

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 317 (US ROUTE 150)  
SECTION (16,13)RS-3,17RS-5,14RS-1  
PEORIA & TAZEWELL COUNTY

C-94-042-05

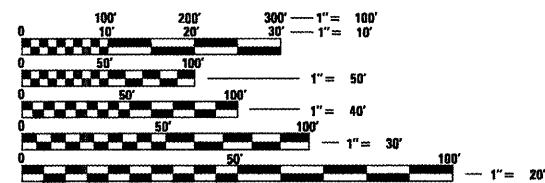
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	1
ILLINOIS			CONTRACT NO. 68455	

SEE SHEET 2 FOR THE INDEX OF SHEETS.

**HIGHWAY STANDARDS**

420001-07	701426-03
442201-03	701451
606001-04	701602-04
630001-08	701901-01
630301-05	780001-02
635006-03	781001-03
635011-02	886001-01
701411-05	886006-01
701422-02	

ADT = 35100  
SU = 2.1%  
MU = 1.4%

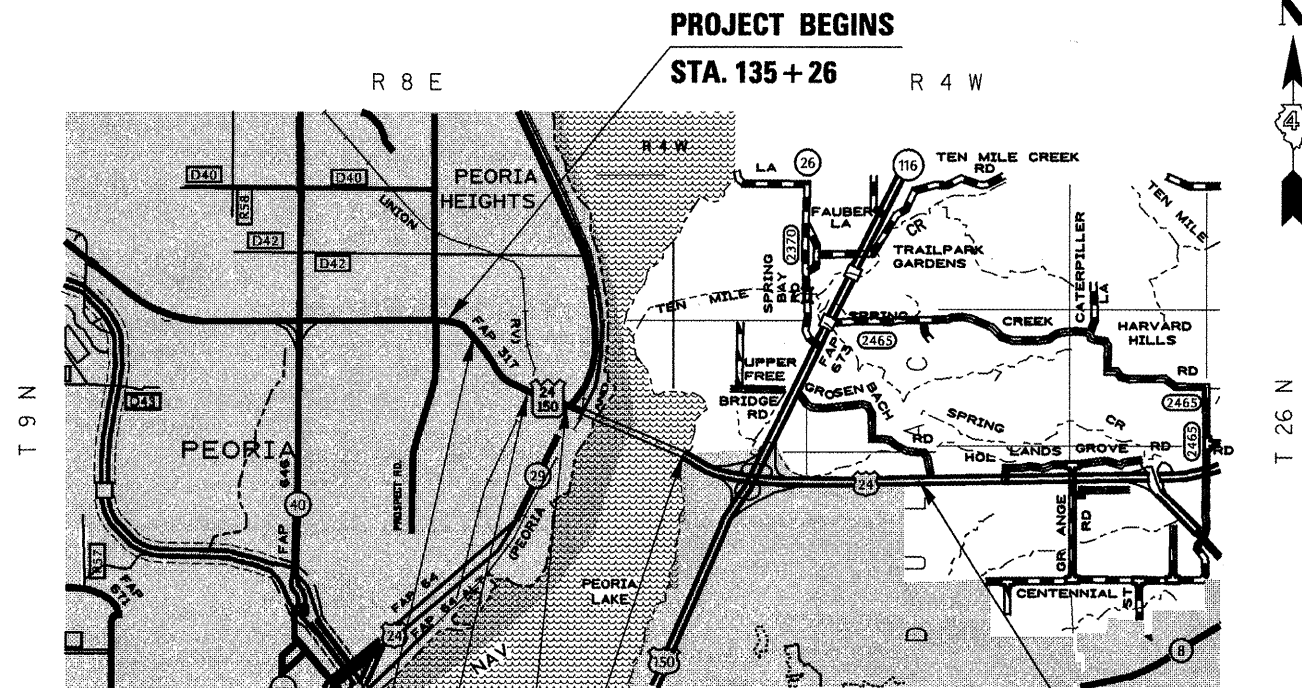


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER (PEORIA): RICH DOTSON  
DESIGN ENGINEER (PEORIA): KEVIN HORST / JOSH JOCHUMS  
PROJECT ENGINEER (TAZEWELL): MAUREEN ADDIS  
DESIGN ENGINEER (TAZEWELL): MIKE McLUCKIE

CONTRACT NO. 68455



PROJECT BEGINS  
STA. 135 + 26

PROJECT ENDS  
STA. 342 + 00

STA. EQUATION:  
150 + 74.80 BK = 150 + 74.01 AH

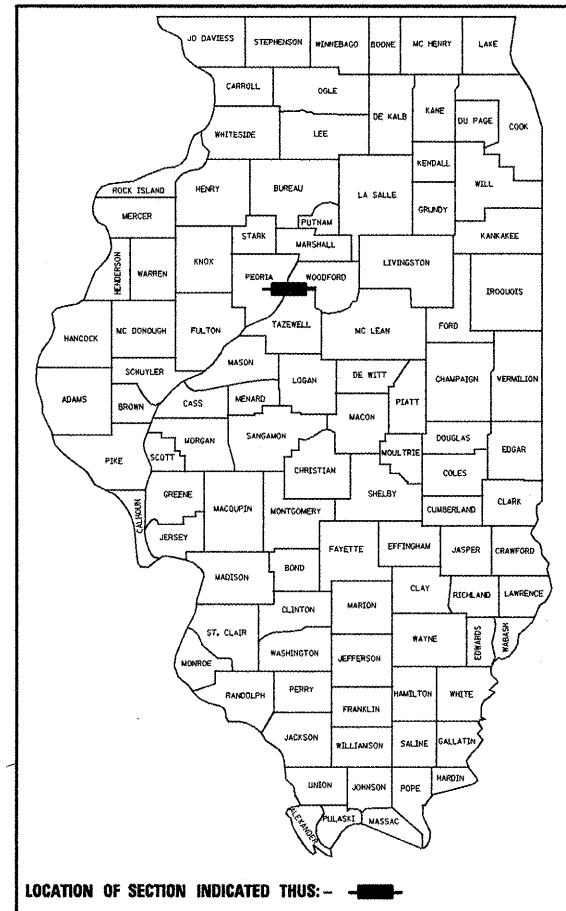
STA. EQUATION:  
178 + 98.75 BK = 179 + 04.50 AH

BRIDGE OMISSION:  
STA. 195 + 85 TO 246 + 29

BRIDGE OMISSION  
STA. 274 + 08.4 TO 277 + 34.4 E.B.  
STA. 274 + 22.8 TO 277 + 51.6 W.B.

BRIDGE OMISSION  
STA. 282 + 98.5 TO 284 + 48.1 E.B.  
STA. 282 + 99.1 TO 284 + 49.9 W.B.

GROSS LENGTH = 20674 FT. = 3.916 MILE  
NET LENGTH = 15149 FT. = 2.869 MILE



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED APRIL 19 20 09  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
May 1 20 09  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 1 20 09  
*[Signature]*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



**COMMITMENTS**

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

The City of Peoria shall be notified one week prior to the Contractor beginning work on US 150 near the existing railroad bridge. Contact Ken Andrejasich at 309-494-8801.

**PROPERTY OWNER ACCESS REQUIREMENTS**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS**

Prior to winter shutdown the following steps shall be taken:

- \* All cold milled surfaces shall be overlaid.
- \* All lanes shall be reopened to traffic.
- \* Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- \* Temporary or permanent pavement marking shall be placed as applicable.

**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 = MAIN.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS &amp; GENERAL NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -		317	(16.13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	3				
	PLOT DATE = 4/13/2009	CHECKED -	REVISED -		CONTRACT NO. 68455				ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.						

**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**

Mixture Use(s):	US 150-PEORIA COUNTY		US 24 - TAZEWELL COUNTY		
	Surface Course (1 3/4") (mainline and rt turn lanes through sideroads)	Surface Course (1 1/2") (sideroads & rt turn lanes at Grand and Harvard)	Bituminous Shoulder (Surface Lift)	Mainline Surface Course	Leveling Binder
RAP % (Max)**:	10%	15%	15%	10%	SBS or SBR 76-22
AC/PC:	SBS or SBR 76-22	PG 64-22	PG 64-22	SBS or SBR 76-22	10%
Design Air Voids:	4.0% @ N=70	4.0% @ N=50	3.0% @ N=50	4.0% @ N=70	3.0% @ 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	IL 9.5 or IL 12.5	IL 4.75
Friction Aggregate	Mixture E	Mixture D	Mixture C	Mixture E	N.A.

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

**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.

**REFLECTIVE CRACK CONTROL PLACEMENT**

Strip reflective crack control treatment shall be placed on the cold milled surface.

100% STATE

**CONSTRUCTION TYPE CODE**

TAZEWELL COUNTY	PEORIA COUNTY	TAZEWELL COUNTY	PEORIA COUNTY
100% STATE	100% STATE	100% STATE	100% STATE
URBAN	URBAN	URBAN	URBAN
		TRAFFIC SIGNALS	TRAFFIC SIGNALS
1000	1000	Y031-1F	Y031-1F

CODE No.	ITEM	UNIT	Tot.QTY				
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	79.7	60.7	19		
40600300	AGGREGATE (PRIME COAT)	TON	305.1	298.1	7		
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2209	1683	526		
40600990	TEMPORARY RAMP	SQ YD	474	321	153		
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	280		280		
40603565	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	11430	7183	4247		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	125581	122603	2978		
44000156	HOT - MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	43164		43164		
44000198	HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	233	233			
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	4794	4794			
44201407	CLASS C PATCHES, TYPE III, 14 INCH	SQ YD	1217	1217			
44201409	CLASS C PATCHES, TYPE IV, 14 INCH	SQ YD	747	747			

(X)Specialty Item

11-Apr-09

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FILE NAME = MAIN.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -
		DRAWN - JGJ	REVISED -
		CHECKED -	REVISED -
		DATE - 4/11/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	5
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

100% STATE

**CONSTRUCTION TYPE CODE**

TAZEWELL COUNTY	PEORIA COUNTY	TAZEWELL COUNTY	PEORIA COUNTY
100% STATE URBAN	100% STATE URBAN	100% STATE URBAN	100% STATE URBAN
		TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNALS Y031-1F
1000	1000		

CODE No.	ITEM	UNIT	Tot.QTY				
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	2772		2772		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	65651	65651			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1629	1629			
48203100	HOT - MIX ASPHALT SHOULDERS	TON	6242	6242			
60264310	INLETS TO BE RECONSTRUCTED WITH NEW TYPE G-1 FRAME AND GRATE	EACH	1		1		
X 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	618	618			
X 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3			
X 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8			
63200310	GUARDRAIL REMOVAL	FOOT	1150	1150			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5		5		
67100100	MOBILIZATION	L SUM	1	0.5	0.5		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8	7	1		

(X)Specialty Item

11-Apr-09

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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13IRS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	6
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

100% STATE

CONSTRUCTION TYPE CODE			
TAZEWELL COUNTY	PEORIA COUNTY	TAZEWELL COUNTY	PEORIA COUNTY
100% STATE	100% STATE	100% STATE	100% STATE
URBAN	URBAN	URBAN	URBAN
		TRAFFIC SIGNALS	TRAFFIC SIGNALS
1000	1000	Y031-1F	Y031-1F

CODE No.	ITEM	UNIT	Tot.QTY				
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1			
70101800	TRAFFIC CONTROL AND PROTECTION,(SPECIAL)	L SUM	1	1			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1		1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4	4			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	30	18	12		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	18189	11713	6476		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2380	1301	1079		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	270	270			
X 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	7550	4490	3060		
X 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	995	340	655		
X 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	126561	106125	20436		
X 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	12461	9627	2834		
X 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2182	968	1214		

(X)Specialty Item

11-Apr-09

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100% STATE

CONSTRUCTION TYPE CODE			
TAZEWELL COUNTY	PEORIA COUNTY	TAZEWELL COUNTY	PEORIA COUNTY
100% STATE	100% STATE	100% STATE	100% STATE
URBAN	URBAN	URBAN	URBAN
		TRAFFIC SIGNALS	TRAFFIC SIGNALS
1000	1000	Y031-1F	Y031-1F

CODE No.	ITEM	UNIT	Tot.QTY				
X 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	291	168	123		
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	696	276	420		
X 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	660	240	420		
88600100	DETECTOR LOOP, TYPE I	FOOT	820			484	336
X0322729	MATERIAL TRANSFER DEVICE	TON	11430	7183	4247		
X0326245	WEATHER SENSOR UPGRADE AND REPLACE	L SUM	1	1			
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3571	3571			
Z0030030	IMPACT ATTENUATORS, (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1			

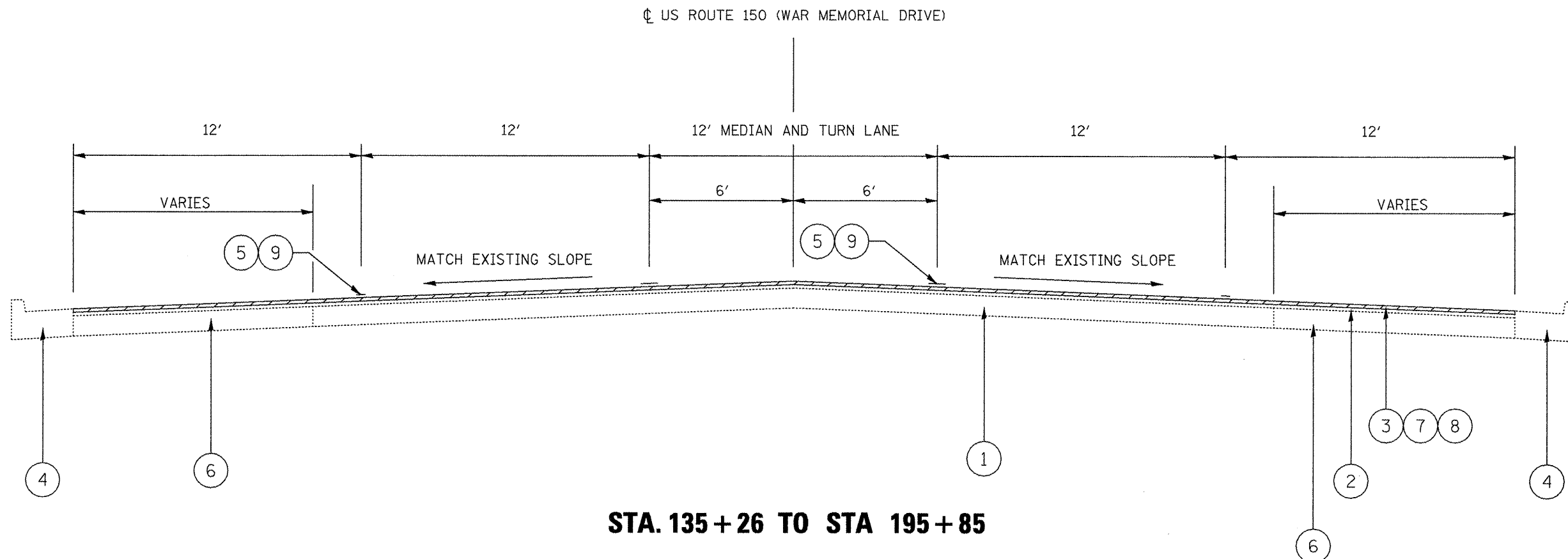
(X)Specialty Item

13-Apr-09

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FILE NAME = MAIN.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	317	(16.13RS-3,17RS-5,14RS-1)	PEORIA/TAZEWELL	56 8
	PLOT DATE = 4/13/2009	CHECKED -	REVISED -		<b>CONTRACT NO. 68455</b>									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>① EXISTING PCC PAVEMENT</li> <li>② EXISTING 1 3/4" HMA BINDER COURSE</li> <li>③ EXISTING 1 3/4" HMA SURFACE COURSE</li> <li>④ EXISTING COMBINATION CONCRETE CURB &amp; GUTTER TYPE B-6.24</li> <li>⑤ EXISTING THERMOPLASTIC PAVEMENT MARKINGS</li> <li>⑥ EXISTING PCC BASE COURSE WIDENING</li> </ul> | <ul style="list-style-type: none"> <li>⑦ PROPOSED HMA SURFACE REMOVAL, 1 3/4"</li> <li>⑧ PROPOSED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"</li> <li>⑨ PROPOSED PAVEMENT MARKINGS</li> </ul> |
|--|---|

DETECTOR LOOP, TYPE I	
LOCATION	FT
STA. 141+30	336
<b>TOTAL</b>	<b>336</b>

MOBILIZATION	
LOCATION	L SUM
ENTIRE JOBSITE	0.5
<b>TOTAL</b>	<b>0.5</b>

CONSTRUCTING TEST STRIP (EACH)	
LOCATION	EACH
HMA SURFACE COURSE	1
<b>TOTAL</b>	<b>1</b>

INLETS TO BE RECONSTRUCTED WITH NEW TYPE G-1 FRAME AND GRATE	
LOCATION	EACH
EB US 150 STA. 136+10 RT	1
<b>TOTAL</b>	<b>1</b>

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
JOBSITE	12
<b>TOTAL</b>	<b>12</b>

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	5
<b>TOTAL</b>	<b>5</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	
LOCATION	EACH
EB US 150 AT RAMP TO IL 29	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	
LOCATION	L SUM
ENTIRE JOBSITE	1
<b>TOTAL</b>	<b>1</b>

CLASS C PATCHES, TYPE II, 15 INCH	
LOCATION	SQ. YD.
US 150 FROM PROSPECT AVE. TO GRAND BLVD. EASTBOUND	206
WESTBOUND	350
US 150 FROM GRAND BLVD. TO HARVARD ST. EASTBOUND	454
WESTBOUND	435
US 150 FROM HARVARD ST. TO BRIDGE EASTBOUND	483
WESTBOUND	382
SUBTOTAL	2310
20% BREAKUP	462
<b>TOTAL</b>	<b>2772</b>

**RESURFACING SCHEDULE**

STATION TO STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ. YD.)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (SQ. YD.)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ. YD.)	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (1 3/4") (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1 1/2") (TON)	MATERIAL TRANSFER DEVICE (TON)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ. YD.)	TEMPORARY RAMP (SQ. YD.)
<b>US ROUTE 150</b>												
135+26 - 135+36	10	71	79			0.03		8		8	79	
135+36 - 136+25	89	71	702	702		0.28		69		69		
136+25 - 139+30	305	78	2643	2643		1.06		259		259		
139+30 - 139+62	32	78	277	277		0.11		27		27		
139+62 - 140+62	100	72	800	800		0.32		78		78		
140+62 - 143+45	283	72	2264	2264		0.91		222		222		
143+45 - 144+74	129	66	946	946		0.38		93		93		
144+74 - 148+22	348	60	2320	2320		0.93		227		227		
148+22 - 150+74.80 BK	253	60	1685	1685		0.67		165		165		
150+74.01 AH - 170+13	1939	60	12927	12927		5.17		1267		1267		
170+13 - 171+63	150	66	1100	1100		0.44		108		108		
171+63 - 173+18	155	72	1240	1240		0.50		122		122		
173+18 - 173+48	30	60	200	200		0.08		20		20		
173+48 - 175+23	175	60	1167	1167		0.47		114		114		
175+23 - 178+98.75 BK	376	56	2338	2338		0.94		229		229		
179+04.50 AH - 180+75	171	51	966	966		0.39		95		95		
180+75 - 182+80	205	62	1412	1412		0.56		138		138		
182+80 - 183+51	71	72	568	568		0.23		56		56		
183+51 - 183+82	31	66	227	227		0.09		22		22		
183+82 - 187+95	413	60	2753	2753		1.10		270		270		
187+95 - 189+35	140	66	1027	1027		0.41		101		101		
189+35 - 191+00	165	72	1320	1320		0.53		129		129		
191+00 - 193+80	280	77	2396	2396		0.96		235		235		
193+80 - 195+75	195	87	1885	1885		0.75		185		185		
195+75 - 195+85	10	87	97			0.04		9		9	97	
<b>SIDEROADS</b>												
ASHTON ST. (TO RAD. RETURN)			155		122	0.06	0.3		13		33	17
COLUMBUS (LT) (TO RAD. RETURN)			132		99	0.05	0.3		11		33	17
COLUMBUS (RT) (TO RAD. RETURN)			135		101	0.05	0.3		11		34	17
ALLEY (140+85) (TO RAD. RETURN)			30		14	0.01	0.1		3		16	17
DAYTON (TO RAD. RETURN)			128		96	0.05	0.3		11		32	17
RT TURN LN & GRAND (STOP 10' BEFORE ENTR. TO SCHOOL LOT)			1251		1215	0.50	2.5		105		36	17
RT TURN LN, ACC. LN, & HARVARD (LT) (TO RAD. RETURNS ON HARV. & BUS. ENTRANCE)			1191		1105	0.48	2.4		100		86	17
HARVARD (RT) (TO RAD. RETURN)			134		102	0.05	0.3		11		32	17
ROCK ISLAND (TO RAD. RETURN)			172		124	0.07	0.3		14		48	17
<b>TOTALS</b>				<b>43164</b>	<b>2978</b>	<b>19</b>	<b>7</b>	<b>4247</b>	<b>280</b>	<b>4247</b>	<b>526</b>	<b>153</b>

**PERMANENT PAVEMENT MARKING SCHEDULE**

LOCATION STA. TO STA.	EPOXY PAVEMENT MARKING -						LETTERS & SYMBOLS (SF)	PREFORMED PLASTIC PVMT MARKING, TYPE B - LINE 6" (FT)
	LINE 4"		LINE 8"	LINE 12"		LINE 24"		
	SOLID YELLOW (FT)	SKIP DASH YELLOW (FT)	SOLID WHITE (FT)	DIAGONAL WHITE (FT)	DIAGONAL YELLOW	STOP BAR WHITE (FT)		
135+26 TO 137+00	431.0	0.0	253.0	0.0	0.0	0.0	62.4	100.0
137+00 TO 143+00	963.0	0.0	596.0	0.0	0.0	0.0	171.6	330.0
143+00 TO 149+00*	2059.0	0.0	566.0	0.0	84.0	87.0	187.2	310.0
149+00 TO 154+00	1751.0	40.0	0.0	0.0	98.0	0.0	15.6	220.0
154+00 TO 160+00	2400.0	0.0	0.0	0.0	141.0	0.0	0.0	300.0
160+00 TO 166+00	2400.0	0.0	0.0	0.0	141.0	0.0	0.0	300.0
166+00 TO 172+00	2209.0	0.0	123.0	0.0	110.0	0.0	31.2	300.0
172+00 TO 178+00**	1577.0	0.0	735.0	58.0	61.0	36.0	93.6	300.0
178+00 TO 184+00	1972.0	0.0	119.0	0.0	30.0	0.0	31.2	300.0
184+00 TO 190+00	2230.0	0.0	82.0	0.0	110.0	0.0	31.2	300.0
190+00 TO 195+85	2404.0	0.0	360.0	183.0	198.0	0.0	31.2	300.0
SUBTOTALS =	20396.0	40.0	2834.0	241.0	973.0	123.0	655.2	3060.0
<b>TOTALS =</b>	<b>20,436</b>		<b>2,834</b>	<b>1,214</b>		<b>123</b>	<b>655</b>	<b>3,060</b>

\* Includes quantity for Grand Avenue Detail

\*\* Includes quantity for Harvard Avenue Detail

**SHORT-TERM PAVEMENT MARKING SCHEDULE**

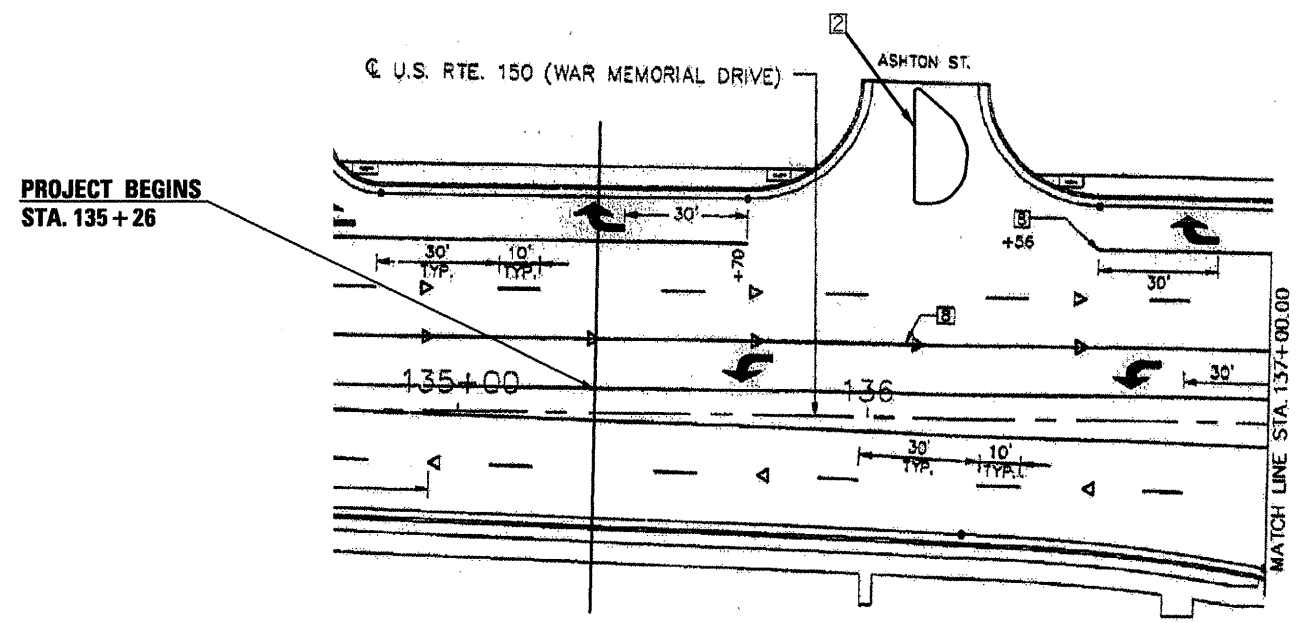
LOCATION			LENGTH (FT)	SHORT-TERM PAVEMENT MARKING		WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)
STA.	TO	STA.		YELLOW (FT)	WHITE (FT)	
135+26	TO	137+00	174	0.0	69.6	23.2
137+00	TO	143+00	600	35.2	187.8	74.3
143+00	TO	149+00	600	98.0	674.0	257.3
149+00	TO	154+00	500	100.0	108.0	69.3
154+00	TO	160+00	600	120.0	120.0	80.0
160+00	TO	166+00	600	120.0	120.0	80.0
166+00	TO	172+00	600	120.0	132.7	84.2
172+00	TO	178+00	600	120.0	336.0	152.0
178+00	TO	184+00	600	120.0	130.0	83.3
184+00	TO	190+00	600	120.0	130.0	83.3
190+00	TO	195+85	585	117.0	159.5	92.2
SUBTOTALS =				1070.2	2167.6	1079.3
SUBTOTALS X 2 APPLICATIONS =				2140.4	4335.2	
<b>TOTALS =</b>				<b>6,476</b>		<b>1,079</b>

**RAISED REFLECTIVE PAVEMENT MARKERS**

STA TO STA	ONE-WAY WHITE	ONE-WAY AMBER	TWO-WAY AMBER
135+26 TO 137+00	11	0	0
137+00 TO 143+00	22	0	6
143+00 TO 149+00	19	16	5
149+00 TO 154+00	13	18	3
154+00 TO 160+00	16	30	0
160+00 TO 166+00	14	30	0
166+00 TO 172+00	18	24	3
172+00 TO 178+00	18	18	4
178+00 TO 184+00	17	14	11
184+00 TO 190+00	16	26	2
190+00 TO 195+85	16	30	0
SUBTOTALS	180	206	34
<b>TOTALS</b>	<b>420</b>		

**RAISED REFLECTIVE PAVEMENT MARKER REMOVAL**

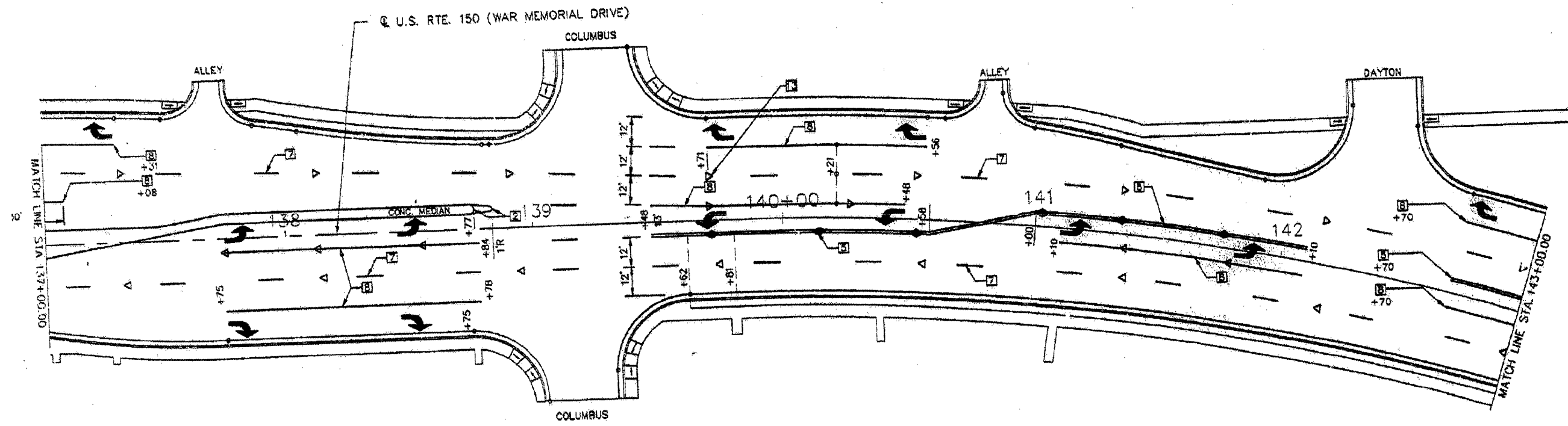
LOCATION	EACH
STA 135+26 TO 195+86	420
<b>TOTAL</b>	<b>420</b>



PAVEMENT MARKING LEGEND

- |                             |  |   |                   |
|-----------------------------|--|---|-------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)  |                   |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)  |                   |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)  |                   |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)   |                   |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)   |                   |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS                             | ◁ ONE WAY CRYSTAL |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL. | ◀ ONE WAY AMBER   |
|                             |  |   | ◆ TWO WAY AMBER   |

FILE NAME = MAIN.dgn	USER NAME = jochumsjg	DESIGNED - KJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 (PEORIA) PAVEMENT MARKING DETAIL	F.A.P. RTE. 317	SECTION 06,13RS-3,17RS-5,14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 13
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE:	SHEET NO. 1 OF 13 SHEETS	STA. 135+26	TO STA. 137+00	CONTRACT NO. 68455
PLOT DATE = 4/9/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



PAVEMENT MARKING LEGEND

- |                             |  |   |  |
|-----------------------------|--|---|--|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)  |  |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)  |  |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)  |  |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)   |  |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)   |  |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS<br>APPROXIMATE LOCATIONS SHOWN. SEE<br>STD 781001 FOR PLACEMENT DETAIL. |  |
| 7 6" SKIP-DASH (WHITE)      |  | ◁ ONE WAY CRYSTAL   |  |
|                             |  | ◄ ONE WAY AMBER   |  |
|                             |  | ◆ TWO WAY AMBER   |  |

FILE NAME = MAIN.dgn	USER NAME = jochums.jg	DESIGNED - KJH	REVISED -
		DRAWN - JGJ	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/9/2009	DATE -	REVISED -

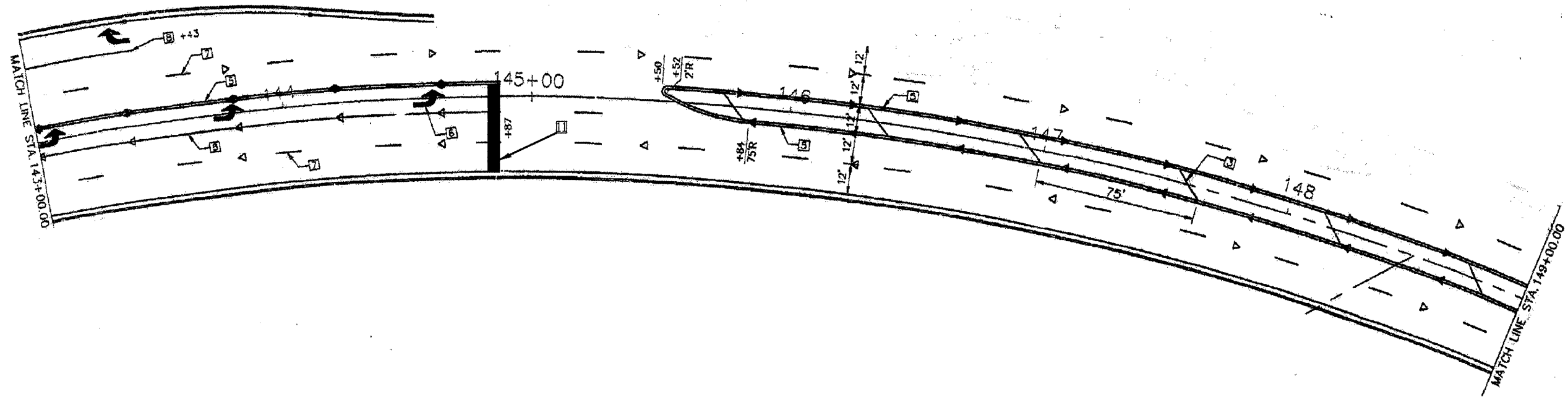
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 (PEORIA)  
PAVEMENT MARKING DETAIL

SCALE: SHEET NO. 2 OF 13 SHEETS STA. 137+00 TO STA. 143+00

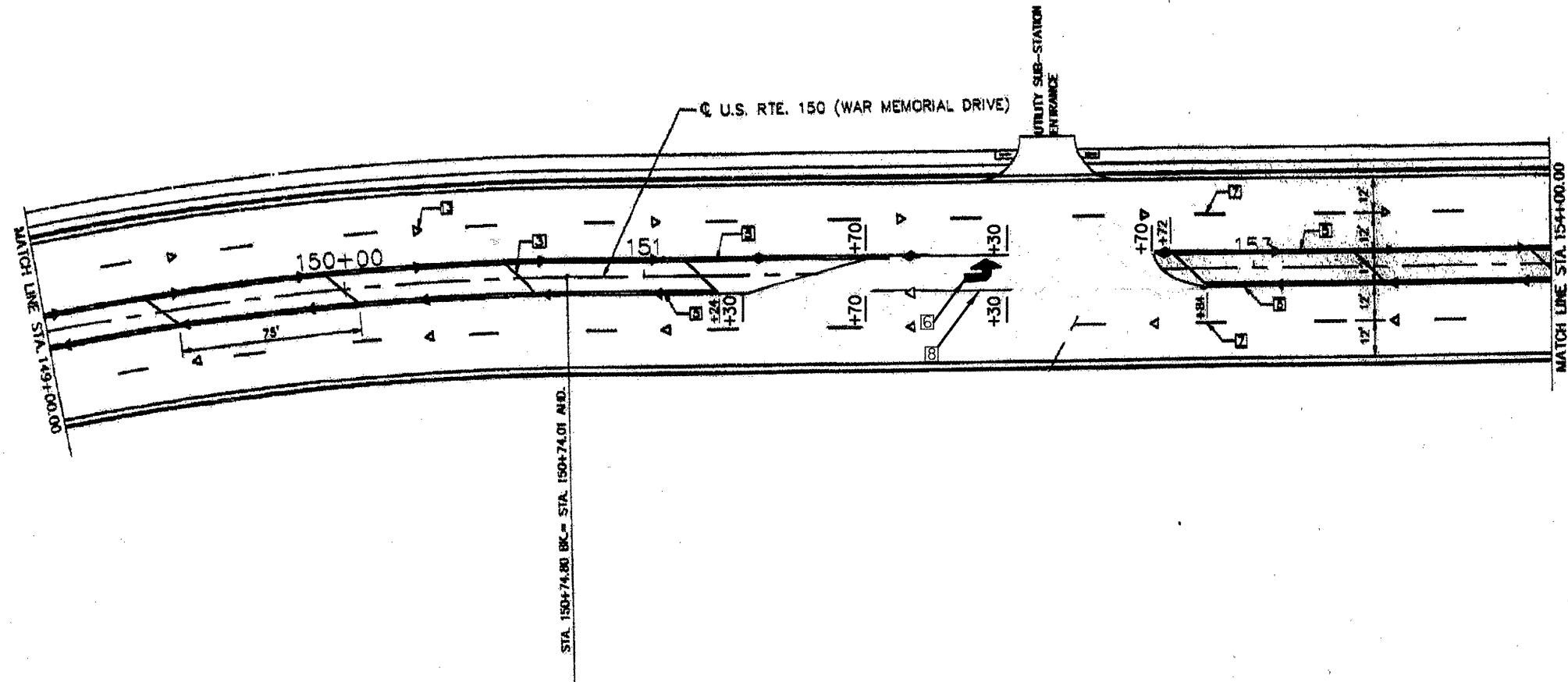
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	06,13RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	14
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

**SEE GRAND AVE. DETAIL**



PAVEMENT MARKING LEGEND

- |  |  |   |  |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>1 4" SKIP-DASH (YELLOW)</li> <li>2 4" SOLID (YELLOW)</li> <li>3 12" DIAGONAL (YELLOW)</li> <li>4 4" DOUBLE YELLOW (NARROW)</li> <li>5 4" DOUBLE YELLOW (WIDE)</li> <li>6 LETTERS &amp; SYMBOLS</li> <li>7 6" SKIP-DASH (WHITE)</li> </ul> |  | <ul style="list-style-type: none"> <li>8 8" SOLID (WHITE)</li> <li>9 12" DIAGONAL (WHITE)</li> <li>10 6" CROSS WALK (WHITE)</li> <li>11 24" STOP BAR (WHITE)</li> <li>12 4" SOLID (WHITE)</li> <li>13 RAISED REFLECTIVE PAVEMENT MARKERS</li> </ul> | <ul style="list-style-type: none"> <li>14 ONE WAY CRYSTAL</li> <li>15 ONE WAY AMBER</li> <li>16 TWO WAY AMBER</li> </ul> |
|--|--|---|--|
- APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL.



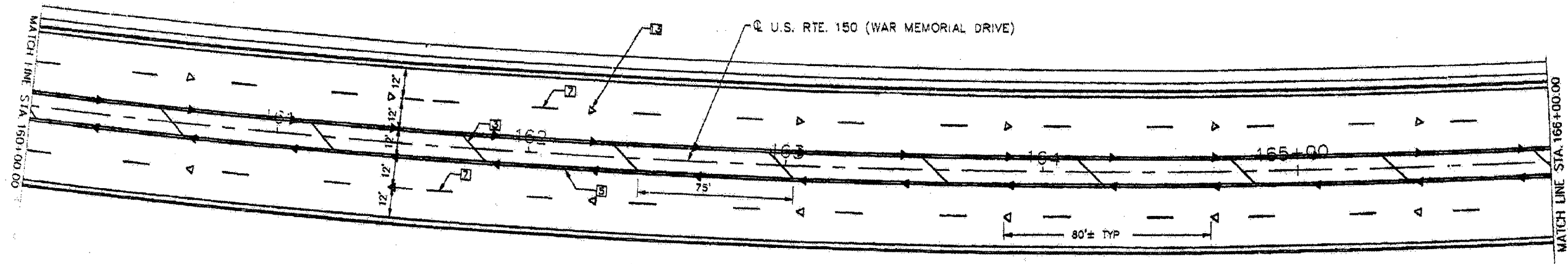
PAVEMENT MARKING LEGEND

- |                             |  |   |                   |
|-----------------------------|--|---|-------------------|
| ① 4" SKIP-DASH (YELLOW)     |  | ⑧ 8" SOLID (WHITE)  |                   |
| ② 4" SOLID (YELLOW)         |  | ⑨ 12" DIAGONAL (WHITE)  |                   |
| ③ 12" DIAGONAL (YELLOW)     |  | ⑩ 6" CROSS WALK (WHITE)   |                   |
| ④ 4" DOUBLE YELLOW (NARROW) |  | ⑪ 24" STOP BAR (WHITE)  |                   |
| ⑤ 4" DOUBLE YELLOW (WIDE)   |  | ⑫ 4" SOLID (WHITE)  |                   |
| ⑥ LETTERS & SYMBOLS         |  | ⑬ RAISED REFLECTIVE PAVEMENT MARKERS                              |                   |
| ⑦ 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL. | ◁ ONE WAY CRYSTAL |
|                             |  |   | ◄ ONE WAY AMBER   |
|                             |  |   | ◆ TWO WAY AMBER   |

FILE NAME = MAIN.dgn	USER NAME = jochums,jg	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 (PEORIA) PAVEMENT MARKING DETAIL</b>		F.A.P. RTE. 317	SECTION 06.13RS-3.17RS-5.14RS-1	COUNTY PEORIA/TAEWELL	TOTAL SHEETS 56	SHEET NO. 16
	PLOT SCALE = 100.0000' / 1" IN.	CHECKED -	REVISED -		SCALE: SHEET NO. 4 OF 13 SHEETS	STA. 149+00 TO STA. 154+00	CONTRACT NO. 68455		ILLINOIS FED. AID PROJECT		
PLOT DATE = 4/9/2009	DATE -	REVISED -									

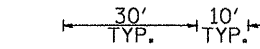






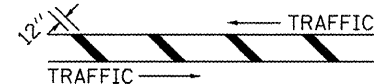
PAVEMENT MARKING LEGEND

1 4" SKIP-DASH (YELLOW)



2 4" SOLID (YELLOW)

3 12" DIAGONAL (YELLOW)



4 4" DOUBLE YELLOW (NARROW)

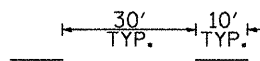


5 4" DOUBLE YELLOW (WIDE)



6 LETTERS & SYMBOLS

7 6" SKIP-DASH (WHITE)



8 8" SOLID (WHITE)

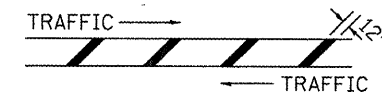
9 12" DIAGONAL (WHITE)

10 6" CROSS WALK (WHITE)

11 24" STOP BAR (WHITE)

12 4" SOLID (WHITE)

13 RAISED REFLECTIVE PAVEMENT MARKERS  
APPROXIMATE LOCATIONS SHOWN. SEE  
STD 781001 FOR PLACEMENT DETAIL.



◁ ONE WAY CRYSTAL  
◄ ONE WAY AMBER  
◆ TWO WAY AMBER

FILE NAME =  
MAIN.dgn

USER NAME = jochumsjg

DESIGNED - KJH  
DRAWN - JGJ

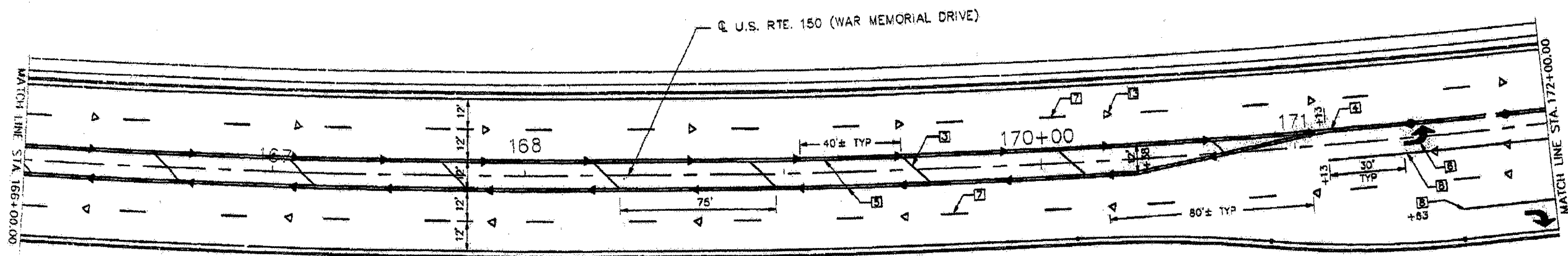
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 (PEORIA)  
PAVEMENT MARKING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	06.13RS-3.17RS-5.14RS-1	PEORIA/TAZEWELL	56	18

CONTRACT NO. 68455

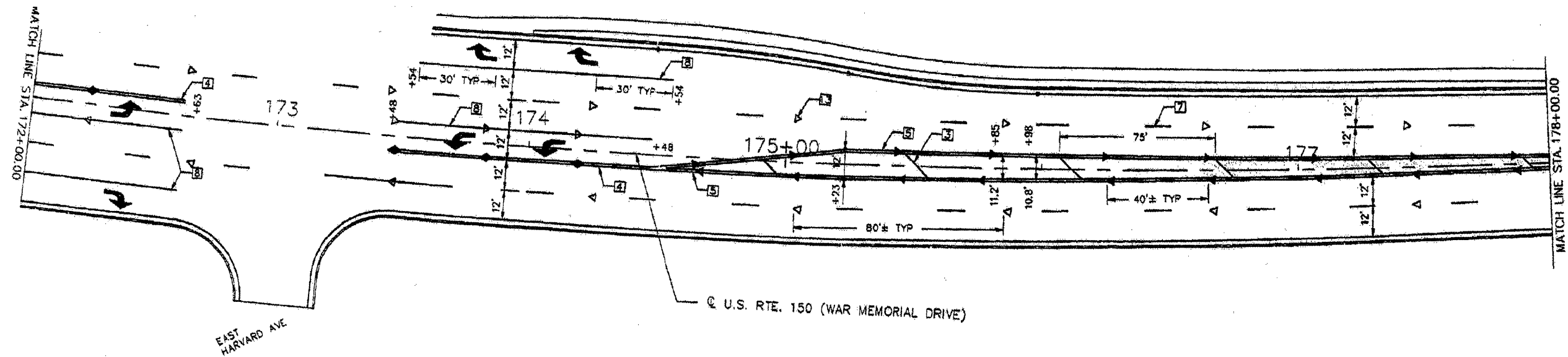


PAVEMENT MARKING LEGEND

- |                             |  |   |                   |
|-----------------------------|--|---|-------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)  |                   |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)  |                   |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)  |                   |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)   |                   |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)   |                   |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS                             |                   |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL. | ◁ ONE WAY CRYSTAL |
|                             |  |   | ◄ ONE WAY AMBER   |
|                             |  |   | ◆ TWO WAY AMBER   |

FILE NAME = MAIN.dgn	USER NAME = jochuma.jg	DESIGNED - KJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 (PEORIA) PAVEMENT MARKING DETAIL		F.A.P. RTE. 317	SECTION 06,13RS-3,17RS-5,14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 19
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -		SCALE:	SHEET NO. 7 OF 13 SHEETS	STA. 166+00 TO STA. 172+00	CONTRACT NO. 68455		ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/9/2009	CHECKED -	DATE -	REVISED -								

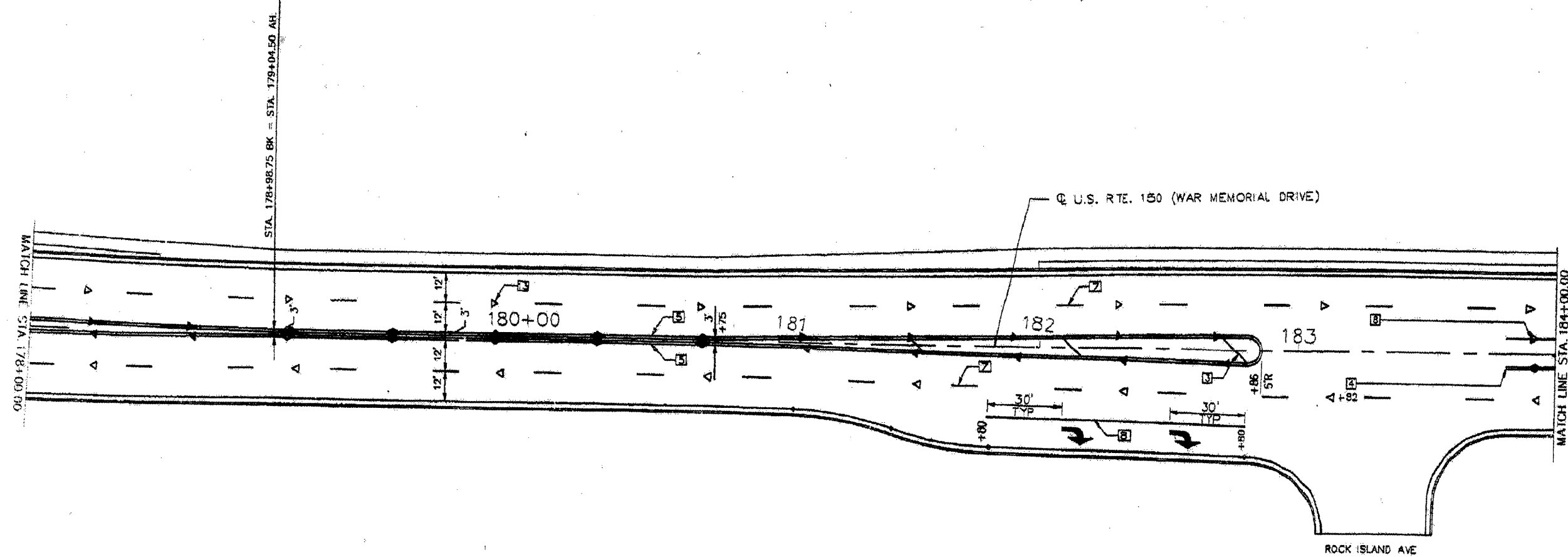
**SEE HARVARD AVE. DETAIL**



**PAVEMENT MARKING LEGEND**

- |                             |  |                                       |                   |
|-----------------------------|--|---------------------------------------|-------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)                    |                   |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)                |                   |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)              |                   |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)               |                   |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)                   |                   |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS | ◁ ONE WAY CRYSTAL |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE      | ◄ ONE WAY AMBER   |
|                             |  | STD 781001 FOR PLACEMENT DETAIL.      | ◆ TWO WAY AMBER   |

FILE NAME = MAIN.dgn	USER NAME = jochums_jg	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 (PEORIA) PAVEMENT MARKING DETAIL</b>		F.A.P. RTE. 317	SECTION 06.13RS-3.17RS-5.14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 20
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. 8 OF 13 SHEETS	STA. 172+00 TO STA. 178+00	CONTRACT NO. 68455			
PLOT DATE = 4/9/2009	DATE -	REVISED -					ILLINOIS LEED ATD PROJECT				



PAVEMENT MARKING LEGEND

- |                             |  |                                       |                   |
|-----------------------------|--|---------------------------------------|-------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)                    |                   |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)                |                   |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)              |                   |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)               |                   |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)                   |                   |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS |                   |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE      | ◀ ONE WAY CRYSTAL |
|                             |  | STD 781001 FOR PLACEMENT DETAIL.      | ◄ ONE WAY AMBER   |
|                             |  |                                       | ◆ TWO WAY AMBER   |

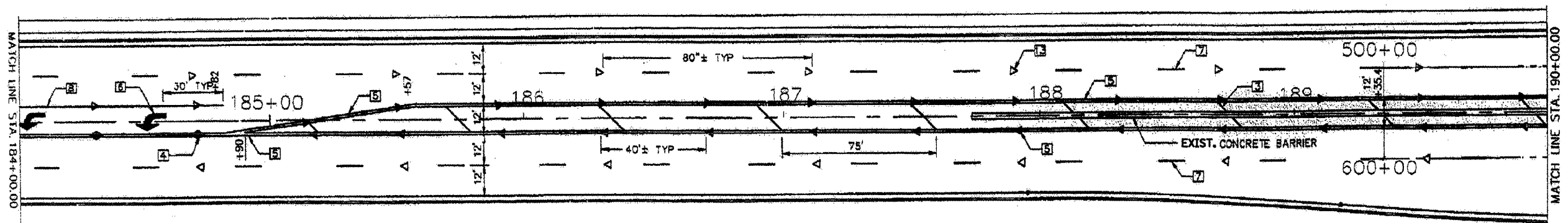
FILE NAME = MAIN.dgn	USER NAME = jochuma_jg	DESIGNED - KJH	REVISED -
		DRAWN - JGJ	REVISED -
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/9/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 150 (PEORIA)  
PAVEMENT MARKING DETAIL**

SCALE: SHEET NO. 9 OF 13 SHEETS STA. 178+00 TO STA. 184+00

F.A.P. RTE. 317	SECTION 06.13RS-3.17RS-5.14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 21
CONTRACT NO. 68455				
ILLINOIS FED. AID PROJECT				



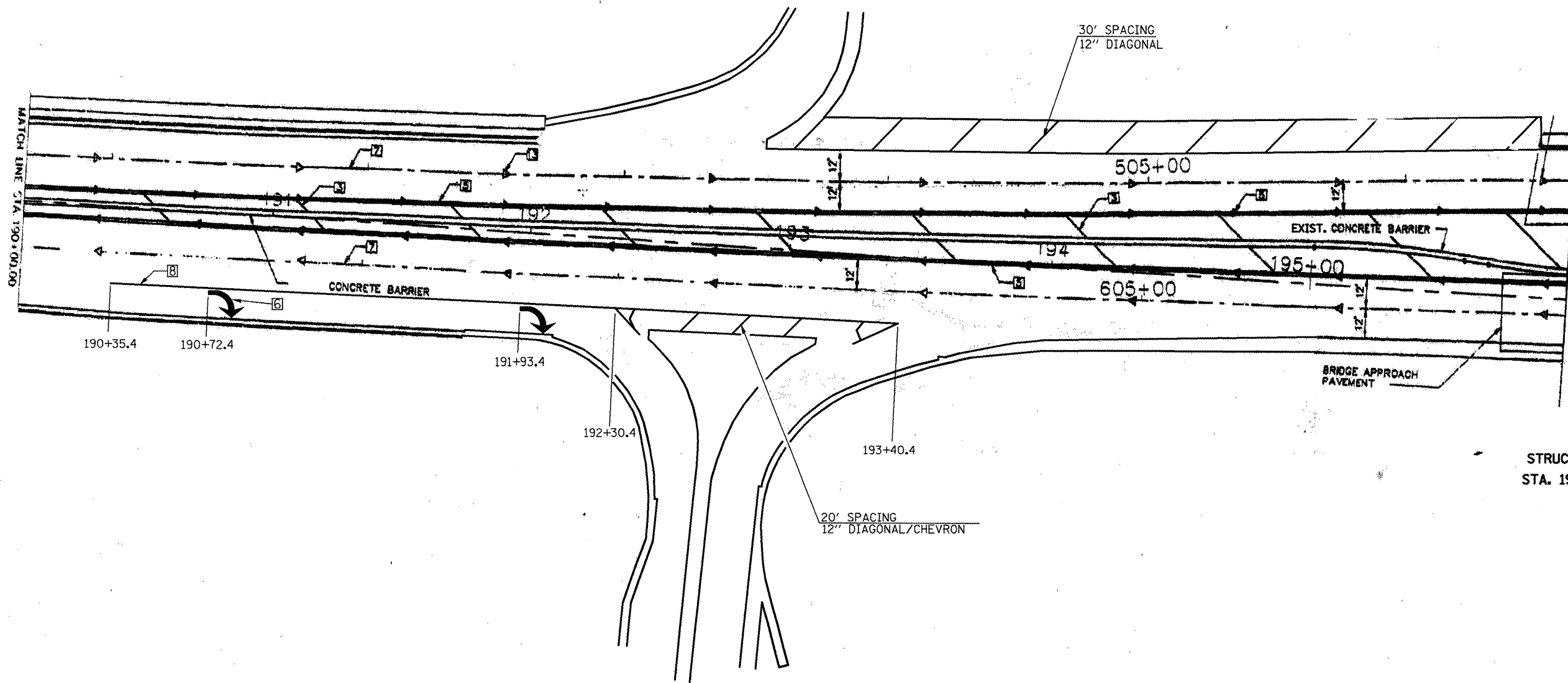
PAVEMENT MARKING LEGEND

- |                             |  |                                       |  |
|-----------------------------|--|---------------------------------------|--|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)                    |  |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)                |  |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)              |  |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)               |  |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)                   |  |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS |  |
| 7 6" SKIP-DASH (WHITE)      |  | 14 ONE WAY CRYSTAL                    |  |
|                             |  | 15 ONE WAY AMBER                      |  |
|                             |  | 16 TWO WAY AMBER                      |  |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 (PEORIA)  
PAVEMENT MARKING DETAIL

FILE NAME = MAIN.dgn	USER NAME = jochumejg	DESIGNED - KJH	REVISED -	SCALE: SHEET NO. 10 OF 13 SHEETS STA. 184+00 TO STA. 190+00	F.A.P. RTE. 317	SECTION 06.13RS-3.17RS-5.14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 22
		DRAWN - JGJ	REVISED -					CONTRACT NO. 68455	
		CHECKED -	REVISED -						
		DATE -	REVISED -						
					ILLINOIS FED. AID PROJECT				



STRUCTURE OMISSION  
STA. 195+85 TO 246+29

PAVEMENT MARKING LEGEND

- |                             |  |                                       |                    |
|-----------------------------|--|---------------------------------------|--------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)                    |                    |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)                |                    |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)              |                    |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)               |                    |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)                   |                    |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS | 14 ONE WAY CRYSTAL |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE      | 15 ONE WAY AMBER   |
|                             |  | STD 781001 FOR PLACEMENT DETAIL.      | 16 TWO WAY AMBER   |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 (PEORIA)  
PAVEMENT MARKING DETAIL

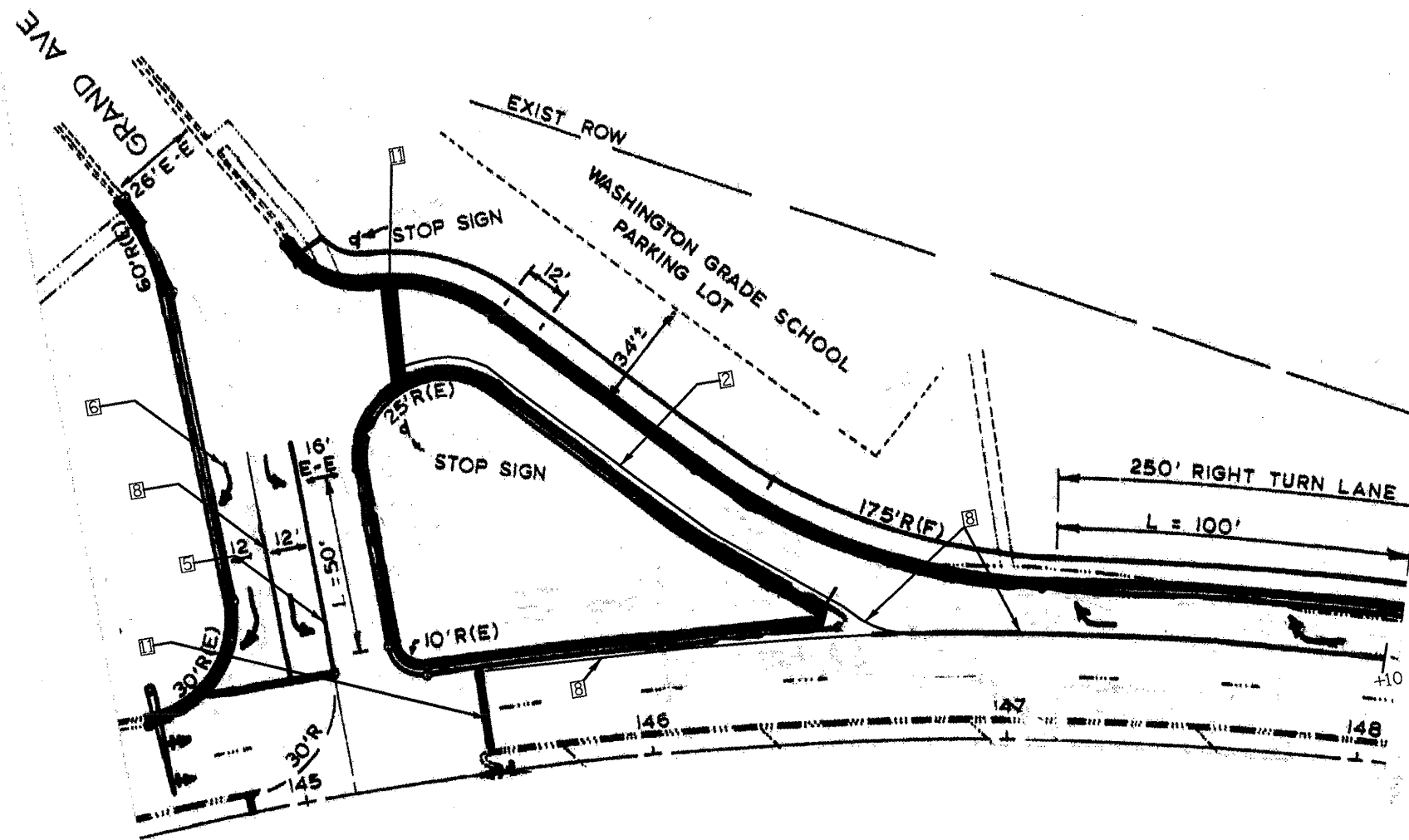
FILE NAME =  
MAIN.dgn

USER NAME = jochuma.jg  
PLOT SCALE = 1/8" = 100.0000' / IN.  
PLOT DATE = 4/9/2009

DESIGNED - KJH	REVISED -
DRAWN - JGJ	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

SCALE: SHEET NO. 11 OF 13 SHEETS STA. 190+00 TO STA. 195+85

F.A.P. RTE. 317	SECTION 06.13RS-3.17RS-5.14RS-1	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 23
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

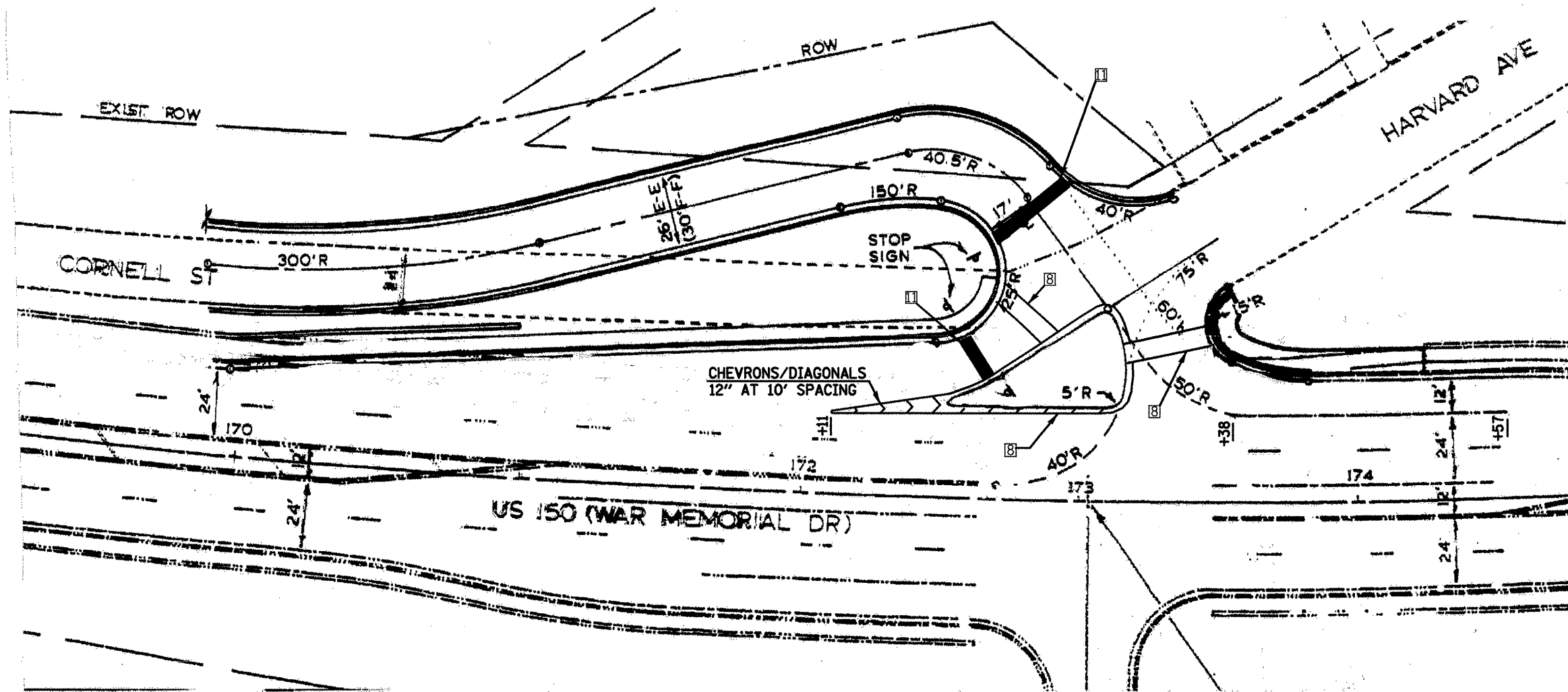


PAVEMENT MARKING LEGEND

- |                             |  |   |                    |
|-----------------------------|--|---|--------------------|
| 1 4" SKIP-DASH (YELLOW)     |  | 8 8" SOLID (WHITE)  |                    |
| 2 4" SOLID (YELLOW)         |  | 9 12" DIAGONAL (WHITE)  |                    |
| 3 12" DIAGONAL (YELLOW)     |  | 10 6" CROSS WALK (WHITE)  |                    |
| 4 4" DOUBLE YELLOW (NARROW) |  | 11 24" STOP BAR (WHITE)   |                    |
| 5 4" DOUBLE YELLOW (WIDE)   |  | 12 4" SOLID (WHITE)   |                    |
| 6 LETTERS & SYMBOLS         |  | 13 RAISED REFLECTIVE PAVEMENT MARKERS                             | 14 ONE WAY CRYSTAL |
| 7 6" SKIP-DASH (WHITE)      |  | APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL. | 15 ONE WAY AMBER   |
|                             |  |   | 16 TWO WAY AMBER   |

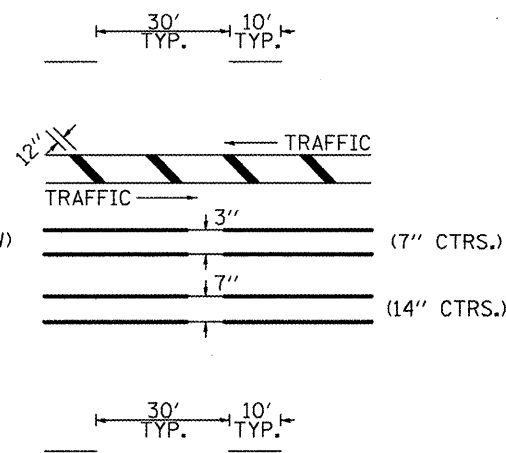
FILE NAME = MAIN.dgn	USER NAME = jochuma.jg	DESIGNED - KJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 (PEORIA) GRAND AVE. PAVEMENT MARKING DETAIL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -		SCALE:	SHEET NO. 12 OF 13 SHEETS	STA. TO STA.	317	06.13RS-3.17RS-5.14RS-1	PEORIA/TAEWELL	56
PLOT DATE = 4/9/2009	DATE -	REVISOR -	REVISOR -				CONTRACT NO. 68455		ILLINOIS FED. AID PROJECT		



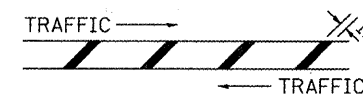


PAVEMENT MARKING LEGEND

- 1 4" SKIP-DASH (YELLOW)
- 2 4" SOLID (YELLOW)
- 3 12" DIAGONAL (YELLOW)
- 4 4" DOUBLE YELLOW (NARROW)
- 5 4" DOUBLE YELLOW (WIDE)
- 6 LETTERS & SYMBOLS
- 7 6" SKIP-DASH (WHITE)



- 8 8" SOLID (WHITE)
- 9 12" DIAGONAL (WHITE)
- 10 6" CROSS WALK (WHITE)
- 11 24" STOP BAR (WHITE)
- 12 4" SOLID (WHITE)



- 13 RAISED REFLECTIVE PAVEMENT MARKERS APPROXIMATE LOCATIONS SHOWN. SEE STD 781001 FOR PLACEMENT DETAIL.
- 14 ONE WAY CRYSTAL
- 15 ONE WAY AMBER
- 16 TWO WAY AMBER

FILE NAME = MAIN.dgn	USER NAME = jochums.jg	DESIGNED - KJH	REVISED -
		DRAWN - JGJ	REVISED -
	PLLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLLOT DATE = 4/9/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 150 (PEORIA)  
HARVARD AVE. PAVEMENT MARKING DETAIL**

SCALE: SHEET NO. 13 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	06.13RS-3.17RS-5.14RS-1	PEORIA/TAZEWELL	56	25
CONTRACT NO. 68455				
ILLINOIS FED. AID PROJECT				

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.

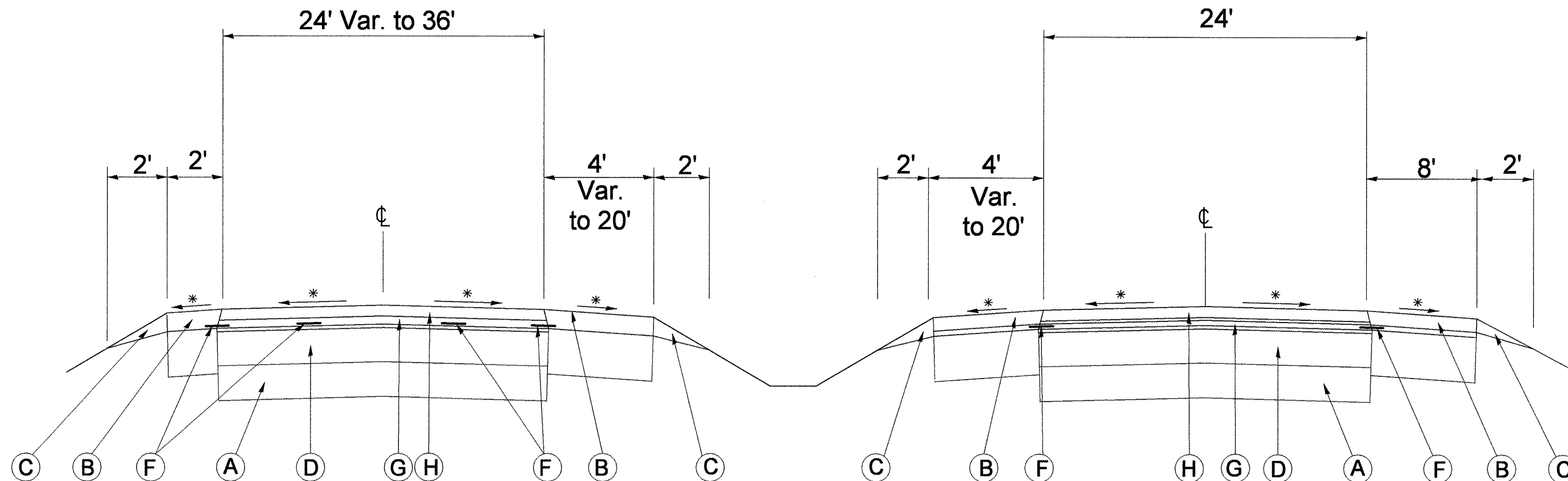
CONSTRUCTION NOTES	
1.	ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2.	THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY 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 WITH NATIONAL, STATE, AND LOCAL CODES.

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE US 150 (WAR MEMORIAL DR.) & GRAND				
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-1	6' X 50' QUAD	162	30	1
D-2A	6' X 6'	24	18	2
D-2B	6' X 6'	24	6	2
D-6A	6' X 6'	24	18	6
D-6B	6' X 6'	24	6	6
TOTAL:		258	78	

US 150 (WAR MEMORIAL) & GRAND - SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY.
DETECTOR LOOP, TYPE I	FOOT	336.0

### WESTBOUND LANES

### EASTBOUND LANES



#### LEGEND

- A. EXIST. STD. REM. 10 P.C.C. PAVEMENT
- B. PROP. BIT. SHLDR 2 1/4"
- C. PROP. AGGREGATE SHOULDER WEDGE
- D. EXIST. BIT. CONC. OVERLAY
- F. PROP. STRIP REFLEC. CRACK CONT. TREAT
- G. PROP. LEVELING BINDER IL 4.75 (3/4")
- H. PROP. BIT. CONC. SURFD. CSE MIX D (1 1/2")

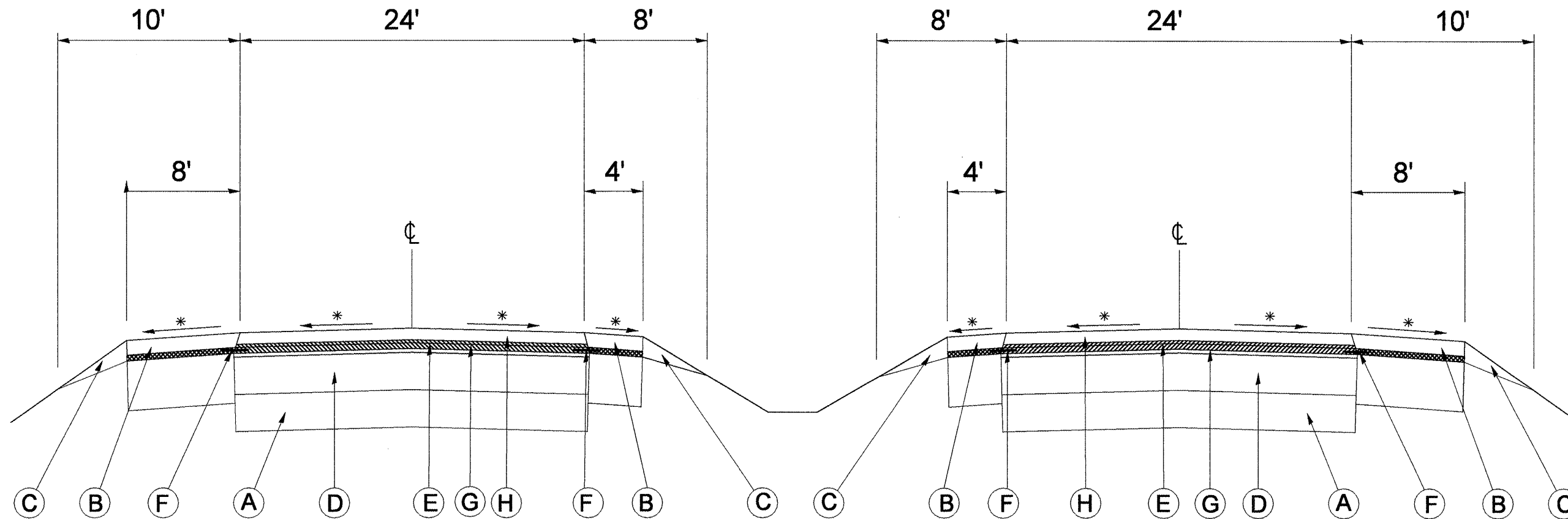
\* MATCH EXISTING SLOPE

### TYPICAL SECTION #1 US 24 STA. 246 + 29 TO STA. 253 + 40

FILE NAME = 3P-US24EPE0.dgn	USER NAME = mcfaddenjk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION US 24 (FAP 317) US 150</b>		F.A.P. RTE. 317	SECTION (16,13)RS-3, 17RS-5, 14RS-1	COUNTY *	TOTAL SHEETS 56	SHEET NO. 27
	PLDT SCALE = 200.0000' / IN.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	<b>CONTRACT NO. 68455</b>		US 24 FED. AID PROJECT	
	PLDT DATE = 4/9/2009	CHECKED -	REVISED -								
		DATE -	REVISED -								

**WESTBOUND LANES**

**EASTBOUND LANES**



**LEGEND**

- A. EXIST. STD. REM. 10 P.C.C. PAVEMENT
  - B. PROP. BIT. SHLDR 2 1/4"
  - C. PROP. AGGREGATE SHOULDER WEDGE
  - D. EXIST. BIT. CONC. OVERLAY
  - E. PROP. BIT. CONC. SURF. REM 1 1/2"
  - F. PROP. STRIP REFLEC. CRACK CONT. TREAT
  - G. PROP. LEVELING BINDER IL 4.75 (3/4")
  - H. PROP. BIT. CONC. SURFD. CSE MIX D (1 1/2")
- \* MATCH EXISTING SLOPE

**TYPICAL SECTION #1 US 24  
STA. 253+40 TO STA. 342+00**

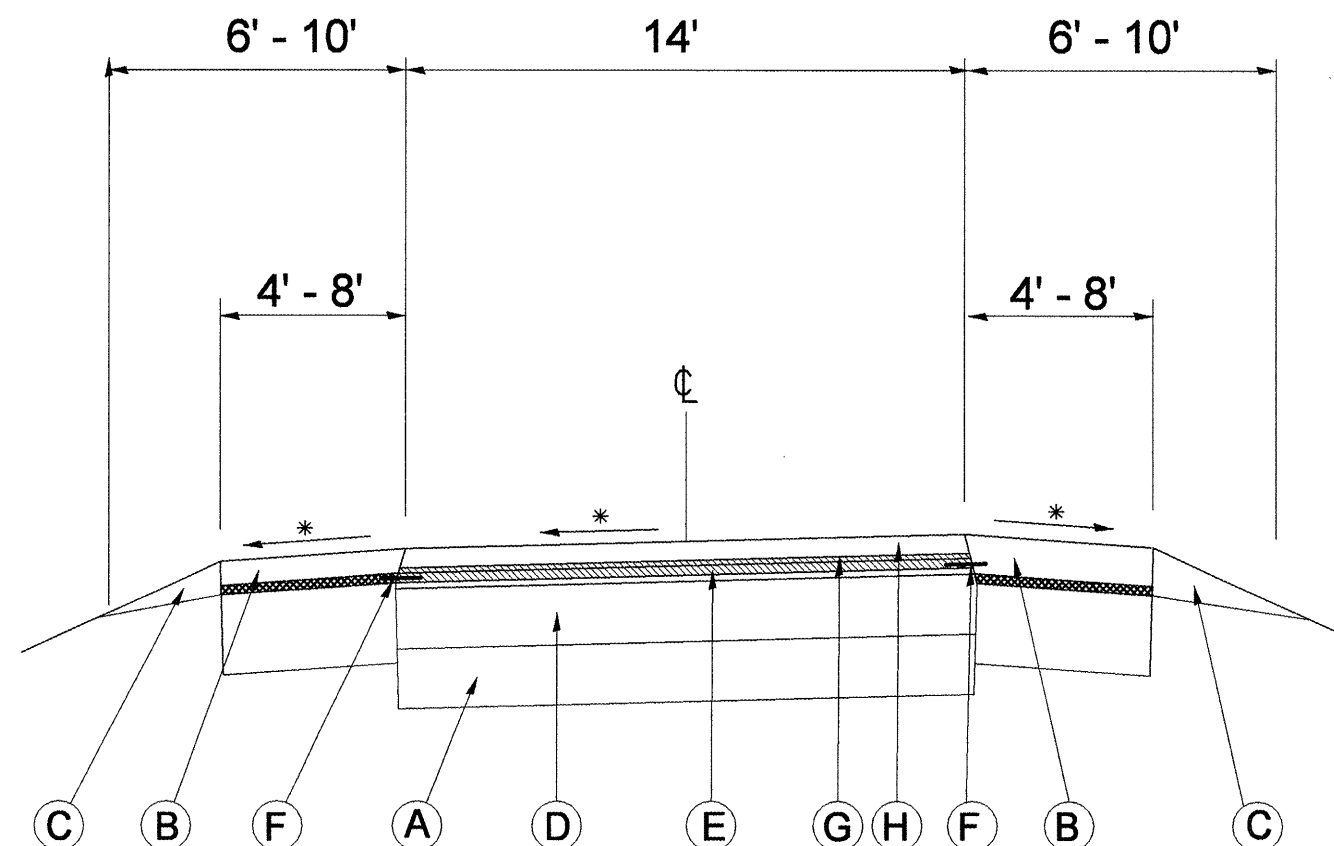
FILE NAME = 3P-US24EPE0.dgn	USER NAME = mcfaddenjk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/9/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTION US 24 (FAP 317) US 150</b>			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 317	SECTION (16,13)RS-3, 17RS-5, 14RS-1	COUNTY -	TOTAL SHEETS 56	SHEET NO. 28
CONTRACT NO. 68455				
US 24 FED. AID PROJECT				

# RAMPS



### LEGEND

- A. EXIST. STD. REM. 10 P.C.C. PAVEMENT
- B. PROP. BIT. SHLDR 2 1/2"
- C. PROP. AGGREGATE SHOULDER WEDGE
- D. EXIST. BIT. CONC. OVERLAY
- E. PROP. BIT. CONC. SURF. REM 1 1/2"
- F. PROP. STRIP REFLEC. CRACK CONT. TREAT
- G. PROP. LEVELING BINDER IL 4.75 (3/4")
- H. PROP. BIT. CONC. SURFD. CSE MIX D (1 1/2")
- \* MATCH EXISTING SLOPE

FILE NAME = 3P-US24EPEQ.dgn	USER NAME = mofaddenjk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION RAMPS</b>	F.A.P. RTE. 317	SECTION (16,13)RS-3, 17RS-5, 14RS-1	COUNTY -	TOTAL SHEETS 56	SHEET NO. 29
	PLOT SCALE = 200.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 68455	
	PLOT DATE = 4/9/2009	DATE -	REVISED -		SCALE: NONE	SHEET NO.	OF	SHEETS	STA.	TO STA.



**TABULATION OF RESURFACING QUANTITIES**

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL VD IN	HMA SURFACE REMOVAL 1.5" IN	POLY. BIT. MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	LEVELING BINDER (MM) 0.75 IN	STRIP REFL CRACK CONT TREATMENT	HMA SURF CSE MIX E, N 70 1.5 IN
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	FT	TON
Eastbound Mainline 0 + 00 TO 0 + 00												
STA. 246 + 59 TO 246 + 89	24.00	30.00	80.00	113.33	13.33			0.05	0.31		60.00	6.76
STA. 246 + 89 TO 247 + 04	24.00	15.00	40.00					0.03	0.15	1.68	30.00	3.38
STA. 247 + 04 TO 253 + 40	24.00	636.00	1696.00					1.45	7.94	71.42	1272.00	143.21
STA. 253 + 40 TO 253 + 70	24.00	30.00	80.00			113.33		0.08	0.43	3.37		6.76
STA. 253 + 70 TO 273 + 63	24.00	1993.40	5315.73				7973.60	3.83	21.26	223.84	3987.20	448.85
STA. 273 + 63 TO 273 + 78	24.00	15.00	40.00				40.00	0.03	0.16	1.68	30.00	3.38
STA. 273 + 78 TO 274 + 08	24.00	30.00	80.00	113.33	13.33			0.06	0.32	3.37	60.00	6.76
Bridge Omission 0 + 00 TO 0 + 00												
STA. 277 + 34 TO 277 + 64	24.00	30.00	80.00	113.33	13.33			0.06	0.32	3.37	60.00	6.76
STA. 277 + 64 TO 277 + 79	24.00	15.00	40.00				56.67	0.03	0.16	1.68	30.00	3.38
STA. 277 + 79 TO 282 + 54	24.00	474.10	1264.27				1896.41	0.91	5.06	53.24	948.20	106.75
STA. 282 + 54 TO 282 + 69	24.00	15.00	40.00				56.67	0.03	0.16	1.68	30.00	3.38
STA. 282 + 69 TO 282 + 99	24.00	30.00	80.00	113.33	13.33			0.06	0.32	3.37	60.00	6.76
Bridge omission 0 + 00 TO 0 + 00												
STA. 284 + 48 TO 284 + 78	24.00	30.00	80.00	113.33	13.33			1.18	5.94	3.37	60.00	6.76
STA. 284 + 78 TO 284 + 93	24.00	15.00	40.00				56.67	0.03	0.12	1.68	30.00	3.38
STA. 284 + 93 TO 341 + 55	0.00	5661.90	22031.90		53.32		30574.76	14.87	83.18	926.99	11323.80	1857.29
STA. 341 + 55 TO 341 + 70	24.00	15.00	40.00				56.67	0.02	0.12	1.68	30.00	3.38
STA. 341 + 70 TO 342 + 00	24.00	30.00	80.00	80.00	13.33			0.04	0.24	3.37	60.00	6.76
0 + 00 TO 0 + 00												
West bound Mainline 0 + 00 TO 0 + 00												
STA. 246 + 29 TO 246 + 59	36.00	30.00	120.00	133.33	20.00			0.07	0.39		60.00	10.12
STA. 246 + 59 TO 246 + 74	36.00	15.00	60.00					0.03	0.18		30.00	5.06
STA. 246 + 74 TO 253 + 40	36.00	666.00	2664.00					2.01	11.10	112.08	1998.00	224.55
STA. 253 + 40 TO 253 + 70	36.00	30.00	120.00			120.00		0.06	0.36	5.05	60.00	10.12
STA. 253 + 70 TO 273 + 78	36.00	2007.80	6327.47				9004.54	4.36	24.34	266.34	5475.60	533.85
STA. 273 + 78 TO 273 + 93	24.00	15.00	40.00				60.00	0.03	0.16	1.68	30.00	3.38
STA. 273 + 93 TO 274 + 23	24.00	30.00	80.00	120.00	13.33			0.04	0.24	3.37	60.00	6.76
Bridge Omission 0 + 00 TO 0 + 00												
STA. 277 + 52 TO 277 + 82	24.00	30.00	80.00	120.00	13.33			0.06	0.32	3.37	60.00	6.76
STA. 277 + 82 TO 277 + 97	24.00	14.99	39.97				59.96	0.03	0.16	1.68	30.00	3.38
STA. 277 + 97 TO 282 + 54	24.00	457.50	1220.00				1830.00	0.88	4.88	51.37	915.00	103.01
STA. 282 + 54 TO 282 + 69	24.00	15.00	40.00				60.00	0.03	0.16	1.68	30.00	3.38
STA. 282 + 69 TO 282 + 99	24.00	30.00	80.00	120.00	13.33			0.06	0.32	3.37	60.00	6.76
Bridge Omission 0 + 00 TO 0 + 00												
STA. 284 + 49 TO 284 + 79	79.10	30.00	263.67	120.00	13.33			0.14	0.79	11.08	60.00	22.18
STA. 284 + 79 TO 284 + 94	24.00	15.00	40.00				60.00	0.02	0.12	1.68	30.00	3.38
STA. 284 + 94 TO 341 + 55	24.00	5660.90	17738.84		13.33		26544.58	9.22	53.22	746.68	11321.30	1496.67
STA. 341 + 55 TO 341 + 70	24.00	15.00	40.00				60.00	0.02	0.12	1.68	30.00	3.38
STA. 341 + 70 TO 342 + 00	24.00	30.00	80.00	120.00	13.33			0.04	0.24	3.37	60.00	6.76
STA. 0 + 00 TO 0 + 00												
Ramp A 0 + 00 TO 0 + 00	14.00	1895.00	3548.34	43.33	33.33		6032.00	2.86	10.65	149.58	3790.00	300.27
Ramp B 0 + 00 TO 0 + 00	14.00	1060.00	1944.50	43.33	7.78		3314.00	1.58	5.83	81.98	2120.00	164.57
Ramp C 0 + 00 TO 0 + 00	14.00	1200.00	2177.80	43.33	7.78		3868.00	1.83	6.53	91.82	2400.00	184.34
Ramp D 0 + 00 TO 0 + 00	14.00	1340.00	2990.55	43.33	7.78		5058.67	2.27	8.97	125.99	3045.00	252.77
Ramp E 0 + 00 TO 0 + 00	14.00	3065.00	5168.34	43.33	7.78		8672.00	4.32	15.51	217.96	4915.00	437.72
Ramp F 0 + 00 TO 0 + 00	14.00	1400.00	2427.80	43.33	7.78		4251.44	2.01	7.28	102.38	2800.00	205.57
Ramp G 0 + 00 TO 0 + 00	14.00	4110.00	6665.55	43.33	15.56		13015.88	6.02	20.00	281.15	8200.00	564.70
STA. 0 + 00 TO 0 + 00												
<b>GRAND-TOTAL</b>				<b>1,683</b>	<b>321</b>	<b>233</b>	<b>122,603</b>	<b>60.7</b>	<b>298.1</b>	<b>3,571</b>	<b>65,651</b>	<b>7,183</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 FACTORS	
SURFACE TYPE	
BIT. SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

FILE NAME = SCH0.dgn	USER NAME = horstkj	DESIGNED - MAM	REVISED -
		DRAWN - CEJ	REVISED -
		CHECKED -	REVISED -
		DATE - 04/09/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
US 24 (FAP 317) US 150**

F.A.P. RTE. 317	SECTION (16,13RS-3,17RS-5,14RS-1)	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 31
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 68455	
ILLINOIS FED. AID PROJECT				

TABULATION OF RESURFACING QUANTITIES							
LOCATION	HMA SHOULDERS				AGGREGATE SHOULDERS TYPE B		
	LEFT SIDE	RIGHT SIDE	LEFT SIDE	RIGHT SIDE	LEFT SIDE	RIGHT SIDE	
	TON	TON	TON	TON	TON	TON	
Eastbound Mainline	0 + 00 TO 0 + 00						
STA.	246 + 59 TO 246 + 89	0.88	3.40	0.76	0.76		
STA.	246 + 89 TO 247 + 04	0.44	1.70	0.38	0.38		
STA.	247 + 04 TO 253 + 40	109.36	72.07	16.10	16.10		
STA.	253 + 40 TO 253 + 70	8.44	3.40	0.76	0.76		
STA.	253 + 70 TO 273 + 63	58.43	281.69	50.45	50.45		
STA.	273 + 63 TO 273 + 78	0.44	2.12	0.38	0.38		
STA.	273 + 78 TO 274 + 08	0.88	4.24	0.76			
Bridge Omission	0 + 00 TO 0 + 00						
STA.	277 + 34 TO 277 + 64	0.88	4.24	0.76	0.76		
STA.	277 + 64 TO 277 + 79	0.44	2.12	0.38	0.38		
STA.	277 + 79 TO 282 + 54	13.90	67.00	12.00	12.00		
STA.	282 + 54 TO 282 + 69	0.44	2.12	0.38	0.38		
STA.	282 + 69 TO 282 + 99	0.88	4.24	0.76	0.76		
Bridge omission	0 + 00 TO 0 + 00						
STA.	284 + 48 TO 284 + 78	354.86	4.24	0.76	0.76		
STA.	284 + 78 TO 284 + 93	0.86	2.12	0.38	0.38		
STA.	284 + 93 TO 341 + 55	362.25	729.12	143.30	143.30		
STA.	341 + 55 TO 341 + 70	0.02	0.02	0.38	0.38		
STA.	341 + 70 TO 342 + 00	0.04	0.04	0.76	0.76		
0	0 + 00 TO 0 + 00						
West bound Mainline	0 + 00 TO 0 + 00						
STA.	246 + 29 TO 246 + 59	0.46	1.72	0.76	0.76		
STA.	246 + 59 TO 246 + 74	0.02	0.02	0.38	0.38		
STA.	246 + 74 TO 253 + 40	10.20	187.35	16.86	16.86		
STA.	253 + 40 TO 253 + 70			0.76	0.76		
STA.	253 + 70 TO 273 + 78	283.73	58.85	50.81	50.81		
STA.	273 + 78 TO 273 + 93	2.12	0.44	0.38	0.38		
STA.	273 + 93 TO 274 + 23						
Bridge Omission	0 + 00 TO 0 + 00						
STA.	277 + 52 TO 277 + 82	4.24	0.88	0.76	0.76		
STA.	277 + 82 TO 277 + 97	2.12	0.44	0.38	0.38		
STA.	277 + 97 TO 282 + 54	64.65	13.41	11.58	11.58		
STA.	282 + 54 TO 282 + 69	2.12	0.44	0.38	0.38		
STA.	282 + 69 TO 282 + 99	4.24	0.88	0.76	0.76		
Bridge Omission	0 + 00 TO 0 + 00						
STA.	284 + 49 TO 284 + 79	0.04		0.76	0.76		
STA.	284 + 79 TO 284 + 94	0.02		0.38	0.38		
STA.	284 + 94 TO 341 + 55	799.96	165.94	143.27	143.27		
STA.	341 + 55 TO 341 + 70	2.12	0.44	0.38	0.38		
STA.	341 + 70 TO 342 + 00	4.24	0.88	0.76	0.76		
STA.	0 + 00 TO 0 + 00						
Ramp A	0 + 00 TO 0 + 00	108.61	214.73	47.96	47.96		
Ramp B	0 + 00 TO 0 + 00	60.75	120.11	26.83	26.83		
Ramp C	0 + 00 TO 0 + 00	68.78	152.78	30.37	30.37		
Ramp D	0 + 00 TO 0 + 00	76.80	151.84	33.91	33.91		
Ramp E	0 + 00 TO 0 + 00	175.66	347.30	77.57	77.57		
Ramp F	0 + 00 TO 0 + 00	80.24	158.64	35.43	35.43		
Ramp G	0 + 00 TO 0 + 00	350.63	465.71	104.02	104.02		
STA.	0 + 00 TO 0 + 00						
<b>GRAND-TOTAL</b>		<b>3,015</b>	<b>3,227</b>	<b>815</b>	<b>814</b>		
<b>TOTAL</b>		<b>6,242</b>	<b>TOTAL</b>	<b>1,629</b>			



# SCHEDULE OF QUANTITIES

## TERMINAL MARKER DIRECT APPLIED

LOCATION	EACH
WB Sta. 249+29 Lt.	1
WB Sta. 249+29 Rt.	1
EB Sta. 249+59 Rt.	1
EB Sta. 259+55 Rt.	1
EB Sta. 272+77.5 Rt.	1
EB Sta. 281+67.5 Lt.	1
WB Sta. 295+29 Rt.	1
WB Sta. 298+20 Lt.	1
<b>TOTAL</b>	<b>8</b>

## SHORT TERM PAVEMENT MARKING

LOCATION	FOOT
EB LANE	4007
WB LANE	4020
RAMPS	3686
<b>TOTAL</b>	<b>11713</b>

## WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	FOOT
EB LANE	445
WB LANE	447
RAMPS	409
<b>TOTAL</b>	<b>1301</b>

## CHANGEABLE MESSAGE SIGN

LOCATION	CAL MO
JOBSITE	18
<b>TOTAL</b>	<b>18</b>

## PERMANENT PAVEMENT MARKING SCHEDULE

LOCATION	EPOXY PAVEMENT MARKING-							PREFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 6" SKIPDASH (FT)
	LINE 4"		LINE 8"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS (SQFT)	
	SOLID YELLOW (FT)	SOLID WHITE (FT)	SOLID WHITE (FT)	SOLID WHITE (FT)	DIAGONAL YELLOW (FT)	STOP BAR WHITE (FT)		
US24 MAINLINE EB & WB	33886	35716	7880					4490
BURIED Lt. TURN LN. AT BROOKSTONE DR.	337	100	237	118	176	15	62.4	
US24 AT COLLEGE DR./ VILLAGE DR.	887	1599	551	474		153	277.8	
RAMPS	13776	19824	959	200				
<b>SUB-TOTAL</b>	<b>48886</b>	<b>57239</b>	<b>9627</b>	<b>792</b>	<b>176</b>	<b>168</b>	<b>340.2</b>	<b>4490</b>
<b>TOTAL</b>	<b>106125</b>		<b>9627</b>	<b>968</b>		<b>168</b>	<b>340</b>	<b>4490</b>

## MATERIAL TRANSFER DEVICE

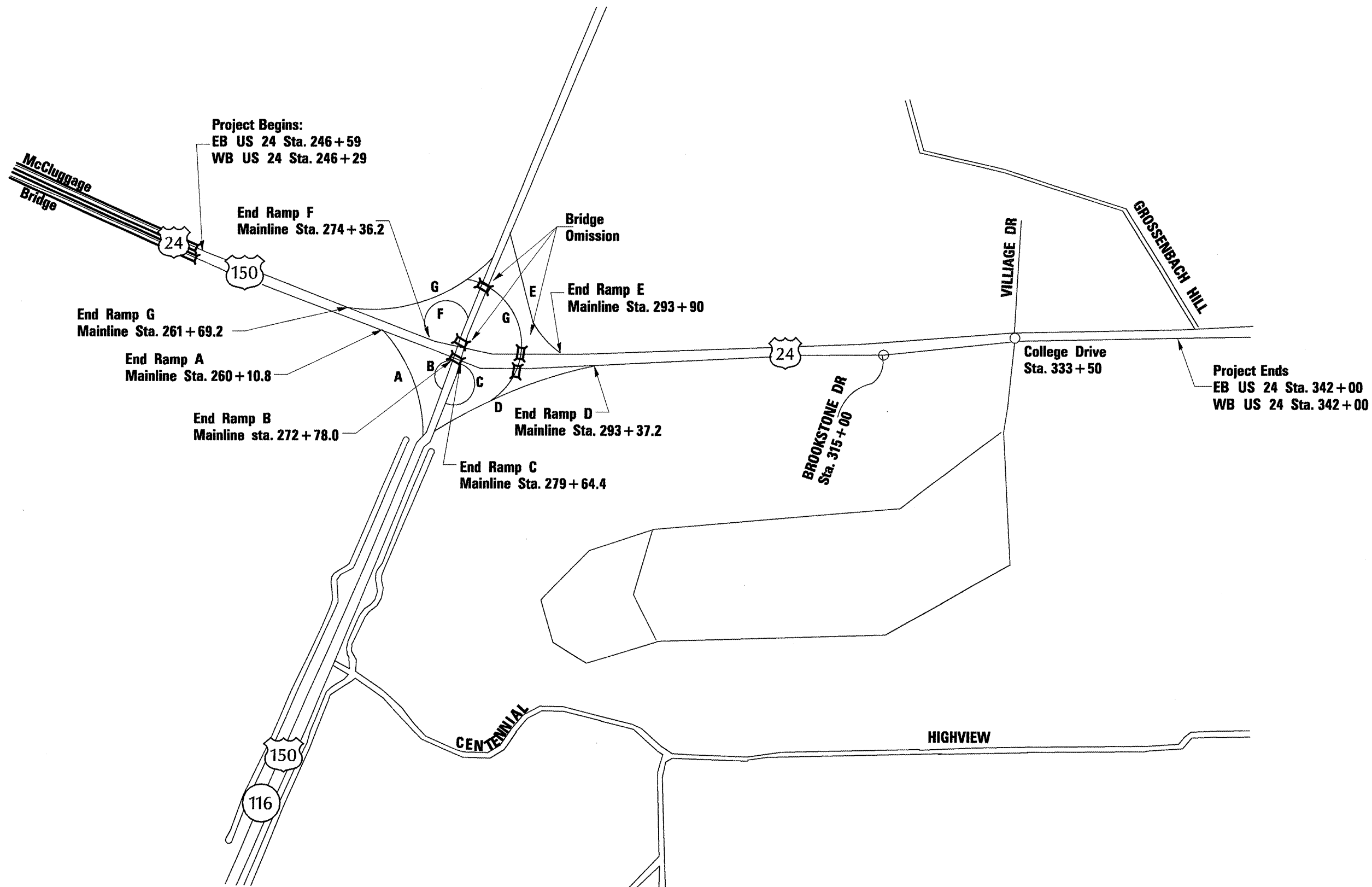
LOCATION	TON
JOBSITE	7183
<b>TOTAL</b>	<b>7183</b>

## WEATHER SENSOR UPGRADE AND REPLACE

LOCATION	L SUM
BRIDGE APPROACH PAVEMENT	1
<b>TOTAL</b>	<b>1</b>

## CONSTRUCTING TEST STRIP

LOCATION	EACH
JOBSITE	1
<b>TOTAL</b>	<b>1</b>



FILE NAME =  
 3P-US24EPE0.dgn

USER NAME = mcfaddenjk  
 PLT SCALE = 200.0000' / IN.  
 PLOT DATE = 4/9/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

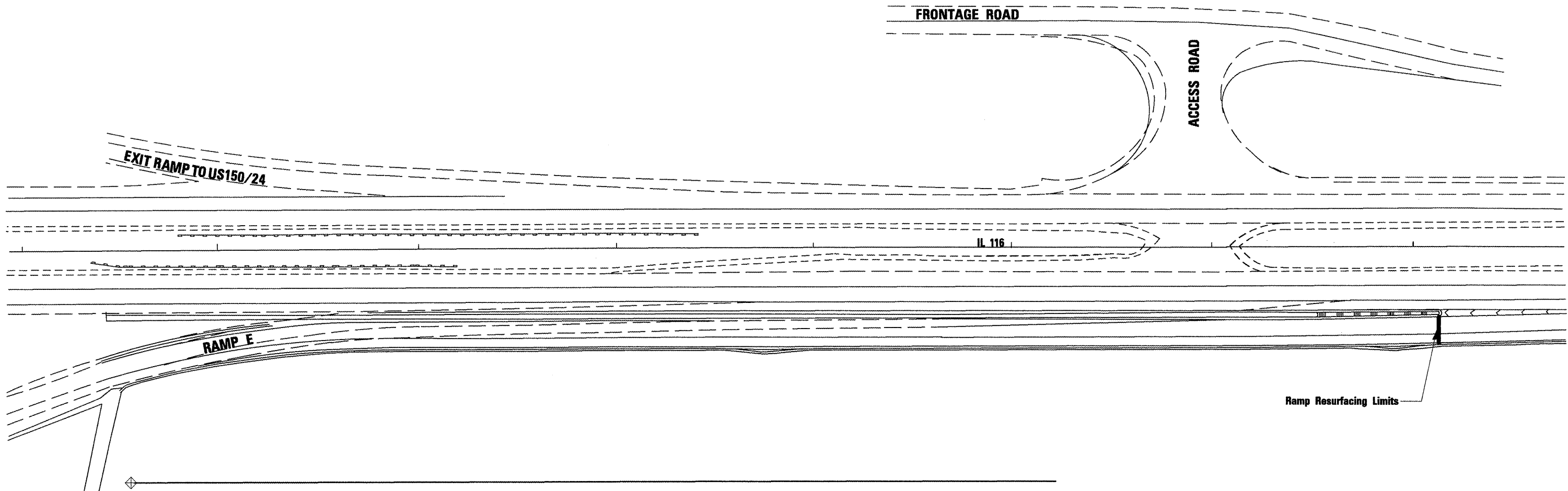
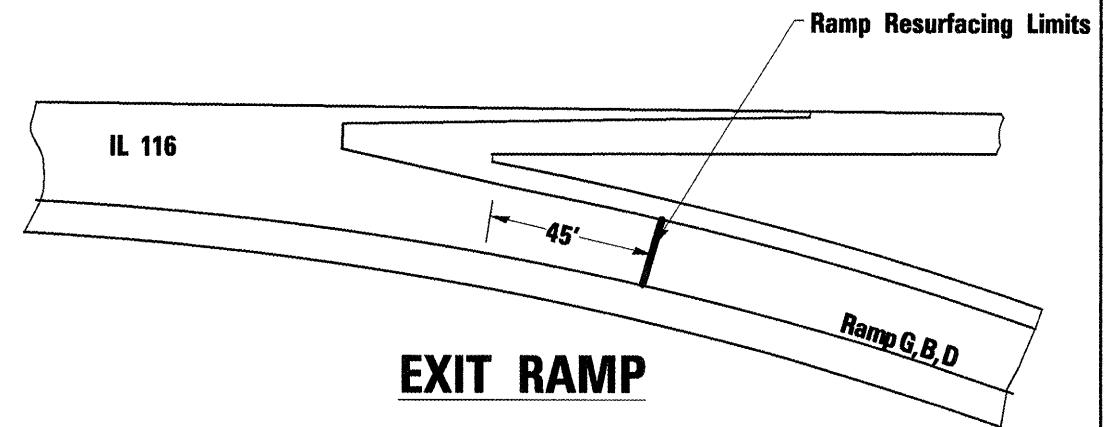
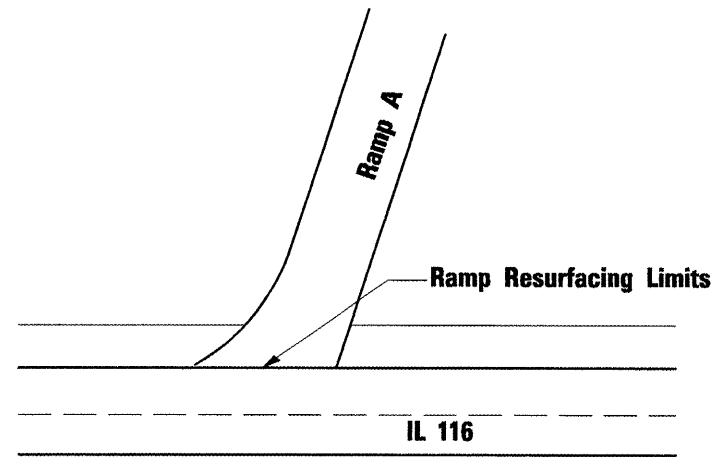
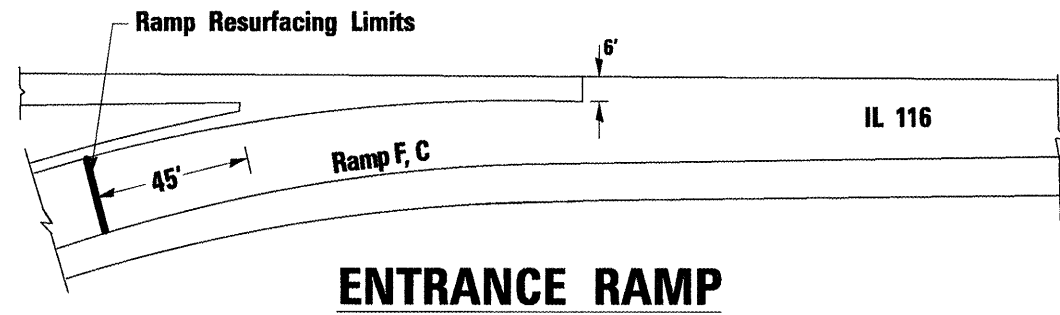
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM  
 US 24 (FAP 317) US 150**

NOT TO SCALE SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3, 17RS-5, 14RS-1		56	34
CONTRACT NO. 68455			US 24 FED. AID PROJECT	

# RAMP RESURFACING LIMITS



FILE NAME = 3P-US24EPE0.dgn	USER NAME = mcfaddenjk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/9/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAMP RESURFACING LIMITS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 317	SECTION (16,13)RS-3, 17RS-5, 14RS-1	COUNTY *	TOTAL SHEETS 56	SHEET NO. 35
CONTRACT NO. 68455			US 24 FED. AID PROJECT	

## Interchange Overview

\* Ramp H is part of Ramp G.  
For this detail only, this section  
will be considered Ramp H.

TO PEORIA

TO METAMORA

## Ramp Closure Stages

- Stage 1- Close Ramp D & G
- Stage 2- Close Ramp E & H\*
- Stage 3- Close Ramp F & C
- Stage 4- Close Ramp A & B

For weekend closures, signs shall be post mounted.

All sign dimensions are as labeled or shall be according to the MUTCD.  
Sign "A" shall be 12' x 12".

Ramp A

Ramp B

Ramp F

Ramp H\*

Ramp G

Ramp E

Ramp G

Ramp C

Ramp D

TO WASHINGTON

FILE NAME =  
SCHEDULES.dgn

USER NAME = horstkj  
PLOT SCALE = 100.0000 "/ IN.  
PLOT DATE = 4/10/2009

DESIGNED - KJH  
DRAWN - JGJ  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAMP STAGING DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,131RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	36
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

# Ramp Closure Stage 1

-  = Work area
-  = Barrels with mono-directional lights

TO PEORIA

200' of mono-directional lighted barrels at 50' spacing.

TO METAMORA

## General Notes

See RAMP CLOSURE STAGE 1- DETOUR for detour signing.

TO WASHINGTON

200' of mono-directional lighted barrels at 50' spacing.

Close per Standard 701451.

TO EAST PEORIA

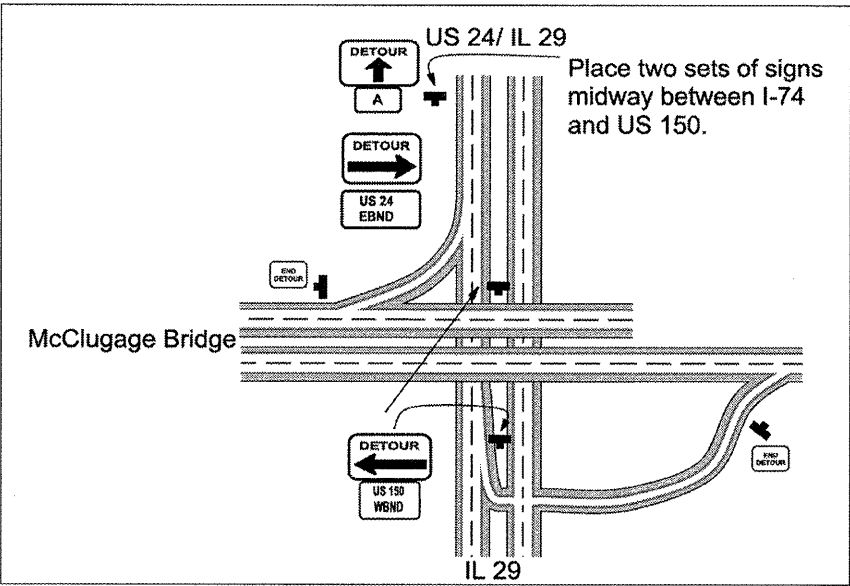
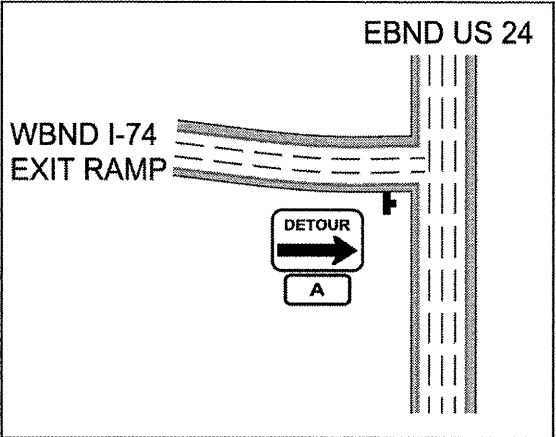
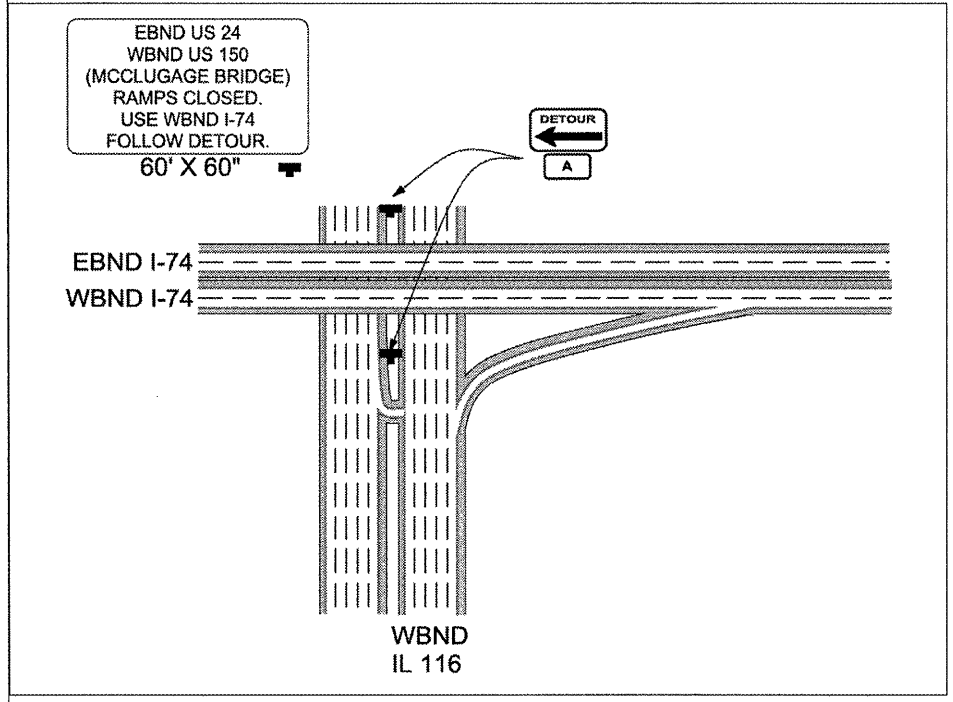
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		DRAWN - JGJ	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RAMP STAGING DETAILS				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	37
CONTRACT NO. 68455				
ILLINOIS FED. AID PROJECT				

### Ramp Closure Stage 1- Detour



FILE NAME = SCHEDULES.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAMP STAGING DETAILS</b>			F.A.P. RTE. 317	SECTION (16,13RS-3,17RS-5,14RS-1)	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 38
		DRAWN - JGJ	REVISED -					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

# Ramp Closure Stage 2

-  = Work area
-  = Barrels with mono-directional lights

TO PEORIA

TO METAMORA

Ramp H\*

Ramp H\*

Ramp E

Ramp G

Close using RAMP CLOSURE SPECIAL.

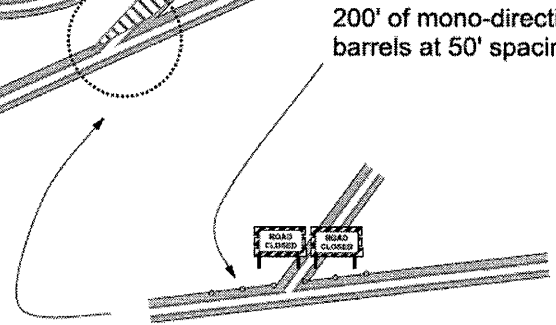
TO WASHINGTON

## General Notes

See RAMP CLOSURE STAGE 2- DETOUR for detour signing.

Same detour as Stage 1 shall be used for detouring WBND US 150 from EBND IL 116 when closing Ramp G.

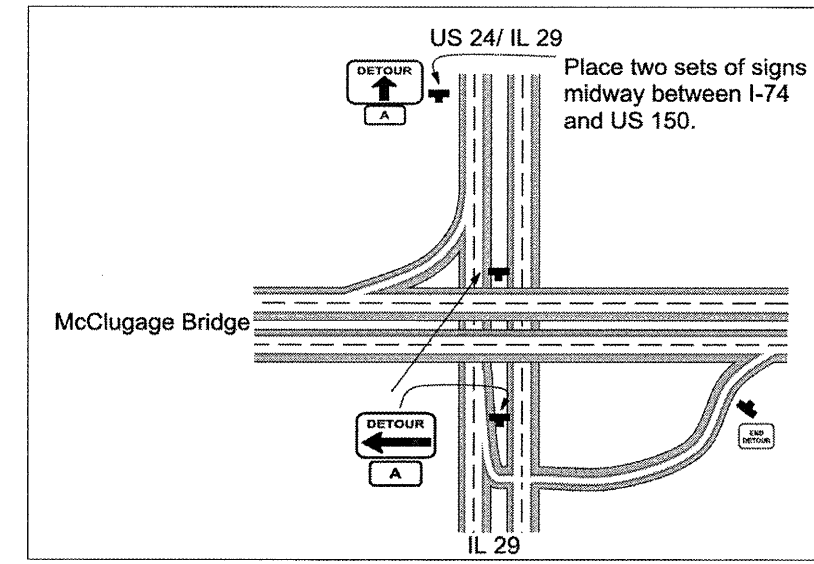
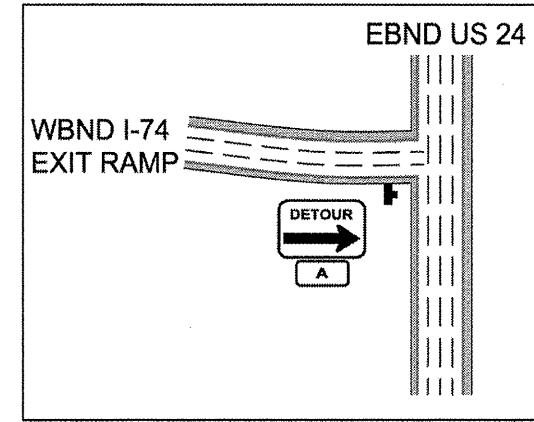
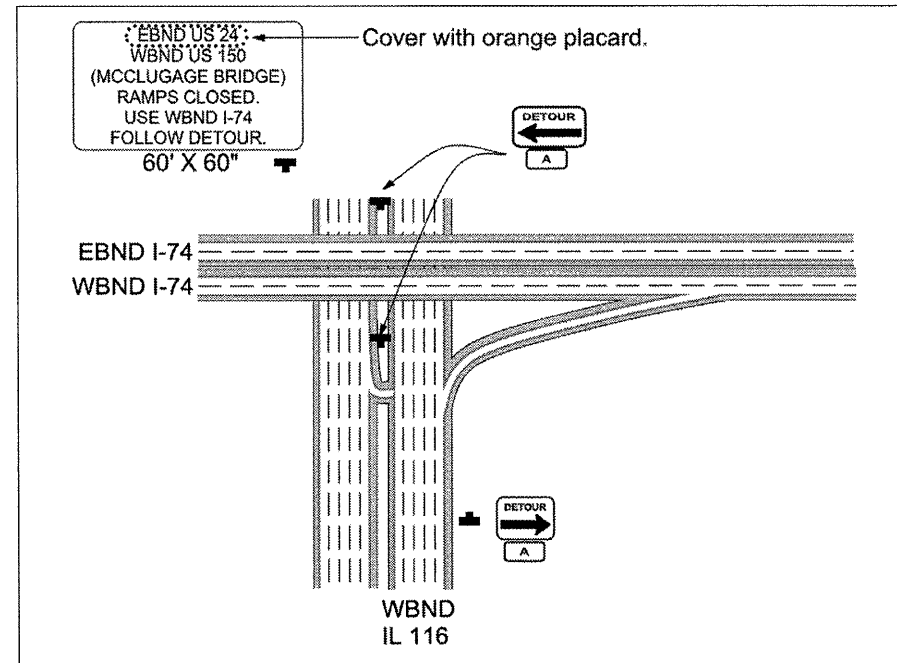
200' of mono-directional lighted barrels at 50' spacing.



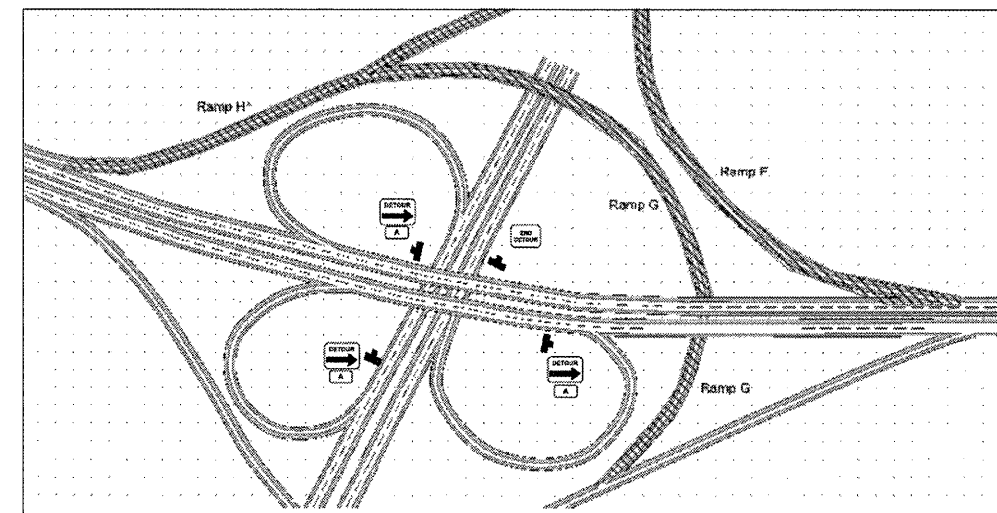
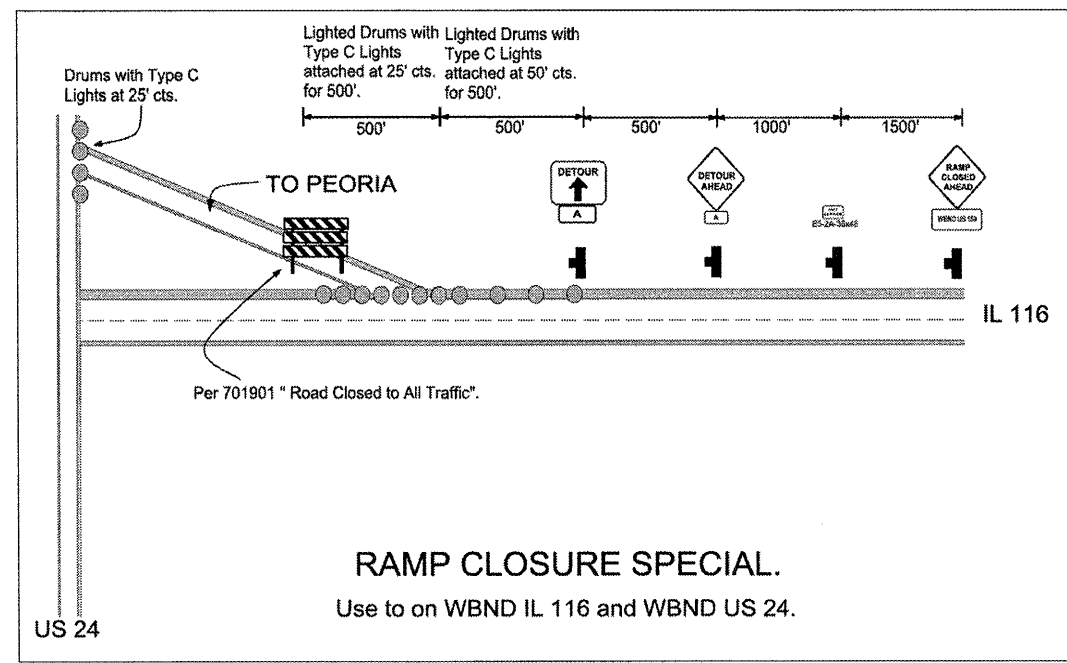
TO EAST PEORIA

FILE NAME = SCHEDULES.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAMP STAGING DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -					317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	37
	PLOT DATE = 4/18/2009	DATE -	REVISED -					CONTRACT NO. 68455				
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

## Ramp Closure Stage 2- Detour



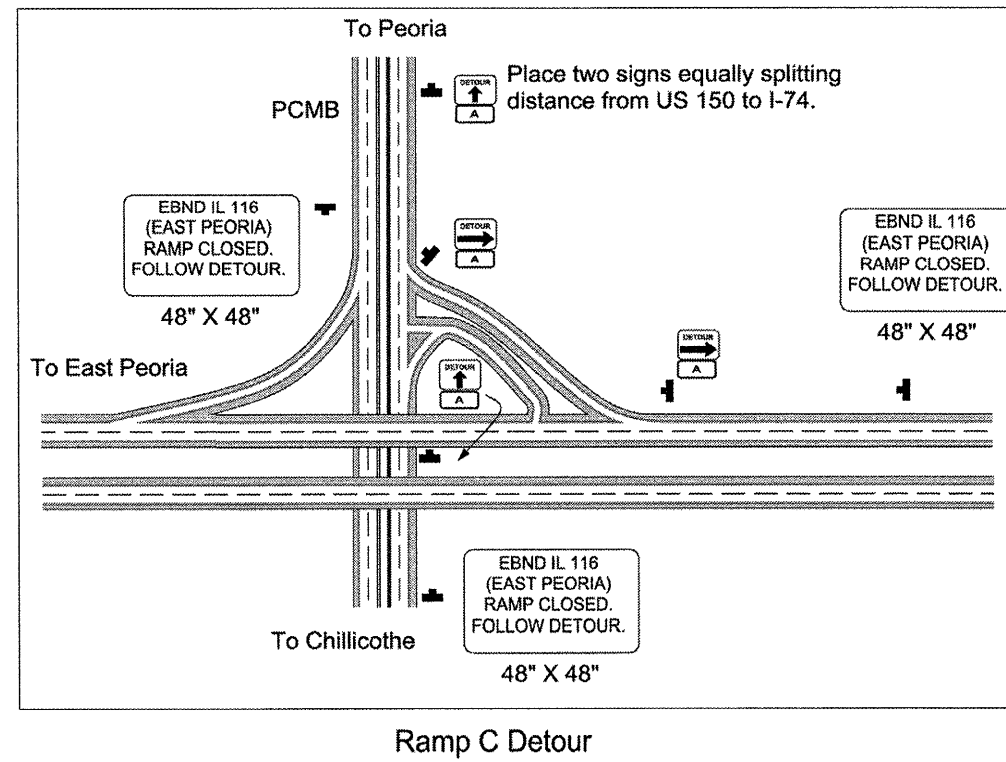
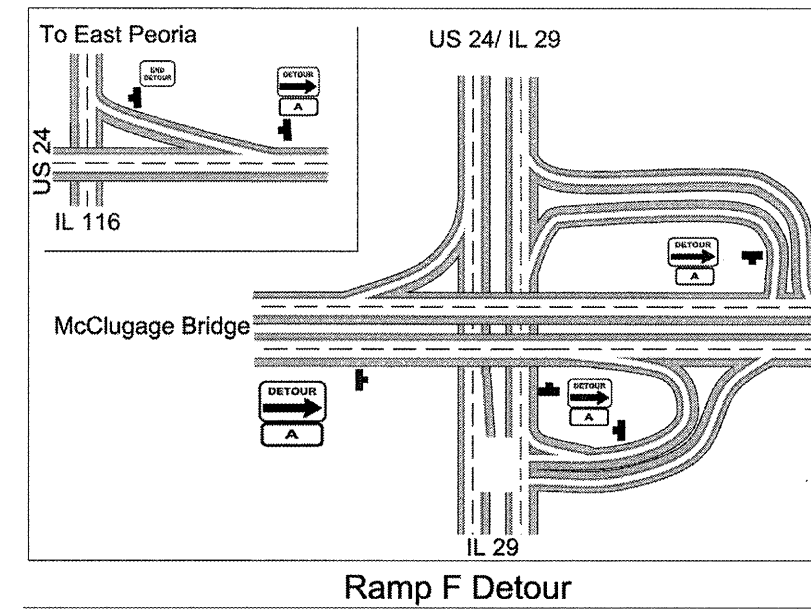
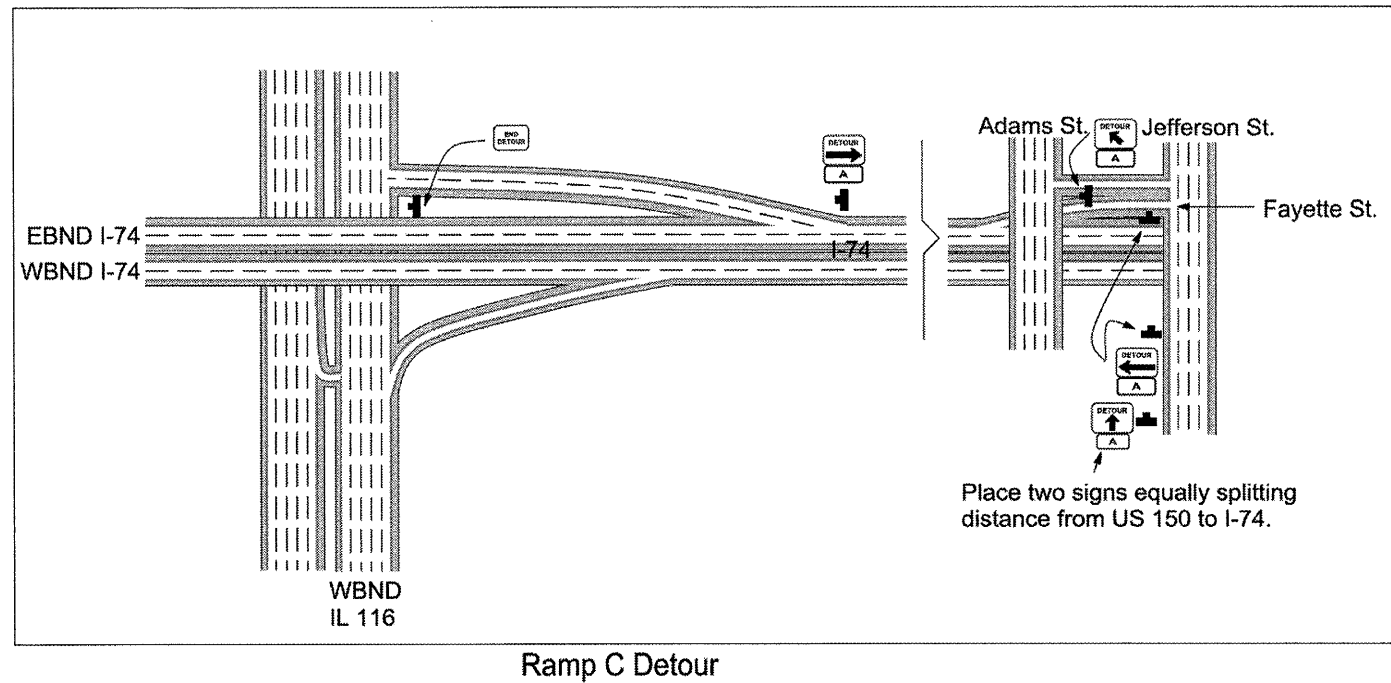
## Ramp G Detour







## Ramp Closure Stage 3- Detour

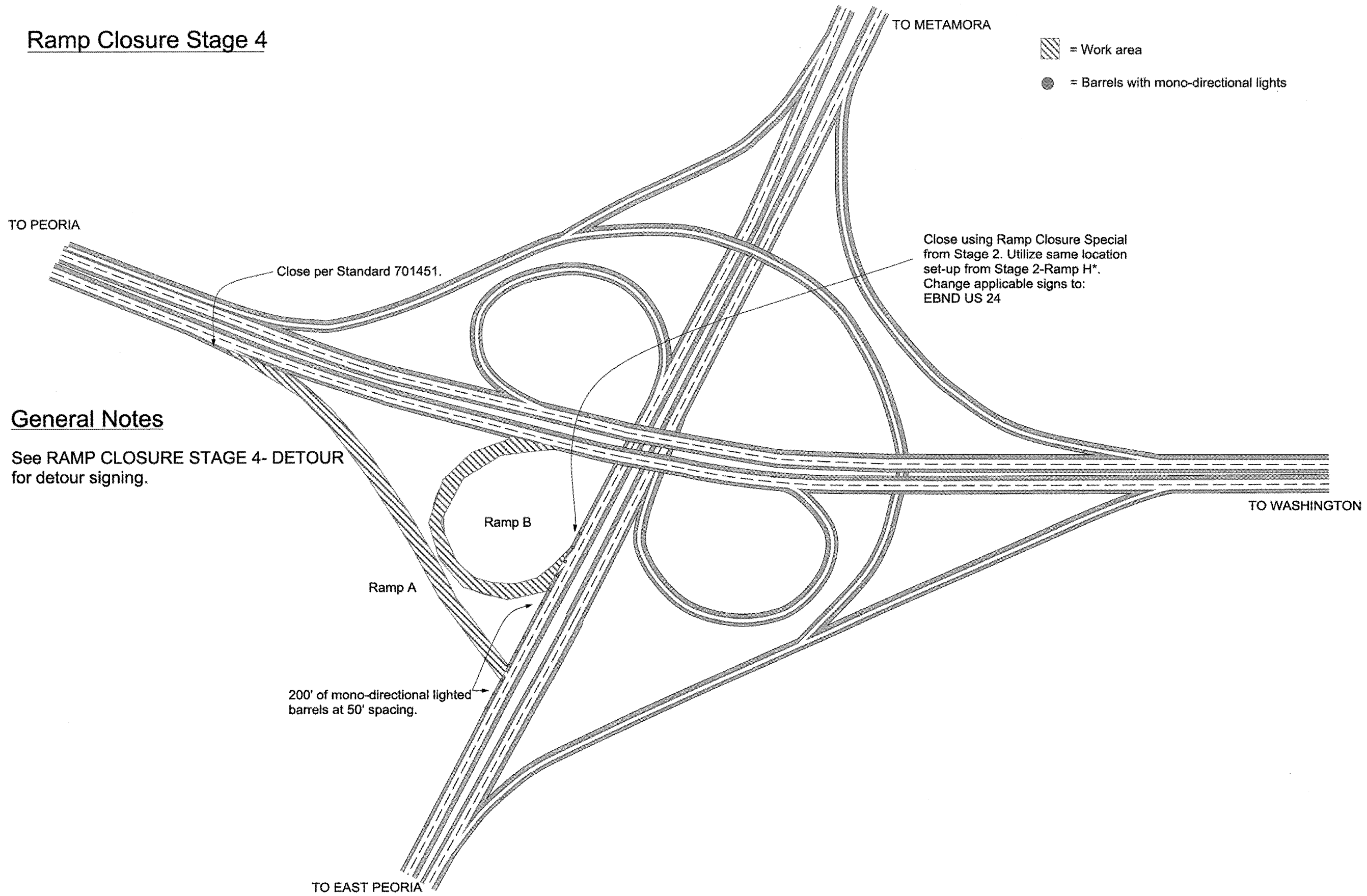


### General Notes

One (1) Portable Changeable Message Board (PCMB) shall be placed in advance of Ramp C closure on NBND IL 29/ EBND US 24 prior to the McClugage Bridge to advance warn motorists for the closure duration.

FILE NAME = SCHEDULES.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAMP STAGING DETAILS</b>	F.A.P. RTE. 317	SECTION (16,13IRS-3,17RS-5,14RS-1)	COUNTY PEORIA/TAZEWELL	TOTAL SHEETS 56	SHEET NO. 42	
PLOT SCALE = 100.0000' / IN.				SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 68455			
PLOT DATE = 4/10/2009								ILLINOIS FED. AID PROJECT			

# Ramp Closure Stage 4



## General Notes

See RAMP CLOSURE STAGE 4- DETOUR for detour signing.

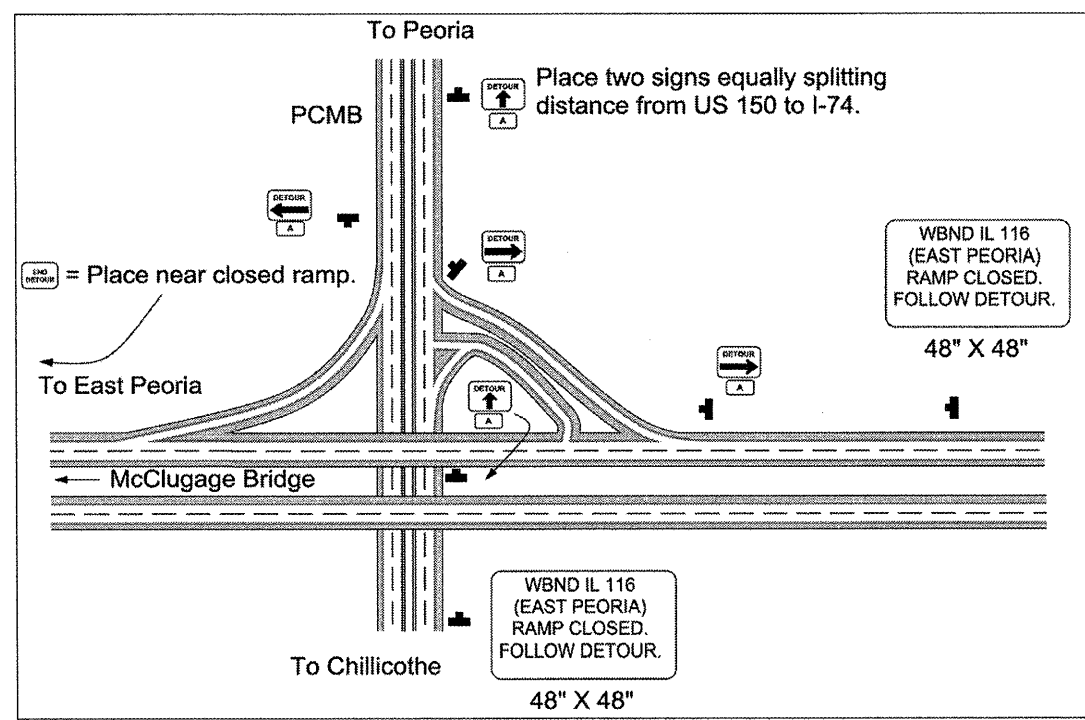
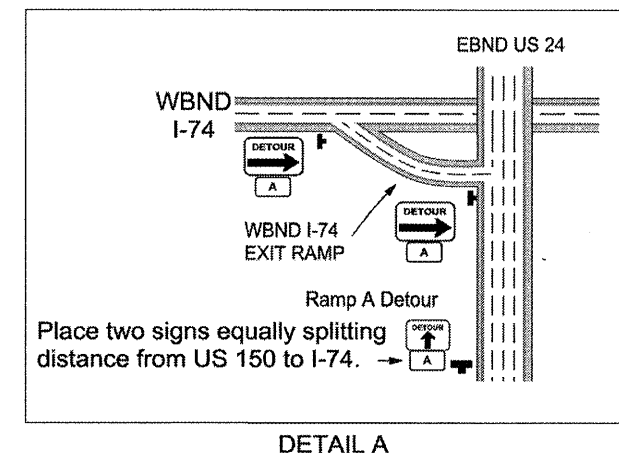
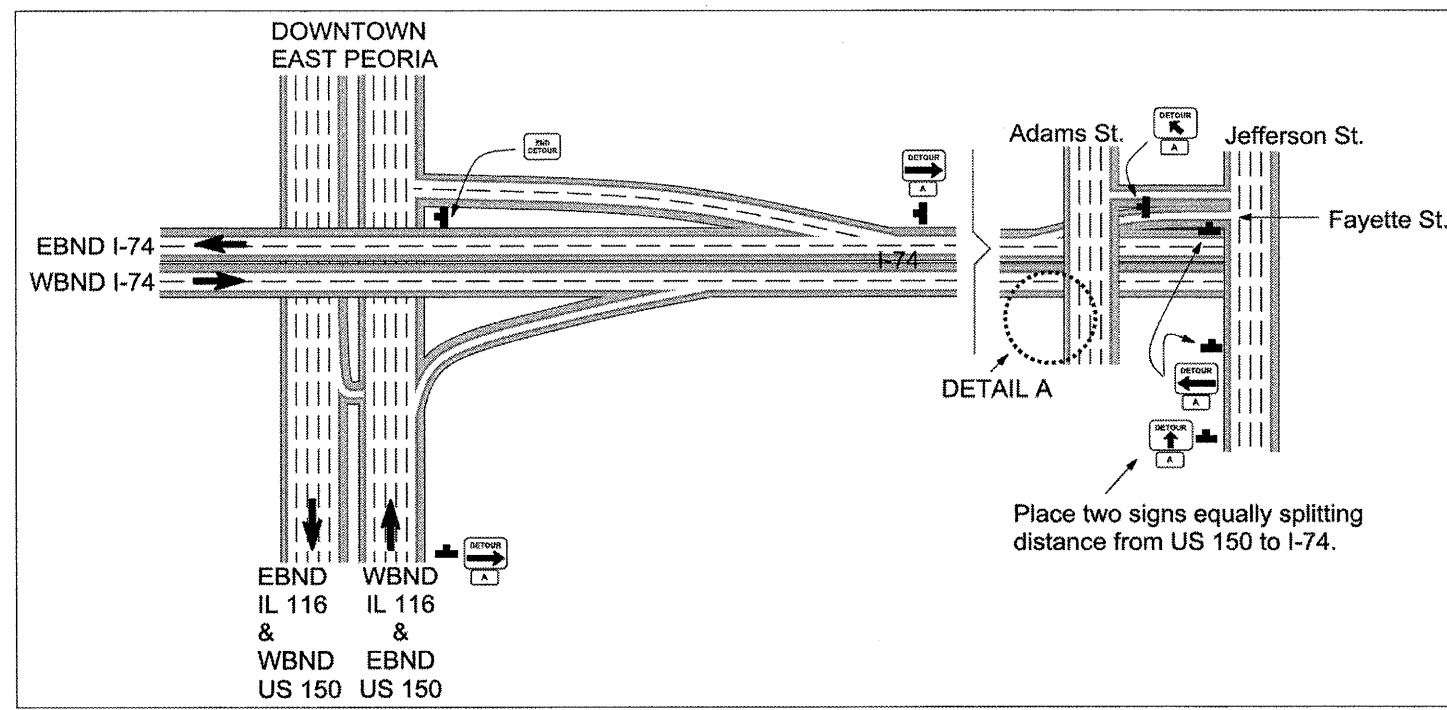
FILE NAME = SCHEDULES.dgn	USER NAME = horstj	DESIGNED - KJH	REVISED -
		DRAWN - JGJ	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RAMP STAGING DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TATEWELL	56	43
CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT	

# Ramp Closure Stage 4- Detour



## General Notes

One (1) Portable Changeable Message Board (PCMB) shall be placed in advance of Ramp C closure on NBND IL 29/ EBND US 24 prior to the McClugage Bridge to advance warn motorists for the duration of Stage 3 and Stage 4 closures.

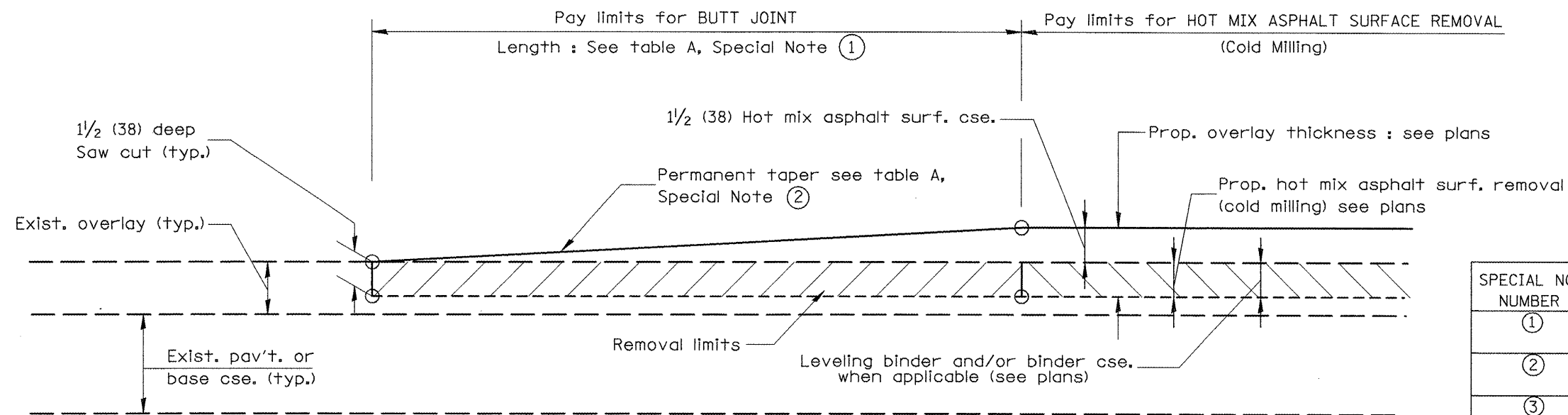
FILE NAME = SCHEDULES.dgn	USER NAME = horstkj	DESIGNED - KJH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAMP STAGING DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	CHECKED -	REVISED -					317	(16,131RS-3,17RS-5,14RS-1)	PEORIA/FAZEWELL	56	44
PLOT DATE = 4/10/2009	DATE -	REVISED -	REVISED -		CONTRACT NO. 68455			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	

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.

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 WITH NATIONAL, STATE, AND LOCAL CODES.

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE US 24 & COLLEGE DR./VILLAGE DR.			
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.
D-1	6' X 50' QUAD	162	8
D-2A	6' X 6'	24	18
D-2B	6' X 6'	24	6
D-5	6' X 50' QUAD	162	8
D-6A	6' X 6'	24	18
D-6B	6' X 6'	24	6
<b>TOTAL:</b>		<b>420</b>	<b>64</b>

TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
DETECTOR LOOP, TYPE I	FOOT	484.0



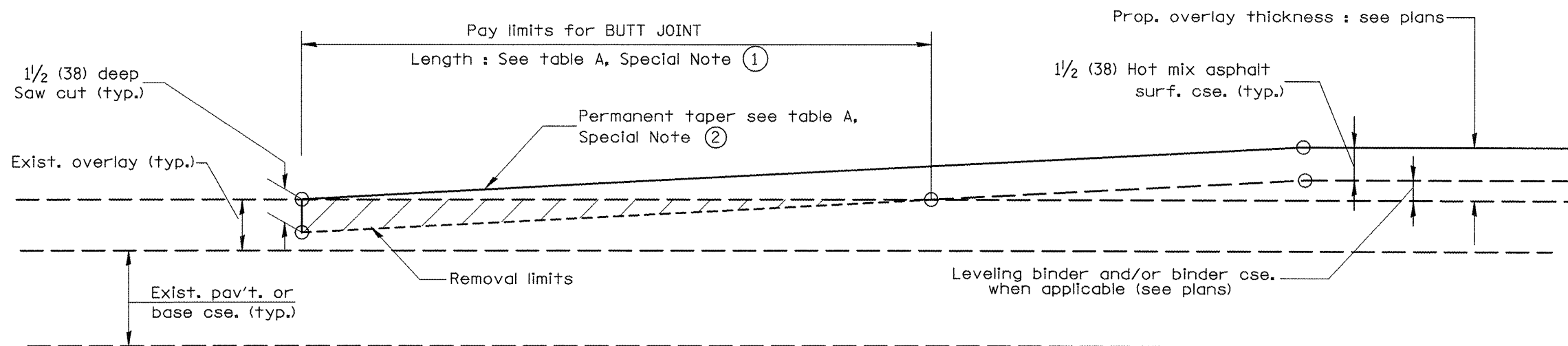
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**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)

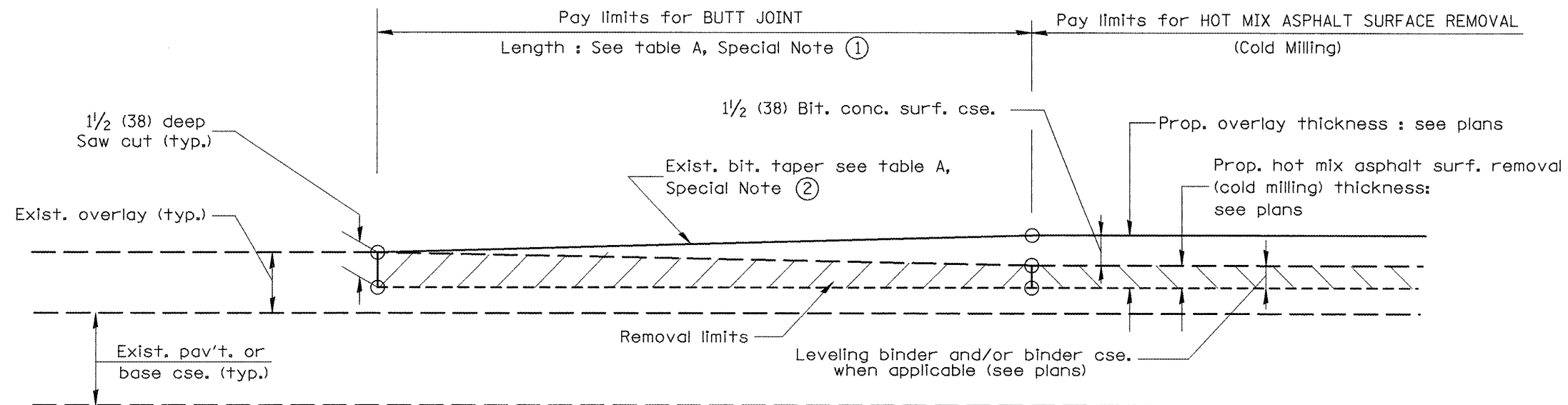
**GENERAL NOTES**

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.

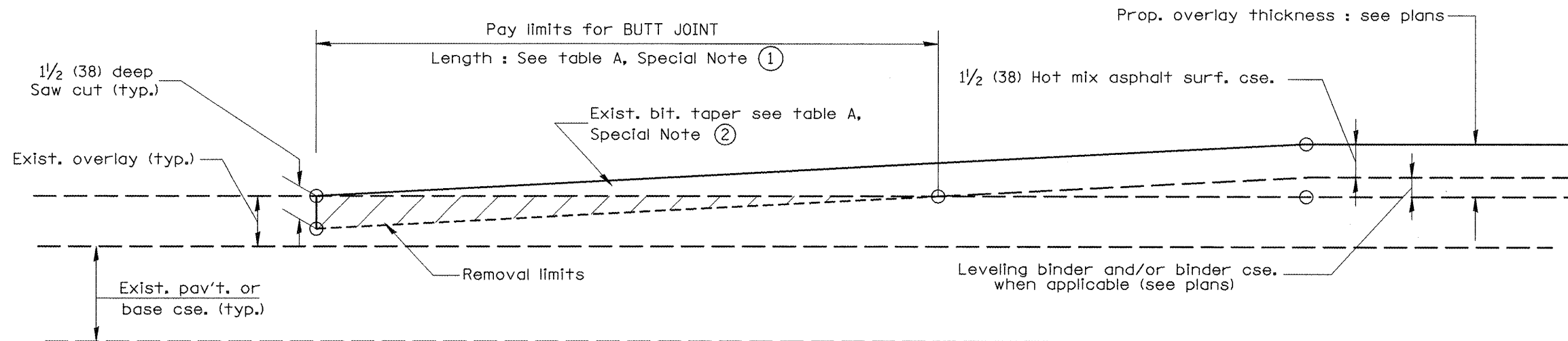


**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

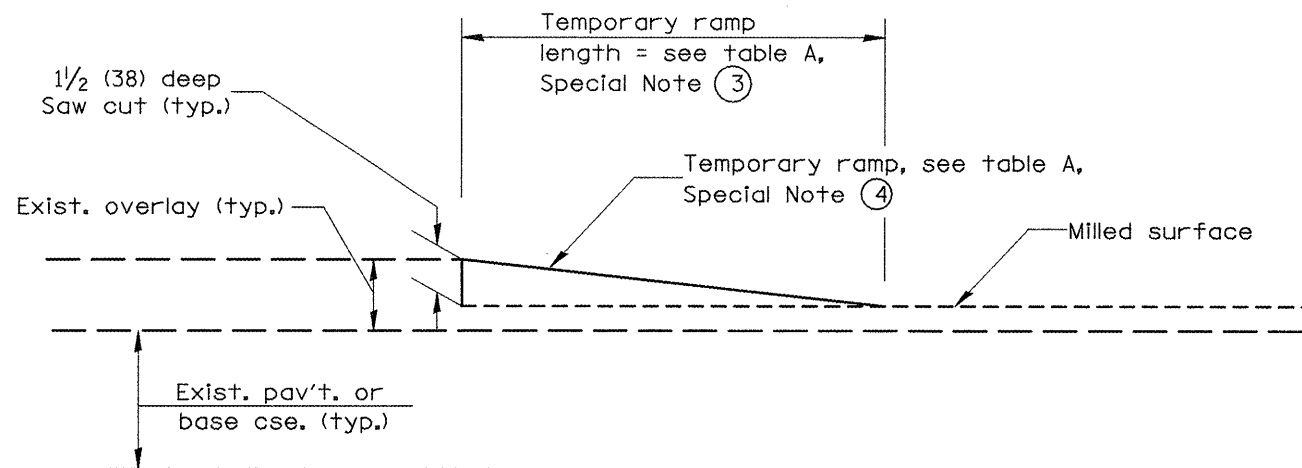
All dimensions are in inches (millimeters) unless otherwise noted.



**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.

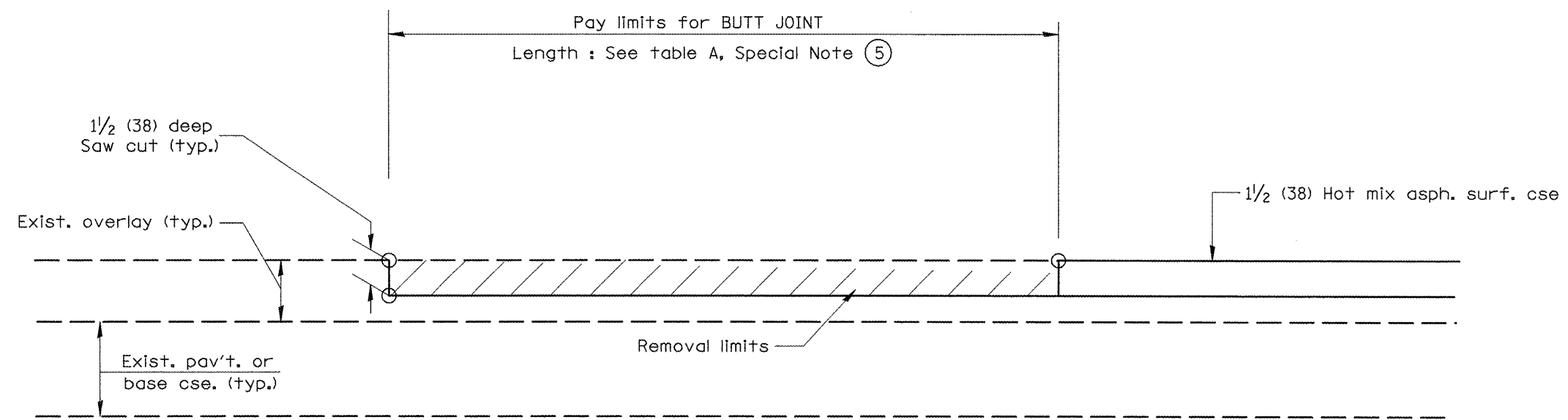
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PERDUE/TAZEWELL	56	47
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 68455	



**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.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

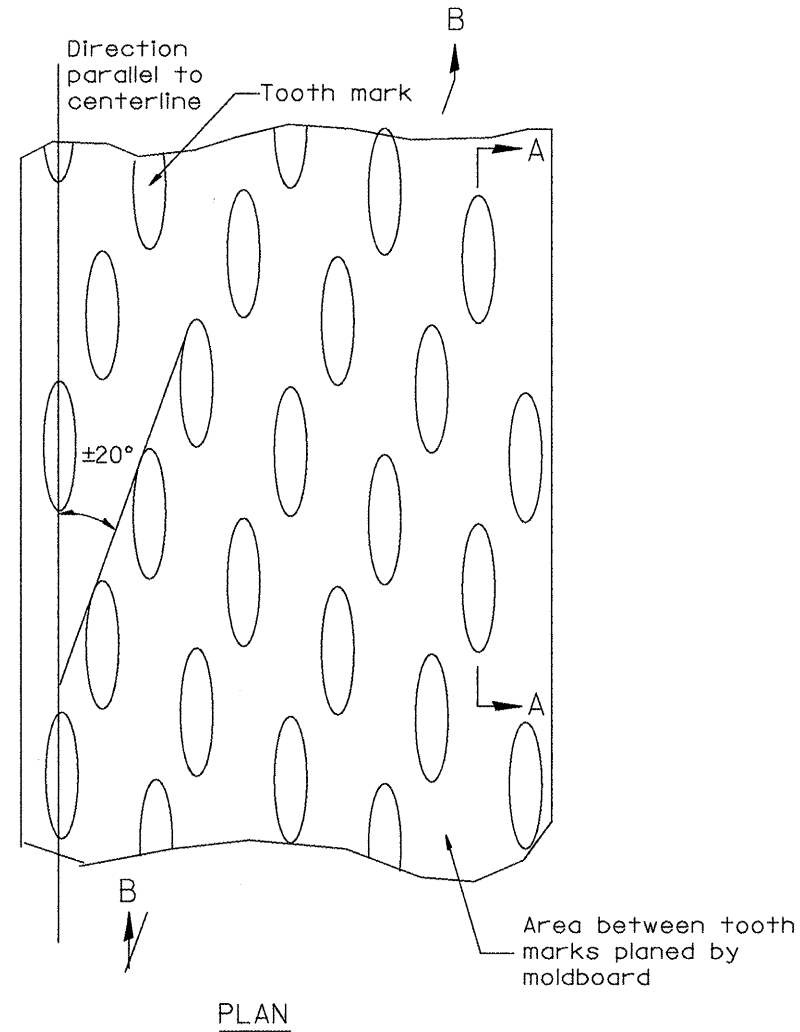
BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3  
CADD STD. 406101-04

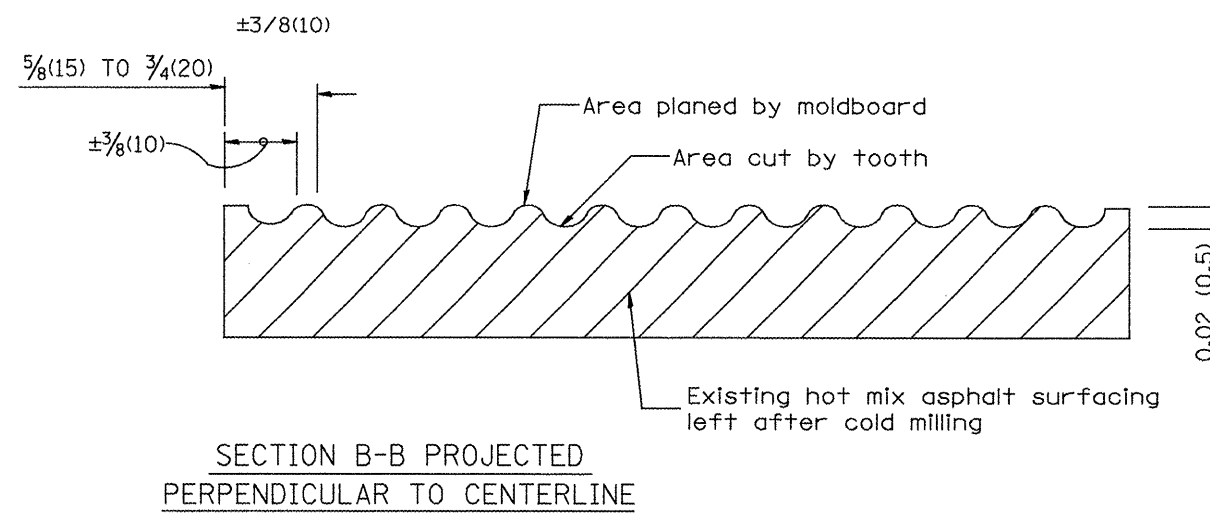
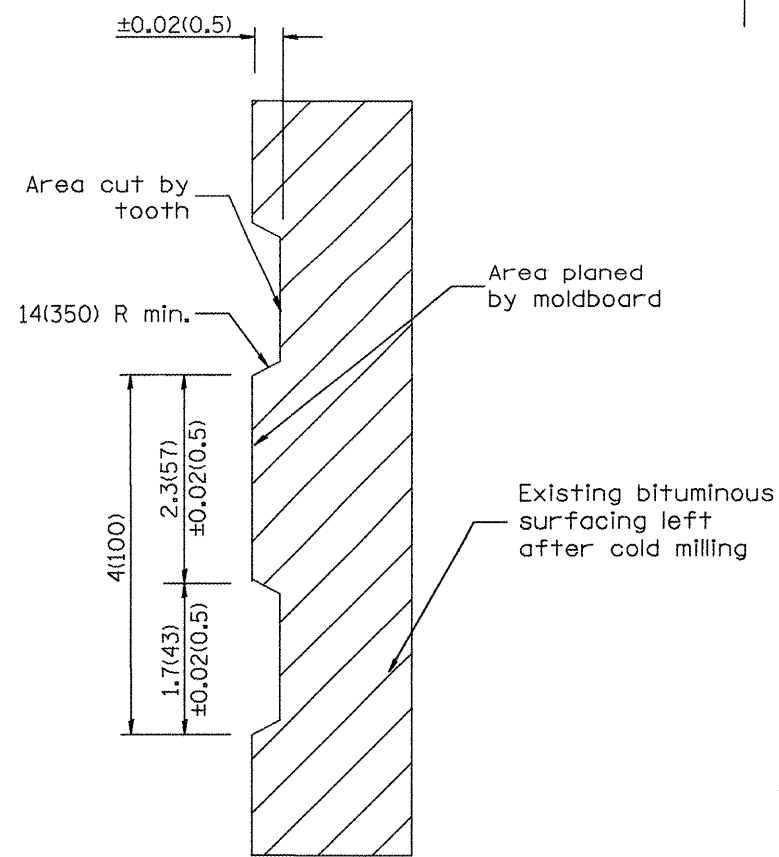
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	06.13RS-3.17RS-5.14RS-1	PEORIA/TAZEWELL	56	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68455	





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.



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

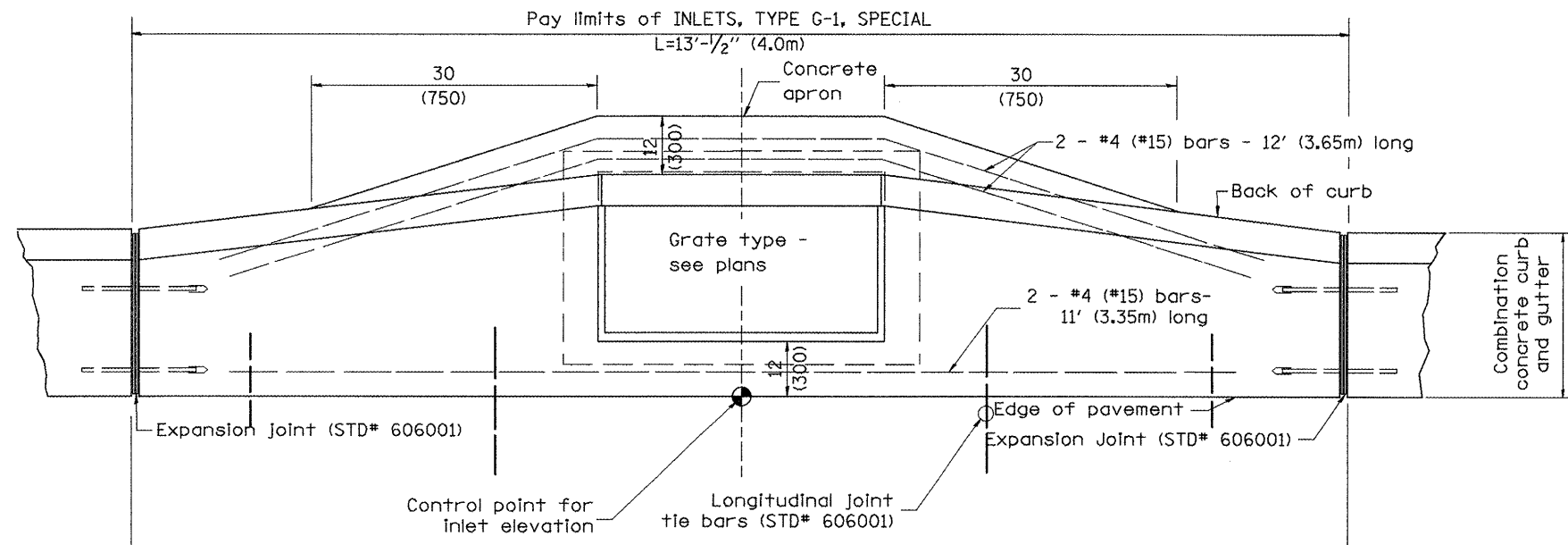
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

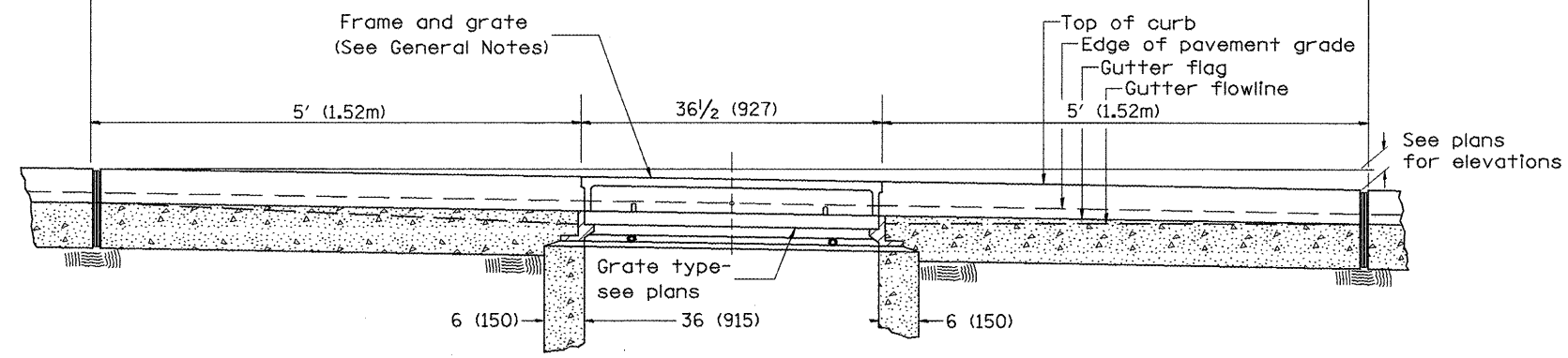
NOT TO SCALE

CADD STD. 440001-04

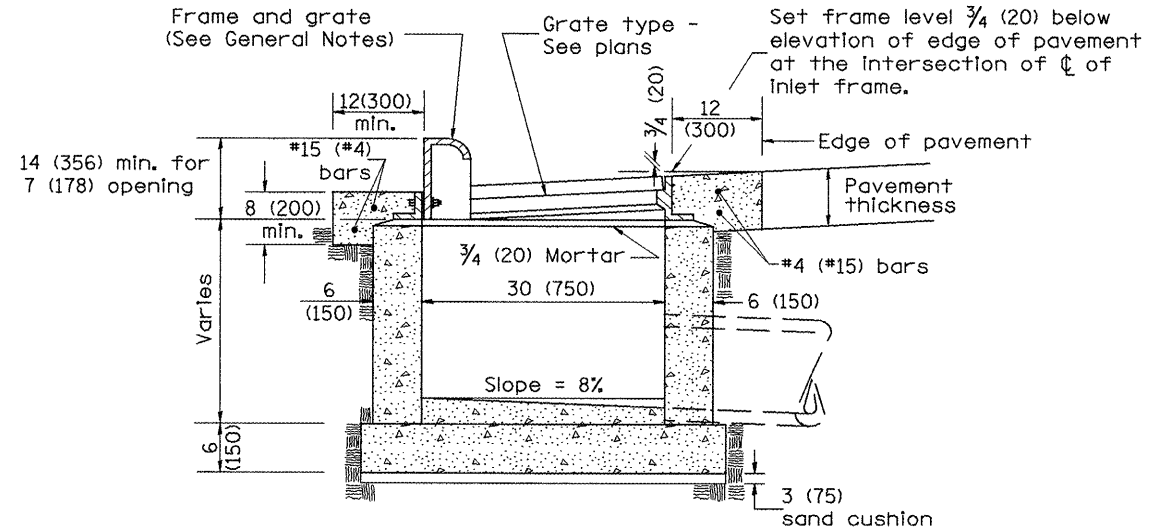
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16.13)RS-3.17RS-5.14RS-1	PEORIA/TAZEWELL	36	47
CONTRACT NO. 68455				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



**PLAN**



**ELEVATION (FRONT)**



**ELEVATION (SIDE)**

**GENERAL NOTES**

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

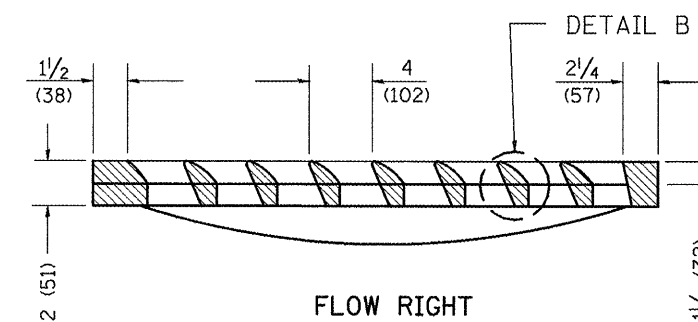
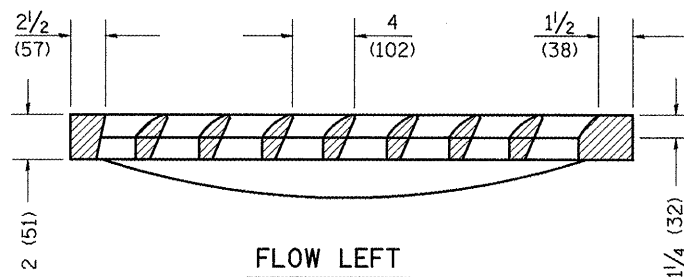
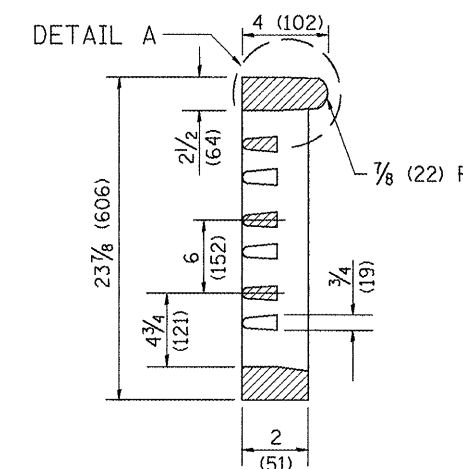
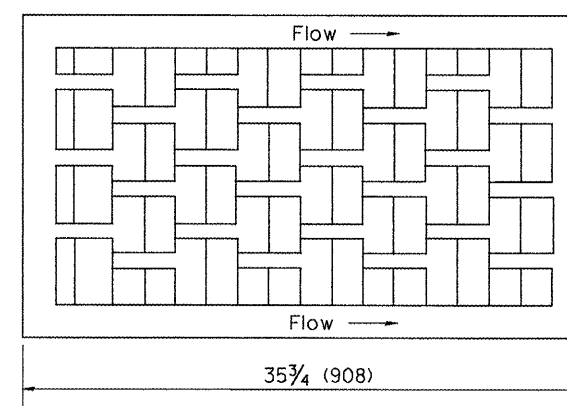
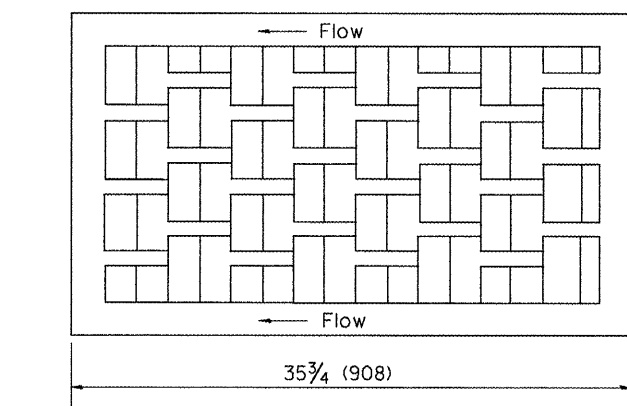
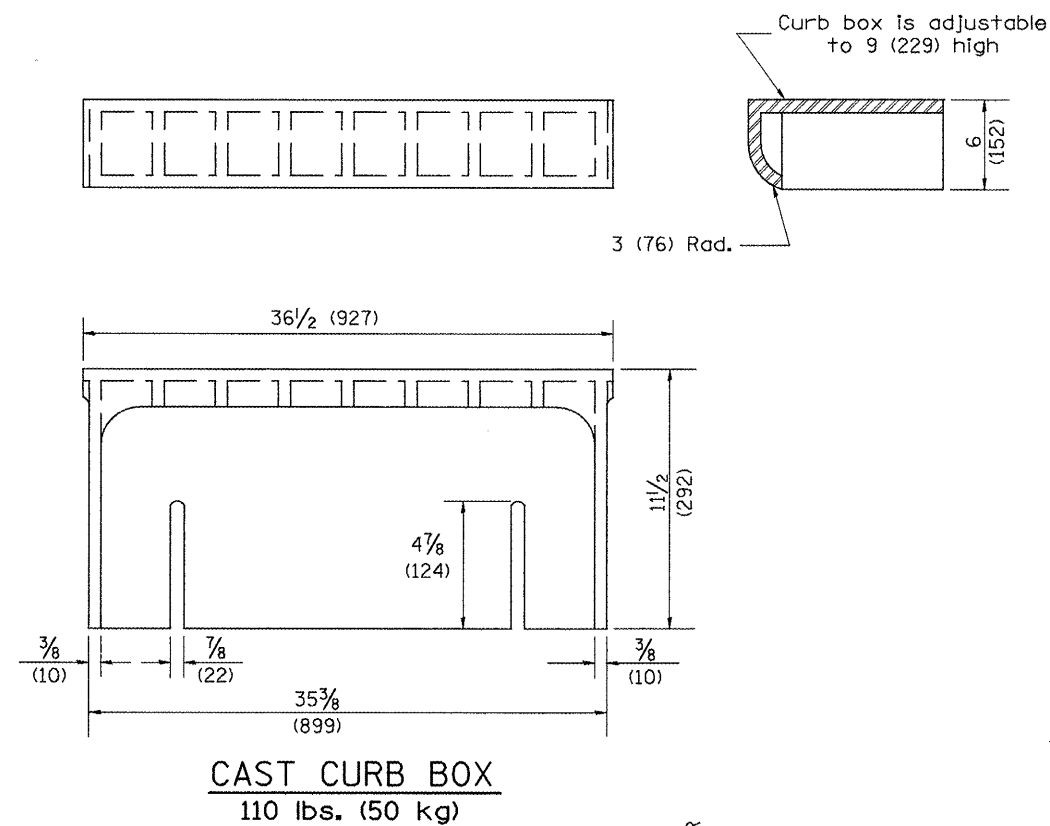
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1, SPECIAL

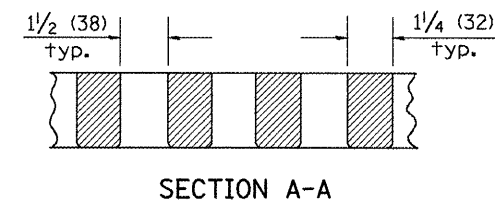
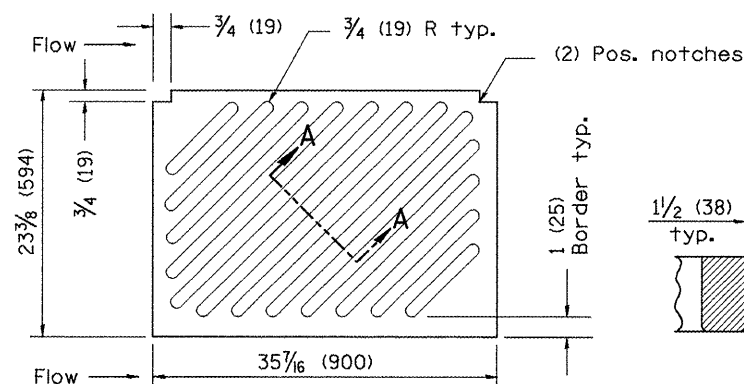
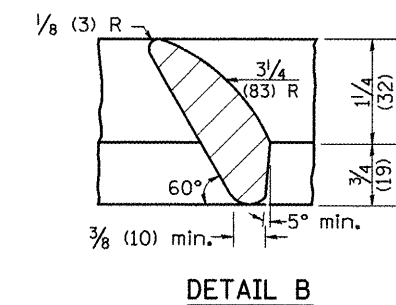
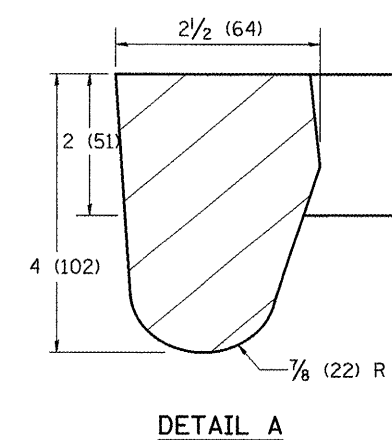
NOT TO SCALE

CADD STD. 602006-D4

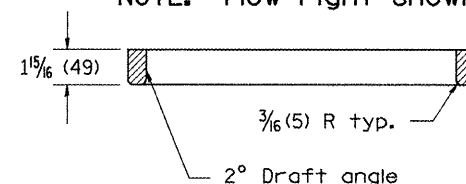
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(16.13)RS-3.17RS-5.14RS-1	PEORIA/TAZEWELL	52	50
CONTRACT NO. 68455			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	



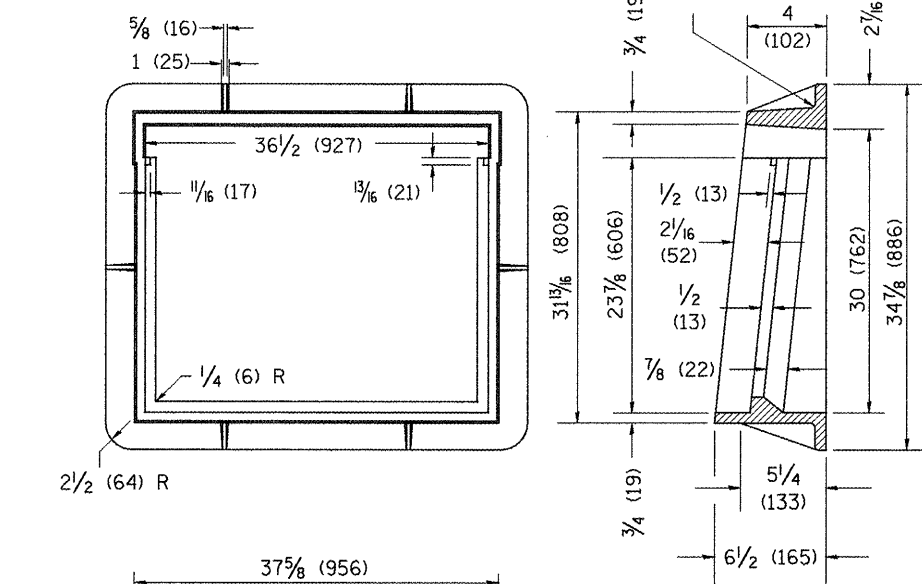
**CAST VANE GRATES**  
(SPECIFY LEFT OR RIGHT FLOW)  
230 lbs. (104 KG)



NOTE: Flow right shown



**CAST DIAGONAL GRATE**  
(Reversible for flow)  
217 lbs. (98 kg)

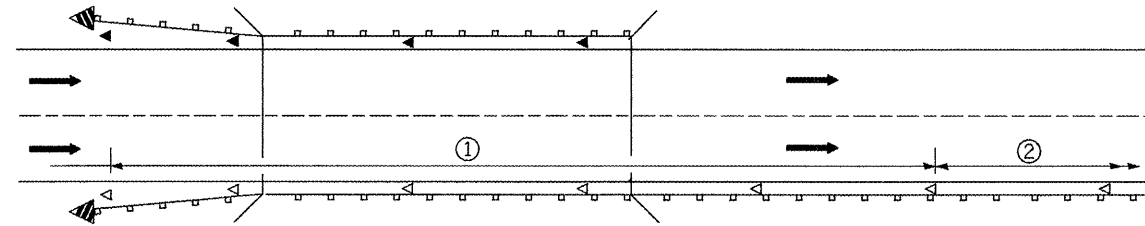


**CAST FRAME**  
271 lbs. (123 kg)

**GENERAL NOTES**

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

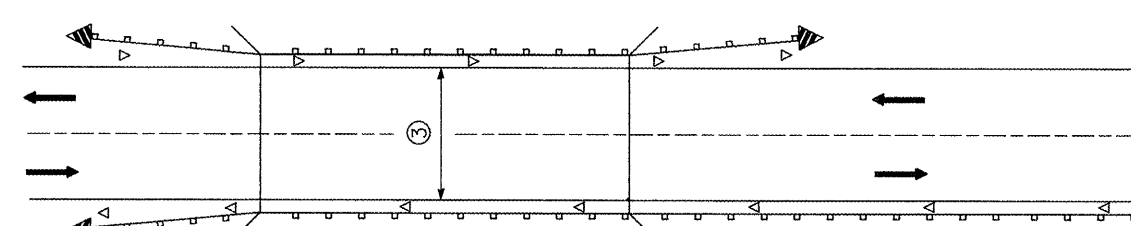
All dimensions are in inches (millimeters) unless otherwise noted.



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**



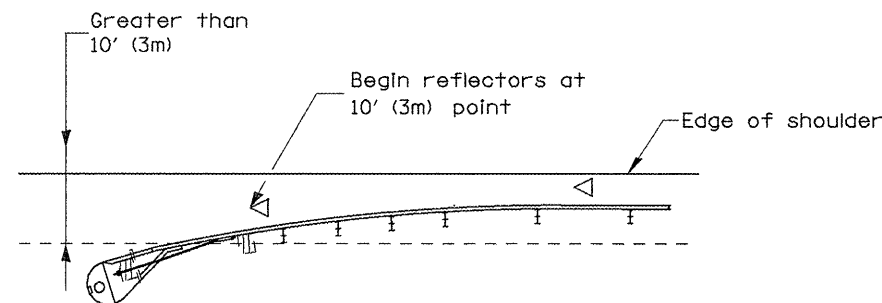
③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

**TWO-WAY TRAFFIC**

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

**LEGEND**

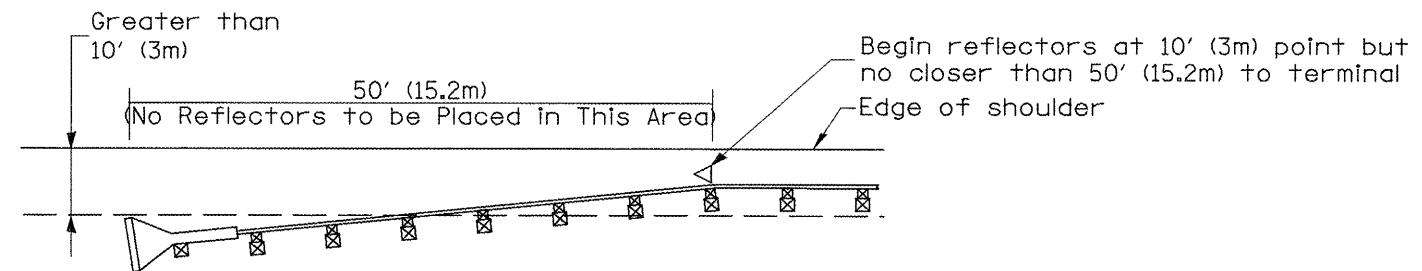
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ▴ Terminal Marker - Black/Yellow  
Left or Right as appropriate



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.

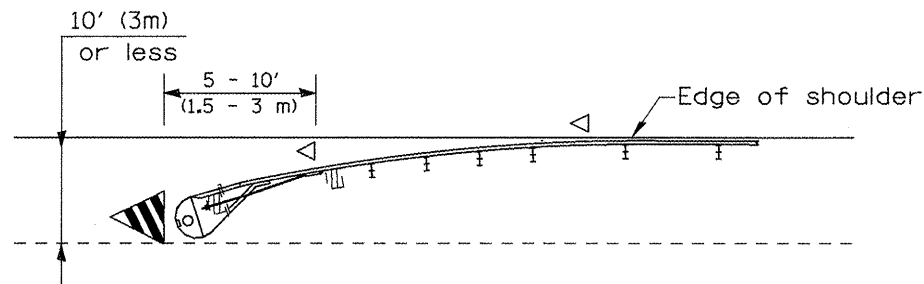
**Traffic Barrier Terminal Type(\*) and/or Turned-Down Terminal**

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



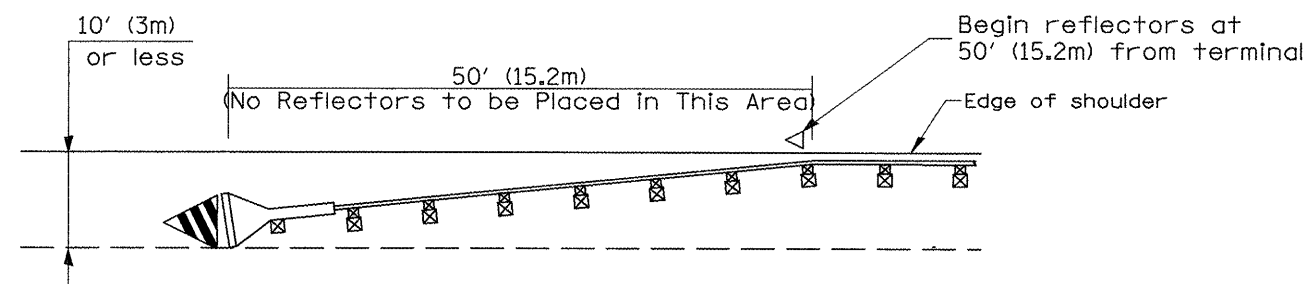
NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder.

**Traffic Barrier Terminal Type 1 (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 1(Special)**  
[Terminal 10' (3m) or less from edge of shoulder]

**TERMINAL MARKER PLACEMENT**

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

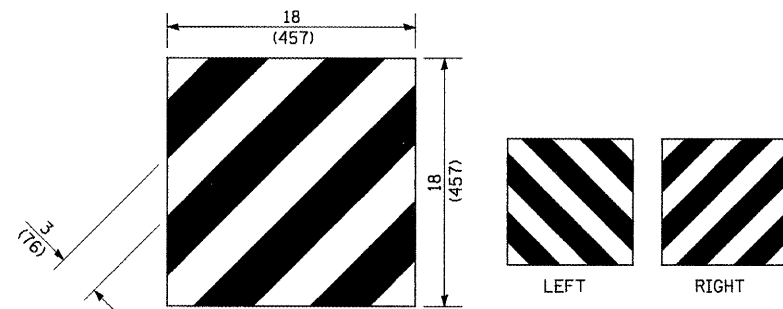
GUARDRAIL AND BARRIER WALL DELINEATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16.13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	52
CADD STD. 635101-04			CONTRACT NO. 68455	

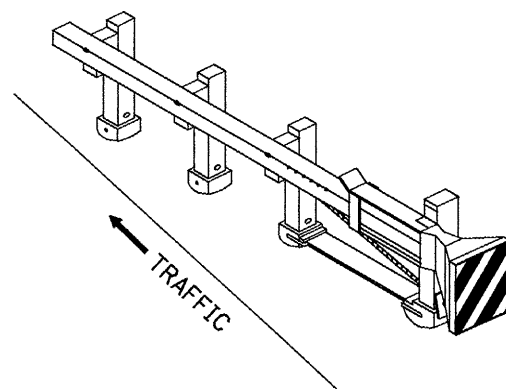
NOT TO SCALE

SHT. 1 OF 3

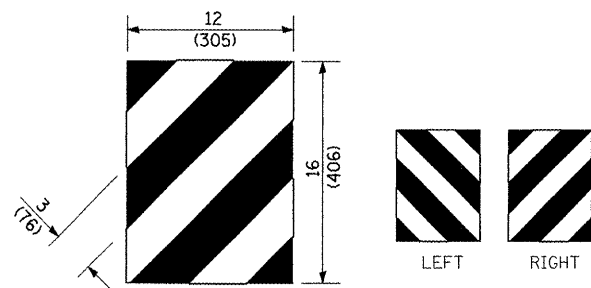
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



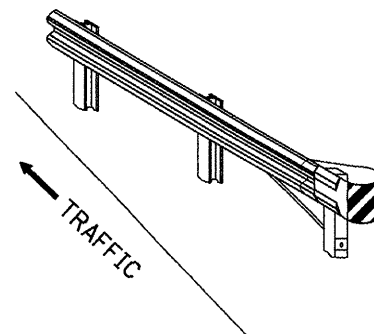
For Traffic Barrier Terminal Type 1 (Special)



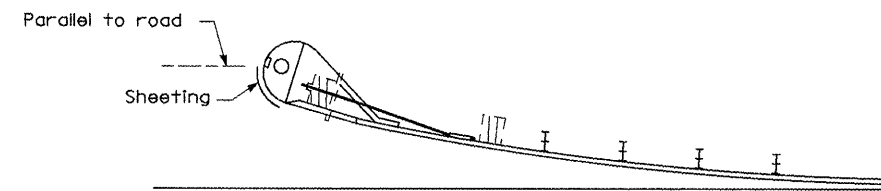
Standard Treatment - Direct Applied Sheeting  
Traffic Barrier Terminal Type 1 (Special)



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



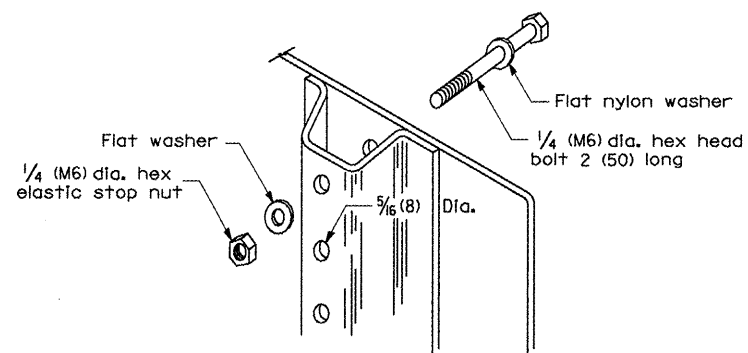
Sheeting Position for  
Traffic Barrier Terminal Type (\*)  
\* See Plans for Type

**TERMINAL MARKER DETAILS**

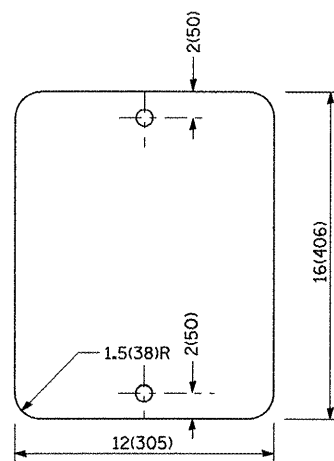
Color: Black / Yellow reflectorized

OM - I100 (L or R) Direct applied reflective sheeting

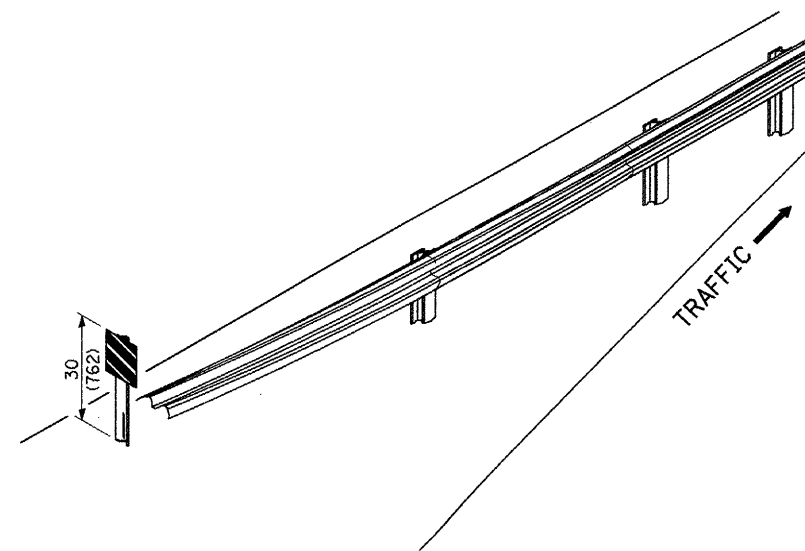
OM - I200 (L or R) Post mounted



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.

**POST MOUNTED TERMINAL MARKER ASSEMBLY**

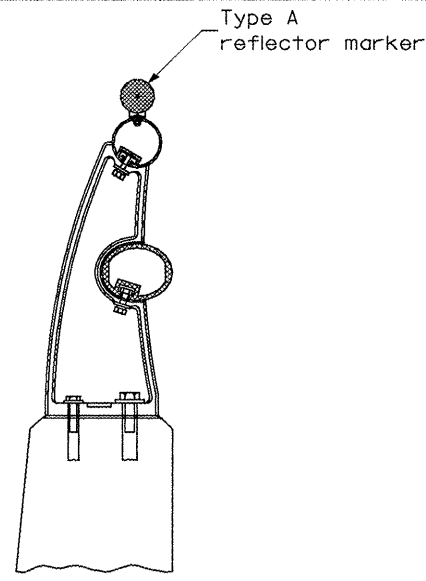
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

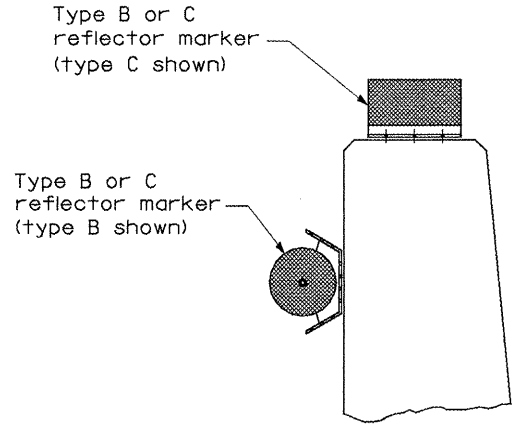
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	52	53
CONTRACT NO. 68455				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SHT. 2 OF 3  
CADD STD. 635101-D4

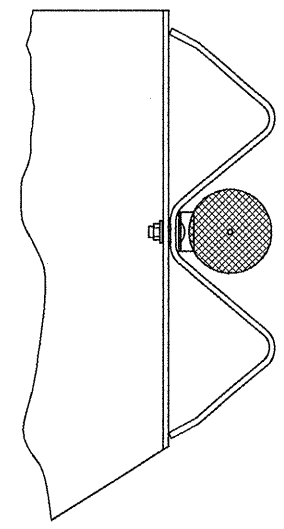
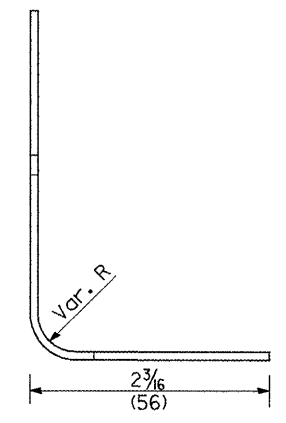
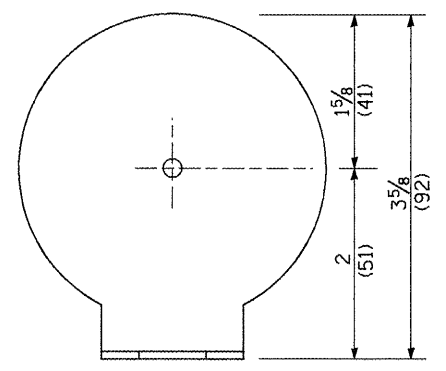
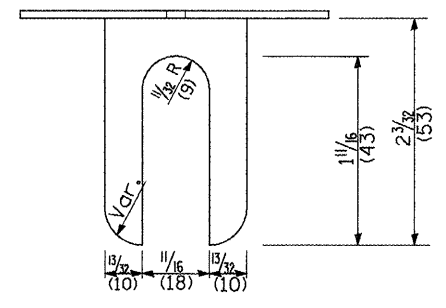


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR

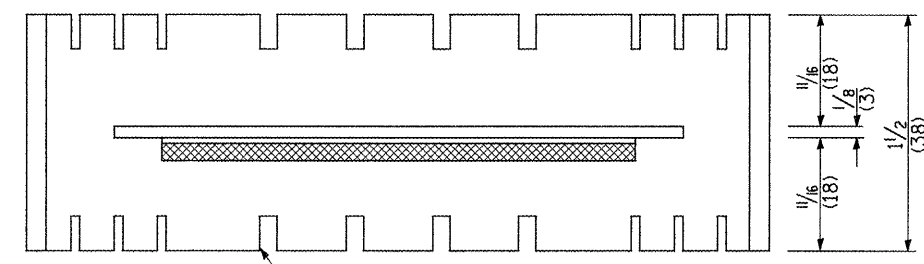


TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

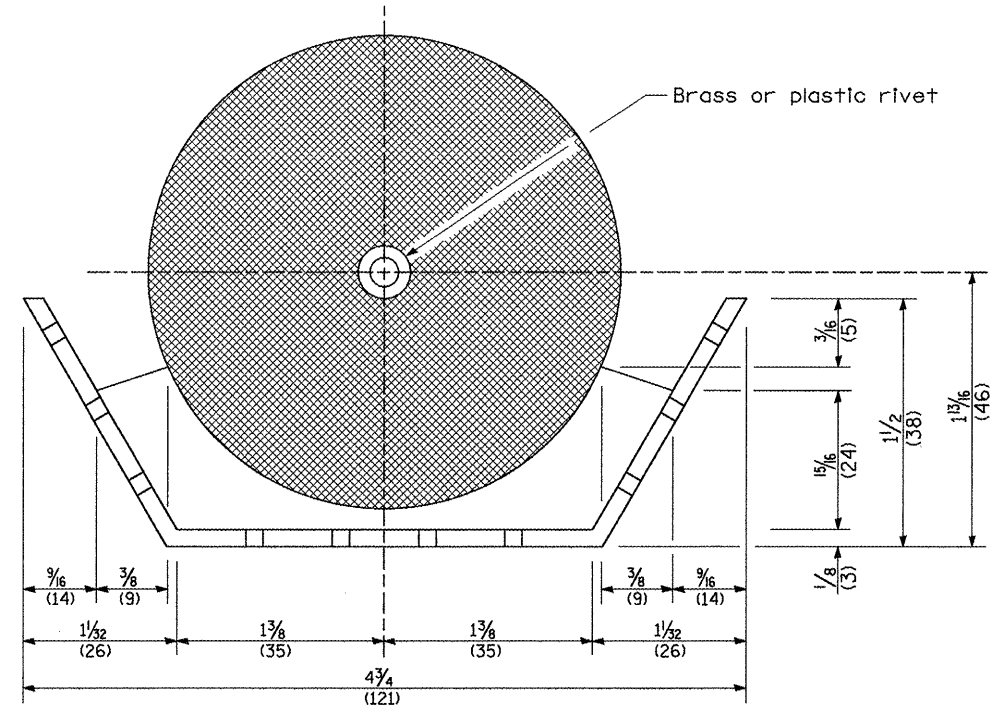
REFLECTOR MOUNTING



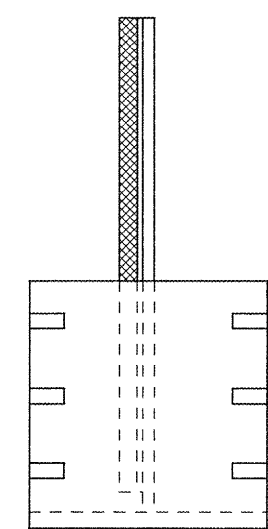
TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



Adhesive weep slots or holes equally spaced on both sides



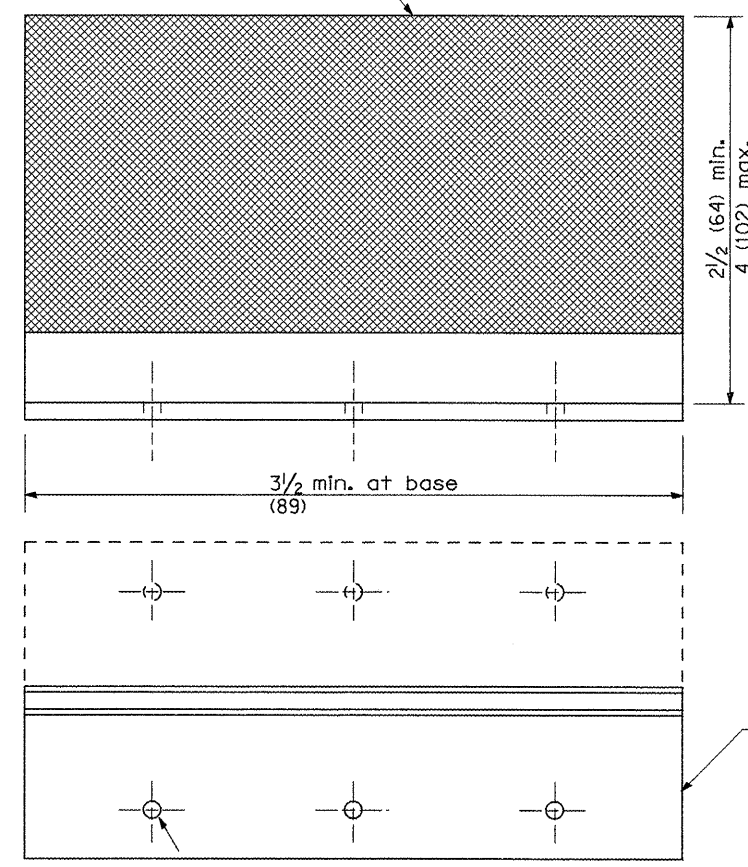
REFLECTOR MARKER TYPE B



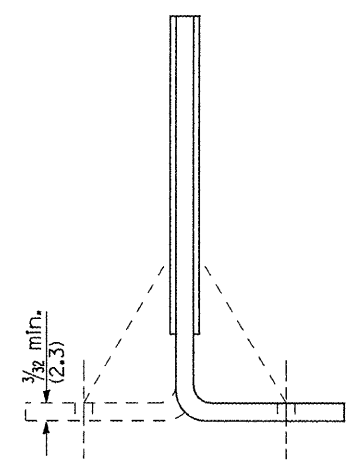
3 min. adhesive weep holes or slots each side, variable spacing.

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.



REFLECTOR MARKER TYPE C



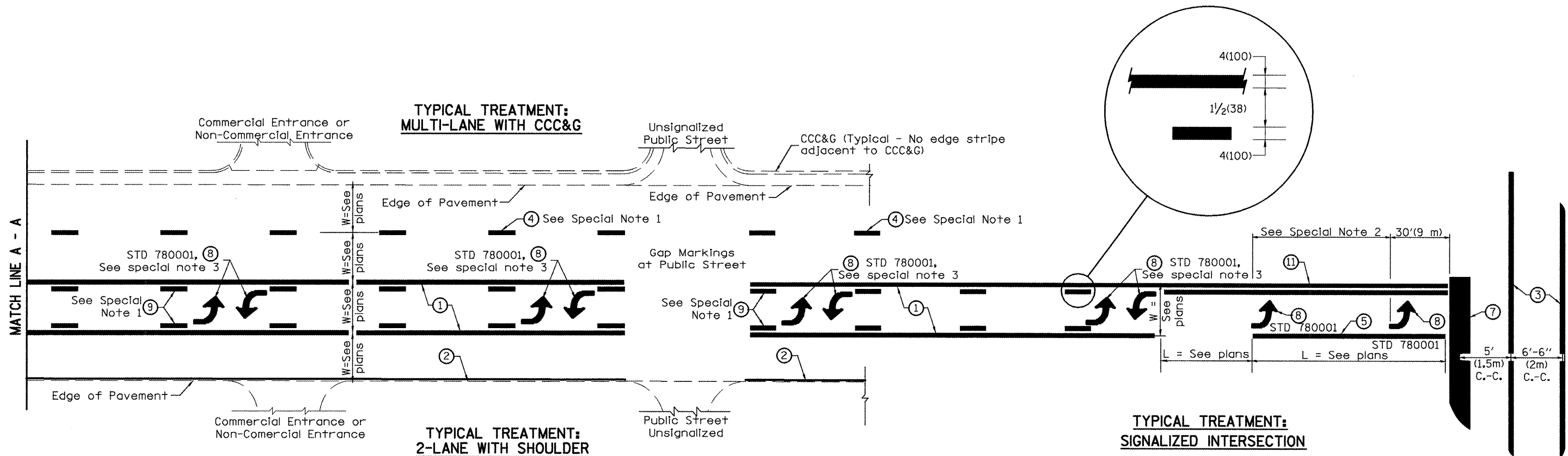
Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16.13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	54
CONTRACT NO. 68455				
FED. ROAD DIST. NO. - 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) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

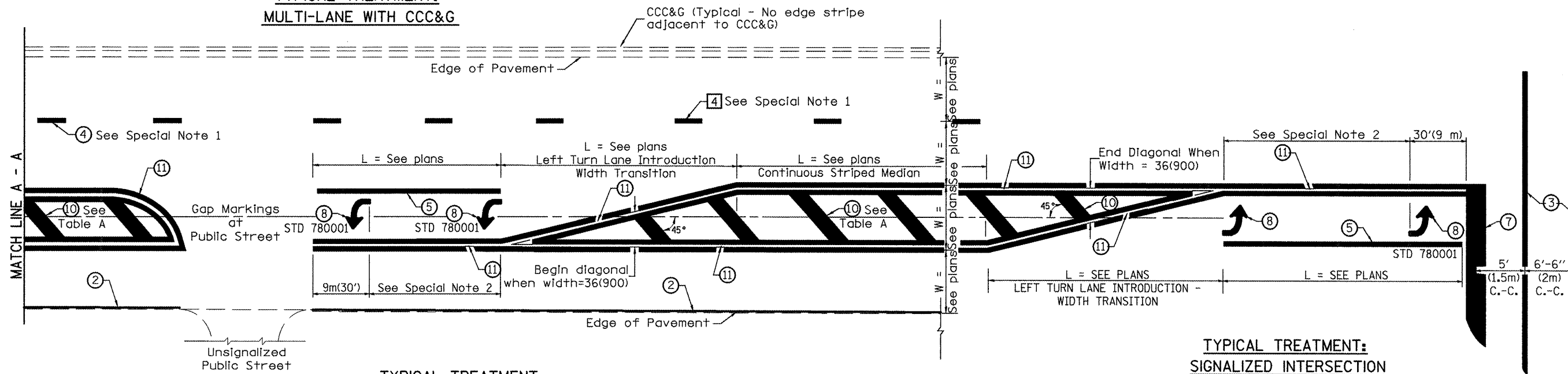
**SPECIAL NOTES**

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 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.

**TYPICAL TREATMENT:  
MULTI-LANE WITH CCC&G**



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

**TYPICAL MEDIAN TRANSITIONS**

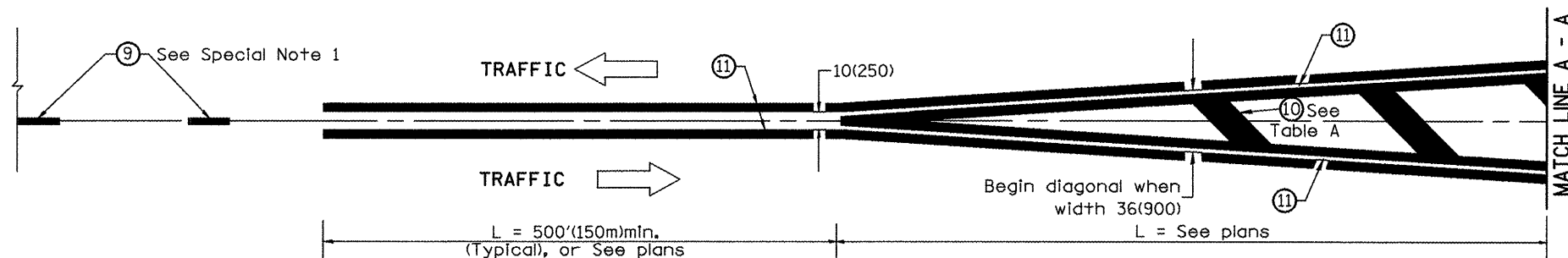
**TYPICAL TREATMENT:  
SIGNALIZED INTERSECTION**

**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.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 2 OF 2  
CADD STD. 780001-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(16,13)RS-3,17RS-5,14RS-1	PEORIA/TAZEWELL	56	56
CONTRACT NO. 68455				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				