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HIGHWAY STANDARDS

**HIGHWAY STANDARDS**

000001-05	701001-02	701336-05
442201-03	701006-03	701901-01
630001-08	701301-03	780001-02
635006-03	701306-02	781001-03
635011-02	701311-03	

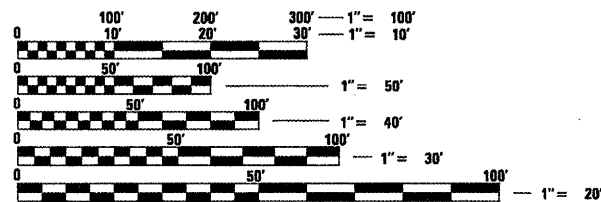
**DISTRICT CADD STANDARDS**

406101-D4	630101-D4
440001-D4	780001-D4

ADT: 6,000 (2007)  
2.08% MU & 3.75% SU

**PROJECT DESCRIPTION**

RESURFACING ON IL 91  
FROM WEST OF ALTA RD./IL 91  
INTERSECTION TO LEGION HALL RD.



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.

PROJECT ENGINEER: CHRISTOPHER MAUSHARD 309.671.3453  
PROJECT MANAGER: MIKE MOHAMED 309.671.3462

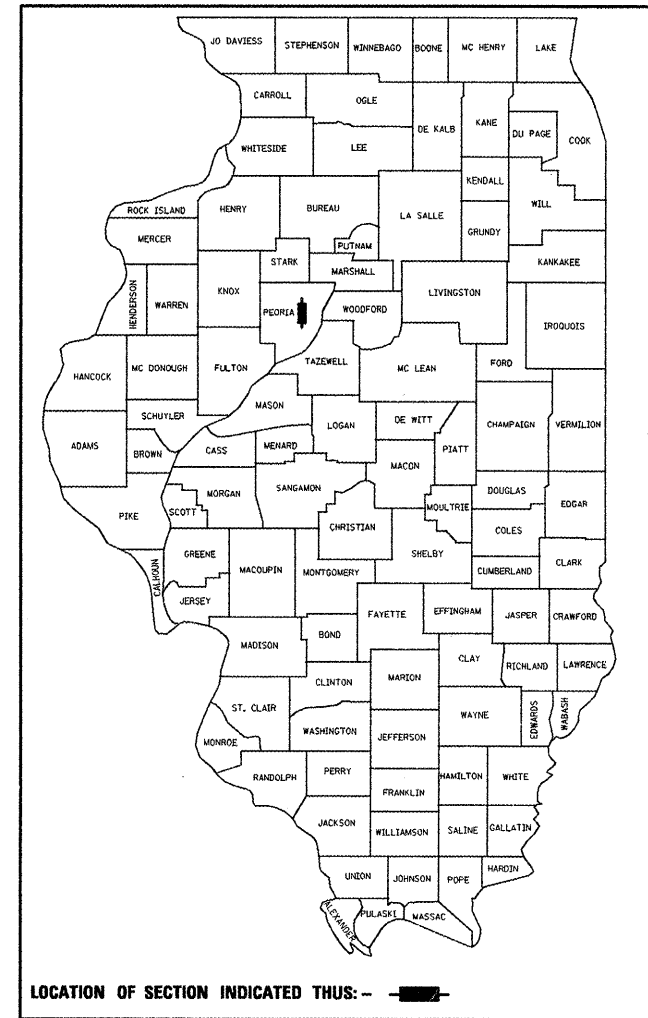
CONTRACT NO. 68612  
CATALOG NO. 033303-00D

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

F.A.S. ROUTE 1380 (IL 91)  
SECTION 2RS-4, 3RS-3, 7RS-4  
RESURFACING PROJECT  
PEORIA COUNTY  
PROJECT ESP-1380(106)  
C-94-102-06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	1
		ILLINOIS	CONTRACT NO. 68612	

D-94-081-06



LOCATION OF SECTION INDICATED THUS: -

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

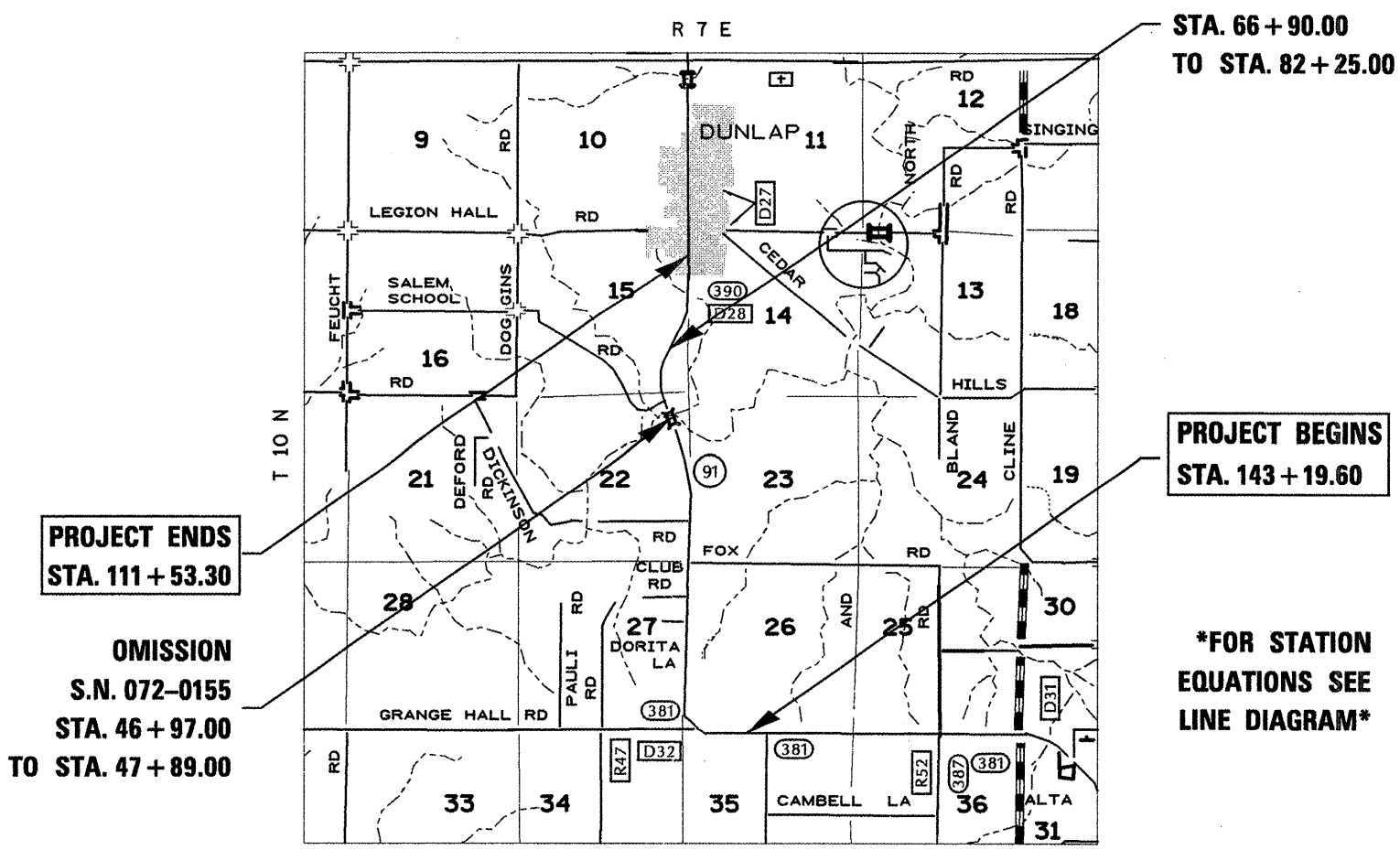
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *March 26, 2009*  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*May 8, 2009*  
*Charles J. Orgerole*  
ENGINEER OF DESIGN AND ENVIRONMENT

*May 8, 2009*  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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



PROJECT ENDS  
STA. 111 + 53.30

OMISSION  
S.N. 072-0155  
STA. 46 + 97.00  
TO STA. 47 + 89.00

OMISSION  
STA. 66 + 90.00  
TO STA. 82 + 25.00

PROJECT BEGINS  
STA. 143 + 19.60

\*FOR STATION  
EQUATIONS SEE  
LINE DIAGRAM\*

GROSS LENGTH = 17,974.33 FT. = 3.404 MILE  
NET LENGTH = 16,347.33 FT. = 3.096 MILE

# COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

## GENERAL NOTES

### PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

### 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.

### BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR OF TO THE PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

## PAVEMENT STATIONING NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20 mm) 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.

## 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.

## REFLECTIVE CRACK CONTROL

STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED ON THE COLD MILLED SURFACE.

## AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsonv	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS AND GENERAL NOTES</b>			F.A.S. RTE. 1380	SECTION 2RS-4, 3RS-3, 7RS-4	COUNTY PEORIA	TOTAL SHEETS 23	SHEET NO. 2
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 68612			
	PLOT DATE = 3/26/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

**TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION**

**THREE METER (3 m) (10 FT.) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.**

**ENGINEER'S 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.**

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

Mixture Use(s):	SURFACE COURSE	LEVELING BINDER	INCIDENTAL SURFACE (IF NEEDED)	BITUMINOUS PATCHES	BITUMINOUS SHOULDERS (SURFACE LIFT)
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	0%	15%	25%	30%
Design Air Voids:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=50	3.0% @ N=30
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 9.5 or IL12.5	IL 19.0	IL 9.5L
Friction Aggregate:	Mixture D (Dolomite Only)	N.A.	Mixture C	N.A.	Mix C

**\*\* IF THE RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED;  
THIS WILL BE DETERMINED BY THE ENGINEER.**

### SUMMARY OF QUANTITIES

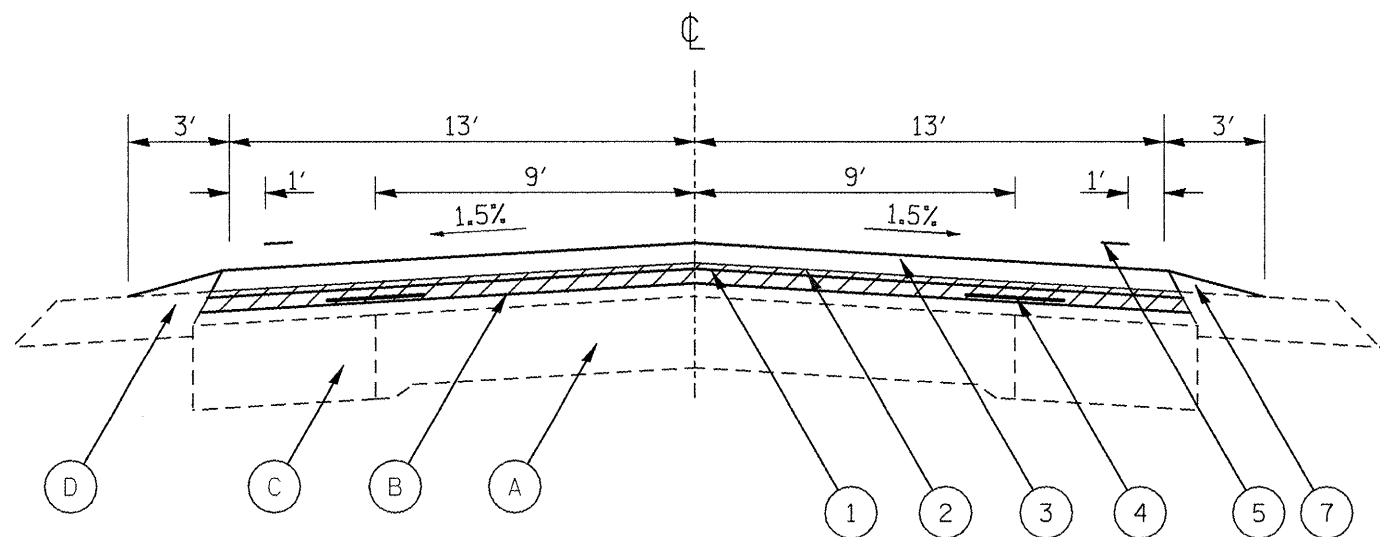
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 100% FED
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	30	30
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	26	26
40600300	AGGREGATE (PRIME COAT)	TON	148	148
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	238	238
40600990	TEMPORARY RAMP	SQ YD	119	119
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4,120	4,120
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	33	33
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	49,215	49,215
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	806	806
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	360	360
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	35,949	35,949
48101200	AGGREGATE SHOULDERS, TYPE B	TON	467	467
48203100	HOT-MIX ASPHALT SHOULDERS	TON	68	68
X 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	375	375
X 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
63200310	GUARDRAIL REMOVAL	FOOT	422	422
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1

X SPECIALTY ITEM

### SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 100% FED	1000 100% STATE
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,618	6,618	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	552	552	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	35	35	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	57,583	57,583	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	200	200	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	165	165	
X 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	35	35	
X 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	57,583	57,583	
X 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	200	200	
X 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	165	165	
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	402	402	
X 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8	
X 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	17,324	17,324	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	342	342	
X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	6	6	
X0322729	MATERIAL TRANSFER DEVICE	TON	4,120	4,120	
X2503100	MOWING	UNIT	164		164
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2,046	2,046	

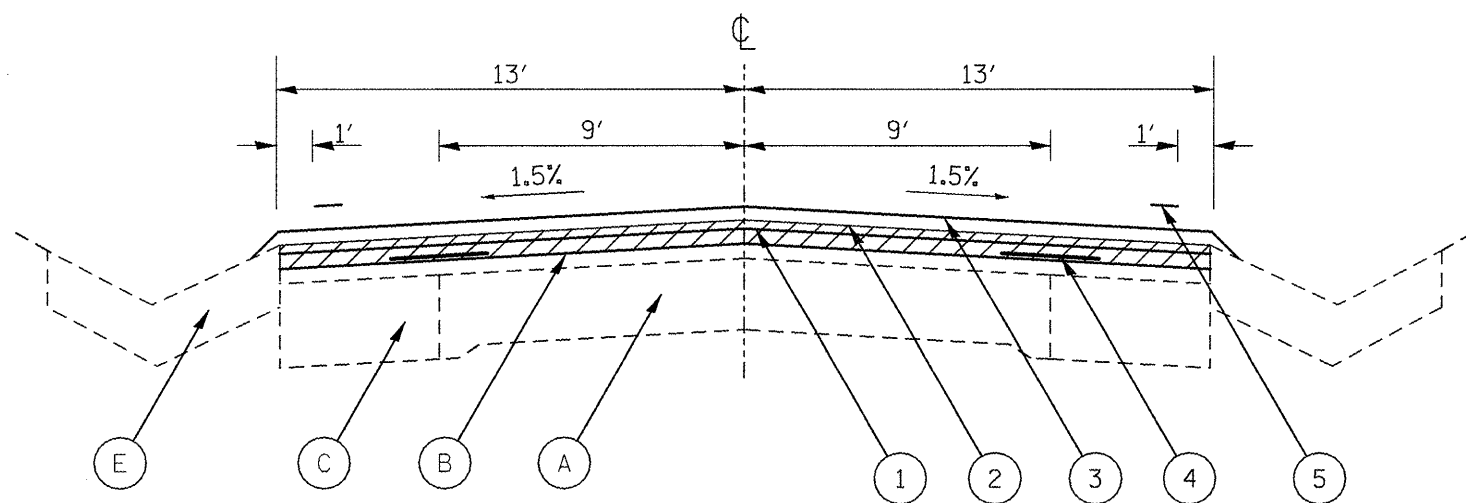
X SPECIALTY ITEM



STA. 143+19.60 TO STA. 153+65.00  
 STA. 165+10.00 TO STA. 172+36.40 (BK)  
 STA. 164+14.70 (AH) TO STA. 205+54.00 (BK)  
 STA. 0+00.00 (AH) TO 29+50.00  
 STA. 43+96.70 TO STA. 46+97.00  
 STA. 47+89.00 TO STA. 56+18.00  
 STA. 93+35.46 TO STA. 111+53.30

**LEGEND - PROPOSED**

- ① HMA SURFACE REMOVAL, 2"
- ② POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 (3/4")
- ③ HMA SURFACE COURSE, MIX "D", N50 (1 1/2")
- ④ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑤ EPOXY PAVEMENT MARKING
- ⑥ HMA SHOULDERS
- ⑦ AGGREGATE SHOULDER, TYPE B



STA. 29+50.00 TO STA. 43+96.70  
 STA. 56+18.00 TO STA. 66+90.00

**LEGEND - EXISTING**

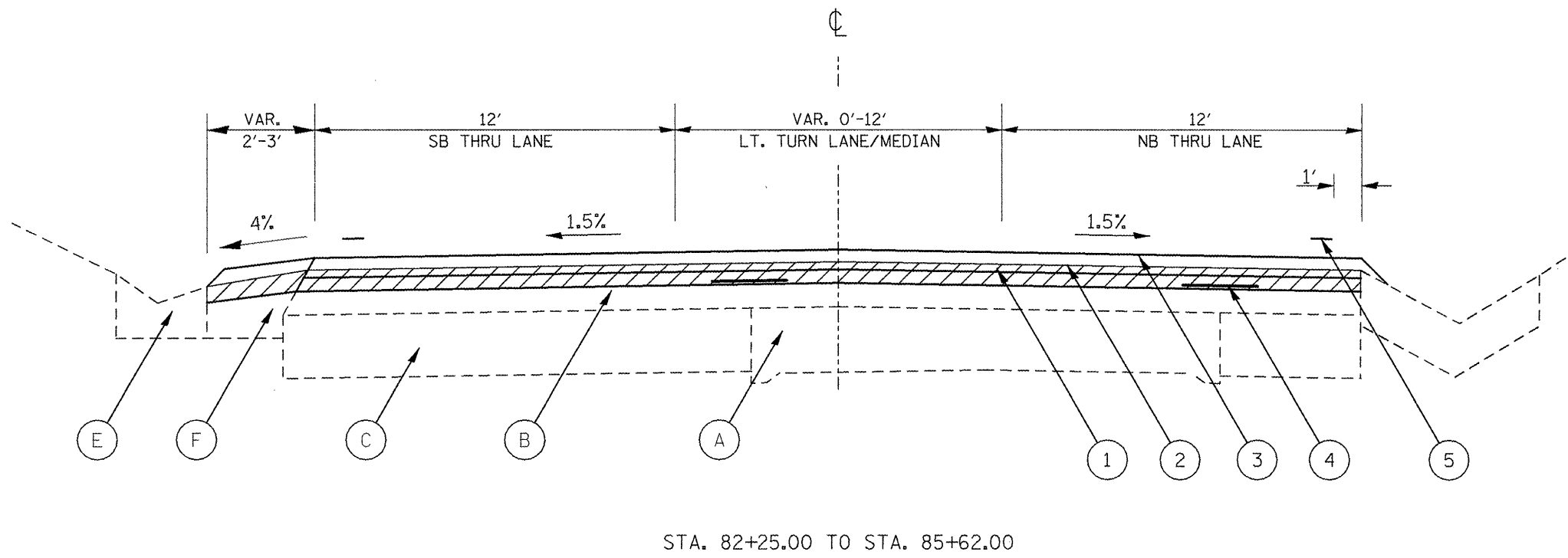
- Ⓐ P.C.C. PAVEMENT (9-6-9)
- Ⓑ HMA OVERLAY
- Ⓒ HMA BASE CSE/ BASE CSE WIDENING
- Ⓓ AGGREGATE SHOULDERS
- Ⓔ P.C.C. GUTTER TYPE A OR TYPE B (MOD)
- Ⓕ HMA SHOULDERS

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
 NOT TO SCALE SHEET NO. 1 OF 3 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	6
CONTRACT NO. 68612				
ILLINOIS FED. AID PROJECT				

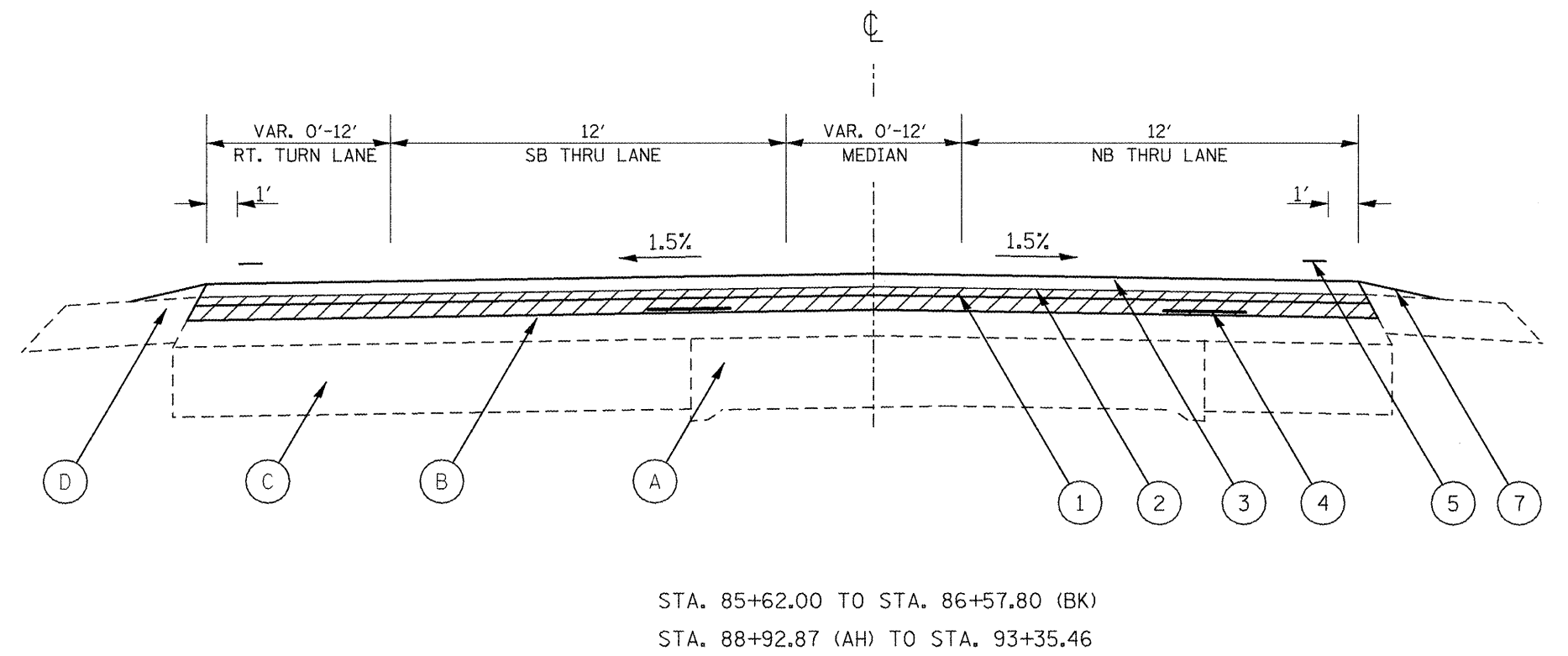


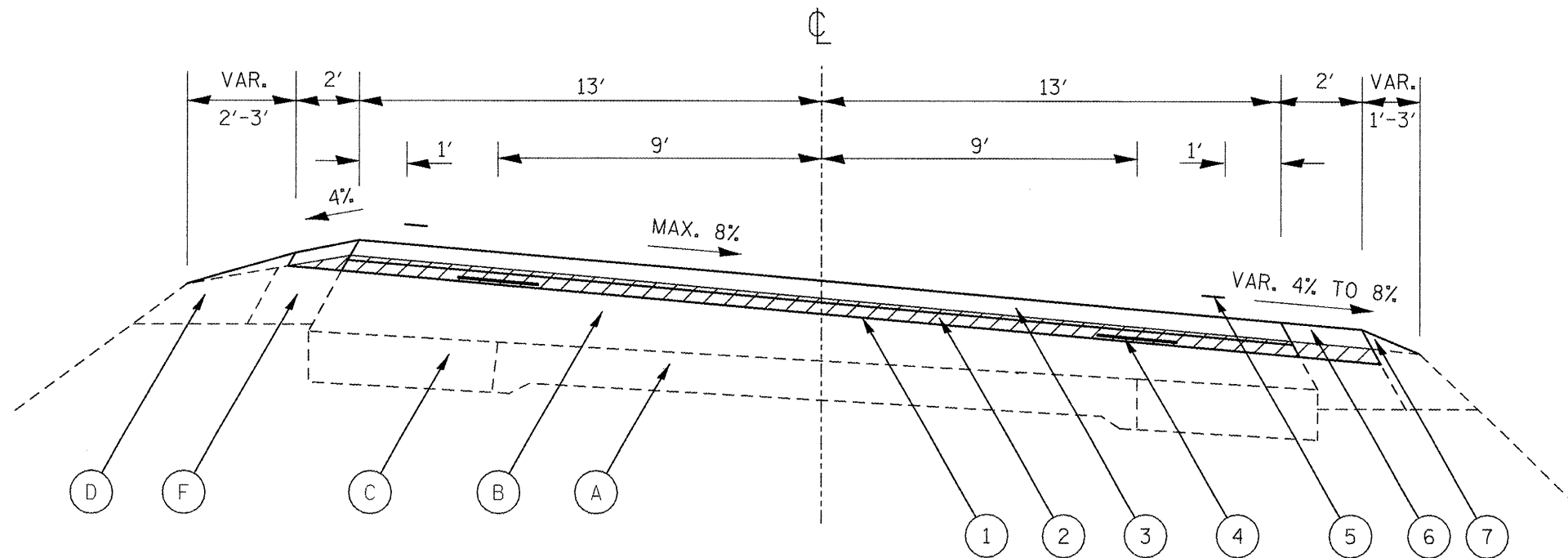
**LEGEND - PROPOSED**

- ① HMA SURFACE REMOVAL, 2"
- ② POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 (3/4")
- ③ HMA SURFACE COURSE, MIX "D", N50 (1 1/2")
- ④ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑤ EPOXY PAVEMENT MARKING
- ⑥ HMA SHOULDERS
- ⑦ AGGREGATE SHOULDER, TYPE B

**LEGEND - EXISTING**

- Ⓐ P.C.C. PAVEMENT (9-6-9)
- Ⓑ HMA OVERLAY
- Ⓒ HMA BASE CSE/ BASE CSE WIDENING
- Ⓓ AGGREGATE SHOULDERS
- Ⓔ P.C.C. GUTTER TYPE A OR TYPE B (MOD)
- Ⓕ HMA SHOULDERS

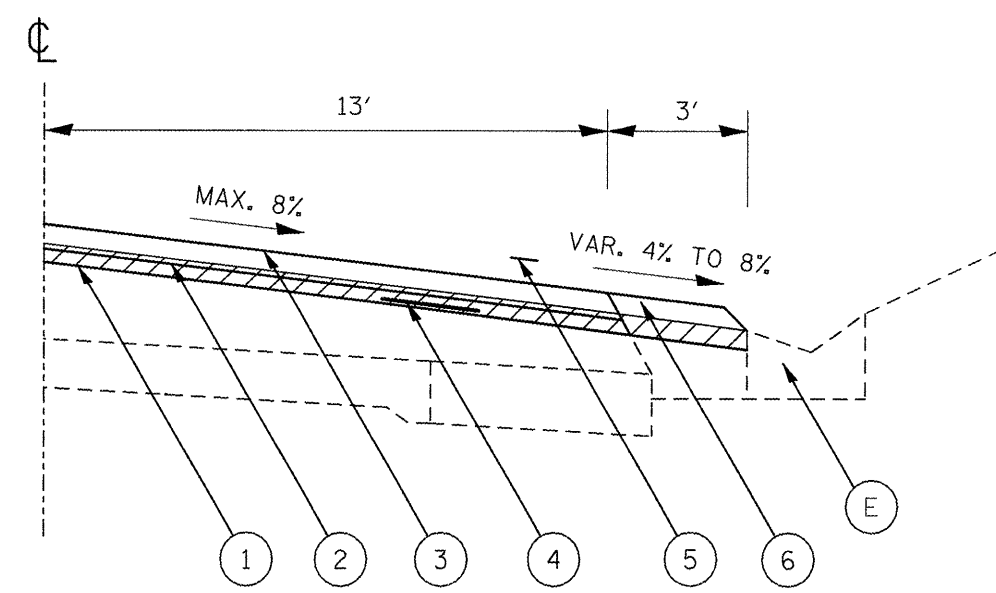




STA. 153+65.00 TO STA. 159+30.00  
 STA. 163+11.00 TO STA. 165+10.00

**LEGEND - PROPOSED**

- ① HMA SURFACE REMOVAL, 2"
- ② POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 (3/4")
- ③ HMA SURFACE COURSE, MIX "D", N50 (1 1/2")
- ④ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑤ EPOXY PAVEMENT MARKING
- ⑥ HMA SHOULDERS
- ⑦ AGGREGATE SHOULDER, TYPE B



STA. 159+30.00 TO STA. 163+11.00

**LEGEND - EXISTING**

- Ⓐ P.C.C. PAVEMENT (9-6-9)
- Ⓑ HMA OVERLAY
- Ⓒ HMA BASE CSE/ BASE CSE WIDENING
- Ⓓ AGGREGATE SHOULDERS
- Ⓔ P.C.C. GUTTER TYPE A OR TYPE B (MOD)
- Ⓕ HMA SHOULDERS



**TABULATION OF RESURFACING QUANTITIES**

LOCATION	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL, 2 IN	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)		POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	HMA SURFACE COURSE, MIX "D", N50	HMA SHOULDERS		AGGREGATE SHOULDERS, TYPE B		INCIDENTAL HMA SURFACING
				COLD-MILLED	FOG COAT	COLD-MILLED	FOG COAT			LEFT	RIGHT	LEFT	RIGHT	
				TON		TON				TON		TON		
STA. 143 + 19.60 TO STA. 143 + 29.60	28.89	14.44		0.01		0.06			2.44			0.19	0.19	0.74
STA. 143 + 29.60 TO STA. 153 + 65.00			2991.16	1.20	0.36	5.98	2.99	125.93	252.47			19.65	18.83	
STA. 153 + 65.00 TO STA. 159 + 30.00			1883.33	0.75	0.23	3.77	1.88	68.72	137.77	16.56	16.56	10.72	10.72	
STA. 159 + 30.00 TO STA. 163 + 11.00			1227.67	0.49	0.15	2.46	1.23	46.34	92.97	16.50				
STA. 163 + 11.00 TO STA. 165 + 10.00			663.33	0.27	0.08	1.33	0.66	24.20	48.52	5.83	5.83	3.78	3.78	
STA. 165 + 10.00 TO STA. 172 + 36.40			2098.49	0.84	0.25	4.20	2.10	88.35	177.12			13.79	13.79	
STA. 164 + 14.70 TO STA. 205 + 54.00			11957.98	4.78	1.43	23.92	11.96	503.44	1009.30			68.30	75.84	10.78
STA. 0 + 00.00 TO STA. 29 + 50.00			8522.22	3.41	1.02	17.04	8.52	358.79	719.31			51.34	51.67	8.11
STA. 29 + 50.00 TO STA. 43 + 96.70			4179.36	1.67	0.50	8.36	4.18	175.95	353.03					1.55
STA. 43 + 96.70 TO STA. 46 + 87.00			780.87	0.31	0.09	1.56	0.78	32.88	65.91			5.13	5.13	
STA. 46 + 87.00 TO STA. 46 + 97.00	28.89	14.44		0.01		0.06			2.44			0.19	0.19	
STA. 47 + 89.00 TO STA. 47 + 99.00	28.89	14.44		0.01		0.06			2.44			0.19	0.19	
STA. 47 + 99.00 TO STA. 56 + 18.00			2308.22	0.92	0.28	4.62	2.31	97.18	194.82			15.17	12.22	3.99
STA. 56 + 18.00 TO STA. 66 + 80.00			3068.00	1.23	0.37	6.14	3.07	129.17	259.16					6.50
STA. 66 + 80.00 TO STA. 66 + 90.00	28.89	14.44		0.01		0.06			2.44				0.19	
STA. 82 + 25.00 TO STA. 82 + 35.00	40.00	20.00		0.02		0.08			3.37			0.19		
STA. 82 + 35.00 TO STA. 85 + 62.00			1417.00	0.57	0.17	2.83	1.42	55.03	110.32	6.69		6.21		
STA. 85 + 62.00 TO STA. 86 + 57.80			542.87	0.22	0.07	1.09	0.54	21.49	43.03			1.82	0.33	
STA. 88 + 92.87 TO STA. 93 + 35.46			1845.13	0.74	0.22	3.69	1.85	77.62	155.51			8.40	1.90	
STA. 93 + 35.46 TO STA. 111 + 43.30			5222.65	2.09	0.63	10.45	5.22	219.88	440.81			32.61	34.32	1.60
STA. 111 + 43.30 TO STA. 111 + 53.30	28.89	14.44	28.89	0.01	0.00	0.06	0.03		2.44			0.19	0.19	
COPPERFIELD DR.	53.33	26.67	477.11	0.13	0.03	0.66	0.28	21.18	44.63					
<b>SUB-TOTAL</b>	<b>237.78</b>	<b>118.89</b>	<b>49214.27</b>	<b>19.69</b>	<b>5.88</b>	<b>98.45</b>	<b>49.01</b>	<b>2046.15</b>	<b>4120.24</b>	<b>45.59</b>	<b>22.39</b>	<b>237.87</b>	<b>229.47</b>	<b>33.26</b>
<b>TOTAL</b>	<b>238</b>	<b>119</b>	<b>49,215</b>	<b>26</b>		<b>148</b>		<b>2,046</b>	<b>4,120</b>	<b>68</b>		<b>467</b>		<b>33</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 HMA COURSES	0.03	2

**HMA & AGGREGATE CONVERSION FACTORS**

SURFACE TYPE	LB	TON
	SQ YD IN	CU YD
COLD MILLED SURFACES	112	2.016
EXISTING PAVEMENT	112	2.016
NEW HMA COURSES	114	2.016

**MATERIAL TRANSFER DEVICE**

LOCATION	TON
SURFACE COURSE	4,120
<b>TOTAL</b>	<b>4,120</b>

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SHEET NO. 1 OF 5 SHEETS

F.A.S. RTE. 1380	SECTION 2RS-4, 3RS-3, 7RS-4	COUNTY PEORIA	TOTAL SHEETS 23	SHEET NO. 9
			CONTRACT NO. 68612	
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL AND PROTECTION		
LOCATION	STD. 701306	STD. 701336
	L SUM	L SUM
JOBSITE	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>

AGGREGATE SURFACE COURSE, TYPE B	
LOCATION	TON
STA. 144+53.02	1.51
STA. 179+74.19	1.92
STA. 181+71.00	2.67
STA. 190+78.00	1.20
STA. 191+71.62 - CLUB RD.	3.02
STA. 194+05.42	1.60
STA. 203+07.11	1.18
STA. 204+02.06 - FE	1.00
STA. 17+82.77 - FOX RD.	2.52
STA. 26+67.52	1.39
STA. 27+75.76	1.16
STA. 52+00.00 - W. SALEM SCHOOL RD.	1.49
STA. 52+10.95	2.14
STA. 53+91.63	3.41
STA. 98+14.14	1.65
STA. 101+26.26	1.60
<b>SUB-TOTAL</b>	<b>29.46</b>
<b>TOTAL</b>	<b>30</b>

STRIP REFLECTIVE CRACK CONTROL TREATMENT	
LOCATION	FOOT
STA. 143+19.60 TO STA. 172+36.40 (BK)	5,833.60
STA. 164+14.70 (AH) TO STA. 205+54.00 (BK)	8,278.60
STA. 0+00.00 (AH) TO STA. 86+57.80 (BK)	17,315.60
STA. 88+92.87 (AH) TO STA. 111+53.30	4,520.86
<b>TOTAL</b>	<b>35,949</b>

SCHEDULE OF GUARDRAIL QUANTITIES						
LOCATION	STEEL PLATE BEAM GUARDRAIL, TY A 9' POSTS	TRAFFIC BARRIER TERMINAL TY 1, SPECIAL (TANGENT)	GUARDRAIL REMOVAL	GUARDRAIL AGGREGATE EROSION CONTROL	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
	FOOT	EACH	FOOT	TON	EACH	EACH
STA. 85+52.00 TO STA. 86+02.00		1				1
STA. 86+02.00 TO STA. 86+57.80 (BK)	375		422	6.01	8	
STA. 88+92.87 (AH) TO STA. 92+12.00		1				1
STA. 92+12.00 TO STA. 92+62.00						
<b>TOTAL</b>	<b>375</b>	<b>2</b>	<b>422</b>	<b>6</b>	<b>8</b>	<b>2</b>

ENGINEER'S FIELD OFFICE, TYPE B	
LOCATION	CAL MO
JOBSITE	4
<b>TOTAL</b>	<b>4</b>

CLASS D PATCH - 12 IN					
PATCHING UNIT	LOCATION	TYPE II		TYPE III	
		SQ YDS.		SQ YDS.	
		NB	SB	NB	SB
1	143+19.60 TO 159+51.26	130.05	112.71	86.65	34.66
2	164+14.70 (AH) TO 205+54.00 (BK)	121.33	130		
	0+00.00 (AH) TO 46+97.00	104.04	104.04	34.66	34.66
3	47+89.00 TO 66+90.00	8.67	8.67	17.33	17.33
4	82+25.00 TO 86+57.80 (BK)	34.68	34.68	34.66	30.31
	88+92.87 (AH) TO 111+53.30	8.67	8.67	34.66	34.66
<b>SUB-TOTAL</b>		<b>407.44</b>	<b>398.77</b>	<b>207.96</b>	<b>151.62</b>
<b>GRAND-TOTAL</b>		<b>806</b>		<b>360</b>	

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DA
JOBSITE	15
<b>TOTAL</b>	<b>15</b>

MOWING	
LOCATION	UNIT
JOBSITE	164
<b>TOTAL</b>	<b>164</b>

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

**PAVEMENT MARKING SCHEDULE**

LOCATION	LINE 4"						LINE 8"	LINE 12"	LETTERS & SYMBOLS
	SOLID - WHITE		SOLID - YELLOW		SKIP DASH - YELLOW				
	NB	SB	NB	SB	NB	SB			
	FT.	FT.	FT.	FT.	FT.	FT.			
STA. 143+19.60 TO STA. 146+00.00	280	280			70				
STA. 146+00.00 TO STA. 153+65.00	765	765	765			191			
STA. 153+65.00 TO STA. 165+10.00	1,145	1,145	1,145	1,145					
STA. 165+10.00 TO STA. 172+34.60 (BK)	725	725		725	181				
STA. 164+14.70 (AH) TO STA. 168+33.76	419	419		419	105				
STA. 168+33.76 TO STA. 205+54.00 (BK)	3,720	3,720			930				
STA. 0+00.00 (AH) TO STA. 11+96.18	1,196	1,196			299				
STA. 11+96.18 TO STA. 24+82.52	1,286	1,286	1,286			322			
STA. 24+82.52 TO STA. 29+40.58	458	458	458	458					
STA. 29+40.58 TO STA. 40+52.48	1,112	1,112		1,112	278				
STA. 40+52.48 TO STA. 46+97.00	645	645			161				
STA. 47+89.00 TO STA. 59+81.85	1,193	1,193	1,193			298			
STA. 59+81.85 TO STA. 66+90.00	708	708	708	708					
STA. 82+25.00 TO STA. 83+45.00	120	120	241	240			17		
STA. 83+45.00 TO STA. 83+89.56	45	45		89					
STA. 83+89.56 TO STA. 84+89.56	100			200		100		18	
STA. 84+89.56 TO STA. 85+62.00	72								
STA. 85+62.00 TO STA. 86+00.00	38		86	76			16		
STA. 86+00.00 TO STA. 86+35.43	35		71	71					
STA. 86+35.43 TO STA. 86+57.80 (BK)	22	22	45	45		22	16	9	
STA. 88+92.87 (AH) TO STA. 89+70.60	78	78	155	155		78	31	9	
STA. 89+70.60 TO STA. 91+31.00	160	160	321	321			63		
STA. 91+31.00 TO STA. 93+35.46	204	204	409	410			23		
STA. 93+35.46 TO STA. 106+25.30	1,290	1,290	1,290	1,290					
STA. 106+25.30 TO STA. 111+53.30	528	528	528	528					
<b>SUB-TOTAL</b>	16,346	16,100	8,701	7,991	2,835	200	165	35	
<b>TOTAL</b>			<b>51,973</b>				<b>200</b>	<b>165</b>	<b>35</b>

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SHEET NO. 3 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	11
CONTRACT NO. 68612			ILLINOIS FED. AID PROJECT	

### TEMPORARY PAINT PAVEMENT MARKING SCHEDULE

LOCATION	LINE 4"						LINE 8"	LINE 12"	LETTERS & SYMBOLS
	SOLID - WHITE		SOLID - YELLOW		SKIP DASH - YELLOW				
	NB	SB	NB	SB	NB	SB			
	FT.	FT.	FT.	FT.	FT.	FT.			
STA. 143+19.60 TO STA. 146+00.00	280	280			70				
STA. 146+00.00 TO STA. 153+65.00	765	765	765			191			
STA. 153+65.00 TO STA. 165+10.00	1,145	1,145	1,145	1,145					
STA. 165+10.00 TO STA. 172+34.60 (BK)	725	725		725	181				
STA. 164+14.70 (AH) TO STA. 168+33.76	419	419		419	105				
STA. 168+33.76 TO STA. 205+54.00 (BK)	3,720	3,720			930				
STA. 0+00.00 (AH) TO STA. 11+96.18	1,196	1,196			299				
STA. 11+96.18 TO STA. 24+82.52	1,286	1,286	1,286			322			
STA. 24+82.52 TO STA. 29+40.58	458	458	458	458					
STA. 29+40.58 TO STA. 40+52.48	1,112	1,112		1,112	278				
STA. 40+52.48 TO STA. 46+97.00	645	645			161				
STA. 47+89.00 TO STA. 59+81.85	1,193	1,193	1,193			298			
STA. 59+81.85 TO STA. 66+90.00	708	708	708	708					
STA. 82+25.00 TO STA. 83+45.00	120	120	241	240			17		
STA. 83+45.00 TO STA. 83+89.56	45	45		89					
STA. 83+89.56 TO STA. 84+89.56	100			200		100		18	
STA. 84+89.56 TO STA. 85+62.00	72								
STA. 85+62.00 TO STA. 86+00.00	38		86	76			16		
STA. 86+00.00 TO STA. 86+35.43	35		71	71					
STA. 86+35.43 TO STA. 86+57.80 (BK)	22	22	45	45		22	16	9	
STA. 88+92.87 (AH) TO STA. 89+70.60	78	78	155	155		78	31	9	
STA. 89+70.60 TO STA. 91+31.00	160	160	321	321			63		
STA. 91+31.00 TO STA. 93+35.46	204	204	409	410			23		
STA. 93+35.46 TO STA. 106+25.30	1,290	1,290	1,290	1,290					
STA. 106+25.30 TO STA. 111+53.30	528	528	528	528					
<b>SUB-TOTAL</b>	16,346	16,100	8,701	7,991	2,835	200	165	35	
<b>TOTAL</b>			<b>51,973</b>				<b>200</b>	<b>165</b>	<b>35</b>

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SHEET NO. 4 OF 5 SHEETS

F.A.S. RTE. 1380	SECTION 2RS-4, 3RS-3, 7RS-4	COUNTY PEORIA	TOTAL SHEETS 23	SHEET NO. 12	CONTRACT NO. 68612
ILLINOIS FED. AID PROJECT					

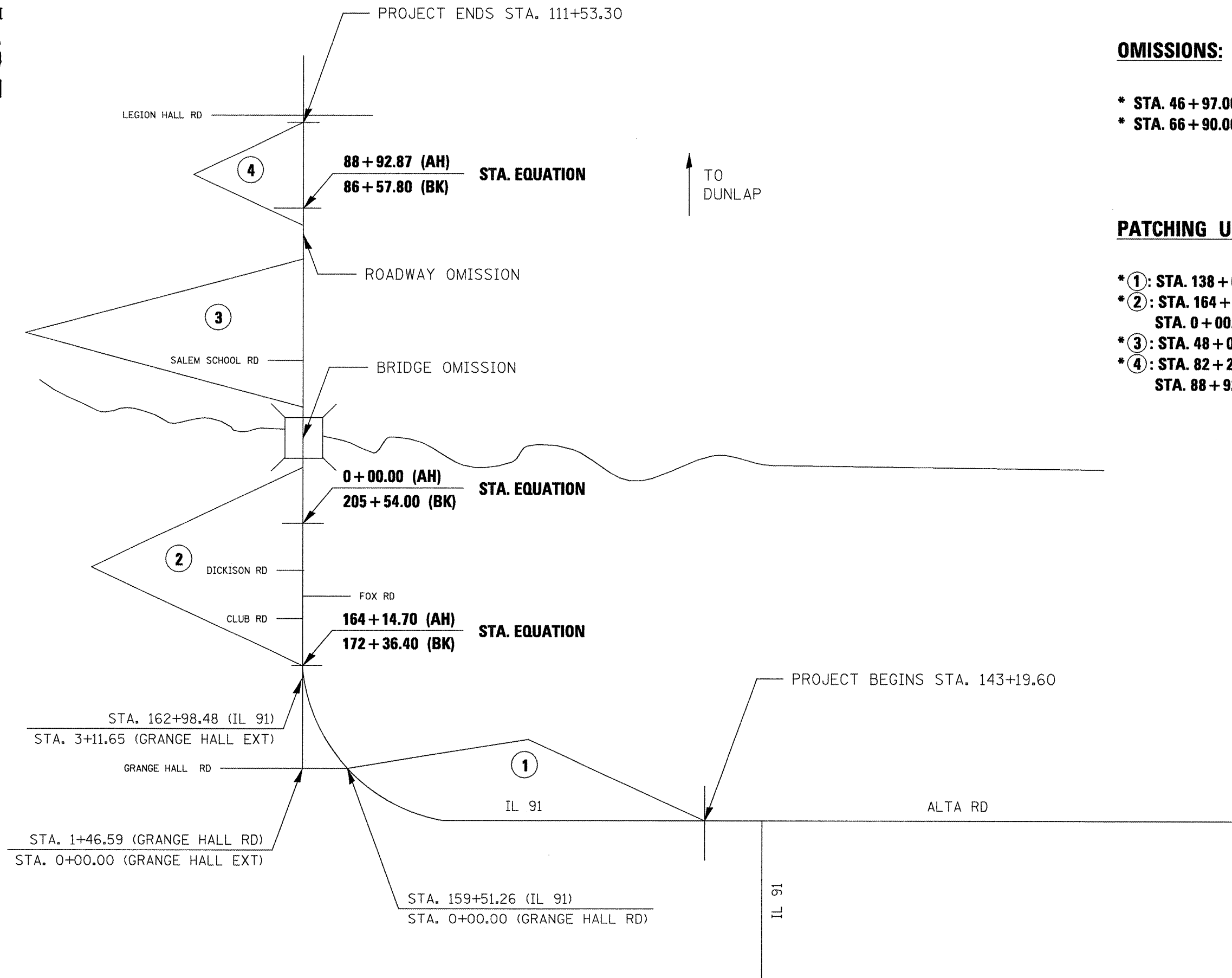
SHORT-TERM PAVEMENT MARKING				
LOCATION	LENGTH	NO. OF APPLICATIONS	TOTAL LENGTH	
	FT.		FT.	
STA. 143+19.60 TO STA. 172+34.60 (BK)	292	4	1,166	
STA. 164+14.70 (AH) TO STA. 205+54.00 (BK)	414	4	1,656	
STA. 0+00.00 (AH) TO STA. 46+97.00	470	4	1,879	
STA. 47+89.00 TO STA. 66+90.00	190	4	760	
STA. 82+25.00 TO STA. 83+89.56	16	4	66	
STA. 83+89.56 TO STA. 84+89.56	20	4	80	
STA. 84+89.56 TO STA. 86+35.43	15	4	58	
STA. 86+35.43 TO STA. 86+57.80 (BK)	4	4	18	
STA. 88+92.87 (AH) TO STA. 89+70.60	16	4	62	
STA. 89+70.60 TO STA. 111+53.30	218	4	873	
		4		
SUB-TOTAL	1,655	4	6,618	
<b>TOTAL</b>			<b>6,618</b>	

WORK ZONE PAVEMENT MARKING REMOVAL		
LOCATION	LENGTH	AREA
	FT.	SQ FT.
<b>TEMPORARY PAVEMENT MARKING</b>		
LINE 4"	51,973	17,324
LINE 8"	200	133
LINE 12"	165	165
LETTERS & SYMBOLS		35
SUB-TOTAL	17,658	
<b>TOTAL</b>	<b>17,658</b>	

LOCATION	TWO-WAY 80' CENTERS	TWO-WAY 40' CENTERS	ONE-WAY 40' CENTERS	ONE-WAY 40' CENTERS	ONE-WAY 20' CENTERS
	AMBER	AMBER	AMBER	CRYSTAL	CRYSTAL
	EACH	EACH	EACH	EACH	EACH
STA. 143+19.60 TO STA. 146+00	5				
STA. 146+00 TO STA. 153+65.00		20		40	
STA. 153+65.00 TO STA. 165+10.00		30		60	
STA. 165+10.00 TO STA. 172+34.60 (BK)	10				
STA. 164+14.70 (AH) TO STA. 168+33.76	6				
STA. 168+33.76 TO STA. 205+54.00 (BK)	48				
STA. 0+00.00 (AH) TO STA. 11+96.18	16				
STA. 11+96.18 TO STA. 24+82.52	17				
STA. 24+82.52 TO STA. 29+40.58		12			
STA. 29+40.58 TO STA. 40+52.48	15				
STA. 40+52.48 TO STA. 46+97.00	9				
STA. 47+89.00 TO STA. 59+81.85	16				
STA. 59+81.85 TO STA. 66+90.00		19			
STA. 82+25.00 TO STA. 83+45.00			6		
STA. 83+45.00 TO STA. 83+89.56		2			
STA. 83+89.56 TO STA. 84+89.56		6			6
STA. 84+89.56 TO STA. 85+62.00					
STA. 85+62.00 TO STA. 86+00.00			2		
STA. 86+00.00 TO STA. 86+35.43			2		
STA. 86+35.43 TO STA. 86+57.80 (BK)			2		2
STA. 88+92.87 (AH) TO STA. 89+70.60			4		4
STA. 89+70.60 TO STA. 91+31.00			8		
STA. 91+31.00 TO STA. 93+35.46			10		
STA. 93+35.46 TO STA. 106+25.30	17				
STA. 106+25.30 TO STA. 111+53.30	8				
SUB-TOTAL	167	89	34	100	12
<b>TOTAL</b>		<b>256</b>	<b>34</b>	<b>112</b>	

WORK ZONE PAVEMENT MARKING REMOVAL		
LOCATION	LENGTH	AREA
	FT.	SQ FT.
SHORT-TERM PAVEMENT MARKING (4")	1,655	552
SUB-TOTAL	552	
<b>TOTAL</b>	<b>552</b>	

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
JOBSITE	342
<b>TOTAL</b>	<b>342</b>

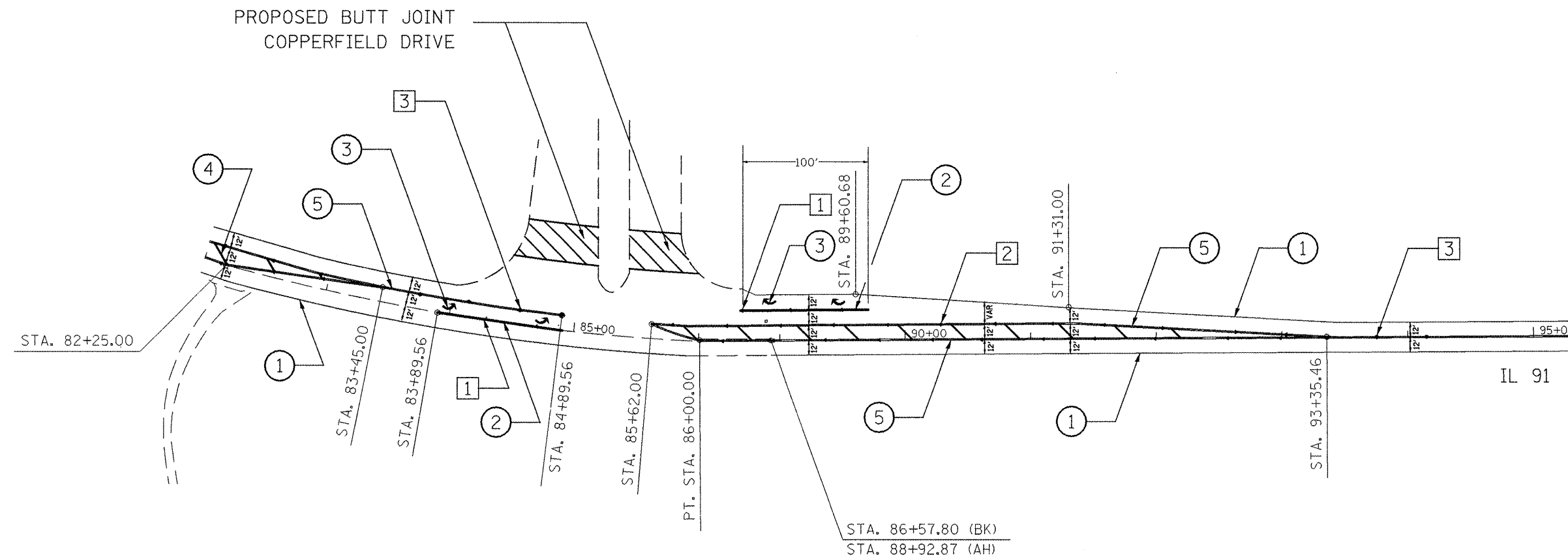


- \* STA. 46+97.00 TO STA. 47+89.00 - S.N. 072-0155
- \* STA. 66+90.00 TO STA. 82+25.00

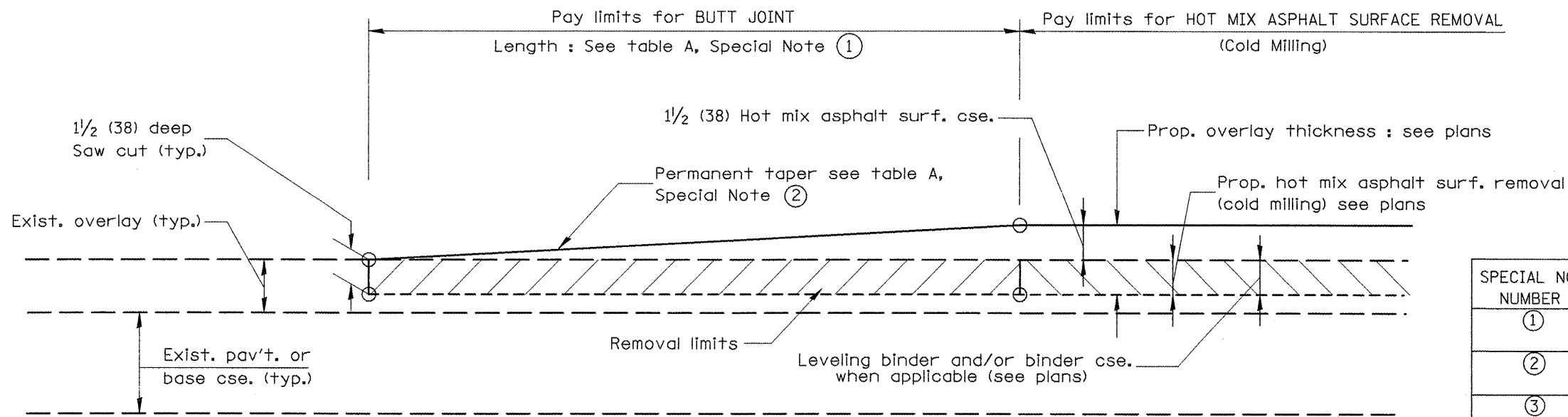
**PATCHING UNITS:**

- \* ①: STA. 138+00.00 TO 159+51.26
- \* ②: STA. 164+14.70 (AH) TO 205+54.00 (BK)  
STA. 0+00.00 (AH) TO STA. 46+77.00
- \* ③: STA. 48+09.00 TO STA. 66+90.00
- \* ④: STA. 82+25.00 TO STA. 86+57.80 (BK)  
STA. 88+92.87 (AH) TO STA. 111+53.30

FILE NAME = PHASE II PLANS.dgn	USER NAME = johnsantv	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LINE DIAGRAM</b>	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLDT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	1380			2RS-4, 3RS-3, 7RS-4	PEORIA	23	14	
PLDT DATE = 3/26/2009	DATE -	REVISED -	CONTRACT NO. 68612							
						ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)
<ul style="list-style-type: none"> <li>① 4" SOLID (WHITE)</li> <li>② 8" SOLID (WHITE)</li> <li>③ LETTERS AND SYMBOLS</li> <li>④ 12" DIAGONAL (YELLOW)</li> <li>⑤ 4" DOUBLE (YELLOW)</li> </ul>	<ul style="list-style-type: none"> <li>① ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS</li> <li>② ◀ ONE-WAY AMBER MARKER AT 40' CENTERS</li> <li>③ ◀ TWO-WAY AMBER MARKER AT 40' CENTERS</li> </ul>



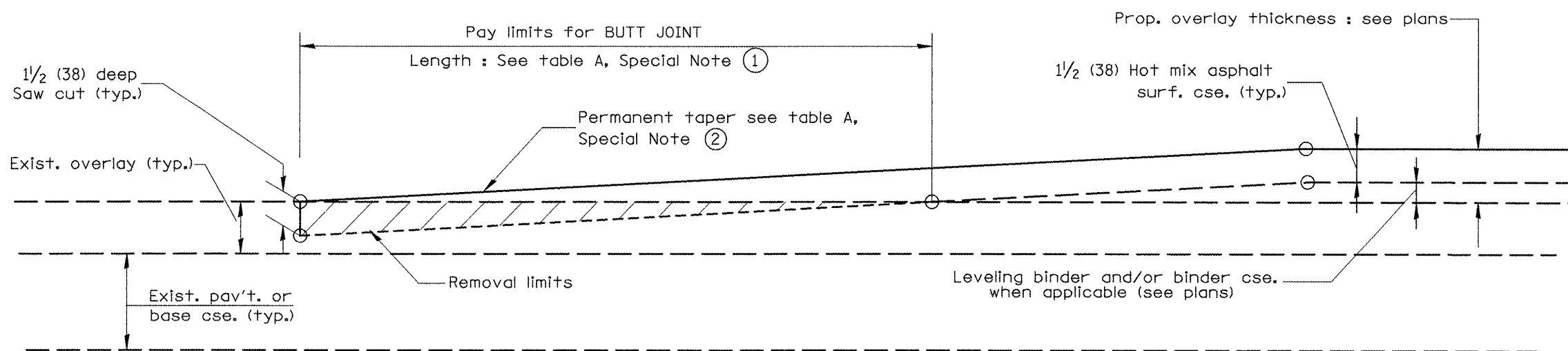
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**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**

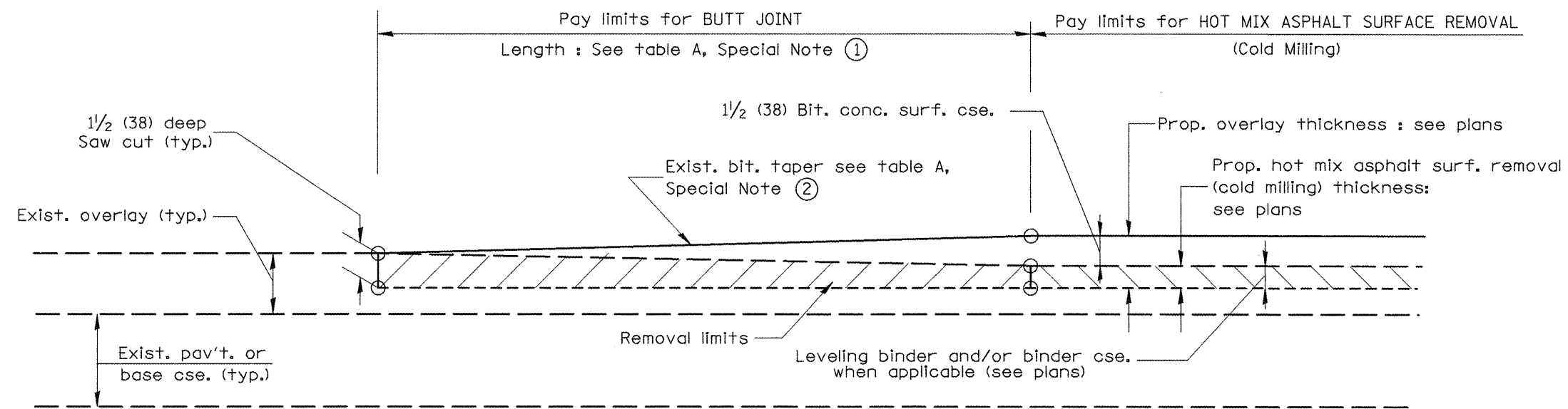
**BUTT JOINTS**

NOT TO SCALE

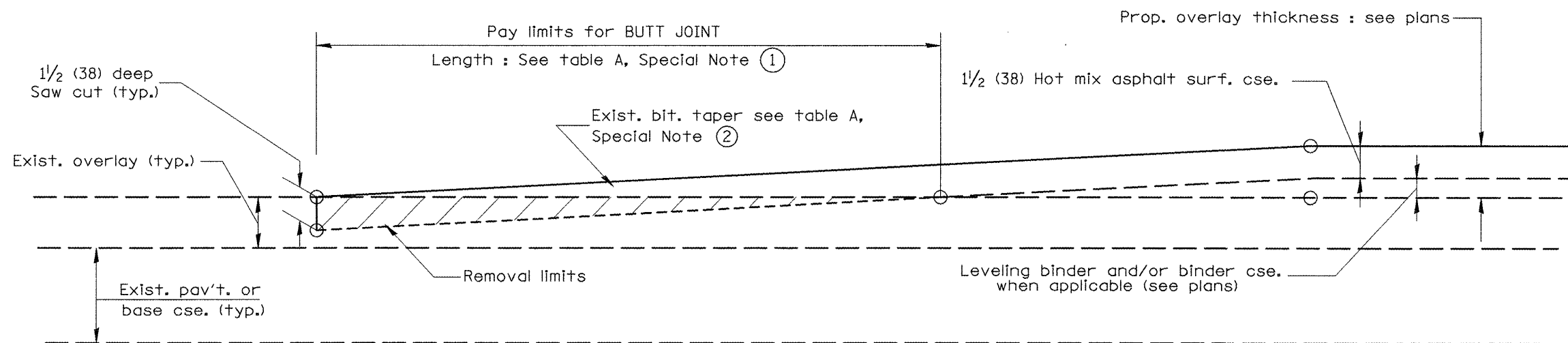
SHT. 1 OF 3  
CADD STD. 406101-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, TRS-4	PEORIA	23	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68612	

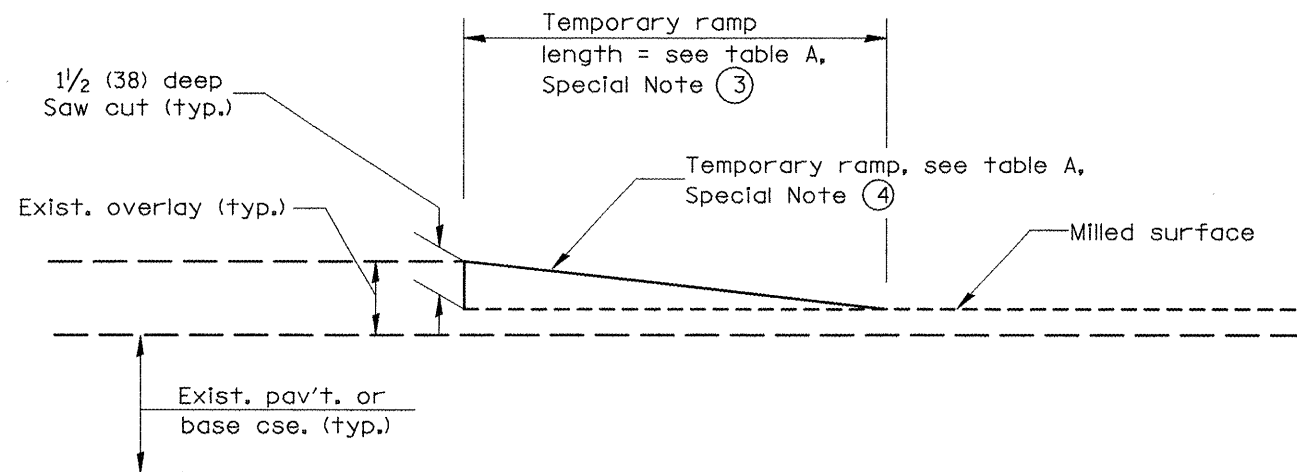




**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**  
**TIE-IN TO EXISTING BITUMINOUS TAPER**



**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.

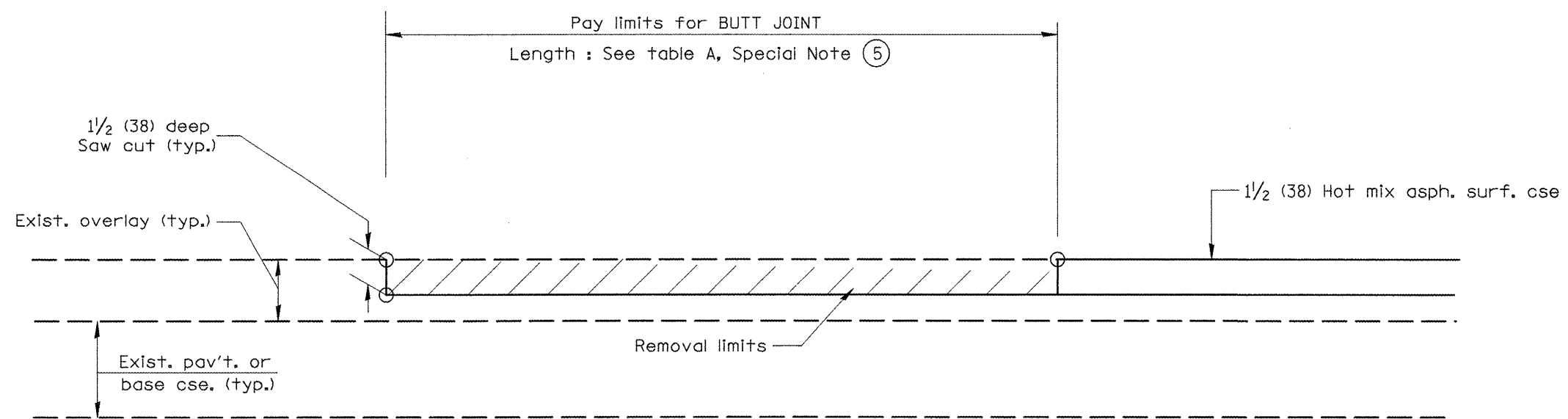
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68612	



**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.

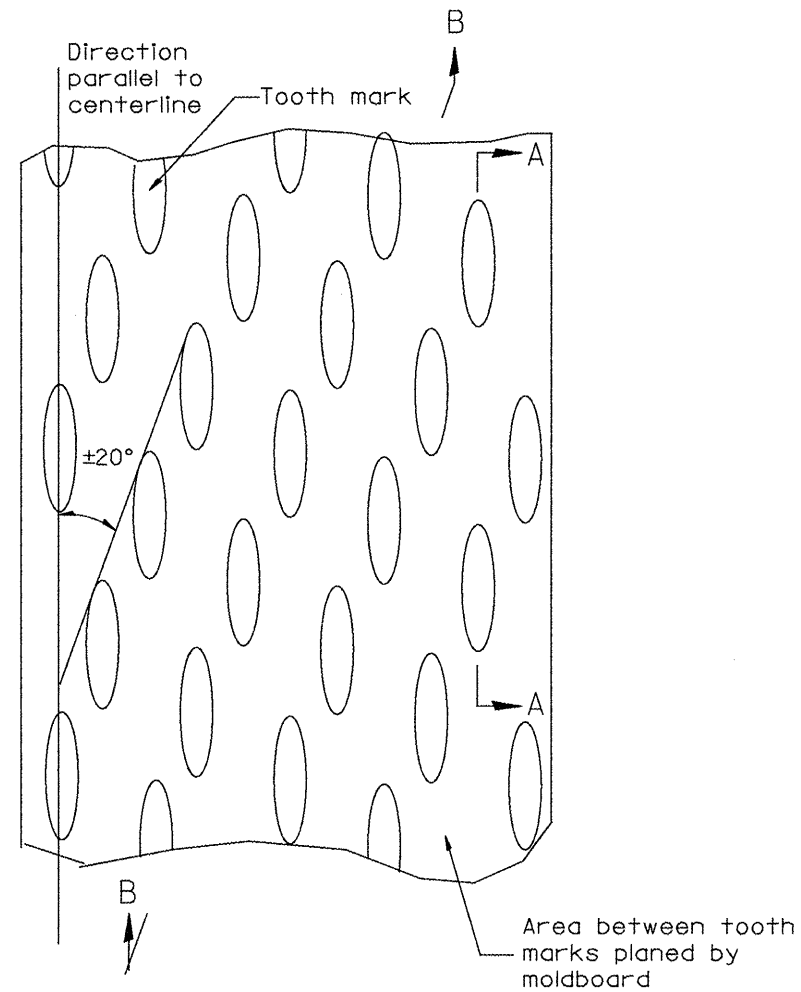
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3  
CADD STD. 406101-D4

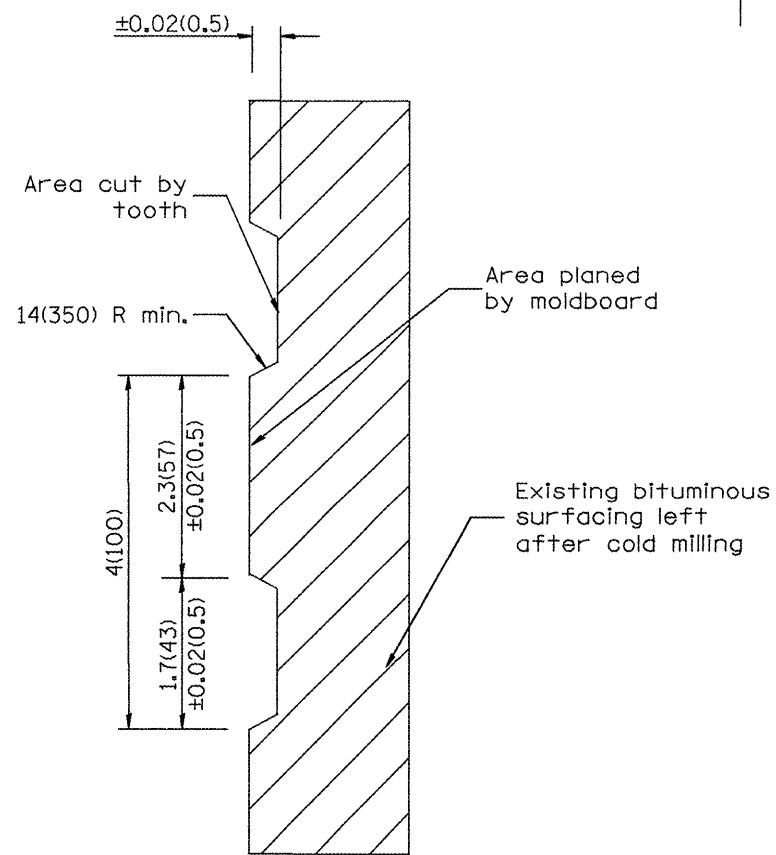
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68612	



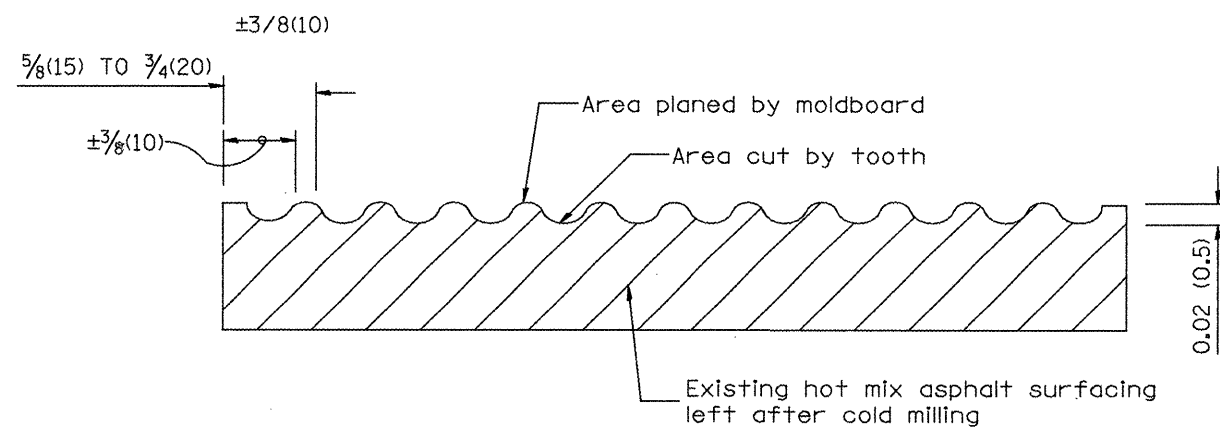
PLAN

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.

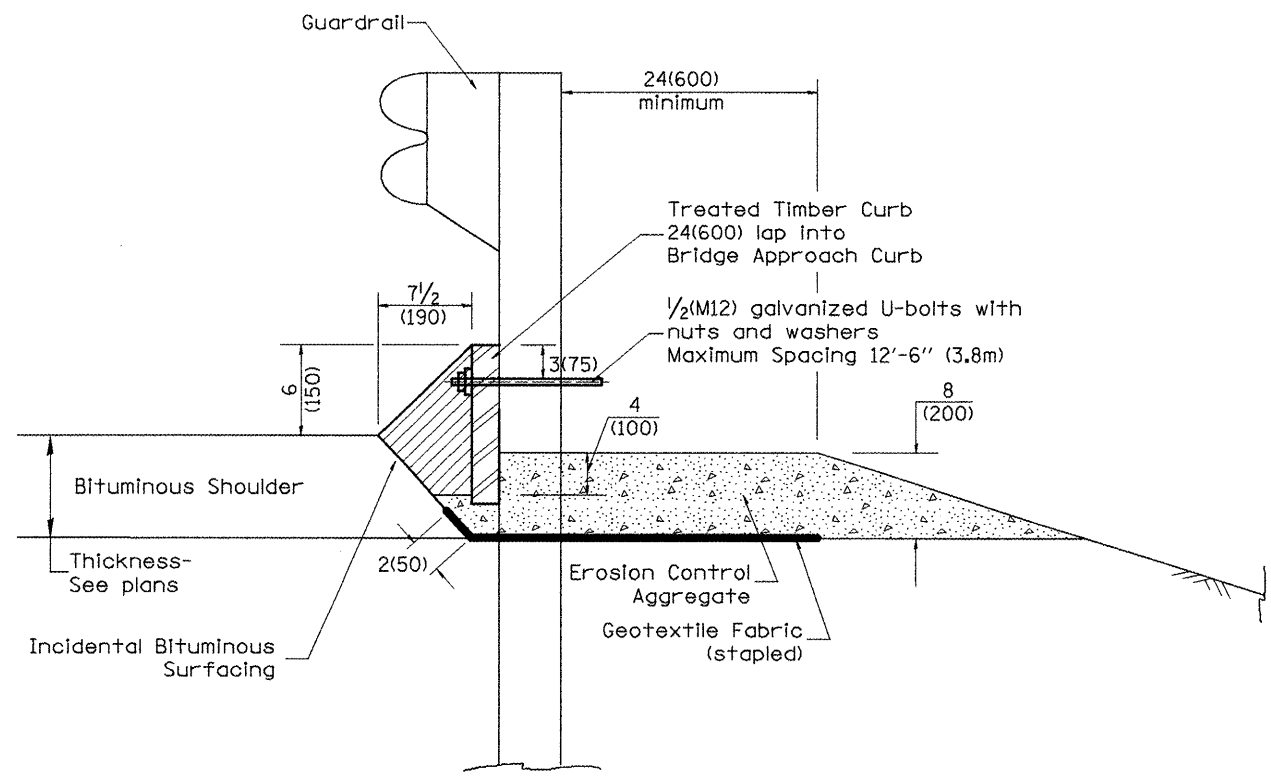
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

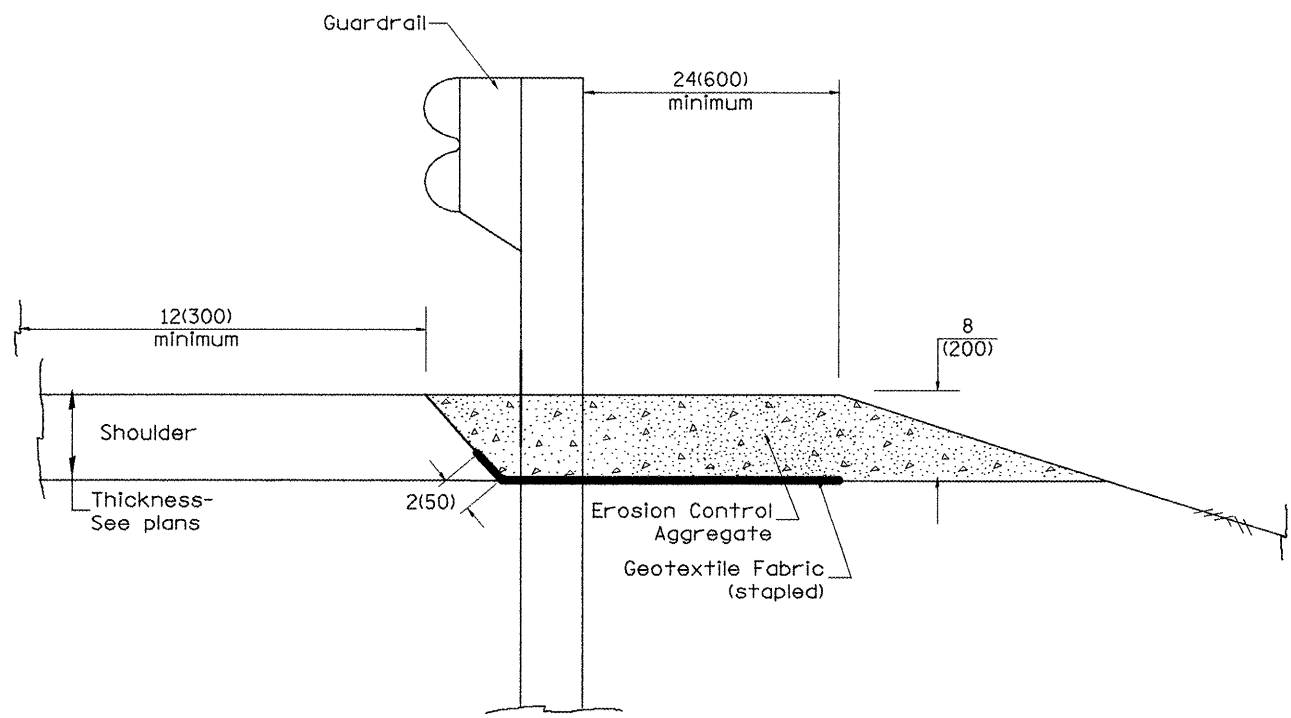
NOT TO SCALE

CADD STD. 440001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	19
CONTRACT NO. 68612				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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.

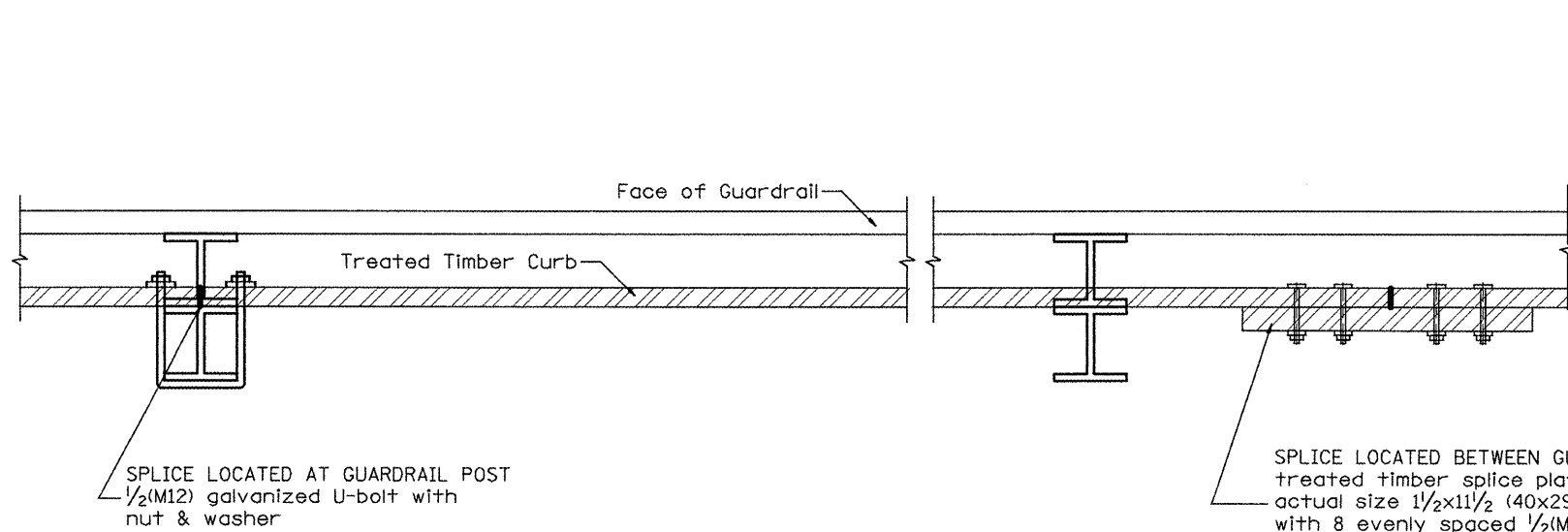
All dimensions are in Inches (millimeters) unless otherwise noted.

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.

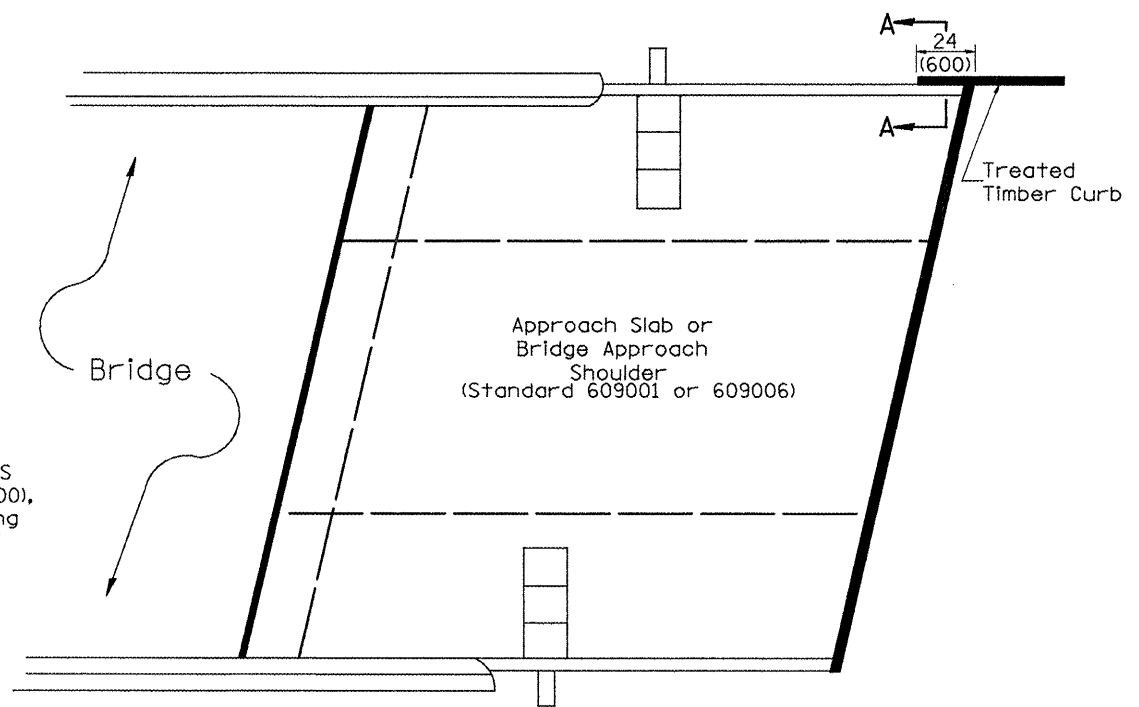
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL EROSION CONTROL TREATMENTS**  
SHT. 1 OF 2  
CADD STD. 630101-D4  
NOT TO SCALE

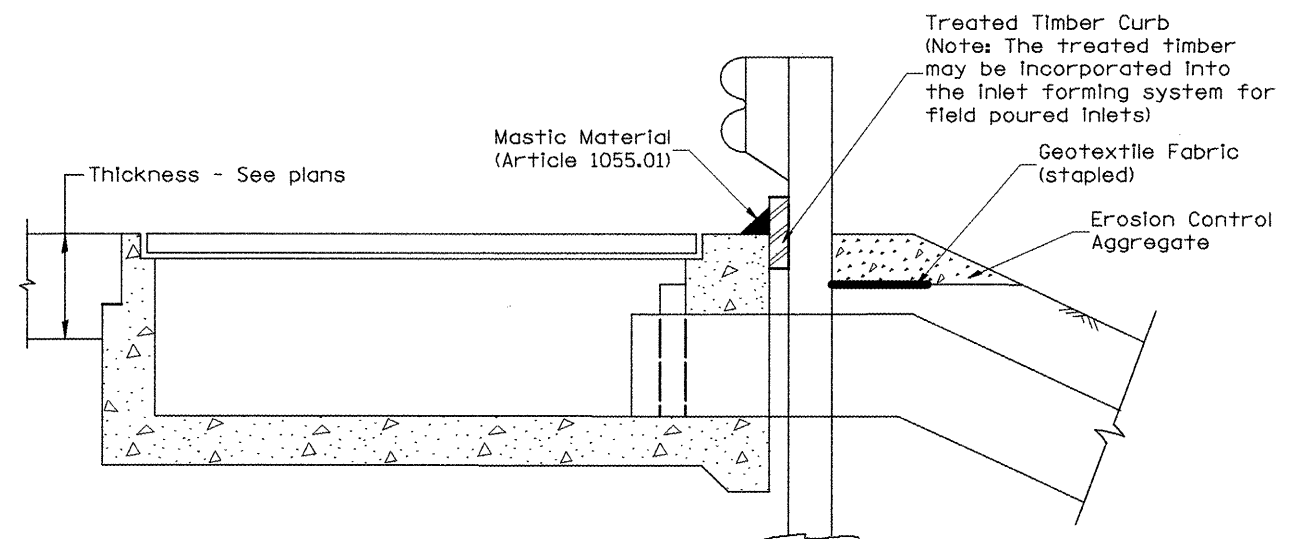
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	20
CONTRACT NO. 68612				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



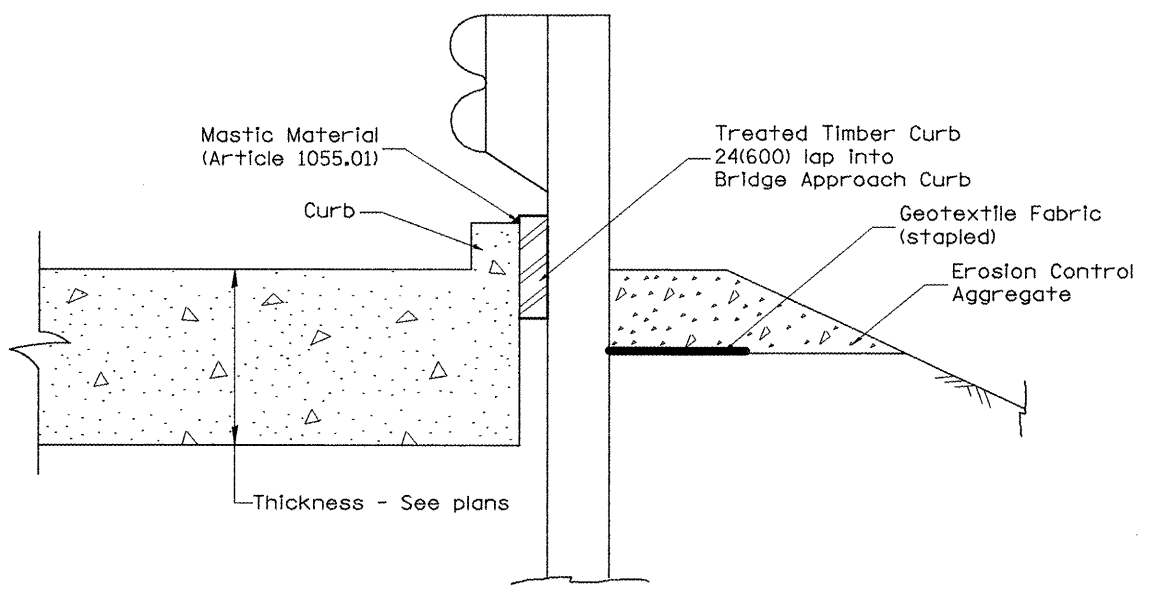
**DETAIL A**  
(Typical Treated Timber Splices)



**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.

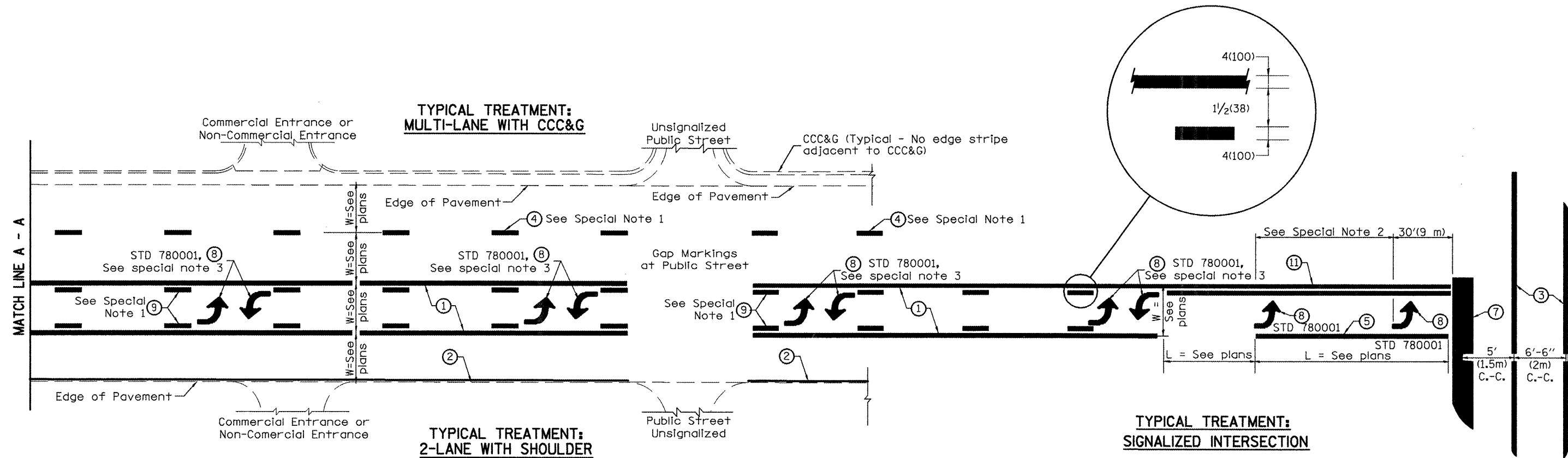
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL EROSION CONTROL TREATMENTS**

NOT TO SCALE

SHT. 2 OF 2  
CADD STD. 630101-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68612	



**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)

**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**

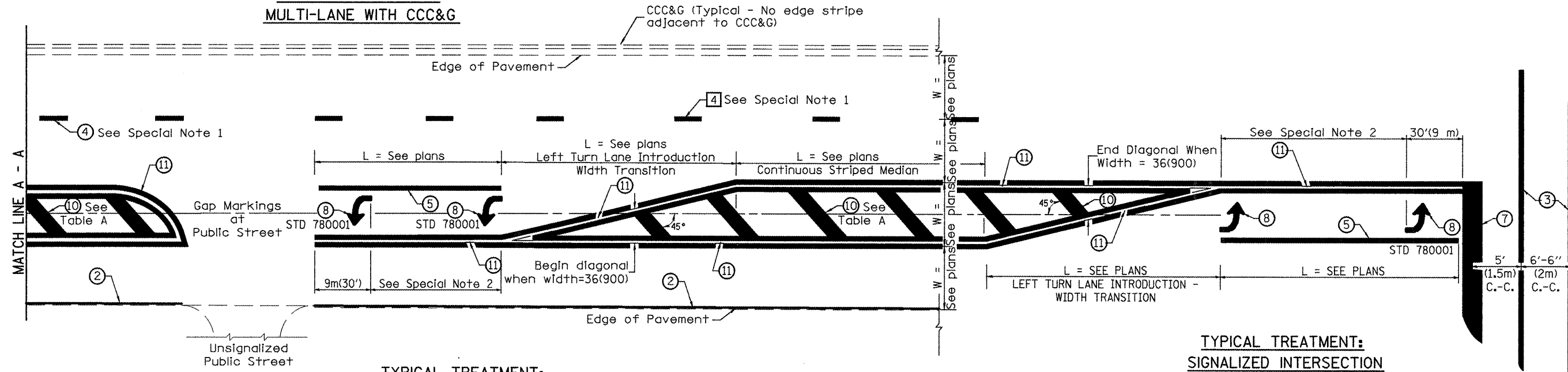
**TYPICAL PAVEMENT MARKINGS**

NOT TO SCALE

SHT. 1 OF 2  
CADD STD. 780001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68612	

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

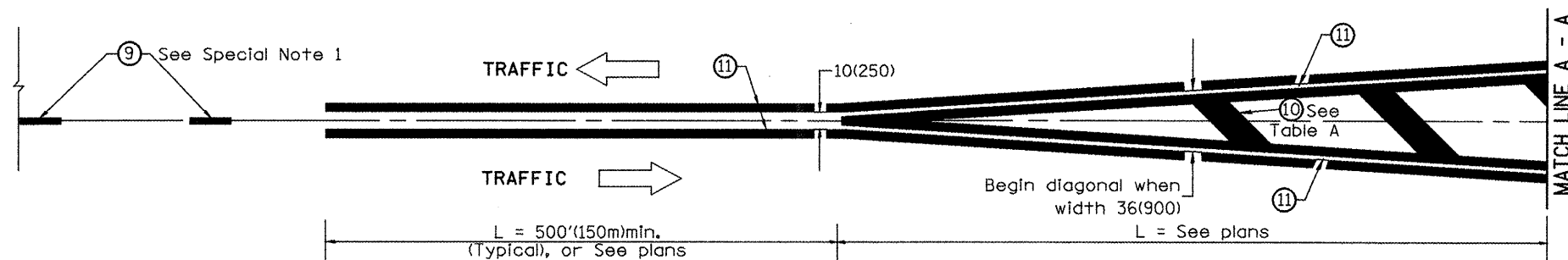


**FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE**

**TABLE A**

**RECOMMENDED SPACING BETWEEN DIAGONAL LINES**

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



**MEDIAN INTRODUCTION - WIDTH TRANSITIONS**

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 2 OF 2  
CADD STD. 780001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	2RS-4, 3RS-3, 7RS-4	PEORIA	23	23
CONTRACT NO. 68612				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		