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

ROUTE (IL90) FAP 661

**SECTION 103 RS-3
PEORIA COUNTY**

C-94-081-02

PROJECT - F-0661 (008)

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STANDARDS

442201-03	701201-02
482011-03	701301-02
667101	701306-01
701006-02	701311-02
701011-01	701901
	780001-01

DESIGN DESIGNATION

CLASS II TRUCK ROUTE
MINOR ARTERIAL (NON-URBAN)

ADT = 1350 (2006)

MU = 5.9% (2006)

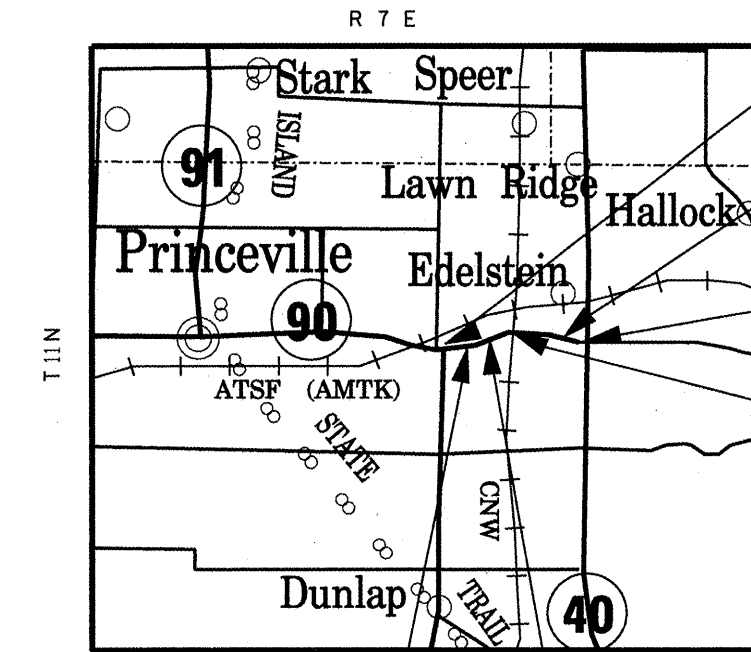
SU = 6.7% (2006)

CONTRACT NO. 68259

CATALOG NO. 032562-00D

GROSS LENGTH = 13271 FT. (2.51 MI.)

NET LENGTH = 13040 FT. (2.47 MI.)



STA. EQUATION
STA. 31+88 (BK)=
STA. 32+00 (AH)

BRIDGE OMISSION
STA. 53+77 TO STA. 54+42

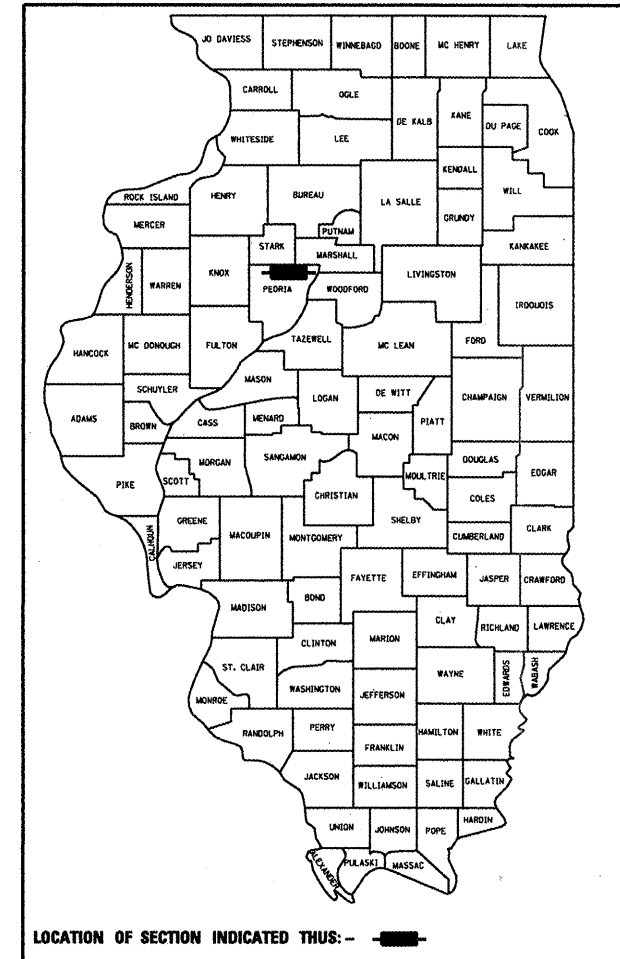
MILL AND RESURFACE ON IL 90 FROM IL 91 (S) TO IL 40
JUST SOUTH OF EDELSTEIN IN PEORIA COUNTY.

IMPROVEMENT BEGINS
STA. 5+00

STA. EQUATION
STA. 131+93 (BK)=
STA. 132+00 (AH)

IMPROVEMENT ENDS
STA. 137+71

RAILROAD OMISSION
STA. 65+60.1 TO STA. 65+69.1



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MM 6 20 08

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27, 20 08
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 27, 20 08
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	2

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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All of the telephone lines provided shall have unpublished numbers.

AGGREGATE SHOULDER, TYPE B

Aggregate Shoulder, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

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 20 mm (3/4 inch) wide, 125 mm (5 inches) high and 15 mm (5/8 inch) deep.

The pavement station numbers shall be installed as specified herein:

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

Bottom of Numbers - 150 mm (6 inches) 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 - Metric (English) pavement stations shall use this format (XX+X00" (XXX"))
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.

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
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form - D4 PI101

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

AVAILABILITY OF ELECTRONIC FILES

Micro Station and GEOPAK files of this project will be made available to the Contractor. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES COMMITMENTS AND JOB SPECIFIC NOTES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	3

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HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	POLYMERIZED SURFACE CSE	MAINLINE LEVELING BINDER	HOT-MIX ASPHALT SHOULDERS	PATCHING
AC/PG:	SBS OR SBR PG 70-22	SBS OR SBR PG 70-22	PG 64-22	PG 64-22
RAP % (Max.):**	0%	0%	30%	25%
Design Air Voids:	4.2% @ N=50	4.0% @ N=50	3.0% @ N=30	4.2% @ N=50
Mixture Composition: (Gradation Mixture)	IL-12.5 OR IL-9.5	IL 4.75	IL9.5L	IL 19.0
Friction Aggregate:	MIXTURE D	N/A	MIXTURE C	N/A

** If the RAP 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 bituminous surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed

COMMITMENTS

No commitments have been made for this project.

ILLINOIS DEPARTMENT OF TRANSPORTATION
**GENERAL NOTES
COMMITMENTS AND
JOB SPECIFIC
NOTES**

SUMMARY OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	4

RURAL
PEORIA CO.
IL 90
80/20 FED/STATE

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CODE NO.	ITEM	UNIT	TOT. QTY.	I000
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	16	16
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	657	657
40600990	TEMPORARY RAMP	SQ YD	123	123
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	38973	38973
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SQ YD	41	41
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SQ YD	116	116
48101200	AGGREGATE SHOULDERS, TYPE B	TON	721	721
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	1	1
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4433	4433
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	122	122
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	33128	33128
70300640	TEMPORARY PAINT PAVEMENT MARKING LINE 8"	FOOT	337	337
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	137	137

* SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	5

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SUMMARY OF QUANTITIES

RURAL
PEORIA
IL 90
80/20 FED/STATE

CODE NO.	ITEM	UNIT	TOT. QTY.	1000
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	107	107
*78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	122
*78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	33128	33128
*78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	337	337
*78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	137	137
*78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	107	107
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	168	168
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	60	60
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3296	3296
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1561	1561
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	13	13
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

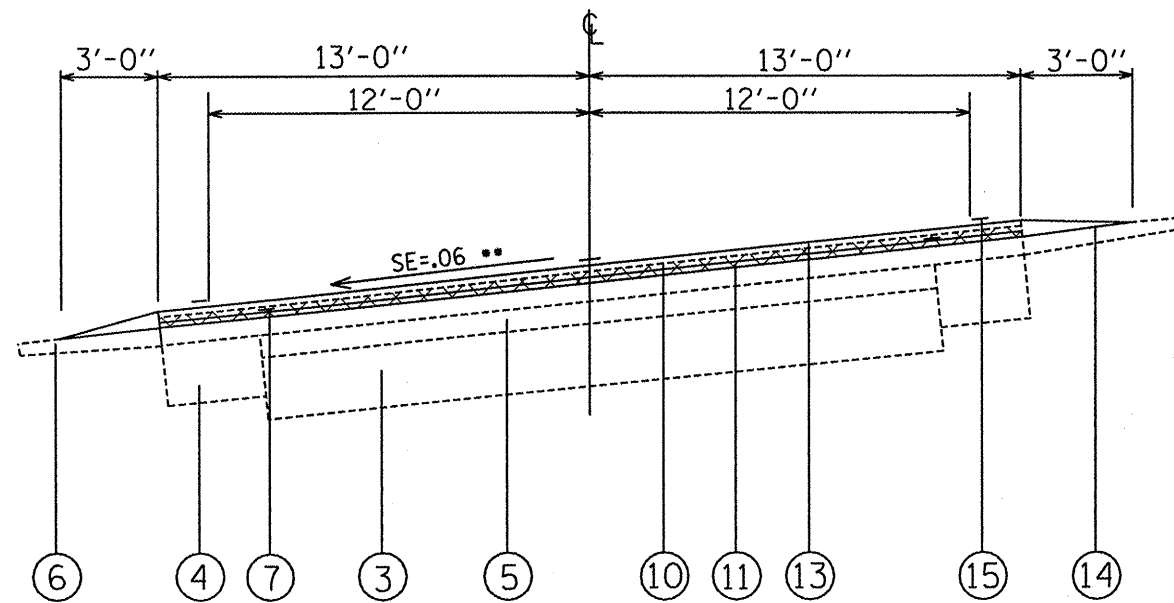
* SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	6

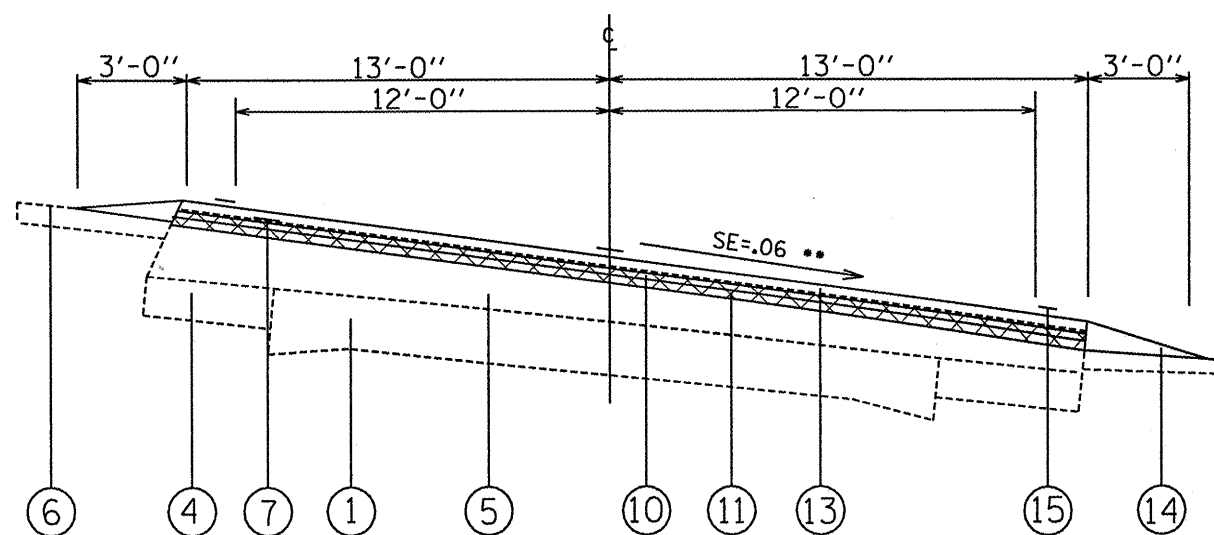
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TYPICAL SECTION NO. 1

STA. 5+00 TO STA. 10+97.4

**NOTE: FOR SE TRANSITION, MATCH EXISTING SLOPE.



TYPICAL SECTION NO. 2

STA. 10+97.84 TO STA. 19+96.5
STA. 23+48.40 TO STA. 33+20.5

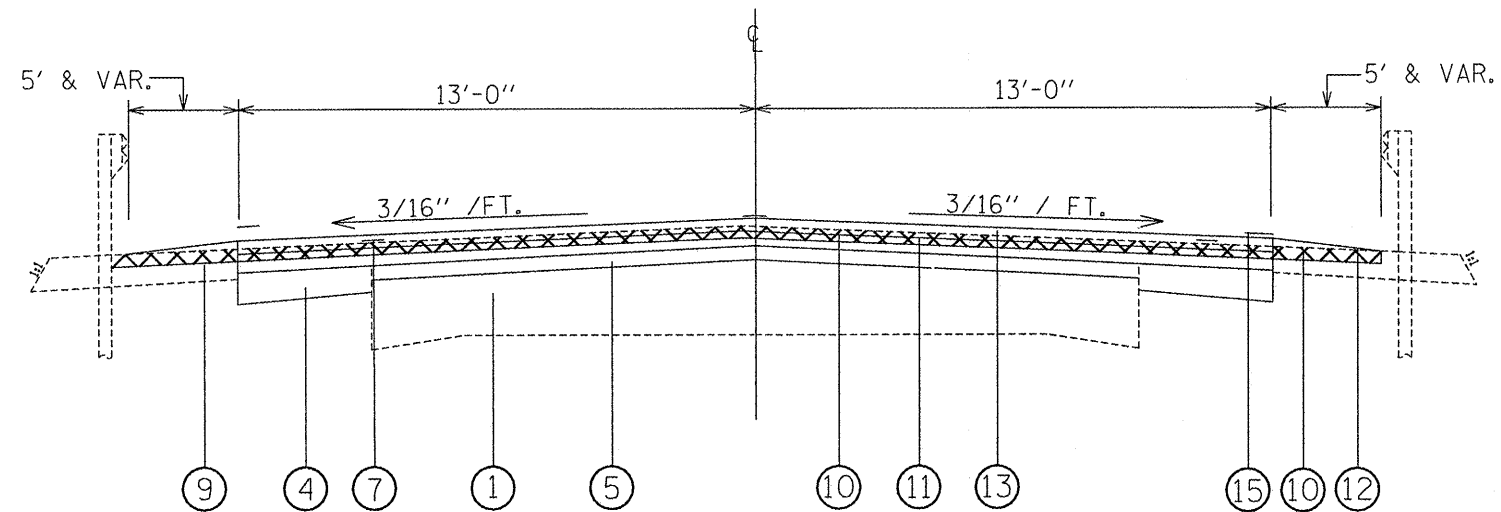
LEGEND

- ① EXISTING 9"-6"-9" PCC PAVEMENT
- ② EXISTING 9" HOT MIX ASPHALT BASE COURSE
- ③ EXISTING PCC BASE COURSE 8"
- ④ EXISTING 9" HOT MIX ASPHALT BASE COURSE WIDENING
- ⑤ EXISTING HOT MIX ASPHALT OVERLAYS
- ⑥ EXISTING 6" AGGREGATE SHOULDER TYPE B
- ⑦ EXISTING STRIP REFLECTIVE CRACK CONTROL
- ⑧ EXISTING CONCRETE GUTTER TYPE A
- ⑨ EXISTING 8" HOT MIX ASPHALT SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT REMOVAL, COLD MILL 1 1/2 "
- ⑪ PROPOSED POLYMERIZED LEVELING BINDER COURSE, 3/4 "
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C N30 VARIABLE DEPTH 1 1/2 " TO 2 1/4 "
- ⑬ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D N50, 1 1/2 "
- ⑭ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑮ PROPOSED EPOXY PAVEMENT MARKINGS
- ⑯ PROPOSED HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH 1/2" TO 1 1/2"

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
IL 90
NOT TO SCALE

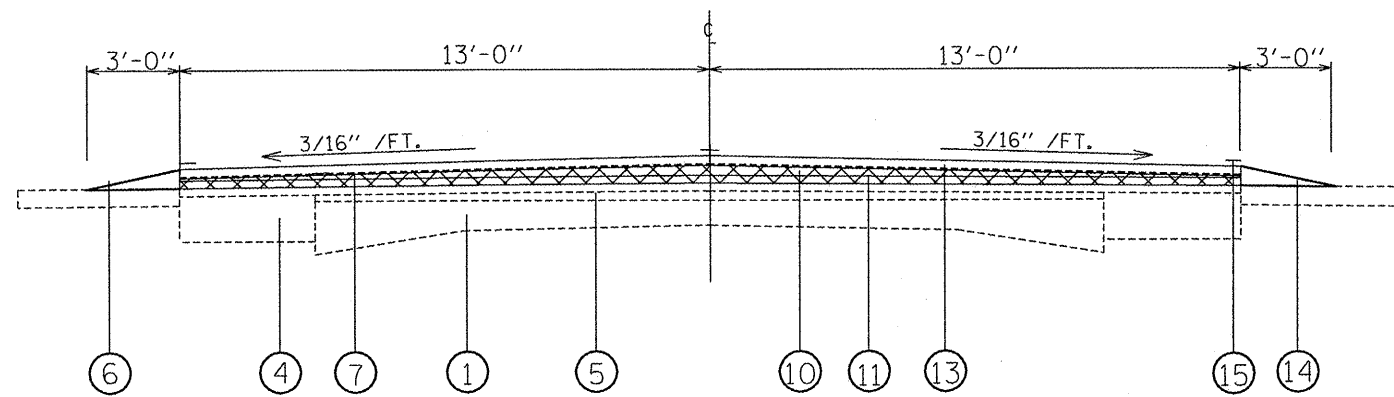
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	7

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TYPICAL SECTION NO. 3

STA. 52+29 TO STA. 53+76.26 (LT.)
 STA. 51+23.5 TO STA. 53+76.26 (RT.)
 STA. 54+41.76 TO STA. 56+94.5 (LT.)
 STA. 54+41.76 TO STA. 56+19.5 (RT.)



TYPICAL SECTION NO. 4

STA. 19+96.5 TO STA. 23+48.4
 STA. 33+20.5 TO STA. 52+29 (LT.)
 STA. 33+20.5 TO STA. 51+23.5 (RT.)
 STA. 56+94.5 TO STA. 107+00 (LT.)
 STA. 56+19.5 TO STA. 107+00 (RT.)
 STA. 109+60 TO STA. 136+46.6 (RT.)
 STA. 109+60 TO STA. 136+43.3 (LT.)

LEGEND

- ① EXISTING 9"-6"-9" PCC PAVEMENT
- ② EXISTING 9" HOT MIX ASPHALT BASE COURSE
- ③ EXISTING PCC BASE COURSE 8"
- ④ EXISTING 9" HOT MIX ASPHALT BASE COURSE WIDENING
- ⑤ EXISTING HOT MIX ASPHALT OVERLAYS
- ⑥ EXISTING 6" AGGREGATE SHOULDER TYPE B
- ⑦ EXISTING STRIP REFLECTIVE CRACK CONTROL
- ⑧ EXISTING CONCRETE GUTTER TYPE A
- ⑨ EXISTING 8" HOT MIX ASPHALT SHOULDER

- ⑩ PROPOSED HOT-MIX ASPHALT REMOVAL, COLD MILL 1 1/2 "
- ⑪ PROPOSED POLYMERIZED LEVELING BINDER COURSE, 3/4 "
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C N30 VARIABLE DEPTH 1 1/2 " TO 2 1/4 "
- ⑬ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D N50, 1 1/2 "
- ⑭ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑮ PROPOSED EPOXY PAVEMENT MARKINGS
- ⑯ PROPOSED HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH 1/2" TO 1 1/2"

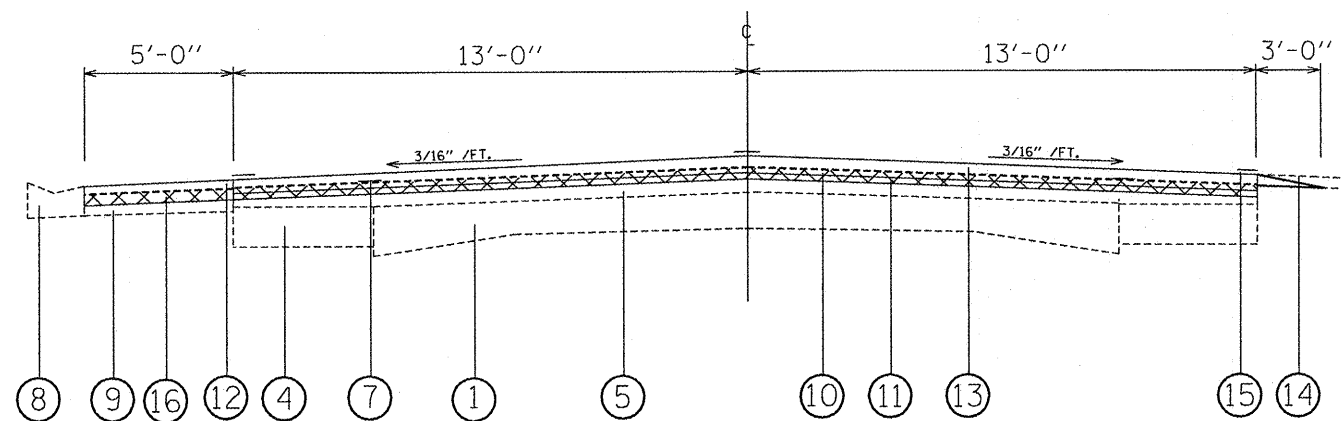
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 90

NOT TO SCALE

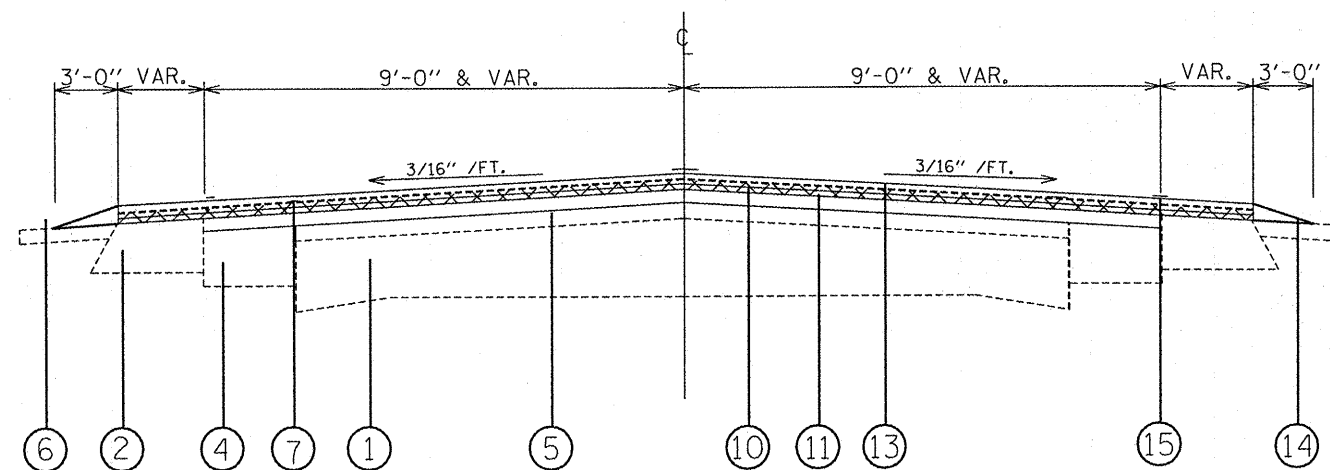
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	8

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TYPICAL SECTION NO. 5

STA. 107+00 TO STA. 109+60



TYPICAL SECTION NO. 6

STA. 136+46.6 TO STA. 137+71 (RT.)
STA. 136+43.3 TO STA. 137+71 (LT.)

LEGEND

- ① EXISTING 9"-6"-9" PCC PAVEMENT
- ② EXISTING 9" HOT MIX ASPHALT BASE COURSE
- ③ EXISTING PCC BASE COURSE 8"
- ④ EXISTING 9" HOT MIX ASPHALT BASE COURSE WIDENING
- ⑤ EXISTING HOT MIX ASPHALT OVERLAYS
- ⑥ EXISTING 6" AGGREGATE SHOULDER TYPE B
- ⑦ EXISTING STRIP REFLECTIVE CRACK CONTROL
- ⑧ EXISTING CONCRETE GUTTER TYPE A
- ⑨ EXISTING 8" HOT MIX ASPHALT SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT REMOVAL, COLD MILL 1 1/2 "
- ⑪ PROPOSED POLYMERIZED LEVELING BINDER COURSE, 3/4 "
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C N30 VARIABLE DEPTH 1 1/2 " TO 2 1/4 "
- ⑬ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D N50, 1 1/2 "
- ⑭ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑮ PROPOSED EPOXY PAVEMENT MARKINGS
- ⑯ PROPOSED HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH 1/2" TO 1 1/2"

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
IL 90
NOT TO SCALE

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	9

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION	4" WHITE (FT.)	4" YELLOW (FT.)	8" WHITE (FT.)	12" WHITE (FT.)	24" WHITE (FT.)	LETTERS AND SYMBOLS (SQ. FT.)
STA. 5+00 TO STA. 31+88 (BK)	5377	670	-	-	-	-
STA. 32+00 (AH) TO STA. 53+77	4354	545	-	-	-	-
BRIDGE OMISSION	-	-	-	-	-	-
STA. 53+77 TO STA. 54+42	132	17	-	-	-	-
STA. 54+40 TO STA. 58+36	792	98	-	-	-	-
STA. 58+36 TO STA. 65+60.1	1448	905	-	-	39	61.2
RAILROAD OMISSION	-	-	-	-	-	-
STA. 65+60.1 TO STA. 65+69.1	-	-	-	-	-	-
STA. 65+69.1 TO STA. 72+07	1276	798	-	-	39	61.2
STA. 72+07 TO STA. 131+93 (BK)	11972	3157	-	-	-	-
STA. 132+00 (AH) TO 137+71	1142	143	337	137	29	-
SIDEROAD- HAKES ROAD	-	-	-	-	-	-
STA. 10+29.9 TO STA. 11+00	141	141	-	-	-	-
SUBTOTAL	26634	6474	337	137	107	122.4
TOTAL	33108		337	137	107	122.4

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NO PASSING ZONES:

RT. STA. 57+84 TO RT. STA. 65+60
LT. STA. 65+69 TO LT. STA. 72+16
RT. STA. 77+36 TO RT. STA. 84+15
LT. STA. 85+38 TO LT. STA. 94+23

*AREA OF RT. TURN ARROW= 15.6 SQ. FT.
AREA OF "R"= 3.6 SQ. FT.
AREA OF "X"= 54.0 SQ. FT.

**SHORT TERM
PAVEMENT MARKING SCHEDULE**

LOCATION	FOOT	APPLICATION	TOTAL
STA. 5+00 TO STA. 31+88 (BK)	269	3	807
STA. 32+00 (AH) TO STA. 131+93 (BK)	999	3	2998
STA. 132+00 (AH) TO STA. 137+71	57	3	171
INTERSECTION IL90/IL40	87	3	261
RAILROAD CROSSING	-	-	-
STA. 65+60 AND 65+69	60	3	180
SIDE ROAD--HAKES ROAD	-	-	-
STA. 10+29.9 TO STA. 11+00	8	2	16
TOTAL			4433

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF
QUANTITIES**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	10

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EPOXY PAVEMENT MARKINGS						
LOCATION	4" WHITE (FT.)	4" YELLOW (FT.)	8" WHITE (FT.)	12" WHITE (FT.)	24" WHITE (FT.)	LETTERS AND SYMBOLS (SQ. FT.)
STA. 5+00 TO STA. 31+88 (BK)	5377	670	-	-	-	-
STA. 32+00 (AH) TO STA. 53+77	4354	545	-	-	-	-
BRIDGE OMISSION	-	-	-	-	-	-
STA. 53+77 TO STA. 54+42	132	17	-	-	-	-
STA. 54+40 TO STA. 58+36	792	98	-	-	-	-
STA. 58+36 TO STA. 65+60.1	1448	905	-	-	39	61.2
RAILROAD OMISSION	-	-	-	-	-	-
STA. 65+60.1 TO STA. 65+69.1	-	-	-	-	-	-
STA. 65+69.1 TO STA. 72+07	1276	798	-	-	39	61.2
STA. 72+07 TO STA. 131+93 (BK)	11972	3157	-	-	-	-
STA. 132+00 (AH) TO 137+71	1142	143	337	137	29	-
SIDEROAD- HAKES ROAD	-	-	-	-	-	-
STA. 10+29.9 TO STA. 11+00	141	141	-	-	-	-
SUBTOTAL	26634	6474	337	137	107	122.4
TOTAL	33108		337	137	107	122.4

NO PASSING ZONES:

RT. STA. 57+84 TO RT. STA. 65+60

LT. STA. 65+69 TO LT. STA. 72+16

RT. STA. 77+36 TO RT. STA. 84+15

LT. STA. 85+38 TO LT. STA. 94+23

*AREA OF RT. TURN ARROW= 15.6 SQ. FT.

AREA OF "R"= 3.6 SQ. FT.

AREA OF "X"= 54.0 SQ. FT.

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
STA. 5+00 TO STA. 137+64	168
TOTAL	168

CONSTRUCT TEST STRIP	
LOCATION	EACH
JOBSITE	1
TOTAL	1

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	11

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CLASS D PAVEMENT PATCHING TYPE III 16 INCH		
LOCATION	QUANTITY	SQ. YD.
STA. 5+00 TO STA. 137+71	2	41
TOTAL		41

CLASS D PAVEMENT PATCHING TYPE IV 16 INCH		
LOCATION	QUANTITY	SQ. YD.
STA. 100+26 TO STA. 100+66	1	116
TOTAL		116

ENGINEER'S FIELD OFFICE TYPE A	
LOCATION	CAL. MO.
Jobsite	1
TOTAL	1

MOBILIZATION	
LOCATION	L. SUM
Jobsite	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701201	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

RAILROAD PROTECTIVE LIABILITY INSURANCE	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF
QUANTITIES**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP			TOTAL	NO.
IL 90	661	103 RS-3	PEORIA	21	12

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PERMANENT SURVEY MARKERS TYPE I	
LOCATION	EACH
PLACE ON § AT THE FOLLOWING STATIONS:	
CURVE NO. 1 P.T. @ STA. 10+50.43	1
CURVE NO. 2 P.C. @ STA. 12+17.84	1
CURVE NO. 2 P.T. @ STA. 18+76.50	1
CURVE NO. 3 P.C. @ STA. 24+68.40	1
CURVE NO. 3 P.T. @ STA. 31+88.47 (BK)=32+00.50 (AH)	1
STA. 55+00 P.O.T.	1
STA. 70+00 P.O.T.	1
CURVE NO. 4 P.C. @ STA. 84+59.64	1
CURVE NO. 4 P.T. @ STA. 130+11.22	1
PLACE AT SECTION CORNERS:	
SOUTH QUARTER CORNER OF SECTION 14 @ 1.31' RT OF STA. 31+57.41	1
SOUTHWEST CORNER OF SECTION 13 @ 7.46' RT OF STA. 58+49.25	1
SOUTH QUARTER CORNER OF SECTION 13 @ 0.25' LT OF STA. 84+81.71	1
TOTAL	13

ILLINOIS DEPARTMENT OF TRANSPORTATION
**SCHEDULE OF
QUANTITIES**

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	13

D-94-068-02
CONTRACT # 68259

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL 1.5 IN	BITUMINOUS MATERIALS PRIME COAT	HMA LEVELING BINDER (MM) MIX TY 50	HMA SURF CSE MIX D, N 50 TY 9.5 OR 12.5, 1.5 IN	HOT-MIX ASPHALT SHOULDERS				AGGREGATE SHOULDERS TYPE B			
										LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON
STA. 5 + 00 TO 5 + 30	26.00	30.00	86.67	86.67	14.44		0.03		7.32								
STA. 5 + 30 LT. TO 31 + 88 LT. (BK)	13.00	2658.00	3839.33			3839.33	1.54	161.25	322.50					590.67	75.75		
STA. 32 + 00 LT. (AH) TO 52 + 29 LT.	13.00	2029.00	2930.78			2930.78	1.17	123.09	246.19					450.89	57.83		
STA. 5 + 30 RT. TO 31 + 88 RT. (BK)	13.00	2658.00	3839.33			3839.33	1.54	161.25	322.50							590.67	75.75
STA. 32 + 00 RT. (AH) TO 51 + 24 RT.	13.00	1924.00	2779.11			2779.11	1.11	116.72	233.45							427.56	54.83
STA. 51 + 24 RT. TO 53 + 47 RT.	13.00	223.00	322.11			322.11	0.13		27.32								
STA. 52 + 29 LT. TO 53 + 47 LT.	13.00	118.00	170.44			170.44	0.07	7.19	14.46								
STA. 53 + 47 TO 53 + 77	26.00	30.00	86.67	86.67	14.44		0.03		7.32								
STA. 54 + 42 TO 54 + 72	26.00	30.00	86.67	86.67	14.44		0.03		7.32								
STA. 54 + 72 LT. TO 56 + 95 LT.	13.00	223.00	322.11			322.11	0.13	13.59	27.32								
STA. 54 + 72 RT. TO 56 + 20 RT.	13.00	148.00	213.78			213.78	0.09	9.02	18.13								
STA. 56 + 20 RT. TO 65 + 30 RT.	13.00	910.00	1314.44			1314.44	0.53	55.47	111.48					202.22	25.93		
STA. 56 + 95 LT. TO 65 + 30 LT.	13.00	835.00	1206.11			1206.11	0.48	50.90	102.29							185.56	23.80
STA. 65 + 30 TO 65 + 60	26.00	30.00	86.67	86.67	14.44		0.03		7.32					6.67	0.86	6.67	0.86
STA. 65 + 69 TO 65 + 99	26.00	30.00	86.67	86.67	14.44		0.03		7.32					6.67	0.86	6.67	0.86
STA. 65 + 99 TO 107 + 00	26.00	4101.00	11847.33			11847.33	4.74	498.78	999.96					911.33	116.88	911.33	116.88
STA. 107 + 00 TO 109 + 60	26.00	260.00	751.11			751.11	0.30	31.62	63.40							57.78	7.41
STA. 109 + 60 RT. TO 131 + 93 RT. (BK)	13.00	2233.00	3225.44			3225.44	1.29	135.47	270.94							496.22	63.64
STA. 132 + 00 RT. (AH) TO 136 + 48 RT.	13.00	448.00	647.11			647.11	0.26	27.18	54.36							99.55	12.77
STA. 109 + 60 LT. TO 131 + 93 LT. (BK)	13.00	2233.00	3225.44			3225.44	1.29	135.47	270.94					496.22	63.64		
STA. 132 + 00 LT. (AH) TO 136 + 48 LT.	13.00	448.00	647.11			647.11	0.26	27.18	54.36					99.55	12.77		
STA. 136 + 48 RT. TO 136 + 78 RT.	13.00	30.00	43.33	43.33	14.44	43.33	0.02		3.68							6.67	0.86
STA. 136 + 48 LT. TO 136 + 78 LT.	13.00	30.00	43.33	43.33	14.44	43.33	0.02		3.68								
STA. 136 + 78 TO 137 + 71	VAR.	93.00	842.20			842.20	0.34		70.70								
BITUMINOUS SHOULDERS																	
STA. 52 + 29 TO 53 + 47	5.00	118.00	65.56			65.56	0.03			65.56	5.58						
STA. 51 + 24 TO 53 + 47	5.00	223.00	123.89			123.89	0.05					123.89	10.54				
STA. 53 + 47 TO 53 + 77	10.00	30.00	33.33			33.33	0.01			16.67	1.42	16.67	1.42				
STA. 54 + 42 TO 54 + 72	10.00	30.00	33.33			33.33	0.01			16.67	1.42	16.67	1.42				
STA. 54 + 72 TO 56 + 95	5.00	223.00	123.89			123.89	0.05			123.89	10.54						
STA. 54 + 72 TO 56 + 20	5.00	148.00	82.22			82.22	0.03					82.22	6.99				
STA. 107 + 00 TO 109 + 60	5.00	260.00	144.44			144.44	0.06			144.44	12.29						
STA. 136 + 48 TO 137 + 71	5.00	123.00	68.33			101.70	0.04			101.70	8.60						
SIDE ROADS																	
C.H. R53 HAKES RD.																	
STA. 10 + 70 TO 11 + 00	26.00	30.00	86.67	86.67	14.44		0.03		7.32								
T.R. 286																	
STA. 9 + 00 TO 9 + 30	15.00	30.00	50.00	50.00	7.22		0.02		4.24								
MAILBOX TURN-OUTS																	
9 TOTAL	6.00		71.20				0.14		8.10								9.13
GRAND-TOTAL				657	123	38,918	15.9	1,554	3,274	469	40	239	20	2,764	355	2,789	367
										TOTAL		708.3666667	60.197	TOTAL		5553	721

SURFACE TYPE	BIT PR COAT (GAL/SQ YD)	AGG PR COAT (LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW HOT-MIX ASPHALT COURSES	0.03	2

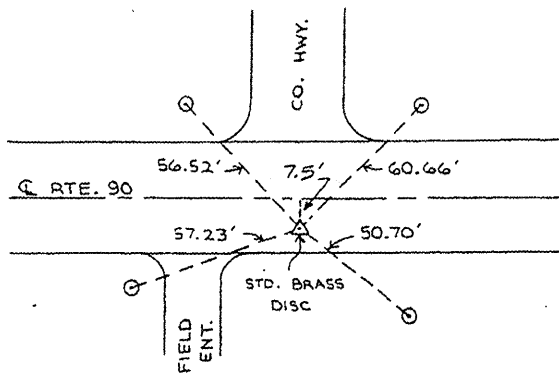
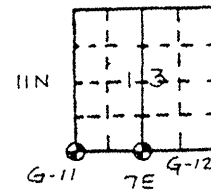
SURFACE TYPE	CONVERSION FACTOR
HMA SURF. COURSES	112 LB/SQ YD/IN
ALL OTHER HMA	112 LB/SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF RESURFACING QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	14

D-94-068-02

CONTRACT # 68259



**SOUTHWEST CORNER OF SECTION 13
@ 7.46' RT OF STA. 58+49.25**



SETTING OF DISK NOTES

ALL TIES FOR THESE SECTIONS, AS SHOWN, HAVE BEEN LOCATED IN THE FIELD AND SHALL BE VERIFIED BY A LICENSED LAND SURVEYOR PRIOR TO ANY MILLING OPERATIONS. THE SECTION CORNER SHALL BE RESET AT THE DIRECTION OF A LICENSED LAND SURVEYOR AFTER ALL PAVING AND STRIPING OPERATIONS ARE COMPLETE. IF ANY DIMENSIONS HAVE BEEN CHANGED, IT SHALL BE THE RESPONSIBILITY OF THE SURVEYOR TO FILE A NEW MONUMENT RECORD IN THE PEORIA COUNTY COURTHOUSE.

A COPY OF ALL DRAWINGS OR MONUMENT RECORDS PRODUCED FROM THIS PROJECT SHALL BE SENT TO THE CHIEF OF SURVEYS, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 4, PEORIA.

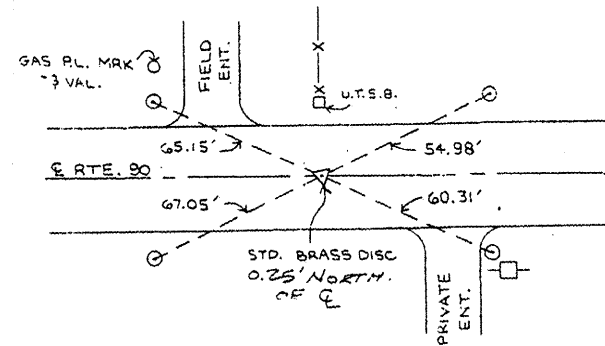
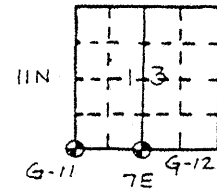
THE SUPPLYING, DRILLING, SETTING OF DISKS, PROFESSIONAL SERVICES, LABOR, AND ANY ADDITIONAL WORK REQUIRED TO PERFORM THIS WORK SHALL BE PAID FOR UNDER PAY ITEM 66700305 AND IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION
RECOVERY TIES
IL 90
NOT TO SCALE

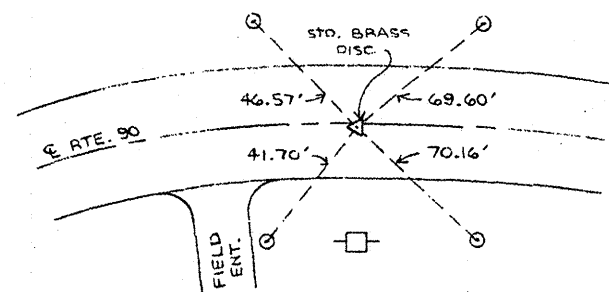
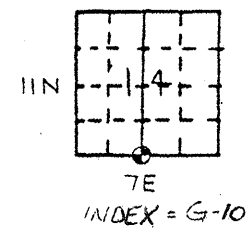
ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	15

D-94-068-02

CONTRACT # 68259



SOUTH QUARTER CORNER OF SECTION 13
@ 0.25' LT OF STA. 84+81.71



SOUTH QUARTER CORNER OF SECTION 14
@ 1.31' RT OF STA. 31+57.41
NOTE: DISK IS 1.3' SOUTH OF \mathcal{C}



SETTING OF DISK NOTES

ALL TIES FOR THESE SECTIONS, AS SHOWN, HAVE BEEN LOCATED IN THE FIELD AND SHALL BE VERIFIED BY A LICENSED LAND SURVEYOR PRIOR TO ANY MILLING OPERATIONS. THE SECTION CORNER SHALL BE RESET AT THE DIRECTION OF A LICENSED LAND SURVEYOR AFTER ALL PAVING AND STRIPING OPERATIONS ARE COMPLETE. IF ANY DIMENSIONS HAVE BEEN CHANGED, IT SHALL BE THE RESPONSIBILITY OF THE SURVEYOR TO FILE A NEW MONUMENT RECORD IN THE PEORIA COUNTY COURTHOUSE.

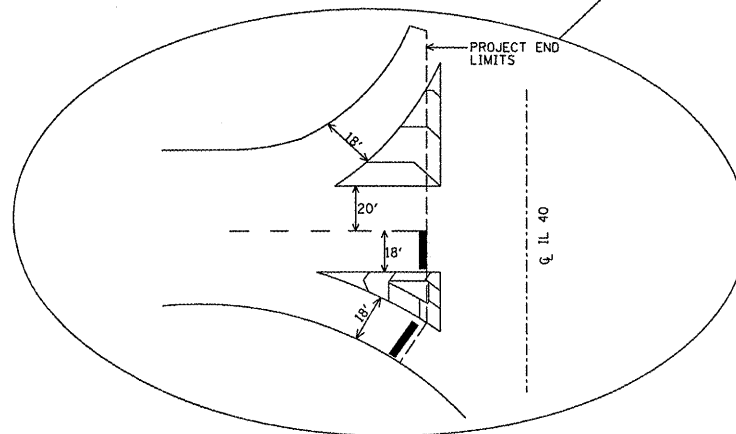
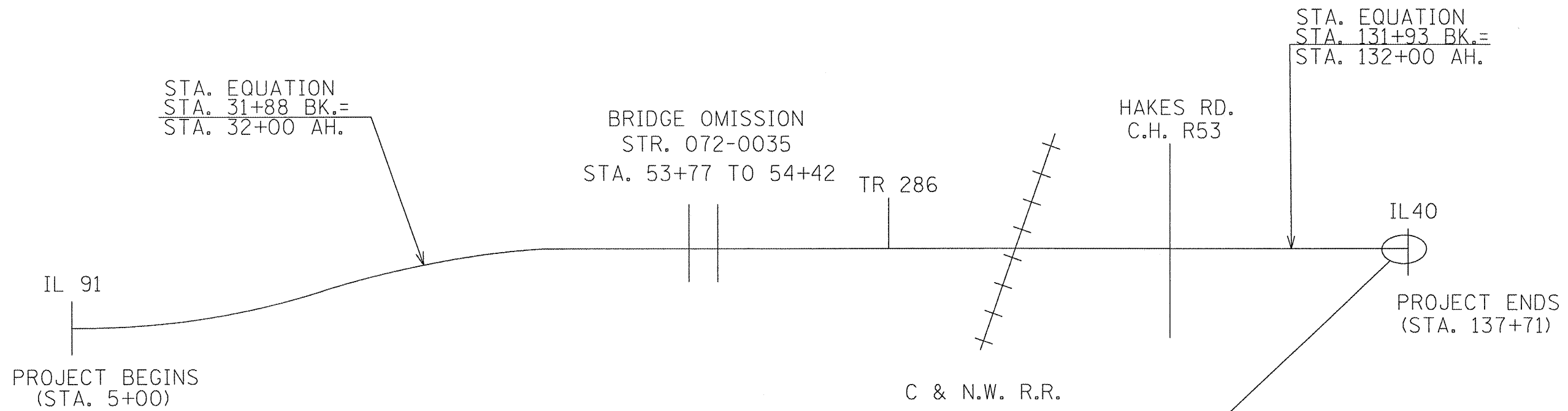
A COPY OF ALL DRAWINGS OR MONUMENT RECORDS PRODUCED FROM THIS PROJECT SHALL BE SENT TO THE CHIEF OF SURVEYS, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 4, PEORIA.

THE SUPPLYING, DRILLING, SETTING OF DISKS, PROFESSIONAL SERVICES, LABOR, AND ANY ADDITIONAL WORK REQUIRED TO PERFORM THIS WORK SHALL BE PAID FOR UNDER PAY ITEM 66700305 AND IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION
RECOVERY TIES
IL 90
NOT TO SCALE

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	16

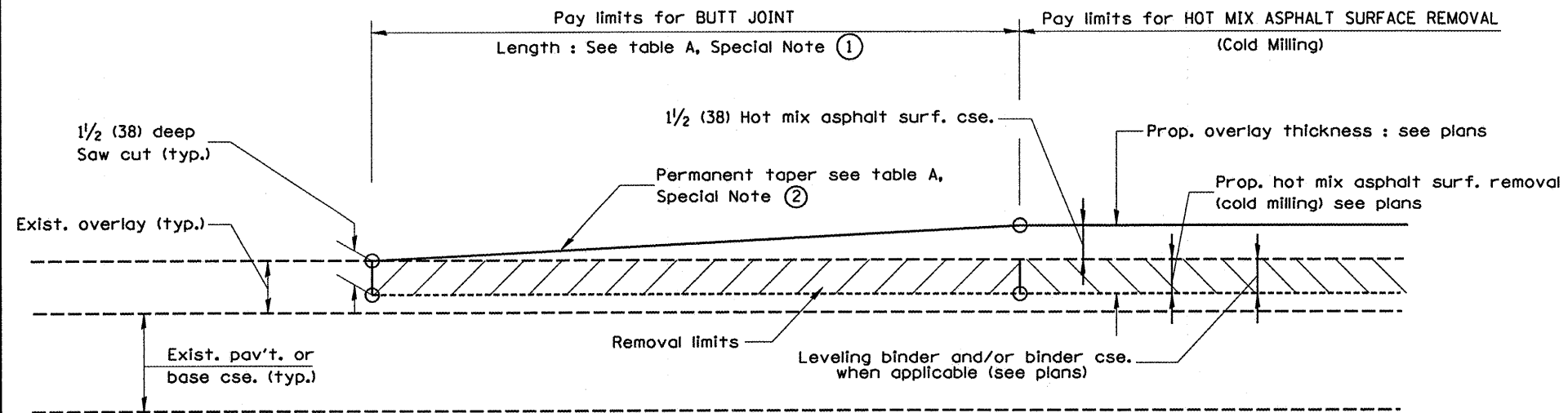
D-94-068-02
 CONTRACT # 68259



ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
IL 90
 NOT TO SCALE

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	17

D-94-068-02
CONTRACT # 68259



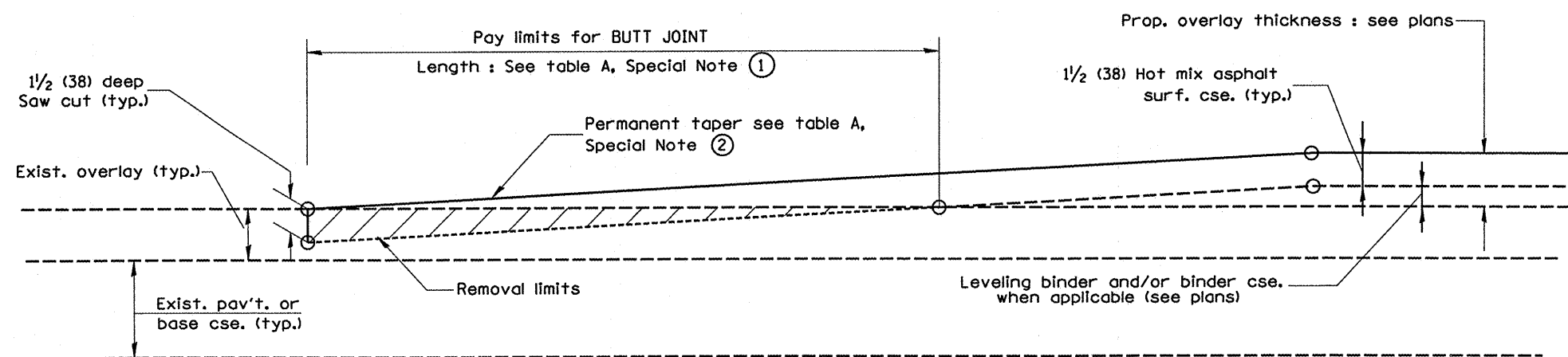
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.

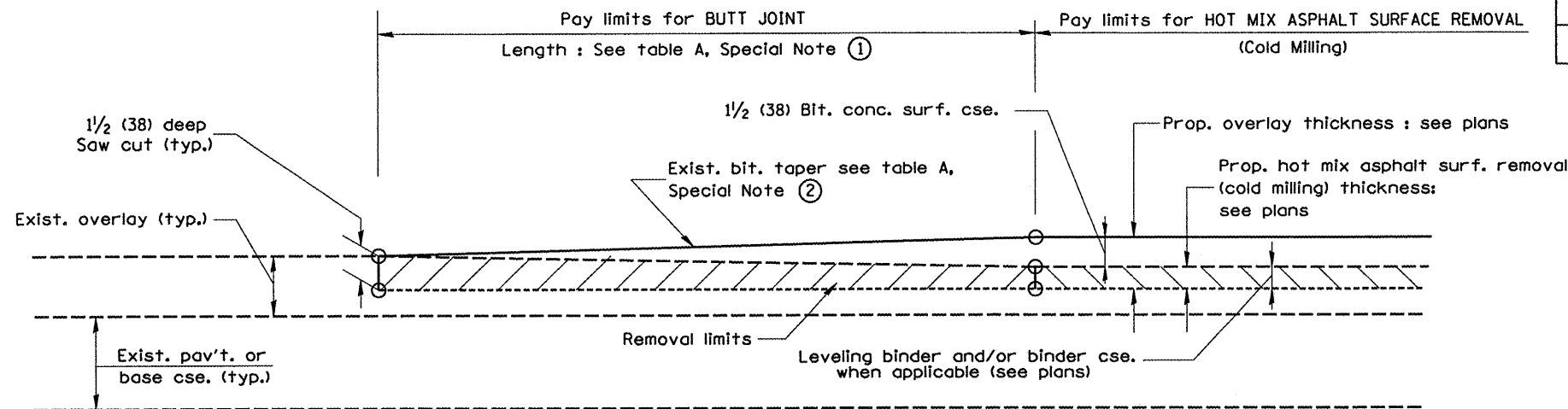
DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

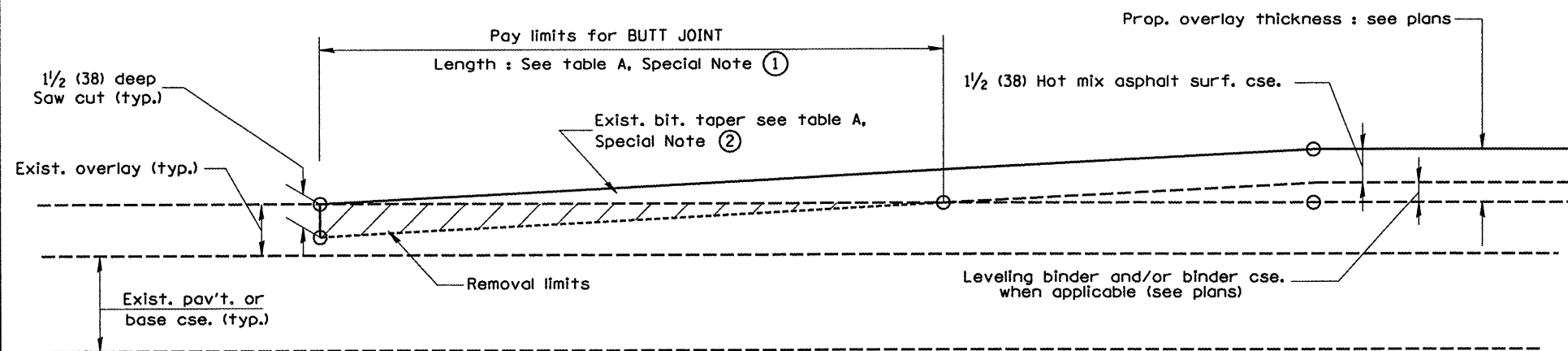
BUTT JOINTS
CADD STD NO. 406101-D4 SHEET 1 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE CHECKED BY

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	18

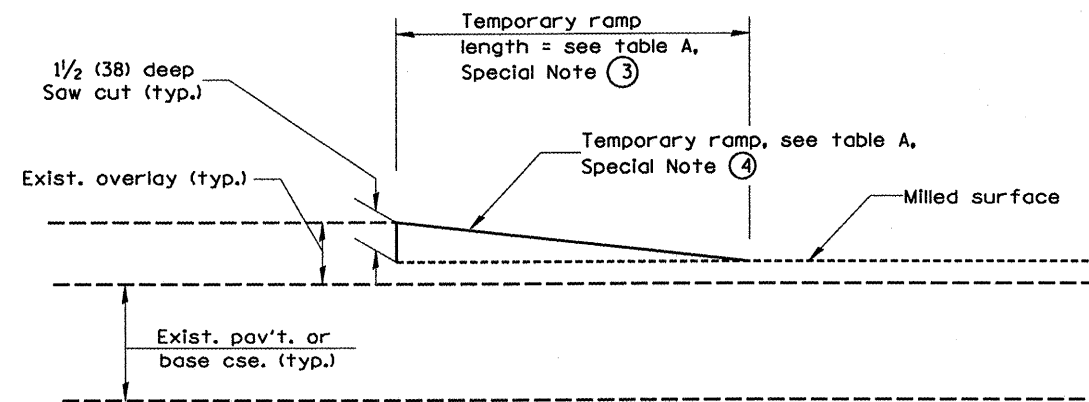
D-94-068-02
CONTRACT # 68259



**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

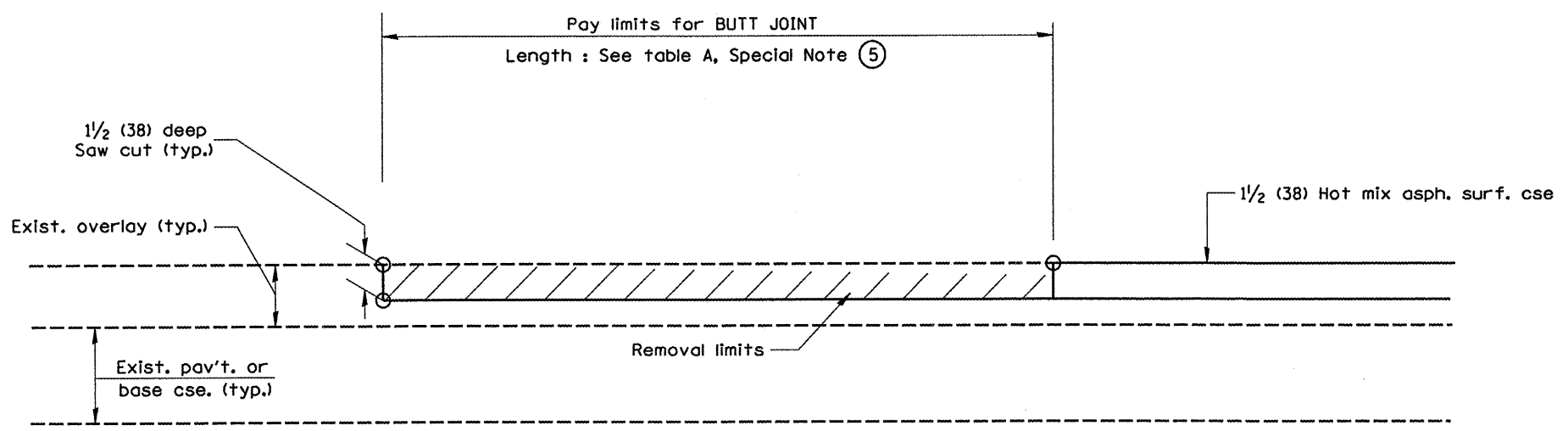
All dimensions are in inches (millimeters)
unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

BUTT JOINTS
CADD STD NO. 406101-D4 SHEET 2 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
CHECKED BY

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	19

D-94-068-02
 CONTRACT # 68259



**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.

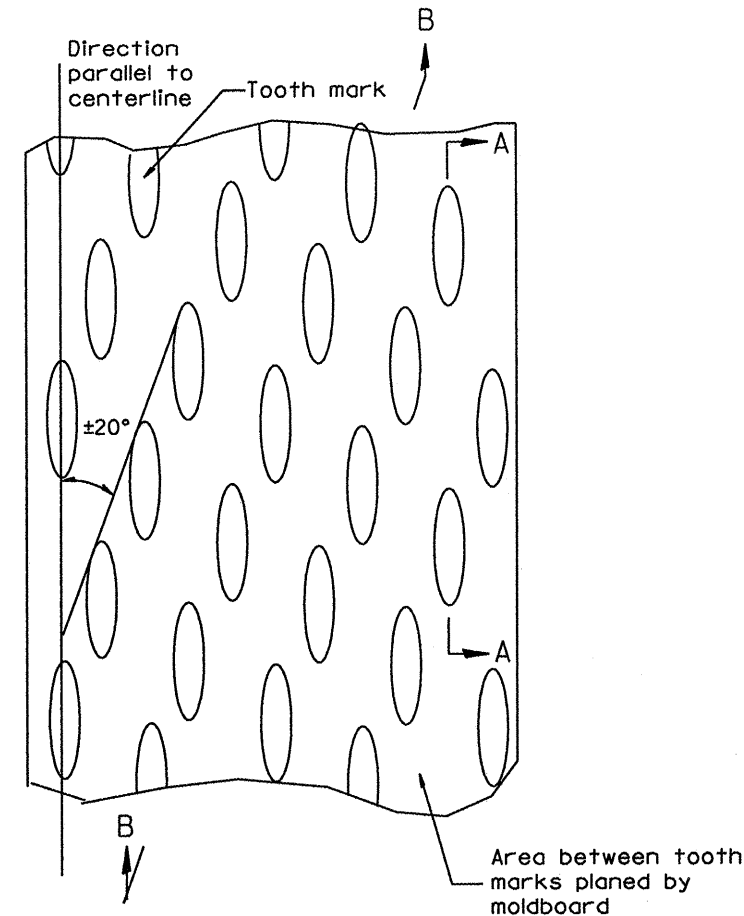
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 3 OF 3
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 CHECKED BY

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	20

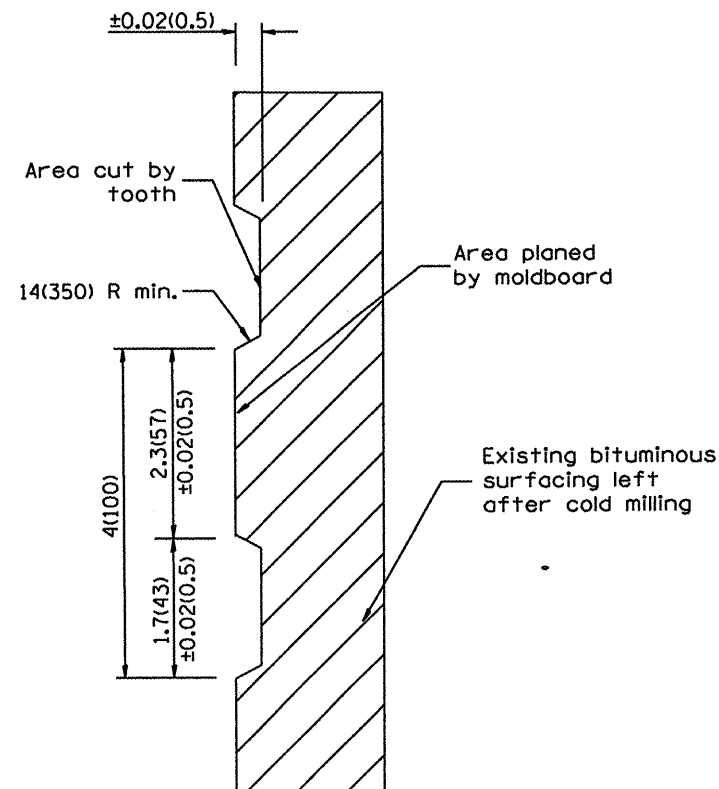
D-94-068-02
CONTRACT # 68259



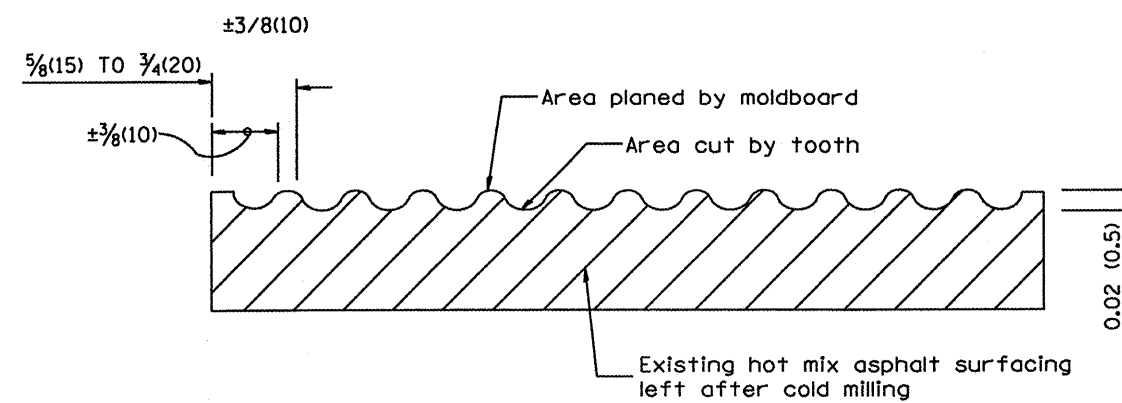
PLAN

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

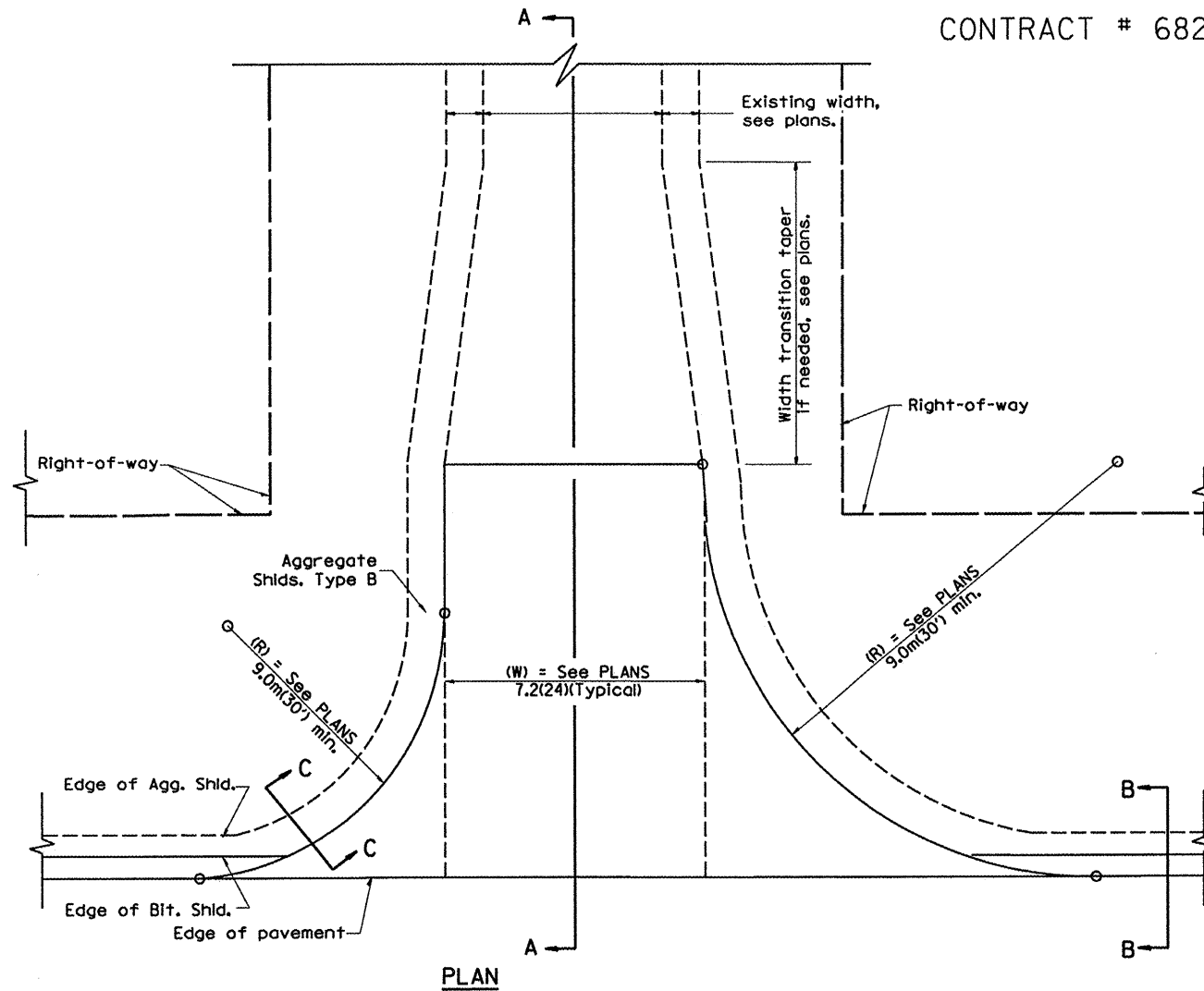
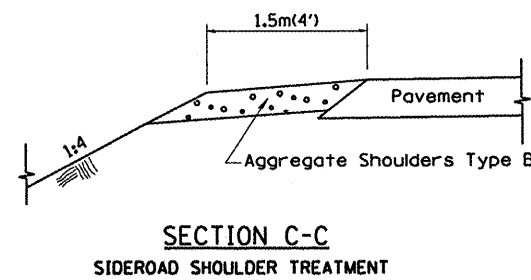
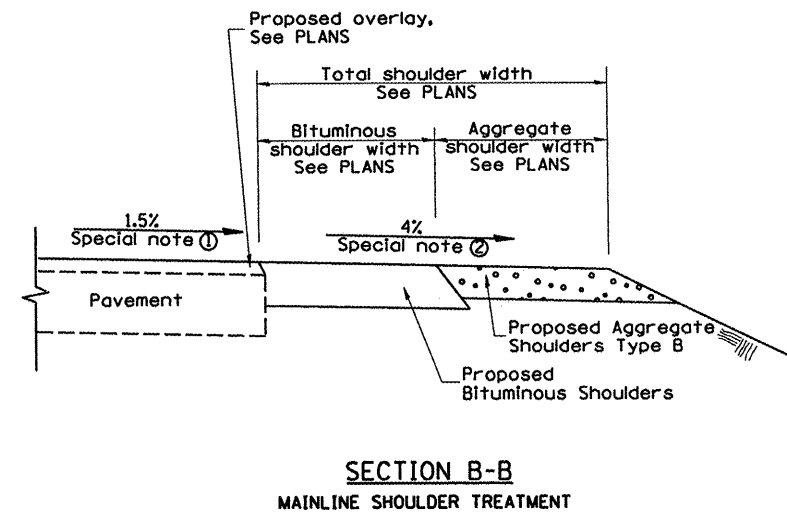
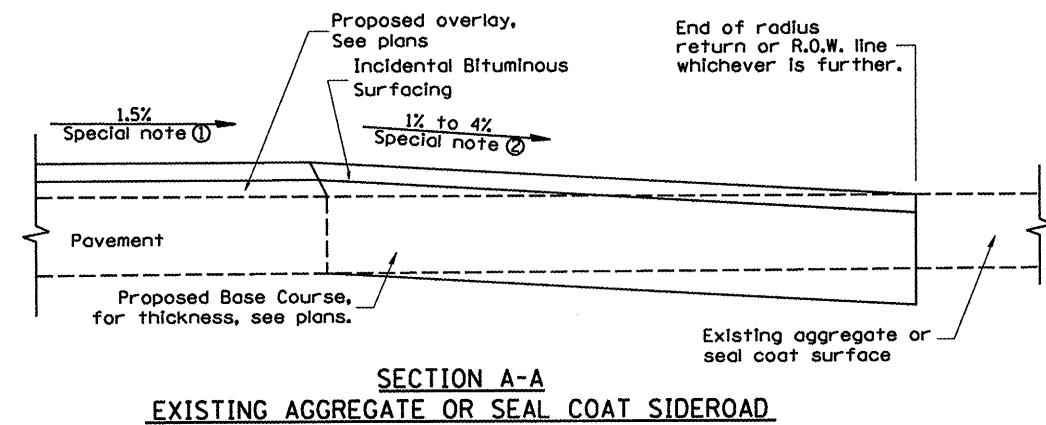
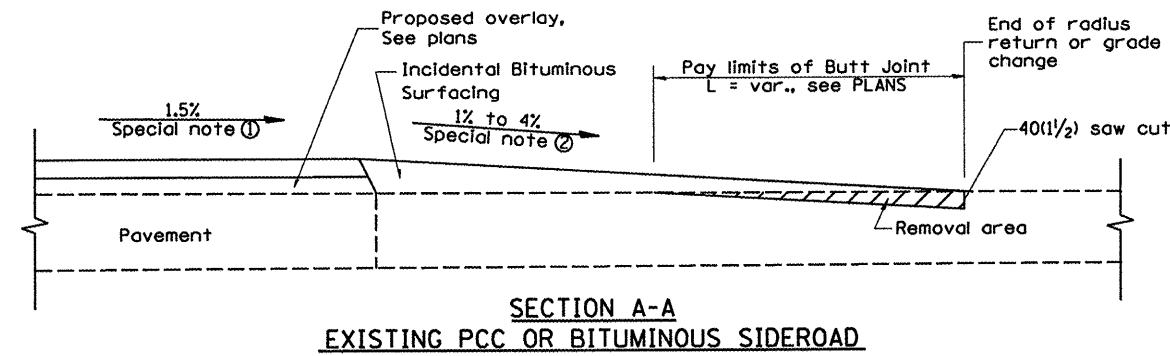
All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)	
CADD STD NO. 440001-D4	
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE	CHECKED BY

ROUTE		SECTION	COUNTY	SHEET	
MKD.	FAP	103 RS-3	PEORIA	TOTAL	NO.
IL 90	661			21	21

D-94-068-02
CONTRACT # 68259



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 15.0m(50') to 30.0m(100'), 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.

DATE	REVISED BY
1-1-97	T.P.
7-1-97	J.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

RURAL SIDEROADS FOR "3R" PROJECTS

CADD STANDARD NO. 406401-D4 DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE CHECKED BY T. PICKERING

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