

PROPOSED HIGHWAY PLANS

FAS ROUTE 1375 (IL 91)
SECTION (8,10)RS-4

TYPE of IMPROVEMENT RESURFACING
PEORIA & STARK COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	18,10RS-4	PEORIA/STARK	33	1
ILLINOIS			CONTRACT NO. 68A95	

INDEX OF SHEETS:

- 1 COVER SHEET
- 2-3 COMMITMENT, GENERAL NOTES AND JOB SPECIFIC
- 4-6 SUMMARY OF QUANTITIES
- 7-10 TYPICAL SECTIONS
- 11-14 SCHEDULE OF QUANTITIES
- 15 LINE DIAGRAM
- 16 -17 INTERSECTIONS RESURFACING DETAILS
- 18-23 ADA RAMPS DETAILS
- 24- 33 DISTRICT STANDARD

HIGHWAY STANDARDS

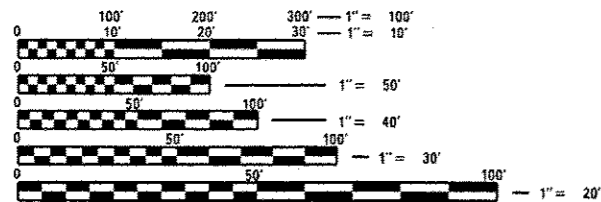
000001-06	701006-05	701801-05
424001-07	701011-04	701901-03
424006-01	701201-04	780001-04
424011-01	701301-04	
424021-02	701306-03	
604051-03	701311-03	
606001-05	701501-06	

* CADD STANDARS

- 406101-D4
- 406201-D4
- 406301-D4
- 406401-D4
- 423002-D4
- 424101-D4
- 440001-D4

* INCLUDED AS PLAN
SHEETS 24-33.

ADT = 2250 (2011)
PV = 94%
MU = 3.5%
SU = 2.5%
MAJOR COLLECTOR (RURAL)
DESIGN (POSTED) SPEED: 55 MPH

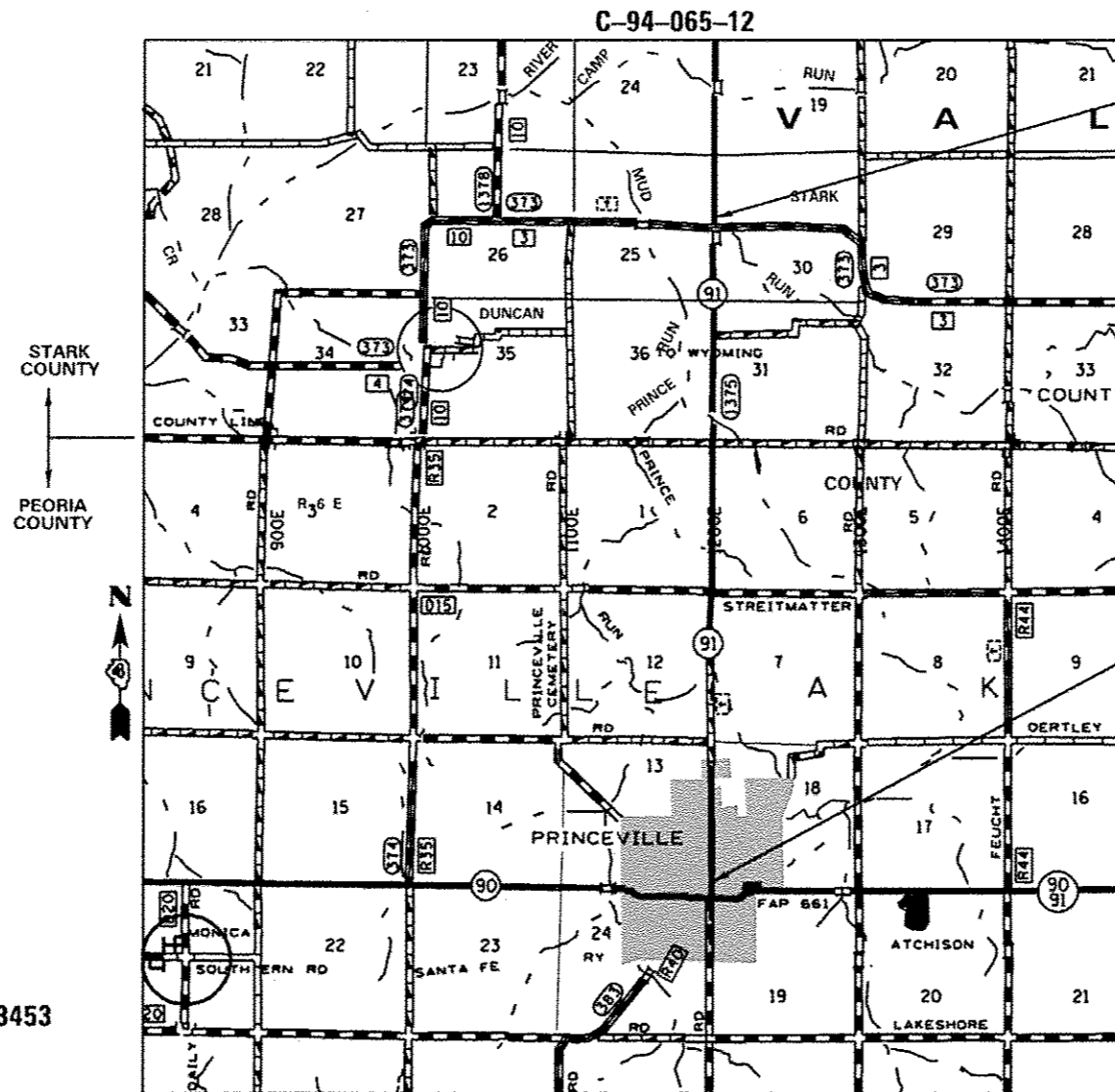


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309)671-3453
PROJECT MANAGER: SOBHI LABABIDI (309) 671-3460

CATALOG NO. 034781-00D
CONTRACT NO. 68A95



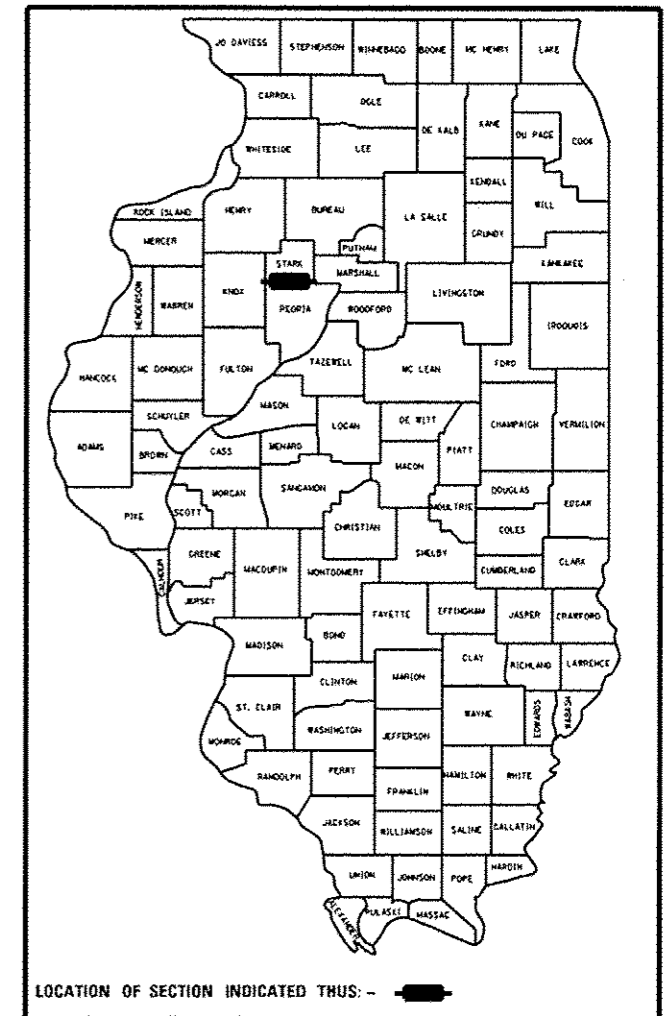
GROSS LENGTH = 24,233 FT. = 4.590 MILE
NET LENGTH = 23,653 FT. = 4.480 MILE

IMPROVEMENT ENDS
STA. 284 + 66

PROJECT DESCRIPTION :
RESURFACING ON IL 91 FROM IL 90 IN PRINCEVILLE
TO STARK-SPEER ROAD

EXISTING STRUCTURES:
SN # 072-0188 (NORTH CREEK)
SN # 088-0028 (PRINCE RUN CREEK)
SN # 088-0023 (MUD CREEK)

IMPROVEMENT BEGINS
STA. 42 + 33



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 13 20 14
Kunal A. Ganett, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 18 20 14
John D. Baranzoli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

July 18 20 14
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Contract 68A95		IL 91 from IL 90 in Princeville to Stark-Speer Road	
The following mixture requirements are applicable for this project:			
Mixture Use(s):	Surface Course	Level Binder 3/4"	Incidental Surface Course
ACPG:	PG 64-22	SBS or SBR 76-22	PG 64-22
RAP% (Max): **	15%	10%	15%
Design Air Voids:	4.0% N=50	4.0% N=50	4.0% N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D (Dolomite only)	N.A.	Mixture C

Note: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures

- SN # 072-0188 (NORTH CREEK)
- SN # 088-0028 (PRINCE RUN CREEK)
- SN # 088-0023 (MUD CREEK)

may be crossed with a,b,c

Options:

- a. loaded MTD
- b. unloaded MTD
- c. milling machine

Any structures not listed above shall be verified by the resident prior to beginning work.

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.

NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

JOB SPECIFIC:

- 1- Any grass areas disturbed due to construction of sidewalks associated with ADA ramps shall be reseeded. The cost of the reseeding shall be included in the cost of P.C. Conc. Sidewalk, 4" pay item.
- 2- Saw cut shall be used for ANY existing CC&G AND side walks removal. The cost of the saw cut shall be included in the associated removal item.
- 3- At the SW corner of IL 91 and High St.; a new Frame and Grate TY11 shall be placed on the existing inlet. Any damage to the existing inlet shall be repaired at the cost of the contractor and to the satisfaction to the resident engineer.
- 4- In order to match the proposed CC&G with the existing pavement; any additional concrete/HMA needed to fill any gaps between the proposed CC&G and the existing pavement shall be included in the cost of the proposed CC&G
- 5- The Resident Engineer shall notify the Traffic Operations Engineer, Anna Ghidina (309-671-4466), 14 days prior to the completion date of the project for pavement marking layout.
- 6- All lanes shall be open to normal traffic at the end of each working day; No overnight lane closure shall be allowed.

QUANTITY CONVERSION FACTORS AND APPLICATION RATE

HOT MIX ASPHALT & AGGREGATE CONVERSION FACTORS	
MATERIAL TYPE	
BIT. SURF. COURSES	112 LB / SQ YD / IN
ALL OTHER BIT.	112 LB / SQ YD / IN
AGGREGATE SHOULDERS	2.05 TONS / CUYD
0.004 TON = 1 GALLON = 8 LB	

FILE NAME = Cover_ON_Line Diagram_Typical.dgn	USER NAME = sub-aygo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						1375	(8,10)RS-4	PEORIA/STARK	33	3	
	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
Default	PLOT DATE = 5/13/2014	DATE -	REVISED -		CONTRACT NO. 68A95									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	100% STATE
				0005	0005
				PEORIA	STARK
				RURAL	RURAL
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	LB	78957	54204	24753
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2825	1970	855
40600895	CONSTRUCTING TEST STRIP	EACH	1	0.67	0.33
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	3069	2302	767
40600990	TEMPORARY RAMP	SO YD	482	352	130
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	6624	4477	2147
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	93	71	22
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	3330	3330	
42400800	DETECTABLE WARNINGS	SO FT	401	401	
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	47418	28250	19168
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	405	405	
44000600	SIDEWALK REMOVAL	SO FT	3155	3155	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1149	643	506
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	100% STATE
				0005	0005
				PEORIA RURAL	STARK RURAL
60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	242	242	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	145	145	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	1.33	0.67
67100100	MOBILIZATION	L SUM	1	0.67	0.33
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.67	0.33
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.67	0.33
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4	3	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	0.67	0.33
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7270	4846	2424
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	76986	52895	24091
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2253	1983	270
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	207	87	120

14

13

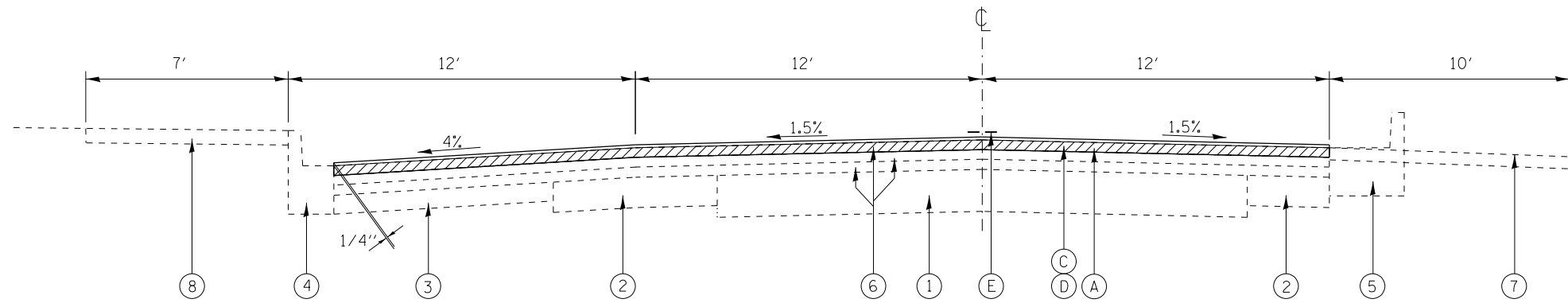
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	100% STATE
				0005	0005
				PEORIA	STARK
				RURAL	RURAL
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	145	88	57
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	808	538	270
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	76986	52895	24091
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2253	1983	270
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	207	87	120
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	145	88	57
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	26587	21573	5014
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	76986	52895	24091
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2253	1983	270
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	207	87	120
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	145	88	57
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	0.67	0.33
Z0034105	MATERIAL TRANSFER DEVICE	TON	6624	4477	2147

* SPECIALTY ITEMS

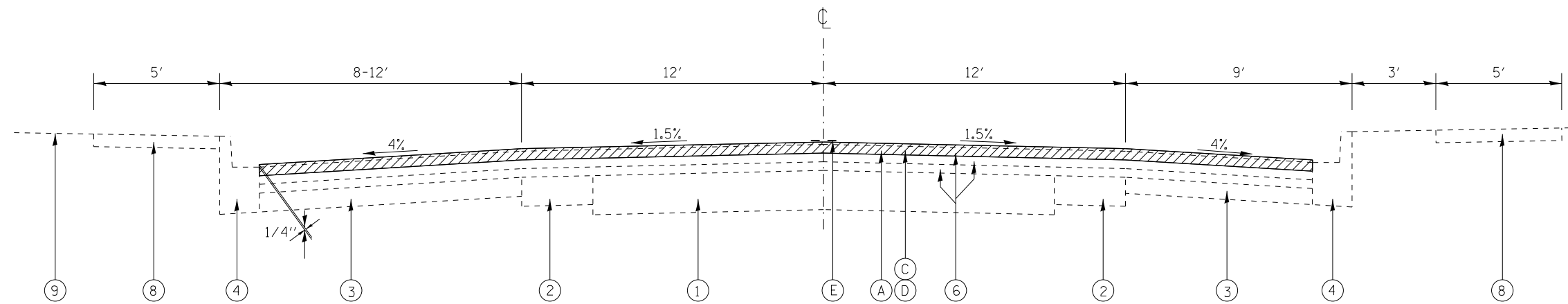
LEGEND

- ① EXIST. 9-6-9 P.C.C. PAVEMENT
- ② EXIST. 9" BIT. BASE CSE. WIDENING
- ③ EXIST. AGG. BASE CSE. TY. B 6"
- ④ EXIST. CONCRETE CURB AND GUTTER TY. B-6.12
- ⑤ EXIST. CONCRETE CURB AND GUTTER TY. B-6.24
- ⑥ EXIST. BIT. SURFACE
- ⑦ EXIST. 6" BIT. ENTRANCE
- ⑧ EXIST. SIDEWALK
- ⑨ EXIST. GRASS SHOULDER
- ⑩ EXIST. AGGREGATE BASE CSE TYPE B, 4"
- ⑪ EXIST. AGGREGATE SHOULDER TYPE B (WEDGE)
- ⑫ EXIST. BIT SHOULDER 8"
- ⑬ EXIST. BIT BASE CSE 10"
- ⑭ EXIST. PIPE UNDERDRAIN 4"

- Ⓐ PROP. HMA. SURFACE REMOVAL VARIABLE DEPTH (2" BELOW GUTTER SECTION)
- Ⓑ PROP. HMA. SURFACE REMOVAL 3/4"
- Ⓒ PROP. HMA. LEV. BINDER CSE. 3/4"
- Ⓓ PROP. HMA. SURFACE CSE. 1 1/2"
- Ⓔ PROP. PAVEMENT MARKINGS
- Ⓕ PROP. AGGREGATE WEDGE SHOULDER, TYPE B



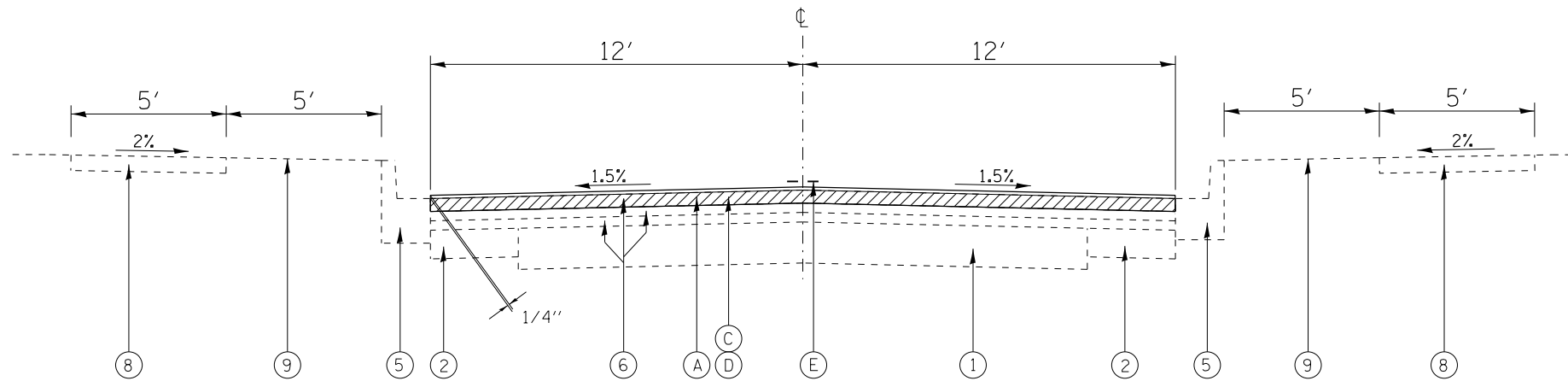
TYPICAL SECTION 1
STA. 42+33 TO STA. 43+87



TYPICAL SECTION 2
STA. 43+87 TO STA. 49+82

NOT TO SCALE

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	PLOT DATE = 6/13/2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68A95				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

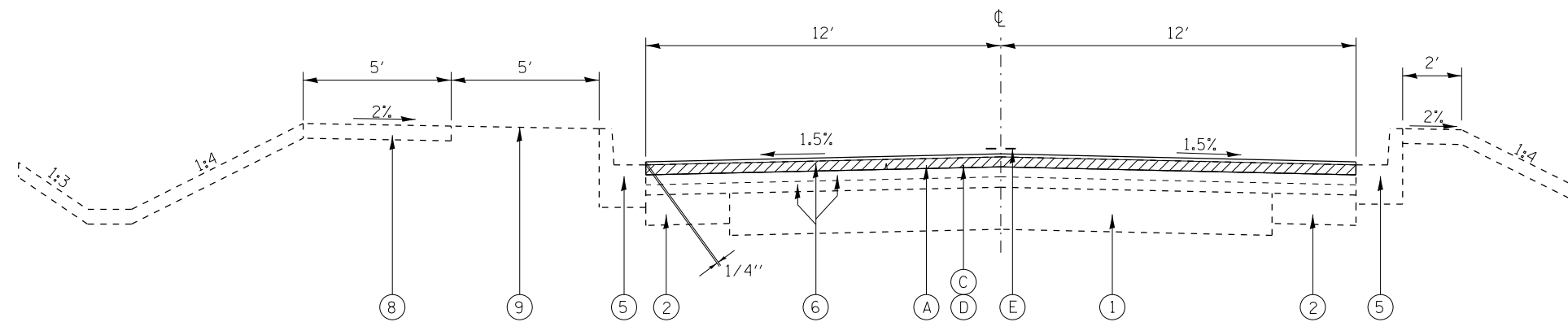


TYPICAL SECTION 3
STA. 49+82 TO STA. 52+80

LEGEND

- ① EXIST. 9-6-9 P.C.C. PAVEMENT
- ② EXIST. 9" BIT. BASE CSE. WIDENING
- ③ EXIST. AGG. BASE CSE. TY. B 6"
- ④ EXIST. CONCRETE CURB AND GUTTER TY. B-6.12
- ⑤ EXIST. CONCRETE CURB AND GUTTER TY. B-6.24
- ⑥ EXIST. BIT. SURFACE
- ⑦ EXIST. 6" BIT. ENTRANCE
- ⑧ EXIST. SIDEWALK
- ⑨ EXIST. GRASS SHOULDER
- ⑩ EXIST. AGGREGATE BASE CSE TYPE B, 4"
- ⑪ EXIST. AGGREGATE SHOULDER TYPE B (WEDGE)
- ⑫ EXIST. BIT SHOULDER 8"
- ⑬ EXIST. BIT BASE CSE 10"
- ⑭ EXIST. PIPE UNDERDRAIN 4"

- Ⓐ PROP. HMA. SURFACE REMOVAL VARIABLE DEPTH (2" BELOW GUTTER SECTION)
- Ⓑ PROP. HMA. SURFACE REMOVAL 3/4"
- Ⓒ PROP. HMA. LEV. BINDER CSE. 3/4"
- Ⓓ PROP. HMA. SURFACE CSE. 1 1/2"
- Ⓔ PROP. PAVEMENT MARKINGS
- Ⓕ PROP. AGGREGATE WEDGE SHOULDER, TYPE B



TYPICAL SECTION 4
STA. 52+80 TO STA. 66+72

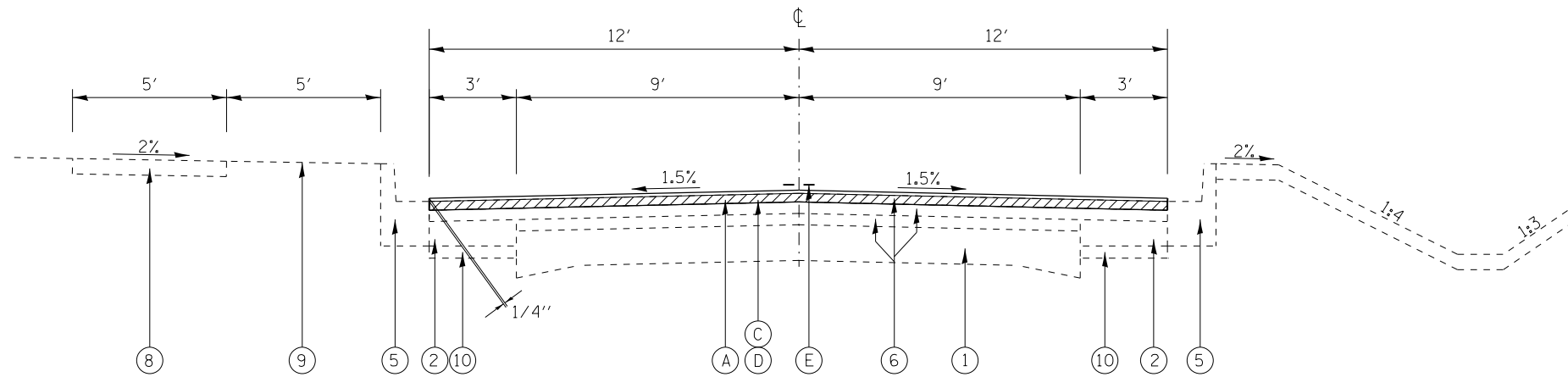
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

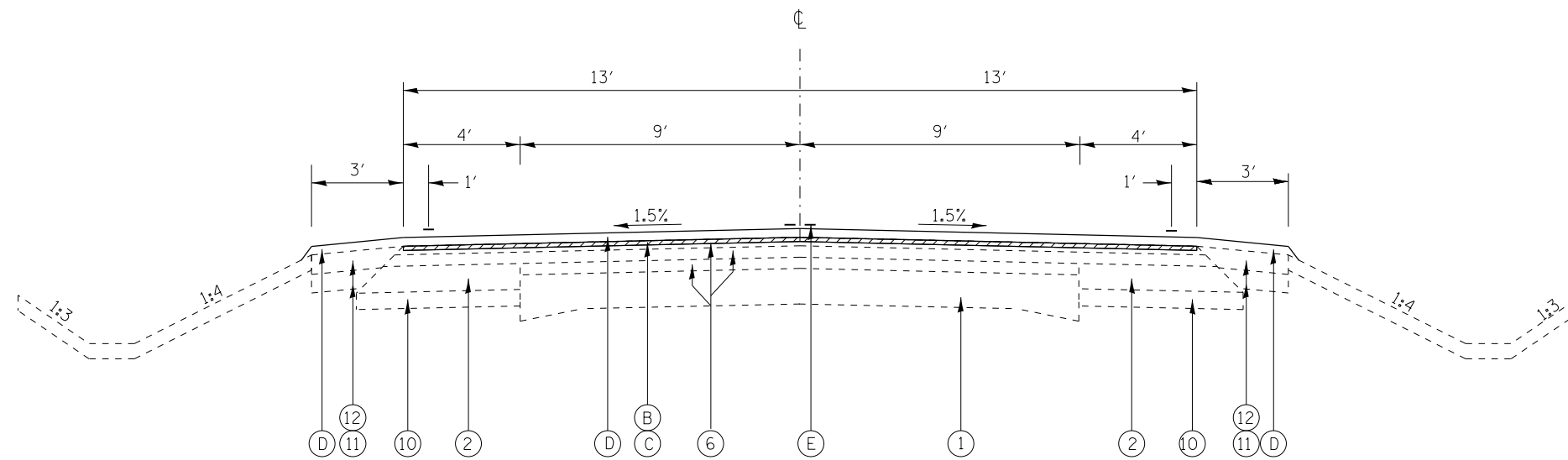
LEGEND

- ① EXIST. 9-6-9 P.C.C. PAVEMENT
- ② EXIST. 9" BIT. BASE CSE. WIDENING
- ③ EXIST. AGG. BASE CSE. TY. B 6"
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- ⑤ EXIST. CONCRETE CURB AND GUTTER TY. B-6.24
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- Ⓑ PROP. HMA. SURFACE REMOVAL 3/4"
- Ⓒ PROP. HMA. LEV. BINDER CSE. 3/4"
- Ⓓ PROP. HMA. SURFACE CSE. 1 1/2"
- Ⓔ PROP. PAVEMENT MARKINGS
- Ⓕ PROP. AGGREGATE WEDGE SHOULDER, TYPE B



TYPICAL SECTION 5
STA. 66+72 TO STA. 70+57



TYPICAL SECTION 6
STA. 70+57 TO STA. 94+48

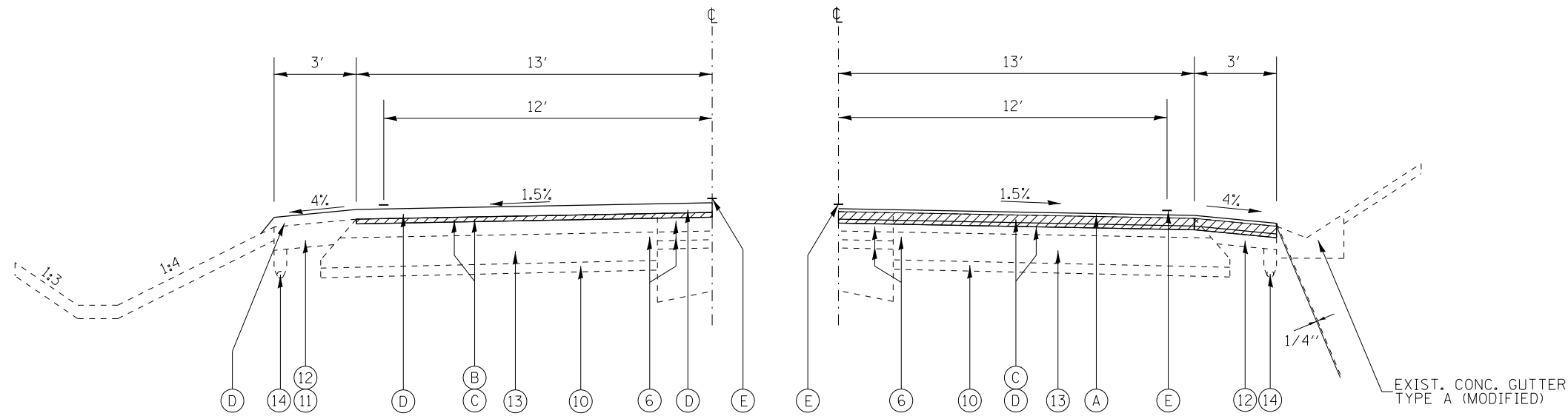
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	PLOT DATE = 6/13/2014	CHECKED -	REVISED -												
		DATE -	REVISED -												
											CONTRACT NO. 68A95			ILLINOIS FED. AID PROJECT	

LEGEND

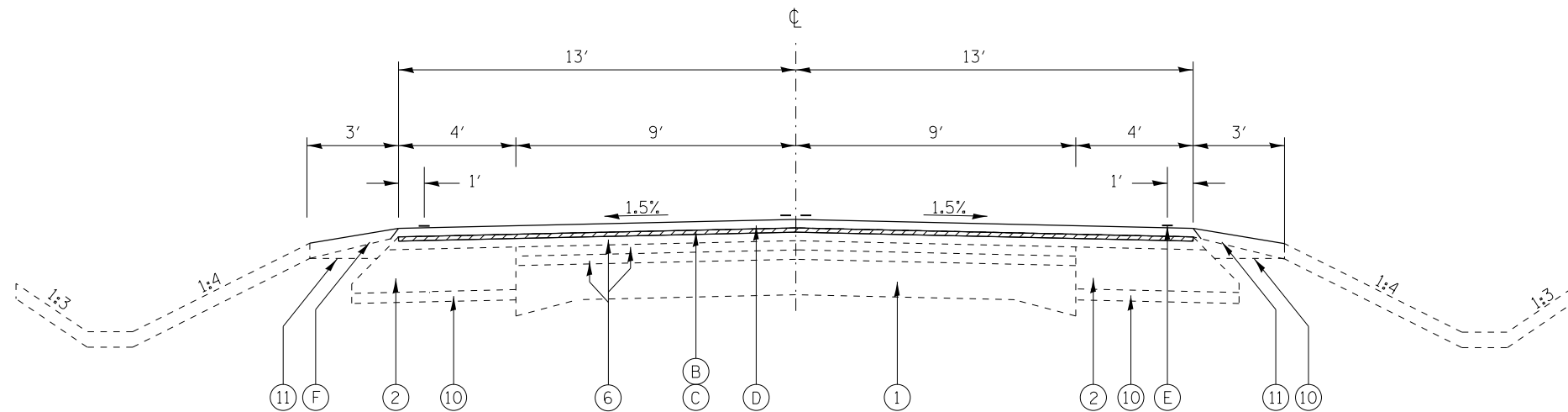
- ① EXIST. 9-6-9 P.C.C. PAVEMENT
- ② EXIST. 9" BIT. BASE CSE. WIDENING
- ③ EXIST. AGG. BASE CSE. TY. B 6"
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- ⑨ EXIST. GRASS SHOULDER
- ⑩ EXIST. AGGREGATE BASE CSE TYPE B, 4"
- ⑪ EXIST. AGGREGATE SHOULDER TYPE B (WEDGE)
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- Ⓐ PROP. HMA. SURFACE REMOVAL VARIABLE DEPTH (2" BELOW GUTTER SECTION)
- Ⓑ PROP. HMA. SURFACE REMOVAL 3/4"
- Ⓒ PROP. HMA. LEV. BINDER CSE. 3/4"
- Ⓓ PROP. HMA. SURFACE CSE. 1 1/2"
- Ⓔ PROP. PAVEMENT MARKINGS
- Ⓕ PROP. AGGREGATE WEDGE SHOULDER, TYPE B



TYPICAL SECTION 7
IL 91 (DITCH SECTION)
STA. 94+48 TO STA. 130+47

TYPICAL SECTION 8
IL 91 (GUTTER SECTION)
STA. 94+48 TO STA. 130+47



TYPICAL SECTION 9
IL 91
STA. 130+47 TO STA. 284+66

NOT TO SCALE

FILE NAME = Cover_GN_Line_Diagram_Typicals.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
Default	PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	1375	(8,10)RS-4	PEORIA/STARK	33	10	
	PLOT DATE = 6/13/2014	CHECKED -	REVISED -														
		DATE -	REVISED -														
												ILLINOIS FED. AID PROJECT					

RESURFACING QUANTITIES FOR SIDE ROADS									
LOCATION	STREET NAME	WIDTH	AREA	HOT MIX ASPHALT SURF REM - BUTT JOINT**	TEMP. RAMP.	HOT MIX ASPHALT SURF REM VAR. DEPTH**	BIT MATLS. PR. CT.	HOT-MIX ASPHALT SURF CSE MIX "D" N50	
RT / LT		FT	SQ YD	SQ YD	SQ YD	SQYD	LB	TON	
PEORIA COUNTY	URBAN SECTION	STA. 43 + 87	Main Street (RT)	50	200	28	208.0	16.80	
		Main Street (LT)	42	95	23	98.8	7.98		
	STA. 46 + 86	Evans Street (RT)	53	200	29	208.0	16.80		
	Evans Street (LT)	39	90	22	93.6	7.56			
	STA. 49 + 82	High Street (RT)	26	120	14	124.8	10.08		
	High Street (LT)	36	150	20	156.0	12.60			
	STA. 52 + 80	North Street (RT)	36	160	20	166.4	13.44		
	North Street (LT) (CONCRETE)	32	0	0	0.0	0.00			
	STA. 65 + 34	Shawn Street (LT)	19	100	11	104.0	8.40		
	STA. 66 + 72	Craig Street (RT)	23	120	13	124.8	10.08		
	STA. 68 + 03	Marlynn Street (LT)	28	130	16	135.2	10.92		
	URBAN SECTION TOTAL				1365	196		1419.6	115.00
RURAL SECTION	STA. 83 + 55	CH 1675 (RT)	18	60	10	48.0	2.52		
	Mendell Road (RT)	19	63	11	88.0	4.20			
	Mendell Road (LT)	27	90	15	88.0	4.20			
	STA. 150 + 45	Streitmatter Road (RT)	27	691	90	15	691	552.8	65.60
	Streitmatter Road (LT)	27	775	90	15	775	620.0	72.66	
RURAL SECTION	STA. 203 + 87	Cedar Bluff Road (RT)	32	107	18	120.0	6.30		
	Cedar Bluff Road (LT)	32	107	18	115.2	6.05			
RURAL SECTION TOTAL				607	101	1466	1632.0	161.53	
TOTAL PEORIA COUNTY				1972	297	1466	4471.2	277	
STARK COUNTY	RURAL SECTION	STA. 243 + 61	TWP. 75 North (RT)	18	60	10	83.2	4.37	
		Duncan Road (RT)	25	778	80	14	778	622.4	65.35
	STA. 283 + 48	Duncan Road (LT)	27	750	80	15	750	600.0	63.00
	RURAL SECTION TOTAL				220	39	1528	1305.6	133
GRAND TOTAL				2192	336	2994	5776.8	409	

* Butt-joints are measured from the edge of the mainline pavement
 * Butt joint starts at the end of the radius return
 ** Mill 1.5" and put back 1.5"

TRAFFIC CONTROL SURVEILLANCE		
LOCATION	CAL DAY	
PEORIA COUNTY	URBAN	1
	RURAL	2
TOTAL PEORIA COUNTY		3
STARK COUNTY	RURAL	1
TOTAL STARK COUNTY		1
TOTAL		4

MATERIAL TRANSFER DEVICE		
LOCATION	TON	
PEORIA COUNTY	URBAN	1,108
	RURAL	3,369
TOTAL PEORIA COUNTY		4,477
STARK COUNTY	RURAL	2,147
TOTAL STARK COUNTY		2,147
TOTAL		6,624

CONSTRUCTION TEST STRIP		
LOCATION	EACH	
PEORIA COUNTY	URBAN	0.15
	RURAL	0.52
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1

ENGINEERING FIELD OFFICE		
LOCATION	CAL MO	
PEORIA COUNTY	URBAN	0.30
	RURAL	1.03
TOTAL PEORIA COUNTY		1.33
STARK COUNTY	RURAL	0.67
TOTAL STARK COUNTY		0.67
TOTAL		2

RESURFACING QUANTITIES FOR CE / PE / FE / MAILBOX							
LOCATION	STA.	AREA		BIT MATLS.	INCIDENTAL HOT-MIX ASPHALT SURFACING	ENTRANCE TYPE	
	RT /	SQ FT	SQ YD	LB	(1 1/2")		
					TON		
PEORIA COUNTY	URBAN SECTION	LT STA. 72 + 73	463	51.44	4.1156	4.32	COMMERCIAL
		LT STA. 75 + 99	654	72.67	5.8133	6.10	COMMERCIAL
		LT STA. 76 + 49	643	71.44	5.7156	6.00	COMMERCIAL
		RT STA. 77 + 58	141	15.67	1.2533	1.32	PRIVATE
		RT STA. 78 + 08	218	24.22	1.9378	2.03	PRIVATE
URBAN SECTION TOTAL				18.8356	19.78		
PEORIA COUNTY	RURAL SECTION	LT STA. 83 + 53	191	21.22	1.6978	1.78	PEMAILBOX
		LT STA. 95 + 49	222	24.67	1.9733	2.07	COMMERCIAL
		RT STA. 101 + 50	128	14.22	1.1378	1.19	PRIVATE
		LT STA. 101 + 56	179	19.89	1.5911	1.67	MAIL BOX
		LT STA. 104 + 20	1108	123.11	9.8489	10.34	PRIVATE
		RT STA. 104 + 70	246	27.33	2.1867	2.30	PEMAILBOX
		LT STA. 114 + 65	147	16.33	1.3067	1.37	PRIVATE
		LT STA. 117 + 31	240	26.67	2.1333	2.24	PRIVATE
		LT STA. 125 + 02	170	18.89	1.5111	1.59	PRIVATE
		RT STA. 135 + 67	223	24.78	1.9822	2.08	PEMAILBOX
		RT STA. 137 + 71	118	13.06	1.0444	1.10	PRIVATE
		RT STA. 140 + 78	1208	134.22	10.7378	11.27	PRIVATE
		RT STA. 158 + 60	138	15.33	1.2267	1.29	FIELD
		LT STA. 163 + 92	134	14.89	1.1911	1.25	FIELD
		LT STA. 165 + 56	135	15.00	1.2000	1.26	FIELD
RT STA. 165 + 65	193	21.44	1.7156	1.80	PEMAILBOX		
LT STA. 176 + 73	167	18.56	1.4844	1.56	PRIVATE		
LT STA. 177 + 30	168	18.67	1.4933	1.57	PRIVATE		
RT STA. 177 + 40	214	23.78	1.9022	2.00	PEMAILBOX		
LT STA. 186 + 34	103	11.44	0.9156	0.96	FIELD		
RURAL SECTION TOTAL				48.2800	50.69		
TOTAL PEORIA COUNTY				67.1156	71.00		
STARK COUNTY	RURAL SECTION	LT STA. 206 + 00	250	27.78	2.2222	2.33	COMMERCIAL
		LT STA. 221 + 45	135	15.00	1.2000	1.26	FIELD
		RT STA. 221 + 45	135	15.00	1.2000	1.26	FIELD
		RT STA. 230 + 26	135	15.00	1.2000	1.26	FIELD
		LT STA. 230 + 46	135	15.00	1.2000	1.26	FIELD
		LT STA. 234 + 51	165	18.33	1.4667	1.54	PRIVATE
		RT STA. 234 + 79	195	21.67	1.7333	1.82	MAIL BOX
		LT STA. 235 + 40	103	11.44	0.9156	0.96	PRIVATE
		LT STA. 241 + 32	300	33.33	2.6667	2.80	FIELD
		RT STA. 251 + 83	136	15.11	1.2089	1.27	FIELD
LT STA. 256 + 75	135	15.00	1.2000	1.26	FIELD		
RT STA. 265 + 96	135	15.00	1.2000	1.26	FIELD		
LT STA. 276 + 47	150	16.67	1.3333	1.40	PEMAILBOX		
RT STA. 276 + 56	232	25.78	2.0622	2.17	PEMAILBOX		
TOTAL STARK COUNTY				20.81	22		
GRAND TOTAL				87.92	93.00		

TRAFFIC CONTROL & PROTECTION STD 701201		
LOCATION	L SUM	
PEORIA COUNTY	URBAN	0.15
	RURAL	0.52
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1

TRAFFIC CONTROL & PROTECTION STD 701306		
LOCATION		L SUM
PEORIA COUNTY	URBAN	0.15
	RURAL	0.52
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1

TRAFFIC CONTROL & PROTECTION STD 701501		
LOCATION		L SUM
PEORIA COUNTY	URBAN	1.00
	RURAL	0.00
TOTAL PEORIA COUNTY		1.00
STARK COUNTY	RURAL	0.00
TOTAL STARK COUNTY		0.00
TOTAL		1

TRAFFIC CONTROL & PROTECTION STD 701801		
LOCATION		L SUM
PEORIA COUNTY	URBAN	1.00
	RURAL	0.00
TOTAL PEORIA COUNTY		1.00
STARK COUNTY	RURAL	0.00
TOTAL STARK COUNTY		0.00
TOTAL		1

MOBILIZATION		
LOCATION		EACH
PEORIA COUNTY	URBAN	0.15
	RURAL	0.52
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1

CONSTRUCTION STATION LAYOUT		
LOCATION		L SUM
PEORIA COUNTY	URBAN	0.15
	RURAL	0.52
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1

CHANGEABLE MESSAGE SIGN		
LOCATION		CAL MO
PEORIA COUNTY	URBAN	0.67
	RURAL	
TOTAL PEORIA COUNTY		0.67
STARK COUNTY	RURAL	0.33
TOTAL STARK COUNTY		0.33
TOTAL		1.00

TWO BOARDS FOR TWO WEEKS ONE AT EACH END OF THE JOB

TABULATION FOR: 1. MODIFIED URETHANE PAVEMENT MARKING LINE 4" 2. TEMPORARY PAVEMENT MARKING LINE 4", 8", 24" 3. GROOVING FOR RECESSED PAVEMENT MARKING															
LOCATION	EDGE LINE SOLID (WHITE)	EDGE LINE SOLID (WHITE)	CENTERLINE			GROOVING FOR RECESSED PAVEMENT MARKING 5"	STOP BAR SOLID (WHITE)		GROOVING FOR RECESSED PAVEMENT MARKING 25"	SOLID WHITE AROUND MEDIANS			GROOVING FOR RECESSED PAVEMENT MARKING 13"	CROSS WALK / PARKING LANES (WHITE)	GROOVING FOR RECESSED PAVEMENT MARKING 9"
			SOLID (YELLOW)	SOLID (YELLOW)	SKIP-DASH (YELLOW)*		(24")			(12")					
			(4")	(4")	(4")		LEFT	RIGHT		FT	RT/LT	FT			
	LEFT	RIGHT	LEFT	RIGHT	CENTER	FT	FT	FT	FT	FT	FT	FT	FT	FT	
PEORIA COUNTY	FROM STA. 42+33 TO STA. 79+14	FROM STA. 42+33 TO STA. 79+14	105	105											
	STA. 44+30 To STA. 49+45		515	515											
	STA. 50+27 To STA. 52+30		203	203											
	STA. 53+26 To STA. 64+90		1165	1165											
	STA. 65+69 To STA. 66+28		59	59											
	STA. 67+10 To STA. 67+56		46	46											
	STA. 68+45 To STA. 79+14		1070	1070											
URBAN SECTION	IL 91 & MAIN ST INTERSECTION														
	IL 91 & EVANS ST INTERSECTION														
	IL 91 & HIGH ST INTERSECTION														
	IL 91 & NORTH ST INTERSECTION														
	IL 91 & SHAWN ST INTERSECTION														
	IL 91 & MARLYNN ST INTERSECTION														
	PARKING LANES														
	BEGINNING OF PROJECT TO MAIN ST														
	MAIN ST TO EVANS ST														
	EVANS ST TO HIGH ST														
	URBAN SECTION SUB-TOTAL														
	URBAN SECTION TOTAL														
RURAL SECTION	STA. 95+05 To STA. 108+01														
	STA. 108+01 To STA. 141+15														
	STA. 118+02 To STA. 131+63														
	STA. 145+74 To STA. 157+06														
	STA. 149+52 To STA. 166+74														
	STA. 166+74 To STA. 175+60														
	STA. 175+60 To STA. 185+44														
	STA. 194+63 To STA. 203+85														
	STA. 203+16 To STA. 203+88														
	STA. 79+14 To STA. 118+02	STA. 79+14 TO STA. 203+87	STA. 79+14 TO STA. 203+87												
	STA. 131+63 To STA. 149+52														
	STA. 157+06 To STA. 203+16														
STA. 96+85 TO STA. 97+02															
STA. 97+02 TO STA. 97+17															
STA. 203+66 TO STA. 203+86															
Streitmatter Road (ISLAND) LT															
Streitmatter Road (ISLAND) RT															
RURAL SECTION SUB TOTAL															
RURAL SECTION TOTAL															
PEORIA COUNTY TOTAL															
STARK COUNTY	STA. 203+87 To STA. 204+20														
	STA. 203+87 To STA. 214+86														
	STA. 215+35 To STA. 224+05														
	STA. 225+20 To STA. 234+05														
	STA. 240+94 To STA. 248+65														
	STA. 250+13 To STA. 255+87														
	STA. 258+00 To STA. 266+70														
	STA. 266+70 To STA. 274+90														
STA. 203+86 TO STA. 204+07															
Duncan Road (ISLAND) LT															
Duncan Road (ISLAND) RT															
RURAL SECTION SUB-TOTAL															
RURAL SECTION TOTAL															
STARK COUNTY TOTAL															
TOTAL															

SCHEDULE FOR ADA UPGRADES AT SIDEROADS								
LOCATION	QUADRANT	COMB CURB GUTTER REM	COMB CC&G TB6.12	COMB CC&G TB6.24	SIDEWALK REM	PC CONC SIDEWALK, 4"	DETECTABLE WARNING	FRAME AND GRATE, TY 11
		FT	FT	FT	SQ FT	SQ FT	SQ FT	EACH
MAIN STREET STA 43+87	(NW)	37	35	-	145	165	16	-
	(NE)	32	30	-	280	250	8	-
	(SW)	32	32	-	360	360	20	-
	(SE)	31	-	31	300	300	8	-
EVANS STREET STA 46+85	(NW)	35	35	-	260	270	40	-
	(NE)	42	42	-	205	205	10	-
	(SW)	12	12	-	55	120	16	-
HIGH STREET STA 49+82	(SE)	52	38	-	125	210	8	-
	(NW)	45	-	45	325	330	55	-
	(NE)	27	-	27	200	170	10	-
NORTH STREET STA 52+80	(SW)	7	7	-	80	95	8	1
	(SE)	11	11	-	115	115	115	-
	(NW)	-	-	-	-	-	-	-
SHAWN STREET STA 65+34	(NE)	18	-	18	100	115	15	-
	(SW)	3	-	3	125	110	10	-
	(SE)	21	-	21	140	175	30	-
CRAIG STREET STA 66+72	(NW)	-	-	-	85	85	8	-
	(NE)	-	-	-	-	-	-	-
	(SW)	-	-	-	85	85	8	-
MARLYNN STREET STA 68+03	(SE)	-	-	-	-	-	-	-
	(NW)	-	-	-	85	85	8	-
	(NE)	-	-	-	-	-	-	-
TOTAL	(SW)	-	-	-	85	85	8	-
	(SE)	-	-	-	-	-	-	-
	(NW)	-	-	-	-	-	-	-
TOTAL		405	242	145	3155	3330	401	1

SHORT TERM PAVEMENT MARKING *					
		STA.	TO	STA.	FT
PEORIA COUNTY	URBAN	STA. 42+33	TO	STA. 79+14	1,104
	RURAL	STA. 79+14	TO	STA. 203+87	3,742
TOTAL PEORIA COUNTY					4,846
STARK COUNTY	RURAL	STA. 203+87	TO	STA. 284+66	2,424
TOTAL STARK COUNTY					2,424
TOTAL					7,270

* 4' EVERY 40' FOR 3 APPLICATIONS

WORK ZONE PAVEMENT MARKINGS REMOVAL					
LOCATION		STA.	TO	STA.	SQ FT
PEORIA COUNTY	URBAN	STA. 42+33	TO	STA. 79+14	123
	RURAL	STA. 79+18	TO	STA. 203+87	416
TOTAL PEORIA COUNTY					538
STARK COUNTY	RURAL	STA. 203+87	TO	STA. 284+66	269
TOTAL STARK COUNTY					270
TOTAL					808

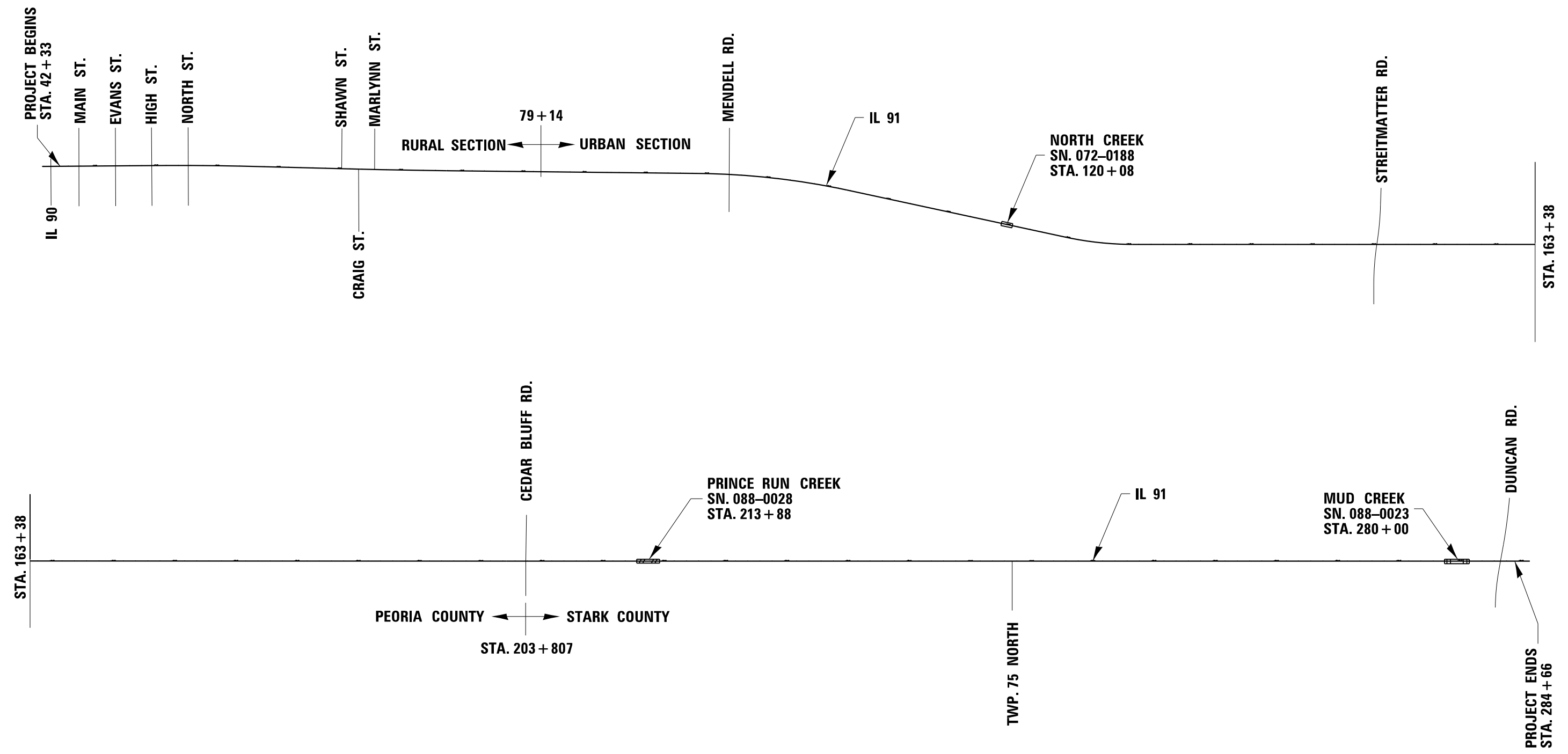
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	PLOT DATE = 6/13/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

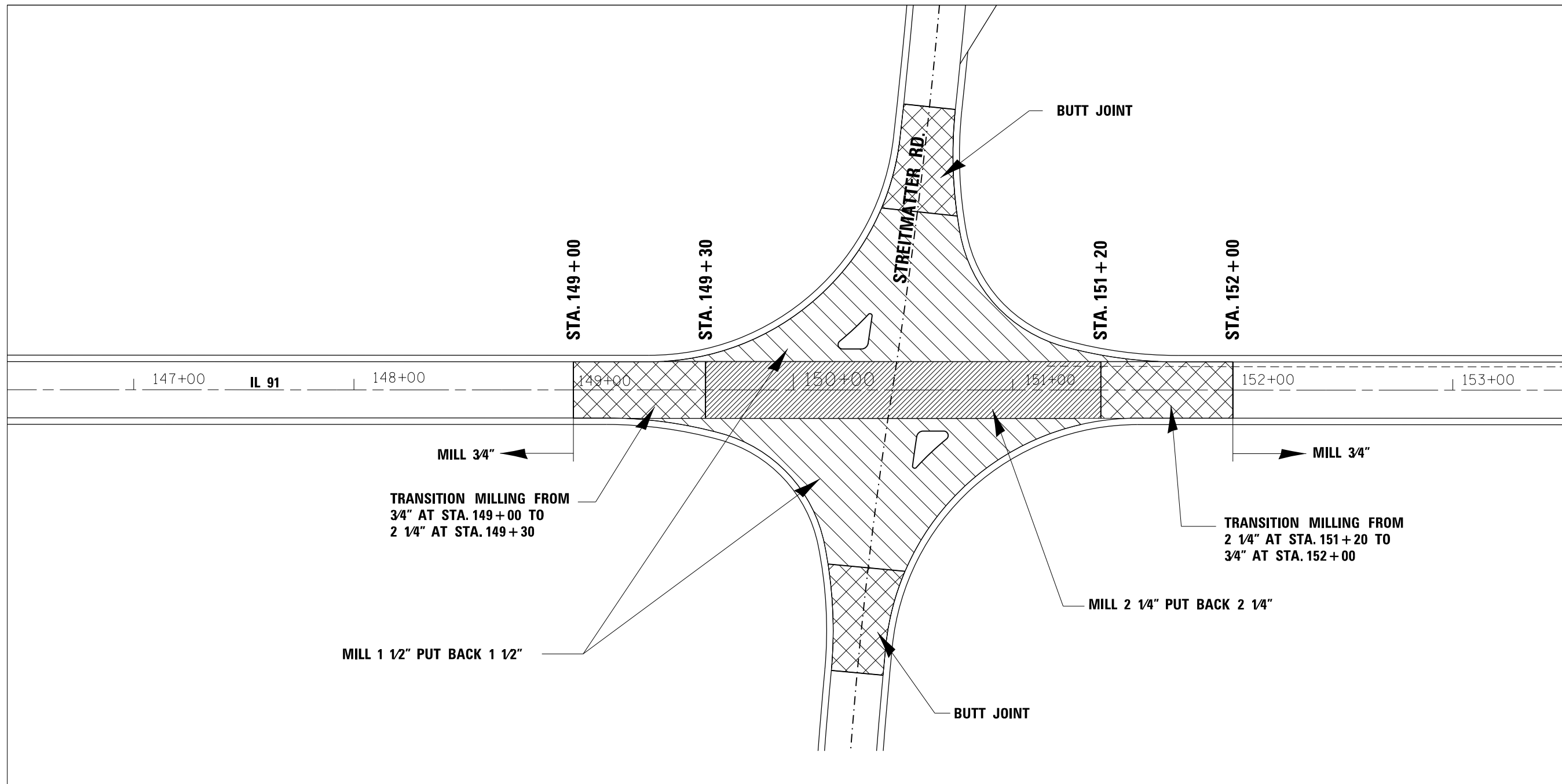
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	14
CONTRACT NO. 68A95			ILLINOIS FED. AID PROJECT	



STRUCTURES OMISSIONS

COUNTY	STRUCTURE NAMES AND NUMBERS	OMISSION			
		STA.	TO	STA.	LENGTH (FT)
PEORIA COUNTY	072-0188 (NORTH CREEK)	STA. 119 + 13	TO	STA. 121 + 03	190
STARK COUNTY	088-0028 (PRINCE RUN CREEK)	STA. 212 + 94	TO	STA. 214 + 81	187
	088-0023 (MUD CREEK)	STA. 278 + 94	TO	STA. 280 + 95	201

NOT TO SCALE



NOT TO SCALE

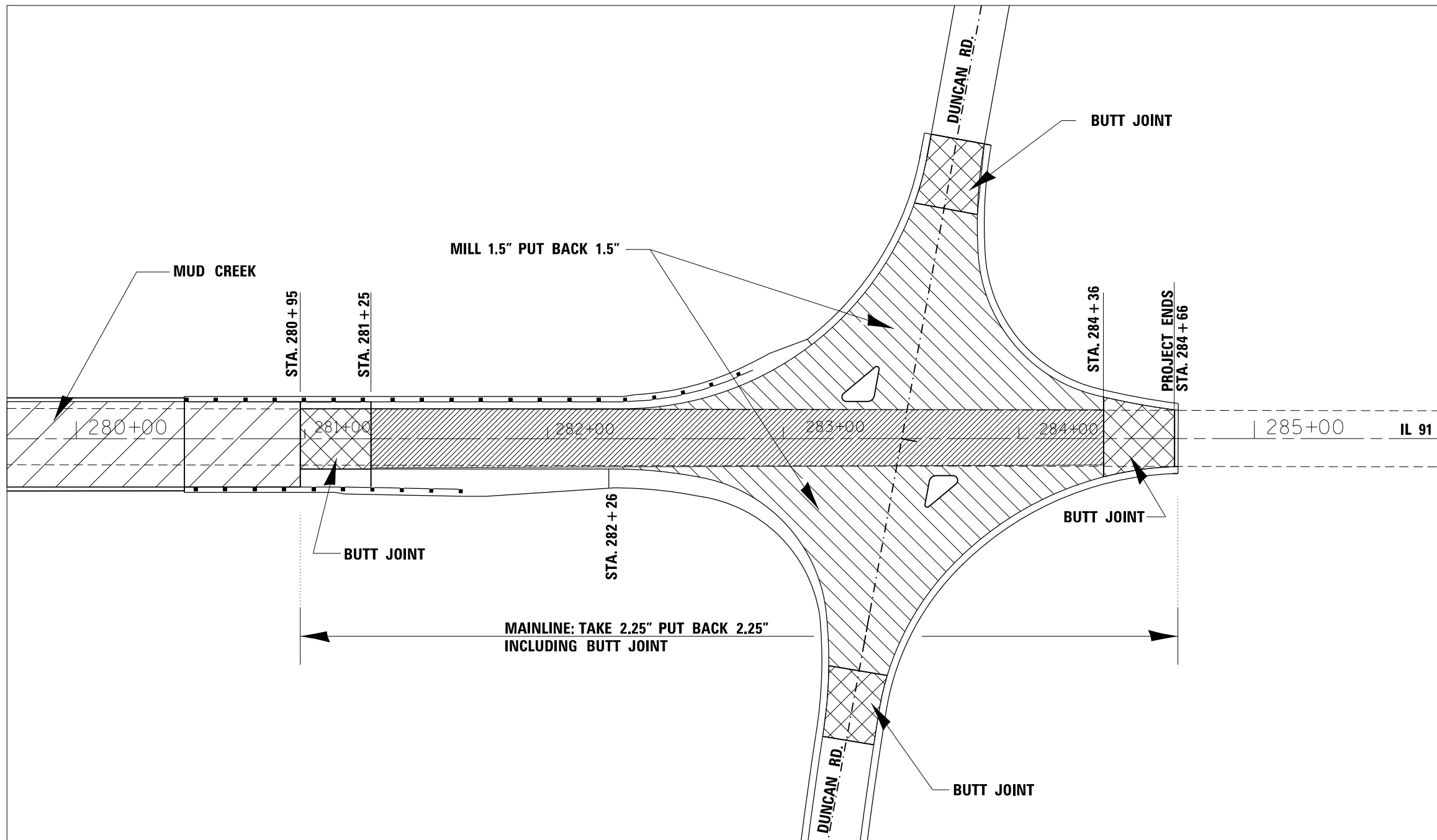
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	PLOT DATE = 6/13/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 91 & STREITMATTER ROAD INTERSECTION
MILLING AND RESURFACING DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	16
CONTRACT NO. 68A95			ILLINOIS FED. AID PROJECT	



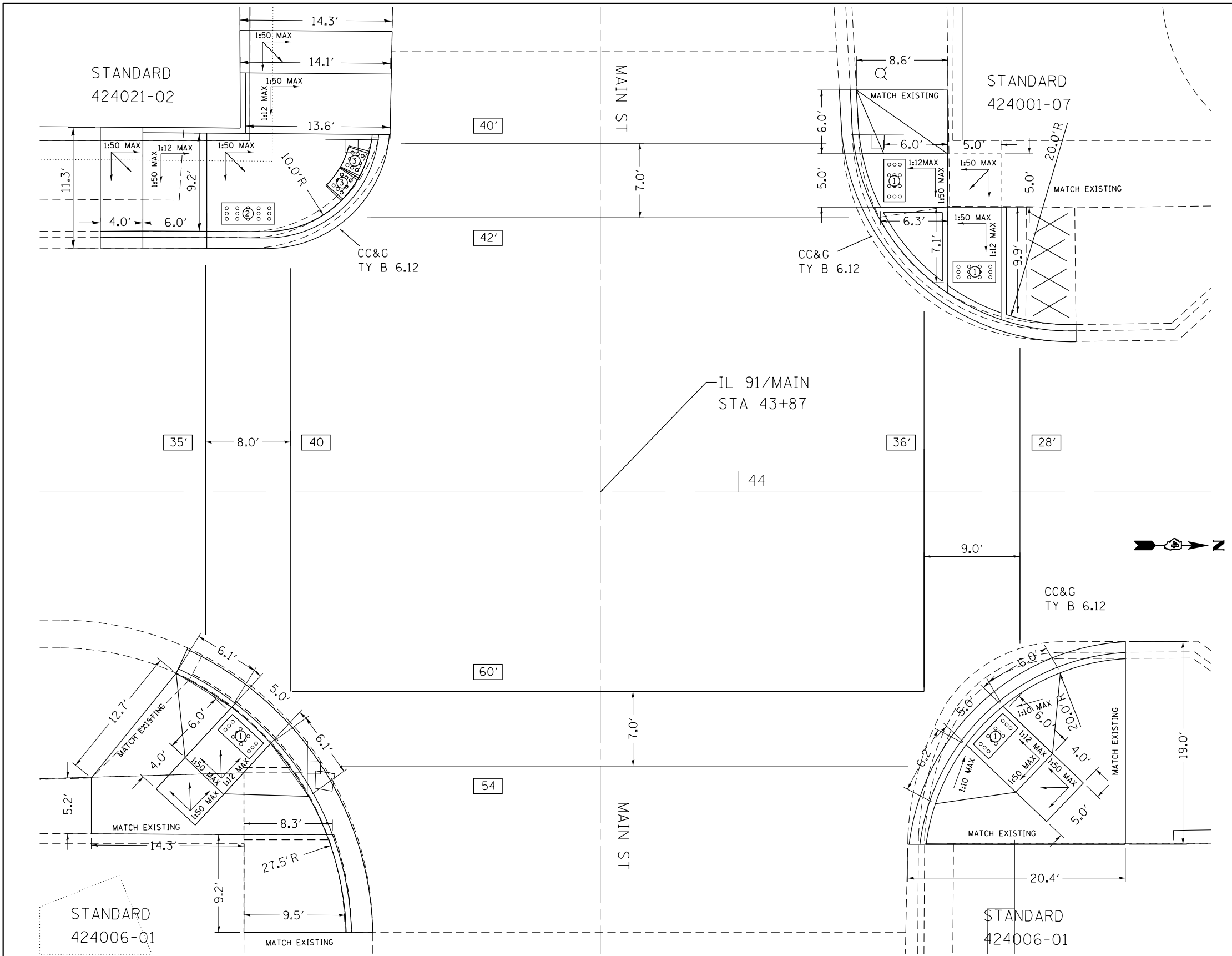
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 91 & DUNCAN ROAD INTERSECTION MILLING AND RESURFACING DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	17
CONTRACT NO. 68A95				
ILLINOIS FED. AID PROJECT				

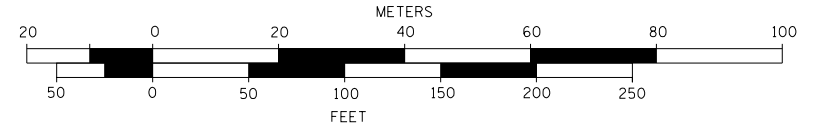


LEGEND
CAST IN PLACE
DETECTABLE WARNINGS

- ① 4' X 2'
- ② 5' X 2'
- ③ 10'-20'
RADIUS
- XX' LENGTH OF 8'
CROSS WALK



GRAPHIC SCALE



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Cover_GN.Line Diagram.Typicals.dgn
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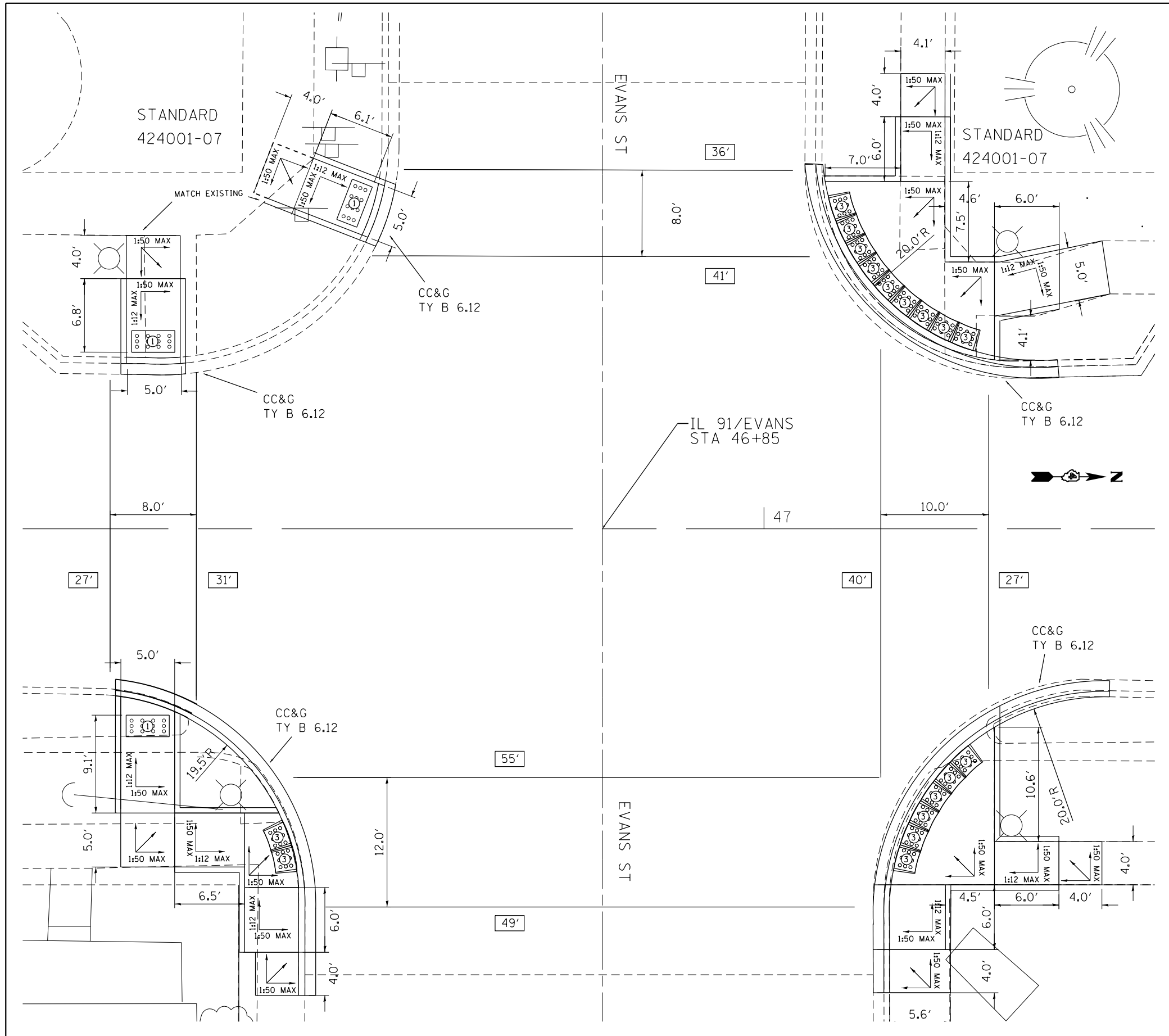
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REVISED -
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
IL 91 / MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

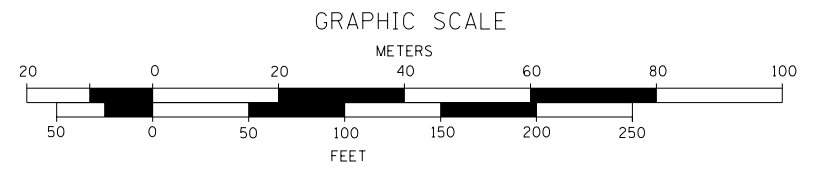
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1375	(8,10)RS-4	PEORIA/STARK	33	18
CONTRACT NO. 68A95				
ILLINOIS FED. AID PROJECT				



LEGEND

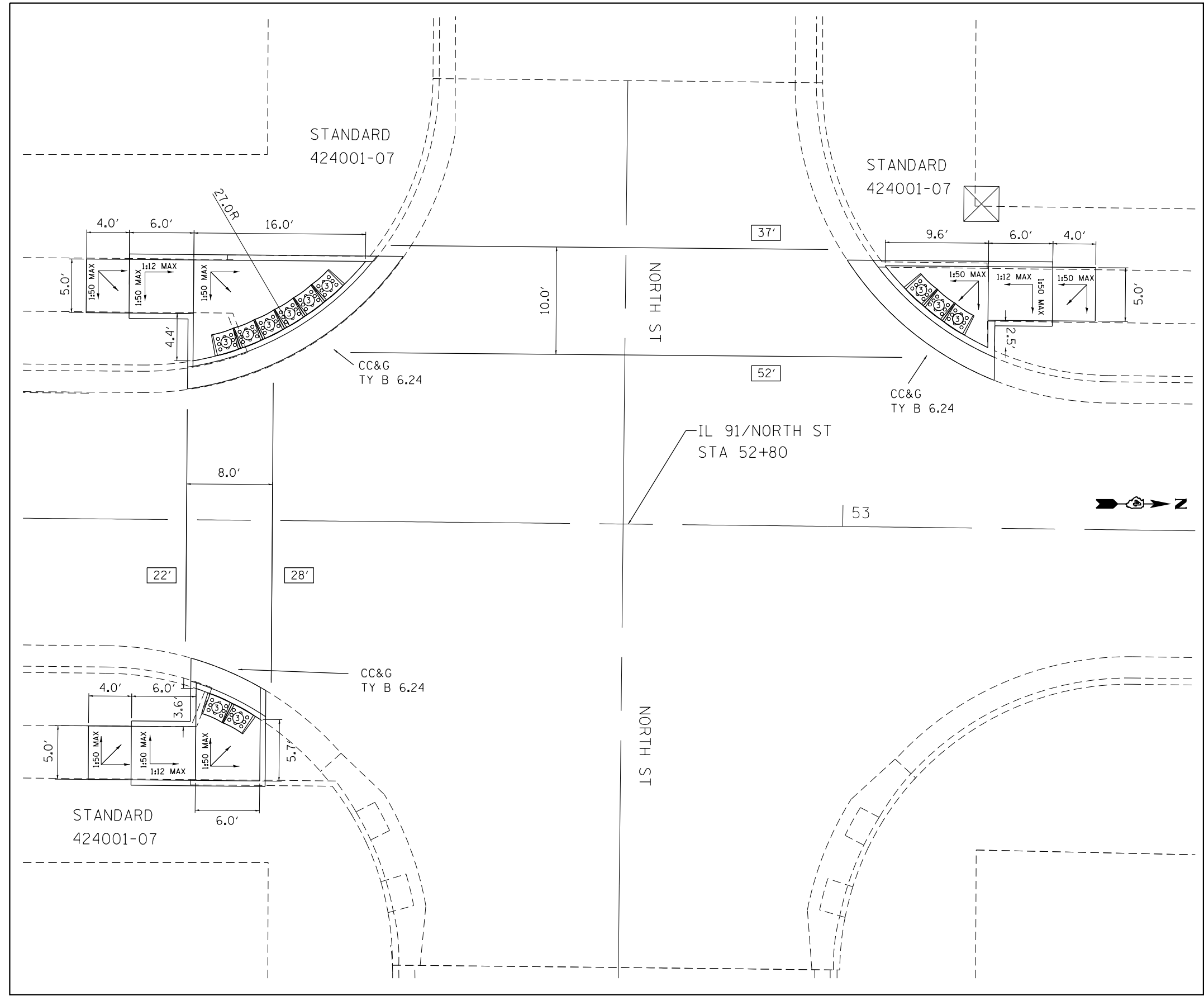
CAST IN PLACE
DETECTABLE WARNINGS

	① 4' X 2'
	② 5' X 2'
	③ 10'-20' RADIUS
	XX' LENGTH OF 8" CROSS WALK



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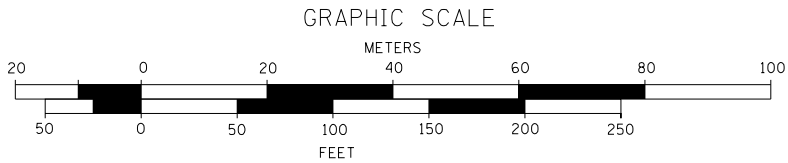
ILLINOIS FED. AID PROJECT
CONTRACT NO. 68A95



LEGEND

CAST IN PLACE
DETECTABLE WARNINGS

- ① 4' X 2'
- ② 5' X 2'
- ③ 10'-20'
RADIUS
- XX' LENGTH OF 8"
CROSS WALK

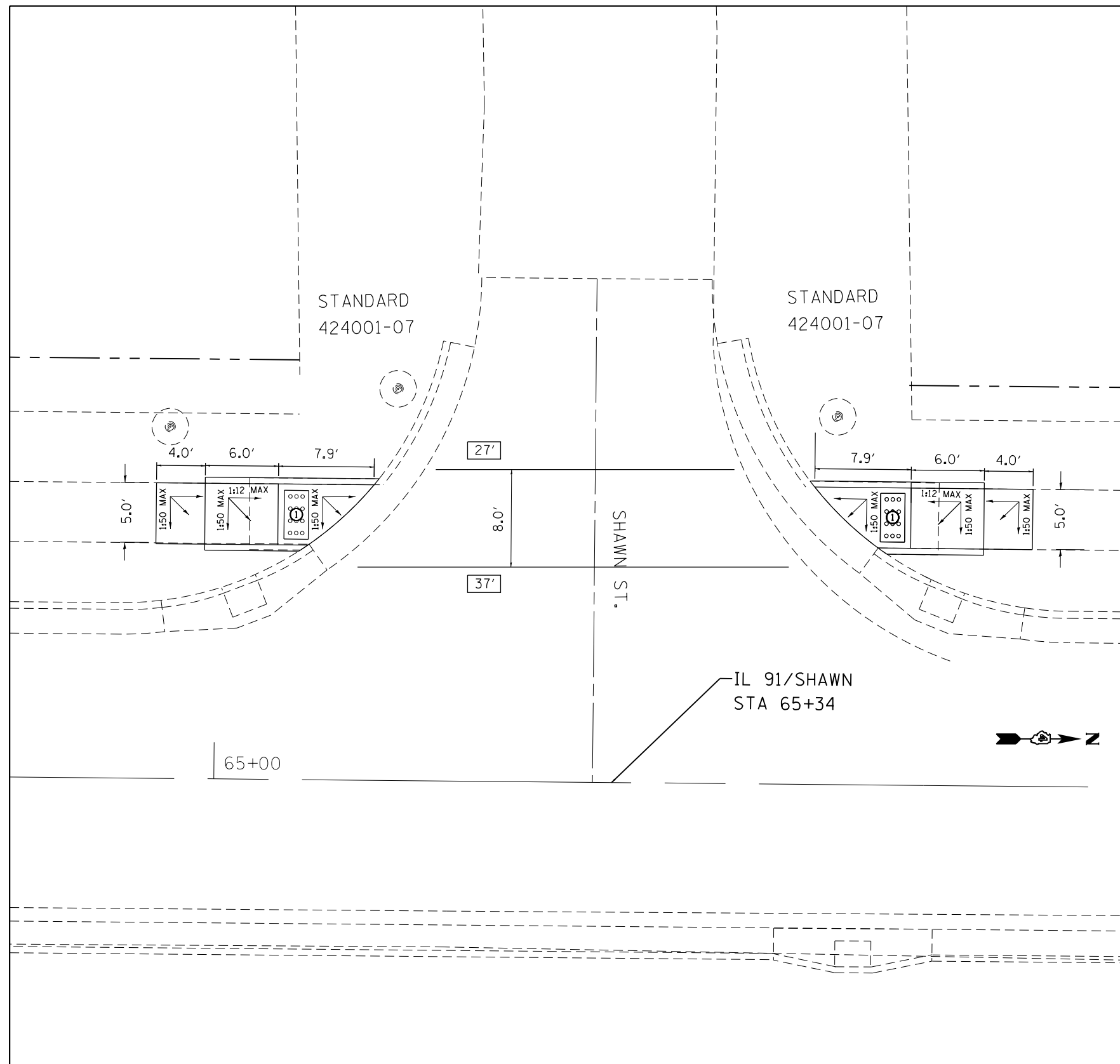


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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL			
IL 91 / NORTH ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

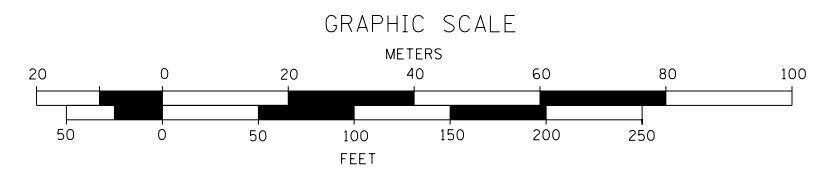
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	21
CONTRACT NO. 68A95				
ILLINOIS FED. AID PROJECT				



LEGEND

CAST IN PLACE
DETECTABLE WARNINGS

	① 4' X 2'
	② 5' X 2'
	③ 10'-20' RADIUS
	LENGTH OF 8" CROSS WALK



FILE NAME = Cover_GN_Line_Diagram_Typicals.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
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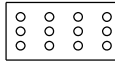
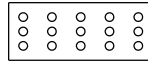


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

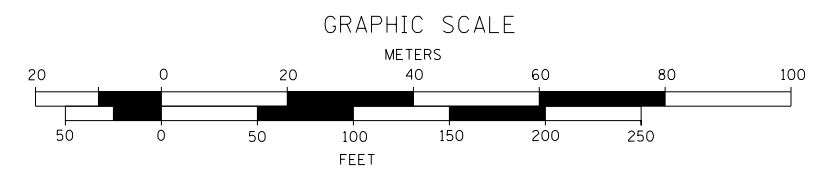
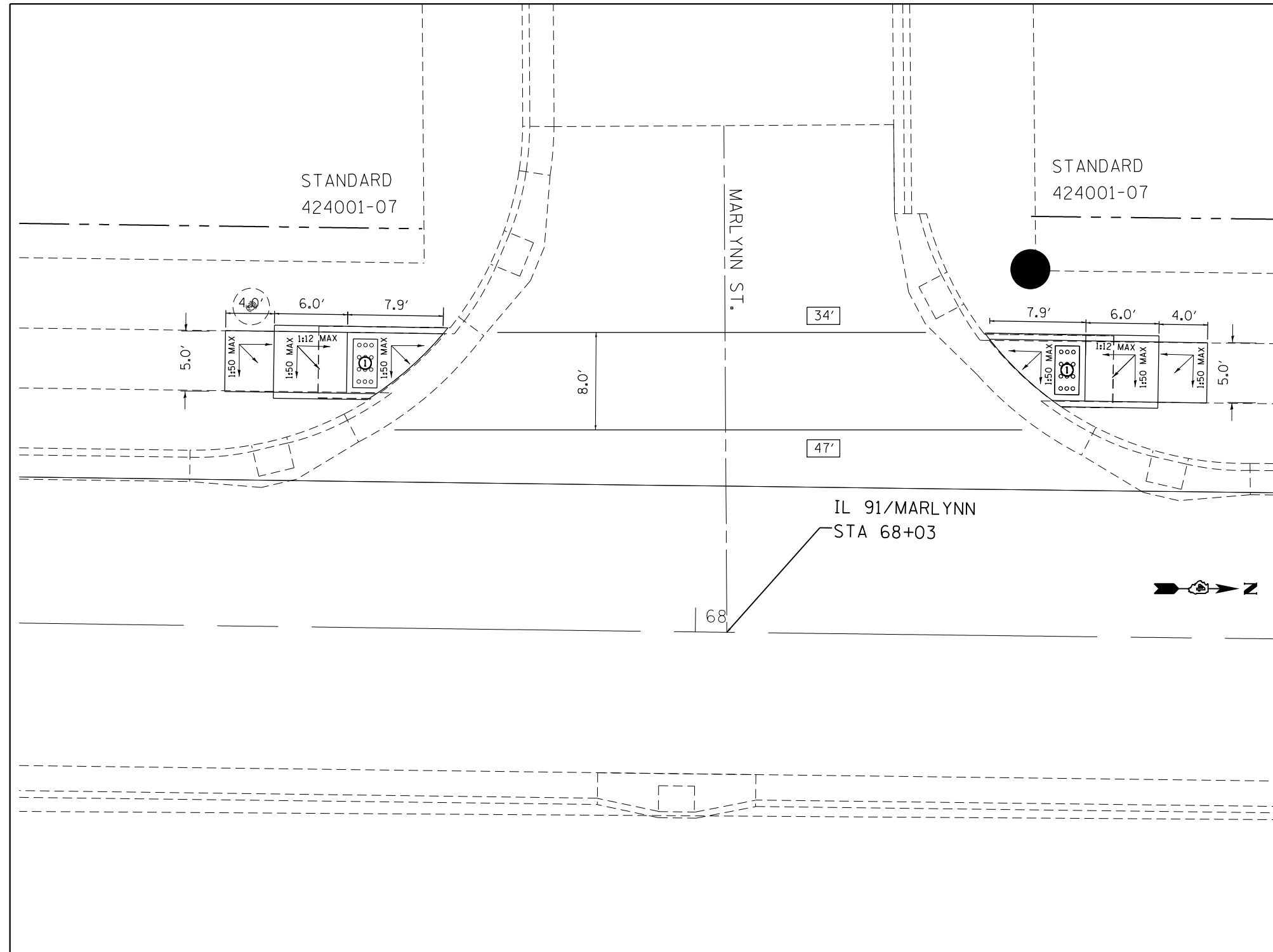
INTERSECTION DETAIL IL 91 / SHAWN ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	22
CONTRACT NO. 68A95				
ILLINOIS FED. AID PROJECT				

LEGEND

CAST IN PLACE
DETECTABLE WARNINGS

-  ① 4' X 2'
-  ② 5' X 2'
-  ③ 10'-20'
RADIUS
-  LENGTH OF 8''
CROSS WALK



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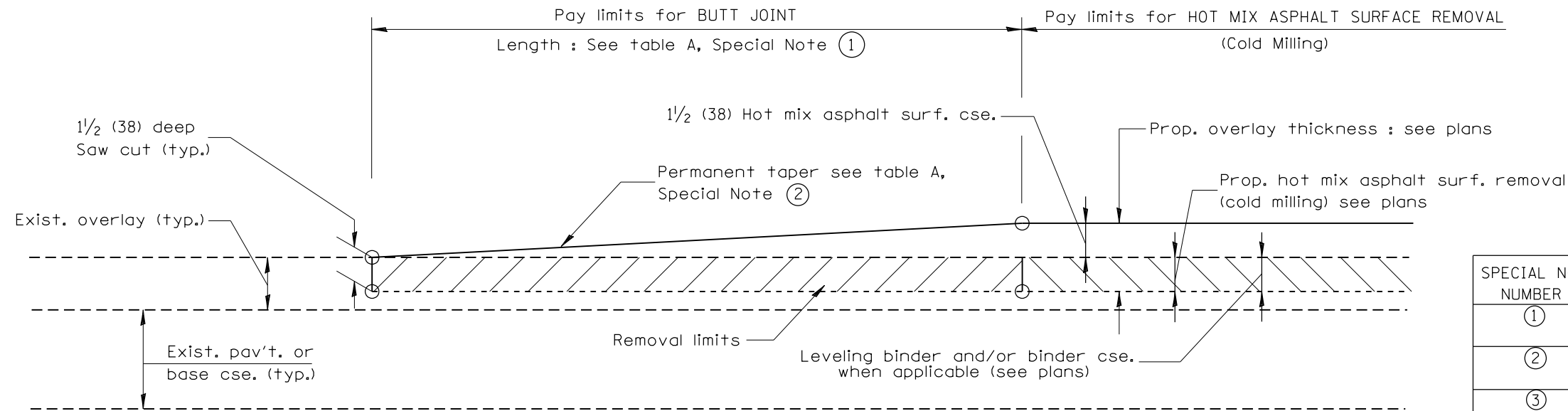
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
IL 91 / MARLYNN ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	23
CONTRACT NO. 68A95				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



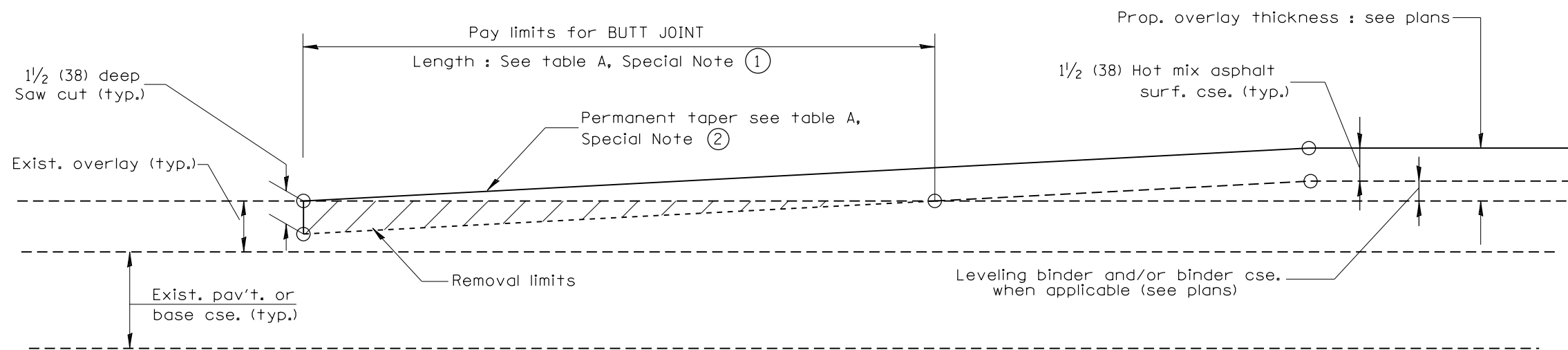
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- 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.
- 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.

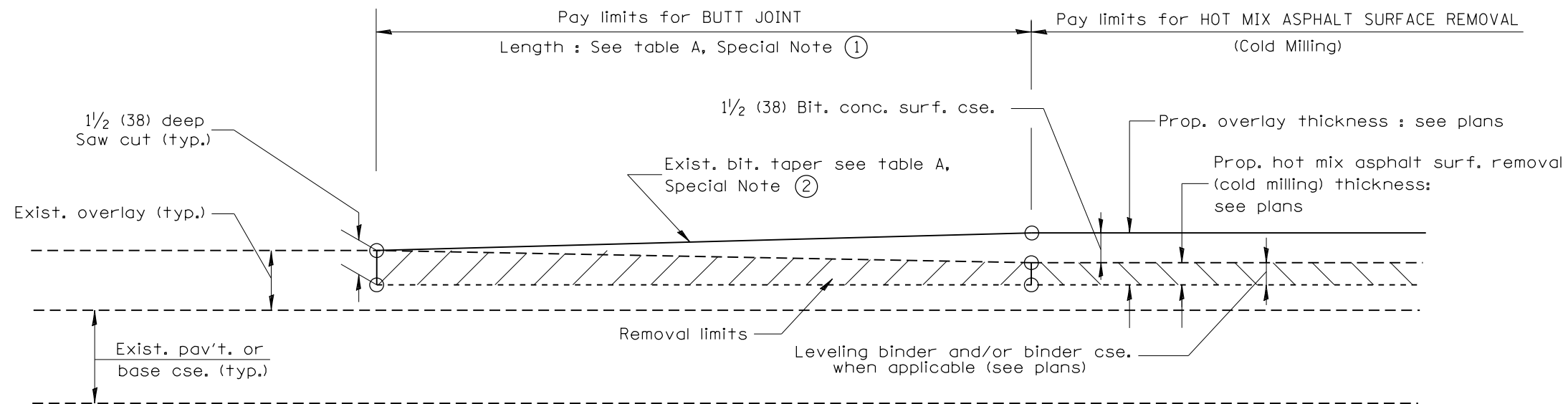
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

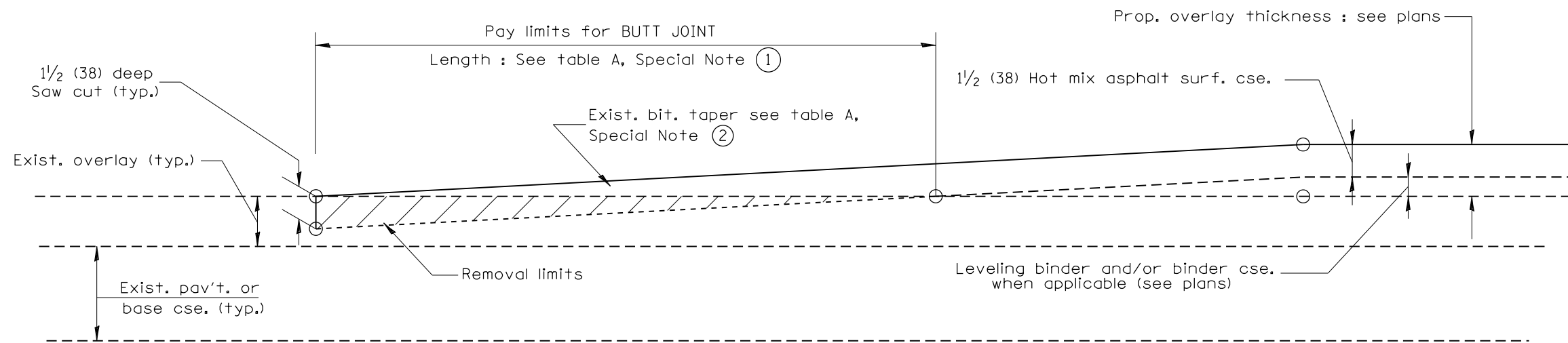
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

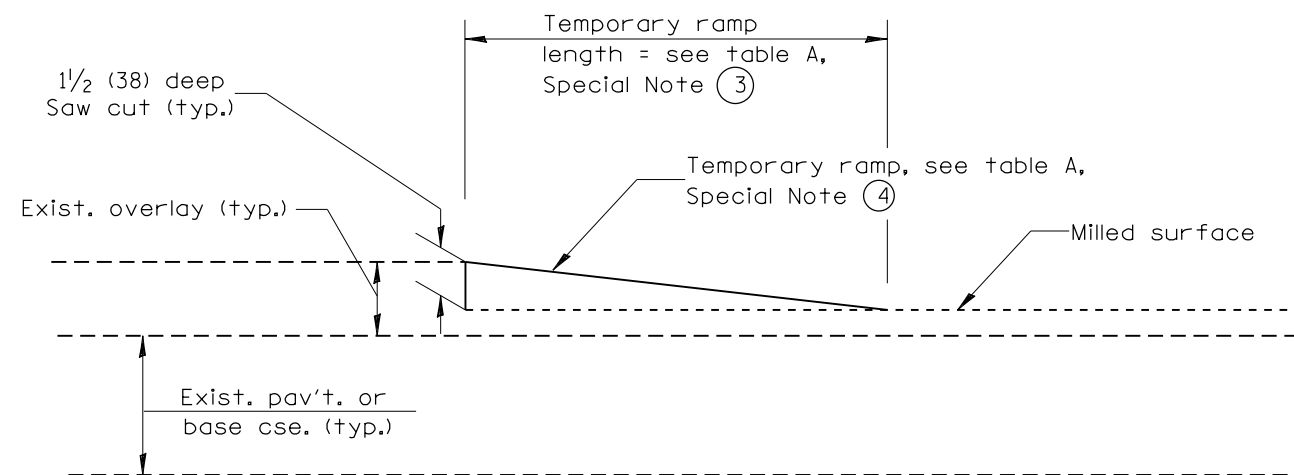
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A95	



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.

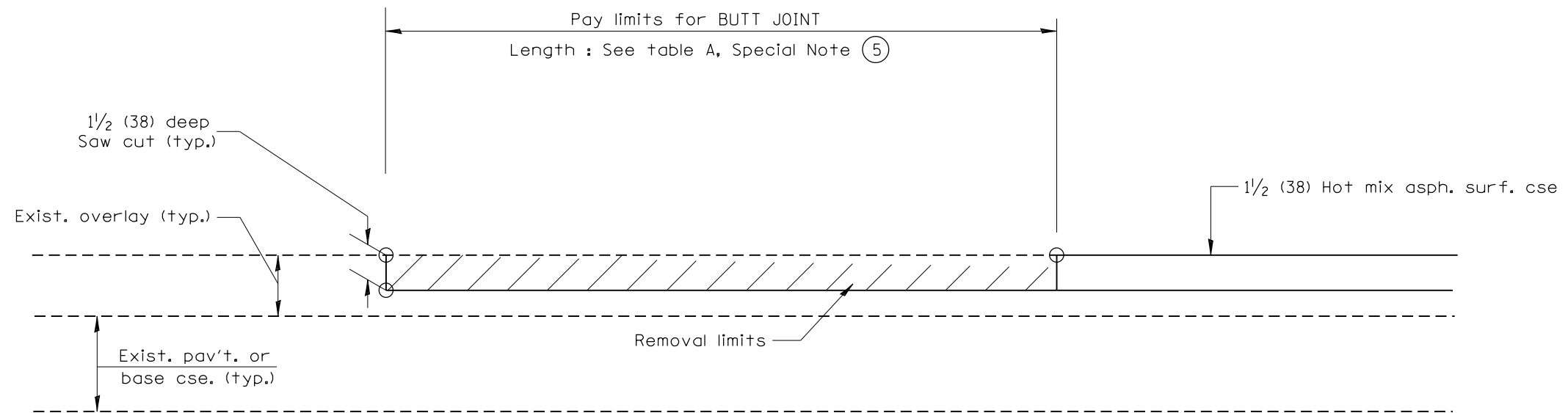
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 406101-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A95	

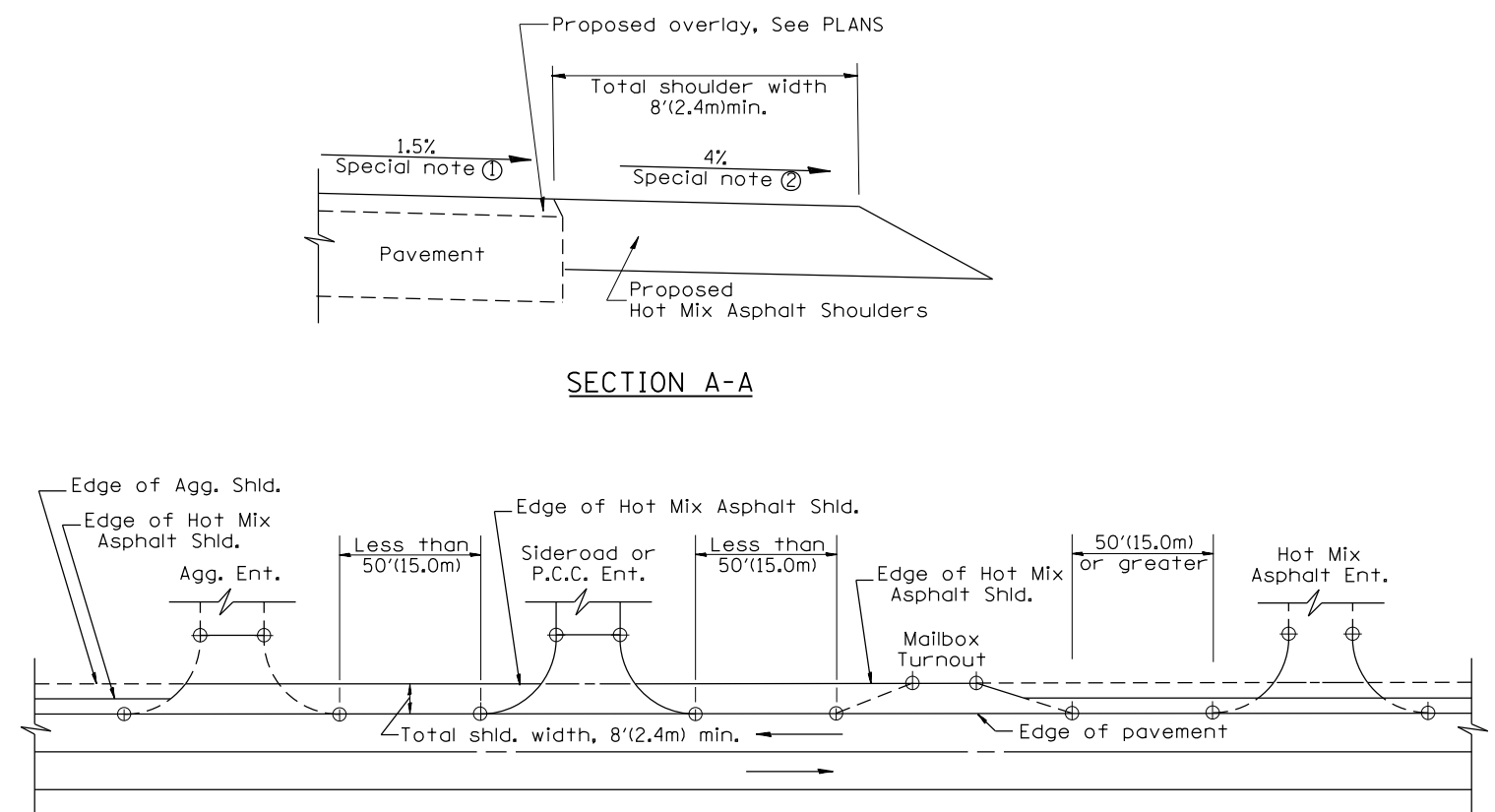
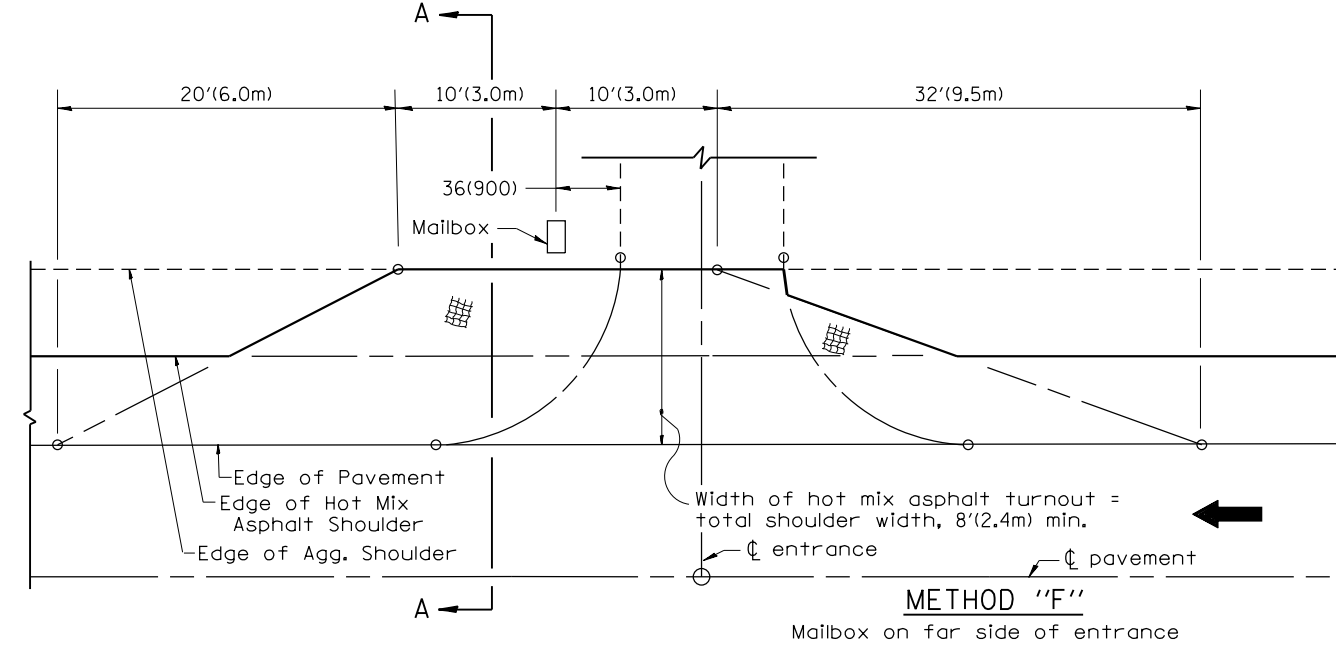
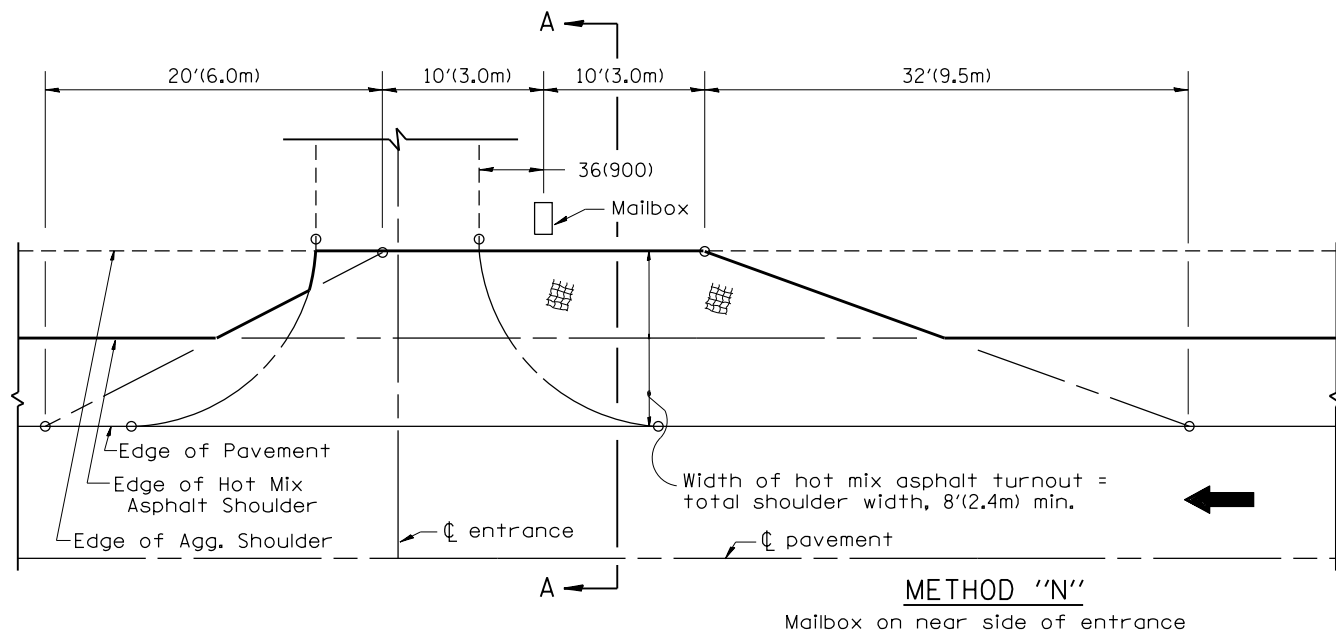
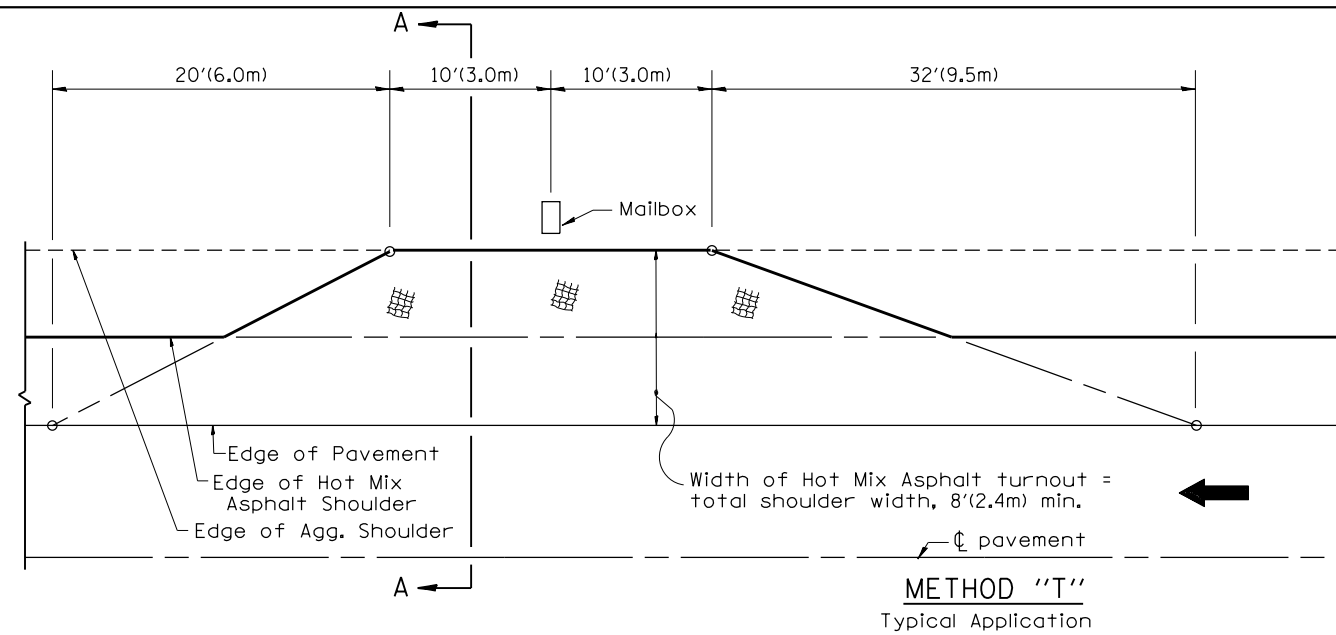


CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.S. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>1375</td> <td>(8,10)RS-4</td> <td>PEORIA/STARK</td> <td>33</td> <td>26</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO.</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td> </tr> </table>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1375	(8,10)RS-4	PEORIA/STARK	33	26	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
1375	(8,10)RS-4	PEORIA/STARK	33	26																						
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT																							
						NOT TO SCALE				CONTRACT NO. 68A95																

DESIGNER NOTES:
 1. THIS DRAWING REPLACES STATE STANDARD 406201
 2. DESIGNER SHOULD CONSULT CHAPTER 49 OF THE BDE MANUAL



SECTION A-A
 DETAIL A
 SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS,
 ENTRANCES, AND/OR MAILBOX TURNOUTS

GENERAL NOTES

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8'(2.4m) minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'(15.0m). See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the edge of the turnout surfacing.

SPECIAL NOTES

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6'(1.8m) and wider and 12% for shoulders 4'(1.2m) and less. Where 12(300) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

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

01-01-97	RENUM. C-90.01, NEW REVISION BOX	T.P.	
07-01-97	REVISE DESIGNER NOTES	J.A.	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	
10-16-06	REVISED TO 2007 SPEC.	M.A.	

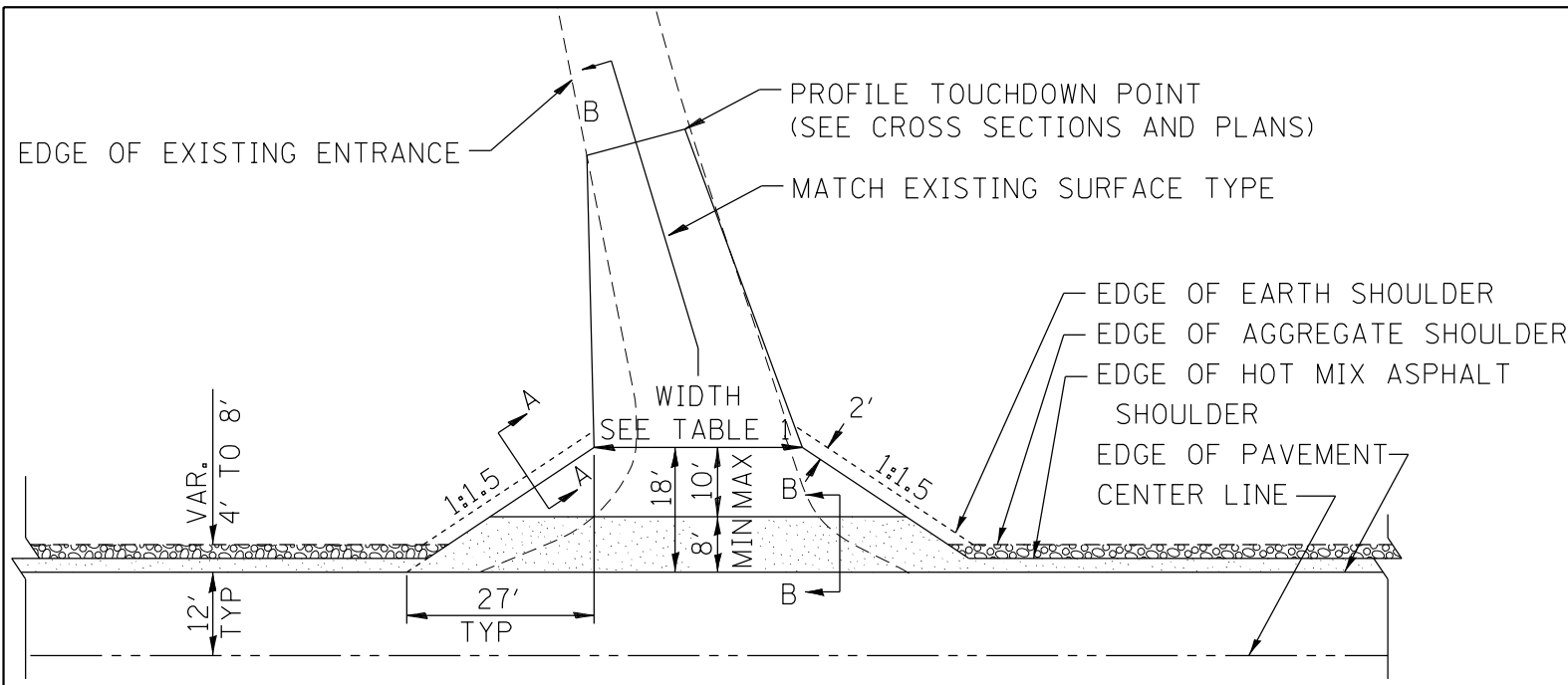
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406201-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	27
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68A95	



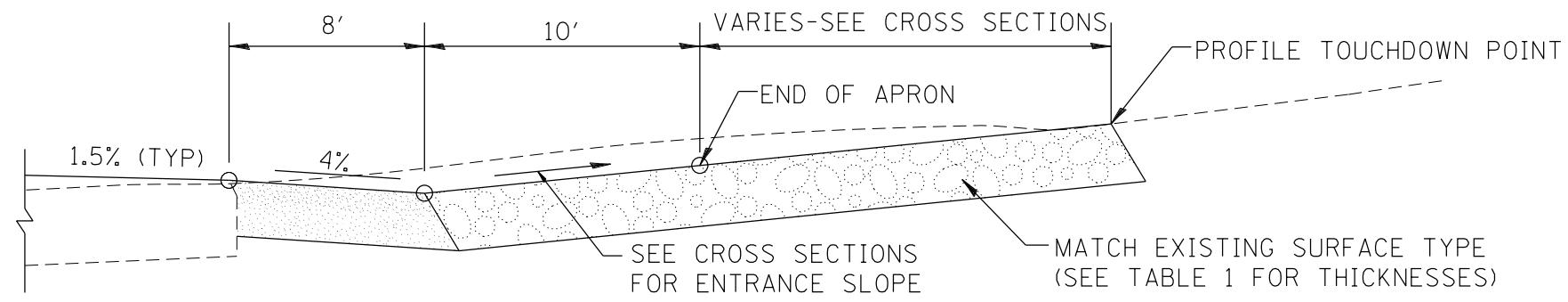
HOT MIX ASPHALT SHOULDER, 8"
 AGGREGATE SHOULDER, TYPE B, 6"

PLAN

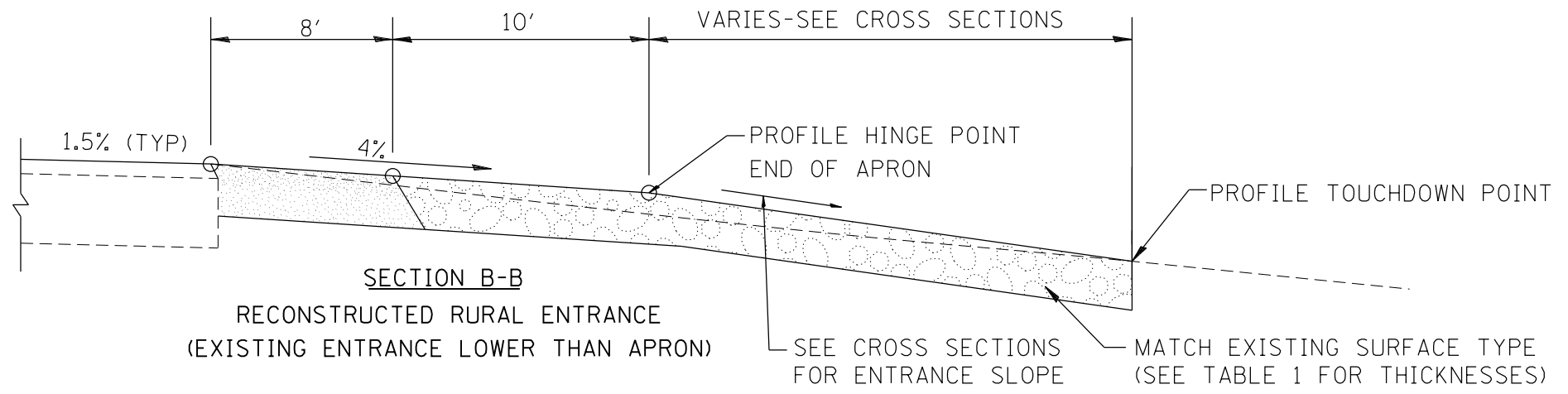
COMMERCIAL / FARM-RELATED ENTRANCE

TABLE 1					
RURAL ENTRANCE DESIGN					
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT	COMMERCIAL	
	12'(3.6m) Min.	24'(7.2m) Max.	20' (6.1m)Max.	30' (9.0m)Max.	
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20' (6.1m)Max.	30' (9.0m)Max.	14'(4.3m) Min., 24'(7.2m) Max., 24'(7.2m) Min., 35'(10.7m) Max.
FLARE	1:1.5				
MAX. GRADE (G)	12%		12%		10%

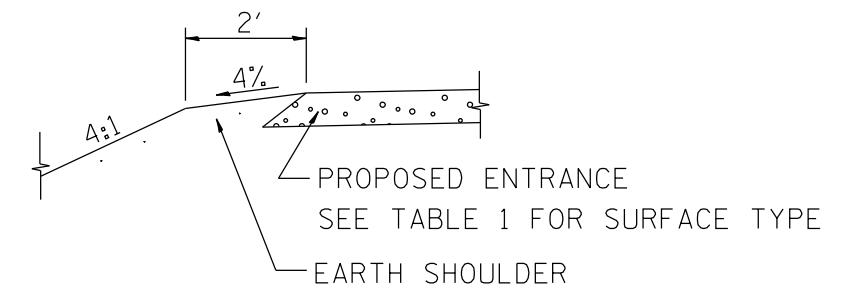
SURFACE TYPE			
INCIDENTAL HOT MIX ASPHALT SURFACING	6"	—	8"
AGGREGATE SURFACE COURSE	6"	8"	8"
PCC DRIVEWAY PAVEMENT	6"	—	7"



SECTION B-B
RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE HIGHER THAN APRON)



SECTION B-B
RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE LOWER THAN APRON)

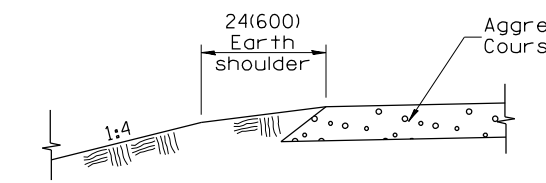


SECTION A-A
SHOULDER TREATMENT FOR RURAL ENTRANCES

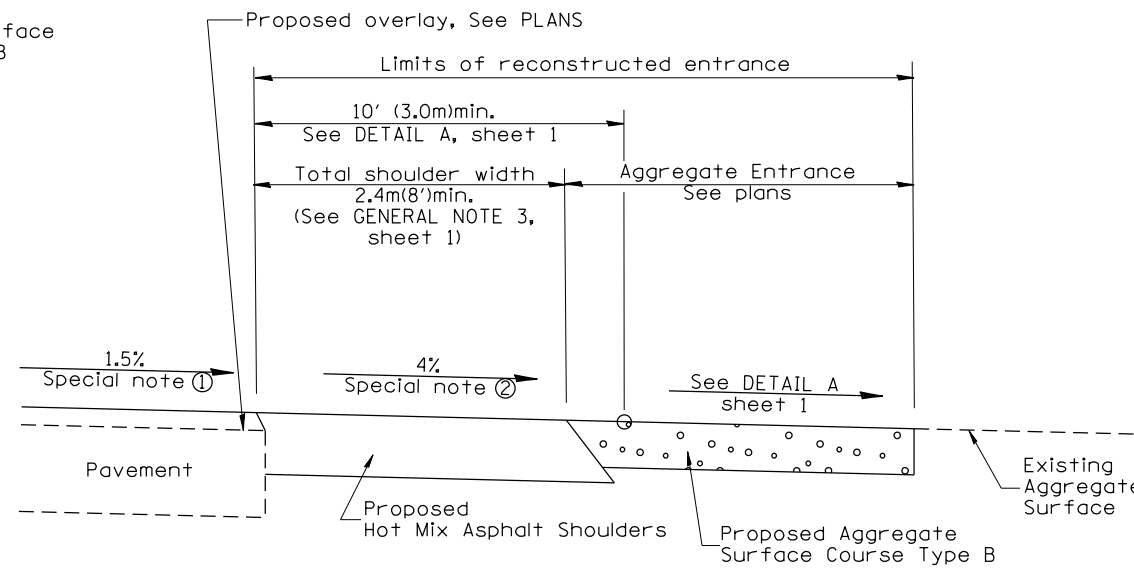
GENERAL NOTES

- ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDEROAD, ENTRANCE OR MAILBOX TURNOUT.
- A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE 1, TO THE EXISTING ENTRANCE WIDTH.

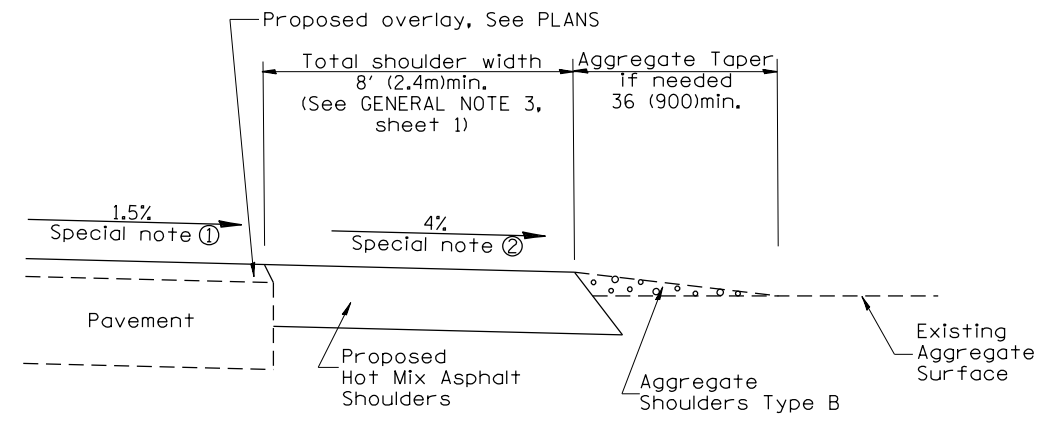
All dimensions are in inches (millimeters) unless otherwise noted.



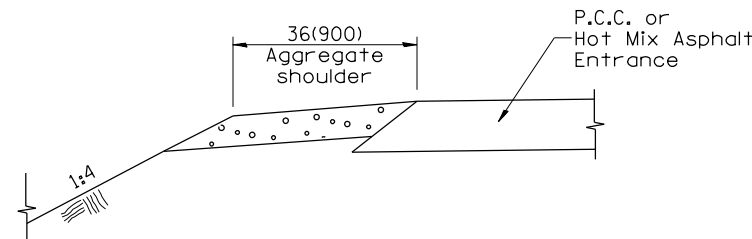
SECTION A-A
SHOULDER TREATMENT FOR AGGREGATE ENTRANCES



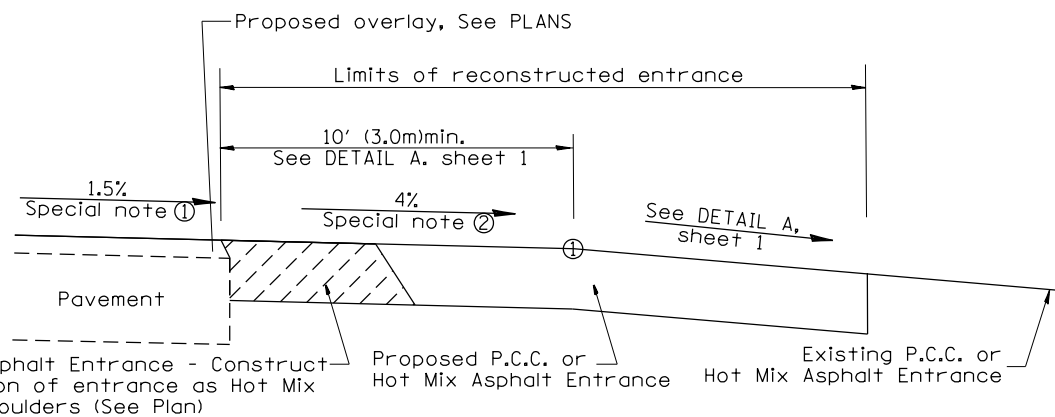
SECTION B-B
RECONSTRUCTED AGGREGATE ENTRANCE



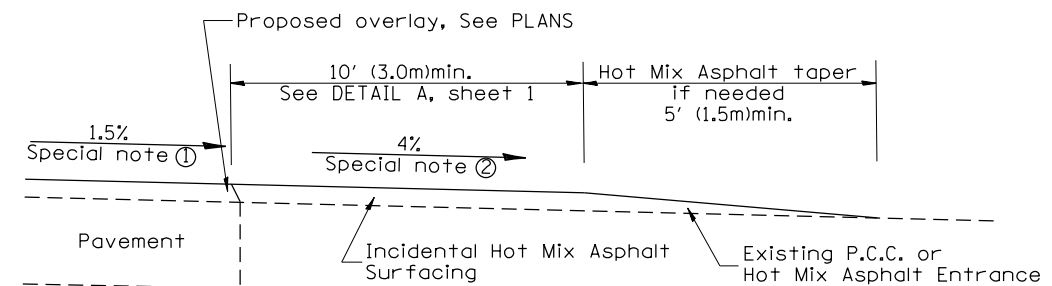
SECTION B-B
EXISTING AGGREGATE ENTRANCE



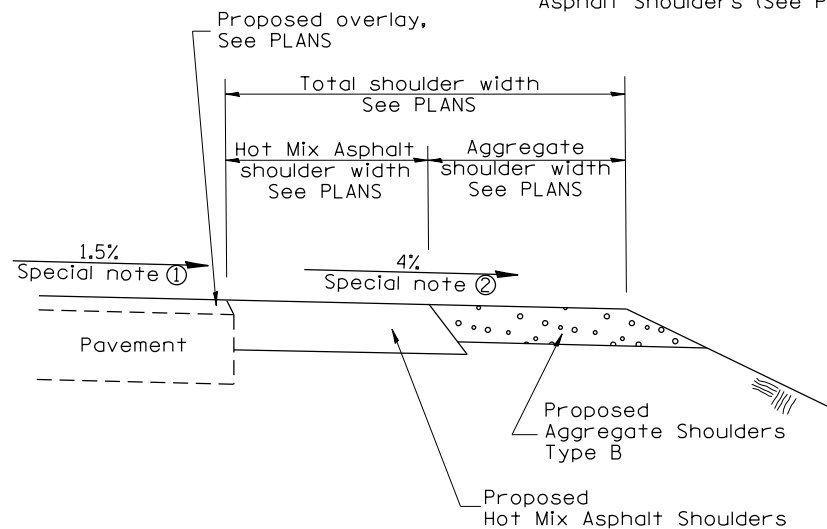
SECTION C-C
SHOULDER TREATMENT FOR P.C.C. OR HOT MIX ASPHALT ENTRANCES



SECTION D-D
RECONSTRUCTED P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION D-D
EXISTING P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION E-E
MAINLINE SHOULDER TREATMENT

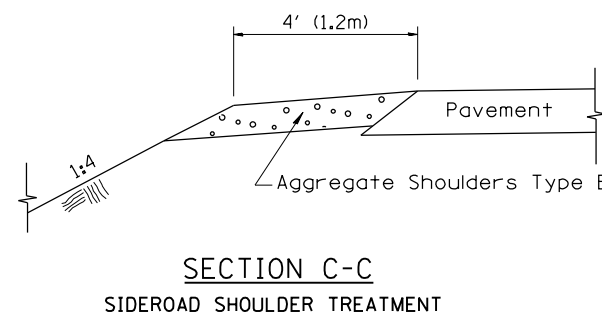
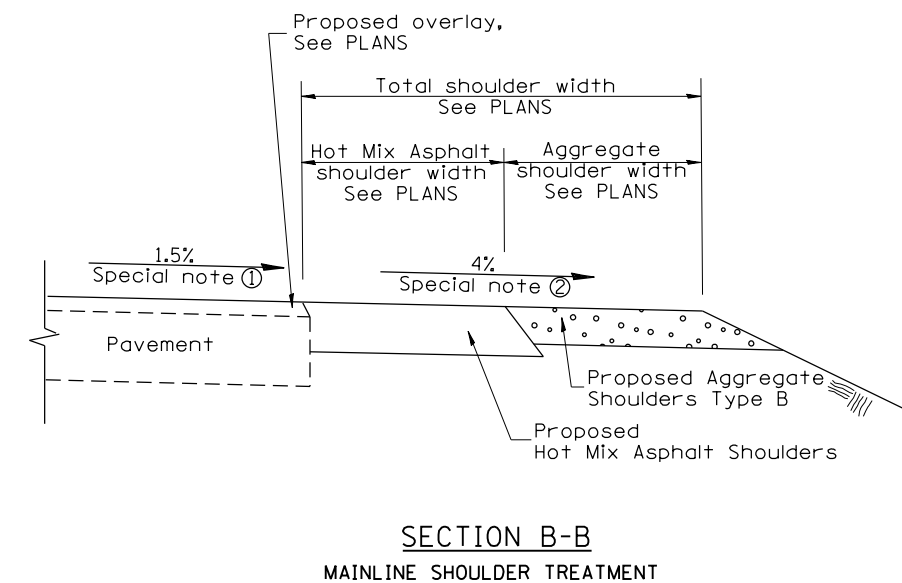
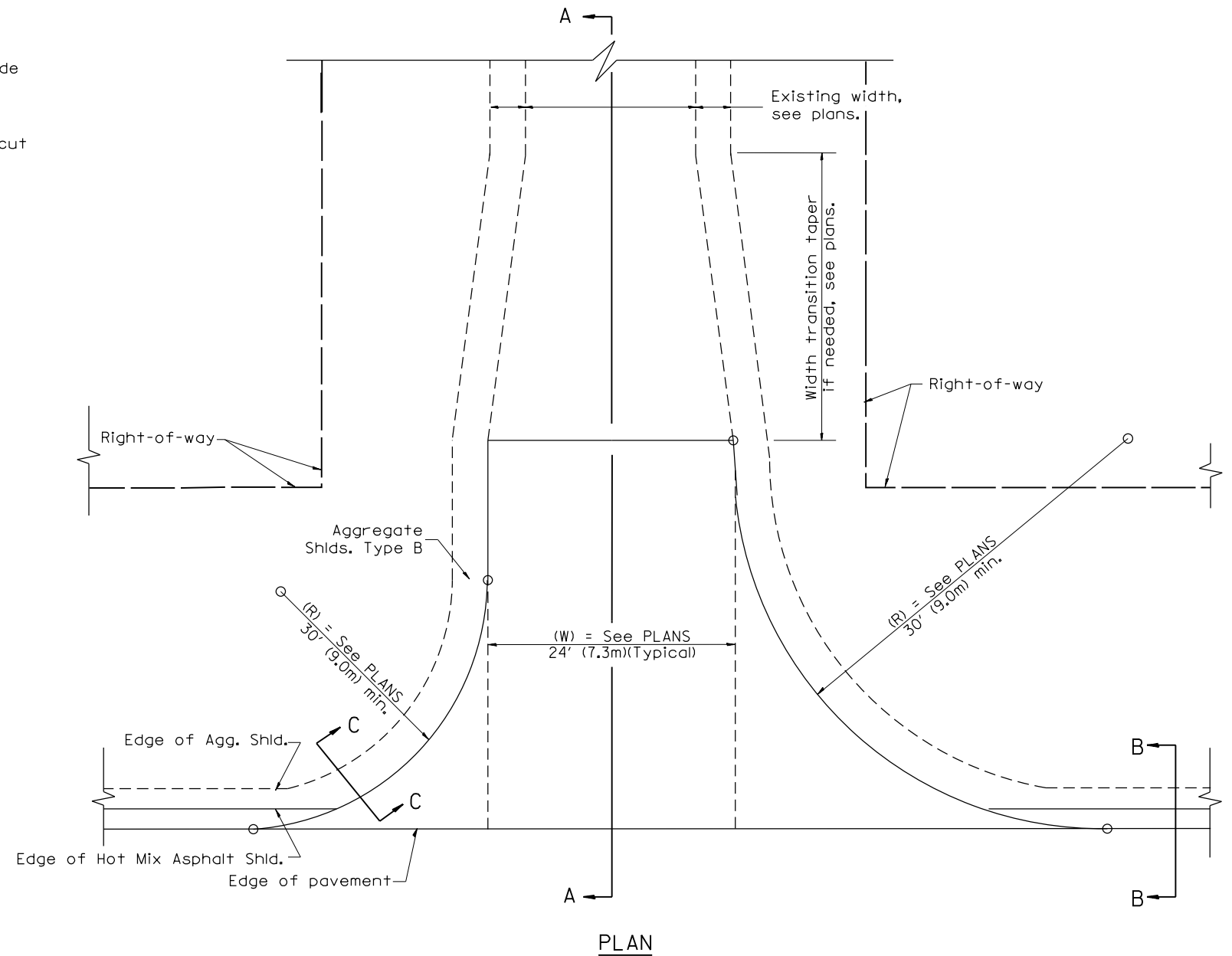
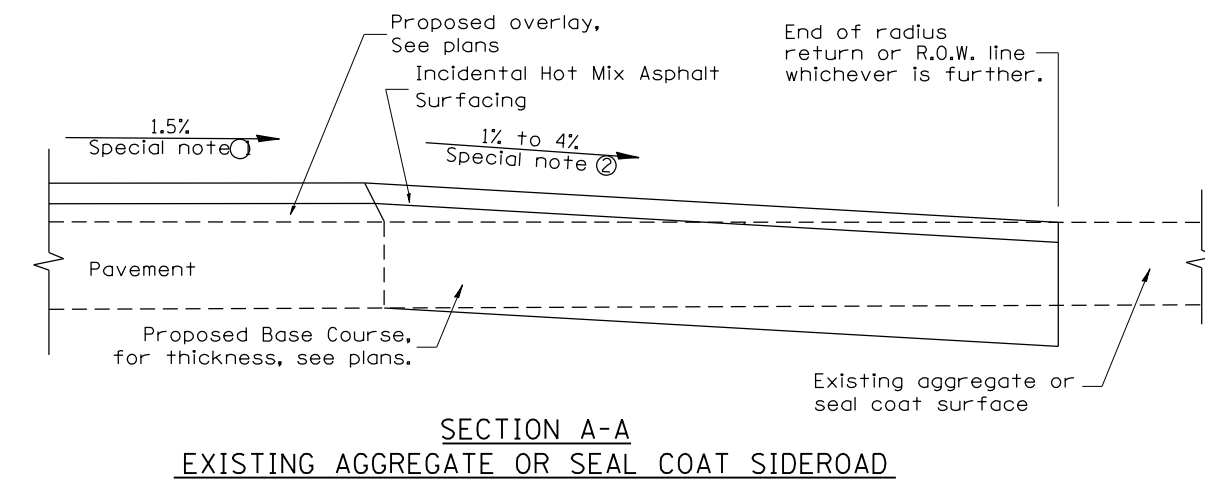
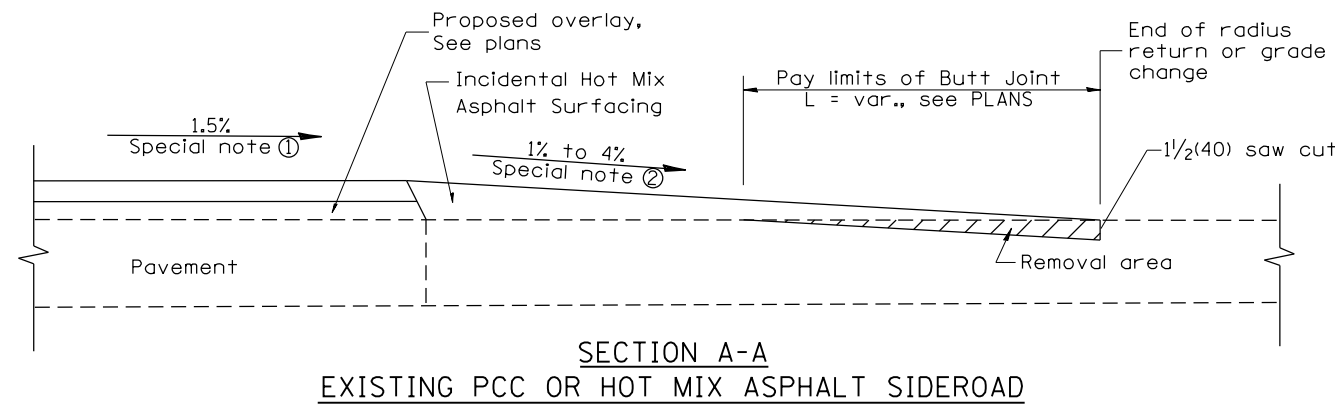
SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 10' (3.0m) minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through super-elevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' (1.8m) and wider and 12% for shoulders 4' (1.2m) and less. Where 12' (366cm) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				RURAL ENTRANCES FOR "3R" PROJECTS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								1375	(8,10)RS-4	PEORIA/STARK	33	29
NOT TO SCALE				SHT. 2 OF 2 CADD STD. 406301-D4				CONTRACT NO. 68A95				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
1. DESIGNER SHOULD CONSULT CHAPTER 49 OF THE BDE MANUAL.



SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on superelevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' (15.0m) to 100' (30.0m), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline superelevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

01-01-97	RENUM. C-105.02, NEW REVISION BOX	T.P.		
07-01-97	REVISE DESIGNER NOTES	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**

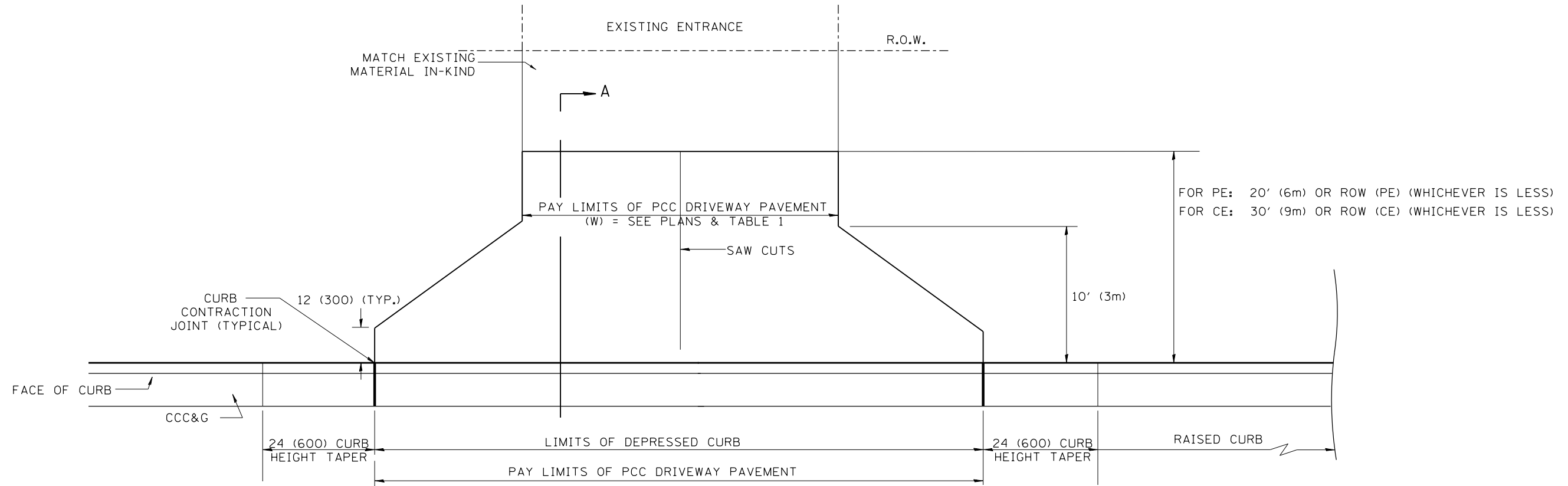
RURAL SIDEROADS FOR "3R" PROJECTS

NOT TO SCALE

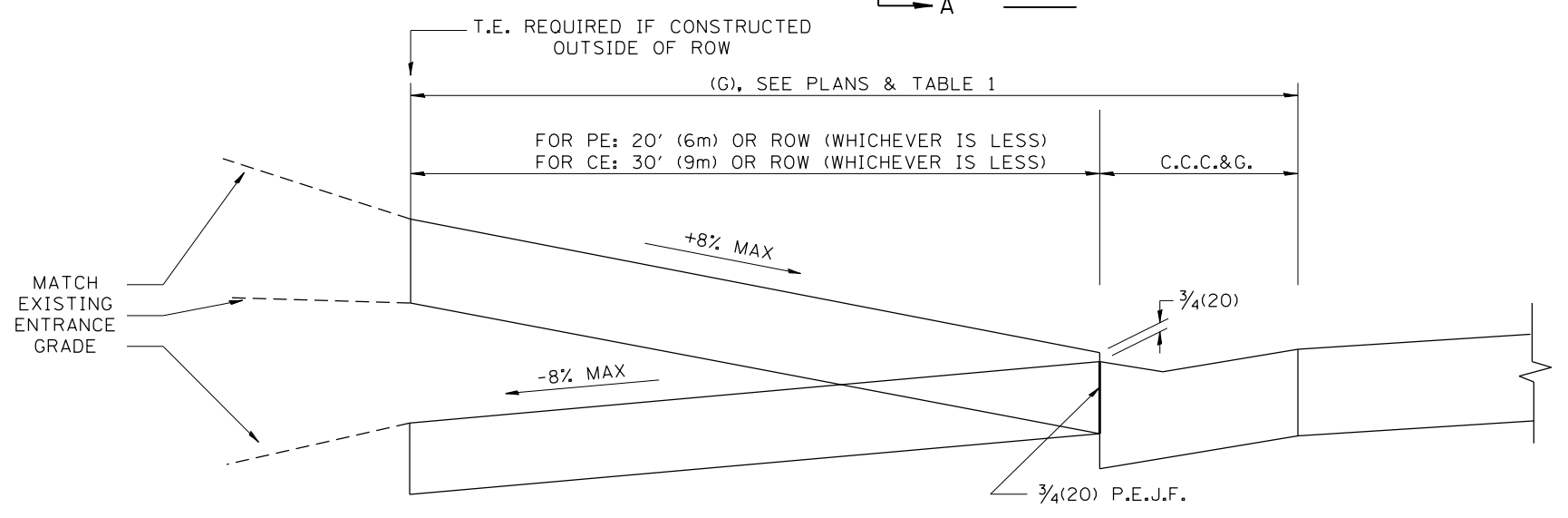
CADD STD. 406401-D4

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68A95	



PLAN



SECTION A-A

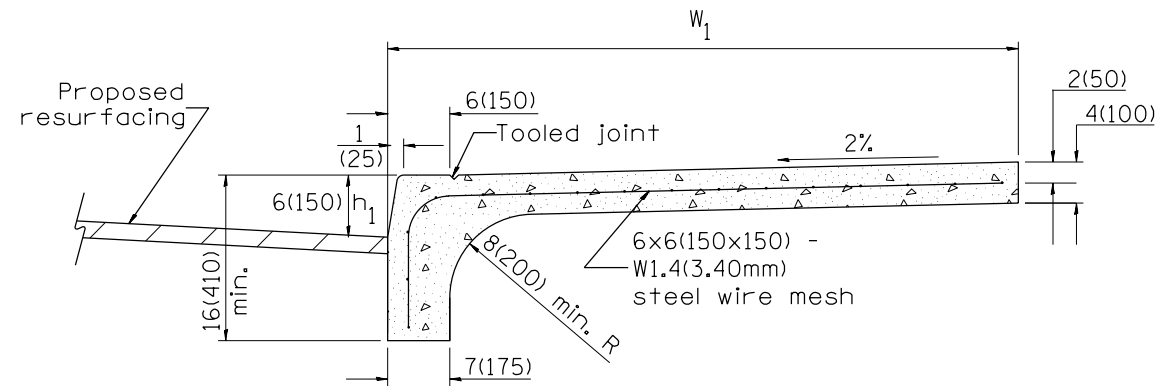
GENERAL NOTES

1. COMBINATION CONCRETE CURB & GUTTER SHALL BE DEPRESSED IN ACCORDANCE WITH STANDARD 606001.
2. C.C.C. & G. WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS.
3. C.C.C. & G. CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.
4. EXCEPTIONS TO THE RADIUS FLARE/PROPERTY LINE RELATIONSHIP ARE AS SHOWN IN THE PLANS FOR COMMON ENTRANCES, WITH JOINTLY EXECUTED ACCESS PERMITS.

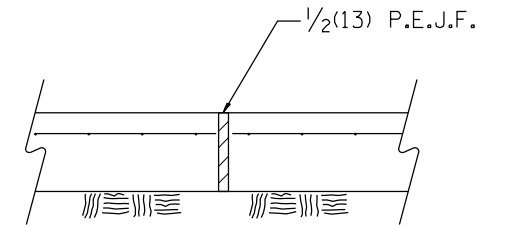
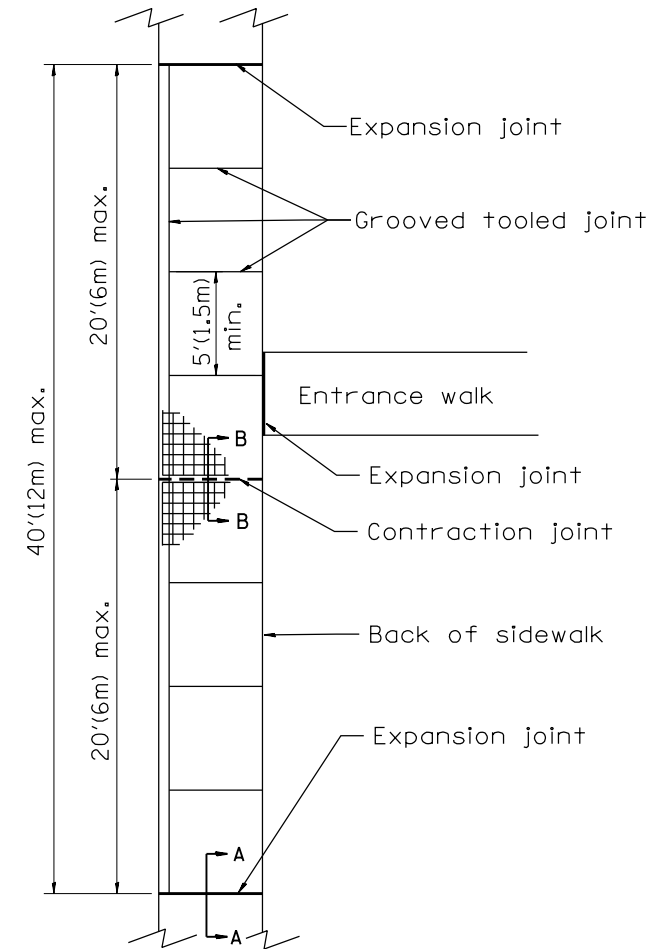
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6m)MIN.	24' (7.2m)MAX.	14' (4.3m)MIN.	24' (7.2m)MAX.	24' (7.2m)MIN.	35' (10.7m)MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5m)MIN.	25' (7.6m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.
MAX. GRADE (G)	8%		6%			

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

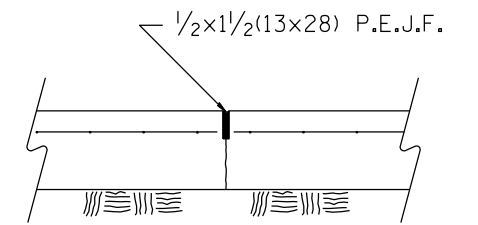
DESIGNER NOTES:
1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STD. " CURB RAMPS ACCESSIBLE TO THE DISABLED."



COMBINATION CURB - SIDEWALK 4" (100mm)
Measurement Formula: $(W_1 + h_1) \times \text{length constructed} = \text{Payment area}$
in square meters (square feet)



SEC. A-A
Expansion Joint



SEC. B-B
Contraction Joint

GENERAL NOTES:

- All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

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

01-01-97	RENUM. A-5.02, NEW REVISION BOX	T.P.		
10-16-06	REVISED TO 2007 SPEC.	M.A.		

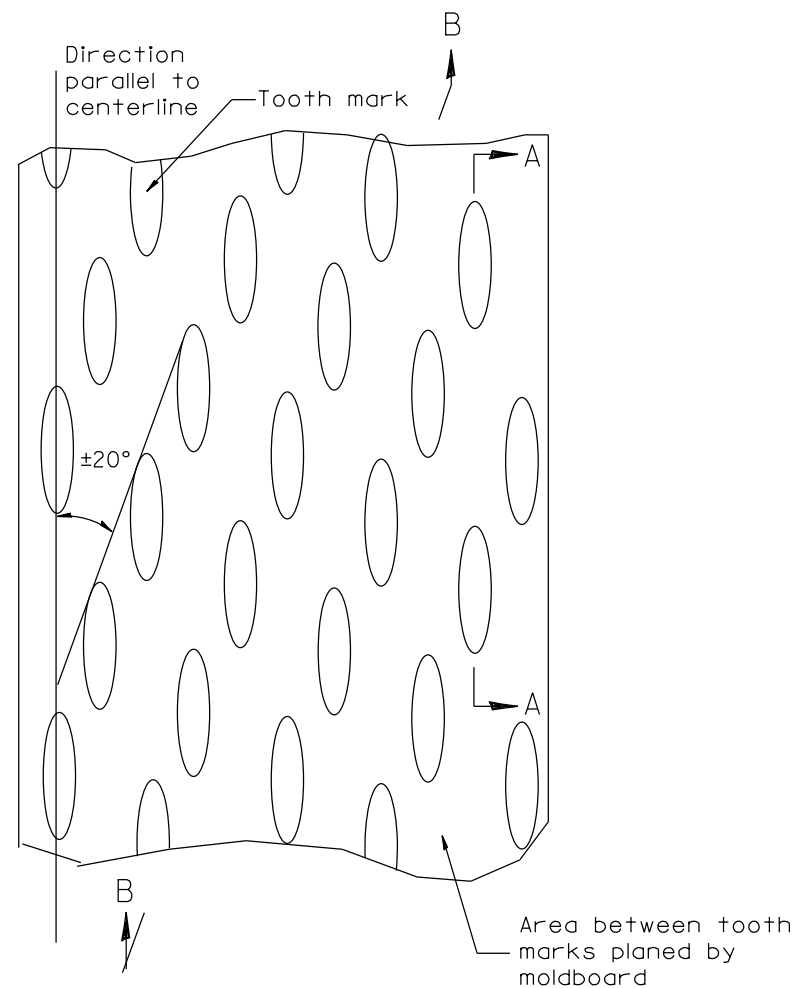
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)

CADD STD. 424101-D4

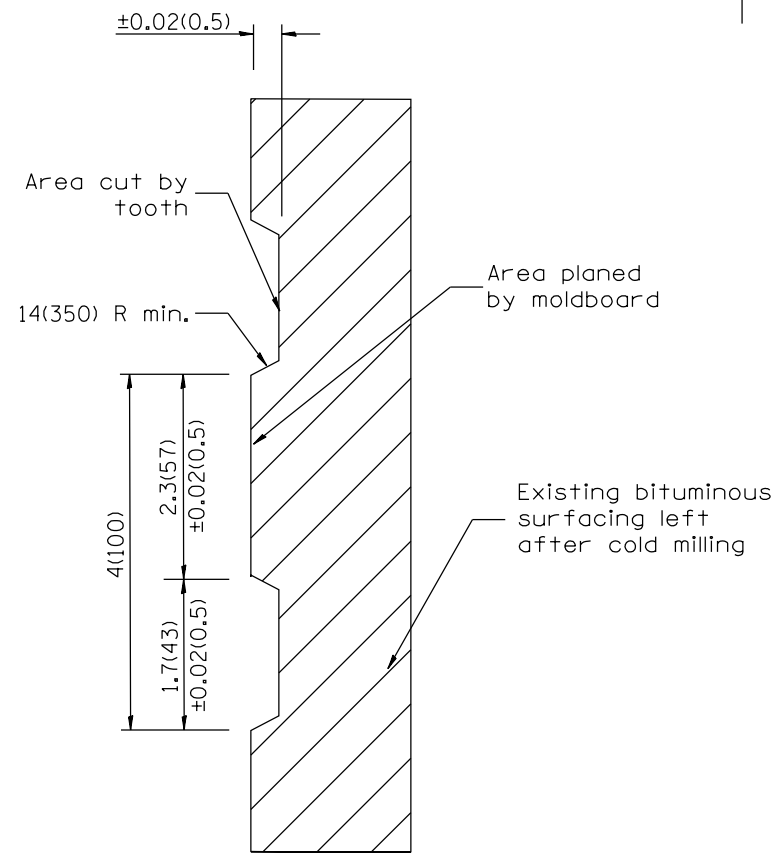
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1375	(8,10)RS-4	PEORIA/STARK	33	32
CONTRACT NO. 68A95				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



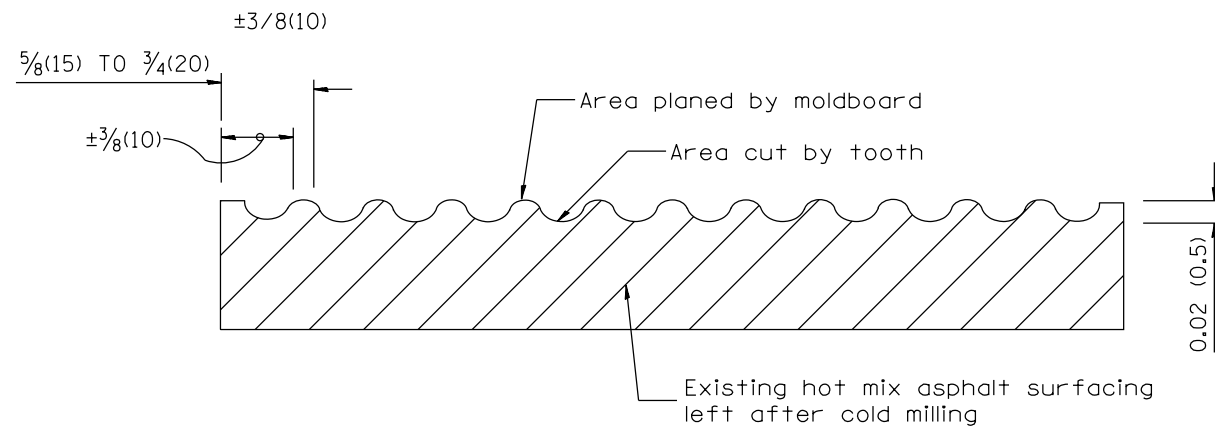
PLAN

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

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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.
1375	(8,10)RS-4	PEORIA/STARK	33	33
CONTRACT NO. 68A95				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		