

★100+3=103

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		PEORIA	100	1
FED. ROAD DIST. NO. 4 ILLINOIS		CONTRACT NO. 68890		
<small>(108X,130,102)RS-3;129RS-4;101RS-2</small>				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION (108X,130,102)RS-3;129RS-4;etc

PAVEMENT RESURFACING & RECONSTRUCTION
PEORIA COUNTY

C-94-081-09

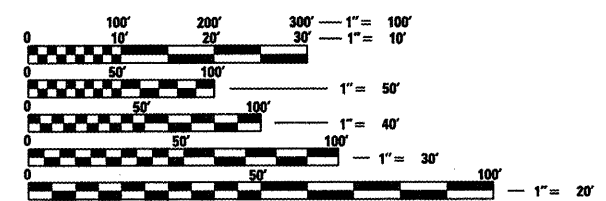
FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS

- | | | |
|-----------|-----------|-----------|
| 280001-04 | 630301-05 | 780001-02 |
| 406201-01 | 631031-07 | 781001-03 |
| 420001-07 | 635011-02 | BLR21-8 |
| 420111-02 | 667101-01 | |
| 420601-05 | 701006-03 | |
| 420701-02 | 701011-02 | |
| 442201-03 | 701301-03 | |
| 483001-04 | 701306-02 | |
| 601001-03 | 701311-03 | |
| 602306-02 | 701321-10 | |
| 602401-02 | 701326-03 | |
| 602601-02 | 701336-05 | |
| 604046-02 | 701901-01 | |
| 606001-04 | 704001-05 | |

CADD STANDARDS

- | | |
|-----------|-----------|
| 406101-D4 | 602006-D4 |
| 406301-D4 | 630101-D4 |
| 406401-D4 | 780001-D4 |
| 440001-D4 | |



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

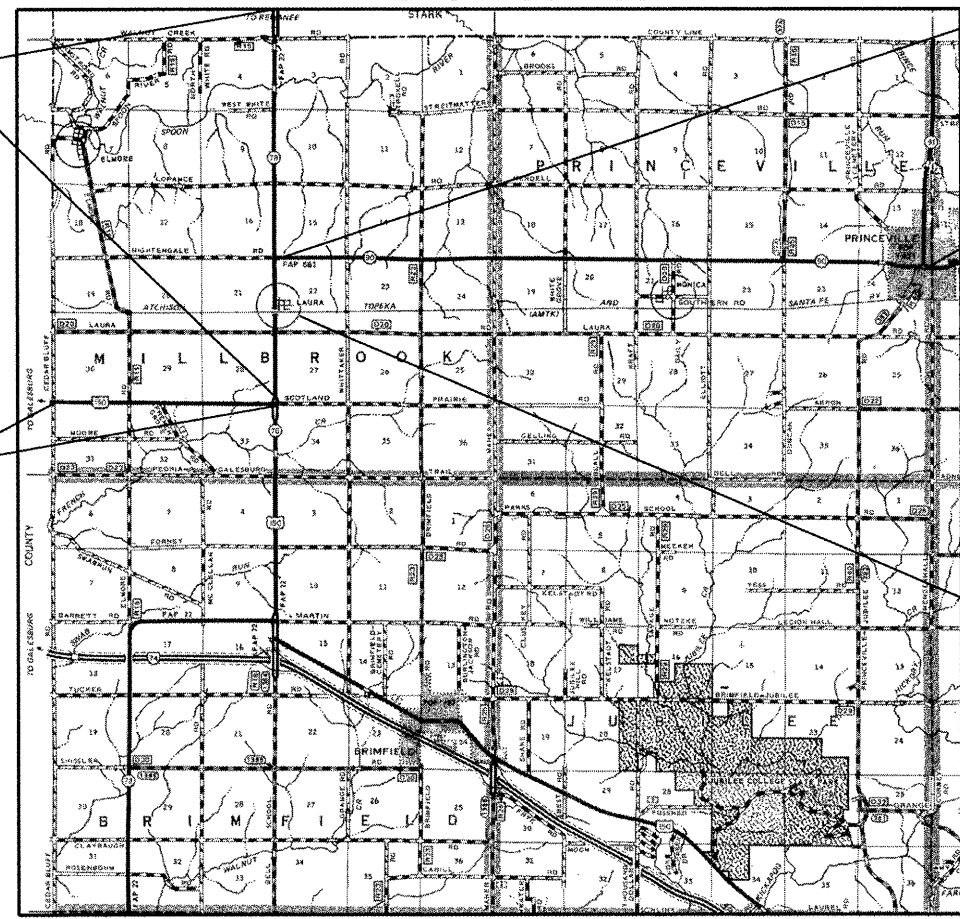
PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309)671-3453
PROJECT MANAGER: MICHAEL BOYER (309)671-3457
CONTRACT NO. 68890
CATALOG NO. 034238-00D

PROJECT C
BEGINS STARK-PEORIA
CO. LINE STA. 459+18
ENDS STA. 716+90

BRIDGE OMISSIONS:
IL 78 (SN.072-0031)
STA.493+87 TO STA.497+97

IL 90 (SN.072-0034)
STA.114+97 TO 115+63

PROJECT A
BEGINS STA. 754+80.00
ENDS STA. 10+23.00

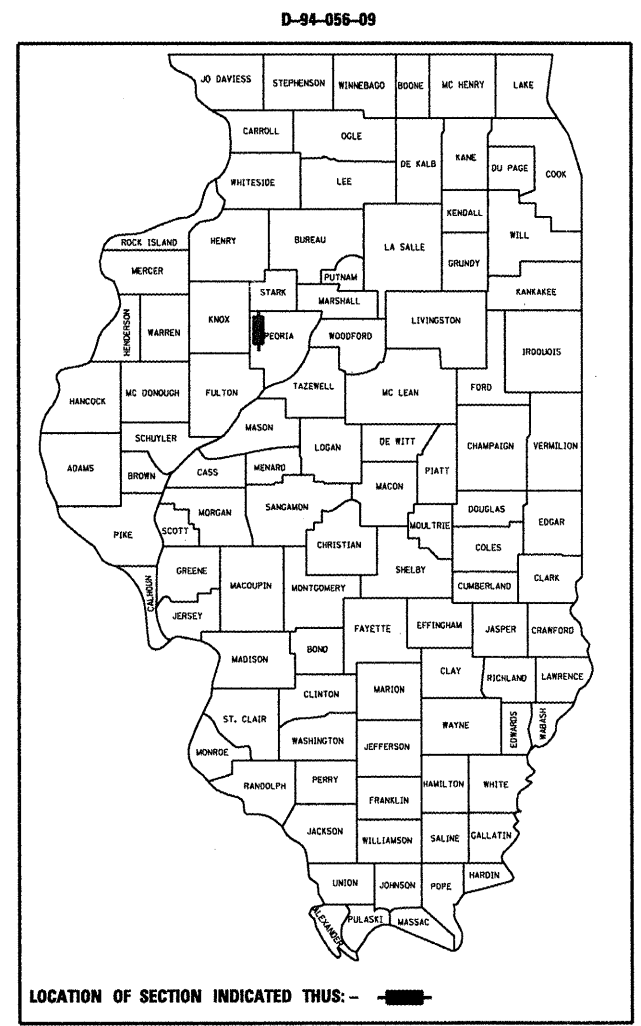


PROJECT D BEGINS
STA. 0+12.00

PROJECT D ENDS
STA. 590+93.00

PROJECT B
BEGINS STA. 653+86
ENDS STA. 664+00

PROJECT DESCRIPTION:
RESURFACE US 150 FROM KNOX COUNTY LINE TO IL (78), SOUTH OF LAURA;
IL 78 FROM STARK COUNTY LINE TO US 150(W), AND IL 90 FROM IL 78 TO IL 90(N)
IN PRINCEVILLE, INCLUDING RECONSTRUCTION OF IL 78 FROM MAPLE STREET TO
400 FEET SOUTH OF BNSF RR IN LAURA



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *April 10 20 09*
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 1 20 09
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
May 1 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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RESURFACING US 150 FROM KNOX COUNTY LINE TO IL 78 SOUTH OF LAURA
- 28-49. **PROJECT B**
RECONSTRUCTION OF IL 78 FROM MAPLE STREET TO 400 FEET SOUTH OF BNSF IN LAURA
- 50-65. **PROJECT C**
RESURFACING IL 78 FROM STARK COUNTY LINE TO US 150(W)
- 66-100. **PROJECT D**
RESURFACING IL 90 FROM IL 78 TO IL 91 IN PRINCEVILLE

GENERAL NOTES

UTILITIES – LOCATIONS / INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown — all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

Status of Utilities

Sta. 655 + 55	Crossing	2" HP Gas	Caution
Sta. 661 + 90	Crossing	Argo Oil Line	3' below pavement Caution

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.

PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U. S. G. S. mean sea level datum.
2. All elevations shown refer to U. S. G. S. datum at mean sea level unless otherwise noted.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

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.

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.

EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutter and driveway pavements shall be included in the unit cost of the various items.

AGGREGATE (DESCRIPTION), TYPE B

Aggregate (Description), 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.

AGGREGATE FOR DRIVEWAY REPLACEMENT

The material used 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 = 68890 resurfacing-reconstruction.dgn	USER NAME = jonesce	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CEJ	REVISED - ---			VAR		PEORIA	100	2
		CHECKED - ---	REVISED - ---			1108X,130,102RS-3;129RS-4,101RS-2				CONTRACT NO. 68890
		DATE - 04/08/2009	REVISED - ---			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	

PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

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

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

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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Mixture Use(s):	Surface Course	Incidental Surface Course	Level Binder Course	Class D Patches	HMA Shoulder (Lower Lifts)	HMA Shoulder (Surface lift if not paved w/mainline)
AC/PG:	PG 64-22	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	15%	0%	25%	30%	30%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=30	4.0% @ N=30
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 19.0L	IL 9.5L
Friction Aggregate:	Mixture D (Dolomite only)	Mixture C	N.A.	N.A.	N.A.	Mixture C

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

BUTT JOINT CUTTING TIME RESTRICTION

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

PAVING SURFACE COURSE

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

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

JOB SPECIFIC NOTE (IL 78 VIADUCT IN LAURA)

The limits and quantities of removal and replacement of unsuitable material shown is based on the boring data. After removal of the existing pavement the District Geotechnical Engineer is to be contacted to establish the final removal limits for Unsuitable Material.

COMITTMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made. No Commitments have been made for this project.

FILE NAME = 68890 resurfacing-reconstruction.dgn	USER NAME = joneace	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & COMMITMENTS	F.A. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
		DRAWN - CEJ	REVISED - ---			VAR =		PEORIA	100	3	
	PLOT SCALE = 1/8" = 103.7051' / IN.	CHECKED - ---	REVISED - ---			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 68890		
	PLOT DATE = 4/8/2009	DATE - 04/08/2009	REVISED - ---			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE
ROADWAY
1000
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000 RURAL
20200600	EXCAVATING ^{AND} GRADING EXISTING SHOULDER	UNIT	465	465
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3406	3406
20700220	POROUS GRANULAR EMBANKMENT	CU YD	579	579
20800150	TRENCH BACKFILL	CU YD	206	206
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3406	3406
28000500	INLET AND PIPE PROTECTION	EACH	1	1
28200200	FILTER FABRIC	SQ YD	375	375
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	2323.7	2323.7
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	146.8	146.8
40600300	AGGREGATE (PRIME COAT)	TON	848.4	848.4
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	6180	6180
40600990	TEMPORARY RAMP	SQ YD	489	489
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	21671	21671
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	343	343
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	2291.7	2291.7
42001200	PAVEMENT FABRIC	SQ YD	2291.7	2291.7
44000100	PAVEMENT REMOVAL	SQ YD	2194.1	2194.1
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	73200	73200
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	833	833
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	171805	171805
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	13608	13608

* Denotes Specialty Item.

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE
ROADWAY
1000
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000 RURAL
44000400	GUTTER REMOVAL	FOOT	669	669
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	543	543
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	445.4	445.4
44200132	PAVEMENT ^{PATCHING} TYPE II, 11 INCH	SQ YD	976	976
44200136	PAVEMENT ^{PATCHING} TYPE III, 11 INCH	SQ YD	224	224
44200138	PAVEMENT ^{PATCHING} TYPE IV, 11 INCH	SQ YD	187	187
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	20	20
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	748	748
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	41	41
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	859	859
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	85	85
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	120	120
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5519	5519
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	20647	20647
48203100	HOT-MIX ASPHALT SHOULDERS	TON	204	204
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	398.2	398.2
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	116	116
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	98	98
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	47	47
55100500	STORM SEWER REMOVAL 12"	FOOT	34	34
55100700	STORM SEWER REMOVAL 15"	FOOT	119	119
55100900	STORM SEWER REMOVAL 18"	FOOT	33	33

* Denotes Specialty Item.

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				1000 RURAL
55101200	STORM SEWER REMOVAL 24"	FOOT	8	8
55101400	STORM SEWER REMOVAL 30"	FOOT	56	56
60107700	PIPE UNDERDRAINS 6"	FOOT	1730	1730
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60219200	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1
60240305	INLETS, TYPE B, TYPE 10 FRAME AND GRATE	EACH	4	4
60265110	INLETS TO BE CONSTRUCTED WITH SALVAGED FRAME AND GRATE	EACH	1	1
60500040	REMOVING MANHOLES	EACH	3	3
60500060	REMOVING INLETS	EACH	7	7
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7.7	7.7
60602900	CONCRETE GUTTER, TYPE B (MODIFIED)	FOOT	1358	1358
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	92	92
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1
63200310	GUARDRAIL REMOVAL	FOOT	400	400
64200105	SHOULDER RUMBLE STRIP	FOOT	48652	48652
66700095	PERMANENT SURVEY MARKERS	EACH	66	66
66700605	PERMANENT SURVEY TIES	EACH	52	52
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1

* Denotes Specialty Item.

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				1000 RURAL
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	24548	24548
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	245801	245801
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	135	135
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	100	100
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	25	25
70300500	PAVEMENT MARKING TAPE, TYPE III	FOOT	2762	2762
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3887	3887
70400100	TEMPORARY CONCRETE BARRIER	FOOT	950	950
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	950	950
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32	32
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	249858	249858
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	475	475
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	583	583
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	322	322
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	144	144
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	962	962
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	16	16

* Denotes Specialty Item.

DESIGNER: CHRISTOPHER MAUSHARD PROJECT ENGR.: CHRISTOPHER MAUSHARD 309-671-3453

INDEX OF SHEETS

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- 2-3 GENERAL NOTES
- 4-6 SUMMARY OF QUANTITIES
- 7-8 TYPICAL SECTIONS
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- 13-16 PAVEMENT MARKING DETAILS
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- 18-21 CADD STANDARDS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
VARIOUS ROUTES
SECTION (108X,130,102)RS-3;129RS-4,101RS-2
COUNTY PEORIA

SHEET 7 OF 100



HIGHWAY STANDARDS

- 442201-03
- 701301-03
- 701306-02
- 701311-03
- 701336-05
- 701901-01
- 780001-02
- 781001-03

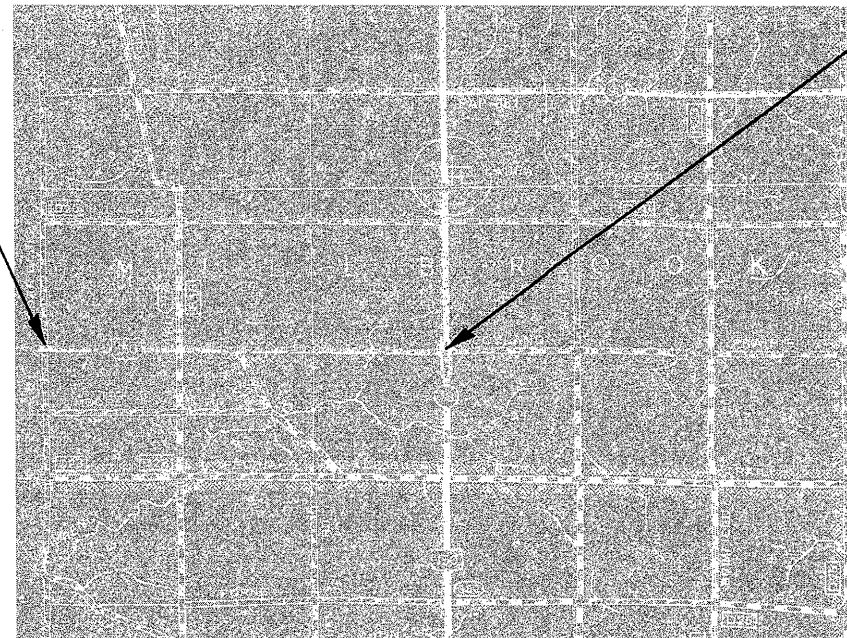
CADD STANDARDS

- 406101-D4
- 440001-D4

ADT = 1350
 MU = 140

IMPROVEMENT BEGINS
 STA. 754+80.00

STATION EQUATIONS:
 STA 907+42.50 BK =
 STA 18+50.00 AH



IMPROVEMENT ENDS
 STA. 10+23.00

COVER SHEET FOR INFORMATION ONLY

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

PROJECT DESCRIPTION

THE WORK ON THIS PROJECT CONSIST OF PATCHING,
 HMA SURFACE REMOVAL, RESURFACING AND OTHER
 RELATED WORK ON US 150 FROM THE KNOX COUNTY LINE
 TO IL 78 IN PEORIA COUNTY.

CONTRACT NO. 68890

GROSS LENGTH = 3.00 MILES
 NET LENGTH = 3.00 MILES

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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 to placement of the bituminous surface course.

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	8

***(108X,130,102)RS-3;129RS-4,101RS-2**

PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)"

where X represents the pavement station

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

THIS SHEET FOR INFORMATION ONLY

GENERAL NOTES

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.

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	9

***(108X,130,102)RS-3;129RS-4,101RS-2**

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.

BITUMINOUS MIXTURE REQUIREMENTS

4/2/2009

The following mixture requirements are applicable for this project:

Contract 68471 US 150 from Knox Cty line to IL 78(N)

Mixture Use(s):	Surface Course	Level Binder Course	Incidental Surface	Class D Patches
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	0%	15%	25%
Design Air Voids:	4.0% @ N=50	3.0% @ 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	IL 19.0
Friction Aggregate:	Mixture D (dolomite only)	N.A.	Mixture C	N.A.

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

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made. No commitments were made on this project.

THIS SHEET FOR INFORMATION ONLY

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	10

***(108X,130,102)RS-3;129RS-4,101RS-2**

Summary of Quantities				ROUTE	SECTION	COUNTY	SHEET
Code Order				FAS	100	PEORIA	TOTAL
				US	150		NO.

CONSTRUCTION TYPE CODE			
ROADWAY			
1000			

CODE No.	ITEM	UNIT	Tot.QTY
----------	------	------	---------

40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	18	18		
40600300	AGGREGATE (PRIME COAT)	TON	133	133		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	845	845		
40600990	TEMPORARY RAMP	SQ YD	194	194		
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3741	3741		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	44374	44374		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	859	859		
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	85	85		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	120	120		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2282	2282		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		

(X)Specialty Item

06-Apr-09

Page 1 of 3

FOR INFORMATION ONLY

SUMMARY OF QUANTITIES
US 150

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	12

***(108X,130,102)RS-3;129RS-4,101RS-2**

Summary of Quantities Code Order	ROUTE		SECTION	COUNTY	SHEET	
	FAS	100	108	PEORIA	TOTAL	NO.
	US	150				

CONSTRUCTION TYPE CODE			
ROADWAY			
1000			

CODE No.	ITEM	UNIT	Tot.QTY				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	49	49			
X0322729	MATERIAL TRANSFER DEVICE	TON	3741	3741			
X2503100	MOWING	UNIT	159	159			
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1860	1860			

(X)Specialty Item

06-Apr-09

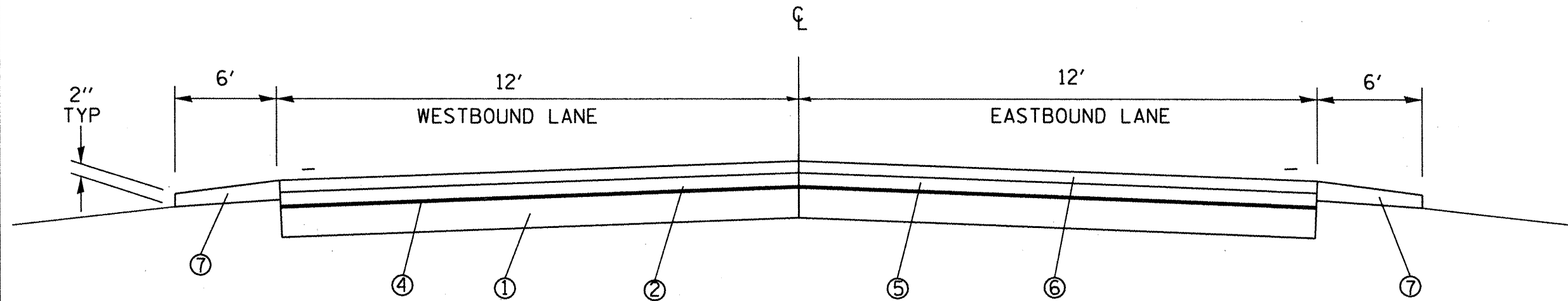
Page 3 of 3

FOR INFORMATION ONLY

SUMMARY OF QUANTITIES
US 150

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	13

***(108X,130,102)RS-3;129RS-4,101RS-2**



TYPICAL SECTION #1
 US 150
 STA. 754+80.00 TO STA. 907+42.50

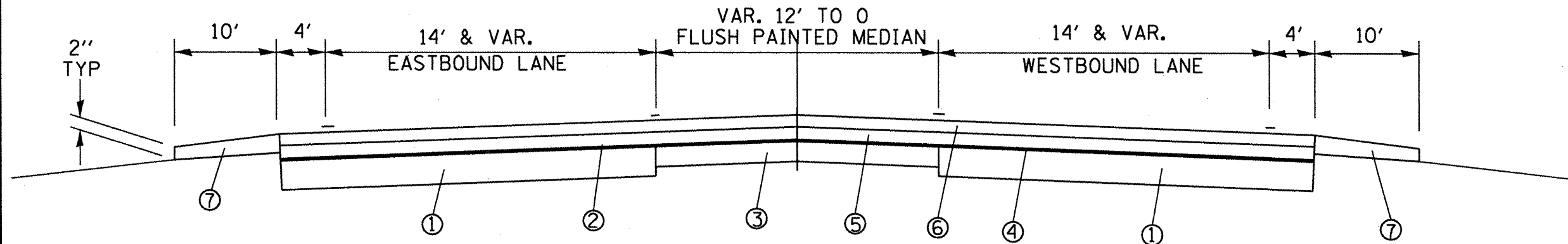
LEGEND

- ① EXIST. PCC PAVMENT
- ② EXIST. HMA OVERLAY
- ③ EXIST. HMA BASE COURSE 10"
- ④ PROP. HMA SURFACE REMOVAL 1 1/2"
- ⑤ PROP. HMA LEVELING BINDER 3/4"
- ⑥ PROP. HMA SURF. CSE. 1 1/2"
- ⑦ PROP. AGGREGATE SHOULDERS

US 150
 TYPICAL SECTIONS

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	14

***(108X,130,102)RS-3;129RS-4,101RS-2**



TYPICAL SECTION #2
US 150
STA. 10+23.00 TO STA. 18+50.00

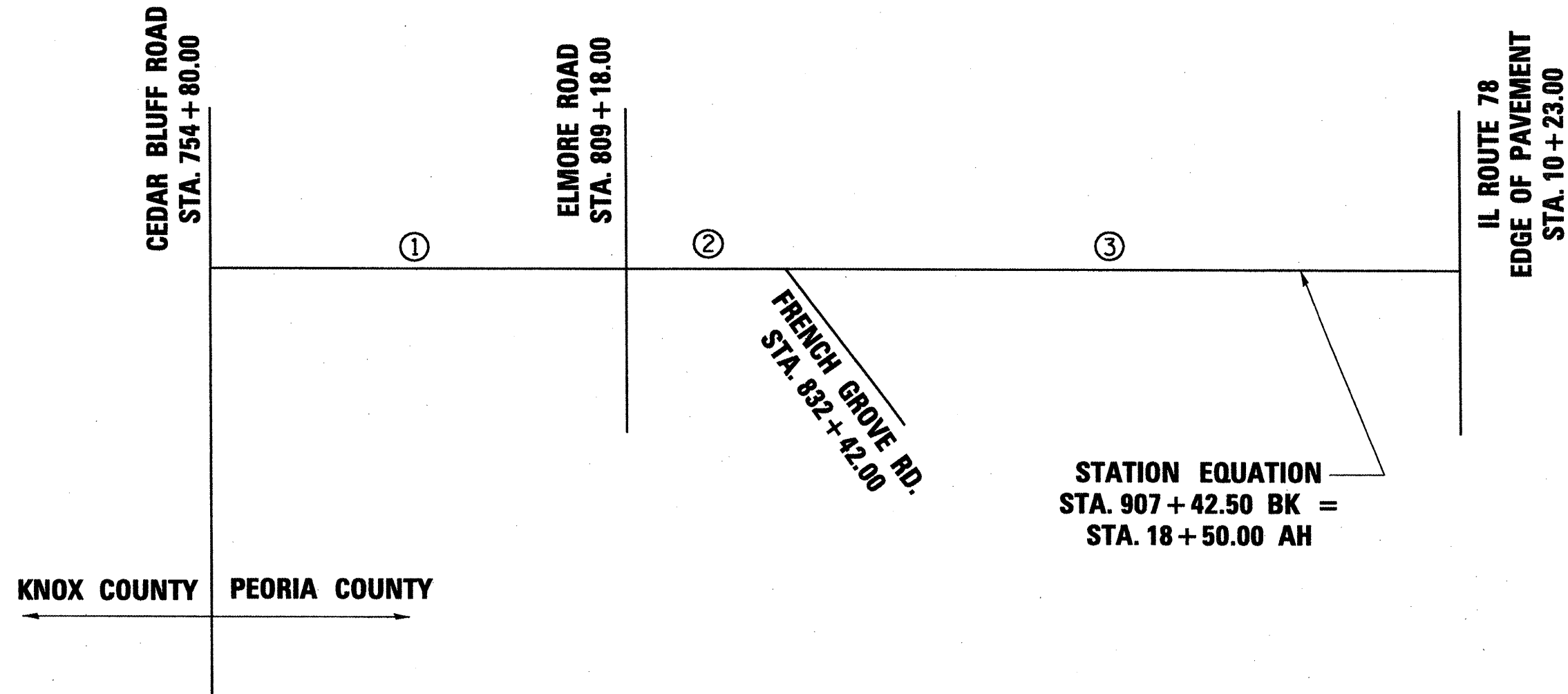
LEGEND

- ① EXIST. PCC PAVMENT
- ② EXIST. HMA OVERLAY
- ③ EXIST. HMA BASE COURSE 10"
- ④ PROP. HMA SURFACE REMOVAL 1 1/2"
- ⑤ PROP. HMA LEVELING BINDER 3/4"
- ⑥ PROP. HMA SURF. CSE. 1 1/2"
- ⑦ PROP. AGGREGATE SHOULDERS

US 150
TYPICAL SECTIONS

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	15

***(108X,130,102)RS-3;129RS-4,101RS-2**



KNOX COUNTY PEORIA COUNTY

○ = PATCHING UNIT

**LINE DIAGRAM
US 150**

SCHEDULE OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	16

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

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

***(108X,130,102)RS-3;129RS-4,101RS-2**
ASSUME 2 APPLICATIONS EACH OF
BITUMINOUS MATERIALS (PRIME COAT) AND
AGGREGATE MATERIALS (PRIME COAT)

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	TEMP RAMP	HMA SURFACE REMOVAL 1 1/2"	BIT MATL'S. PRIME COAT	AGGREGATE MATERIALS PRIME COAT	HMA LEVEL. BIND 3/4"	HMA SURF. CSE. 1 1/2"	AGGREGATE SHOULDERS TYPE B	
											LEFT SIDE	RIGHT SIDE
											TON	TON
CEDAR BLUFF RD. TO ELMORE RD												
STA. 754+80.00 TO 809+18.00 EB	12.00	5438.00	7250.67	40.00	6.67	7,250.67	2.90	21.75	304.53	609.06		373.77
STA. 754+80.00 TO 809+18.00 WB	12.00	5438.00	7250.67	40.00	6.67	7,250.67	2.90	21.75	304.53	609.06	373.77	
ELMORE RD. TO FRENCH GROVE												
STA. 809+18.00 TO 832+42.00 EB	12.00	2324.00	3098.67			3,098.67	1.24	9.30	130.14	260.29		159.73
STA. 809+18.00 TO 832+42.00 WB	12.00	2324.00	3098.67			3,098.67	1.24	9.30	130.14	260.29	159.73	
FRENCH GROVE TO STATION EQN.												
STA. 832+42.00 TO 907+42.50 EB	12.00	7500.50	10000.67			10,000.67	4.00	30.00	420.03	840.06		515.53
STA. 832+42.00 TO 907+42.50 WB	12.00	7500.50	10000.67			10,000.67	4.00	30.00	420.03	840.06	515.53	
IL 78 TO STATION EQN.												
STA. 10+23.00 TO 10+50.00	181.50	27.00	544.50	605.00	100.83	544.50	0.22	1.63	22.87	45.74	3.04	3.04
STA. 10+50.00 TO 10+75.00	61.50	25.00	170.83			170.83	0.07	0.51	7.18	14.35	2.81	2.81
STA. 10+75.00 TO 11+25.76	45.00	50.76	253.80			253.80	0.10	0.76	10.66	21.32	5.71	5.71
STA. 11+25.76 TO 12+00.00	39.88	74.24	328.97			328.97	0.13	0.99	13.82	27.63	8.35	8.35
STA. 12+00.00 TO 12+75.00	39.38	75.00	328.17			328.17	0.13	0.98	13.78	27.57	8.44	8.44
STA. 12+75.00 TO 13+85.78	38.00	110.78	467.74			467.74	0.19	1.40	19.64	39.29	12.46	12.46
STA. 13+85.78 TO 14+25.78	36.50	40.00	162.22			162.22	0.06	0.49	6.81	13.63	4.50	4.50
STA. 14+25.78 TO 15+75.78	33.50	150.00	558.33			558.33	0.22	1.68	23.45	46.90	16.87	16.87
STA. 15+75.78 TO 16+37.89	29.57	62.11	204.07			204.07	0.08	0.61	8.57	17.14	6.99	6.99
STA. 16+37.89 TO 17+25.00	26.87	87.11	260.07			260.07	0.10	0.78	10.92	21.85	9.80	9.80
STA. 17+25.00 TO 18+50.00	24.70	115.00	315.61			315.61	0.13	0.95	13.26	26.51	12.93	12.93
SIDEROADS												
ELMORE RD LT/RT	10.00	96.00	106.67	106.67	53.33		0.04	0.20		8.96		
FRENCH GROVE RT	10.00	48.00	53.33	53.33	26.66		0.02	0.10		4.48		
PRIVATE ENTRANCES												
3 TOTAL - ASSUME 8'X30' AVERAGE	8.00	90.00	80.00			80.00	0.03	0.16		6.72		
TOTALS				845	194	44,374	18	133	1,860	3741	1141	1141

SCHEDULE OF QUANTITIES

*(108X,130,102)RS-3;129RS-4,101RS-2

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	17

PAVEMENT PATCHING							
LOCATION	UNIT	TYPE II		TYPE III		TYPE IV	
		NO. OF PATCHES	SQ YDS	NO. OF PATCHES	SQ YDS	NO. OF PATCHES	SQ YDS
IL 78 TO ELMORE RD	1						
EASTBOUND		21	163.3			1	40.0
WESTBOUND		22	181.3			1	40.0
ELMORE RD TO FRENCH GROVE	2						
EASTBOUND		5	42.7				
WESTBOUND		5	40.0				
FRENCH GROVE TO IL ROUTE 78	3						
EASTBOUND		26	218.7	2	42.7	1	40.0
WESTBOUND		26	213.3	2	42.7		
TOTAL		105	859	4	85	3	120

TRAFFIC CONTROL & PROTECTION, STANDARD 701306	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION, STANDARD 701336	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE TYPE A	
LOCATION	CAL MO
JOBSITE	
TOTAL	0

WORK ZONE PAVEMENT MARKING REM	
LOCATION	SQ FT
JOBSITE (1 APPLICATION)	528
TOTAL	528

MOBILIZATION	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
STA. 10+23.00 TO 18+50.00	49
TOTAL	49

SHORT TERM PAVEMENT MARKING	
LOCATION	FOOT
JOBSITE	1584
X 3 APPLICATIONS	4,752
TOTAL	4,752

RAISED REFLECTIVE PAVEMENT MARKERS	
LOCATION	EACH
STA. 10+23.00 TO 18+50.00	49
TOTAL	49

SCHEDULE OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	18

***(108X,130,102)RS-3;129RS-4,101RS-2**

MATERIAL TRANSFER DEVICE	
LOCATION	TON
JOBSITE	3,741
TOTAL	3,741

MOWING	
LOCATION	UNIT
JOBSITE (1 APPLICATION)	159
TOTAL	159

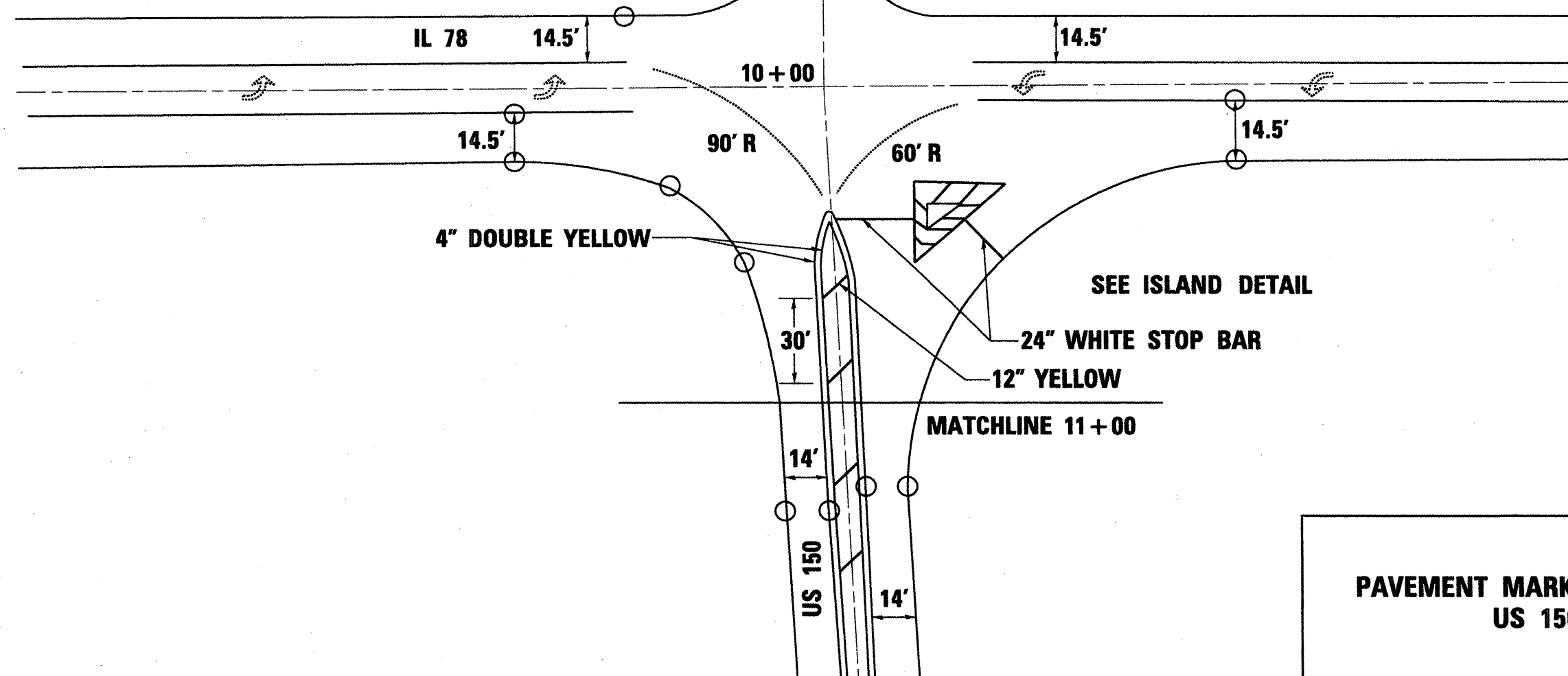
EPOXY AND TEMPORARY PAINT PAVEMENT MARKINGS						
	LINE - 4"	LINE - 4"	LINE - 4"	LINE - 24"	LINE - 8"	LINE - 12"
LOCATION	YELLOW	YELLOW	WHITE	WHITE	WHITE	WHT/YLW
	SKIP	SOLID	SOLID	SOLID	SOLID	SOLID
	FEET	FEET	FEET	FEET	FEET	FEET
* Centerline/Edgeline						
STA 754+80.00 TO STA. 899+42.50	3615	800	28925			
STA. 899+42.50 TO STA. 907+42.50		1600	1600			
STA. 10+23.00 TO STA. 18+50.00		3955	1475	25	135	100
SEE PAVEMENT MARKING DETAILS						
TOTAL	3,615	6,355	32,000	25	135	100

The quantity shown represents one application of the epoxy pavement markings required
 The same quantity is required if temporary paint pavement markings are used
 *Locations shown are approximate. Field verify exact locations before milling.

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	1
TOTAL	1

ROUTE		SECTION	COUNTY		SHEET	
F.A.	VAR	*	PEORIA		TOTAL	NO.
MKD.	US 150				100	19

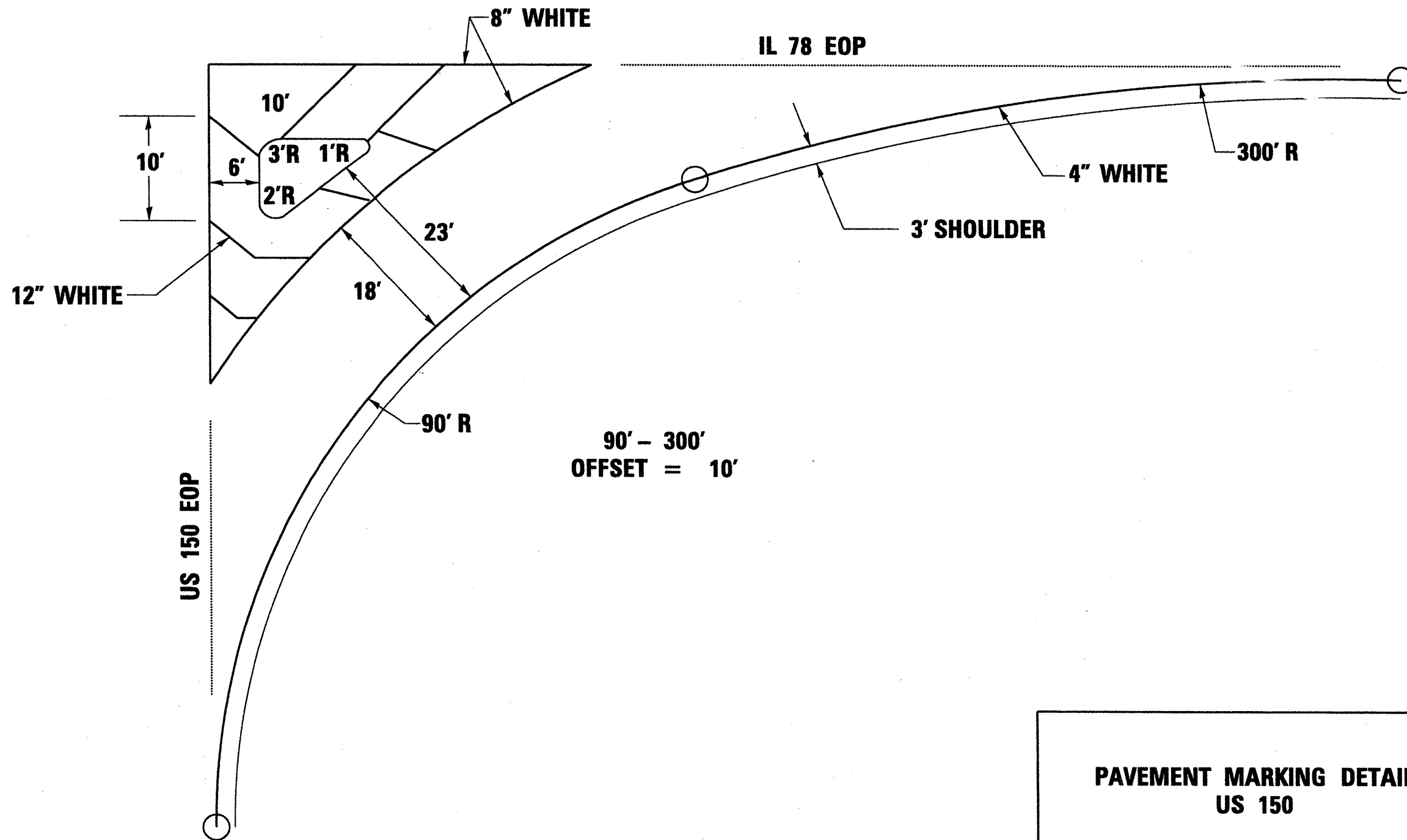
***(108X,130,102)RS-3;129RS-4,101RS-2**



**PAVEMENT MARKING DETAIL
US 150**

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	20

***(108X,130,102)RS-3;129RS-4,101RS-2**



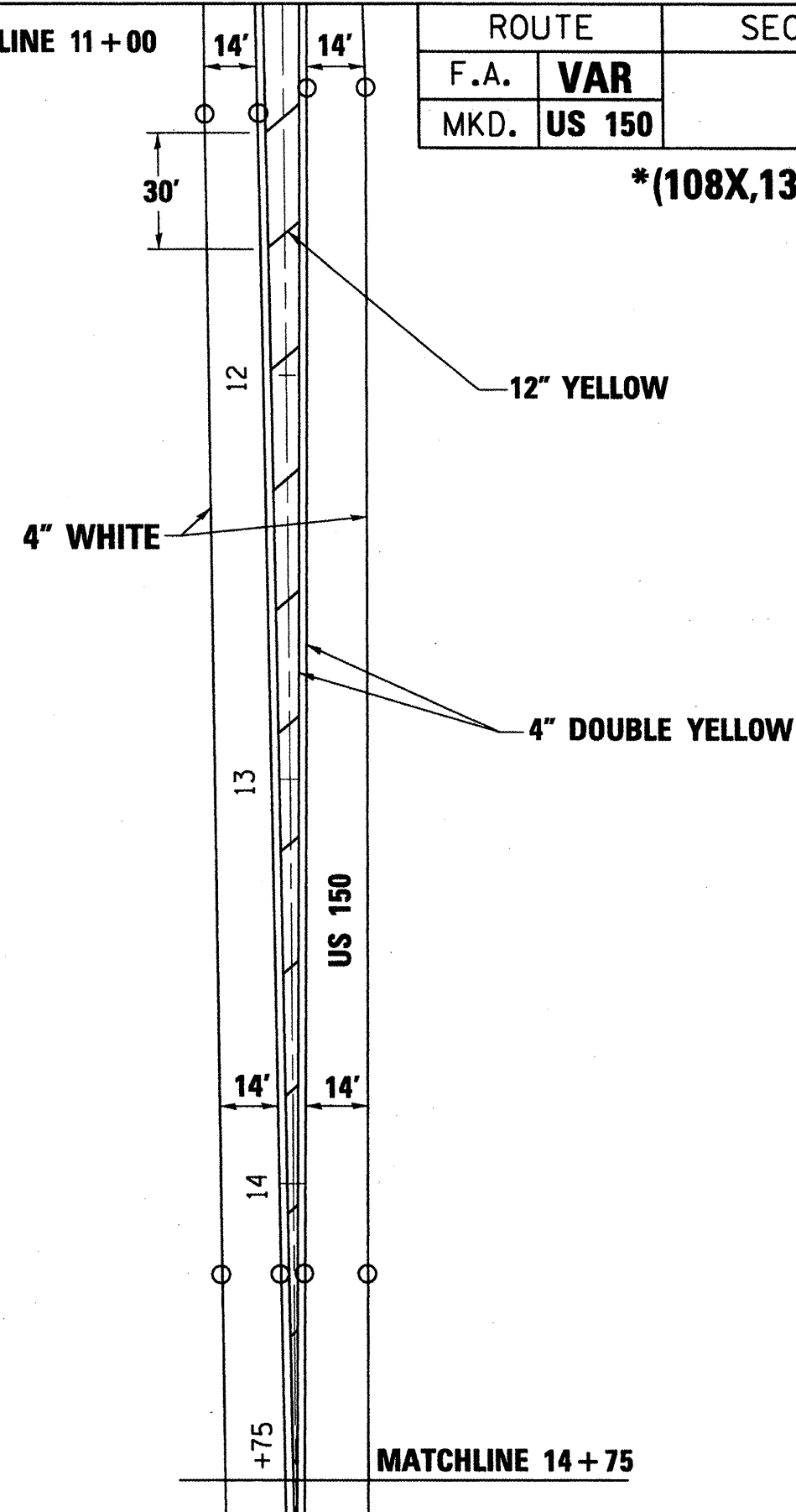
**PAVEMENT MARKING DETAIL
US 150**

MATCHLINE 11+00



ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	21

***(108X,130,102)RS-3;129RS-4,101RS-2**



**PAVEMENT MARKING DETAIL
US 150**

MATCHLINE 14+75

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	22

***(108X,130,102)RS-3;129RS-4,101RS-2**



MATCHLINE 14 + 75

12" YELLOW

4" DOUBLE YELLOW

4" WHITE

4" DBL YELLOW NO PASS

US 150

4" SOLID YELLOW EB

14'

14'

18

15

16

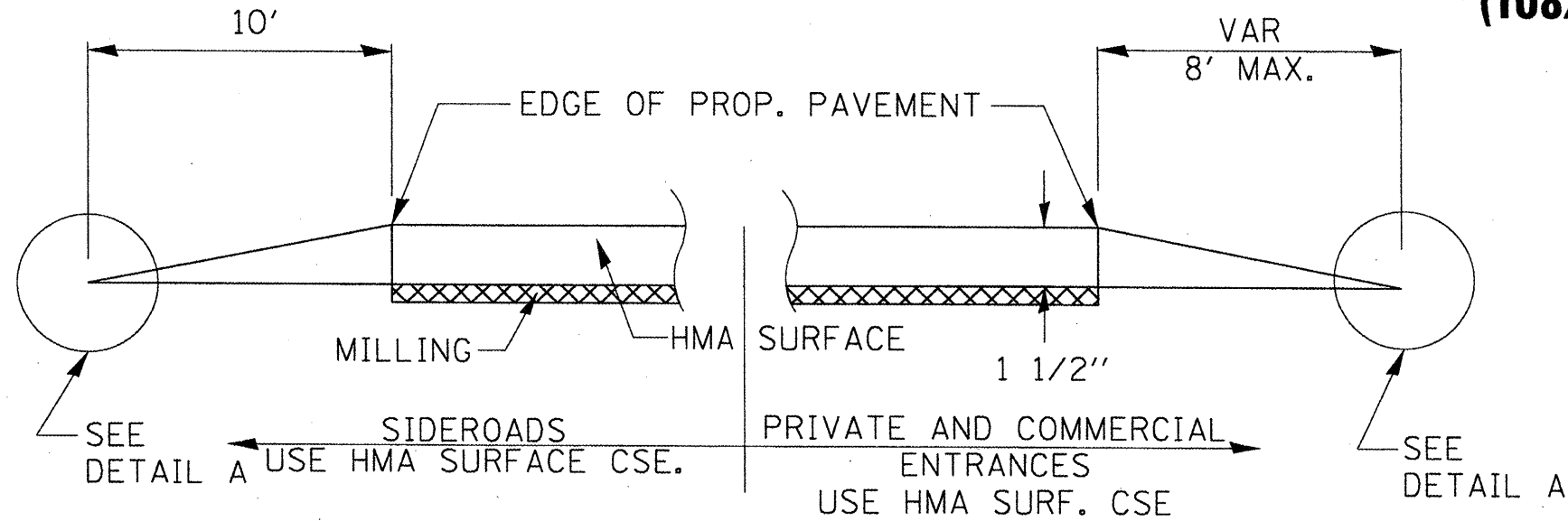
17

**END TS #2
STA. 18 + 50.00**

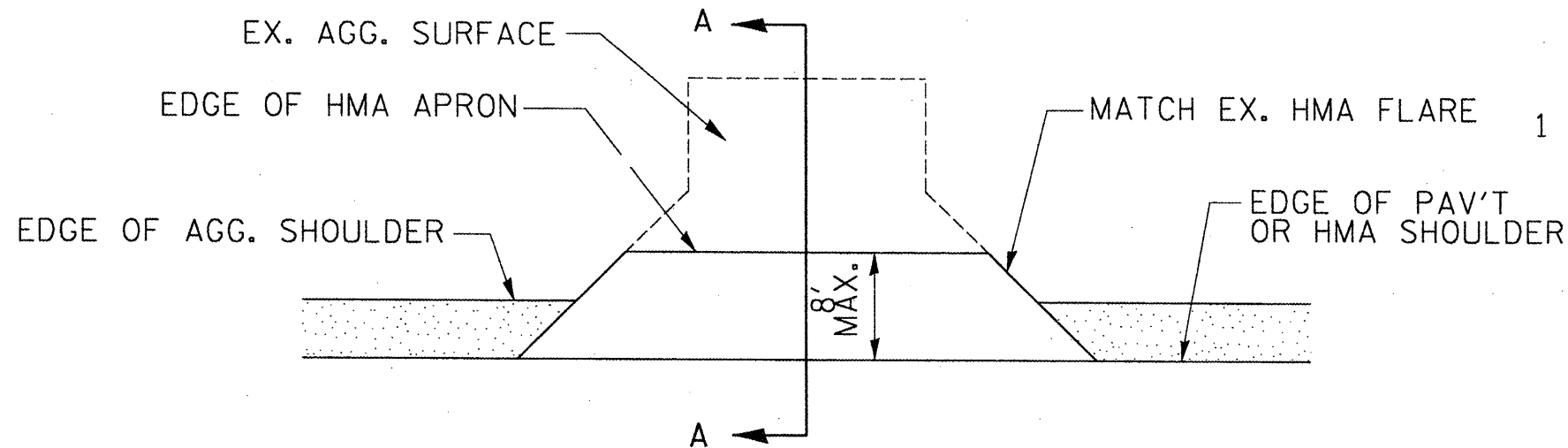
**PAVEMENT MARKING DETAIL
US 150**

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	23

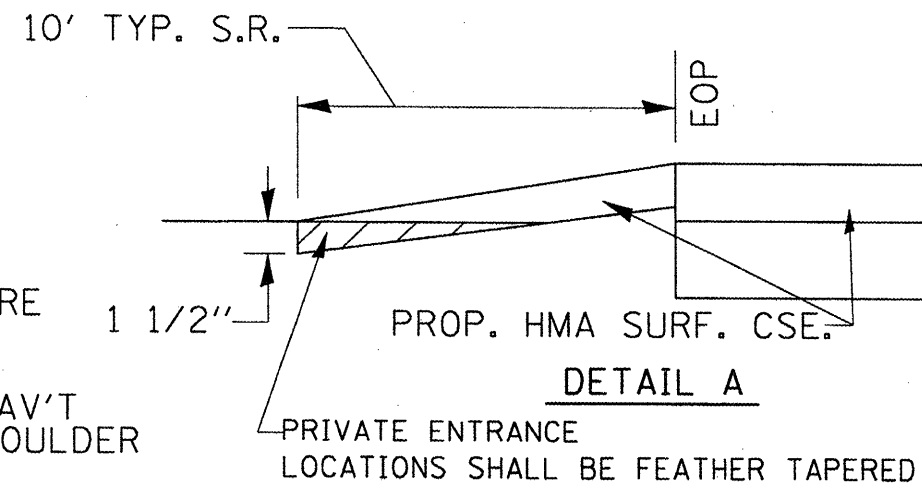
***(108X,130,102)RS-3;129RS-4,101RS-2**



**SECTION A-A
DETAILS AT ENTRANCES AND SIDEROADS**



PLAN AT PRIVATE & COMMERCIAL ENTRANCES



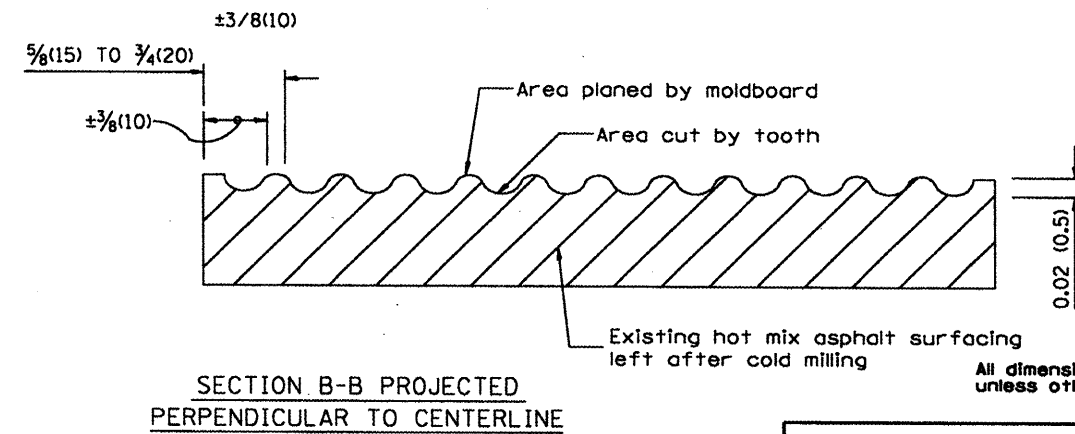
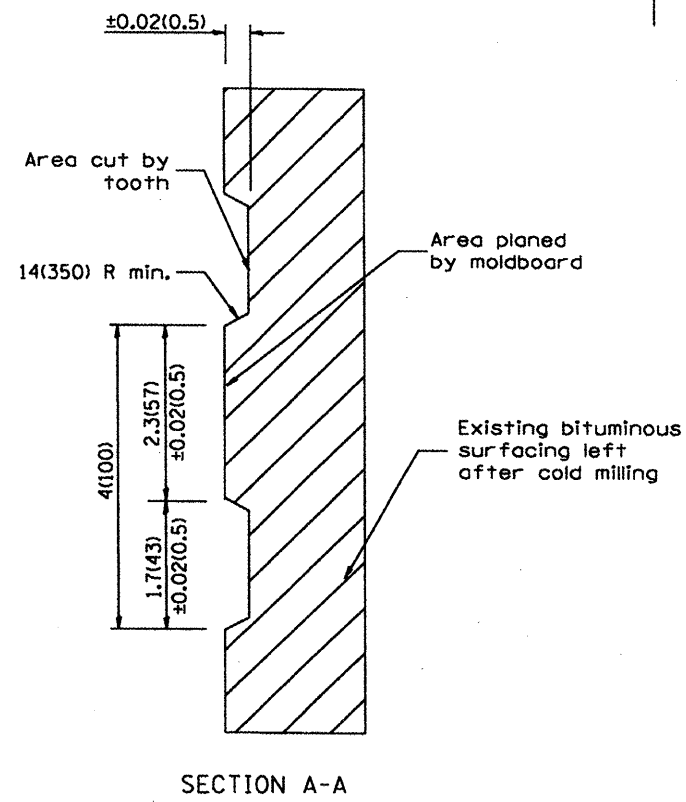
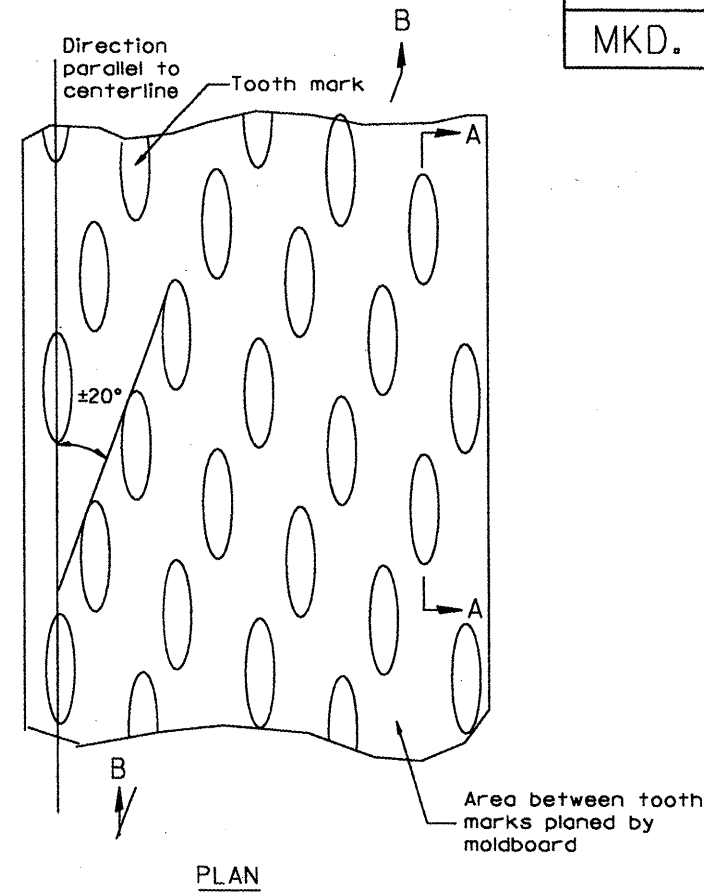
**SIDEROAD AND ENTRANCE
DETAILS**

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	24

***(108X,130,102)RS-3;129RS-4,101RS-2**

General notes:

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



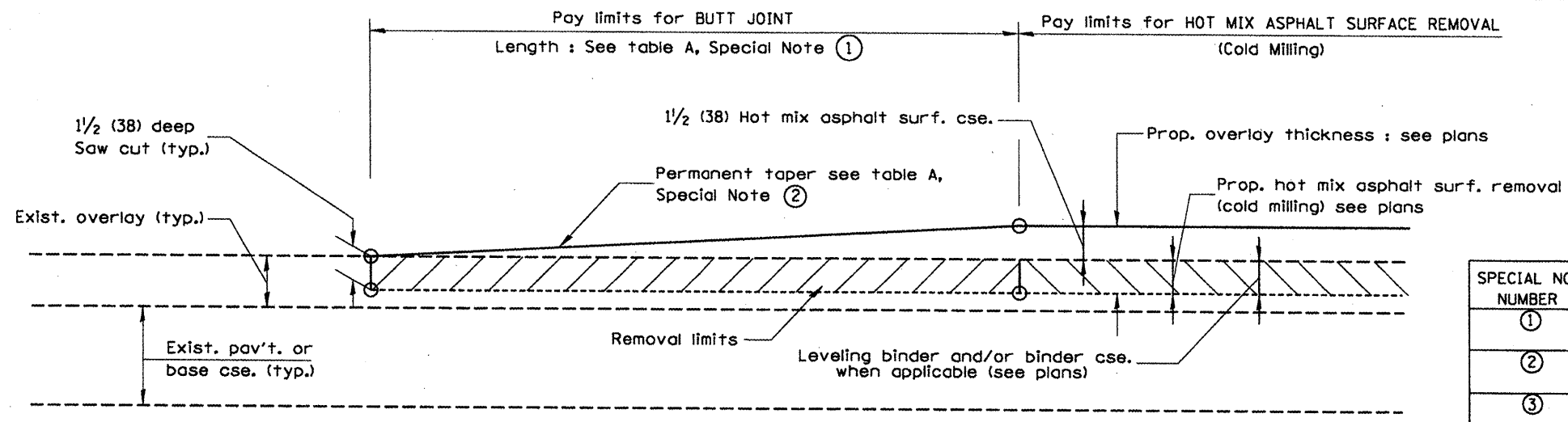
All dimensions are in inches (millimeters) unless otherwise noted.

**HOT MIX ASPHALT SURFACE REMOVAL
(COLD MILLING)**

CADD STD. 440001-D4

***(108X,130,102)RS-3;129RS-4,101RS-2**

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	25



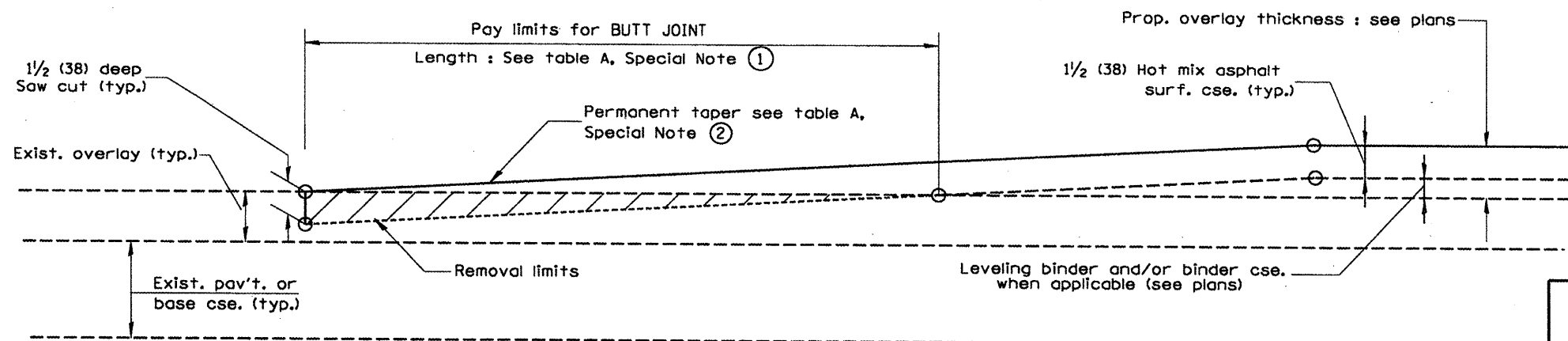
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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)

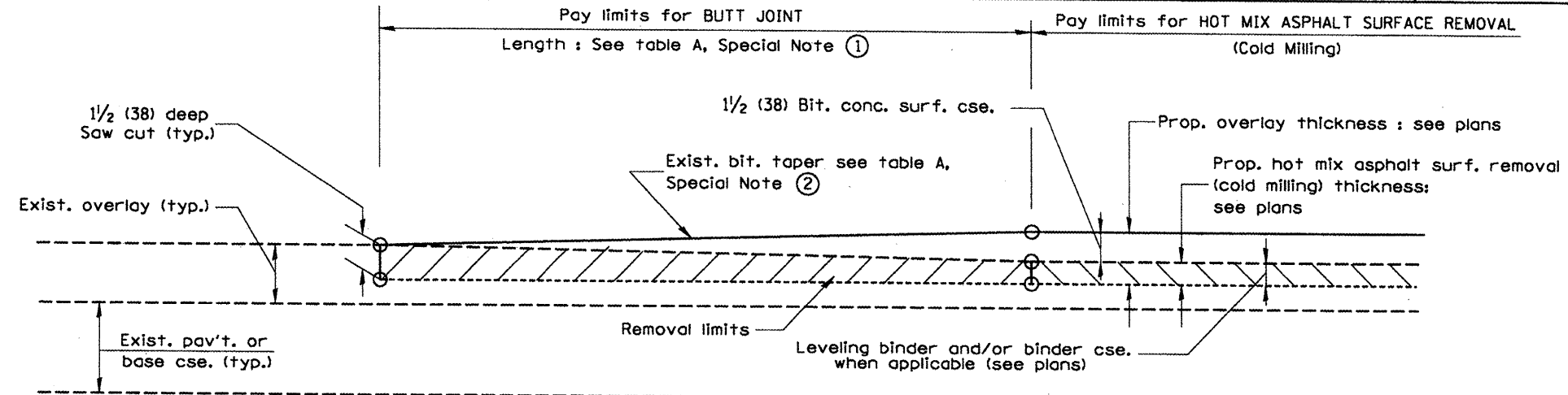
All dimensions are in inches (millimeters) unless otherwise noted.

BUTT JOINTS

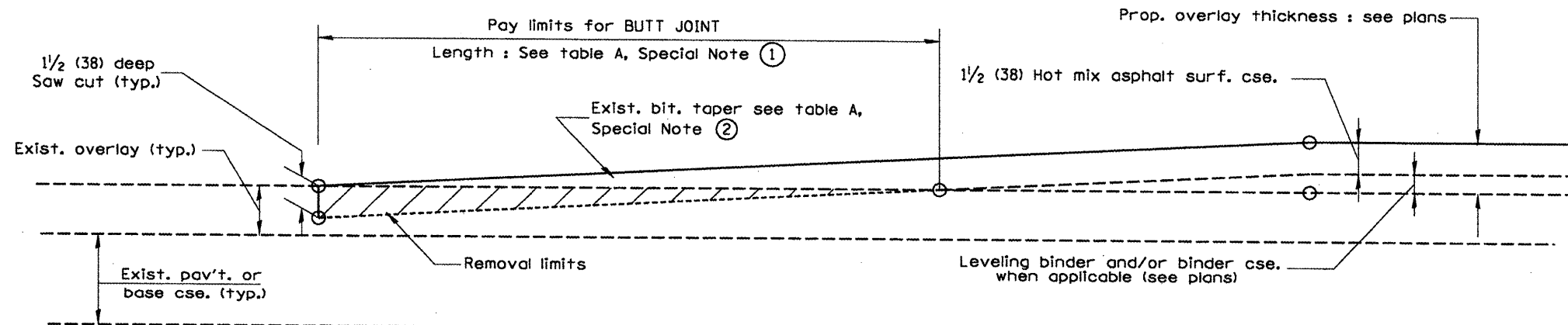
SHT. 1 OF 3
CADD STD. 406101-D4

***(108X,130,102)RS-3;129RS-4,101RS-2**

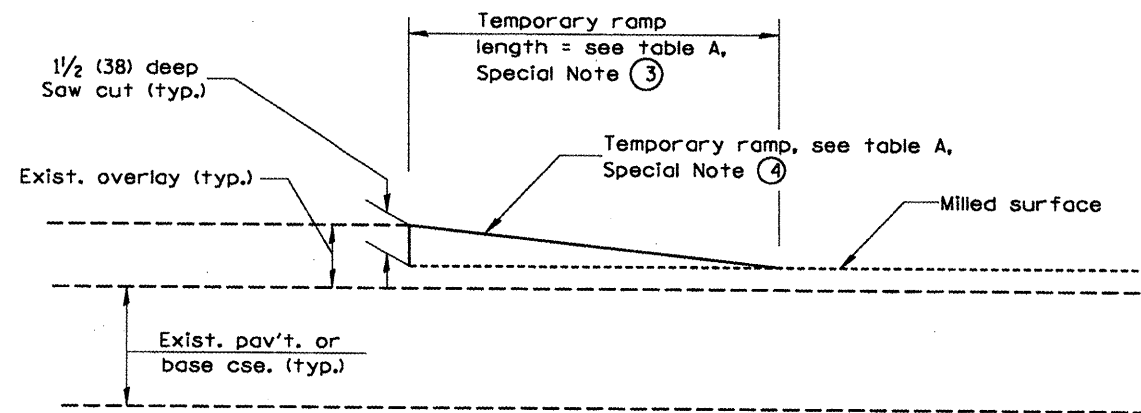
ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	26



**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

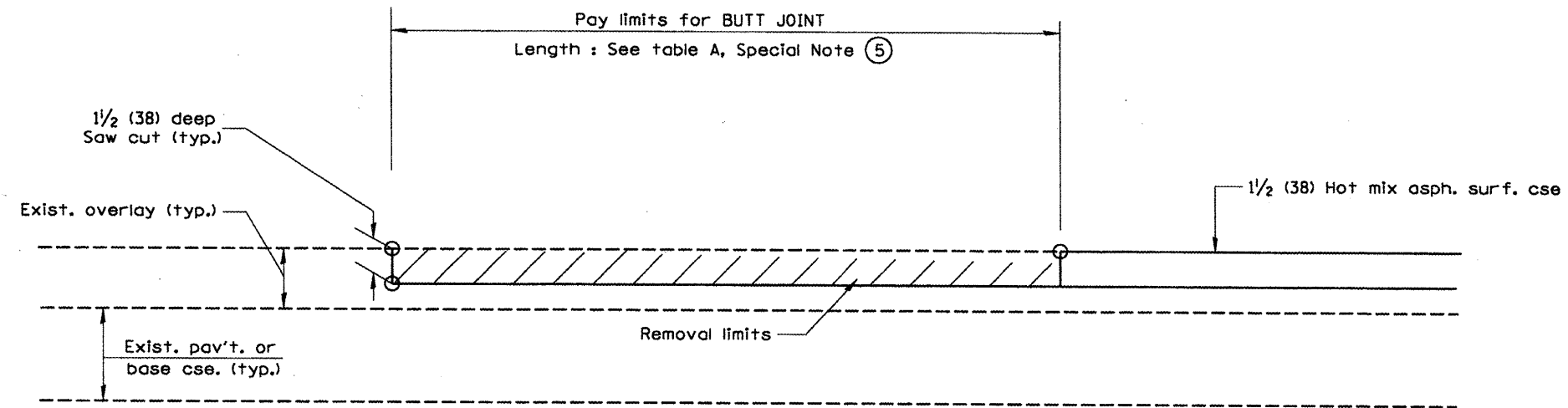
All dimensions are in inches (millimeters) unless otherwise noted.

BUTT JOINTS

**SHT. 2 OF 3
CADD STD. 406101-D4**

ROUTE		SECTION	COUNTY	SHEET	
F.A.	VAR	*	PEORIA	TOTAL	NO.
MKD.	US 150			100	27

***(108X,130,102)RS-3;129RS-4,101RS-2**



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

BUTT JOINTS

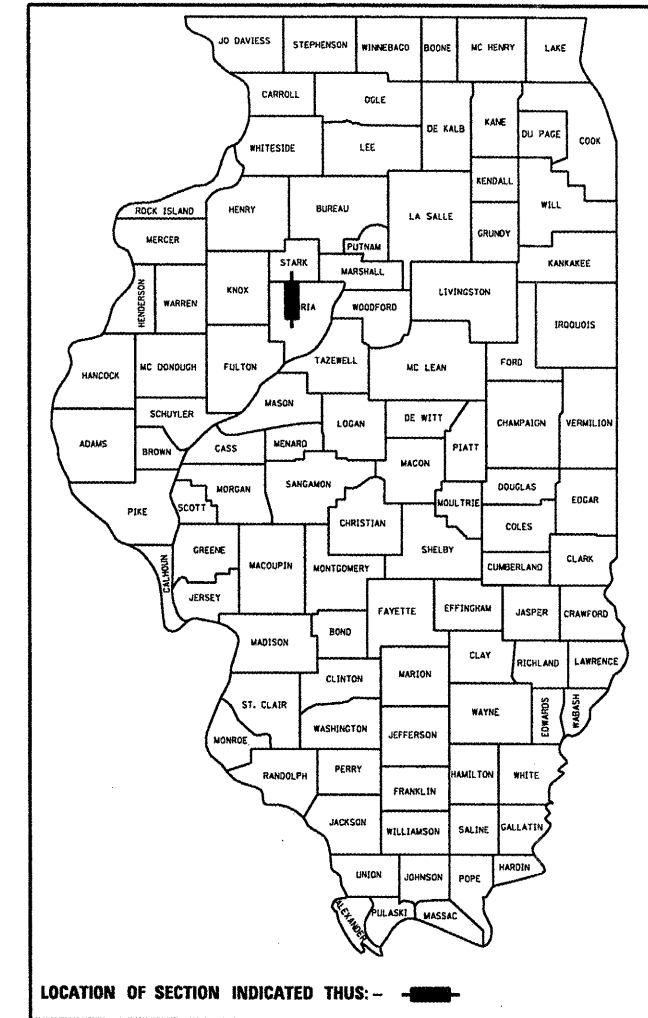
**SHT. 3 OF 3
CADD STD. 406101-D4**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

D-94-056-09

PROPOSED HIGHWAY PLANS

FAP ROUTE 22 (IL 78)
SECTION (108X, 130, 102)RS-3; 129RS-4, 101RS-2
PEORIA COUNTY
C-94-081-09



INDEX OF SHEETS

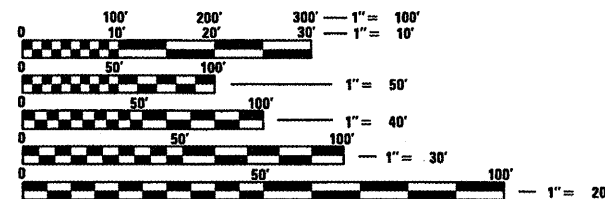
- 1 Cover Sheet
- 2-3 General Notes
- 4-6 Summary of Quantities
- 7 Typical Sections
- 8-9 Schedules of Quantities
- 10 Plan & Profile
- 11 Staging
- 12 Removal Plan
- 13 Drainage Plan
- 14 Roadway and Underdrain Plan
- 15-22 District Standards

HIGHWAY STANDARDS

280001-04	604046-02
420001-07	606001-04
420111-02	631031-07
420601-05	635011-02
420701-02	701311-03
483001-04	701321-10
601001-03	701901-01
602306-02	704001-05
602401-02	780001-02
602601-02	BLR21-8

IL ROUTE 78

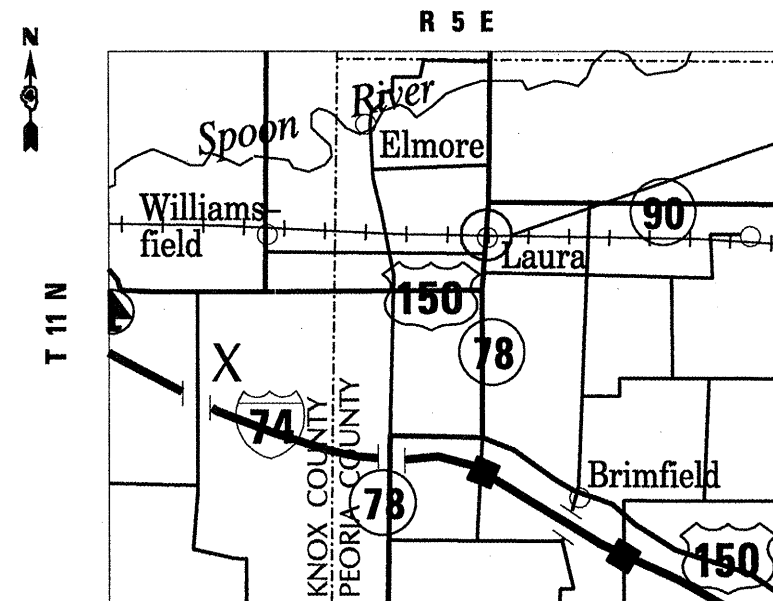
ADT = 2750 (2007)
 MU = 8.1%
 SU = 5.5%
 Minor Arterial Rural



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
DESIGN ENGINEER: DAVID M. LAYNE 309-671-3475
CATALOG NO. 034238-00D
CONTRACT NO. 68890



Project Begins Sta. 653 + 86
 Project Ends Sta. 664 + 00

DESCRIPTION OF PROJECT:

This project consists of the reconstruction of IL 78 from Maple Street to 400 feet south of BNSF Railroad in Laura.

GROSS LENGTH = 1014 FT. = .19 MILE
 NET LENGTH = 1014 FT. = .19 MILE

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

UTILITIES – LOCATIONS /INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown — all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

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.

PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U. S. G. S. mean sea level datum.
2. All elevations shown refer to U. S. G. S. datum at mean sea level unless otherwise noted.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

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.

EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutter and driveway pavements shall be included in the unit cost of the various items.

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

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

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Mixture Use(s):	Surface Course 1 1/2"
AC/PG:	PG 64-22
RAP% (Max): **	15%
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D (Dolomite only)

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

FOR INFORMATION ONLY

FILE NAME = 0468890-Design.dgn	USER NAME = eversol	DESIGNED - ---	REVISED - -----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE. 22	SECTION .	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 29
PLOT SCALE = 80.0000 / IN.	CHECKED - ---	REVISED - -----	*108X,130,102IRS-3,129RS-4,101RS-2			CONTRACT NO. 68890				
PLOT DATE = 4/6/2009	DATE - -----	REVISED - -----	ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ____ OF ____ SHEETS		STA. _____ TO STA. _____								

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.

Job Specific Note

The limits and quantities of removal and replacement of unsuitable material shown is based on the boring data. After removal of the existing pavement the District Geotechnical Engineer is to be contacted to establish the final removal limits for Unsuitable Material.

Status of Utilities

Sta. 655 + 55	Crossing	Ameren	2" HP Gas	Caution
Sta. 658 + 60	Aerial in Viaduct	Verizon	Adjust to clear phase II traffic	
Sta. 661 + 90	Crossing	Buckeye	Oil Line 3' below pavement	Caution

A minimum of 14 feet vertical clearance shall be established at the centerline from the proposed pavement to the low steel of the viaduct.

The Engineer shall coordinate with the Village of Laura and the adjacent property owners regarding impacts to entrance and street access during construction.

COMMITMENTS

No Commitments have been made for this project.

FOR INFORMATION ONLY

FILE NAME = 0468890-Design.dgn	USER NAME = everscl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80.0000' / IN.	DRAWN -	REVISED -			22	.	PEORIA	100	30
PLOT DATE = 4/6/2009	CHECKED -	REVISED -	*108X,130,102IRS-3;129RS-4,101RS-2		CONTRACT NO. 68890		ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -	SCALE: _____		SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____				

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE
ROADWAY
J000
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	RURAL
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3406		3406
20700220	POROUS GRANULAR EMBANKMENT	CU YD	579		579
20800150	TRENCH BACKFILL	CU YD	206		206
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3406		3406
28000500	INLET AND PIPE PROTECTION	EACH	1		1
28200200	FILTER FABRIC	SQ YD	375		375
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	2323.7		2323.7
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	0.3		0.3
40600300	AGGREGATE (PRIME COAT)	TON	1.4		1.4
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	29		29
40600990	TEMPORARY RAMP	SQ YD	29		29
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	64		64
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	2291.7		2291.7
42001200	PAVEMENT FABRIC	SQ YD	2291.7		2291.7
44000100	PAVEMENT REMOVAL	SQ YD	2194.1		2194.1
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	733.8		733.8
44000400	GUTTER REMOVAL	FOOT	669		669
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	533		533
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	445.4		445.4
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	398.2		398.2
55100500	STORM SEWER REMOVAL 12"	FOOT	34		34
55100700	STORM SEWER REMOVAL 15"	FOOT	119		119
55100900	STORM SEWER REMOVAL 18"	FOOT	33		33

* Denotes Specialty Item.

FOR INFORMATION ONLY

FILE NAME = D468890-Design.dgn	USER NAME = everscl	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 22	SECTION -	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 31
PLOT SCALE = 80.0000' / IN.		CHECKED - ---	REVISED - ---	SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____		* (108X,130,102)RS-3; (29RS-4,10)RS-2		CONTRACT NO. 68890		ILLINOIS FED. AID PROJECT
PLOT DATE = 4/6/2009		DATE - ---	REVISED - ---							

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE
ROADWAY
J000
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY J000 RURAL
55101200	STORM SEWER REMOVAL 24"	FOOT	8	8
55101400	STORM SEWER REMOVAL 30"	FOOT	56	56
60107700	PIPE UNDERDRAINS 6"	FOOT	1730	1730
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60219200	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1
60240305	INLETS, TYPE B, TYPE 10 FRAME AND GRATE	EACH	4	4
60500040	REMOVING MANHOLES	EACH	3	3
60500060	REMOVING INLETS	EACH	7	7
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7.7	7.7
60602900	CONCRETE GUTTER, TYPE B (MODIFIED)	FOOT	1358	1358
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	82	82
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	375	375
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MS	3	3
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1

* Denotes Specialty Item.

FOR INFORMATION ONLY

SUMMARY OF QUANTITIES

CONSTR. CODE
PEORIA COUNTY
100% STATE
ROADWAY
J000
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY J000	RURAL
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	110	110	
70300500	PAVEMENT MARKING TAPE, TYPE III	FOOT	2762	2762	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	950	950	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	950	950	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	950	950	
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	4056	4056	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	16	16	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	200	200	
550A0070	STORM SEWERS, CLASS A, TYPE 115"	FOOT	116	116	
550A0090	STORM SEWERS, CLASS A, TYPE 118"	FOOT	98	98	
550A0140	STORM SEWERS, CLASS A, TYPE 130"	FOOT	47	47	
X6020080	INLETS, TYPE G-1, DOUBLE	EACH	2	2	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
Z0054500	ROCK FILL	TON	2349	2349	

* Denotes Specialty Item.

FOR INFORMATION ONLY

RESURFACING TABLE

Location	Length	Width	Area	HMA Surface Removal	Temporary Ramp	HMA Surface Removal	Polymerized Bituminous Materials	Aggregate Materials	HMA Surf Cse
				Butt Joint		1 1/2"	(Prime Coat)	(Prime Coat)	Mix D N50
	Feet	Feet	Sq Yd	Sq Yd	Sq Yd	Sq Yd	Ton	Ton	Ton
IL 78									
653+86.00 TO 653+91.00	5	26	14.4	14.44	14.4		0.01	0	1.2
653+91.00 TO 654+50.00	59	26	170.4			170.4	0.07	0.3	14.3
PCC Pavement 10" Location									
662+00.00 TO 663+95.00	195	26	563.3			563.3	0.23	1.1	47.3
663+95.00 TO 664+00.00	5	26	14.4	14.44	14.4		0.01	0	1.2
Total	1014		762.5	29	29	734	0.3	1.4	64

SURFACE TYPE	BITUMINOUS PRIME COAT (GAL/SQ YD)	AGGREGATE PRIME COAT (LB/SQ YD)
ON COLD MILLED SURFACE	0.1	4
EXISTING PAVEMENT	0.05	4
FOG COAT ON NEW BINDER	0.03	2

0.004 TONS PER GALLON FOR BITUMINOUS PRIME COAT

SURFACE TYPE	
BITUMINOUS SURFACE COURSE	112 LB / SQ YD / IN
ALL OTHER BITUMINOUS	112 LB / SQ YD / IN
AGGREGATE SHOULDERS	2.05 TONS / CU YD

Guardrail Locations	Length	Guardrail Removal
Lt. Sta. 657+39.00 TO 658+41.00	102	93
Rt. Sta. 657+39.00 TO 658+41.00	102	94
Lt. Sta. 658+82.00 TO 659+84.00	102	94
Rt. Sta. 658+82.00 TO 659+84.00	102	94
Totals		375

Guardrail Locations	Length*	Ty 1 Spl Tangent End Section	Ty 6 End Section	Guardrail Markers Type A	Terminal Marker Direct-Applied
Lt. Sta. 657+39.50 TO 658+41.00	101.5	1	1	4	1
Rt. Sta. 657+39.50 TO 658+41.00	101.5	1	1	4	1
Lt. Sta. 658+82.00 TO 659+83.50	101.5	1	1	4	1
Rt. Sta. 658+82.00 TO 659+83.50	101.5	1	1	4	1
Totals		4	4	16	4

*The Guardrail Station lengths are total lengths of Type 1 (Spl) plus Type 6.

Location	Length	Removal & Disposal of Unsuitable Material	Porous Granular Embankment	Geotechnical Fabric for Ground Stabilization	Sub-base Granular Material, Type A	Rock Fill
		Cu Yd	Cu Yd	Sq Yd	Ton	Ton
IL 78						
654+50.00 TO 662+00.00	750	3405.7	579	3406	2323.7	2349.1
Total	750	3405.7	579	3406	2323.7	2349.1

Location	4" (W)	4" (Y)
	Foot	Foot
653+86.00 TO 664+00.00	2028	2028
TOTAL	4056	

Location	Length	Dash	WORK ZONE PAVEMENT MARKING REMOVAL
		Foot	
653+86.00 TO 664+00.00	1014	110	36.3
Type III Tape	2762		911.5
Total		110	947.8

FILE NAME = D:\68890-Design.dgn

USER NAME = everscl	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 68.8888' / IN.	CHECKED -	REVISED -
PLOT DATE = 4/6/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	*	PEORIA	100	35
*108X,130,102RS-3;129RS-4,101RS-2			CONTRACT NO. 68890	
ILLINOIS FED. AID PROJECT				

TRENCH BACKFILL	
LOCATION	CU YD
Sta. 654+50 to 662+00	206.1
TOTAL	206.1

INLET AND PIPE PROTECTION	
LOCATION	EACH
Rt. Sta. 658+05	1
TOTAL	1

FILTER FABRIC	
LOCATION	SQ YD
Sta. 654+50 to 662+00	374.9
TOTAL	374.9

PCC PAVEMENT 10"	
LOCATION	SQ YD
Sta. 654+50 to 662+00	2291.7
TOTAL	2291.7

PAVEMENT FABRIC	
LOCATION	SQ YD
Sta. 654+50 to 662+00	2291.7
TOTAL	2291.7

PAVEMENT REMOVAL	
LOCATION	SQ YD
Sta. 654+50 to 662+00	2194.1
TOTAL	2194.1

GUTTER REMOVAL	
LOCATION	FOOT
Lt. Sta. 654+50 to 658+41	392
Lt. Sta. 658+82 to 661+58	277
TOTAL	669

COMBINATION CONCRETE CURB & GUTTER REMOVAL	
LOCATION	FOOT
Rt. Sta. 654+26 to 658+41	415
Rt. Sta. 658+82 to 660+00	118
TOTAL	533

BITUMINOUS CONCRETE SHOULDER REMOVAL	
LOCATION	SQ YD
Lt. Sta. 654+50 to 658+00	233.3
Lt. Sta. 658+00 to 658+41	13.7
Lt. Sta. 658+82 to 659+23	13.7
Lt. Sta. 659+23 to 662+00	184.7
TOTAL	445.4

PCC SHOULDER 10"	
LOCATION	SQ YD
Lt. Sta. 654+50 to 658+05	216.9
Lt. Sta. 658+05 to 658+36	14.6
Lt. Sta. 658+82 to 659+13	17.0
Lt. Sta. 659+13 to 661+58	149.7
TOTAL	398.2

CONSTRUCTION LAYOUT	
LOCATION	L SUM
Jobsite	1
TOTAL	1

PIPE UNDERDRAINS 6"	
LOCATION	FOOT
Sta. 654+50 to 662+00	1730
TOTAL	1730

REMOVING MANHOLES	
LOCATION	EACH
Lt. Sta. 658+62	1
CL Sta. 658+62	1
Lt. Sta. 659+25	1
TOTAL	3

REMOVING INLETS	
LOCATION	EACH
Lt. Sta. 658+00	1
Rt. Sta. 658+05	1
Lt. Sta. 658+62	1
Rt. Sta. 658+62	1
Lt. Sta. 659+22	1
Rt. Sta. 659+22	1
Rt. Sta. 659+59	1
TOTAL	7

CLASS SI CONCRETE (OUTLET)	
LOCATION	CU YD
Rt. Sta. 654+26	0.73
Lt. Sta. 654+50	0.73
Lt. Sta. 661+40	0.73
Rt. Sta. 661+58	0.73
Entrances	4.78
TOTAL	7.7

CONCRETE GUTTER, TYPE B (MODIFIED)	
LOCATION	FOOT
Rt. Sta. 654+50 to 658+41	391
Rt. Sta. 658+82 to 661+58	276
Lt. Sta. 654+26 to 658+41	415
Lt. Sta. 658+82 TO 661+58	276
TOTAL	1358

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	
LOCATION	FOOT
Rt. Sta. 658+41 to 658+82	41
lt. Sta. 658+41 to 658+82	41
TOTAL	82

ENGINEER'S FIELD OFFICE	
LOCATION	CAL MO
Jobsite	3
TOTAL	3

MOBILIZATION	
LOCATION	L SUM
Jobsite	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION, STD 701306	
LOCATION	L SUM
Jobsite	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION, STD 701321	
LOCATION	EACH
Jobsite	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION, BLR 21	
LOCATION	L SUM
Jobsite	1
TOTAL	1

TEMPORARY BRIDGE TRAFFIC SIGNALS	
LOCATION	EACH
Jobsite	1
TOTAL	1

PAVEMENT MARKING TAPE TYPE III	
LOCATION	FOOT
Sta. 652+34 to 664+16	2514
Stop Bars	248
TOTAL	2762

TEMPORARY CONCRETE BARRIER	
LOCATION	FOOT
Sta. 654+50 to 662+00	950
TOTAL	950

RELOCATE TEMPORARY CONCRETE BARRIER	
LOCATION	FOOT
Sta. 654+50 to 662+00	950
TOTAL	950

PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
Sta. 651+90 to 653+90	100
Sta. 662+57 to 664+57	100
TOTAL	200

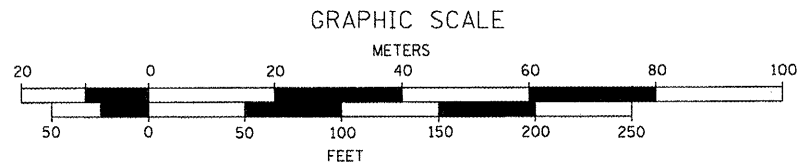
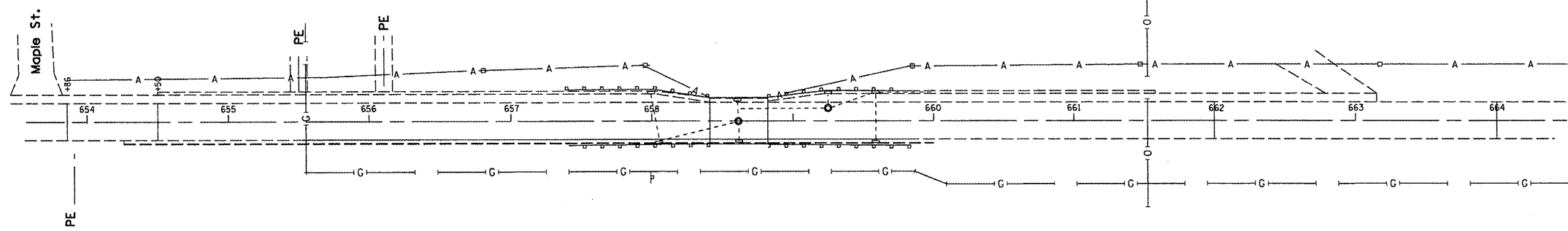
CHANGEABLE MESSAGE SIGNS	
LOCATION	CAL DA
Jobsite	14
TOTAL	14

IMPACT ATTENUATOR TEMP NRD TL 3	
LOCATION	EACH
Jobsite	2
TOTAL	2

IMPACT ATTENUATOR RELOCATE	
LOCATION	EACH
Jobsite	2
TOTAL	2

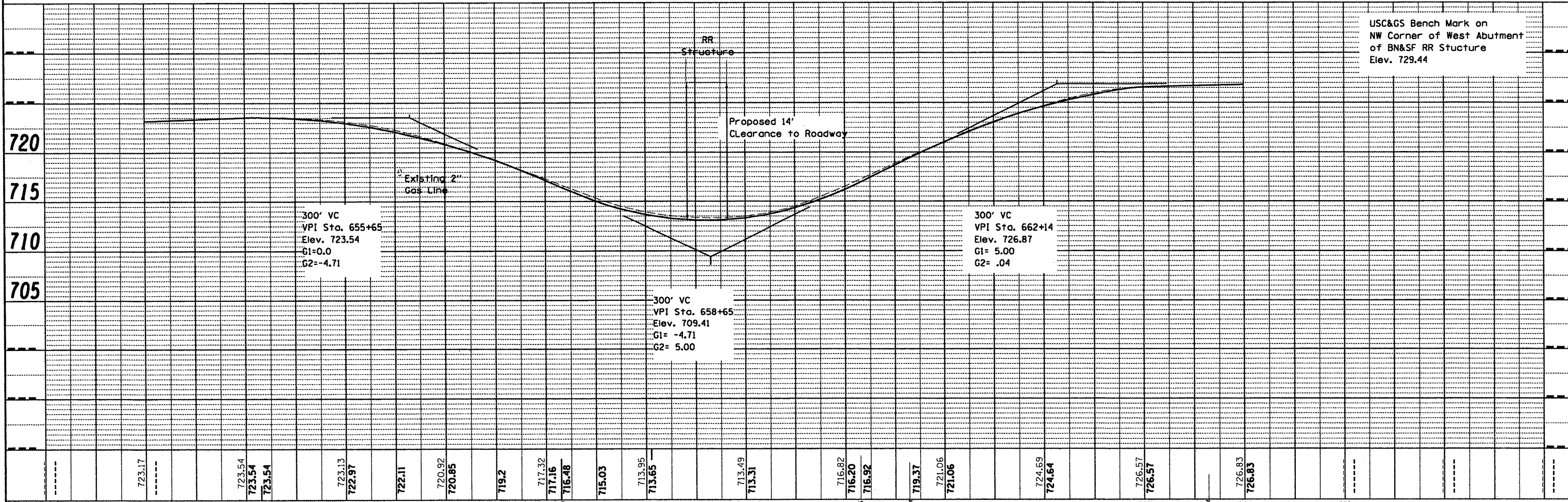
RAILROAD PROTECTIVE LIABILITY INSURANCE	
LOCATION	L SUM
Jobsite	1
TOTAL	1

DATE	
BY	
PLAN	
NO.	
NOTE BOOK	
NO.	
DESIGNED	
DRAWN	
CHECKED	
DATE	



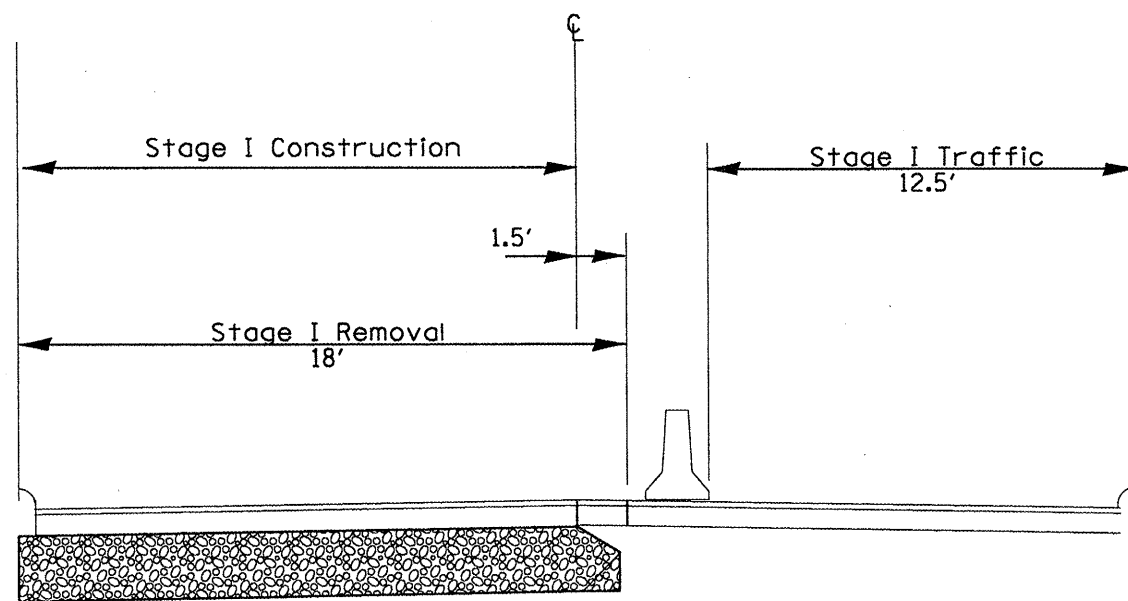
○ Buckeye Oil Pipeline
 G Clco Gas Line
 A Verizon Aerial Line

DATE	
BY	
PROFILE	
NO.	
NOTE BOOK	
NO.	
DESIGNED	
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CHECKED	
DATE	

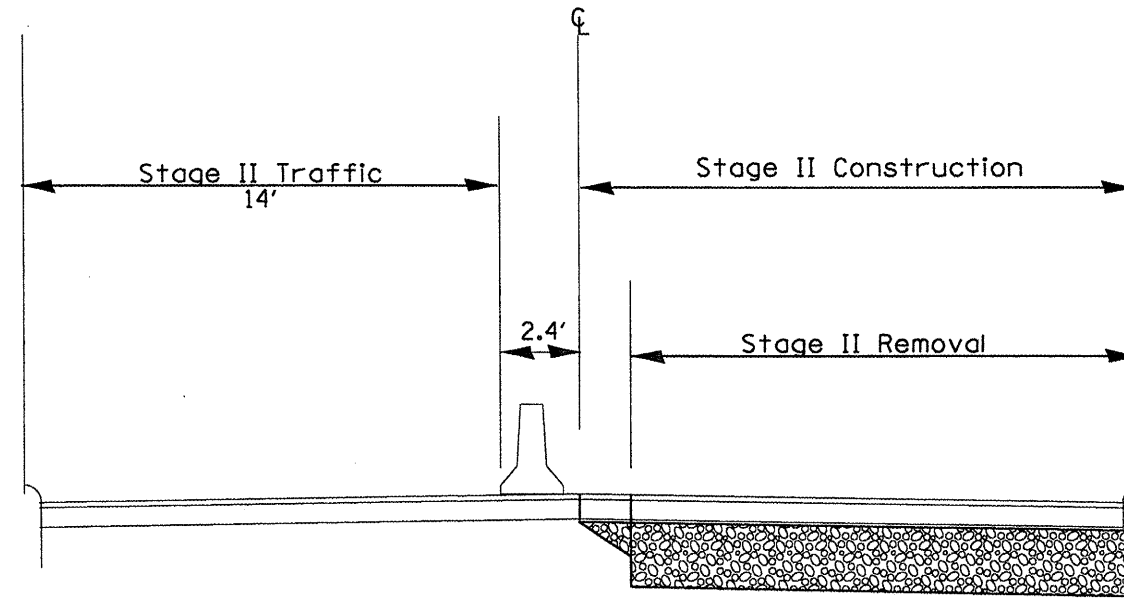


USC&GS Bench Mark on
 NW Corner of West Abutment
 of BN&SF RR Structure
 Elev. 729.44

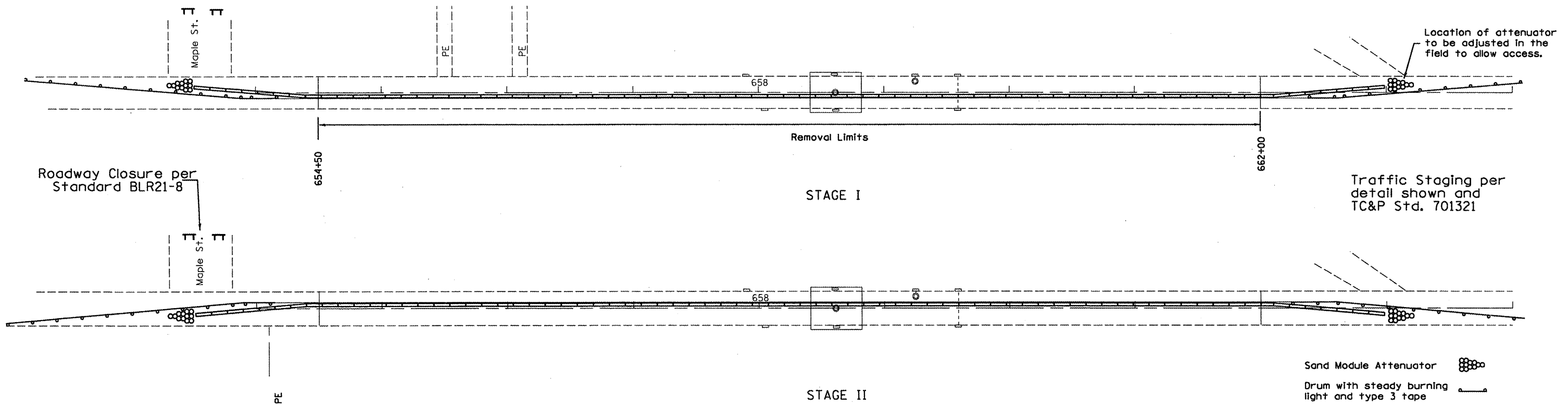
FILE NAME = D468890-Design.dgn	USER NAME = eversol	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN, PROFILE AND UTILITIES	F.A.P. RTE. 22	SECTION *	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 37		
		DRAWN -	REVISED -			*1108X,130,102IRS-3;129RS-4,10IRS-2		CONTRACT NO. 68890		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -			SCALE: _____	SHEET NO. _____	OF _____	SHEETS _____	STA. _____	TO STA. _____	
		DATE _____	REVISED -									



Stage I
(looking South)



Stage II
(looking South)

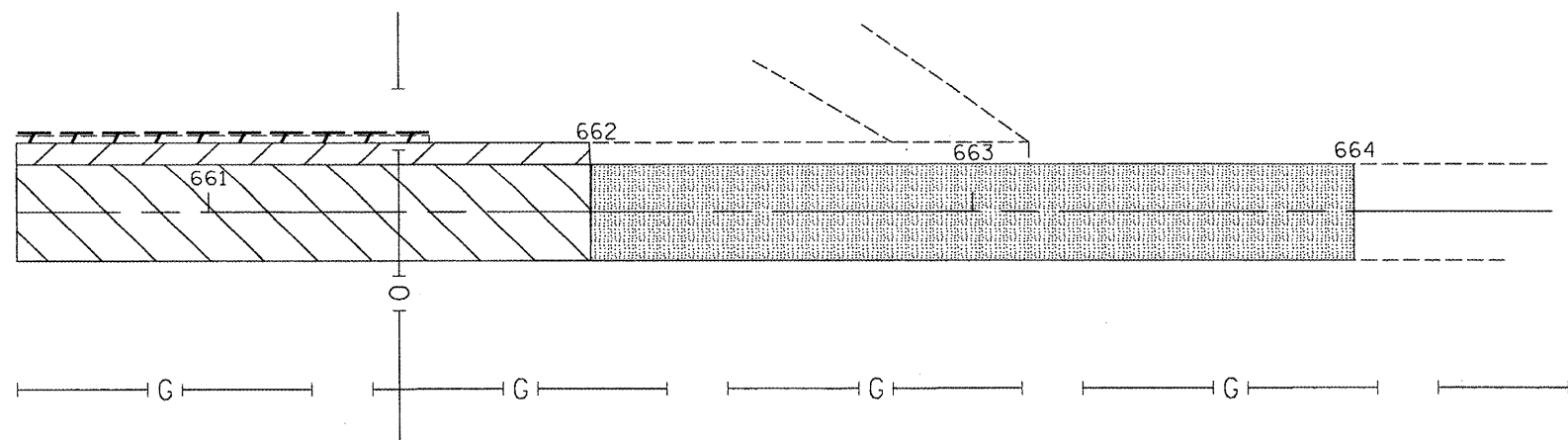
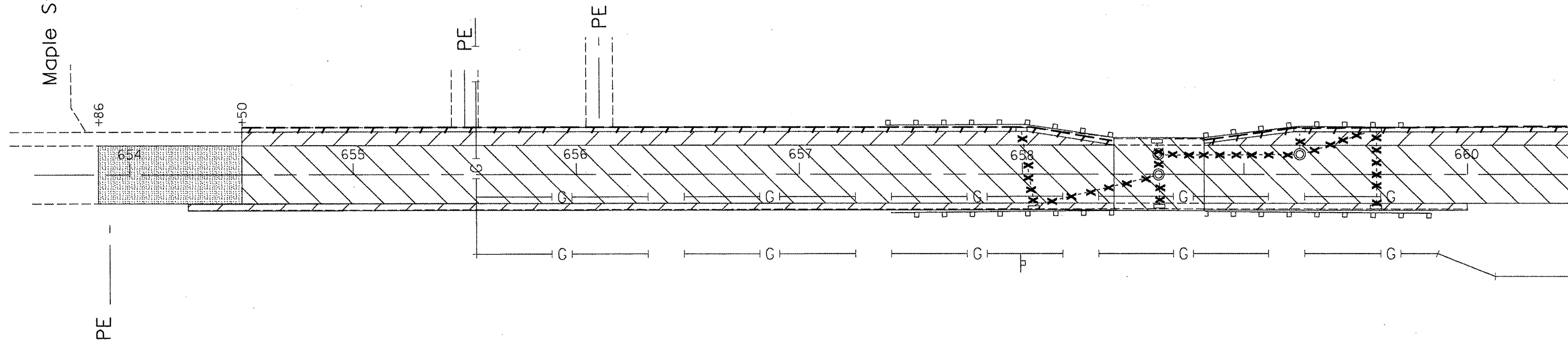


- Sand Module Attenuator
- Drum with steady burning light and type 3 tape
- Temp Conc Barrier

FILE NAME = D:\68890-Design.dgn	USER NAME = eversel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED STAGED CONSTRUCTION			F.A.P. RTE. 22	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 88.0000' / IN.	DRAWN -	REVISED -					(108X,130,102IRS-3;129RS-4,10IRS-2	PEORIA	100	38	
	PLOT DATE = 4/6/2009	CHECKED -	REVISED -					CONTRACT NO. 68890				
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____						

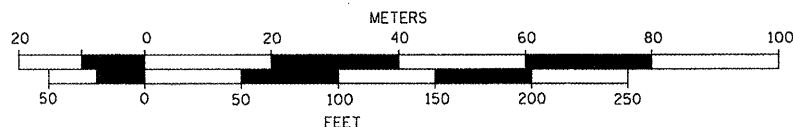


Maple St.



- GUARDRAIL REMOVAL
- STORM SEWER REMOVAL
- HMA SURFACE REMOVAL
- GUTTER REMOVAL
- SHOULDER REMOVAL
- PAVEMENT REMOVAL

GRAPHIC SCALE



FILE NAME =
D468898-Design.dgn

USER NAME = ever scl

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 50.0000' / IN.

CHECKED -

REVISED -

PLOT DATE = 4/6/2009

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL

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

F.A.P.
RTE.
22

SECTION

COUNTY

TOTAL SHEETS

39

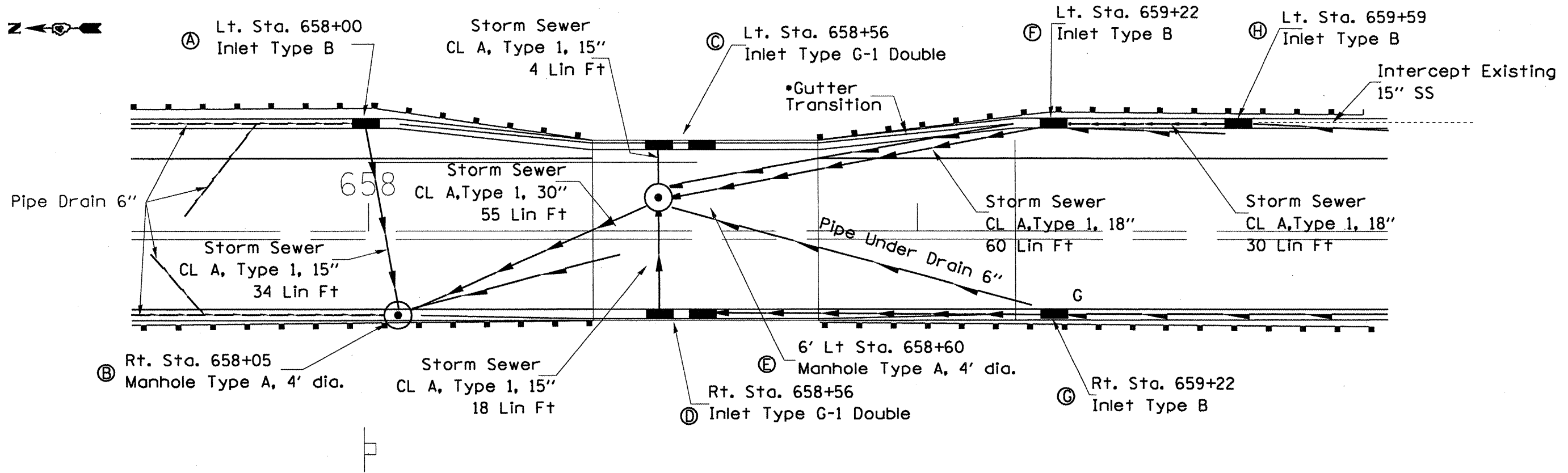
PEORIA

100

CONTRACT NO. 68890

1108X,130,1021RS-3;129RS-4,101RS-2

ILLINOIS FED. AID PROJECT

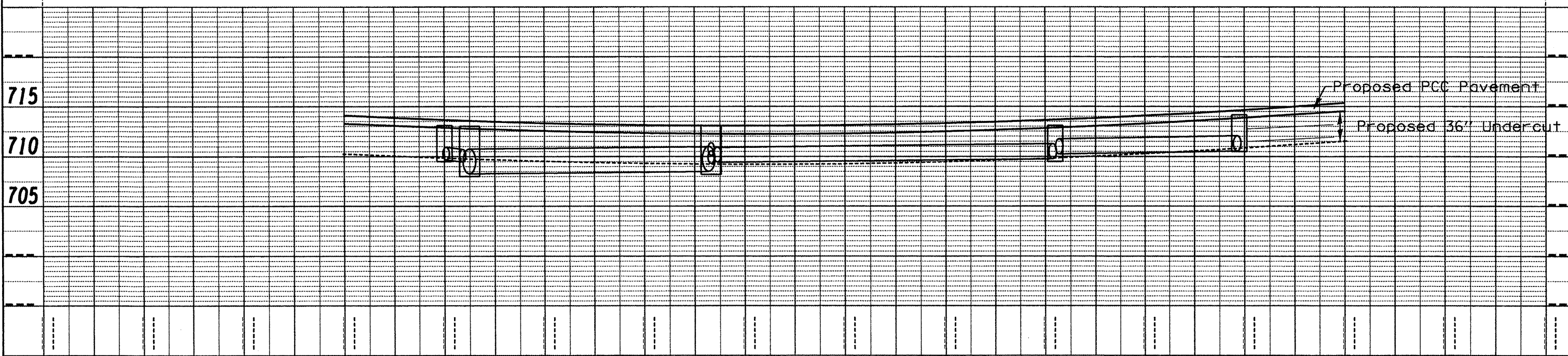


DRAINAGE STRUCTURES

Station	Structure	Grate	Profile Elev	minus	FL Grate	Inv FL	Run	Size	Length	Slope	US Elev.	DS Elev.	
A	lt 658+00	Inlet Ty B	Ty 10	713.65	0.54	713.11	709.50	A-B	15"	34	0.500%	709.70	709.53
B	rt 658+05	MH Ty A	Ty 10	713.55	0.33	713.22	708.00	E-B	30"	47	0.500%	708.50	708.27
C	lt 658+56	Ty G1 Double	diaganol	713.05	0.44	712.61	710.00	C-E	15"	4	2.000%	710.20	710.12
D	rt 658+56	Ty G1 Double	diaganol	713.05	0.44	712.61	709.00	D-E	15"	18	1.000%	709.00	708.82
E	6' lt 658+60	MH Ty A	F & CI Lid	713.05	0.09	712.96	708.20	F-E	18"	68	0.500%	709.50	709.16
F	lt 659+22	Inlet Ty B	Ty 10	713.66	0.54	713.12	709.50	G-D	15"	60	0.500%	709.50	709.20
G	rt 659+22	Inlet Ty B	Ty 10	713.66	0.33	713.33	709.50	H-F	18"	30	0.500%	710.50	710.35
H	lt 659+59	Inlet Ty B	Ty 10	714.62	0.54	714.08	710.50						

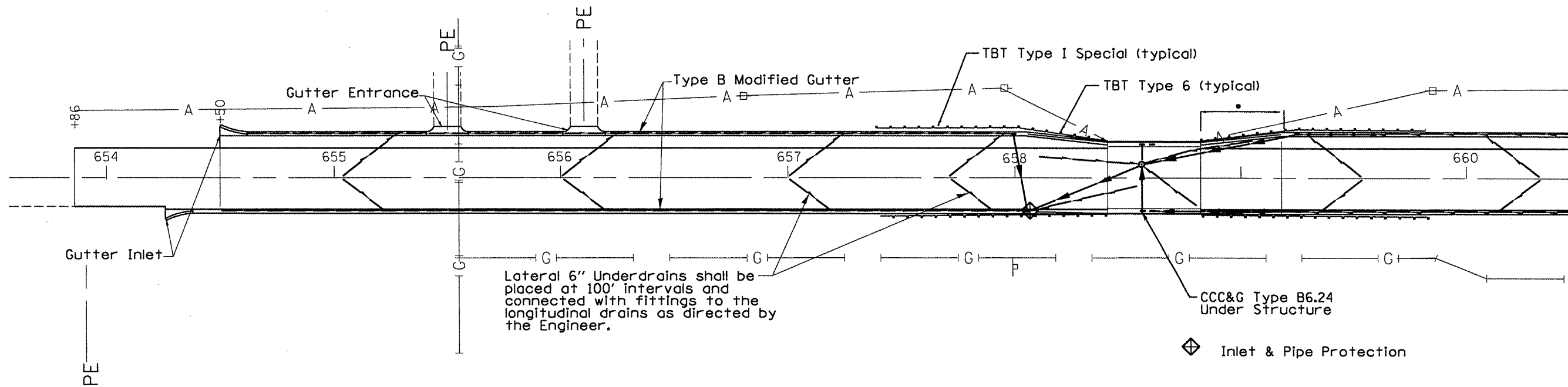
STORM SEWER SHEDULE

• 25 foot gutter transition from Type B Modified to Type B6.24 at each corner.



DATE: _____
 BY: _____
 SURVEYED _____
 ALIGNED _____
 CHECKED _____
 NOTE BOOK NO. _____
 PART OF WAY CHECKED _____
 PAID FILE NAME _____

DATE: _____
 BY: _____
 PROFILE SURVEYED _____
 PLOTTED _____
 CHECKED _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATION CHKO _____

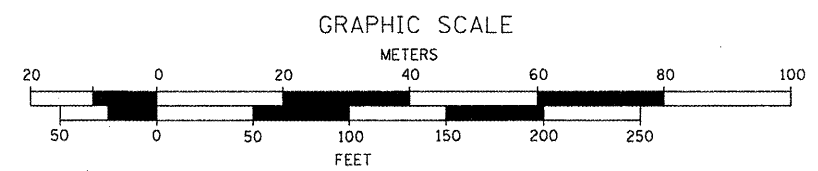
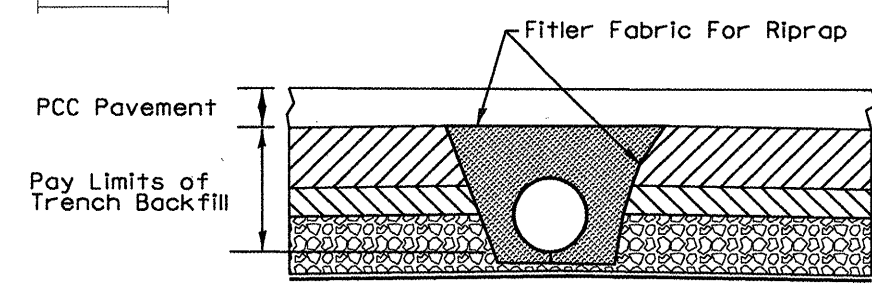
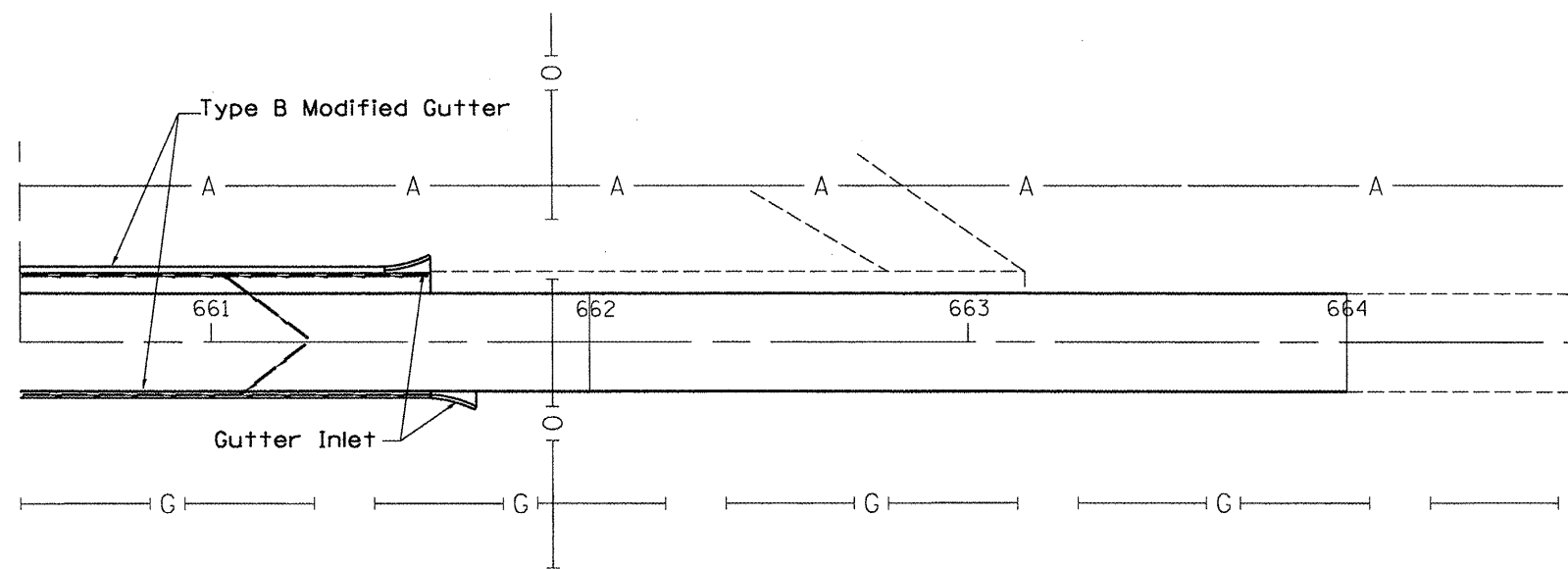


⊕ Inlet & Pipe Protection

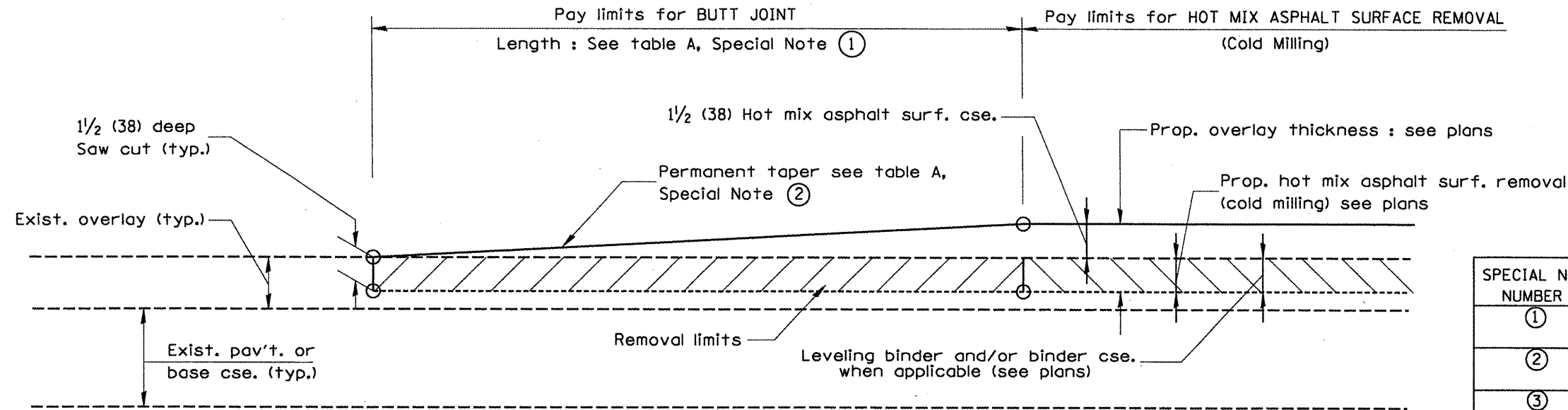
Note: Pipe Underdrains shall be rigid PVC pipe in accordance with article 601.02(i) of the Standard Specifications.

Pipe Underdrains shall be outletted into the proposed Manholes or inlets as shown, or as directed by the Engineer, in accordance with article 601.04 of the Standard Specifications.

• 25 foot gutter transition from Type B Modified to Type B6.24 under structure



FILE NAME = D468898-Design.dgn	USER NAME = averac1	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY & PROPOSED UNDERDRAIN PLAN	F.A.P. RTE. 22	SECTION -	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 41
						SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 68890	



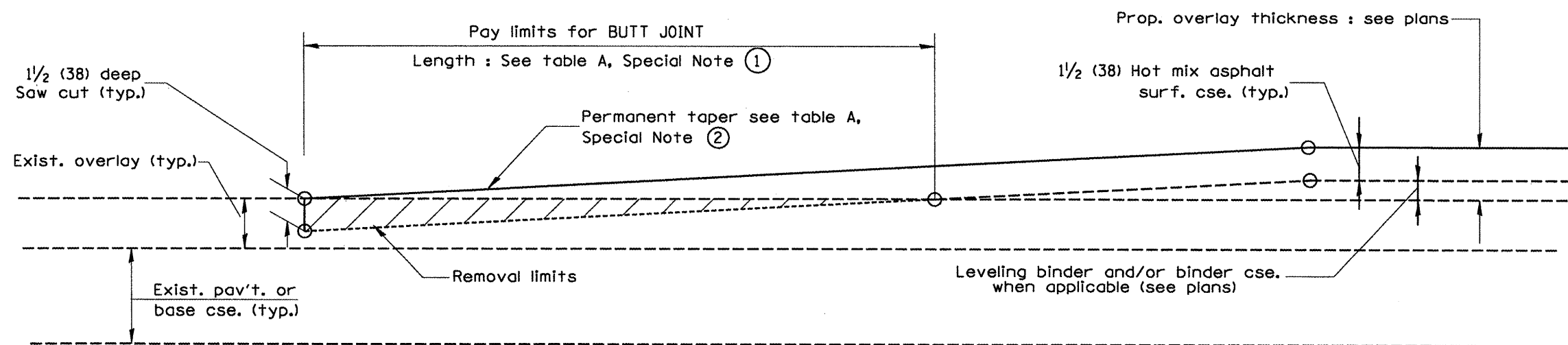
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.

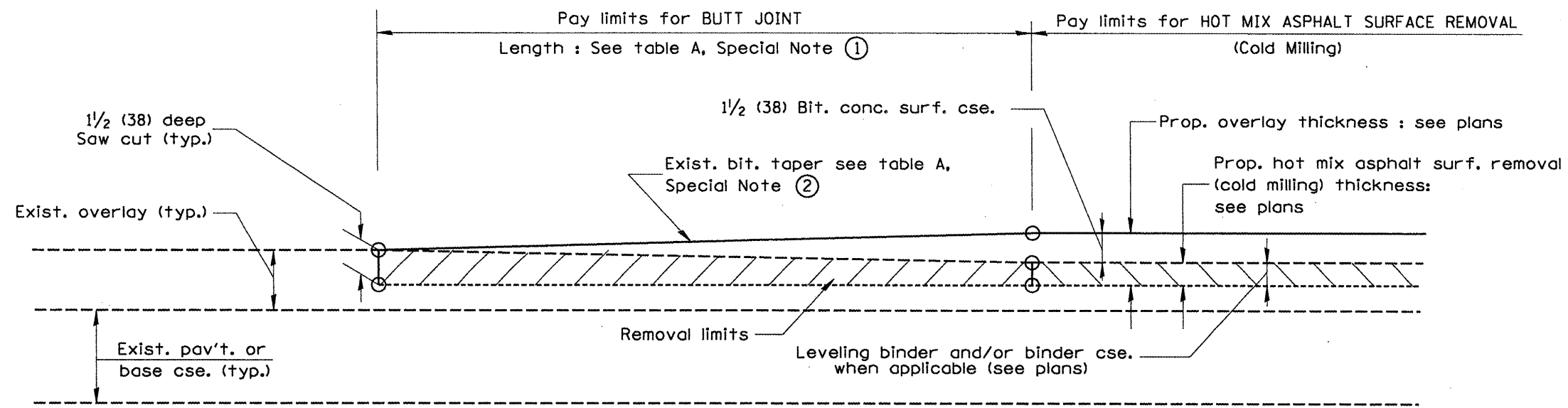
01-01-97	BENJAMIN C-23.01 NEW REVISION BOX	J.P.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

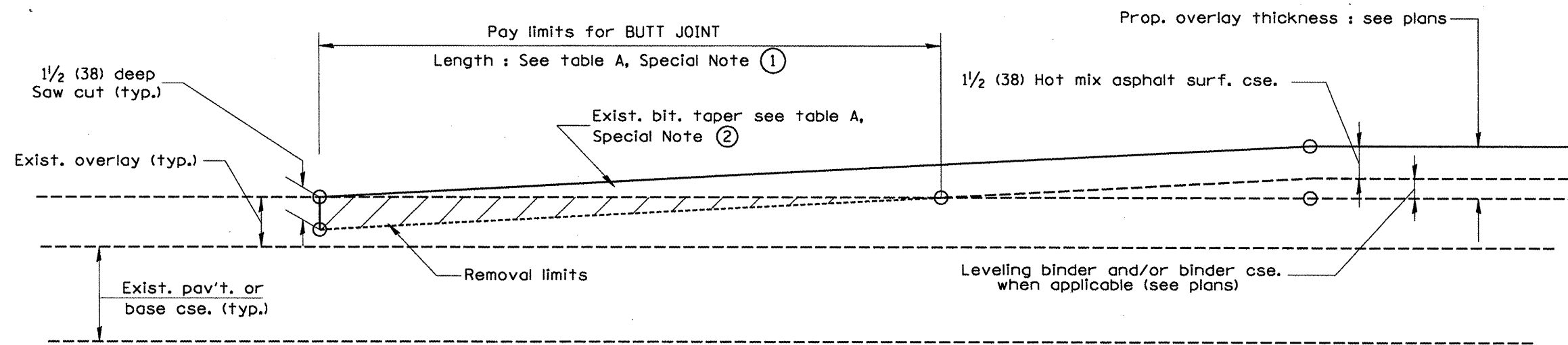
BUTT JOINTS

NOT TO SCALE

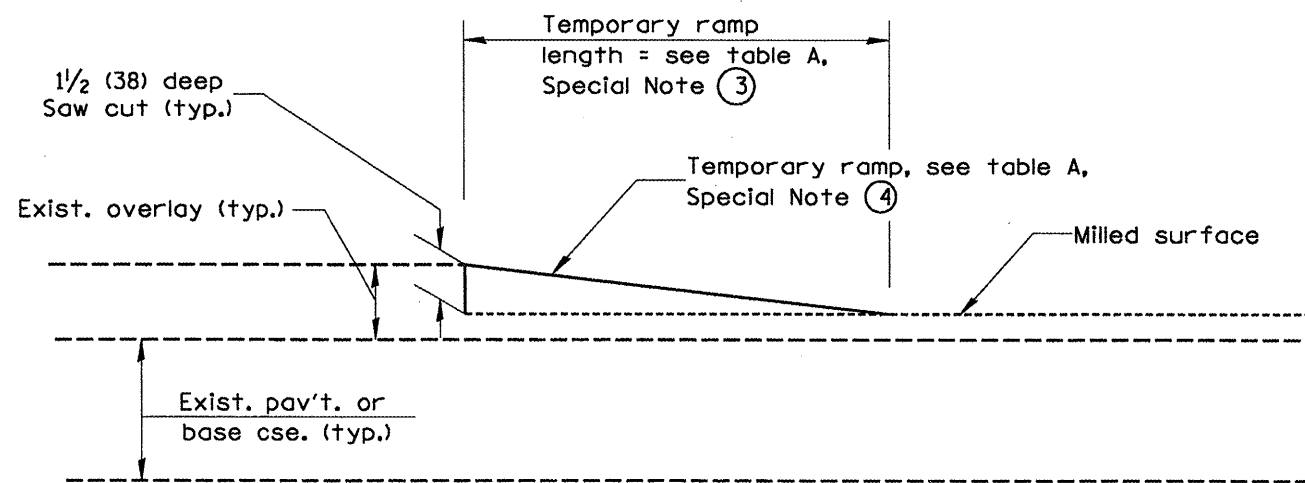
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22		Peoria	100	42
SHI-1-0E-3 CAD. STD. 406101-04			CONTRACT NO. 68890	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



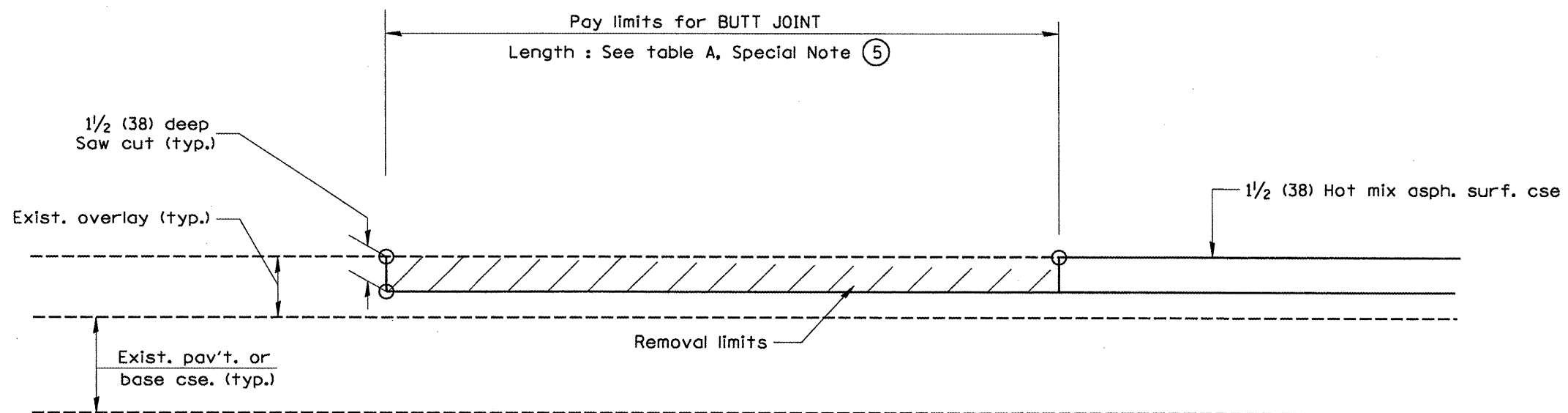
**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

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

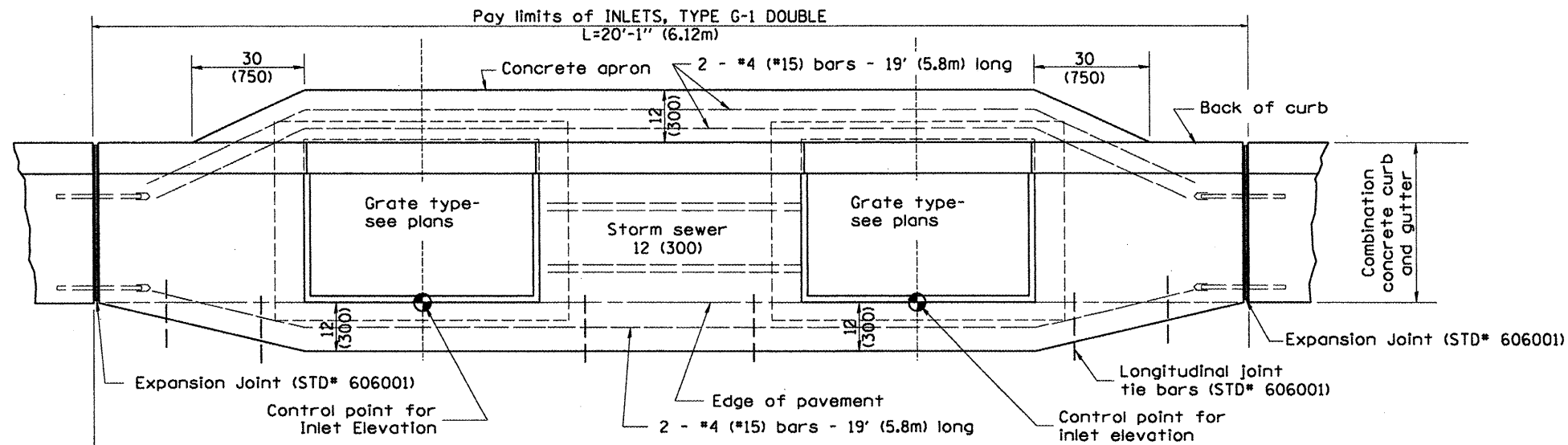
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				BUTT JOINTS				SHI, 2 OF 3 C400_S10_406101-04	
NOT TO SCALE		F.A.P. RTE. 22		SECTION		COUNTY Pearl		TOTAL SHEETS 100	
		FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 68890	



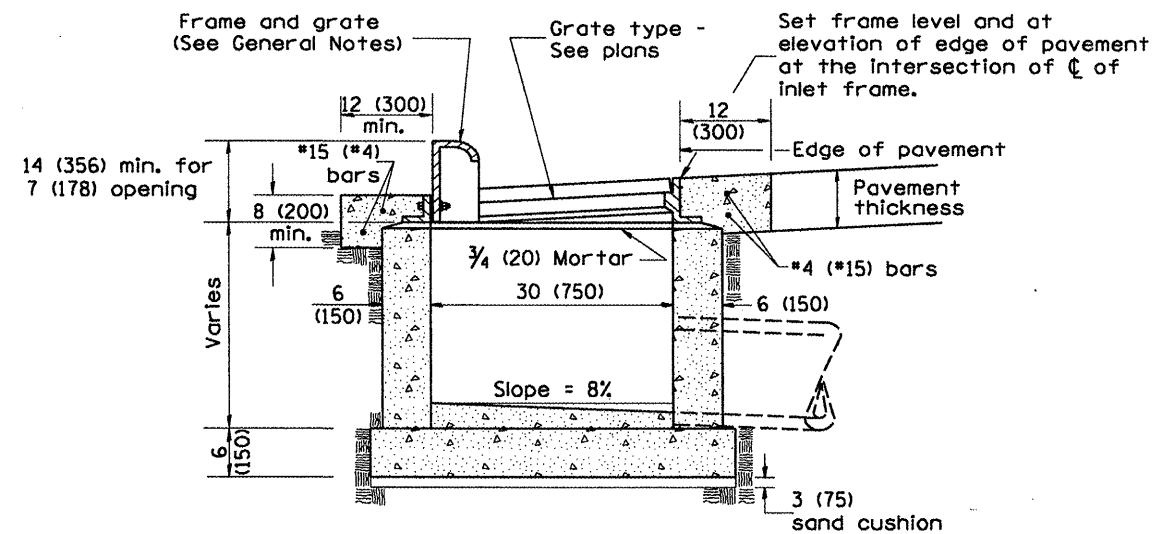
**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

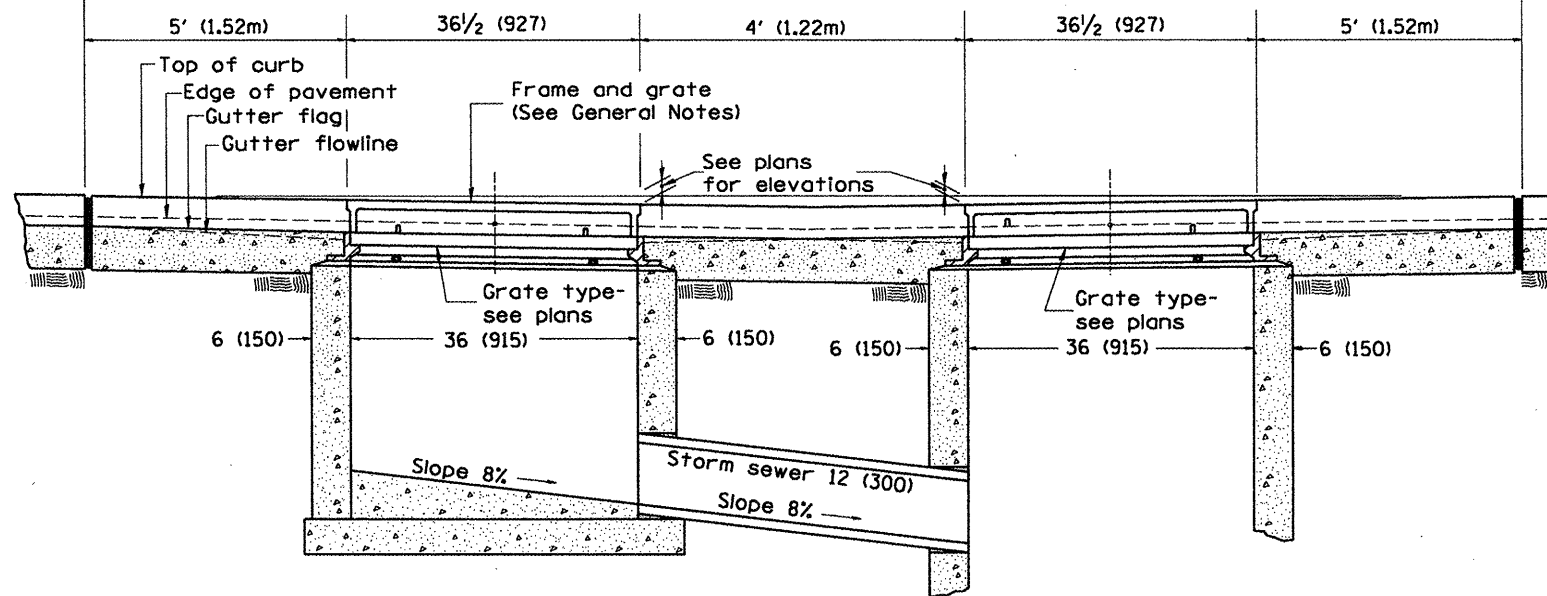
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHI 3 OF 3 CADD_SIO_406101-04	NOT TO SCALE	F.A.P. RTE. 22	SECTION *	COUNTY Peoria	TOTAL SHEETS 100	SHEET NO. 44
								=1108X,130,102IRS-3;129RS-4,10IRS-2		CONTRACT NO. 68890				
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					



PLAN



ELEVATION (SIDE)



FRONT ELEVATION

GENERAL NOTES

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

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

01-01-97	BENUM_B-4.03_NEW_REVISION_BOX	I.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
04-01-97	CORRECT PAVI SLOPE	J.A.			
10-99	REVISION TO GENERAL NOTES	J.A.			
02-00	REVISION TO DESIGNER NOTES	J.A.			

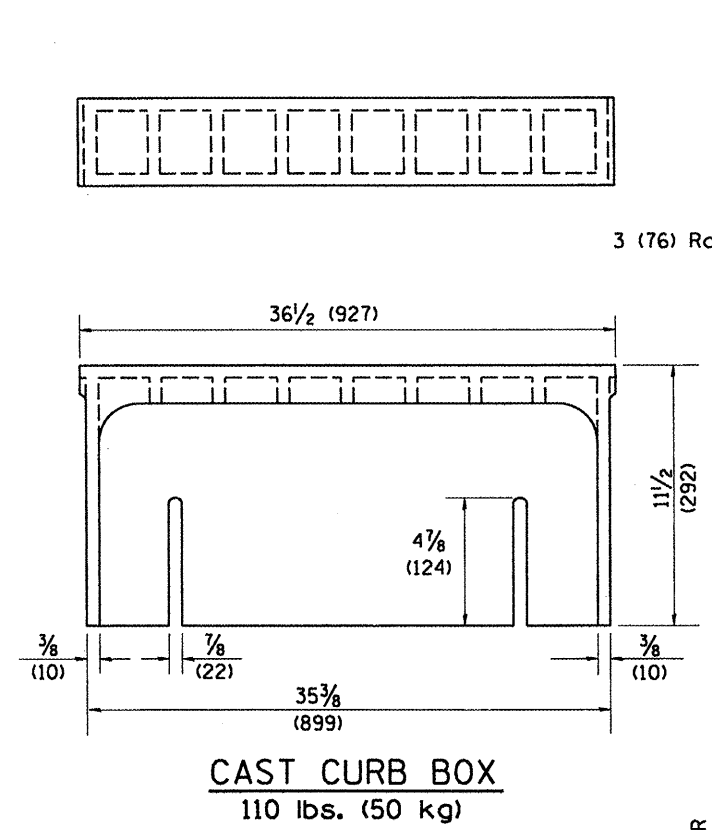
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1 DOUBLE

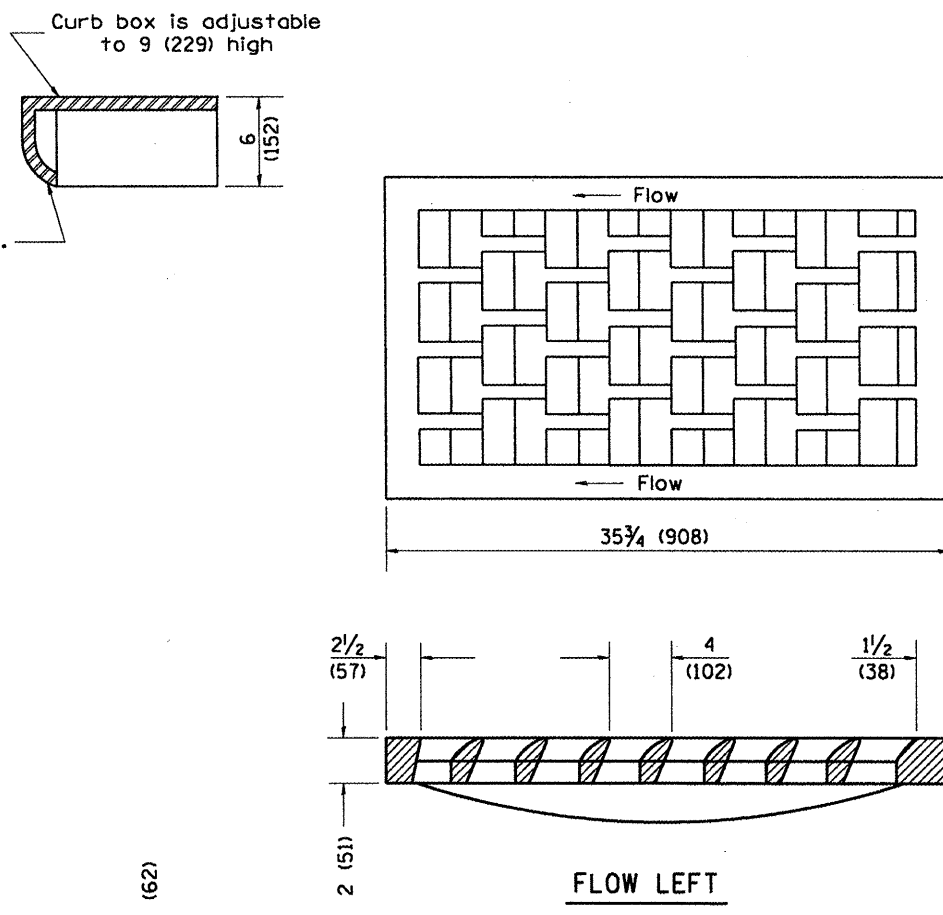
NOT TO SCALE

CADD STD. 602011-04

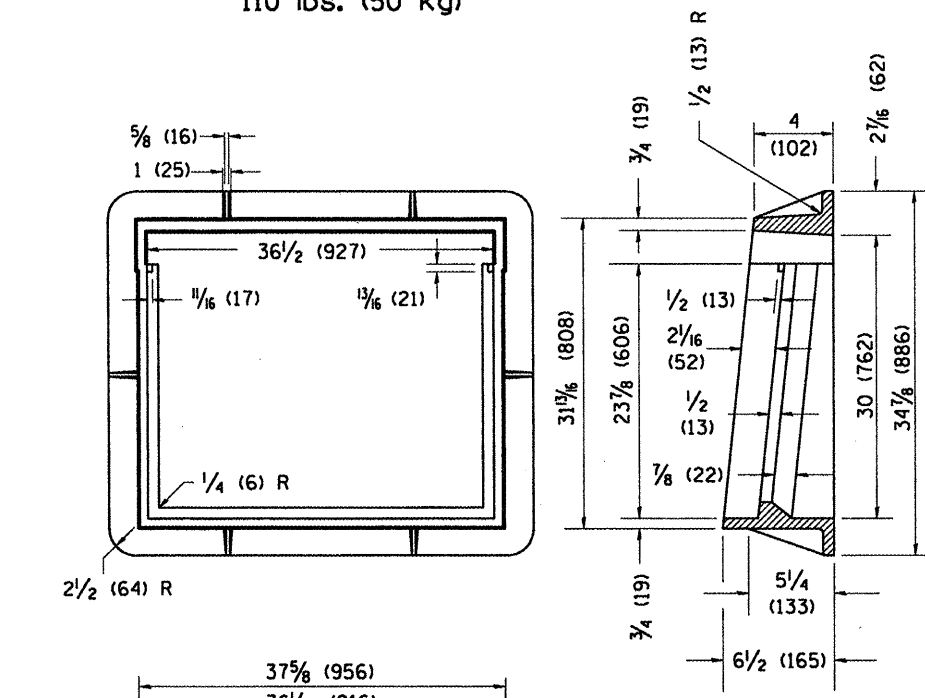
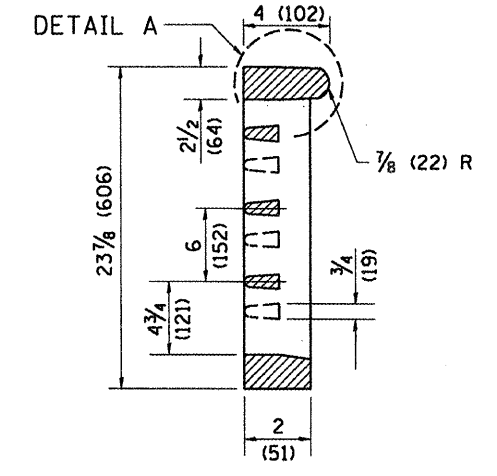
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22		Peoria	100	45
*1108X,130,102IRS-3;129RS-4,101RS-2		CONTRACT NO. 68890		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



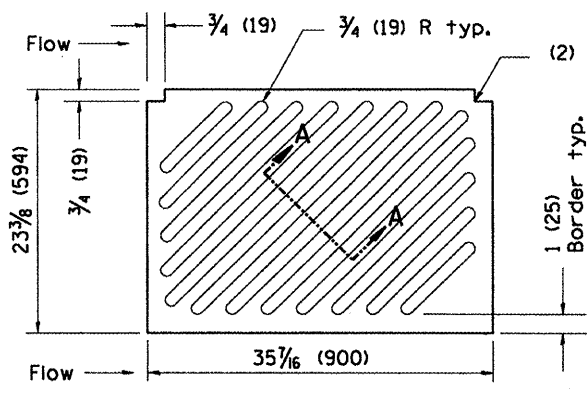
CAST CURB BOX
110 lbs. (50 kg)



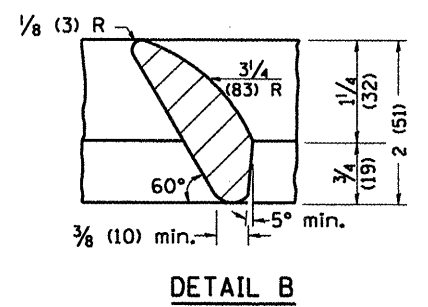
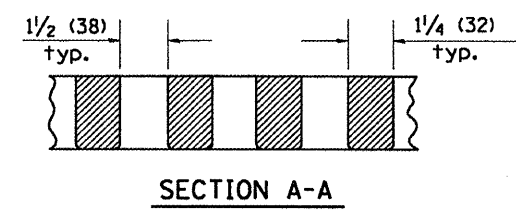
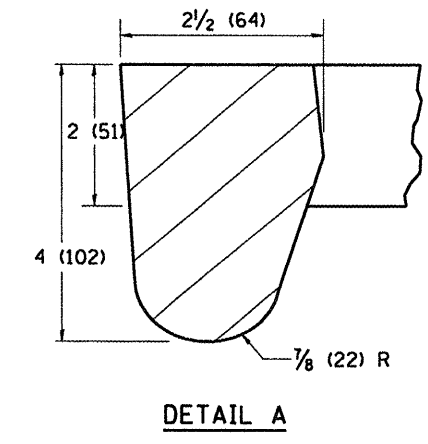
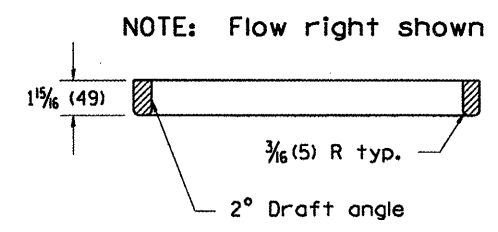
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 kg)



CAST FRAME
271 lbs. (123 kg)



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

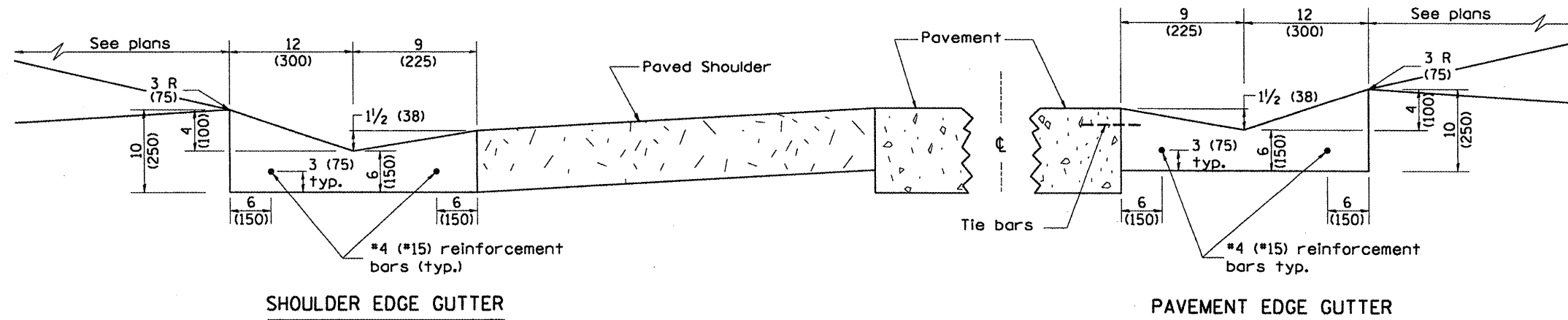


GENERAL NOTES

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

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

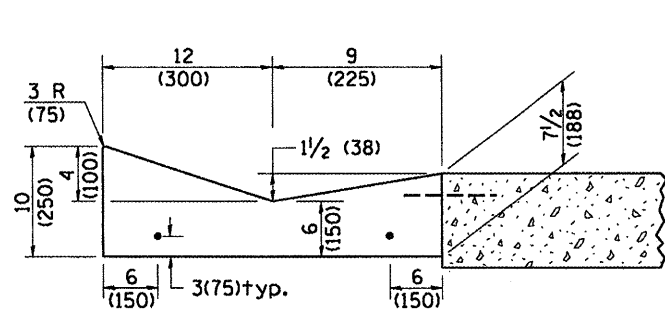
01-01-97	BENJ. B-10-01-NEW REVISION BOX	-I.P.-																			
10-16-06	REVISED TO 2007 SPEC.	-M.A.-																			
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION											FRAME & GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES					TOTAL SHEETS 100				SHEET NO. 46	
NOT TO SCALE											CADD STD. 604001-04					CONTRACT NO. 68890				ILLINOIS FED. AID PROJECT	



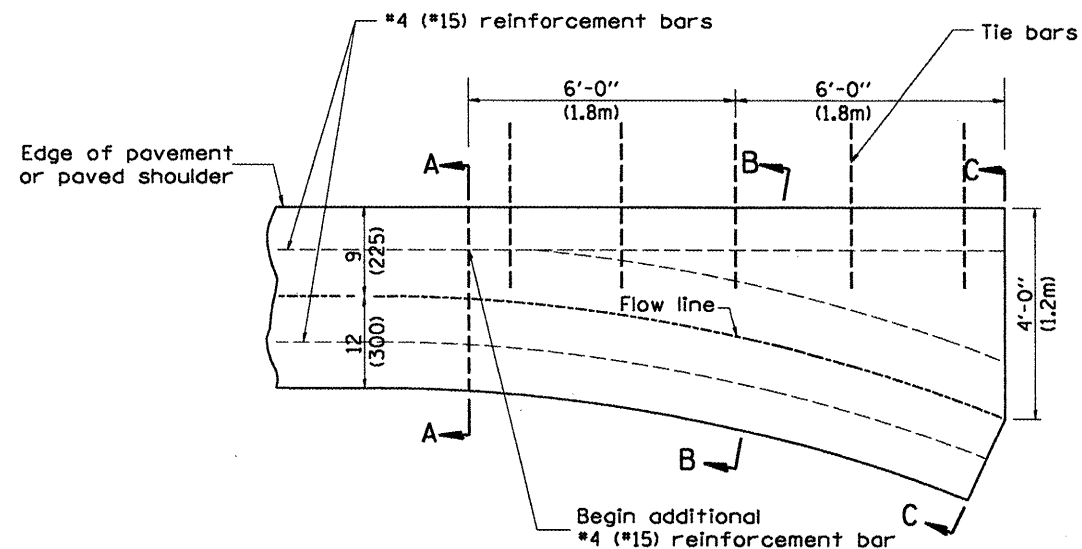
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

TYPE B GUTTER (MODIFIED)



SECTION A-A

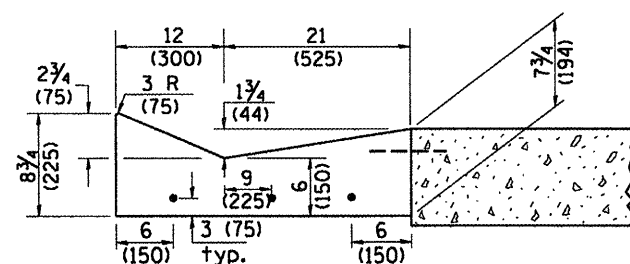


PLAN

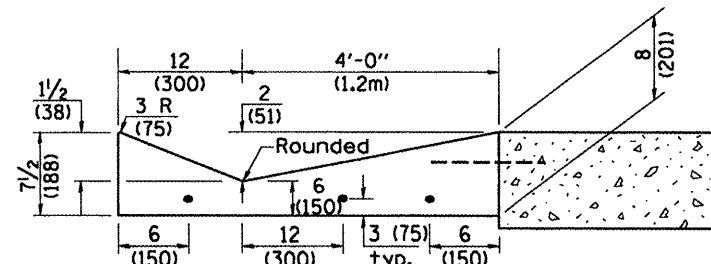
QUANTITY
Section C-C to A-A=
0.73 cu. yd. concrete.

GENERAL NOTES:

1. TYPE B GUTTER (MODIFIED) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 6 (No. 20) at 24" (600mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).



SECTION B-B



SECTION C-C

INLET

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	
01-01-97	BEUM...&I...NEW REVISION BOX...ELIMINATED... I.P.
03-06-98	EXPANSION ANCHOR TIES... J.A.
03-10-06	REVISIO... QUANTITY... M.A.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22		Peoria	100	47
CONTRACT NO. 68890				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

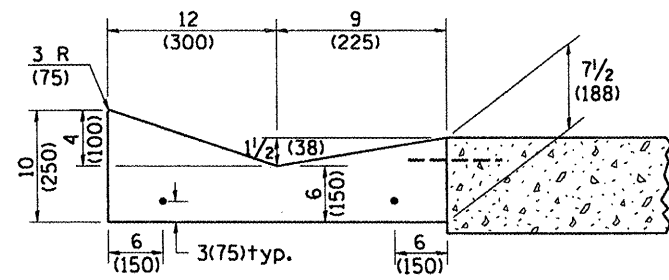
TYPE B GUTTER (MODIFIED) (INLET, OUTLET & ENTRANCE)

NOT TO SCALE

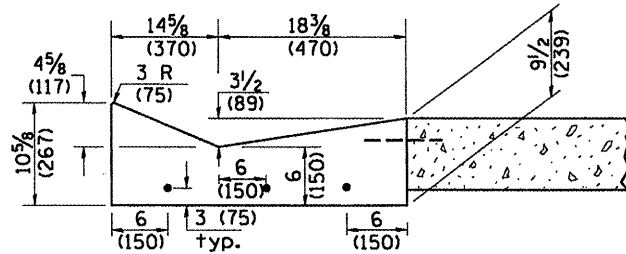
SHEET 1 OF 3

C&D STG. 606201-04

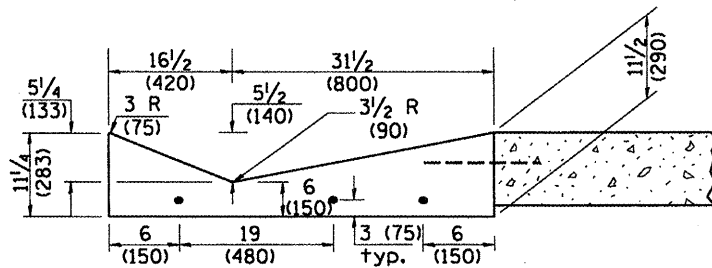
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



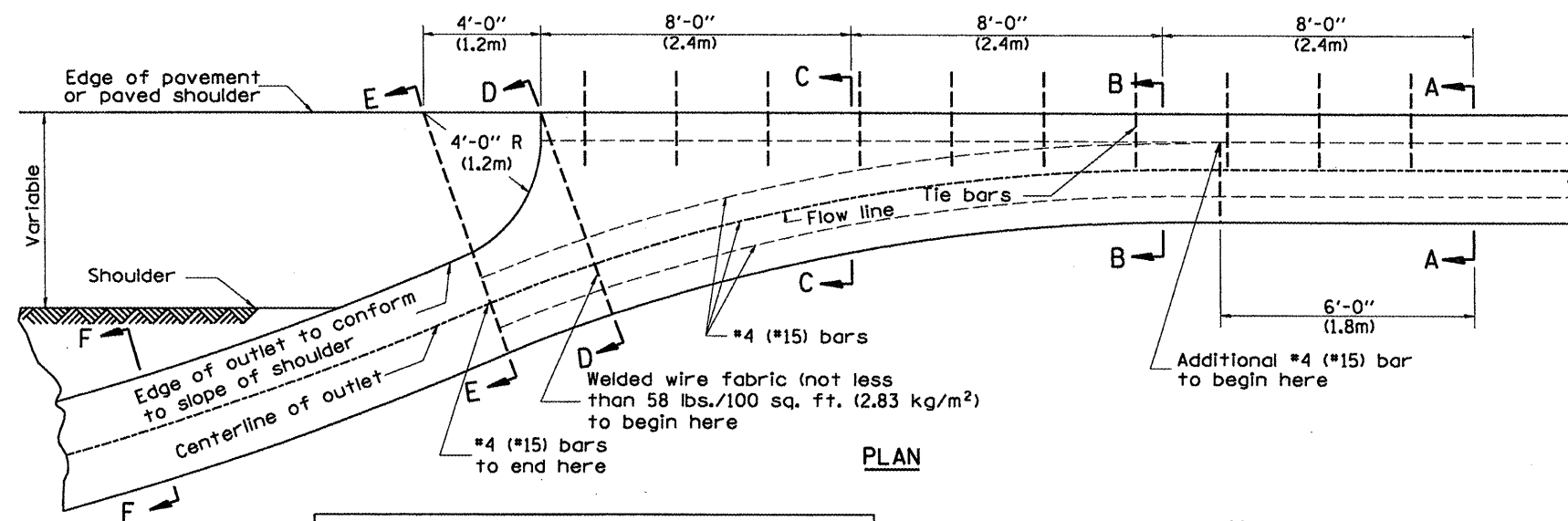
SECTION A-A



SECTION B-B



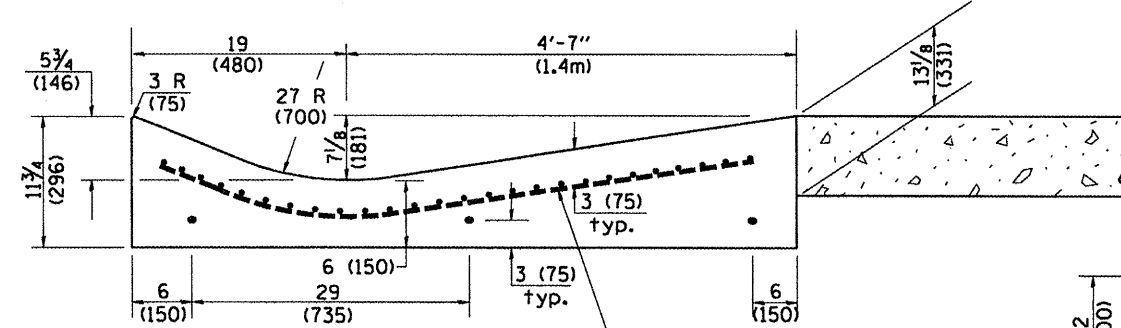
SECTION C-C



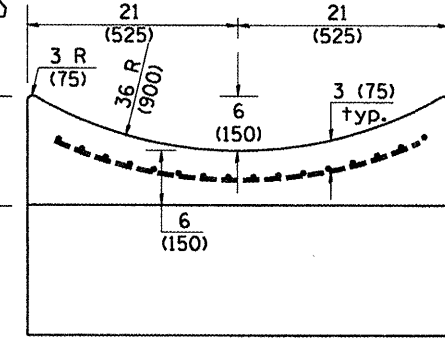
PLAN

QUANTITY
 Section A-A to E-E= 2.81 cu. yd. concrete.
 Section E-E to F-F= 0.09 cu. yd./ft. concrete.

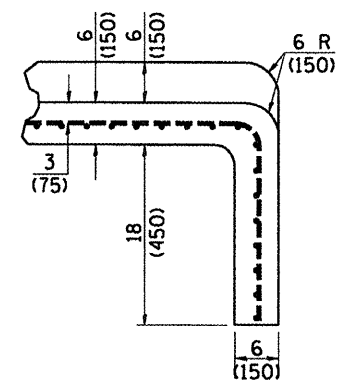
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8m) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION E-E



SECTION F-F

SECTIONS AT END OF OUTLET (CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. concrete.

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION

OUTLET

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

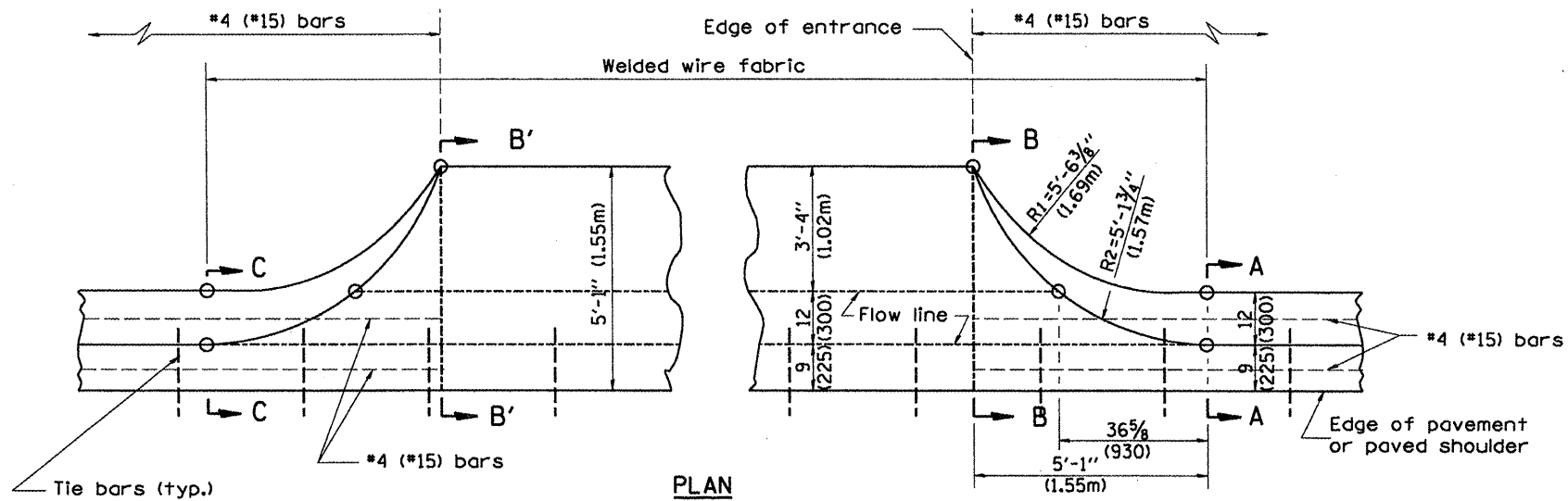
TYPE B GUTTER (MODIFIED)
 (INLET, OUTLET & ENTRANCE)

NOT TO SCALE

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

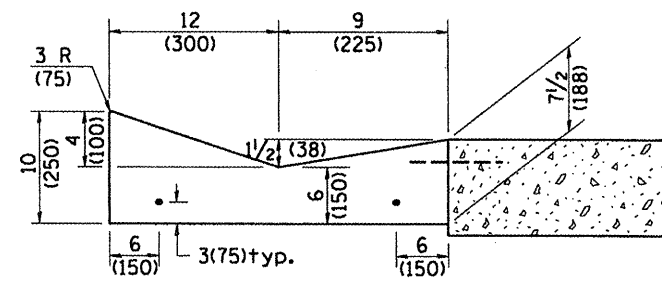
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22		Peoria	100	48

CONTRACT NO. 68890
 SHEET 2 OF 3
 CADG_S10_606201-04

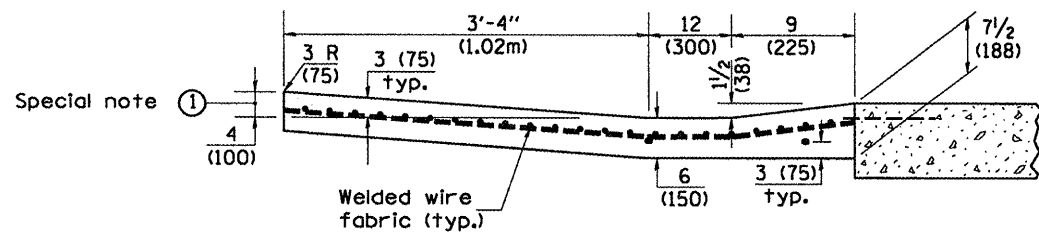


TYPICAL URBAN ENTRANCE

QUANTITY URBAN ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 0.69 cu. yd.

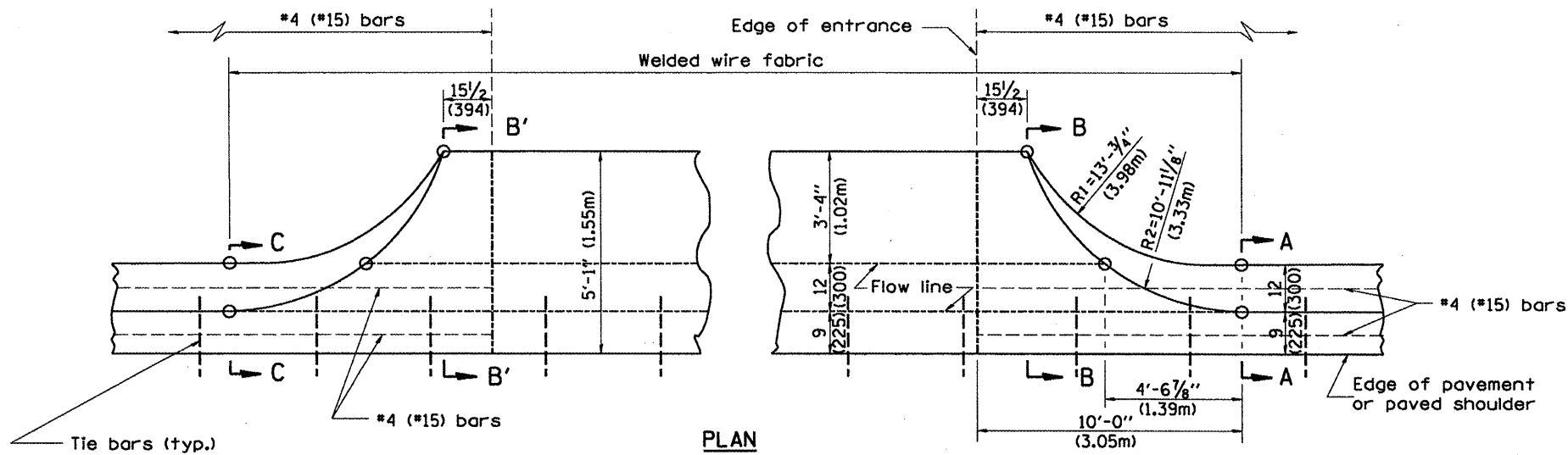


SECTION A-A & C-C



SECTION B-B & B'-B'

SPECIAL NOTES:
 ① 4 (100) is the normal dimension. If specified in the plans, the following shall be used for improved entrance match-up: Minimum - 2 1/2 (65) Maximum - 5 (125)



TYPICAL RURAL ENTRANCE

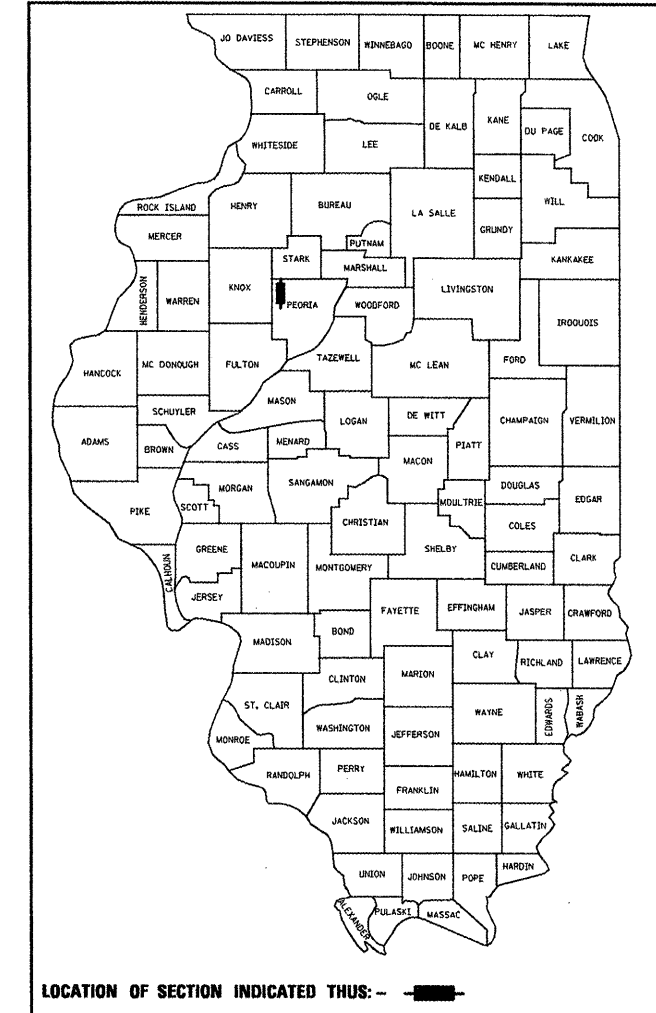
QUANTITY RURAL ENTRANCE
 Section B'-B' to B-B= 0.1 cu. yd./ft.
 Section C-C to B'-B' + B-B to A-A= 1.19 cu. yd.

QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	*	PEORIA	100	50
		ILLINOIS	CONTRACT NO. 68890	

* (108x,130,102)RS-3; 129RS-4, 101RS-2

D-94-056-09



LOCATION OF SECTION INDICATED THUS: —■—

DESCRIPTION OF PROJECT:
This project consists of the reconstruction of IL 78 from Maple Street to 400 feet south of BNSF Railroad in Laura and resurfacing from the Stark County line to north of US 150.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 22 (IL 78)
SECTION (108x,130,102)RS-3; 129RS-4, 101RS-2
TYPE of IMPROVEMENT : RESURFACING
PEORIA COUNTY

FOR INFORMATION ONLY

INDEX OF SHEETS

- 1 Cover Sheet
- 2-3 General Notes
- 4-5 Summary of Quantities
- 6 Typical Sections
- 7-9 Schedules of Quantities
- 10 Line Diagram
- 11 Intermittent Rumle Strip Detail
- 12-18 District Standards

HIGHWAY STANDARDS

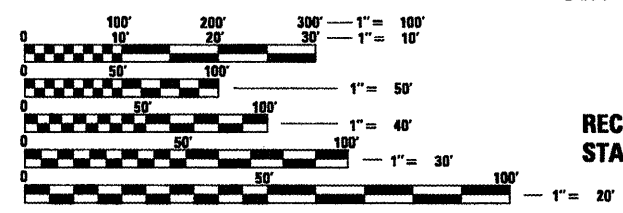
- 442201-03
- 701301-03
- 701306-02
- 701311-03
- 701326-
- 701336-05
- 701901-01
- 780001-02
- 781001-03

CADD STANDARDS

- 406101-D4
- 406301-D4
- 406401-D4
- 440001-D4
- 780001-D4

IL ROUTE 78

- ADT = 2750 (2007)
- MU = 8.1%
- SU = 5.5%
- Minor Arterial Rural



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 : MICHAEL J. BOYER (309)671-3457
CATALOG NO. 034238-00D
CONTRACT NO. 68890

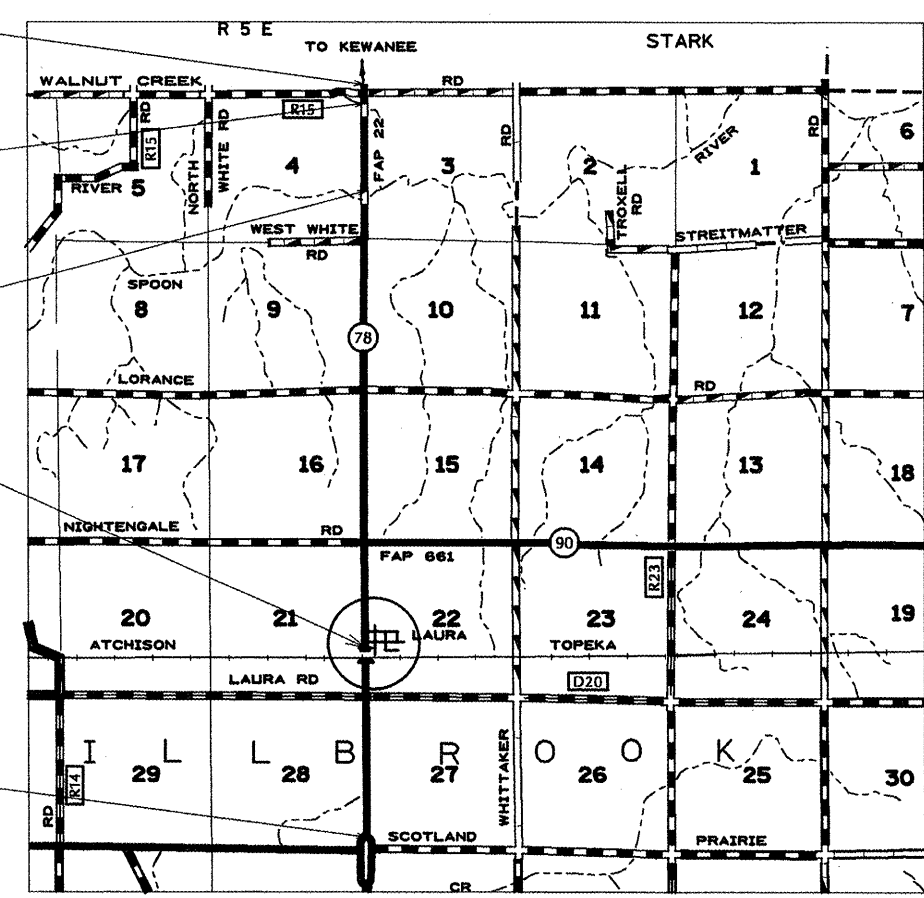
PROJECT BEGINS
STARK - PEORIA CO. LINE
STA. 459 + 18

STRUCTURE 072-2011
STA. 400 + 00

BRIDGE OMISSION
STR NO. 072-0031
STA 493+87 TO STA 497+97

RECONSTRUCTION OF IL 78
STA. 653 + 86 TO STA. 664 + 00

PROJECT ENDS
STA. 716 + 90



GROSS LENGTH = 25,703 FT. = 4.87 MILE
NET LENGTH = 25,703 FT. = 4.87 MILE

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.

BUTT JOINT CUTTING TIME RESTRICTION

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

PAVING SURFACE COURSE

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

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):
All of the telephone lines provided shall have unpublished numbers.

COMMITMENTS

No Commitments have been made for this project.

PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

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

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

HMA MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Mixture Use(s):	Surface Course	Incidental Surface (turnouts and entrances)	Class D Patches	HMA Shoulder (Surface lift if not paved w/mainline)	HMA Shoulder (Lower Lifts)
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	15%	25%	30%	30%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=30
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 9.5 or IL12.5	IL 19.0	IL 9.5L	IL 19.0L
Friction Aggregate:	Mixture D (dolomite only)	Mixture C	N.A.	Mixture C	N.A.

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

* (108x,130,102)RS-3; 129RS-4, 101RS-2

FILE NAME = 68890-resurfacing.dgn	USER NAME = boyermj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 22	SECTION •	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 51	
	PLLOT SCALE = 200,0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 68890		
	PLLOT DATE = 4/7/2009	CHECKED -	REVISED -		[ILLINOIS] FED. AID PROJECT					
		DATE -	REVISED -							

SUMMARY OF QUANTITIES for Information Only

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	PEORIA COUNTY 1000
20200600	EXCAVATING & GRADING EXISTING SHOULDER	UNIT	465	465
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	49	49
40600300	AGGREGATE (PRIME COAT)	TON	280	280
40600895	CONSTRUCTING TEST STRIP	EACH	1	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	347	347
40600990	TEMPORARY RAMP	SQ YD	58	58
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	5,892	5,892
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	115	115
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	71,603	71,603
44200132	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	976	976
44200136	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	224	224
44200138	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	187	187
48101200	AGGREGATE SHOULDERS, TYPE B	TON	891	891
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	20,647	20,647
64200105	SHOULDER RUMBLE STRIP	FT	48,652	48,652
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6.0

* (108x,130,102)RS-3; 129RS-4, 101RS-2

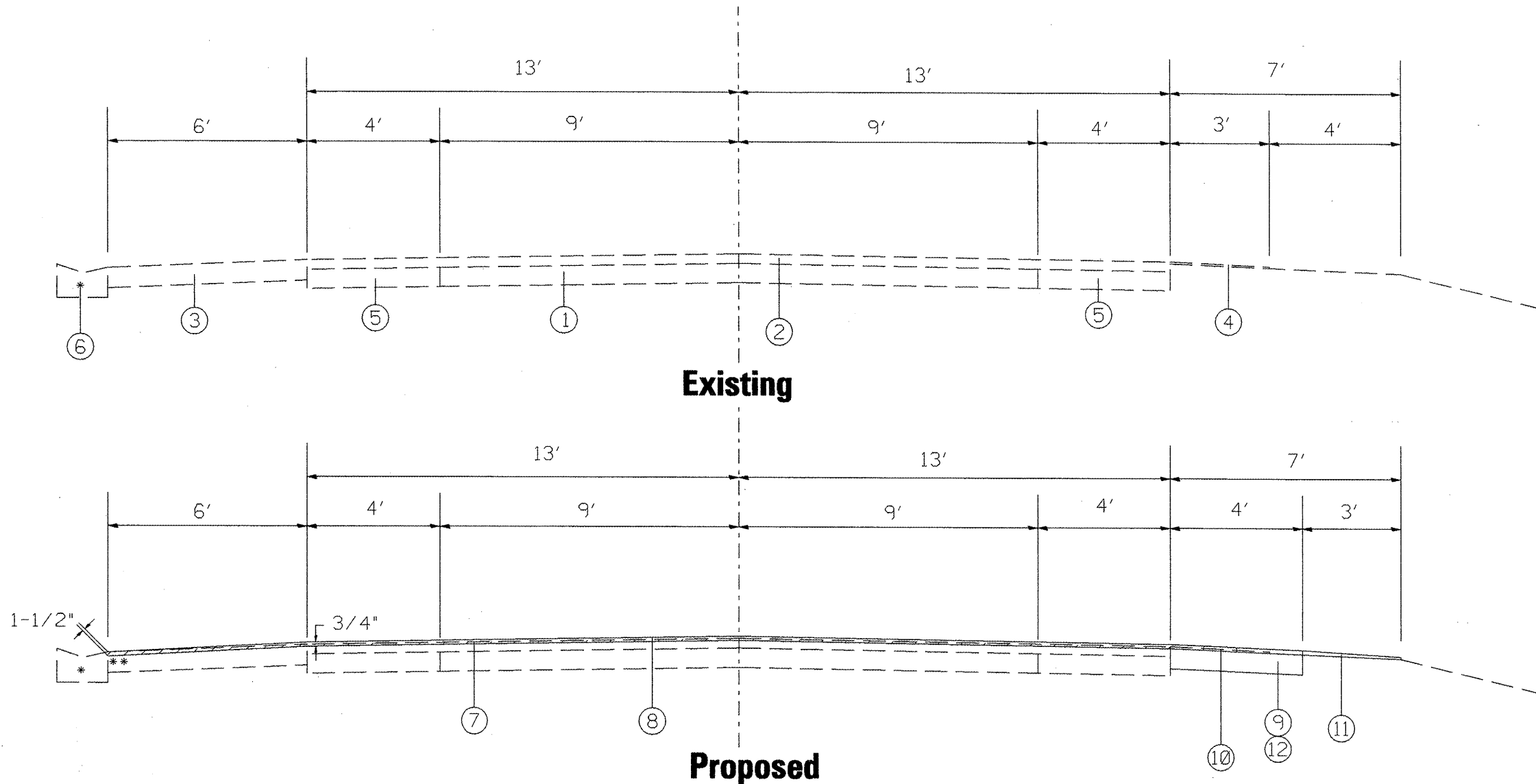
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		DRAWN -	REVISED -						PEORIA	100	52
	PLOT SCALE = 200.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 4/7/2009	DATE -	REVISED -								
[ILLINOIS] FED. AID PROJECT											

SUMMARY OF QUANTITIES for Information Only

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	PEORIA COUNTY 1000
67100100	MOBILIZATION	L SUM	1	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1.0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20.0
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1.00
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,120	5,120
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	68,648	68,648
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	853	853
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	68,649	68,649
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	303	303
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	303	303
X0322729	MATERIAL TRANSFER DEVICE	TON	5,892	5,892
X2503100	MOWING	UNIT	243	243

* (108x,130,102)RS-3; 129RS-4, 101RS-2

FILE NAME = 68890-resurfacing.dgn	USER NAME = boyer.mj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 22	SECTION •	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 53
PLOT SCALE = 200.0000' / IN.		CHECKED -	REVISED -							CONTRACT NO. 68890		
PLOT DATE = 4/7/2009		DATE -	REVISED -							ILLINOIS FED. AID PROJECT		



- ① Existing PCC Pavment 7"
- ② Existing HMA Overlay
- ③ Existing HMA Soulder
- ④ Existing Aggregate Shoulder
- ⑤ Existing HMA Base Course Widening 9"
- ⑥ Existing Type A Gutter
- ⑦ Proposed HMA Surface
- ⑧ Proposed HMA Surface Removal
- ⑨ Proposed HMA Shoulder 8"
- ⑩ Proposed Shoulder Rumble Strip
- ⑪ Proposed Aggregate Shoulder
- ⑫ Excavating and Grading

459+87 - 493+87
 Bridge Omission 493+87 - 497+97
 497+97 - 654+50
 Reconstruction Omission 654+50 - 662+00
 662+00 - 719+30

* Existing HMA Shoulder & Gutter
 RT STA 497+97 to 508+50
 LT STA 497+97 to 508+95

** Existing HMA Shoulder shall be milled in a manner to maintain an 1-1/2" of surface placement at the edge of the type A gutter. Variable depth milling will be paid for at the contract unit price for HMA Surface Removal 3/4".

*(108x,130,102)RS-3; 129RS-4, 101RS-2

FILE NAME = 68890-resurfacing.dgn	USER NAME = boyer.mj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 22	SECTION .	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 54
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PLOT DATE = 4/7/2009	CHECKED -	REVISED -	ILLINOIS FED. AID PROJECT						
	DATE -	REVISED -	CONTRACT NO. 68990						

STA TO STA			LENGTH	WIDTH	AREA		BUTT JOINTS	TEMP RAMP	HOT-MIX ASPHALT SURF REM (3/4")	HOT-MIX ASPHALT SHOULDER (8")	SHOULDER RUMBLE STRIP	EXC & GR EX SHLD	HMA SURF CSE MIX "D" N50 (1 1/2")	*POLY BIT MAT (PR CT)	*AGG (PR CT)	AGG SHLD TYPE B (RT / LT)	INCIDENTAL HMA SURFACING (1 1/2")
			(FT)	(FT)	(SQ.FT)	(SQ.YD)	(SQ.YD)	(SQ.YD)	(SQ.YD)	(SQ.YD)	(FT)	(UNIT)	TON	TON	TON	TON	TON
Mainline																	
459+87	TO	460+17	30	26	780.00	86.67	86.67	14.44	86.67				7.28	0.05	0.26		
460+17	TO	493+57	3,340	26	86,840.00	9,648.89			9,648.89				810.51	5.02	28.95		
493+57	TO	493+87	30	26	780.00	86.67	86.67	14.44	86.67				7.28	0.05	0.26		
BRIDGE OMISSION (493+87 TO 497+97)																	
497+97	TO	498+27	30	26	780.00	86.67	86.67	14.44	86.67				7.28	0.05	0.26		
498+27	TO	509+08	1,081	26	28,106.00	3,122.89			3,122.89				262.32	1.62	9.37		
509+08	TO	653+86	14,478	26	376,428.00	41,825.33			41,825.33				3,513.33	21.75	125.48		
RECONSTRUCTION LIMITS (653+86 TO 664+00)																	
664+00	TO	664+30	30	26	780.00	86.67			86.67				7.28	0.05	0.26		
664+30	TO	716+60	5,230	26	135,980.00	15,108.89			15,108.89				1,269.15	7.86	45.33		
716+60	TO	716+90	30	26	780.00	86.67	86.67	14.44	86.67				7.28	0.05	0.26		
HMA Shoulders (LT & RT)**																	
459+87	TO	493+87	3,400	4	13,600.00	1,511.11				3,022.22	6,800.00	68.00		1.57	9.07	129.07	
BRIDGE OMISSION (493+87 TO 497+97)																	
497+97	TO	508+95	1,098	6	6,588.00	732.00			1,464.00		2,196.00			0.76	4.39		
508+48	TO	653+86	14,538	4	58,152.00	6,461.33				12,922.67	29,076.00	290.76		6.72	38.77	551.91	
RECONSTRUCTION LIMITS (653+86 TO 664+00)																	
664+00	TO	716+90	5,290	4	21,160.00	2,351.11				4,702.22	10,580.00	105.80		2.45	14.11	200.82	
SIDEROADS																	
RT STA 460+00 (Walnut Creek)			41	88-20	1,841.00	204.56	204.56	11.11						0.11	0.61	1.56	21.48
RT STA 511+61 (West White)			15	38-20	435.00	48.33	48.33	11.11						0.03	0.15	0.57	5.08
RT STA 564+78 (Lorande Rd.)			29	70-21	1,165.50	129.50	129.50	11.67						0.07	0.39	1.10	13.60
LT STA 564+78 (Lorande Rd.)			27	60-18	943.50	104.83	104.83	10.00						0.05	0.31	1.03	11.01
RT STA 618+70 (Nightengale Rd.)			20	63-25	850.00	94.44	94.44	13.89						0.05	0.28	0.76	9.92
LT STA 618+70 IL 90 (completed by others)																	
LT STA 650+00 (Cedar St.)			19	42-20	589.00	65.44	65.44	11.11						0.03	0.20	0.72	6.87
LT STA 653+58 (Maple St.)			14	72-55	889.00	98.78	98.78	30.56						0.05	0.30	0.53	10.37
RT STA 672+00 (Laura Rd.)			35	87-26	1,682.50	186.94	186.94	14.44						0.10	0.56	1.33	19.63
LT STA 672+00 (Laura Rd.)			36	91-29	1,388.00	154.22	154.22	14.44						0.08	0.46	1.37	16.19
TOTALS							347	58	71,603	20,647	48,652	465	5,892	49	280	891	115

* (108x,130,102)RS-3; 129RS-4, 101RS-2

FILE NAME = 68890resurfacing.dgn	USER NAME = bogernj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				F.A.P. RTE. 22	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -						PEORIA	100	55			
		CHECKED -	REVISED -					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT						

RAISED REFLECTIVE PAVEMENT MARKING					
STA.	TO	STA.	LENGTH	RAISED REF PAVEMENT MARKERS	RAISED REF PVT MRKRS REMOVAL
			(FT)	(EACH)	(EACH)
459+87	TO	493+87	3,400	43	43
BRIDGE OMISSION (493+87 TO 497+97)					
497+97	TO	653+86	15,589	195	195
RECONSTRUCTION LIMITS (653+86 TO 664+00)					
664+00	TO	716+90	5,290	66	66
TOTALS				303	303

HOT-MIX ASPHALT SHOULDERS						
STA.	TO	STA.	LENGTH	EXC & GR EX SHLD	HMA SHLD, 8"	SHLD RUMBLE STRIP
			(FT)	(UNIT)	(SQ YD)	(FT)
459+87	TO	493+87	3,400	68	3022	6800
BRIDGE OMISSION (493+87 TO 497+97)						
497+97	TO	508+95	1,098			2196
508+48	TO	653+86	14,538	291	12923	29076
RECONSTRUCTION LIMITS (653+86 TO 664+00)						
664+00	TO	716+90	5,290	106	4702	10580
TOTALS				465	20,648	48,652

MOWING				
STA.	TO	STA.	LENGTH	
			(FT)	(UNIT)
459+87	TO	493+87	3,400	34
BRIDGE OMISSION (493+87 TO 497+97)				
497+97	TO	653+86	15,589	156
RECONSTRUCTION LIMITS (653+86 TO 664+00)				
664+00	TO	716+90	5,290	53
TOTALS				243

CONSTRUCTING TEST STRIP	EACH
TOTAL	1

ENGINEERING FIELD OFFICE TYPE A	CAL MO
TOTAL	6

MOBILIZATION	L SUM
TOTAL	1

TRAF CONT & PROT STD 701306	L SUM
TOTAL	1

TRAF CONT & PROT STD 701326	L SUM
TOTAL	1

TRAF CONT & PROT STD 701336	L SUM
TOTAL	1

SHOULDER RUMBLE STRIP	FT
TOTAL	1

RATES:

FOR ALL HOT MIXES: 112 LBS/SQ.YD.IN.
 FOR AGGREGATE SHOULDERS TYPE B: 2.05 TON/CUYD
 OR 114 LBS/SQ.YD.IN

FOR BIT MATLS (PRIME COAT): 0.004 ton/gal
 -ON GRANULAR BASE: 0.5 GAL/SQ. YD.
 -ON EXIST. PVT.: 0.05 GAL/SQ.YD.
 -ON COLD MILLED AREA: 0.1 GAL/SQ.YD.
 -ON NEW PAV'T: 0.03 GAL/SQ.YD.

FOR AGG (PRIME COAT):
 -ON EXIST PVT: 4 LBS/SQ. YD.
 -ON COLD MILLED SURF: 4 LBS/SQ.YD.
 -ON NEW PVT: 2 LBS/SQ.YD.

* (108x,130,102)RS-3; 129RS-4, 101RS-2

MATERIAL TRANSFER DEVICE	TON
TOTAL	5,892

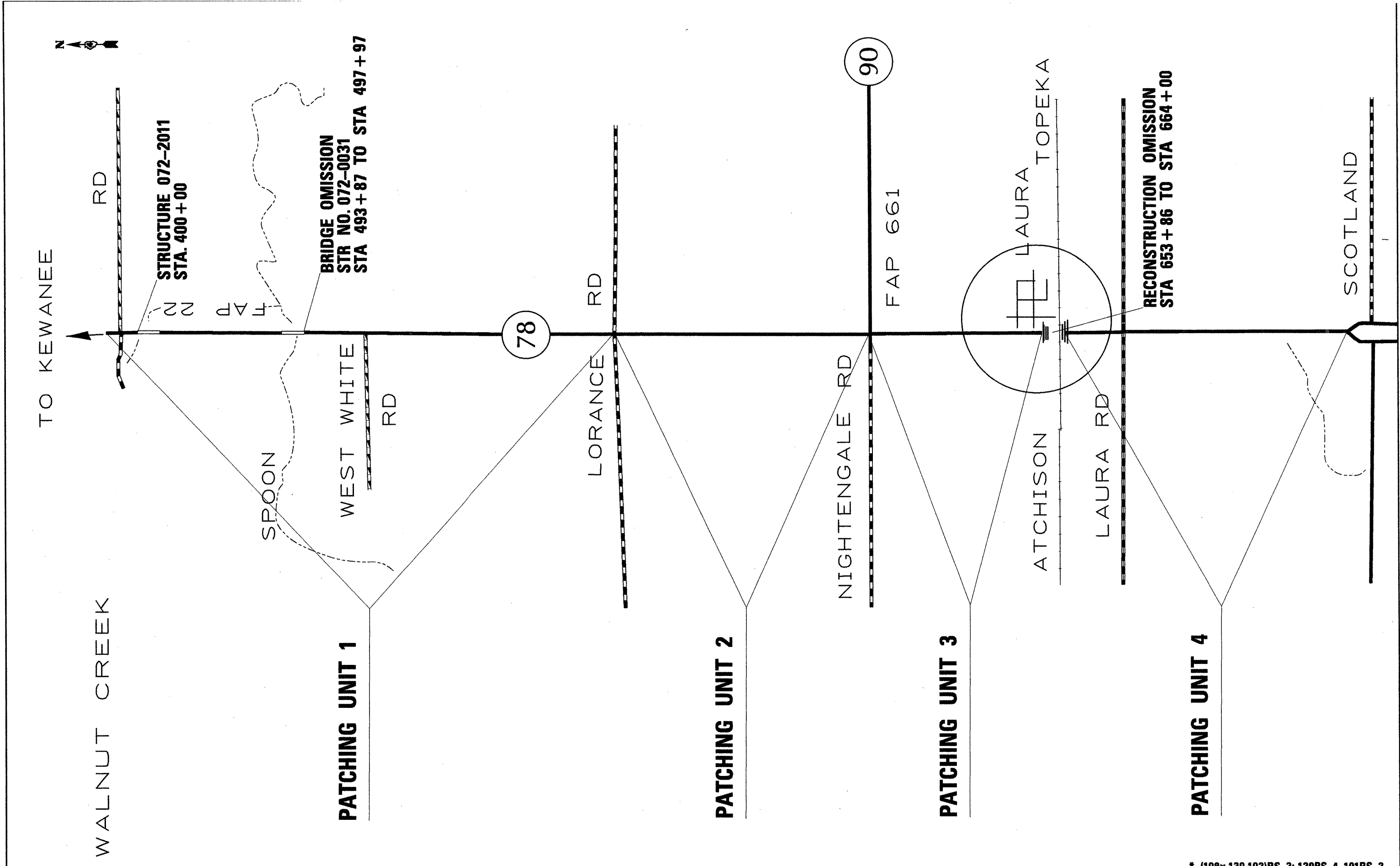
CHANGEABLE MESSAGE SIGN	CAL MO
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	CAL DA
TOTAL	20

CLASS D PATCHES, 11 INCH			
	Type II	Type III	Type IV
LOCATION	SQ YD	SQ YD	SQ YD
PATCHING UNIT 1	218.67	0.00	106.67
PATCHING UNIT 2	96.00	0.00	0.00
PATCHING UNIT 3	357.33	96.00	26.67
PATCHING UNIT 4	304.00	128.00	53.33
TOTAL	976	224	187

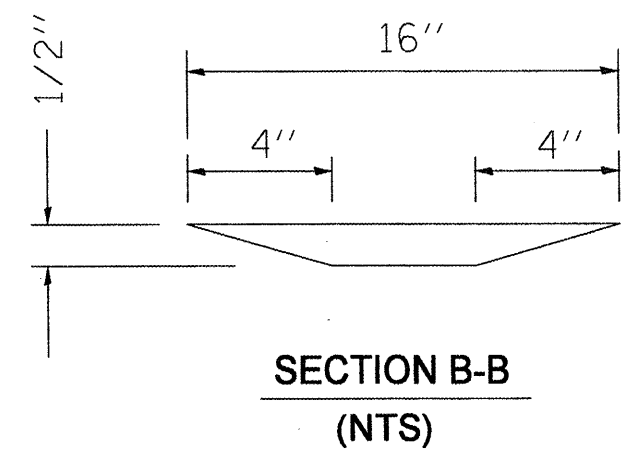
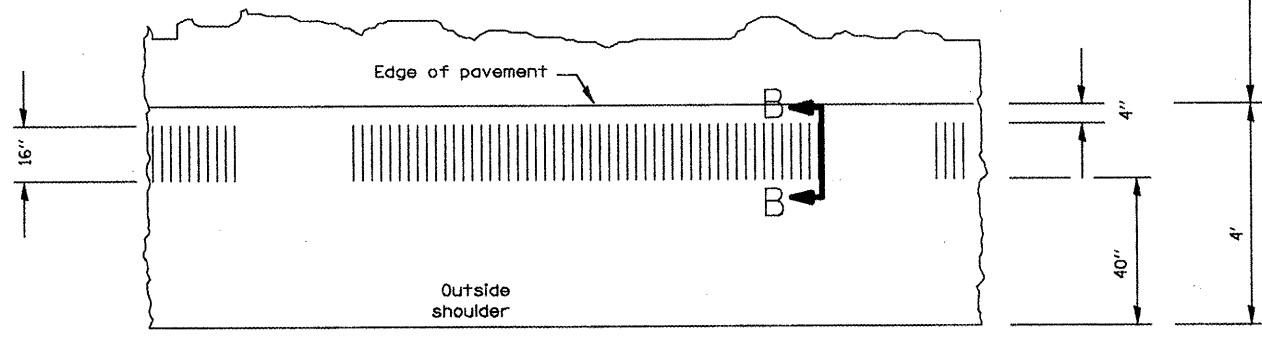
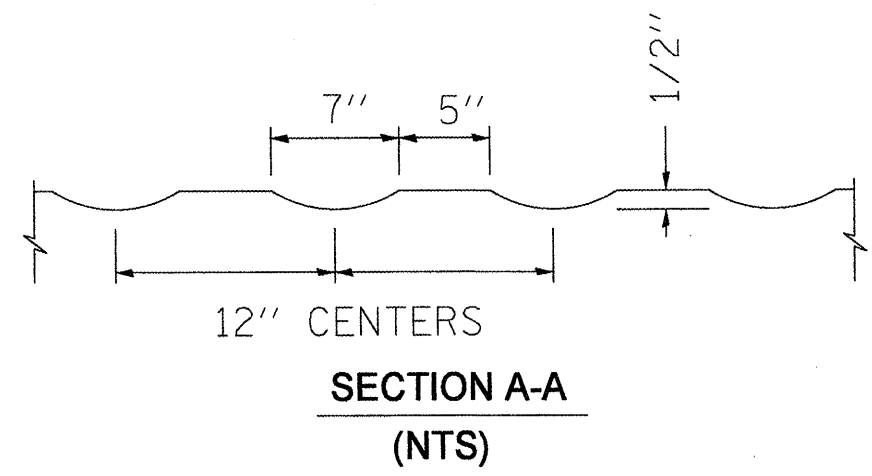
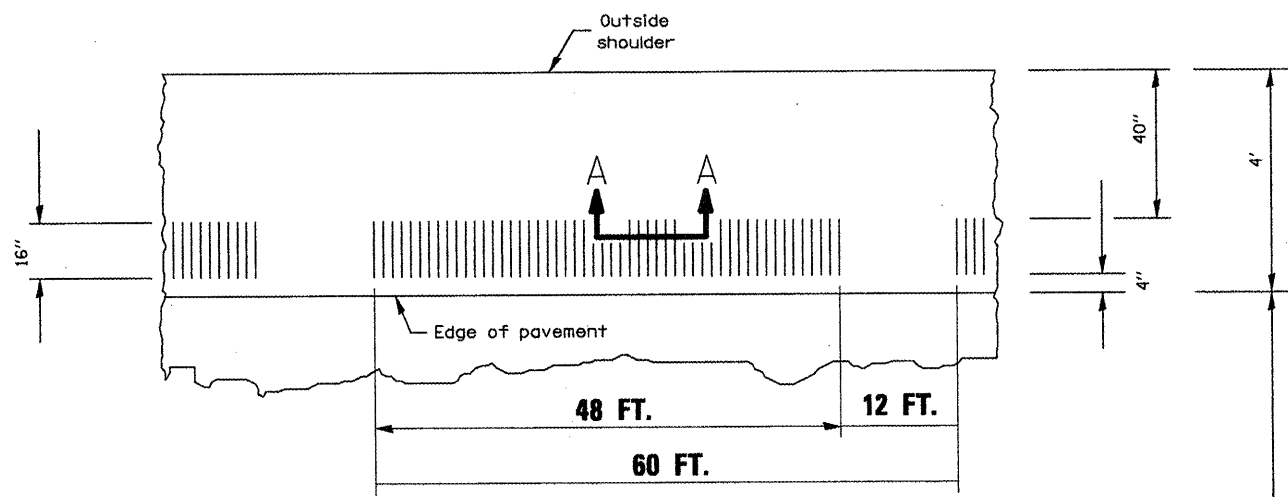
STATION TO STATION	LENGTH FEET	EPOXY PAVEMENT MARKING (FEET)			TEMPORARY PAVEMENT MARKING (FEET)			SHORT TERM PAVT MARKING* (FEET)	WORK ZONE PAVT MARKING REMOVAL (SQ. FT.)
		4"			4"				
		SOLID		SK. D.	SOLID		SK.D.		
		W	Y	Y	W	Y	Y	Y	
STA. 459+18 to 463+73	455	910	910	0	910	910	0	46	15
STA. 463+73 to 485+43	2170	4340	2170	543	4340	2170	543	217	72
STA. 485+43 to 493+87	844	1688	0	211	1688	0	211	84	28
BRIDGE OMISSION									
STA. 497+97 to 508+38	1041	2082	1041	260	2082	1041	260	104	35
STA. 508+38 to 513+42	504	1008	1008	0	1008	1008	0	50	17
STA. 513+42 to 518+78	536	1072	1072	134	1072	1072	134	54	18
STA. 518+78 to 542+27	2349	4698	0	587	4698	0	587	235	78
STA. 542+27 to 558+65	1638	3276	1638	410	3276	1638	410	164	55
STA. 558+65 to 649+33	9068	18136	0	2267	18136	0	2267	907	302
STA. 649+33 to 653+00	367	734	367	92	734	367	92	37	12
STA. 653+00 to 664+18	1118	2236	2236	0	2236	2236	0	112	37
STA. 664+18 to 669+38	520	1040	520	130	1040	520	130	52	17
STA. 669+38 to 713+29	4391	8782	0	1098	8782	0	1098	439	146
STA. 713+29 to 719+30	601	1202	601	150	1202	601	150	60	20
SUB TOTAL		51204	11563	5881	51204	11563	5881	2560	853
SUB TOTAL		51204	17444		51204	17444		X 2 APP.	
GRAND TOTAL		68649			68649			5120	853

* (108x,130,102)RS-3; 129RS-4, 101RS-2



* (108x,130,102)RS-3; 129RS-4, 101RS-2

FILE NAME = 68890-resurfacing.dgn	USER NAME = boyer.mj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 22	SECTION •	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 58
	PLDT SCALE = 200.0000 / IN.	CHECKED -	REVISED -					CONTRACT NO. 68890				
	PLDT DATE = 4/7/2009	DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT				

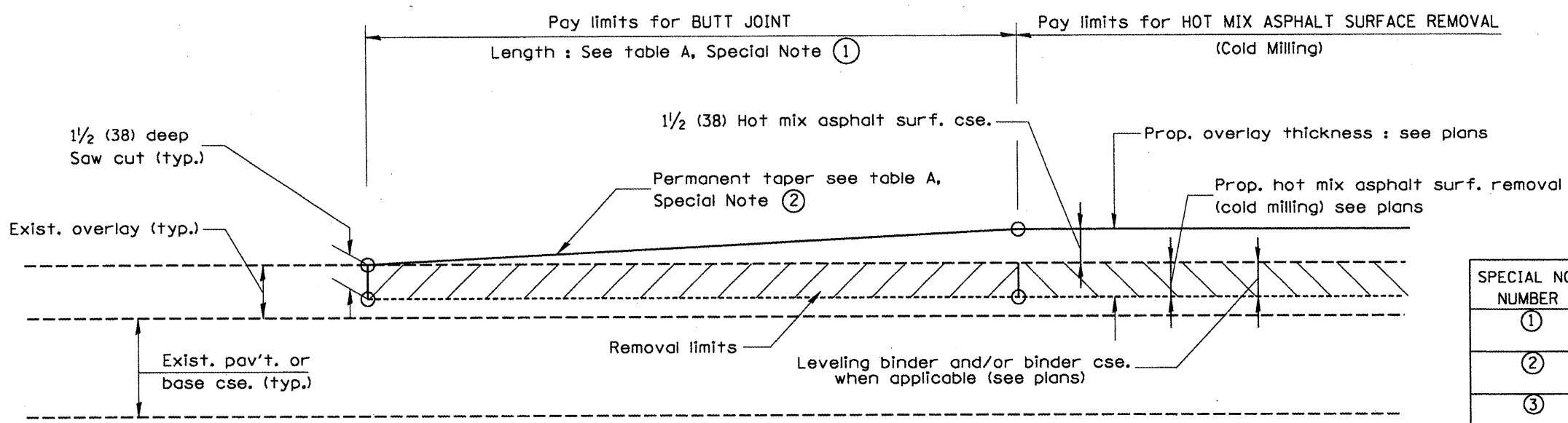


PLAN
INTERMITTENT RUMBLE STRIP
(NTS)

SECTION B-B
(NTS)

FILE NAME = 68890-resurfacing.dgn	USER NAME = boyermj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERMITTENT RUMBLE STRIP	F.A.P. RTE. 22	SECTION -	COUNTY PEORIA	TOTAL SHEETS 100	SHEET NO. 51
	PLDT SCALE = 200.0000' / IN.	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68890	
PLDT DATE = 4/7/2009	DATE -	REVISED -	REVISED -	* (108x130, 107)RS-3; 129RS-4, 101RS-2						

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).



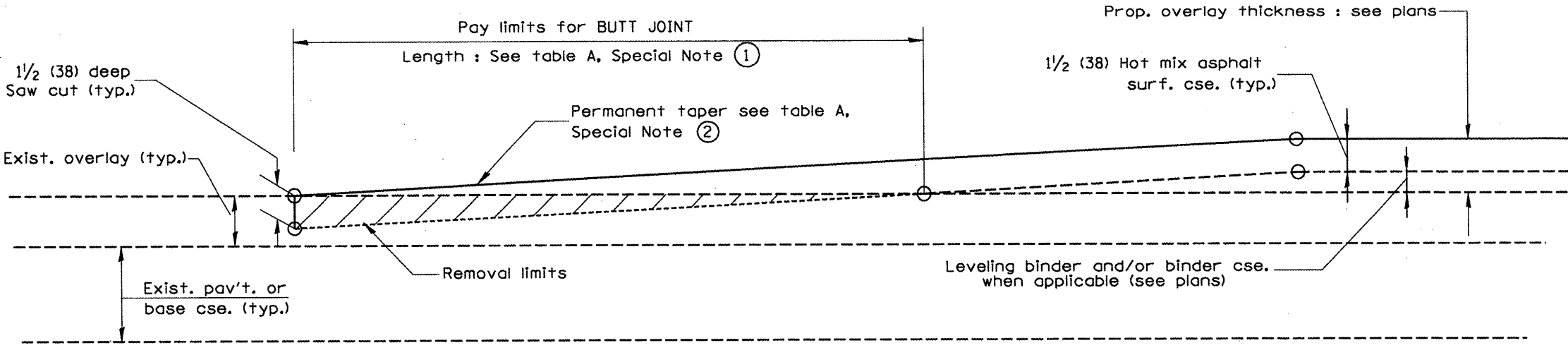
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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)

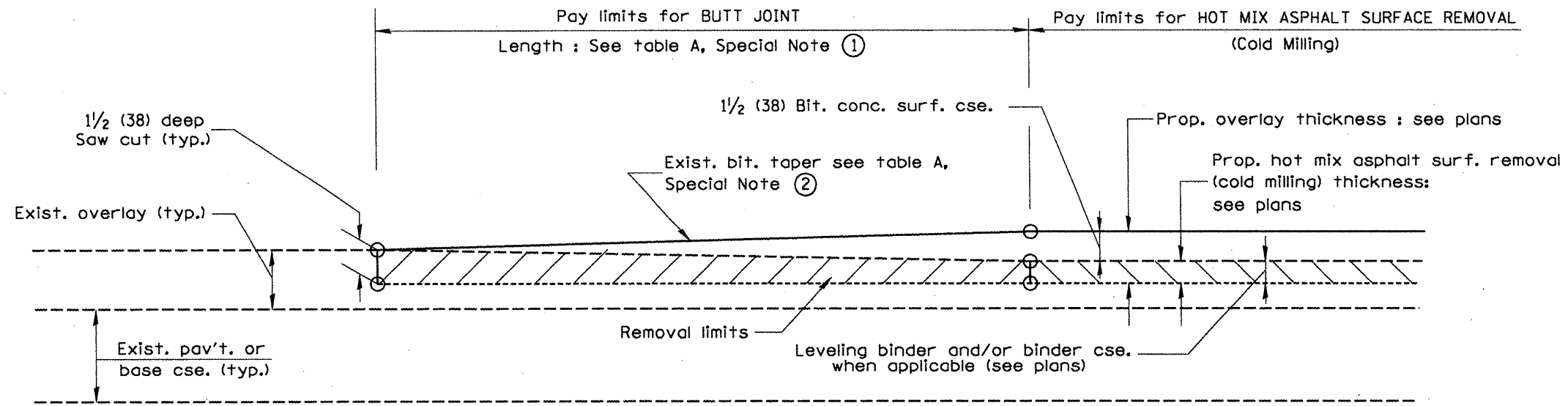
All dimensions are in Inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-23.01. NEW REVISION BOX	J.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.

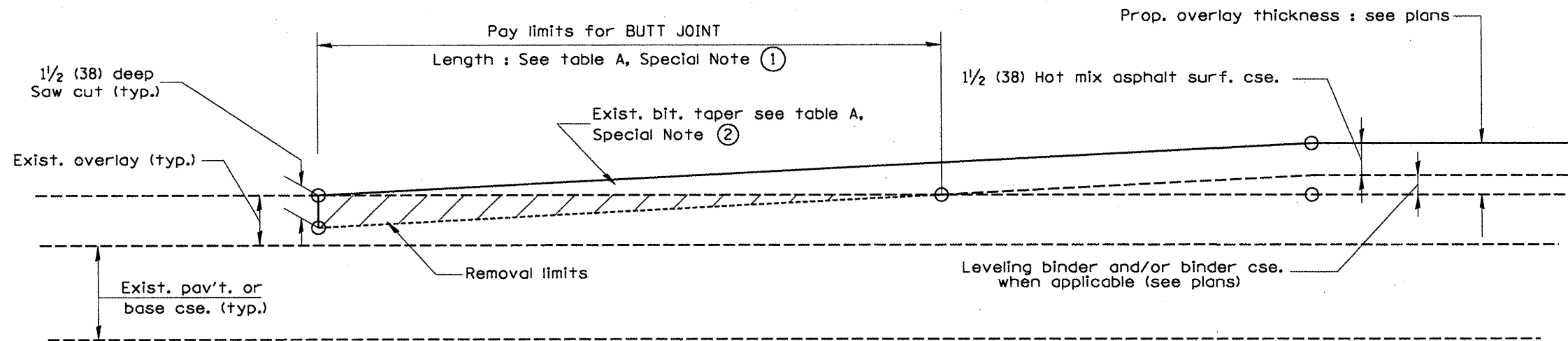
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS
 NOT TO SCALE
 SHI. 1 OF 3
 C&D SID. 406101-04

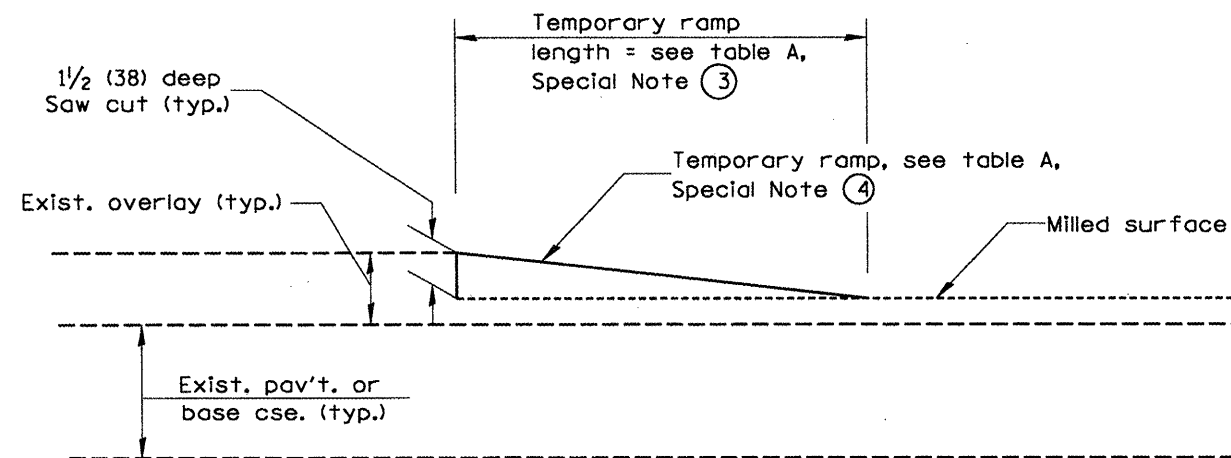
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	59a
* 1108X130,102RS-342RS-4,101RS-2		CONTRACT NO. 68890		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



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



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



DETAIL TEMPORARY RAMP

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

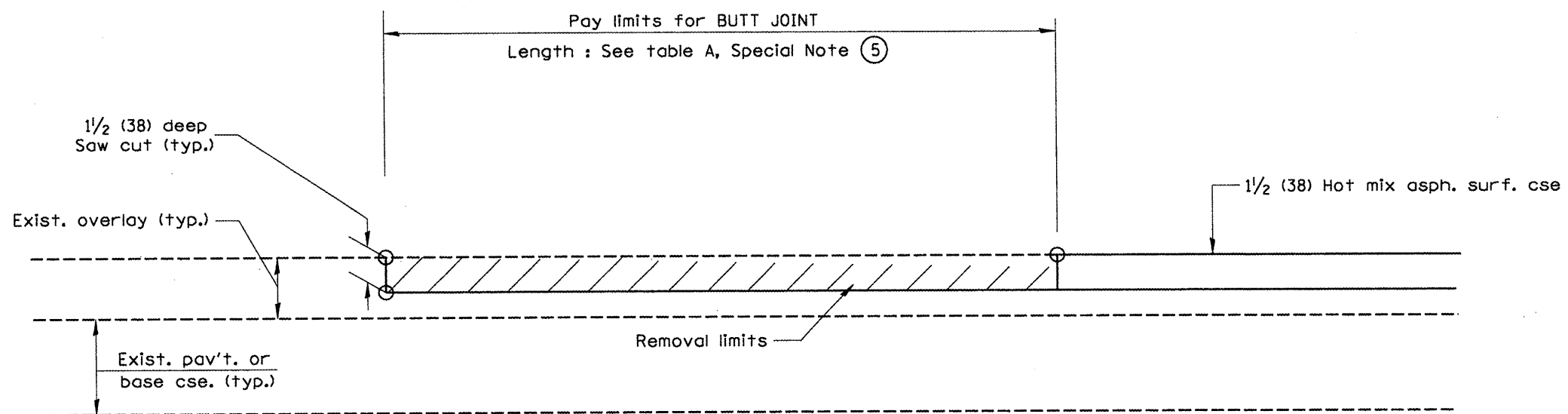
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHI_2 OF 3
CADD_S10_406101-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	59b
CONTRACT NO. 68890			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	



**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.

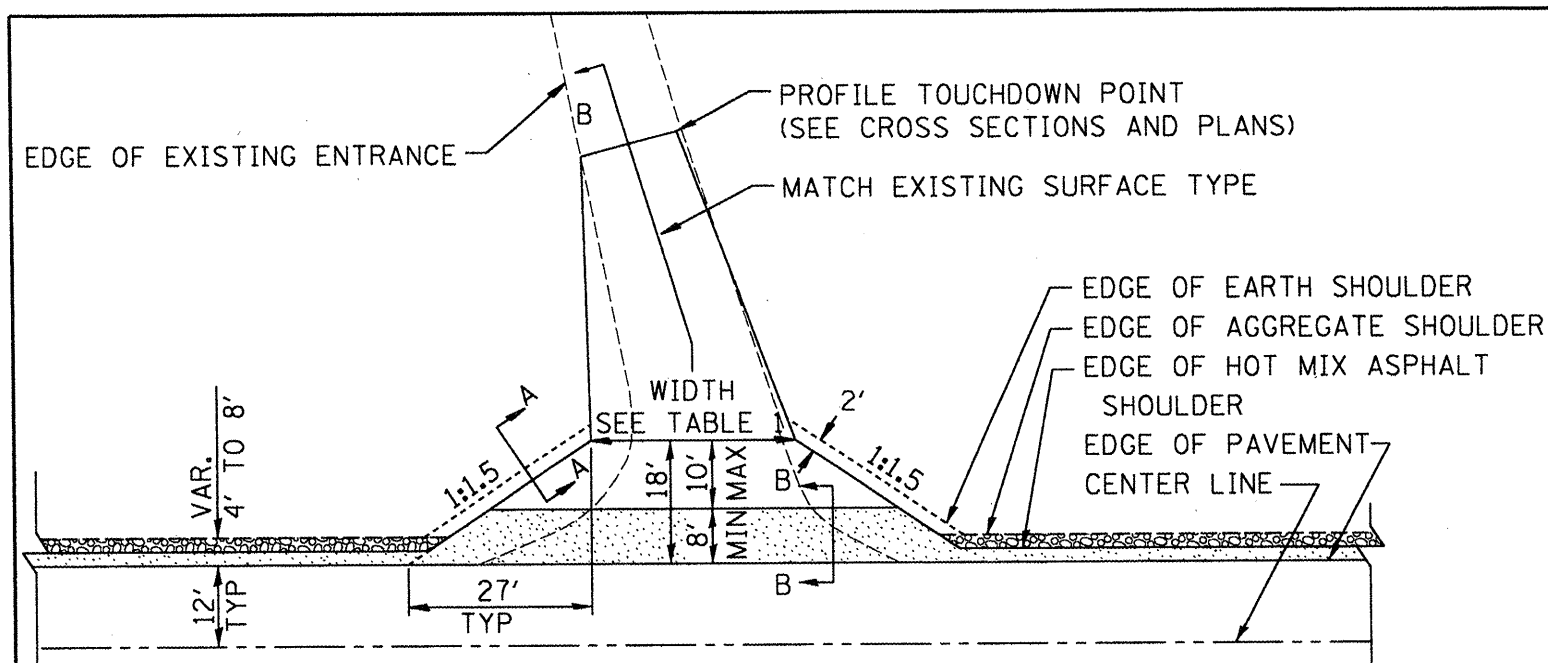
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

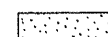

BUTT JOINTS

NOT TO SCALE

SHI. 3 OF 3
CAOQ SID. 406101:04

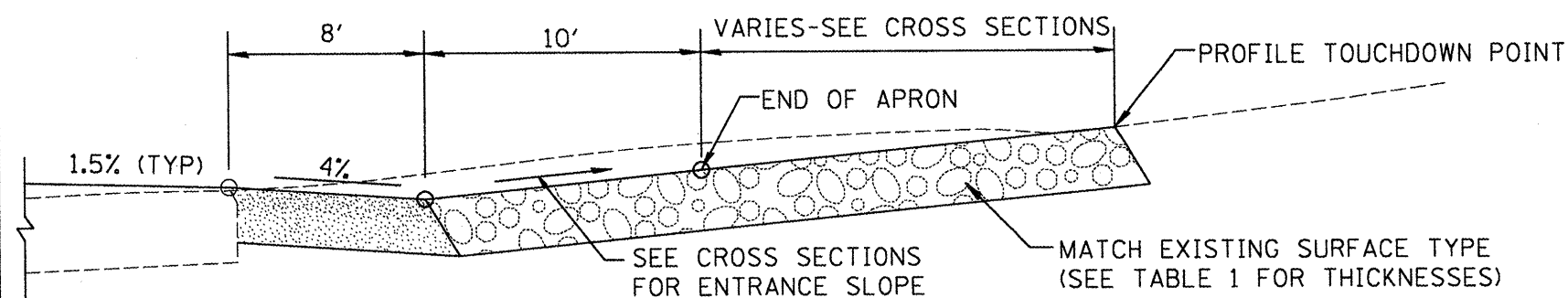
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	59c
* 1108K.130.102RS-3+29RS-4.101RS-2			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



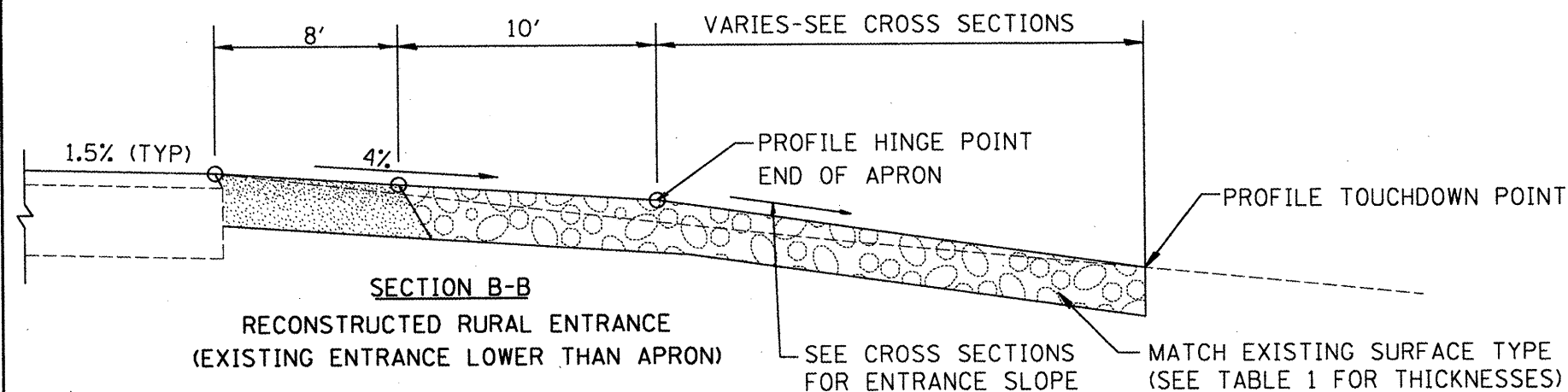
 HOT MIX ASPHALT SHOULDER, 8"
 AGGREGATE SHOULDER, TYPE B, 6"

PLAN

COMMERCIAL / FARM-RELATED ENTRANCE

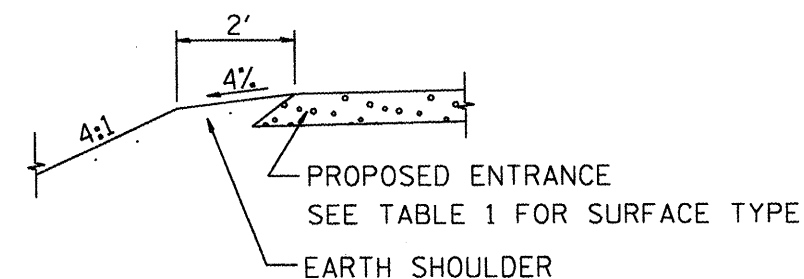


SECTION B-B
 RECONSTRUCTED RURAL ENTRANCE
 (EXISTING ENTRANCE HIGHER THAN APRON)



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

TABLE 1							
RURAL ENTRANCE DESIGN							
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL		
					1-WAY OPERATION	2-WAY OPERATION	
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 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.

01-01-97	BENJUM_C:103.06_NEW_REVISION_BOX	J.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
07-01-97	BEYISE DESIGNER NOTES	J.A.			
01-17-03	ADJUST DESIGN CHANGE ENTRANCE	J.B.T.			
09-15-05	RADIUS FOR FLARE	M.M.A.			

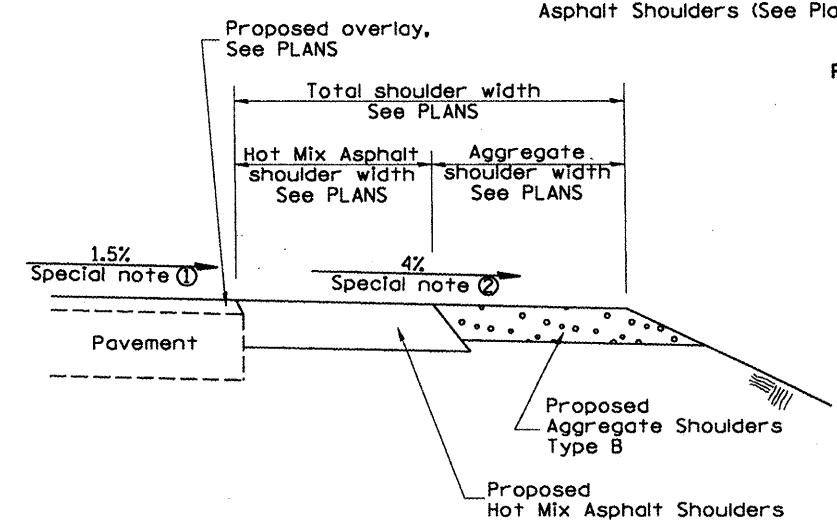
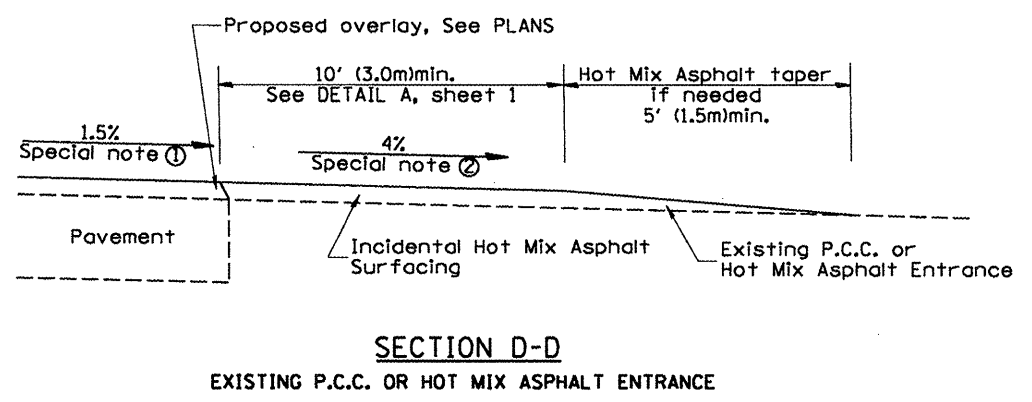
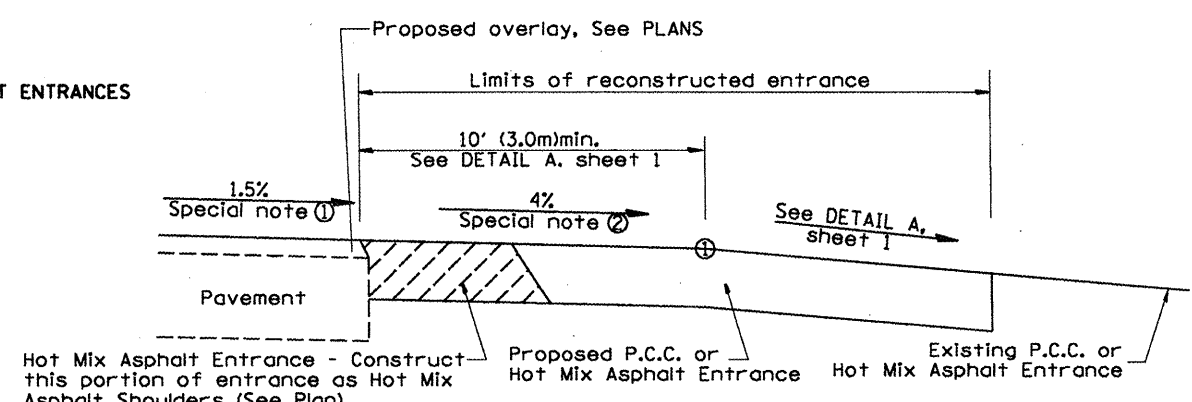
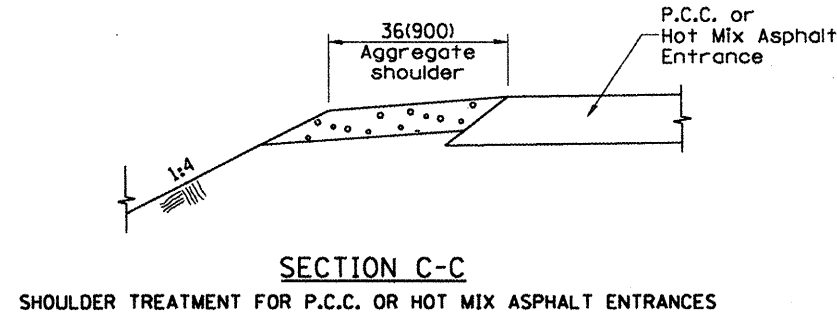
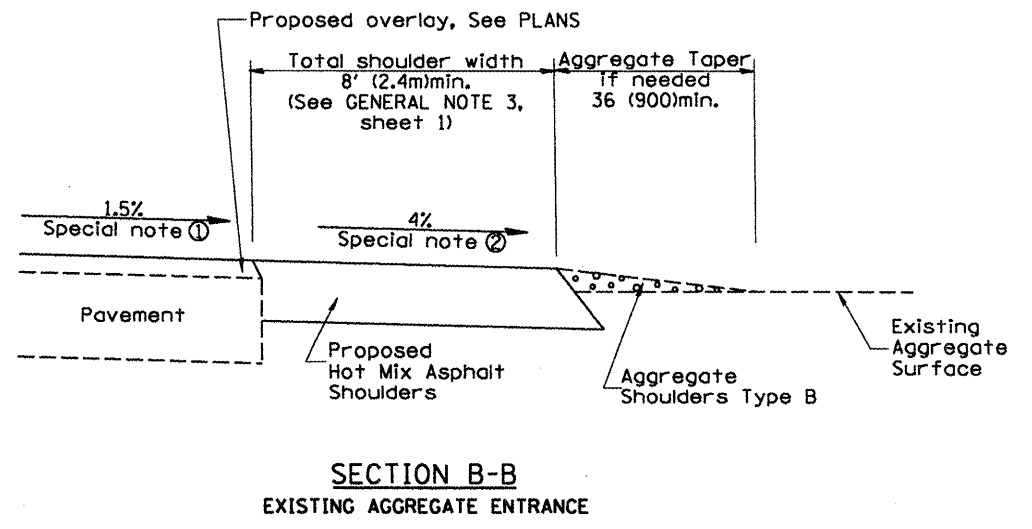
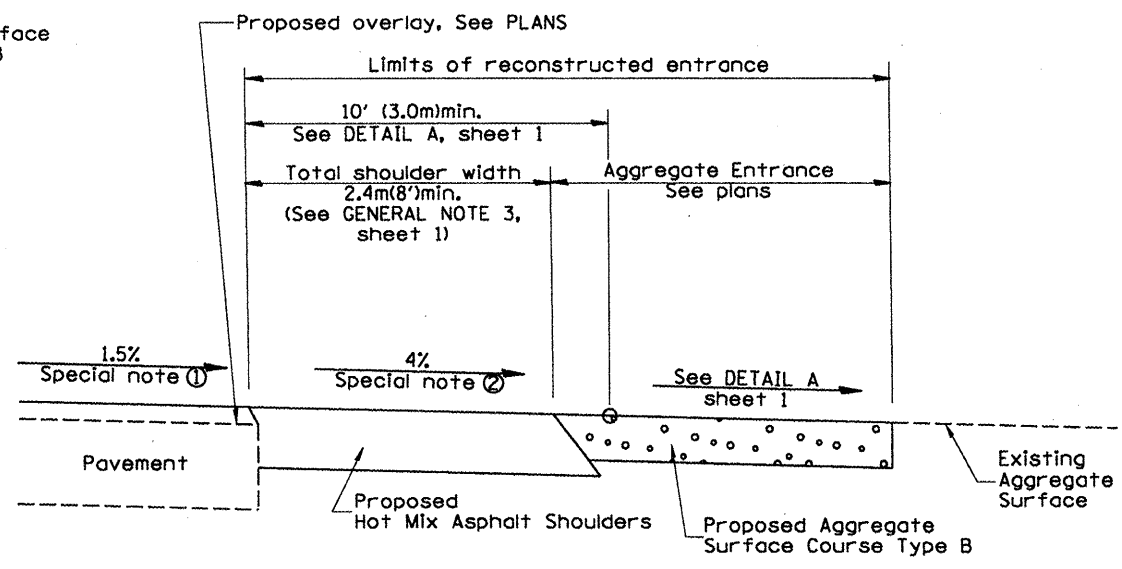
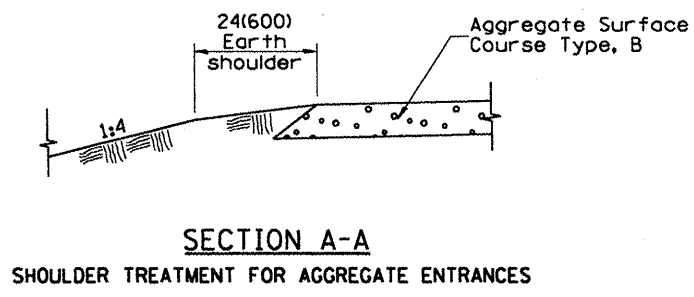
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCES FOR "3R" PROJECTS

NOT TO SCALE

SHI_1 OF 2
 CADD_SID_406301-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	60
CONTRACT NO. 68890			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	



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.

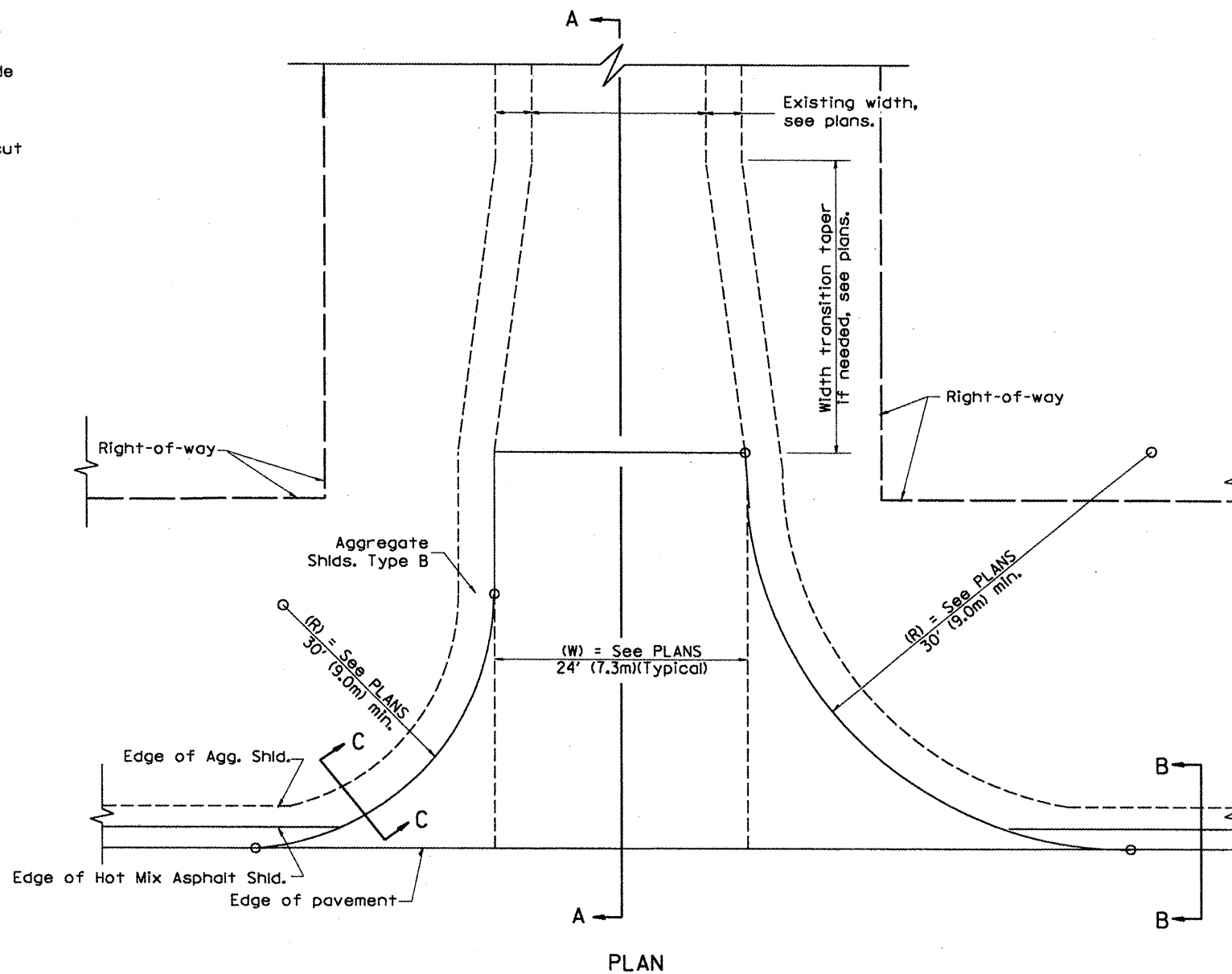
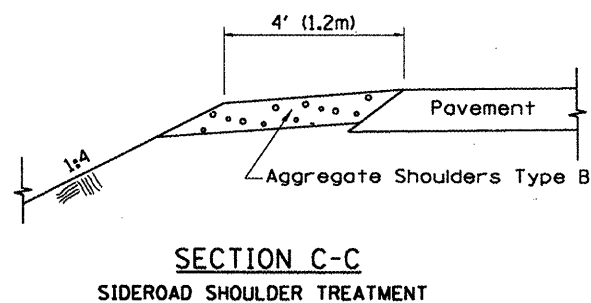
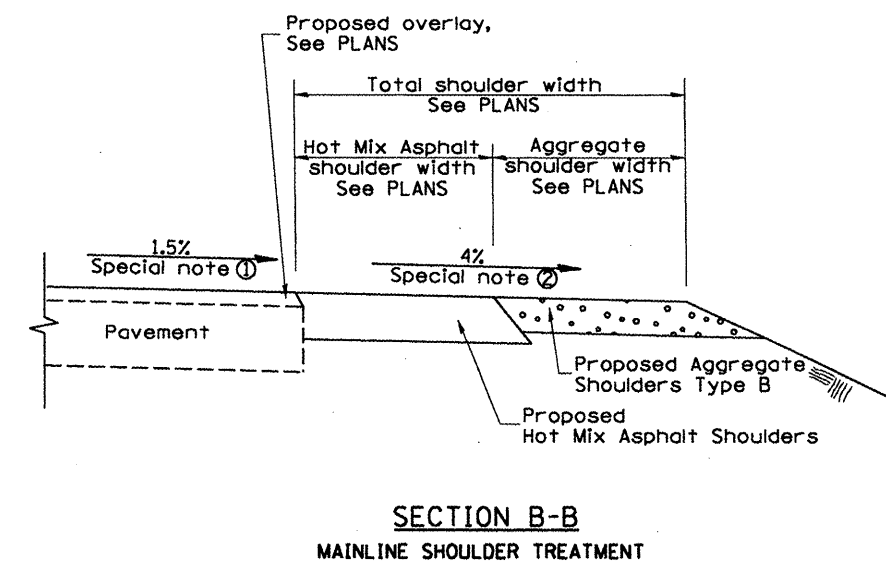
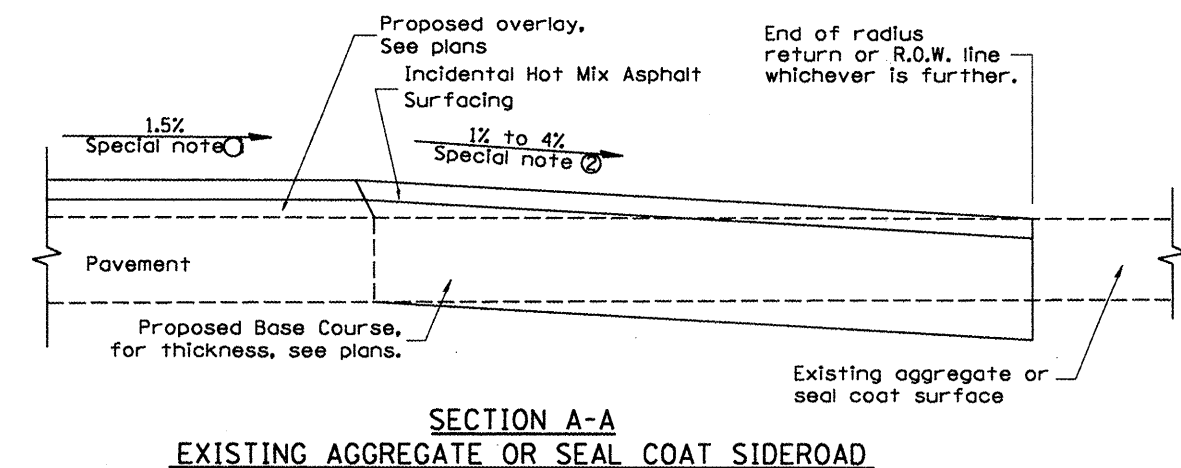
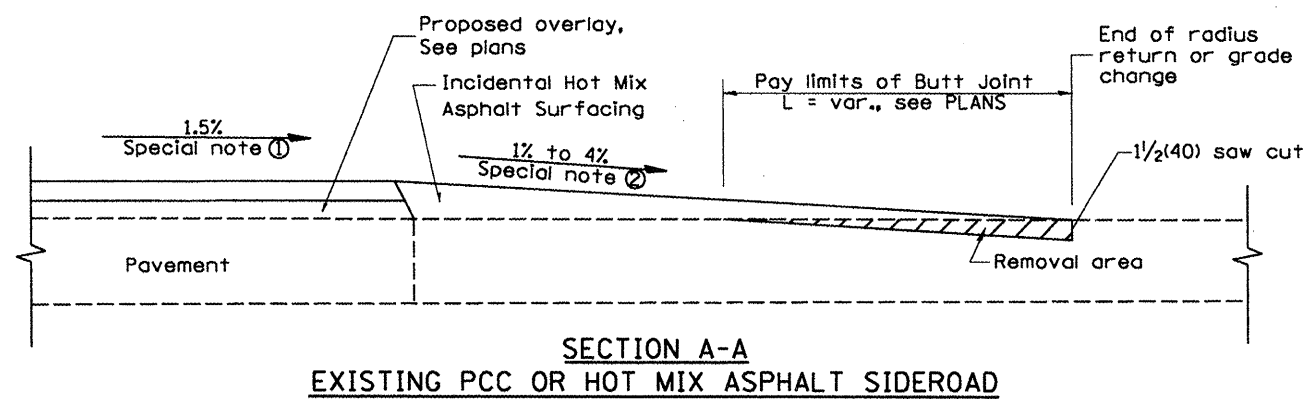
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RURAL ENTRANCES FOR "3R" PROJECTS
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	61
<small>1108X130102RS-3129RS-4101RS-2</small> <small>• CADD SIG. 406301-04</small>			<small>CONTRACT NO. 68890</small> <small>FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT</small>	

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 super-elevated 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 super-elevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

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

01-01-97	BENJAM. C-105.02, NEW REVISION BOX	J.P.		
07-01-97	REVISED DESIGNER NOTES	J.P.		
09-15-05	REVISED DESIGNER NOTE	M.M.A.		
10-16-06	REVISED TO 2007 SPEC.	M.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

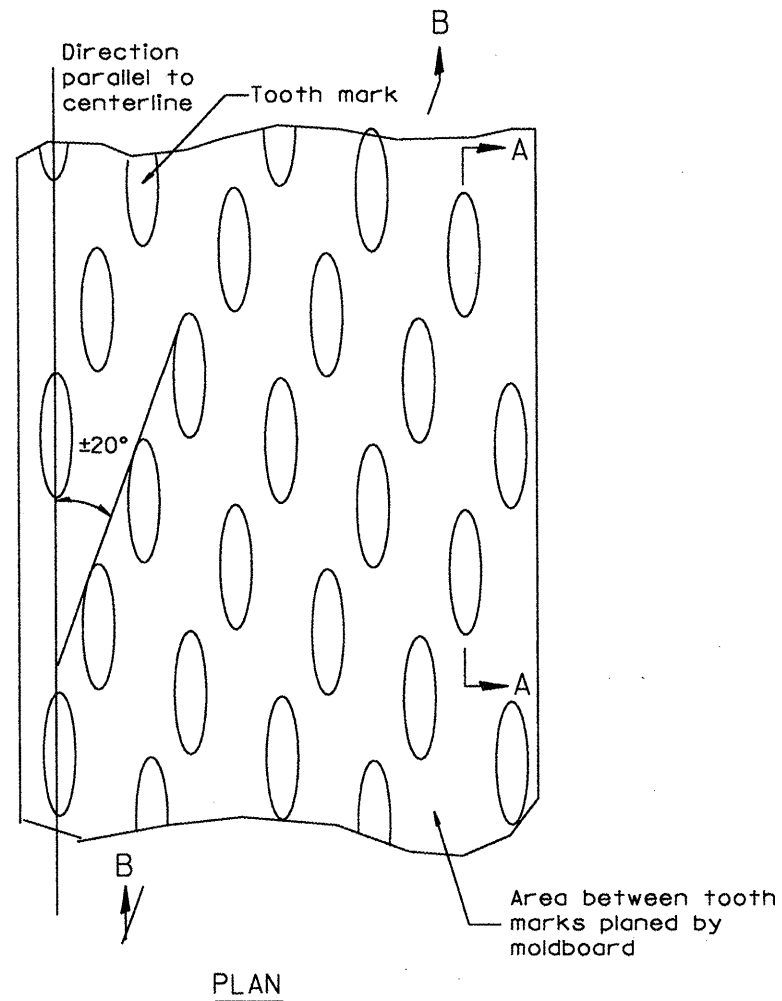
RURAL SIDEROADS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406401-04

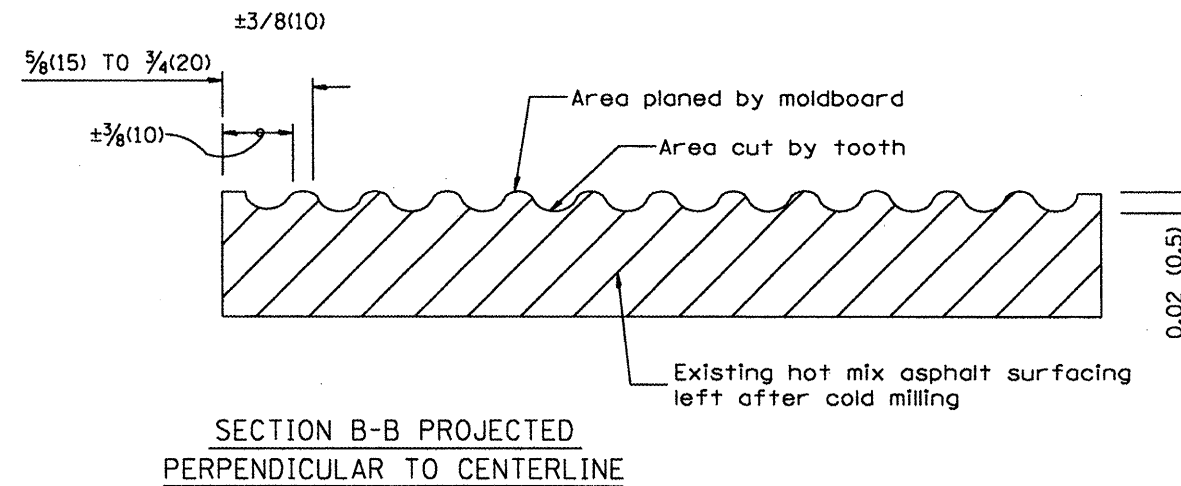
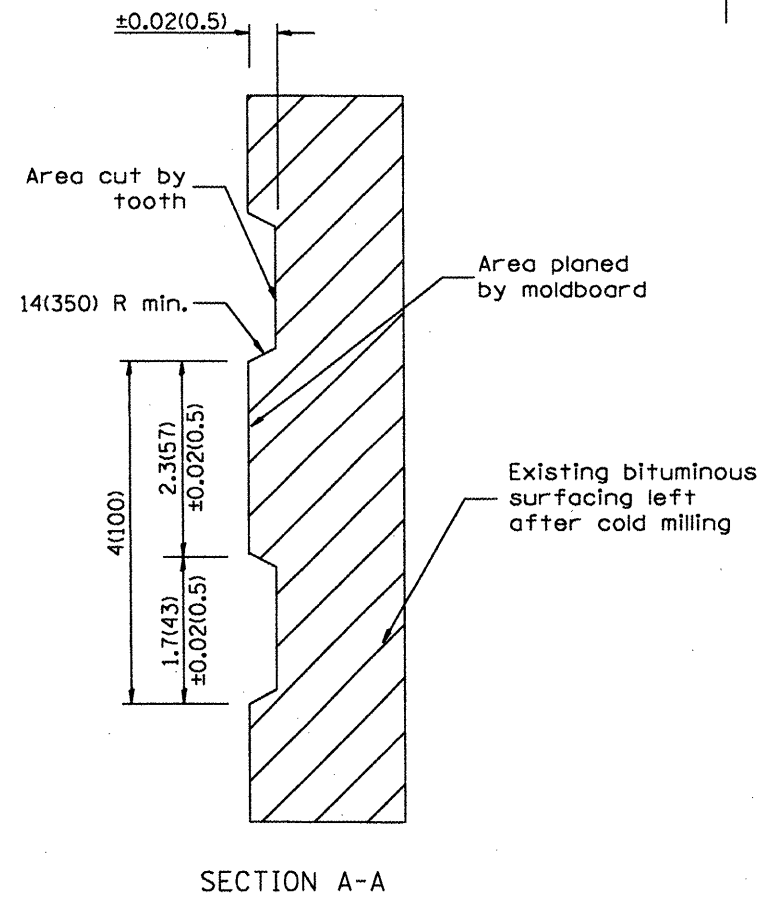
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	62
* 1108X, 130, 102RS-3, 123RS-4, 101RS-2			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 [ILLINOIS] FED. AID PROJECT				

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



General notes:

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



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

01-01-97	BENUM_C:104.01_NEW_REVISION_BOX	J.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	B.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

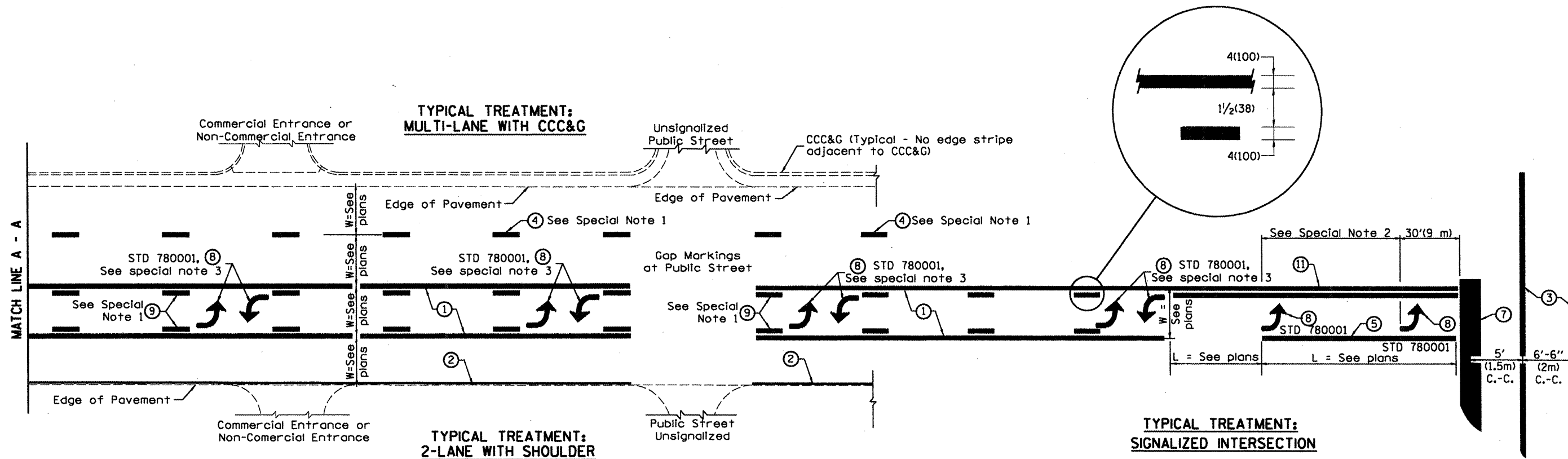
NOT TO SCALE

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

CA00_S10_440001-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	63
* 1108X.130.102RS-3/129RS-4.101RS-2			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- The following shall apply to arrows located in one-way left turn lanes:
 - A minimum of two (2) arrows is required.
 - The maximum spacing between arrows is 80' (24 m).
 - Arrows shall be evenly spaced if three (3) or more are required.
- The following shall apply to arrow pairs located in two-way left turn lanes:
 - A minimum of two (2) arrow pairs is required.
 - The maximum spacing between arrow pairs is 200' (61 m).
 - Arrow pairs shall be evenly spaced if three (3) or more are required.
 - The spacing between BI Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

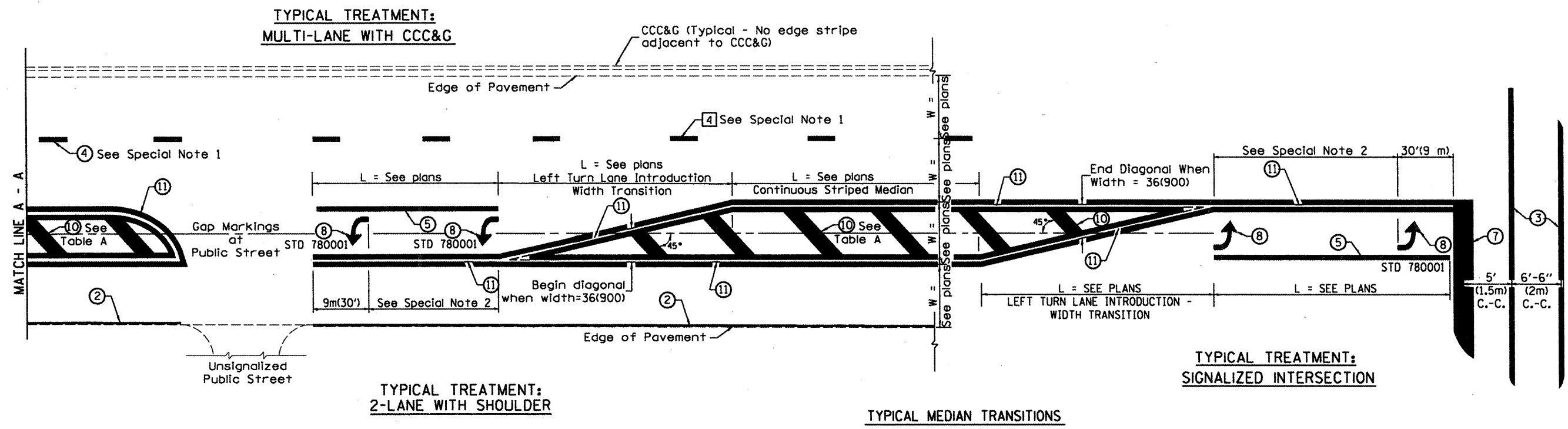
01-01-97	REVISION E-8.03, NEW REVISION BOX	J.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DIMS. WITH I.S.	M.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

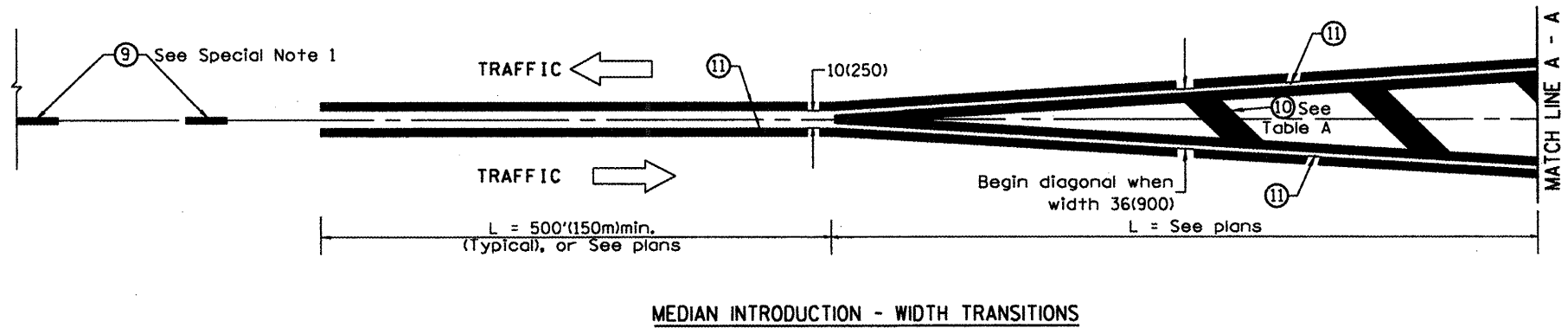
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	64
SHI 1 OF 2 CADD STD 780001-04			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



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)



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

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

SHEET **66** OF 100
D-94-056-09

**SECTION (180X, 130, 102)RS-3; 129RS-4, 101RS-2
PEORIA COUNTY
C-94-081-09**



INDEX OF SHEETS

- COVER SHEET
- COMMITMENTS, GENERAL NOTES,
JOB SPECIFIC NOTES
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- TABULATION OF RESURFACING
QUANTITIES
- TABULATION OF PAVEMENT
MARKING QUANTITIES
- SCHEDULES OF QUANTITIES
- ALIGNMENT, TIES. AND
BENCHMARKS
- LINE DIAGRAM
- PAVEMENT MARKING DETAILS
- DISTRICT CADD STANDARDS
- HIGHWAY STANDARDS

PROJECT ENGR.: M. ADDIS

HIGHWAY STANDARDS

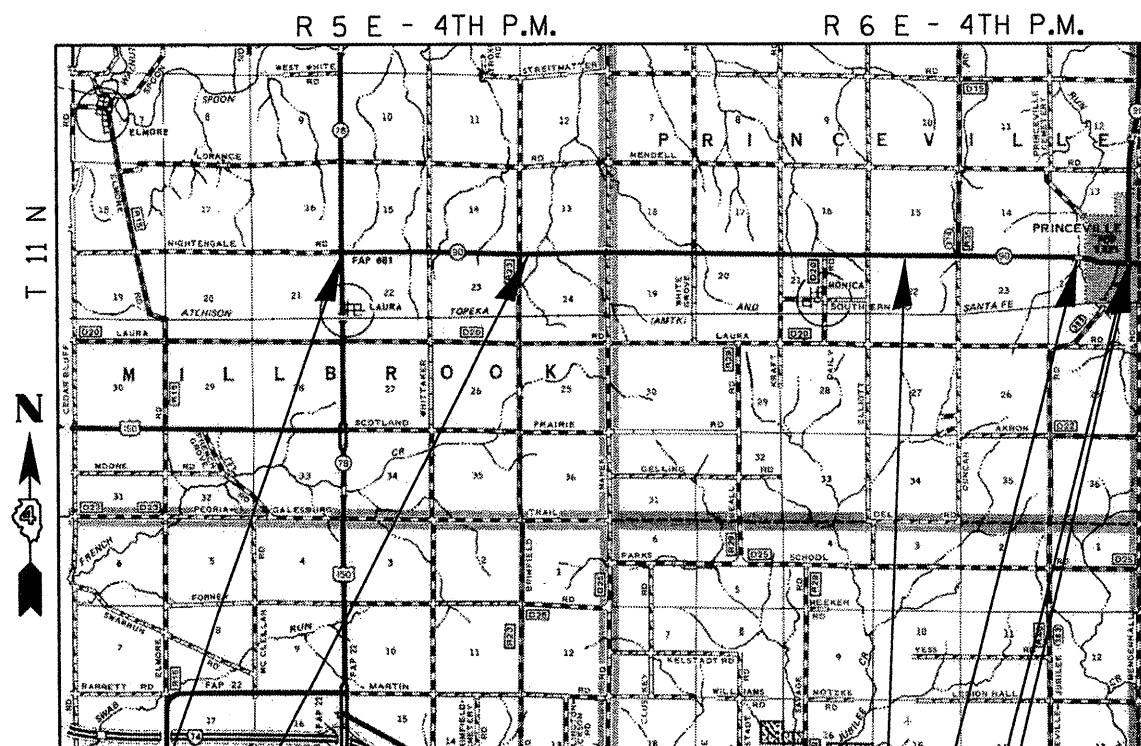
406201	701306
442201	701311
606001	701336
630301	701901
667101	780001
701006	781001
701011	

DISTRICT CADD STANDARDS

406101-D4	630101-D4
440001-D4	780001-D4
602006-D4	

ADT = 1,500
MU = 12%
SU = 6%
(18% TRUCK TRAFFIC)

CONTRACT NO. 68890



MAP SCALE - 0 1 2 3
MILES

STATION EQUATION
113+70.60 (BK) = 113+69.59 (AH)

STATION EQUATION
332+01.31 (BK) = 10+70.84 (AH)

BRIDGE OMISSION (S.N. 072-0034)
STA.114+97 TO STA. 115+63

STATION EQUATION
149+02.31 (BK) = 592+04.48 (AH)

IMPROVEMENT BEGINS IMPROVEMENT ENDS
IL90 STA. 0+12 IL90/IL91 STA.
590+93

PROPOSED IMPROVEMENT

THIS IMPROVEMENT CONSISTS OF PAVEMENT
PATCHING, HOT-MIX ASPHALT SURFACE
REMOVAL AND OVERLAY, UPGRADING OF
SAFETY FEATURES, AND OTHER COLLATERAL
WORK.

Cover Sheet for Information Only

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

GROSS LENGTH = 47,108.27 FEET = 8.922 MILES

NET LENGTH = 47,042.27 FEET = 8.910 MILES

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DESIGNER: K. KILMAN

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	67

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

GENERAL NOTES

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUNAROUNDS, 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.

GENERAL NOTES (CONTINUED)

AGGREGATE SURFACE COURSE, TYPE B

AGGREGATE SURFACE COURSE, 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.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED 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.

BUTT JOINT CUTTING TIME RESTRICTION

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

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

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.

COMMITMENTS, GENERAL NOTES

For Information Only

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	68

GENERAL NOTES (CONTINUED)

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) 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 (150mm) 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 PLACE 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 ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

GENERAL NOTES (CONTINUE NEXT SHEET)

For Information Only

**GENERAL NOTES
(CONTINUED)**

GENERAL NOTES (CONTINUED)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	69

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

MIXTURE USE(S):	CLASS D PATCHES
AC/PG:	PG 64-22
RAP % (MAX)**:	25%
DESIGN AIR VOIDS:	4.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	N.A.

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

MIXTURE USE(S):	SURFACE COURSE	POLYMERIZED LEVELING BINDER 3/4"	HMA SHOULDER (TOP LIFT/ INCIDENTAL HMA SURFACING)
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22
RAP % (MAX)**:	15%	0%	15%
DESIGN AIR VOIDS:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL 12.5	IL 4.75	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	Mixture D (dolomite only)	N.A.	Mixture C

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

For Information Only

**GENERAL NOTES
(CONTINUED),
JOB SPECIFIC NOTES**

Summary of Quantities

Code Order

ROUTE	SECTION	COUNTY	SHEET	
VARIOUS	(180X,130,102)RS-3; 129RS-4,101RS-2	PEORIA	TOTAL	NO.
			100	71
CONTRACT NO.			68890	

CONSTRUCTION TYPE CODE

1000	

CODE No.	ITEM	UNIT	Tot.QTY		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	126697	126697	
44000157	HOT - MIX ASPHALT SURFACE REMOVAL, 2 "	SQ YD	13608	13608	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10	10	
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	20	20	
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	748	748	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	41	41	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2346	2346	
48203100	HOT - MIX ASPHALT SHOULDERS	TON	204	204	
60265110	INLETS TO BE RECONSTRUCTED WITH SALVAGED FRAME AND GRATE	EACH	1	1	
60605000	COMB. CONC. CURB AND GUTTER, TYPE B-6.24	FOOT	10	10	

Summary of Quantities

Code Order

ROUTE	SECTION	COUNTY	SHEET	
VARIOUS	(180X,130,102)RS-3; 129RS-4,101RS-2	PEORIA	TOTAL	NO.
			100	12
CONTRACT NO.			68890	

CONSTRUCTION TYPE CODE

1000	

CODE No.	ITEM	UNIT	Tot.QTY		
63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	25	25	
66700095	PERMANENT SURVEY MARKERS	EACH	0		
66700605	PERMANENT SURVEY TIES	EACH	0		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	14566	14566	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	135183	135183	

Summary of Quantities

Code Order

ROUTE	SECTION	COUNTY	SHEET	
VARIOUS	(180X,130,102)RS-3; 129RS-4,101RS-2	PEORIA	TOTAL	NO.
			100	73
CONTRACT NO.			68890	

CONSTRUCTION TYPE CODE

1000	

CODE No.	ITEM	UNIT	Tot.QTY		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1556	1556	
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32	32	
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	135183	135183	
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	475	475	
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	448	448	
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	222	222	
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	119	119	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	610	610	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	610	610	

Summary of Quantities

Code Order

ROUTE	SECTION	COUNTY	SHEET	
VARIOUS	(180X,130,102)RS-3; 129RS-4,101RS-2	PEORIA	TOTAL	NO.
			100	74
CONTRACT NO.			68890	

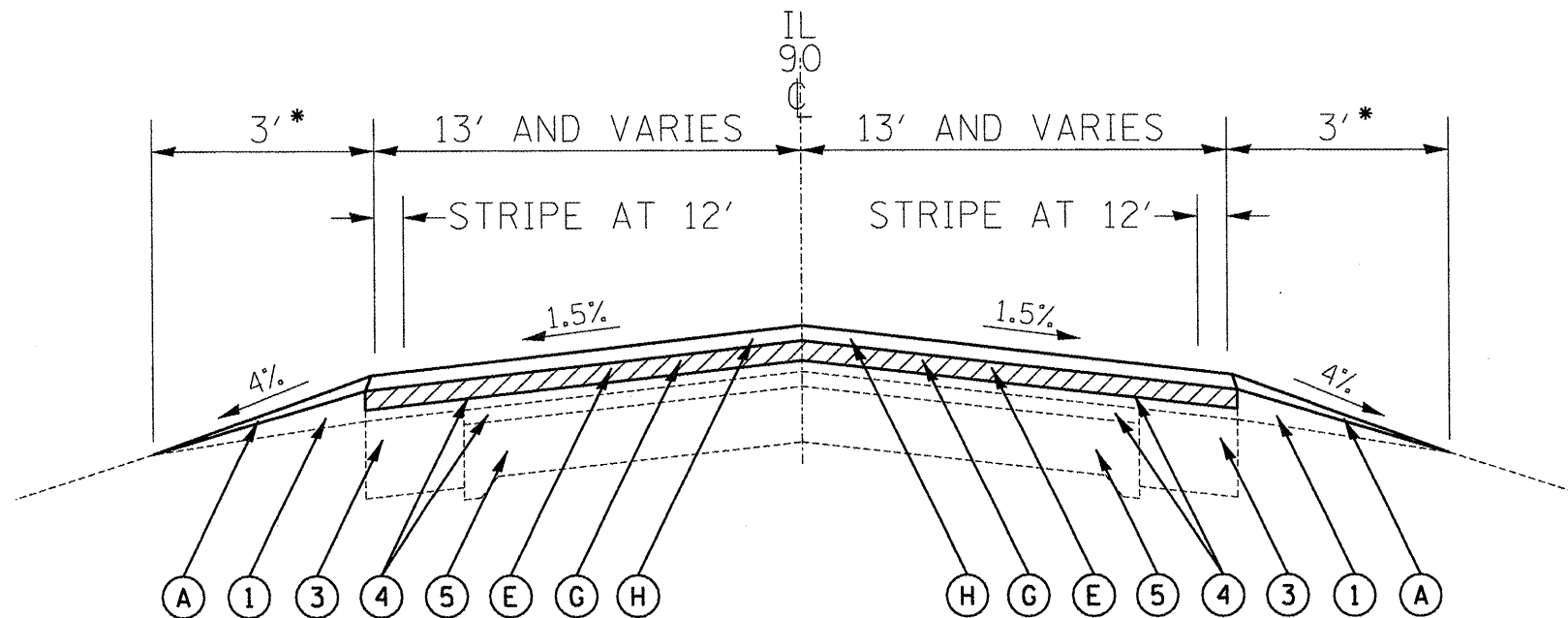
CONSTRUCTION TYPE CODE

1000	

CODE No.	ITEM	UNIT	Tot.QTY		
X0322729	MATERIAL TRANSFER DEVICE	TON	11791	11791	
X2503100	MOWING	UNIT	471	471	
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5948	5948	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0020800	EROSION CONTROL CURB	FOOT	592	592	
Z0020805	EROSION CONTROL CURB REMOVAL	FOOT	592	592	

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	75

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



LEGEND

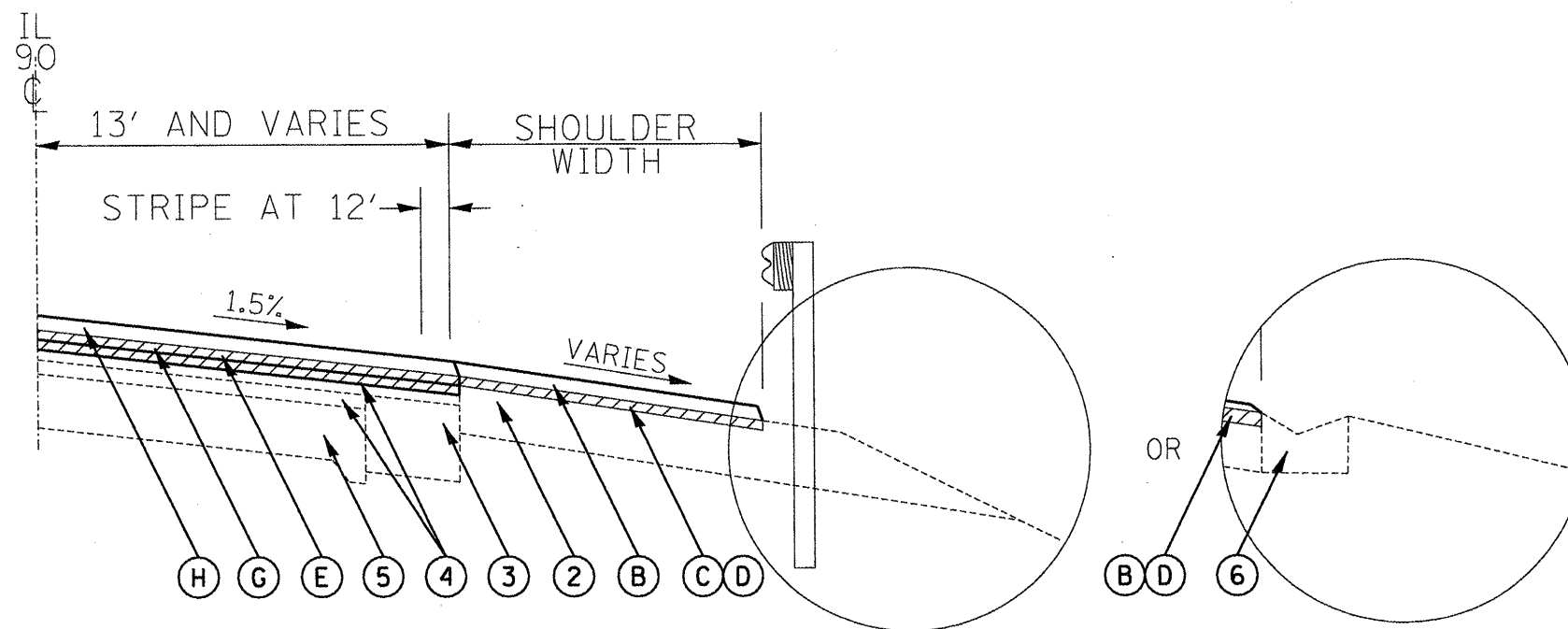
- ① EXISTING AGGREGATE SHOULDERS
- ② EXISTING HMA SHOULDERS
- ③ EXISTING HMA PAVEMENT WIDENING
- ④ EXISTING HMA OVERLAY
- ⑤ EXISTING P.C.C. PAVEMENT
- ⑥ EXISTING CONCRETE GUTTER TYPE A MODIFIED
- ⑦ EXISTING C.C.C. & G TYPE B 6.24
- Ⓐ PROPOSED AGGREGATE SHOULDERS
- Ⓑ PROPOSED HMA SHOULDERS (1 1/2")
- Ⓒ PROPOSED HMA SURFACE REMOVAL, 3/4" * SEE TYPICAL SECTION NEXT SHEET FOR HMA SHOULDER SECTIONS
- Ⓓ PROPOSED HMA SURFACE REMOVAL, 1 1/4"
- Ⓔ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- Ⓕ PROPOSED HMA SURFACE REMOVAL, 2 "
- Ⓖ PROPOSED POLYMERIZED HMA LEVELING BINDER (MACHINE METHOD), N50, IL 4.75 (3/4")
- Ⓗ PROPOSED HMA SURFACE CSE, MIX "D", N50, IL 9.5 OR 12.5 (1 1/2")

IL 90 STA. 0+12 TO STA. 113+70.60
 STATION EQUATION 113+70.60 (BK) = 113+69.59 (AH)
 IL 90 STA. 113+69.59 TO STA. 332+01.31
 STATION EQUATION 332+01.31 (BK) = 10+70.84 (AH)
 IL 90 LT. STA. 10+70.84 TO STA. 114+60
 IL 90 RT. STA. 10+70.84 TO STA. 114+00

TYPICAL SECTIONS
 (NOT TO SCALE)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	76

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



LEGEND

- ① EXISTING AGGREGATE SHOULDERS
- ② EXISTING HMA SHOULDERS
- ③ EXISTING HMA PAVEMENT WIDENING
- ④ EXISTING HMA OVERLAY
- ⑤ EXISTING P.C.C. PAVEMENT
- ⑥ EXISTING CONCRETE GUTTER TYPE A MODIFIED
- ⑦ EXISTING C.C.C. & G TYPE B 6.24
- ⑧ PROPOSED AGGREGATE SHOULDERS
- ⑨ PROPOSED HMA SHOULDERS (1 1/2")
- ⑩ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 1 1/4"
- ⑫ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑬ PROPOSED HMA SURFACE REMOVAL, 2 "
- ⑭ PROPOSED POLYMERIZED HMA LEVELING BINDER (MACHINE METHOD), N50, IL 4.75 (3/4")
- ⑮ PROPOSED HMA SURFACE CSE, MIX "D", N50, IL 9.5 OR 12.5 (1 1/2")

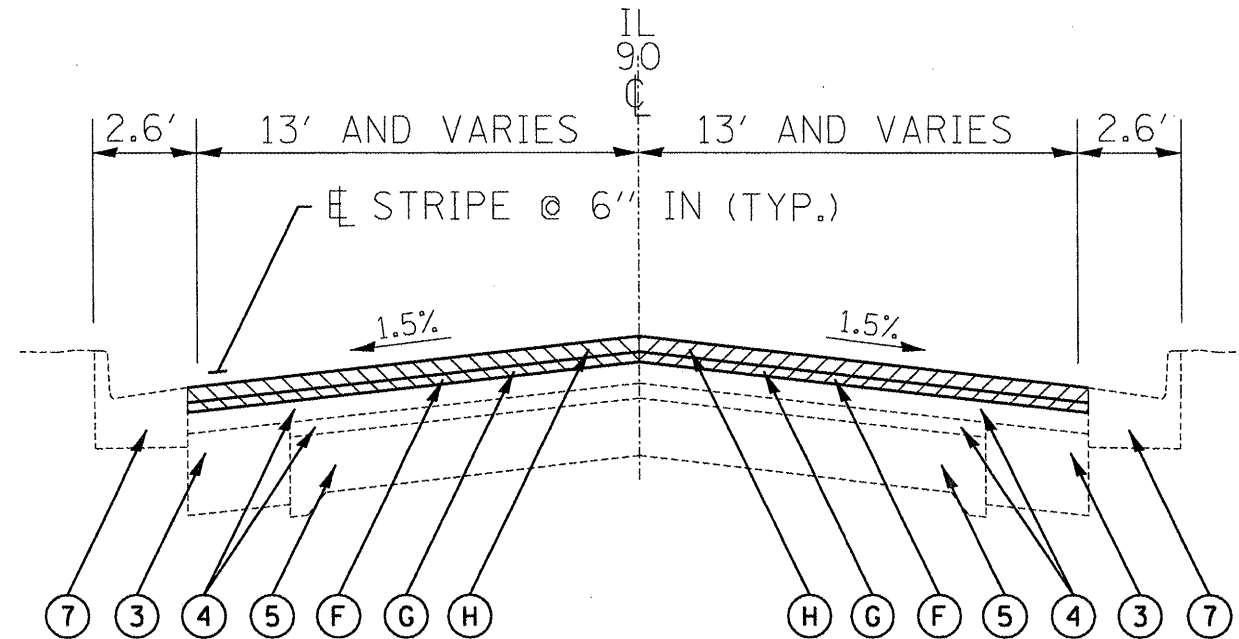
IL 90 LT. STA. 109+50 TO STA. 116+50
 STATION EQUATION 113+70.60 (BK) = 113+69.59 (AH)
 IL 90 LT. STA. 122+50 TO STA. 127+50
 IL 90 LT. STA. 216+20 TO STA. 216+60
 IL 90 RT. STA. 255+50 TO STA. 260+50
 STATION EQUATION 332+01.31 (BK) = 10+70.84 (AH)
 IL 90 LT. STA. 114+60 TO STA. 114+97
 IL 90 RT. STA. 114+00 TO STA. 114+97
 (BRIDGE OMISSION STA. 114+97 TO STA. 115+63)
 ⑯ - IL 90 LT. AND RT. STA. 115+63 TO STA. 119+08

IL 90 LT. AND RT. STA.
 115+63 TO STA. 119+08

TYPICAL SECTIONS
 (NOT TO SCALE)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	77

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



LEGEND

- ① EXISTING AGGREGATE SHOULDERS
- ② EXISTING HMA SHOULDERS
- ③ EXISTING HMA PAVEMENT WIDENING
- ④ EXISTING HMA OVERLAY
- ⑤ EXISTING P.C.C. PAVEMENT
- ⑥ EXISTING CONCRETE GUTTER TYPE A MODIFIED
- ⑦ EXISTING C.C.C. & G TYPE B 6.24
- Ⓐ PROPOSED AGGREGATE SHOULDERS
- Ⓑ PROPOSED HMA SHOULDERS (1 1/2")
- Ⓒ PROPOSED HMA SURFACE REMOVAL, 3/4"
- Ⓓ PROPOSED HMA SURFACE REMOVAL, 1 1/4"
- Ⓔ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- Ⓕ PROPOSED HMA SURFACE REMOVAL, 2 "
- Ⓖ PROPOSED POLYMERIZED HMA LEVELING BINDER (MACHINE METHOD), N50, IL 4.75 (3/4")
- Ⓗ PROPOSED HMA SURFACE CSE, MIX "D", N50, IL 9.5 OR 12.5 (1 1/2")

STATION EQUATION 113+70.60 (BK) = 113+69.59 (AH)

STATION EQUATION 332+01.31 (BK) = 10+70.84 (AH)

(BRIDGE OMISSION STA. 114+97 TO STA. 115+63)

IL 90 STA. 123+50 TO STA. 149+02.31

STATION EQUATION 149+02.31 (BK) = 592+04.48 (AH)

IL 90 STA. 592+04.48 TO STA. 590+93.00

TYPICAL SECTIONS
(NOT TO SCALE)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	78

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

STA		STA	LENGTH FT	WIDTH FT	AREA SQ YD	HMA SURFACE REMOVAL BUTT JOINT SQ YD	HMA SURFACE REMOVAL 3/4" SQ YD	HMA SURFACE REMOVAL 1 1/4" SQ YD	HMA SURFACE REMOVAL 1 1/2" SQ YD	HMA SURFACE REMOVAL 2" SQ YD	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	POLYMERIZED LEVELING BINDER, 3/4" TON	HMA SURFACE COURSE, 1 1/2" TON	HMA SHOULDERS 1 1/2" TON	MATERIAL TRANSFER DEVICE TON	TEMPORARY RAMP SQ YD	AGGREGATE SHOULDERS, TYPE B TON
0 + 12	TO	0 + 42	30	VAR.	614.6	817.5					0.340	1.6		68.7		68.7	55.6	12.0
0 + 42	TO	1 + 59.62	117.62	VAR.	627.9				627.9		0.340	1.9	26.4	52.7		52.7		12.0
1 + 59.62	TO	47 + 29	4669.4	26	13489.3				13489.3		7.302	40.5	566.6	1133.1		1133.1		265.9
47 + 29	TO	52 + 53	524	26	1513.8				1513.8		0.819	4.5	63.6	127.2		127.2		29.8
52 + 53	TO	92 + 47	3994	26	11538.2				11538.2		6.246	34.6	484.6	969.2		969.2		227.4
92 + 47	TO	103 + 00	1053	26	3042.0				3042.0		1.647	9.1	127.8	255.5		255.5		60.0
103 + 00	TO	106 + 70	370	26	1068.9				1068.9		0.579	3.2	44.9	89.8		89.8		21.1
106 + 70	TO	108 + 00	130	26	375.6				375.6		0.203	1.1	15.8	31.5		31.5		7.4
108 + 00	TO	109 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
109 + 00	TO	109 + 50	50	26	144.4				144.4		0.078	0.4	6.1	12.1		12.1		2.8
109 + 50	TO	113 + 70.60 (BK)	420.6	26	1215.1		233.7		1215.1		0.784	4.3	51.0	102.1	19.6	121.7		
113 + 69.59 (AH)	TO	116 + 50	280.41	26	810.1		155.8		810.1		0.523	2.9	34.0	68.0	13.1	81.1		
116 + 50	TO	117 + 36	86	26	248.4				248.4		0.134	0.7	10.4	20.9		20.9		4.9
116 + 50	TO	120 + 87	351	26	1014.0				1014.0		0.549	3.0	42.6	85.2		85.2		20.0
120 + 87	TO	122 + 50	163	26	470.9				470.9		0.255	1.4	19.8	39.6		39.6		9.3
122 + 50	TO	127 + 50	500	26	1444.4		277.8		1444.4		0.932	5.2	60.7	121.3	23.3	144.7		
127 + 50	TO	139 + 98	1248	26	3605.3				3605.3		1.952	10.8	151.4	302.8		302.8		71.1
139 + 98	TO	182 + 88	4290	26	12393.3				12393.3		6.709	37.2	520.5	1041.0		1041.0		244.3
182 + 88	TO	187 + 87	499	26	1441.6				1441.6		0.780	4.3	60.5	121.1		121.1		28.4
187 + 87	TO	214 + 00	2613	26	7548.7				7548.7		4.086	22.6	317.0	634.1		634.1		148.8
214 + 00	TO	215 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
215 + 00	TO	216 + 20	120	26	346.7				346.7		0.188	1.0	14.6	29.1		29.1		6.8
216 + 20	TO	216 + 60	40	27	120.0		22.2		120.0		0.077	0.4	5.0	10.1	1.9	11.9		2.3
216 + 60	TO	228 + 00	1140	28	3546.7				3546.7		1.920	10.6	149.0	297.9		297.9		64.9
228 + 00	TO	252 + 36	2436	26	7037.3				7037.3		3.809	21.1	295.6	591.1		591.1		138.7
SUB-TOTALS						818	689	0	73620	0	40.6	225	3092	6253	58	6311	56	1389

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

APPLICATION RATE (AGG PRIME)
 4 Lb/Sq. Yd. on Cold Milled Surface
 2 Lb/Sq. Yd. on Binder

**TABULATION OF
 RESURFACING
 QUANTITIES
 (SHEET 1 OF 6)**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	79

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

STA		STA	LENGTH FT	WIDTH FT	AREA SQ YD	HMA SURFACE REMOVAL BUTT JOINT SQ YD	HMA SURFACE REMOVAL 3/4" SQ YD	HMA SURFACE REMOVAL 1 1/4" SQ YD	HMA SURFACE REMOVAL 1 1/2" SQ YD	HMA SURFACE REMOVAL 2" SQ YD	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	POLYMERIZED LEVELING BINDER, 3/4" TON	HMA SURFACE COURSE, 1 1/2" TON	HMA SHOULDERS 1 1/2" TON	MATERIAL TRANSFER DEVICE TON	TEMPORARY RAMP SQ YD	AGGREGATE SHOULDERS, TYPE B TON
252 + 36	TO	255 + 00	264	26	762.7				762.7		0.413	2.3	32.0	64.1		64.1		15.0
255 + 00	TO	255 + 50	50	26	144.4				144.4		0.078	0.4	6.1	12.1		12.1		2.8
255+50	TO	260 + 50	500	26	1444.4		277.8		1444.4		0.932	5.2	60.7	121.3	23.3	144.7		
260+50	TO	261 + 50	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
261+50	TO	267 + 00	550	26	1588.9				1588.9		0.860	4.8	66.7	133.5		133.5		31.3
267 + 00	TO	268 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
268 + 00	TO	274 + 36	636	26	1837.3				1837.3		0.995	5.5	77.2	154.3		154.3		36.2
274 + 36	TO	275 + 00	64	26	184.9				184.9		0.100	0.6	7.8	15.5		15.5		3.6
275 + 00	TO	309 + 00	3400	26	9822.2				9822.2		5.317	29.5	412.5	825.1		825.1		193.6
309 + 00	TO	310 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
310 + 00	TO	321 + 00	1100	26	3177.8				3177.8		1.720	9.5	133.5	266.9		266.9		62.6
321 + 00	TO	332 + 01.31 (BK)	1112.4	26	3213.6				3213.6		1.740	9.6	135.0	269.9		269.9		63.3
10 + 70.84 (AH)	TO	29 + 27	1856.2	26	5362.2				5362.2		2.903	16.1	225.2	450.4		450.4		105.7
29 + 27	TO	39 + 00	973	26	2810.9				2810.9		1.522	8.4	118.1	236.1		236.1		55.4
39 + 00	TO	40 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
40 + 00	TO	53 + 12	1312	26	3790.2				3790.2		2.052	11.4	159.2	318.4		318.4		74.7
53 + 12	TO	57 + 68	456	26	1317.3				1317.3		0.713	4.0	55.3	110.7		110.7		26.0
57 + 68	TO	88 + 29	3061	26	8842.9				8842.9		4.787	26.5	371.4	742.8		742.8		174.3
88 + 29	TO	101 + 00	1271	26	3671.8				3671.8		1.988	11.0	154.2	308.4		308.4		72.4
101 + 00	TO	103 + 00	200	26	577.8				577.8		0.313	1.7	24.3	48.5		48.5		11.4
103 + 00	TO	104 + 00	100	26	288.9				288.9		0.156	0.9	12.1	24.3		24.3		5.7
104 + 00	TO	114 + 00	1000	26	2888.9		555.6		2888.9		1.865	10.3	121.3	242.7	46.7	289.3		
114+00	TO	114 + 67	67	26	193.6		74.4		193.6		0.145	0.8	8.1	16.3	6.3	22.5		
114 + 67	TO	114 + 97	30	36	120.0	120.0					0.050	0.2		10.1	0.0	10.1	14.4	
114 + 97	TO	115 + 63	66	BRIDGE OMISSION														
SUB-TOTALS						120.0	908		53076		29.3	162	2229	4468	76	4545	14	957

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

APPLICATION RATE (AGG PRIME)
 4 Lb/Sq. Yd. on Cold Milled Surface
 2 Lb/Sq. Yd. on Binder

**TABULATION OF
 RESURFACING
 QUANTITIES
 (SHEET 2 OF 6)**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	80

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

STA	TO	STA	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	HMA SURFACE REMOVAL 3/4"	HMA SURFACE REMOVAL 1 1/4"	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED LEVELING BINDER, 3/4"	HMA SURFACE COURSE, 1 1/2"	HMA SHOULDERS 1 1/2"	MATERIAL TRANSFER DEVICE	TEMPORARY RAMP	AGGREGATE SHOULDERS, TYPE B				
			FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON	SQ YD	TON				
115+63	TO	115 + 93	30	36	120.0	120.0					0.050	0.2	5.0	10.1	0.0	10.1	14.4					
115 + 93	TO	117 + 50	157	26	453.6			87.2		453.6	0.293	1.6	19.0	38.1	7.3	45.4						
117 + 50	TO	123 + 50	600	26	1733.3			746.0		1733.3	1.342	7.4	72.8	145.6	62.7	208.3						
123 + 50	TO	141 + 97.1	1880	26	5431.1					5431.1	2.940	16.3	228.1	456.2		456.2						
141 + 97.1	TO	142 + 84.5	87.4	27.5	267.1					267.1	0.145	0.8	11.2	22.4		22.4						
142 + 84.5	TO	145 + 27.9	243.4	28.4	768.1					768.1	0.416	2.3	32.3	64.5		64.5						
145 + 27.9	TO	146 + 14.9	87	27.8	268.7					268.7	0.145	0.8	11.3	22.6		22.6						
146 + 14.9	TO	147 + 94.6	179.7	27.95	558.1					558.1	0.302	1.7	23.4	46.9		46.9						
147 + 94.6	TO	149 + 02.31 (BK)	107.71	28.2	337.5					337.5	0.183	1.0	14.2	28.3		28.3						
592 + 04.48 (AH)	TO	591 + 23	81.48	29.1	263.5					263.5	0.143	0.8	11.1	22.1		22.1						
591 + 23	TO	590 + 93	30	VAR.	100.0	100.0					0.042	0.2	4.2	8.4		8.4	16.7					
W. MAIN ST. MAINLINE E.O.P.						TO	1002 + 85	VAR	VAR	389.0	389.0		0.211	1.2	16.3	32.7		16.1				
COTTAGE GROVE (NORTH)						TO	93 + 45	30	VAR	130.0	130.0		0.070	0.4	5.5	10.9		15.0				
COTTAGE GROVE (SOUTH)						TO	93 + 00	30	VAR	130.0	130.0		0.070	0.4	5.5	10.9		15.6				
TREMONT (NORTH)						TO	83 + 44	30	VAR	130.0	130.0		0.070	0.4	5.5	10.9		15.0				
TREMONT (SOUTH)						TO	83 + 00	30	VAR	130.0	130.0		0.070	0.4	5.5	10.9		15.0				
SANTE FE/MAIN ST (NORTH)						TO	593 + 31	117	VAR	3333.0	83.0	3250.0	1.804	10.0	140.0	280.0		13.3				
SANTE FE (SOUTH)						TO	71 + 07	107	VAR	370.0	93.0	277.0	0.200	1.1	15.5	31.1		16.7				
SUB-TOTALS										1305		833		13608	8.5	47	626	1253	70	935	138	
TOTALS										2243 *	1597	833	126697	13608	78 *	434	5948	11974	204	11791	208	2346

* Subtotal for roadway resurfacing areas, for additional quantities see sheet 18

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

APPLICATION RATE (AGG PRIME)
 4 Lb/Sq. Yd. on Cold Milled Surface
 2 Lb/Sq. Yd. on Binder

TABULATION OF RESURFACING QUANTITIES (SHEET 3 OF 6)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	81

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

			INCIDENTAL HMA SURFACE COURSE, 1 1/2"				HMA SURFACE REMOVAL BUTT JOINT		POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE SURFACE COURSE, 1 1/2"			
	STATION	TYPE OF ENTRANCE	WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS	AREA	(SQ. YD)	TONS	WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS
RT	13 + 49	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	20 + 13	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	29 + 67	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	36 + 95	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	38 + 95	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	39 + 81	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	40 + 25	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	44 + 15	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	60 + 58	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	62 + 28	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	62 + 32	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	63 + 50	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	67 + 10	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	80 + 16	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	80 + 44	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	91 + 00	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	94 + 16	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	94 + 87	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	115 + 66	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	128 + 21	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	131 + 84	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	137 + 52	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	137 + 73	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	140 + 00	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	171 + 91	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	171 + 91	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	178 + 14	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	181 + 17	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	192 + 62	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
RT	194 + 50	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	199 + 23	PE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
LT	202 + 72	FE	20	5	11.1	0.9	11.1		0.005	14	5	7.8	0.7
SUB-TOTALS					356	30	356		0.1				21

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

**TABULATION OF
 RESURFACING
 QUANTITIES
 (SHEET 4 OF 6)**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	82

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

			INCIDENTAL HMA SURFACE COURSE, 1 1/2"				HMA SURFACE REMOVAL BUTT JOINT	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE SURFACE COURSE, 1 1/2"				
	STATION	TYPE OF ENTRANCE	WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS	AREA (SQ. YD)	TONS	WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS	
RT	215 + 74	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	227 + 68	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	229 + 60	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	244 + 15	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	244 + 82	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	247 + 72	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	254 + 37	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	258 + 00	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	164 + 90	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	267 + 23	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	276 + 25	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	289 + 54	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	294 + 70	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	295 + 33	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	305 + 00	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	311 + 27	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	317 + 80	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	319 + 02	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	323 + 38	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	329 + 05	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
STA. EQ. 332 + 01.31 (BK) = 10 + 70.84 (AH)													
LT	16 + 55	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	18 + 35	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	35 + 01	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	39 + 97	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	40 + 90	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	42 + 60	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	52 + 16	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
SUB-TOTALS					300	25	300	0.1					18

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

**TABULATION OF
 RESURFACING
 QUANTITIES
 (SHEET 5 OF 6)**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	83

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

	STATION	TYPE OF ENTRANCE	INCIDENTAL HMA SURFACE COURSE, 1 1/2"				HMA SURFACE REMOVAL BUTT JOINT		POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE SURFACE COURSE, 1 1/2"			
			WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS	AREA	(SQ. YD)	TONS	WIDTH (FT)	LENGTH (FT)	AREA (SQ. YD)	TONS
RT	54 + 50	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	54 + 85	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	60 + 32	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	74 + 00	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	85 + 95	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	86 + 42	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	89 + 51	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	101 + 07	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
RT	101 + 87	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	102 + 23	PE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
LT	114 + 58	FE	20	5	11.1	0.9	11.1	0.005	14	5	7.8	0.7	
TR 58													
LT	53 + 44		50	30	166.7	14.0	166.7	0.069					
RT	53 + 44		31.5	30	105.0	8.8	105.0	0.044					
CH 59													
LT	107 + 20		72	20	160.0	13.4	160.0	0.067					
RT	107 + 20		74	20	164.4	13.8	164.4	0.068					
TR 76													
LT	159 + 54		30	20	66.7	5.6	66.7	0.028					
RT	159 + 54		30	20	66.7	5.6	66.7	0.028					
TWP RD.													
LT	210 + 94		37.5	20	83.3	7.0	83.3	0.035					
RT	210 + 94		37.5	20	83.3	7.0	83.3	0.035					
TR 126													
LT	261 + 93		40	20	88.9	7.5	88.9	0.037					
RT	261 + 93		35	20	77.8	6.5	77.8	0.032					
Ch 31													
RT	288 + 30		60	40	266.7	22.4	266.7	0.111					
TR 130													
LT	310 + 57		35	20	77.8	6.5	77.8	0.032					
RT	310 + 57		52	20	115.6	9.7	115.6	0.048					
TR 40													
LT	46 + 90		65	20	144.4	12.1	144.4	0.060					
RT	46 + 90		30	20	66.7	5.6	66.7	0.028					
MAILBOX TURNOUTS					8 LOCATIONS	SEE HIGHWAY STANDARD	25.6	17.2	204.4	0.085			
SUB-TOTALS							1882	173	2061	0.9		7	
TOTAL =							228	2716 *	1.1 *			47	

* Subtotal for incidental HMA surface course areas, for additional quantities see sheet 15

APPLICATION RATE (POLY PRIME)
 0.1 Gal./Sq. Yd. on Cold Milled Surface
 .05 Gal./Sq. Yd. on Shoulder Overlay
 .03 Gal./Sq. Yd. Fog Coat on New Binder

TABULATION OF RESURFACING QUANTITIES (SHEET 6 OF 6)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	84

PATCHING SCHEDULE					
STA TO STA	# PATCHES	PATCH UNIT	CL D, TYPE I (SQ YD)	CL D, TYPE II (SQ YD)	CL D, TYPE III (SQ YD)
0 + 12 (BEGIN LIMITS) TO 53 + 44 (TR 58)	15	1		95	
53 + 44 (TR 58) TO 107 + 20 (CH 59)	26	2	9	156	20
107 + 20 (CH 59) TO 159 + 54 (TR 76)	20	3		123	17
159+54 (TR 76) TO 210 + 94 (TWP RD)	4	4		32	
210 + 94 (TWP RD) TO 261 + 93 (TR 126)	6	5		40	
261 + 93 (TR 126) TO 310 + 57 (TR 130)	7	6		58	
310 + 57 (TR 130) TO 46 + 90 (CH 17)	9	7		66	
46 + 90 (CH 17) TO 114 + 97 (BRIDGE)	21	8	9	109	
115+63 (BRIDGE) TO 590 + 93 (END LIMITS)	0			0	
SUB - TOTAL	108		18	680	37
WINTER BREAKUP (x10%)			2	68	4
TOTAL			20	748	41

* (108X, 130, 102)RS-3;
129RS-4, 101RS-2

RAISED REFLECTIVE PAVEMENT MARKER		
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
STA TO STA	SPACING (FT)	EACH
STA 0 + 12 TO STA 332 + 01.31 (BK)	80	415
STA 10 + 70.84 (AH) TO STA 114 + 97 (BRIDGE)	80	131
STA 115 + 63 (BRIDGE) TO STA 133 + 00	40	44
STA 133 + 00 TO STA 148 + 50	80	20
TOTAL		610

EROSION CONTROL CURB	
EROSION CONTROL CURB REMOVAL	
STA TO STA	FT
LT STA 115 + 63 TO 118 + 77	314
RT STA 115 + 63 TO 118 + 41	278
TOTAL	592

TRAFFIC CONTROL & PROTECTION, STD 701336
JOBSITE = 1 L SUM

TRAFFIC CONTROL & PROTECTION, STD 701306
JOBSITE = 1 L SUM

CONSTRUCTION LAYOUT
JOBSITE = 1 L SUM

MOBILIZATION
JOBSITE = 1 L SUM

GUARDRAIL REMOVAL
LT STA 118 + 58 TO 118 + 83 = 25 FT

INLET TO BE RECONSTRUCTED W/SALV FRAME & GRATE
LT STA 128 + 55 = 1 EACH

TRAFFIC BARRIER TERMINAL, TYPE 1 SPL (FLARED)
LT STA 118 + 58 TO 119 + 08 = 1 EACH

COMBINATION CURB AND GUTTER, TYPE B 6.24
COMBINATION CURB AND GUTTER, REMOVAL
LT STA 128 + 40 TO 128 + 50 = 10 FT

TERMINAL MARKER, DIRECT APPLIED
LT STA 119 + 08 = 1 EACH

ENGINEERS FIELD OFFICE, TYPE A
JOBSITE = 3 CAL MO

CONSTRUCTING TEST STRIP
JOBSITE = 1 EACH

SCHEDULES OF QUANTITIES

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	85

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

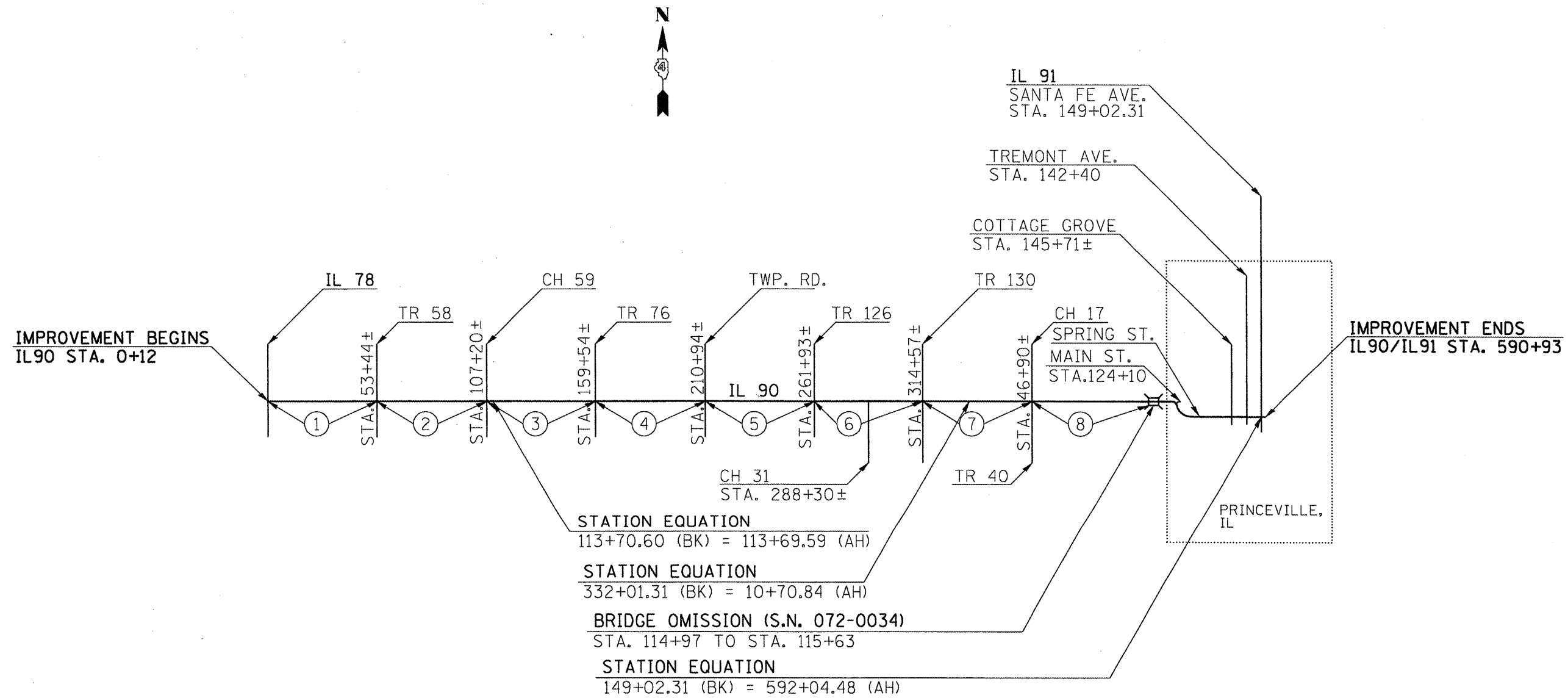
PERMANENT SURVEY MARKERS, TYPE 1			
PERMANENT SURVEY MARKERS AND TIES			
LOCATION	DESC.	TYPE 1 (EACH)	TIES (EACH)
STA 10 + 00	P.O.L.	1	
STA 20 + 00	P.O.L.	1	
STA 26 + 78 (1.55' LT)	1/4 COR.	1	4
STA 30 + 00	P.O.L.	1	
STA 40 + 00	P.O.L.	1	
STA 47 + 53.93	P.C.	1	
STA 53 + 40.93	P.I.	1	
STA 53 + 45.67 (1.70' LT)	SEC. COR.	1	4
STA 59 + 27.76	P.T.	1	
STA 60 + 00	P.O.L.	1	
STA 70 + 00	P.O.L.	1	
STA 80 + 00	P.O.L.	1	
STA 80 + 32.03 (2.69' LT)	1/4 COR.	1	4
STA 90 + 00	P.O.L.	1	
STA 99 + 00	P.O.L.	1	
STA 103 + 34.15	P.C.	1	
STA 107 + 18.54 (4.64' LT)	SEC. COR.	1	4
STA 108 + 52.58	P.I.	1	
STA 113 + 70.60 (BK) = 113 + 69.59 (AH)	P.T.	1	
STA 120 + 03.52	P.O.L.	1	
STA 130 + 03.52	P.O.L.	1	
STA 140 + 03.52	P.O.L.	1	
STA 150 + 03.52	P.O.L.	1	
STA 159 + 53.59 (28.85' LT)	SEC. COR.	1	4
STA 159 + 50.23 (80.66' RT)	SEC. COR.	1	4
STA 159 + 98.52	P.O.L.	1	
STA 170 + 03.52	P.O.L.	1	
STA 174 + 37.92	P.C.	1	
STA 179 + 52.74	P.I.	1	
STA 184 + 56.77 (0.08' LT)	1/4 COR.	1	4
STA 184 + 67.42	P.T.	1	
STA 190 + 03.52	P.O.L.	1	
STA 200 + 03.52	P.O.L.	1	
STA 210 + 03.52	P.O.L.	1	
SUB-TOTAL		34	28

PERMANENT SURVEY MARKERS, TYPE 1			
PERMANENT SURVEY MARKERS AND TIES			
LOCATION	DESC.	TYPE 1 (EACH)	TIES (EACH)
STA 210 + 88.08 (12.60' LT)	SEC. COR.	1	4
STA 220 + 03.52	P.O.L.	1	
STA 236 + 83.60 (0.15' RT)	1/4 COR.	1	4
STA 240 + 03.52	P.O.L.	1	
STA 250 + 03.52	P.O.L.	1	
STA 260 + 03.52	P.O.L.	1	
STA 261 + 99.37 (0.07' RT)	SEC. COR.	1	4
STA 270 + 03.52	P.O.L.	1	
STA 280 + 03.52	P.O.L.	1	
STA 288 + 29.63 (0.32' RT)	1/4 COR.	1	4
STA 290 + 03.52	P.O.L.	1	
STA 300 + 03.52	P.O.L.	1	
STA 310 + 03.52	P.O.L.	1	
STA 314 + 64.72 (0.37' LT)	SEC. COR.	1	4
STA 320 + 03.52	P.O.L.	1	
STA 332 + 01.32 (BK) = 10 + 78.04 (AH)	P.T.	1	
STA 15 + 00.80	P.O.L.	1	
STA 25 + 00.80	P.O.L.	1	
STA 35 + 00.80	P.O.L.	1	
STA 45 + 00.80	P.O.L.	1	
STA 65 + 00.80	P.O.L.	1	
STA 75 + 00.80	P.O.L.	1	
STA 85 + 00.80	P.O.L.	1	
STA 95 + 00.80	P.O.L.	1	
STA 101 + 17.84 (9.77' LT)	1/4 COR.	1	4
STA 115 + 00.80	P.O.L.	1	
STA 120 + 69.19	P.C.	1	
STA 126 + 48.52	P.T.	1	
STA 127 + 48.54	P.C.	1	
STA 131 + 64.92	P.T.	1	
STA 140 + 53.07	P.O.L.	1	
STA 149 + 02.31	P.O.L.	1	
SUB-TOTAL		32	24
TOTAL		66	52

**SCHEDULES
OF
QUANTITIES**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	86

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



NOTE - ALL STATIONING IS MAINLINE

⊕ = PATCHING UNIT

LINE DIAGRAM
(NOT TO SCALE)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	87

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

LOCATION	EPOXY PAVEMENT MARKING								TEMPORARY
	4" YELLOW SKIP DASH (FT)	4" YELLOW SOLID (FT)	4" WHITE EDGE LINE (FT)	6" WHITE (FT)	8" WHITE (FT)	12" WHITE (FT)	24" WHITE (FT)	LETTERS & SYMBOLS (SQ FT)	4" TEMP PAINT (FT)
MAINLINE									
IL 90 & IL 78 CURVE			430						430
STA 0 + 12 TO 65 + 47	1637		13094						14731
STA 65 + 47 TO 81 + 84			3274						3274
STA 81 + 84 TO 98 + 21	409		3274						3683
STA 98 + 21 TO 134 + 64			7286						7286
STA 134 + 64 TO 205 + 92	1782		14256						16038
STA 205 + 92 TO 216 + 43			2102						2102
STA 216 + 43 TO 250 + 80	859		6874						7733
STA 250 + 80 TO 268 + 75			3590						3590
STA 268 + 75 TO 332 + 01.31 (BK)	1584		12675						14259
STA EQ 332 + 01.31 (BK) = 10 + 79.84 (AH)									
STA 10 + 70.84 (AH) TO 36 + 68	646		5167						5813
STA 36 + 68 TO 43 + 02			1268						1268
STA 43 + 02 TO 95 + 81	1320		10558						11878
STA 95 + 81 TO 123 + 53			5544						5544
STA 141 + 88 TO 148 + 57	167								167
NO PASSING ZONES									
RT STA 52 + 27 TO 81 + 84		2957							2957
LT STA 65 + 47 TO 90 + 82		2535							2535
RT STA 98 + 21 TO 134 + 64		3643							3643
LT STA 105 + 07 TO 143 + 62		3855							3855
RT STA 198 + 53 TO 216 + 43		1790							1790
LT STA 205 + 92 TO 226 + 51		2059							2059
RT STA 238 + 66 TO 268 + 75		3009							3009
LT STA 250 + 80 TO 258 + 72		792							792
LT STA 268 + 75 TO 283 + 01		1426							1426
RT STA 304 + 13 TO 316 + 80		1267							1267
LT STA 316 + 80 TO 317 + 86		106							106
STA EQ 332 + 01.31 (BK) = 10 + 70.84 (AH)									
RT STA 25 + 06 TO 43 + 02		1796							1796
LT STA 36 + 68 TO 53 + 05		1637							1637
RT STA 86 + 31 TO 141 + 88		5557							5557
LT STA 95 + 81 TO 145 + 19		4938							4938
SUB-TOTAL	8404	37367	89392						135163

**TABULATION OF
PAVEMENT MARKING
QUANTITIES
(SHEET 1 OF 2)**

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	88

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2

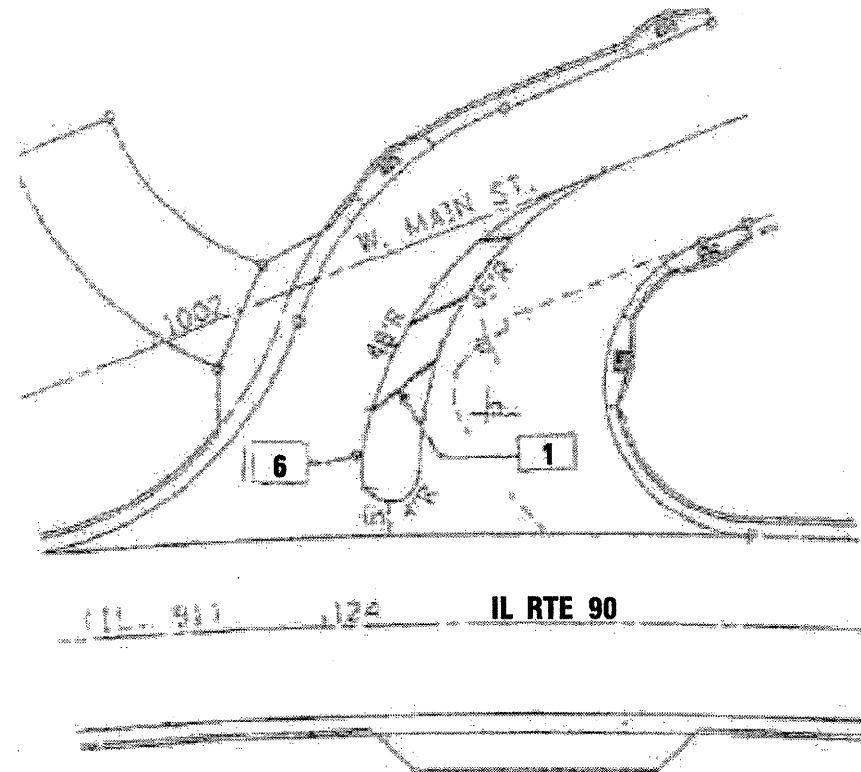
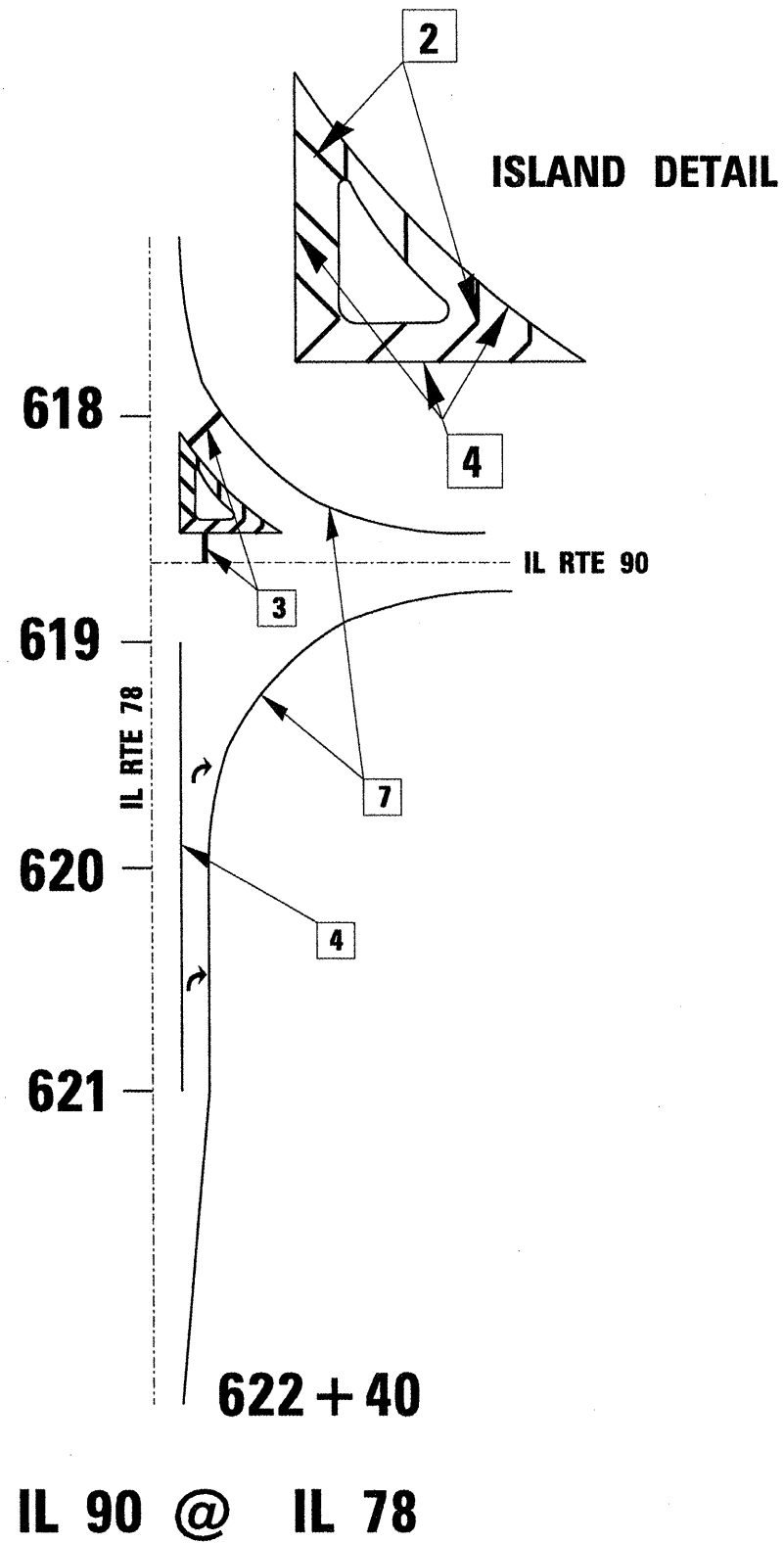
EPOXY PAVEMENT MARKING									TEMPORARY
LOCATION	4" YELLOW SKIP DASH (FT)	4" YELLOW SOLID (FT)	4" WHITE EDGE LINE (FT)	6" WHITE (FT)	8" WHITE (FT)	12" WHITE (FT)	24" WHITE (FT)	LETTERS & SYMBOLS (SQ FT)	4" TEMP PAINT (FT)
IL 90 / IL 78 INTERSECTION									
STOP BARS (WHITE)							33	31.2	
TURN ARROWS (WHITE - 2 EA)					153				
IL 78 EDGE LINE ISLAND					175	195			
WEST MAIN ST									
ISLAND (YELLOW)					120				
ISLAND DIAGONALS (YELLOW)						27			
SANTE FE AVE.									
STOP BARS (WHITE)							86		
CROSS BARS (WHITE)				475					
SKIPS (NORTH SIDE)	20								20
SUB-TOTAL	20			475	448	222	119	31	20
TOTAL		135183		475	448	222	119	31	135183

LOCATION	LENGTH	APPLICATIONS	SHORT TERM PAVEMENT MARKINGS FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
STA 0 + 12 TO STA 113 + 70.6 (BK)	1136	3	3408	374.88
STA 113 + 69.59 (AH) TO 332 + 01.31 (BK)	2183	3	6549	720.39
STA 10 + 70.84 (AH) TO 149 + 02.31 (BK)	1383	3	4149	456.39
STA 592 + 04.48 (AH) TO 590 + 93	12	3	36	3.96
SUB-TOTAL			14142	1555.62
(x 103%)			424	
TOTAL			14566	1556

TABULATION OF PAVEMENT MARKING QUANTITIES (SHEET 2 OF 2)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	89

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



IL 90 @ MAIN ST.

LEGEND

- 1 12" DIAGONAL (YELLOW)
- 2 12" DIAGONAL (WHITE)
- 3 24" STOP BAR (WHITE)
- 4 8" SOLID (WHITE)
- 5 6" SOLID (WHITE)
- 6 8" SOLID (YELLOW)
- 7 4" SOLID (WHITE)

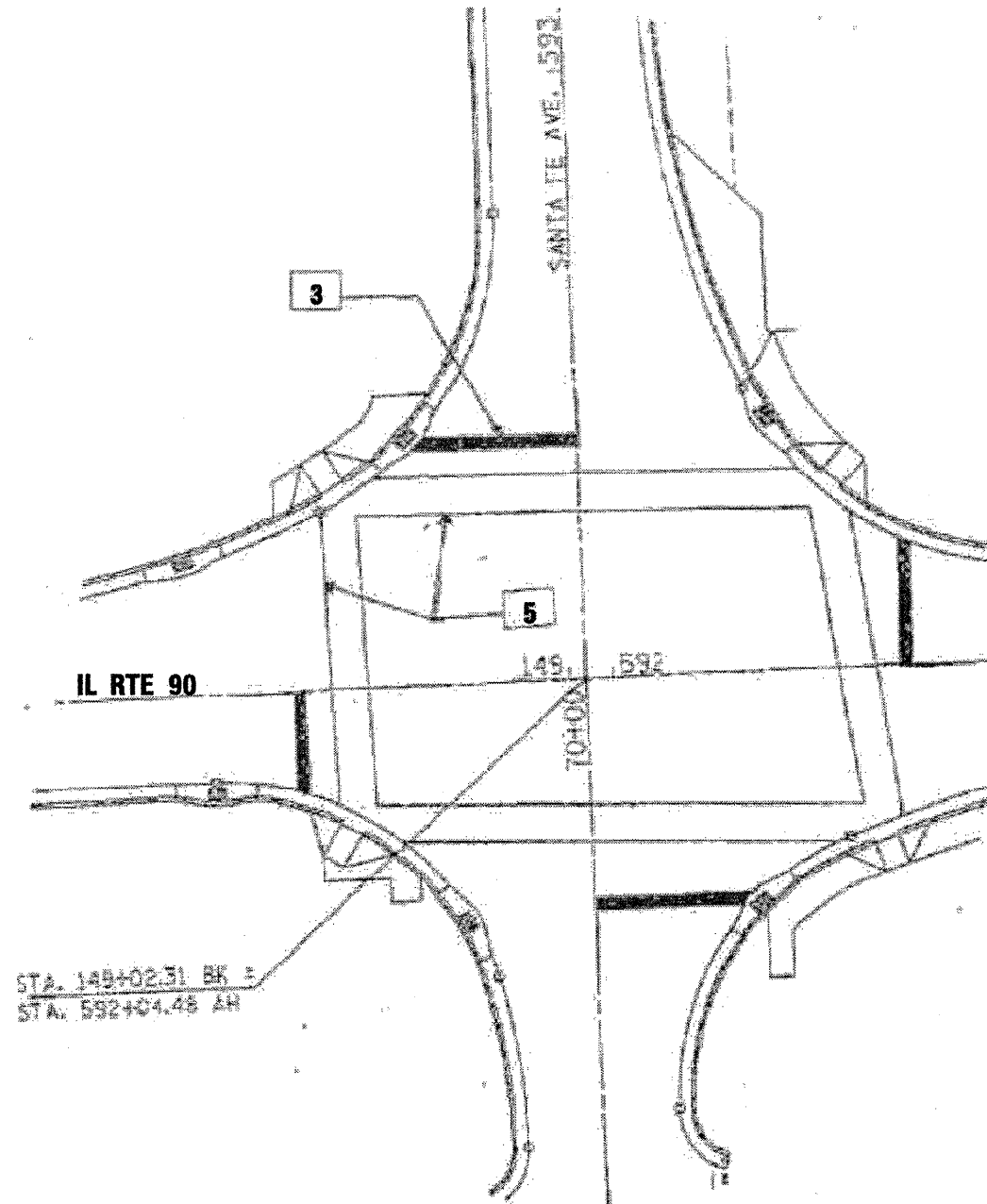
PAVEMENT MARKING DETAILS

(NOT TO SCALE)

(FOR INFORMATIONAL PURPOSES ONLY)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	90

* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



LEGEND

- 1 12" DIAGONAL (YELLOW)
- 2 12" DIAGONAL (WHITE)
- 3 24" STOP BAR (WHITE)
- 4 8" SOLID (WHITE)
- 5 6" SOLID (WHITE)
- 6 8" SOLID (YELLOW)
- 7 4" SOLID (WHITE)

IL 90 @ IL 91

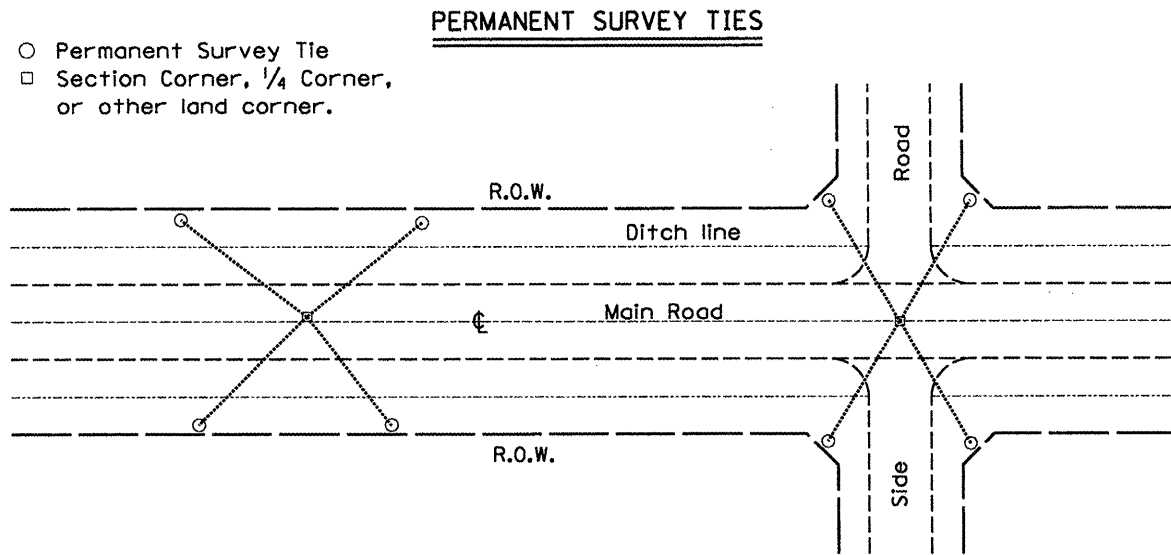
(FOR INFORMATIONAL PURPOSES ONLY)

**PAVEMENT MARKING
DETAILS**

(NOT TO SCALE)

ROUTE		SECTION	COUNTY	SHEET	
F.A.P.	VAR.	*	PEORIA	TOTAL	NO.
MKD.	IL 90			100	91

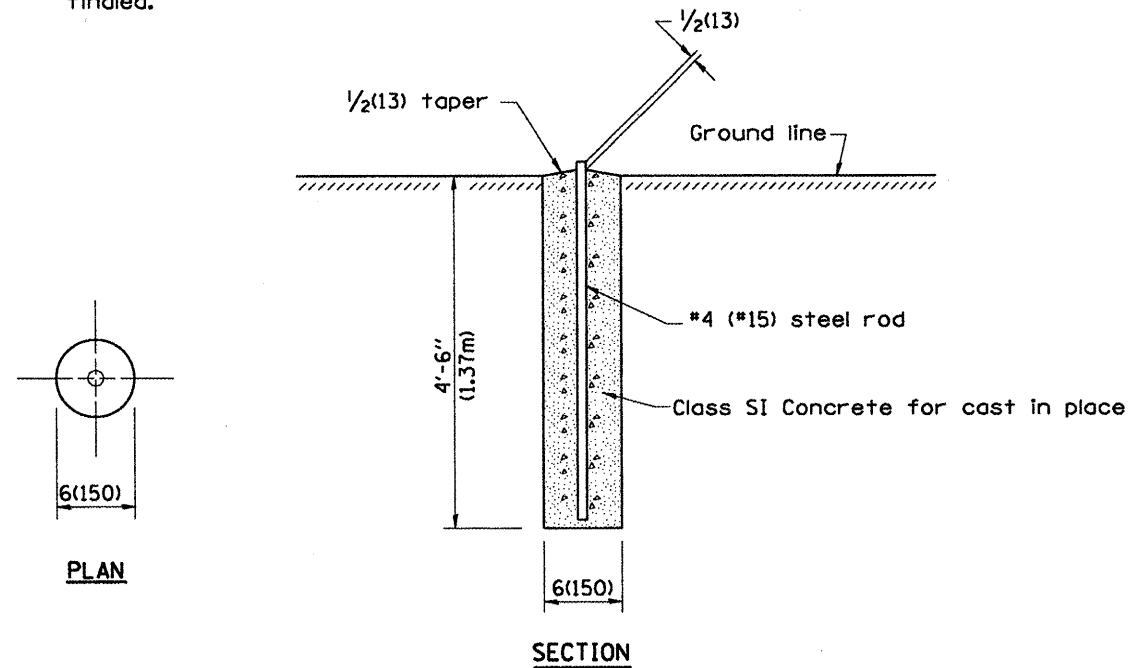
* (108X, 130, 102)RS-3; 129RS-4, 101RS-2



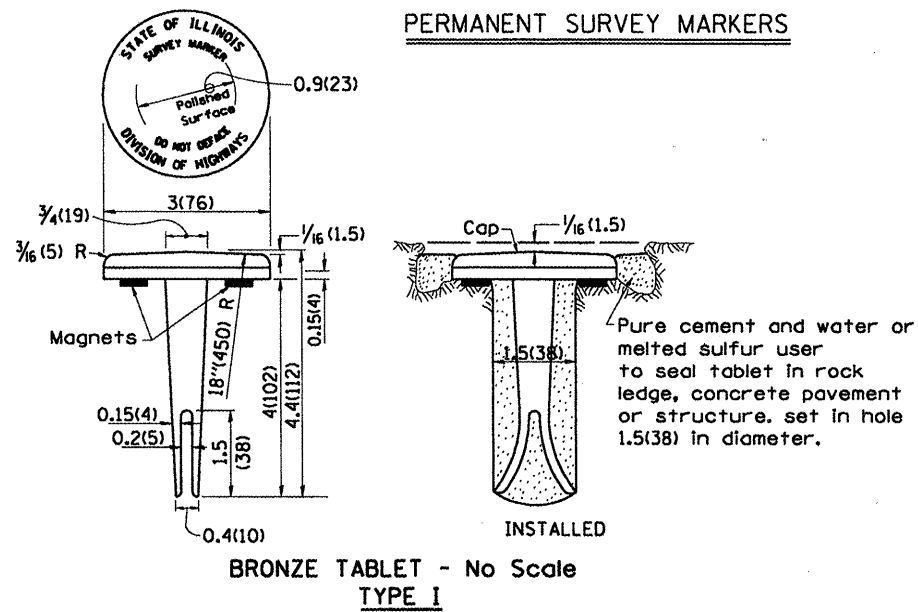
TYPICAL APPLICATION

GENERAL NOTES

1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured, monument records drawn, and recorded, in the Peoria County Courthouse by a Licensed Professional Land Surveyor. The original monument record will be sent/turned over to the District Chief Of Surveys before the project is finalized.



PERMANENT SURVEY MARKERS



GENERAL NOTES

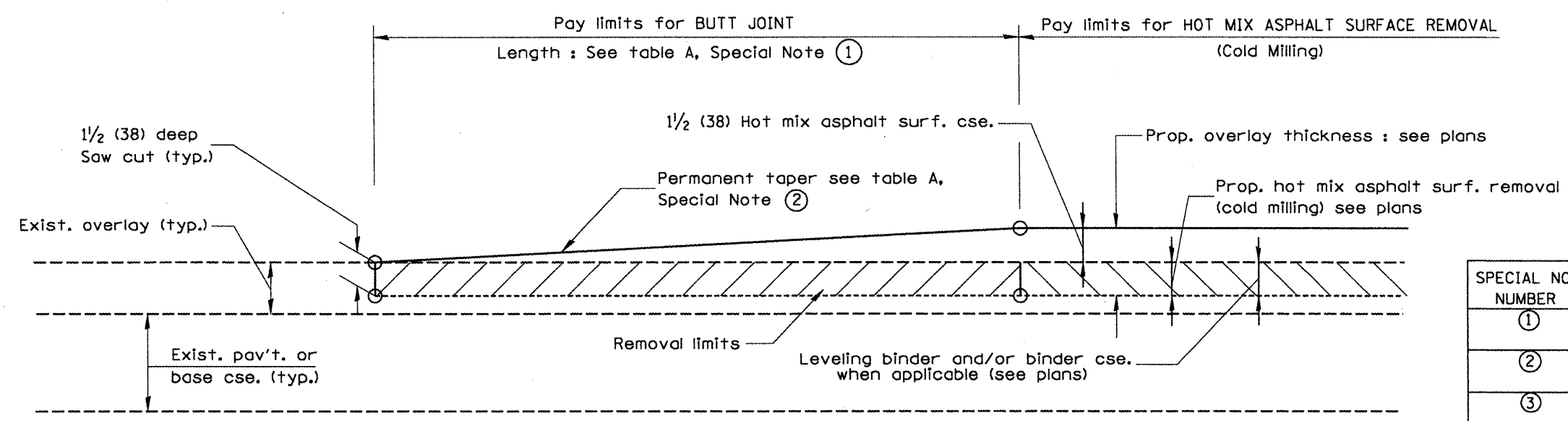
1. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
2. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
3. The markers shall be placed under the direction of the Engineer for the alignment of the roadway, the markers shall be placed under the direction of a licensed land surveyor for all section corners, and shall be installed in a workmanlike manner in order that there be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
4. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.

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

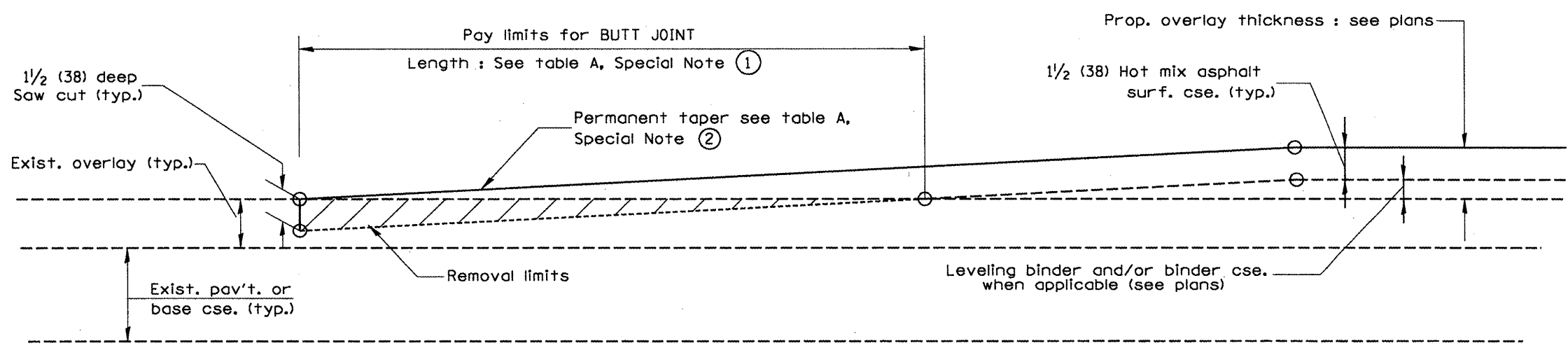
PERMANENT SURVEY TIES AND PERMANENT SURVEY MARKERS, TYPE I (SPECIAL DETAIL)

(SHEET 1 OF 1)
(NOT TO SCALE)

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)



CASE 2 : NO 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.

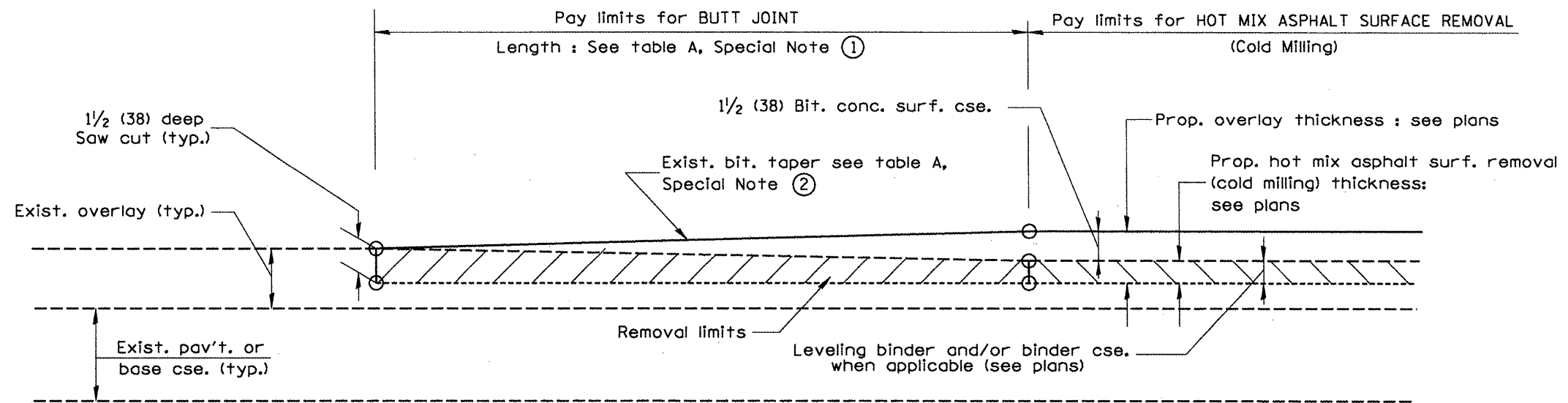
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-23.01. NEW REVISION BOX	J.P.
04-01-97	CORRECTION TO DEPTH	J.P.
08-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-05	REVISED TO 2007 SPEC.	M.A.

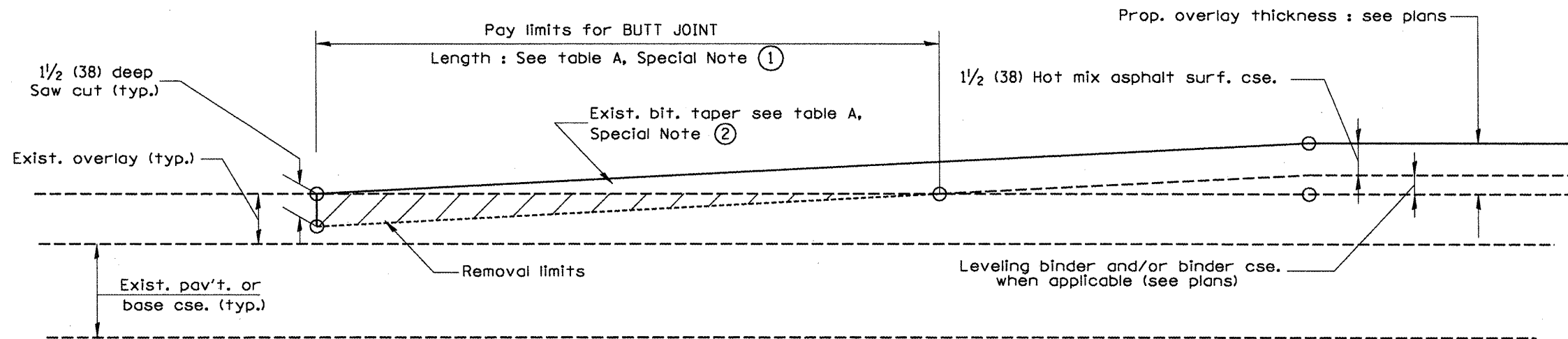
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS
 NOT TO SCALE

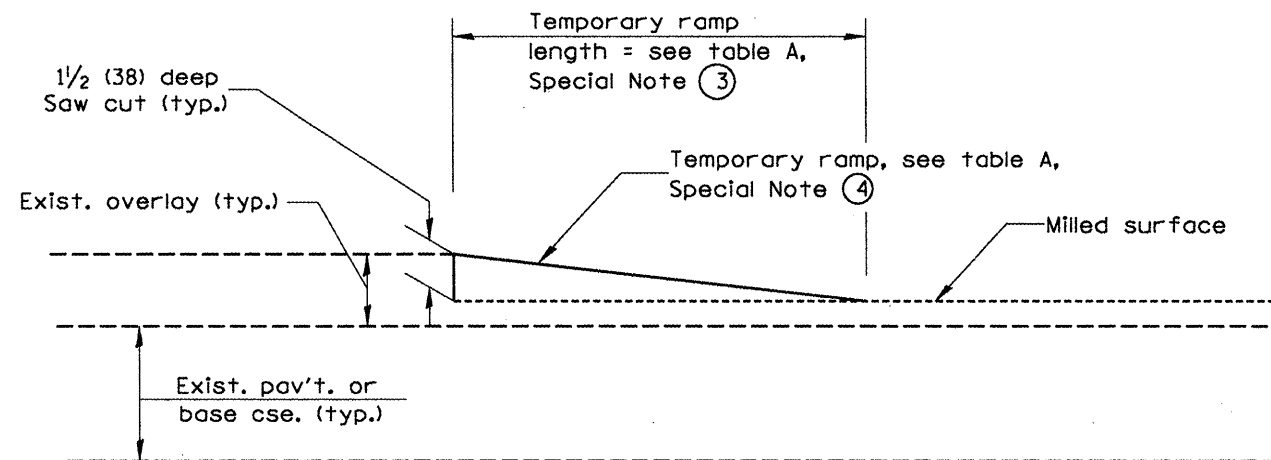
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	92
SHI. 1 OF 3		CONTRACT NO. 68890		
CAD. SIG. 406101-04		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT		



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



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



DETAIL TEMPORARY RAMP

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

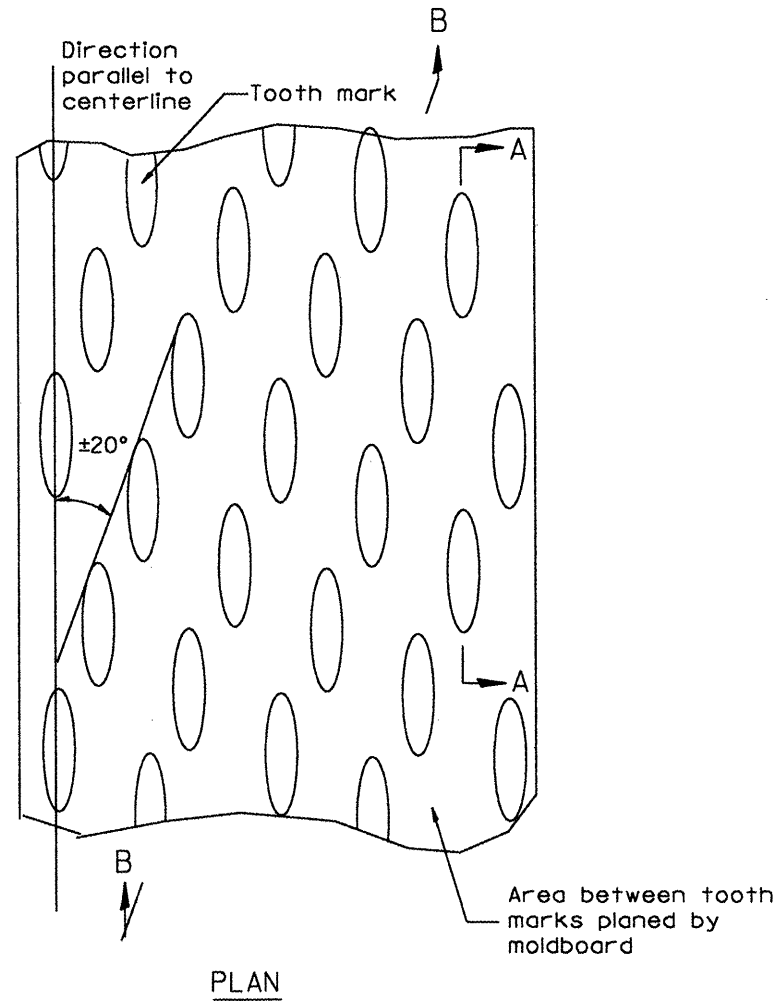
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

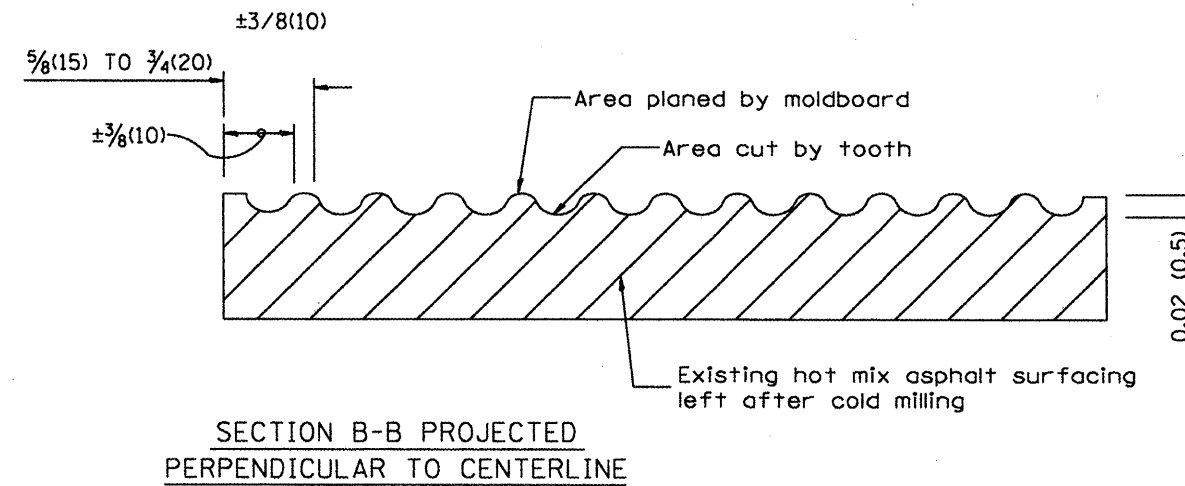
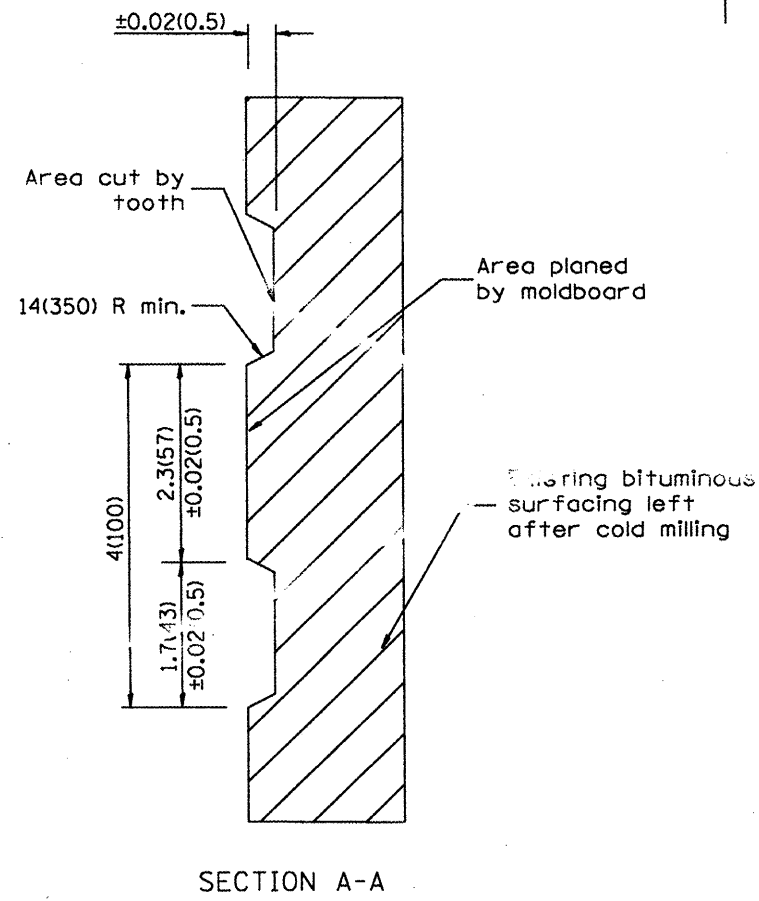
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	93
SHI. 2 OF 3 CADD SID. 406101:04			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 (ILLINOIS) FED. AID PROJECT				

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



General notes:

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



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

01-01-97	BENJUM_C-104.01_NEW_REVISION_BOX	J.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	B.W.
10-16-06	REVISED TO 2007 SPEC.	M.B.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

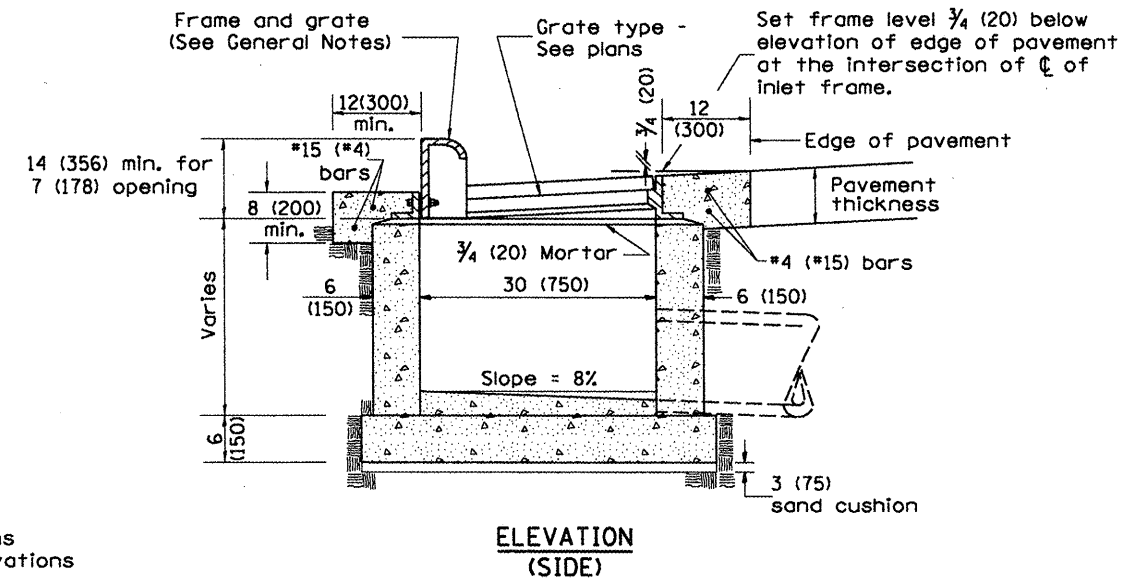
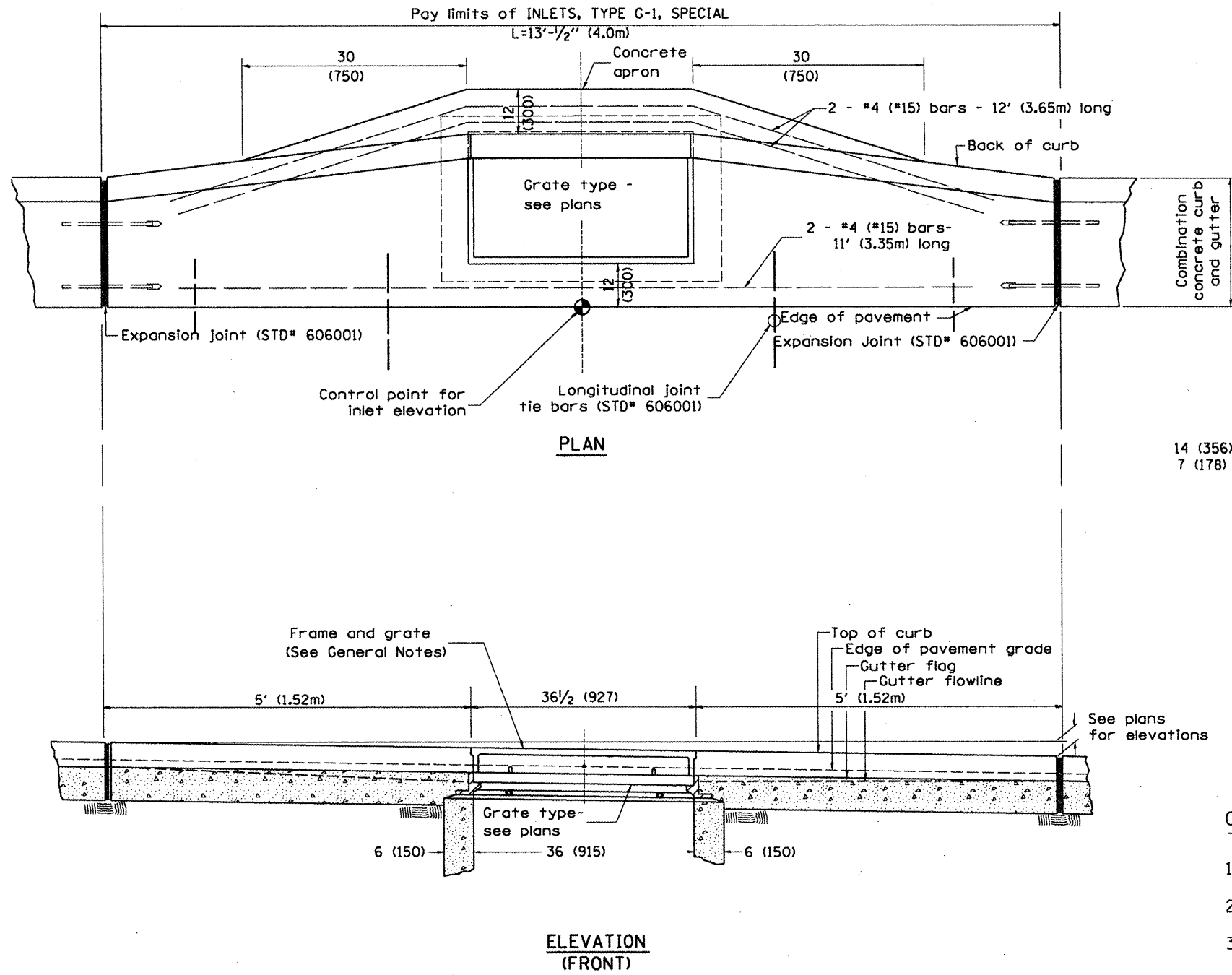
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

---C&D.SIO.440001-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	95
* 1108X,130,102RS-3,129RS-4,101RS-2			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frames and grates.
 4. Include District Special Provision. Pay Item includes transitional c.c.c & g., inlet and frame and grate. All work within pay limits.
 5. Specify grate type in plans



GENERAL NOTES

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

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

01-01-97	BENJAMIN, B. J. Q2, NEW REVISION BOX				
12-01-98	CORRECT E.O.P. NOTE	J.A.			
10-99	REVISION TO GENERAL NOTES	J.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

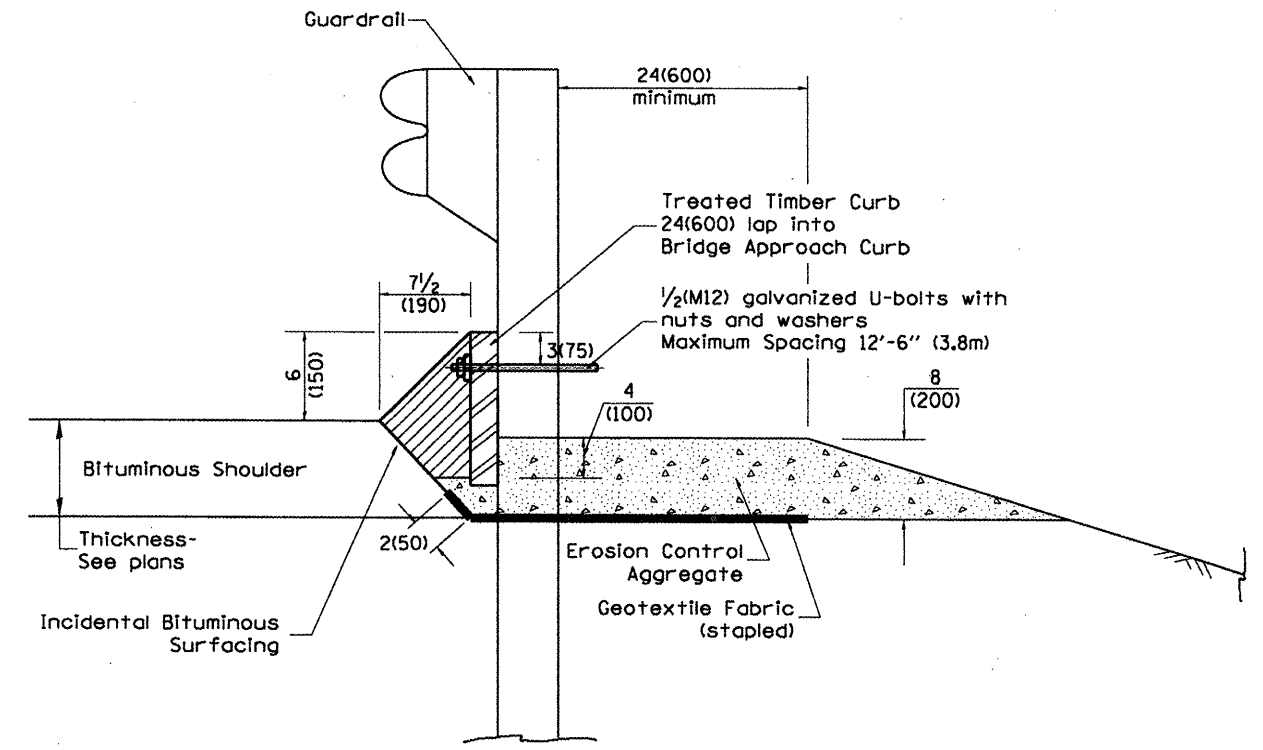
INLETS, TYPE G-1, SPECIAL

NOT TO SCALE

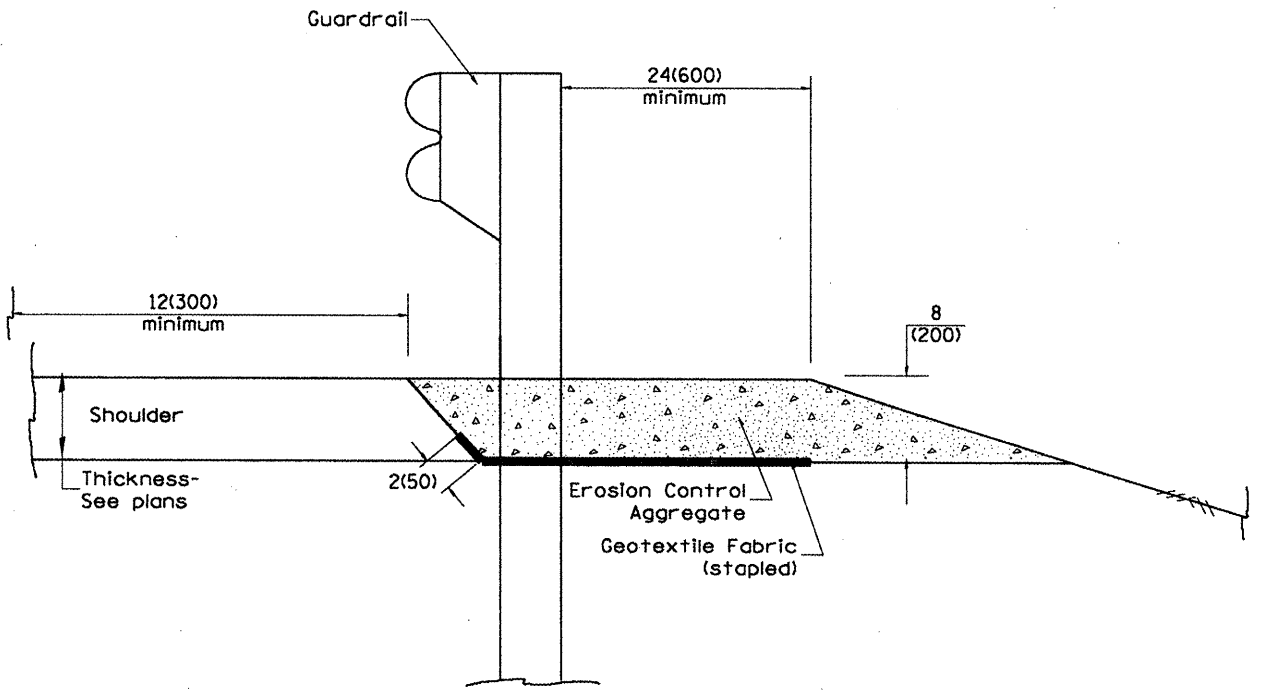
CADD SIG. 602006-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	96
* 1108X, 130, 102RS-3, 129RS-4, 101RS-2			CONTRACT NO. 68890	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

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



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m³)

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.

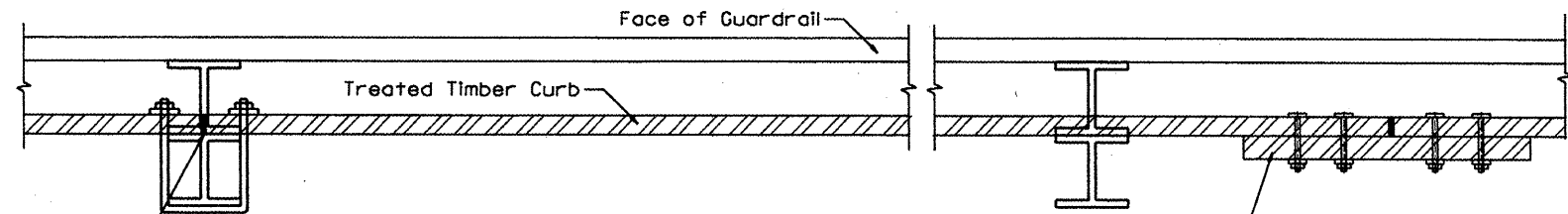
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-22.01. NEW REVISION BOX	J.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.			

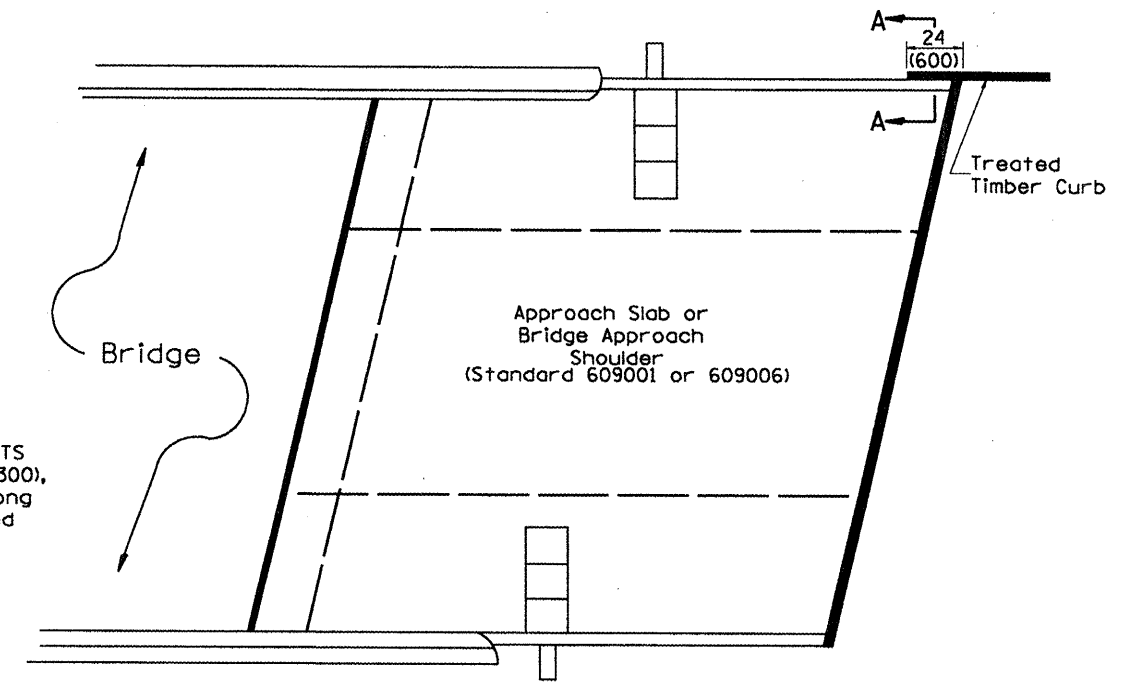
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS
 NOT TO SCALE
 SUT. 1 OF 2
 CADD SIG. 630101-04

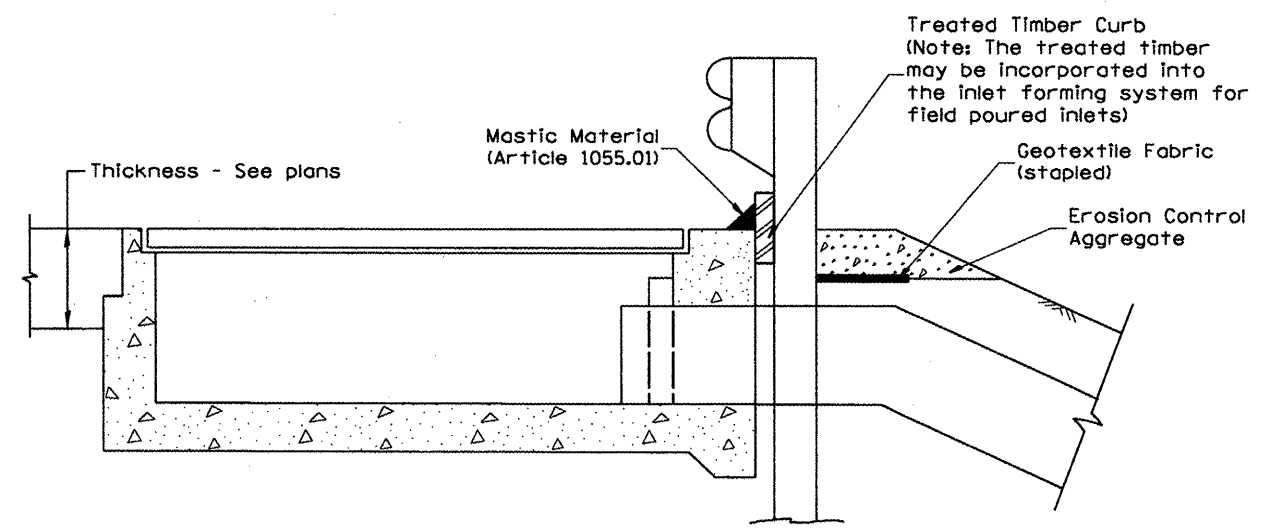
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		PEORIA	100	97
CONTRACT NO. 68890			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	



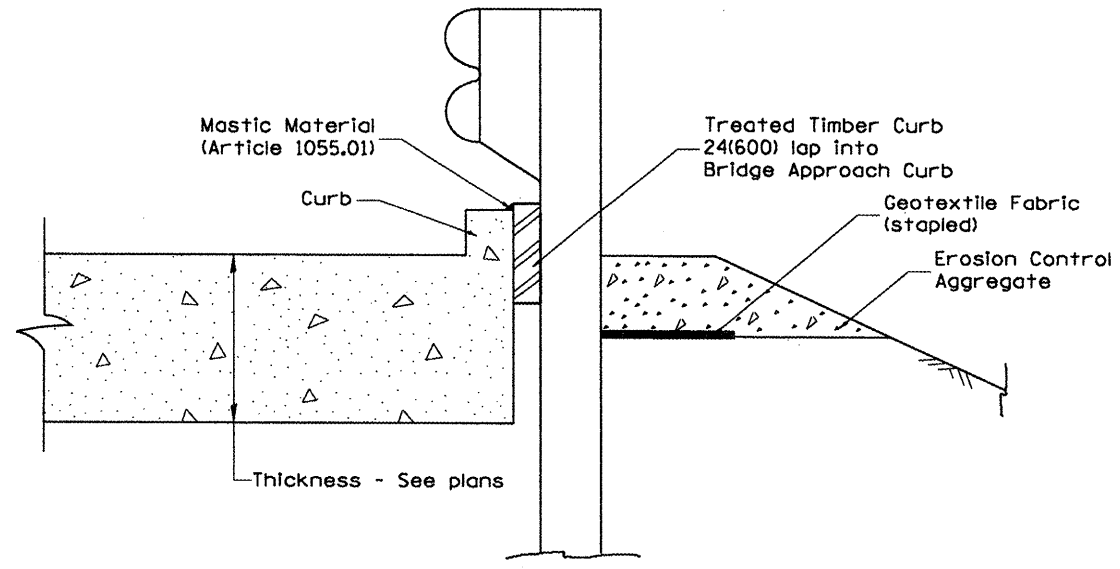
DETAIL A
(Typical Treated Timber Splices)



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)



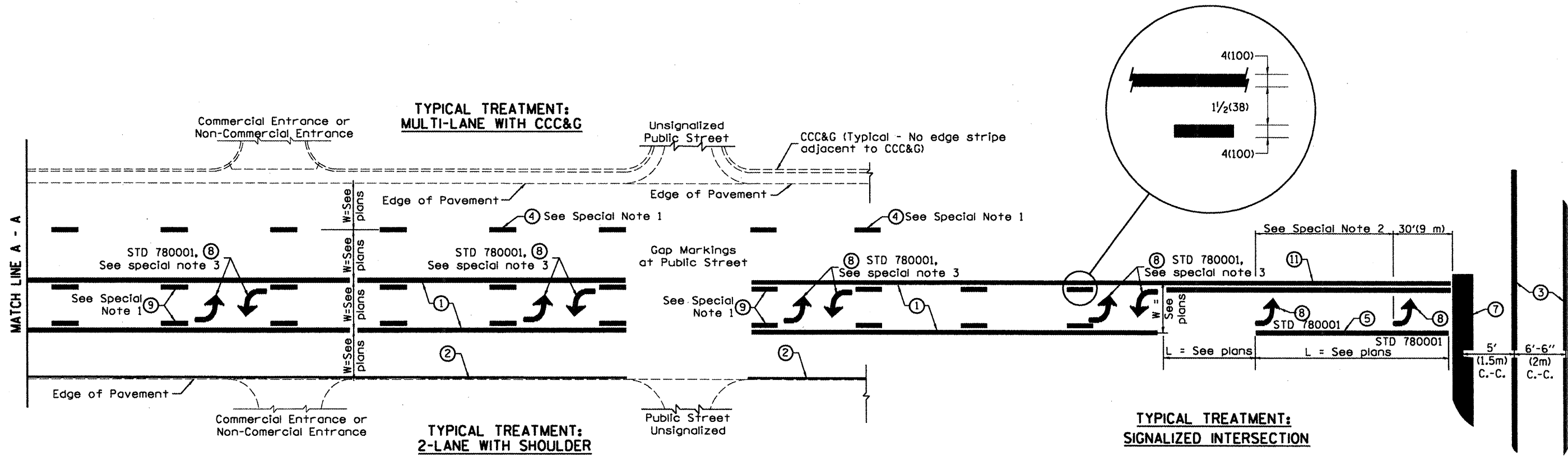
SECTION A-A
TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS
NOT TO SCALE
SHI_2_QE_2
CAOQ_SID_630101-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	98
CONTRACT NO. 68890			FED. ROAD DIST. NO. 4 (ILLINOIS) FED. AID PROJECT	



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)

01-01-97	BENJUM, E-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-02-97	ADD BI DIRECTIONAL DIMENSION	V.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	V.A.		
08-02	ADD CROSSWALK DIMS. WITH I.S.	M.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	PEORIA	100	99
CONTRACT NO. 68890			SHEET NO. 1 OF 2	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

