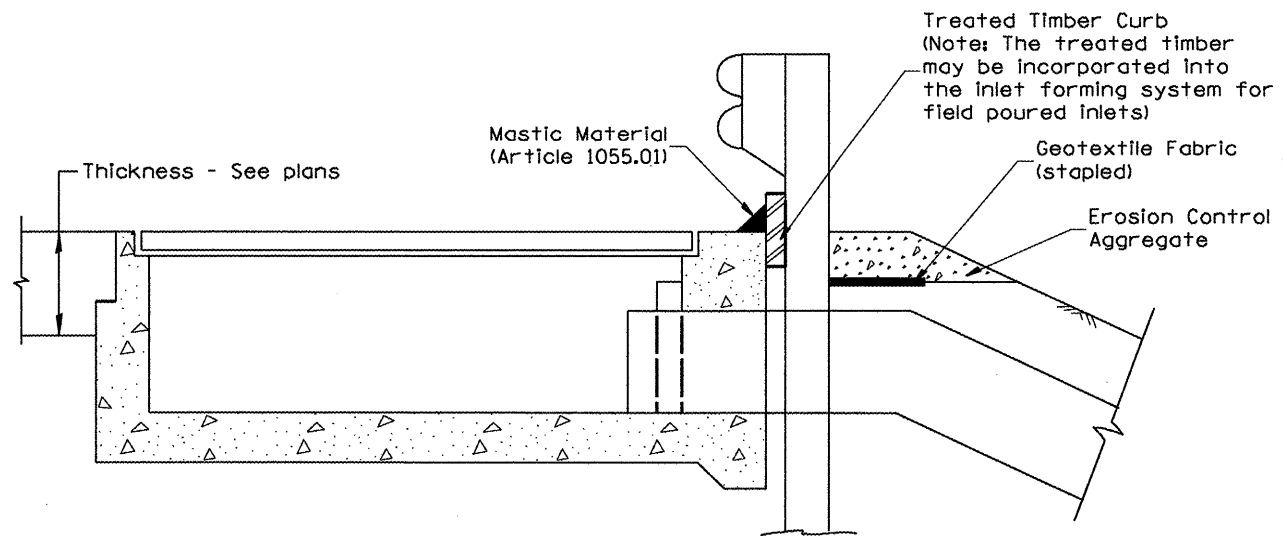
**DETAIL A**  
(Typical Treated Timber Splices)

SPLICE LOCATED BETWEEN GUARDRAIL POSTS  
treated timber splice plate 2x12 (50x300),  
actual size 1 1/2x1 1/2 (40x290), 24(600) long  
with 8 evenly spaced 1/2(M12) galvanized  
bolts with nuts & washers.

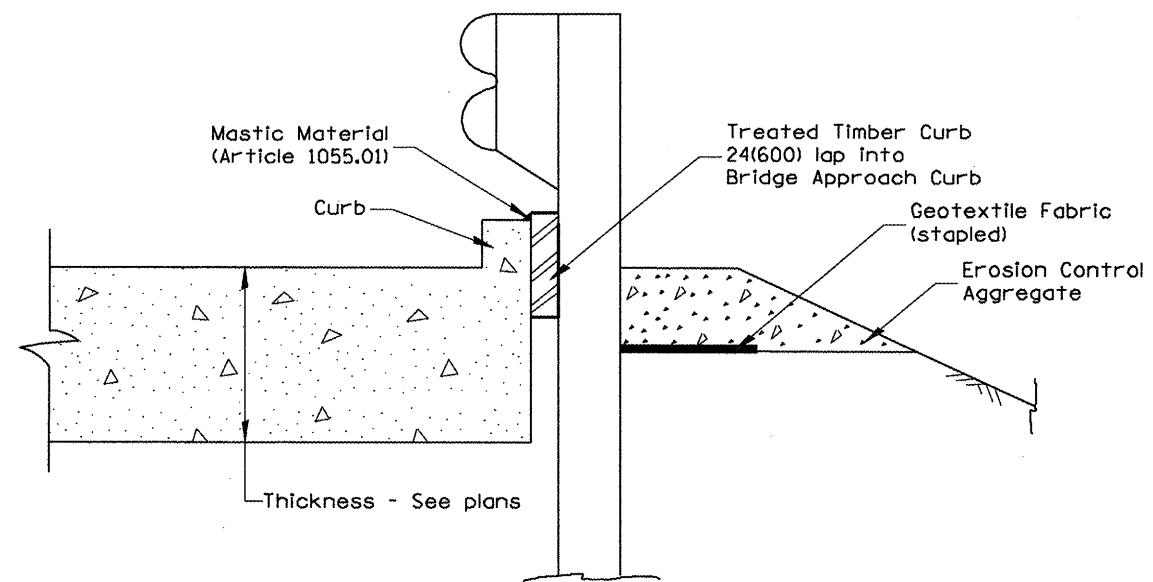


**PLAN VIEW**

**APPROACH SLAB OR BRIDGE APPROACH SHOULDER**  
(STANDARD 609001 or 609006)



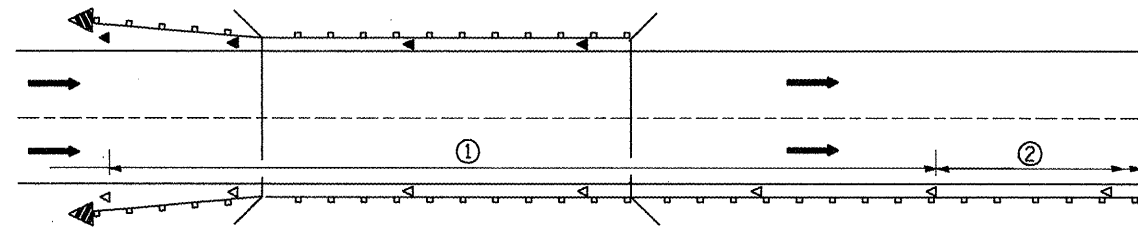
**TYPICAL SECTION WITH EROSION CONTROL CURB**  
**AT INLETS TYPE E & F (STANDARD 610001)**



**SECTION A-A**  
**TYPICAL SECTION WITH EROSION CONTROL CURB**  
**AT BRIDGE APPROACH CURB**  
(STANDARD 609001 OR 609006)

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

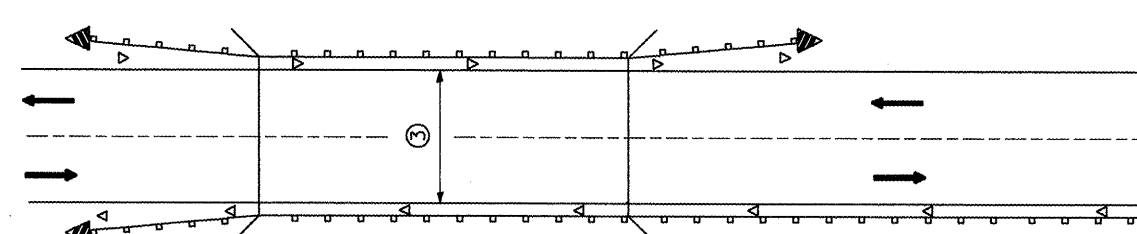
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL EROSION CONTROL TREATMENTS				SHT. 2 OF 2 CADD STD. 630101-04		F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 669/ 693 (10,151RS-5,9RS, 13RS-2,15RS-4 TAZEWELL 54 49 CONTRACT NO. 68892	
ILLINOIS FED. AID PROJECT											



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

**ONE-WAY TRAFFIC**



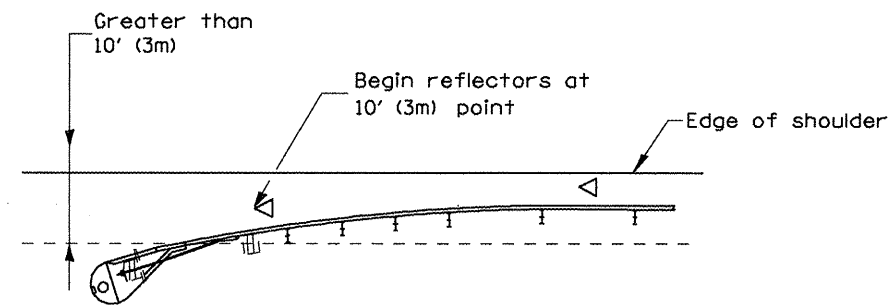
③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

**TWO-WAY TRAFFIC**

**GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS**

**LEGEND**

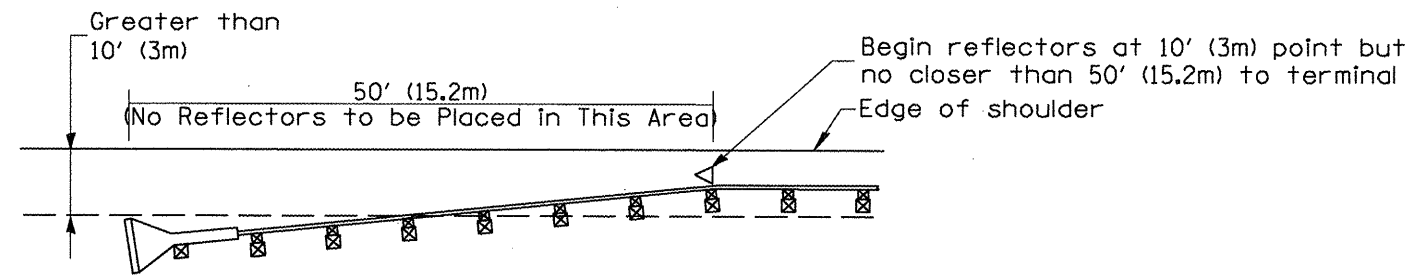
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ▴ Terminal Marker - Black/Yellow  
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**

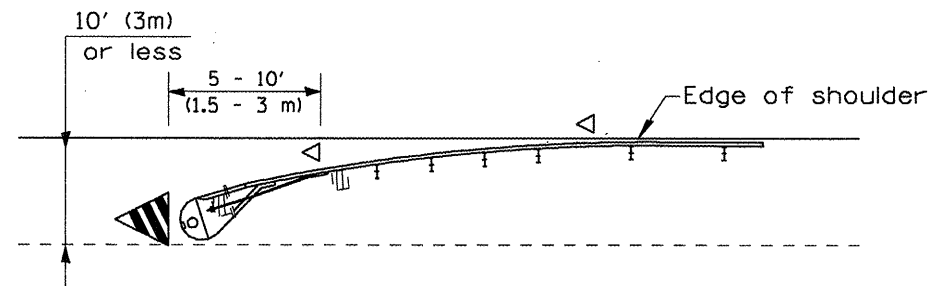
[Terminal over 10' (3m) from edge of shoulder]  
•See Plans for Type



NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

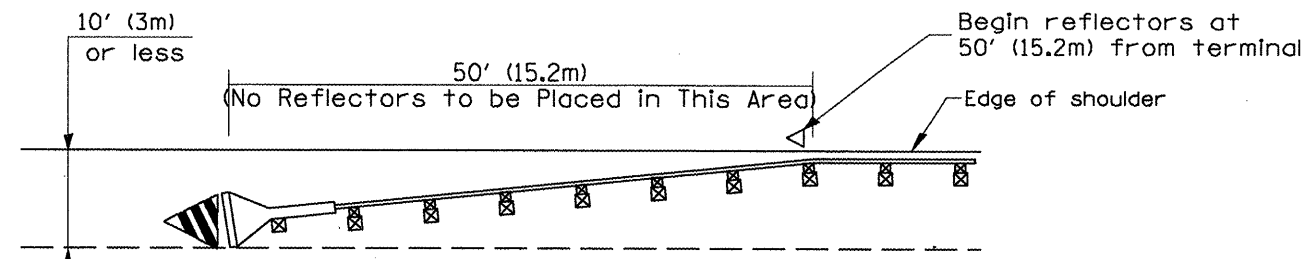
**Traffic Barrier Terminal Type I (Special)**

[Terminal over 10' (3m) from edge of shoulder]



**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**

[Terminal over 10' (3m) or less from edge of shoulder]  
•See Plans for Type



**Traffic Barrier Terminal Type I(Special)**

[Terminal 10' (3m) or less from edge of shoulder]

**TERMINAL MARKER PLACEMENT**

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

01-01-97	RENUM. E-10.02, NEW REVISION BOX	T.P.
03-01-97	CORRECT STD. SPEC. *	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

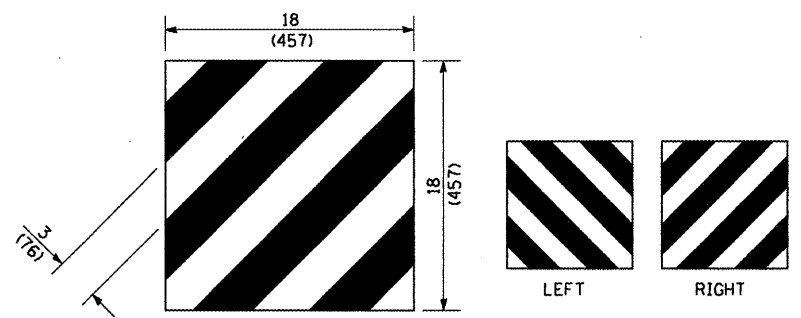
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

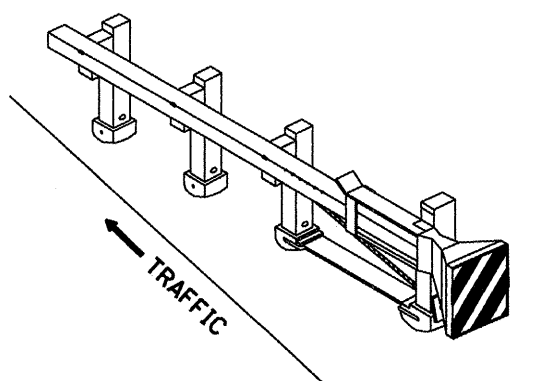
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 635101-04

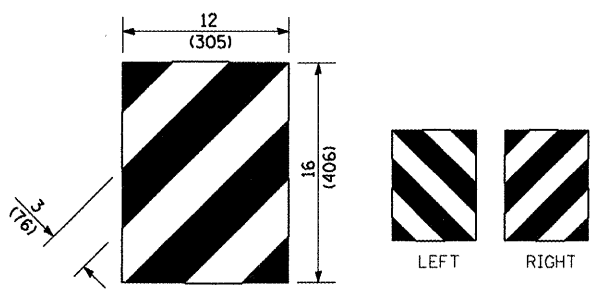
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	50
			CONTRACT NO. 68892	
ILLINOIS FED. AID PROJECT				



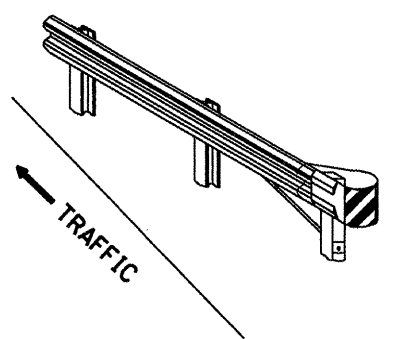
For Traffic Barrier Terminal Type 1 (Special)



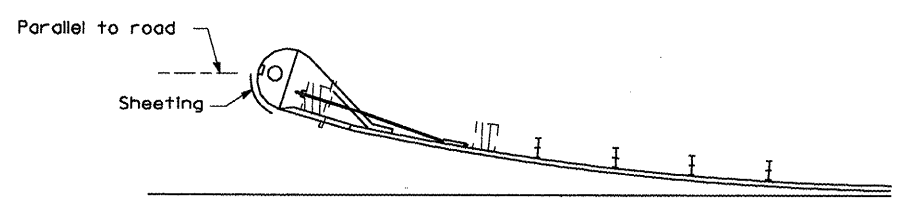
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (\*)  
and Post Mount  
• See Plans for Type



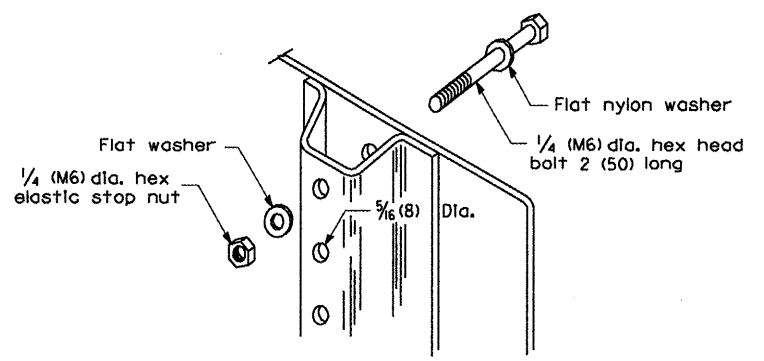
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type



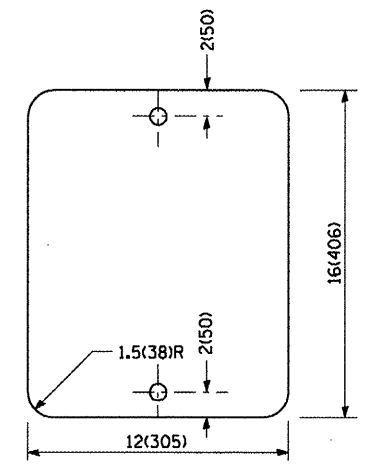
Sheeting Position for  
Traffic Barrier Terminal Type (\*)  
• See Plans for Type

**TERMINAL MARKER DETAILS**

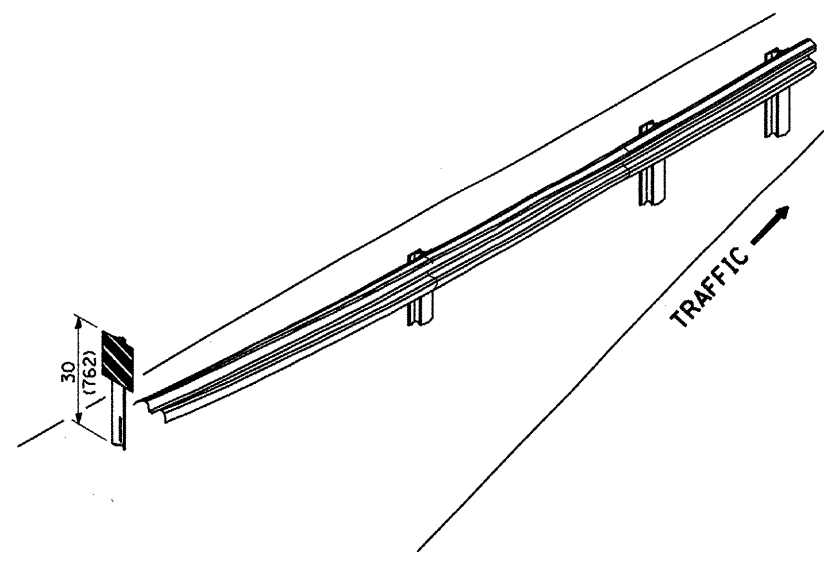
- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



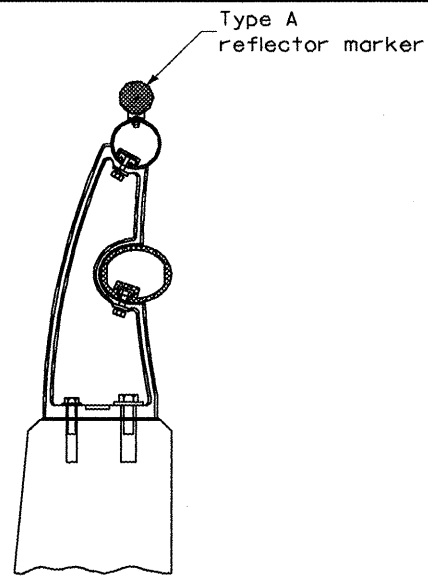
ALTERNATE TREATMENT - POST MOUNTED  
(For turned-down terminal where sheeting cannot be direct applied)

**TERMINAL MARKER TREATMENTS**

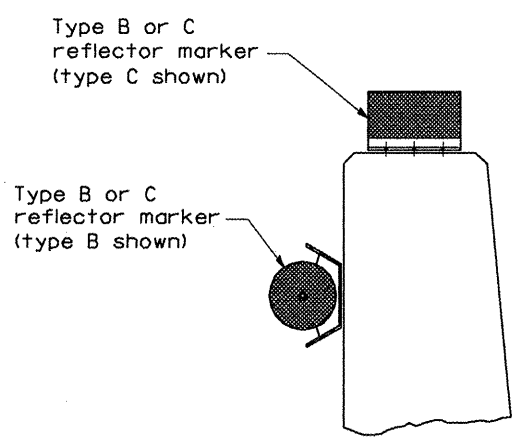
**GENERAL NOTES**

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			GUARDRAIL AND BARRIER WALL DELINEATION			SHT. 2 OF 3 CADD STD. 635101-04		NOT TO SCALE	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	51	CONTRACT NO. 68892				
ILLINOIS FED. AID PROJECT									

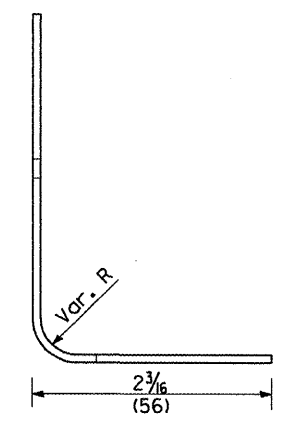
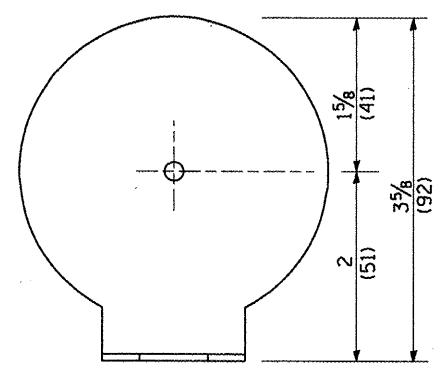
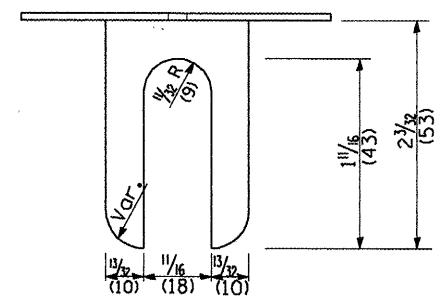


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR



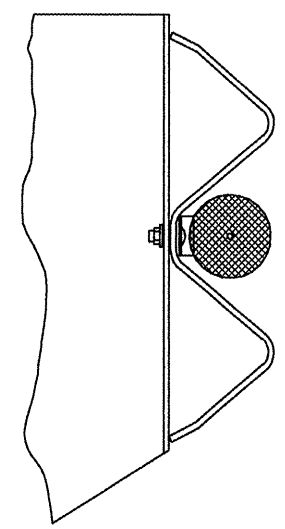
TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

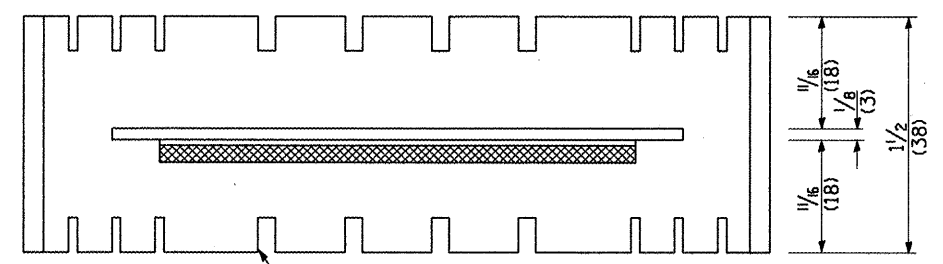


REFLECTOR MARKER TYPE A

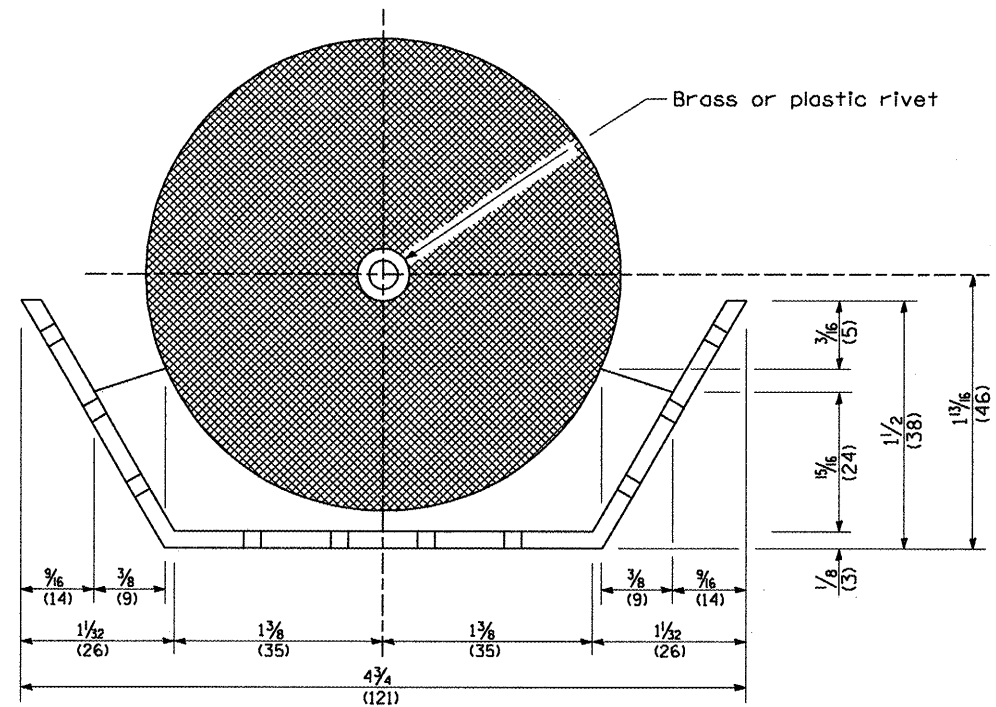
Min. reflective area 6 1/2 sq. in. (4,194 mm<sup>2</sup>) each side. May be rectangular or slight trapezoid.



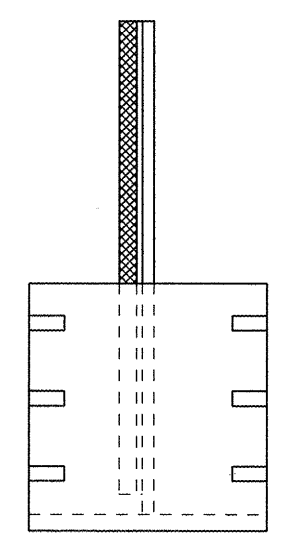
TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



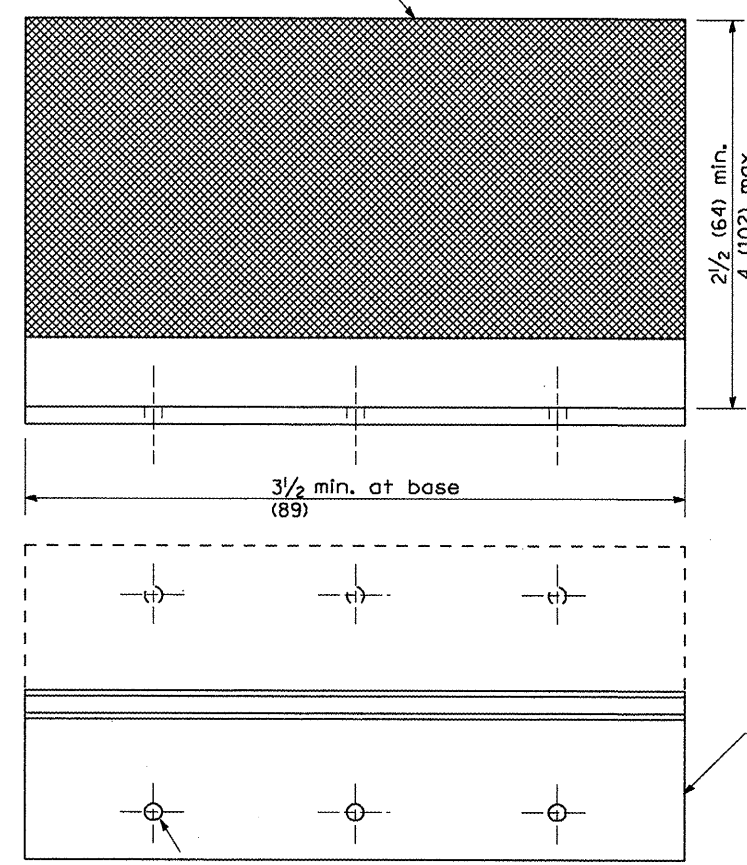
Adhesive weep slots or holes equally spaced on both sides



REFLECTOR MARKER TYPE B



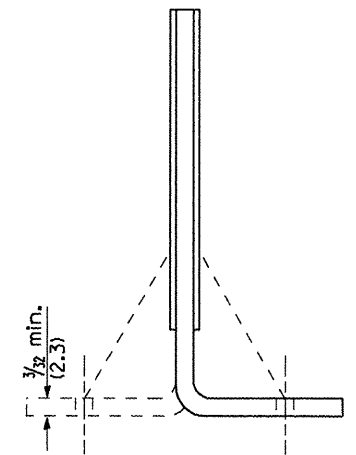
Brass or plastic rivet



REFLECTOR MARKER TYPE C

3 min. adhesive weep holes or slots each side, variable spacing.

Minimum total area of base 7.0 Sq. in. (4,516 mm<sup>2</sup>)

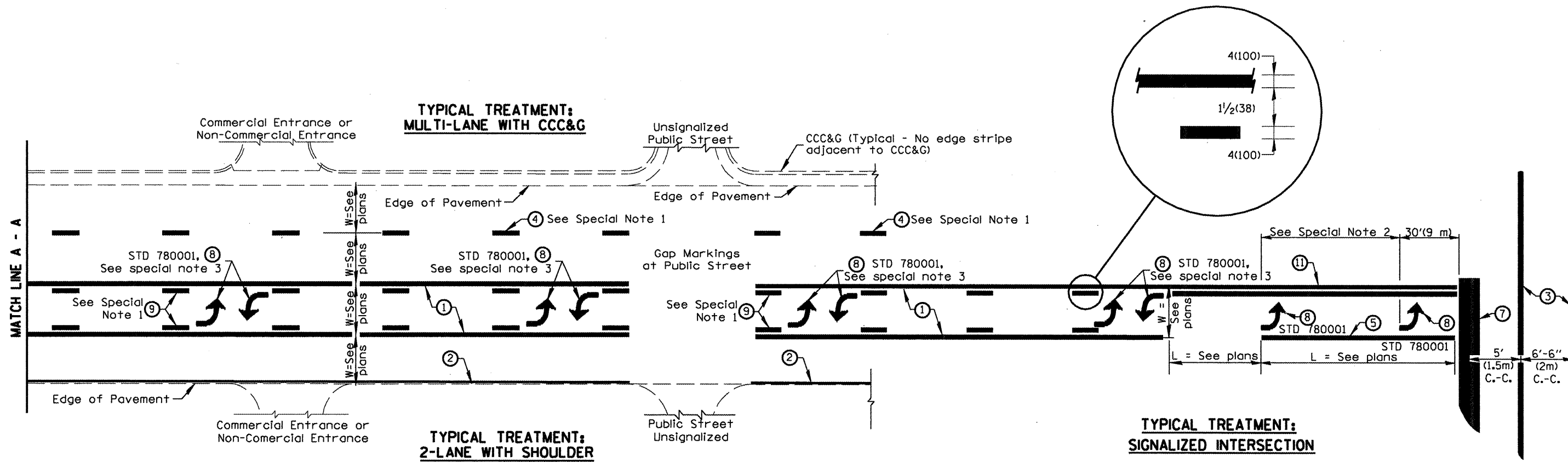


Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	52
CONTRACT NO. 68892			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 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 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)
- 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.

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.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

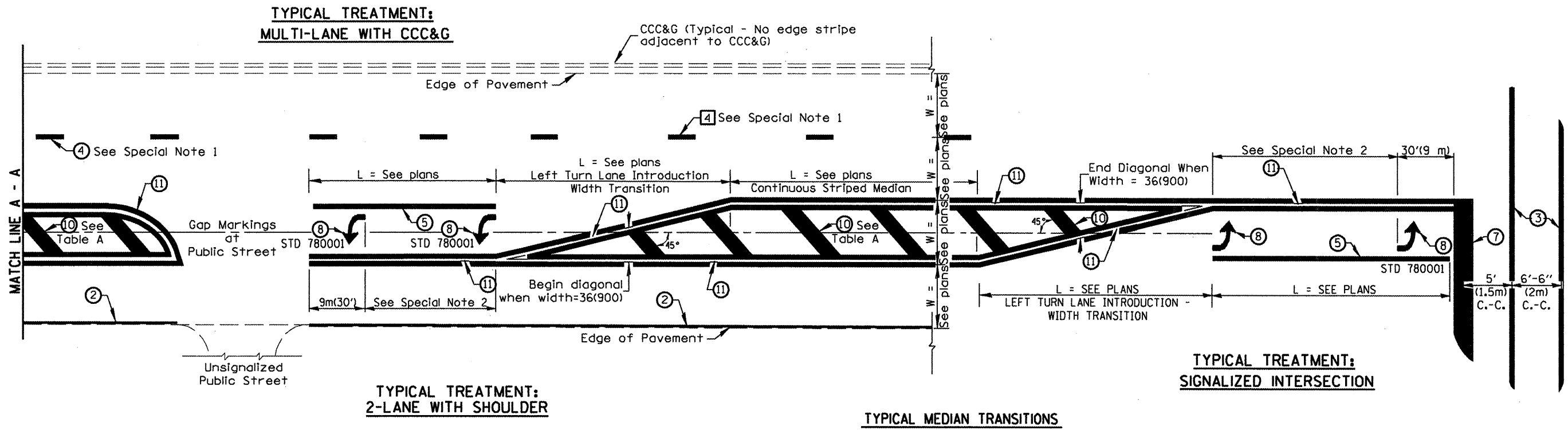
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**TYPICAL PAVEMENT MARKINGS**

SHT. 1 OF 2  
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669/693	(10,15)RS-5,9RS, 13RS-2,15RS-4	TAZEWELL	54	53
CONTRACT NO. 68892				
ILLINOIS FED. AID PROJECT				



**TYPICAL TREATMENT:  
2-LANE WITH SHOULDER**

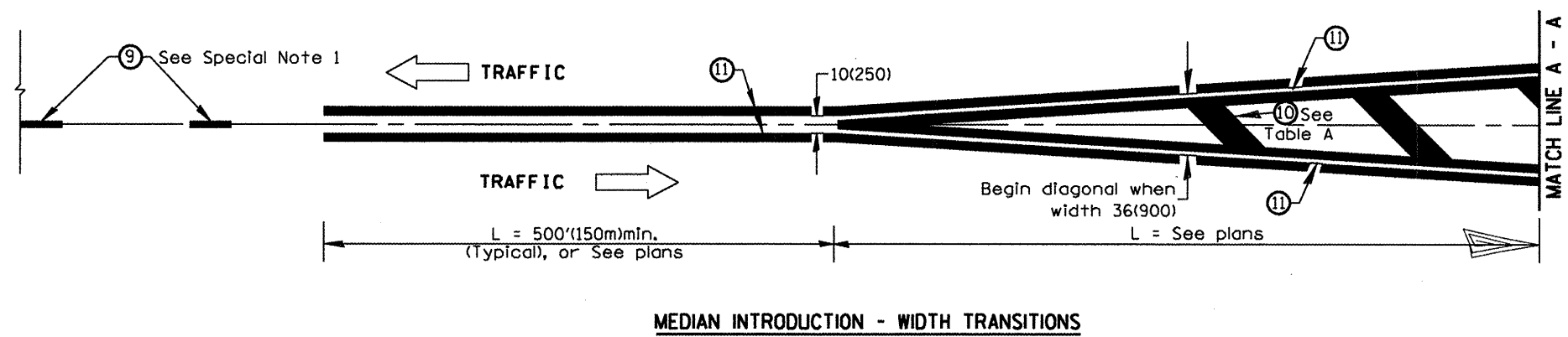
**TYPICAL MEDIAN TRANSITIONS**

**TYPICAL TREATMENT:  
SIGNALIZED INTERSECTION**

**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 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.