

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317; 693	(46-1)RS-9; (L)RS-6	PEORIA	73	1
RTE: US 24; IL 9		ILLINOIS	CONTRACT NO. 68B67	

FOR INDEX OF SHEETS 01-19-2018 LETTING ITEM 029

SEE PAGE 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

D-94-007-14

PROPOSED
HIGHWAY PLANS

FAP 317 US ROUTE 24
FAP 693 IL ROUTE 9
SECTION (46-1)RS-9; (L)RS-6
PROJECT NHPP-MTRX(421)
TYPE of IMPROVEMENT: RESURFACING
PEORIA COUNTY
C-94-026-14



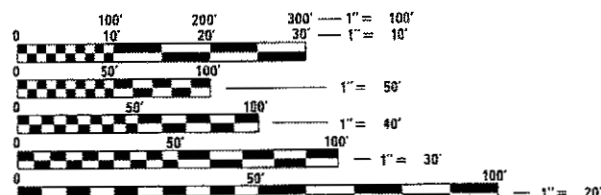
HIGHWAY STANDARDS:

420001-09	701422-10	821101-02
420101-06	701426-09	857001-01
424001-10	701602-09	857006-01
424006-03	701701-10	862001-01
424011-03	701801-06	873001-02
604001-04	701901-07	876001-04
606001-07	720011-01	880006-01
606301-04	728001-01	886001-01
630001-12	729001-01	886006-01
642006	780001-05	BLR 21-9
701101-05	782006	

CADD STANDARDS:

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

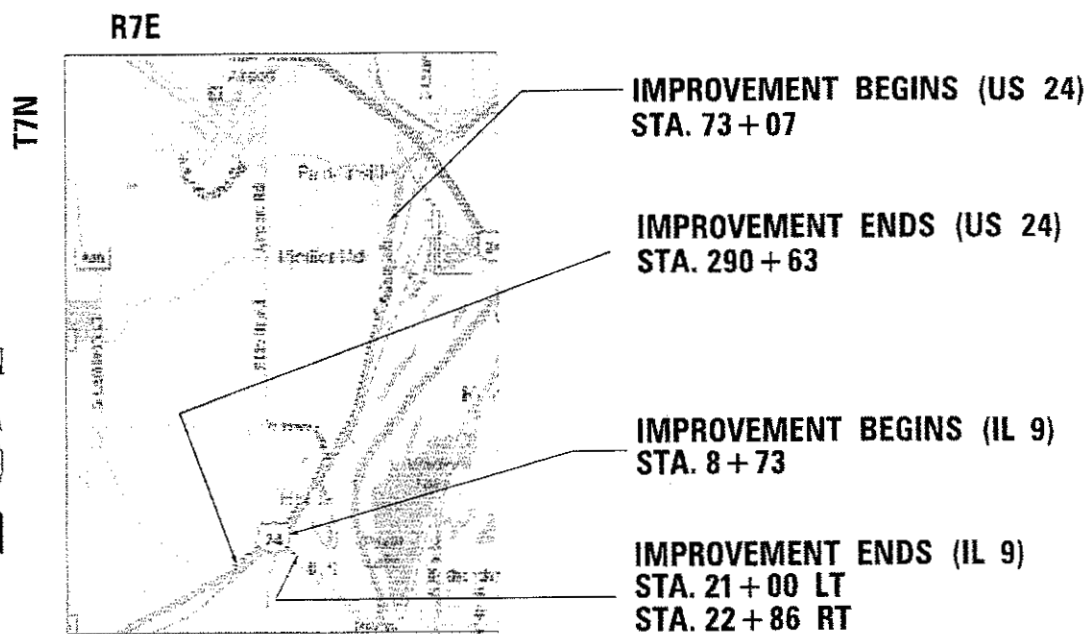
ADT (Rt 24) = 17,100
MU (Rt 24) = 6.0%
ADT (Rt 9) = 13,700
MU (Rt 9) = 5.5%



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: M. HUDELSON /J. HALL, 309-671-3466
CONTRACT NO. 68B67
CATALOG NO. 035035-00D



Job Description:

Resurfacing on US 24 from south of IL 9 to north of Pfeiffer Road and on IL 9 from US 24 to 0.27 miles east of US 24.

GROSS LENGTH = 23,120 FT = 4.38 MILES
NET LENGTH = 23,120 FT = 4.38 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 18 2017
Peoria
REGION THREE ENGINEER

Nov 30 2017
Maween M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

Nov 30 2017
Amelia
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

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AVAILABILITY OF ELECTRONIC FILES

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

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent side roads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

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)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & SIDEWALK

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

TAPER REMOVAL FRAME & GRATES ADJUSTED BY OTHERS

At locations where frames and grates have previously been adjusted by others and they are surrounded by hot-mix asphalt tapers, the Contractor for this contract shall remove and dispose of the hot-mix asphalt taper material prior to the placement of the hot-mix asphalt surface course. This work will not be paid for separately, but will be considered as included in the cost of the HOT-MIX ASPHALT SURFACE COURSE pay item.

TRANSITION PAYMENT METHOD – NEWOLD CONSTRUCTION

Three meter (10 ft.)(3m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

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

All elevations shown on the plans are established from U. S. G. S. mean sea level datum.

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USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL NOTES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -								**	(46-1)RS-9; (LRS-6	PEORIA	73	2
PLOT DATE = 10/20/2017	CHECKED -	REVISED -								** FAP 317; FAP 693	CONTRACT NO. 68867			
	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb /sq ft
Existing Pavement	0.04 lb /sq ft
Fog Coat (between lifts)	0.04 lb /sq ft

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.

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.

COMMITMENTS

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

Commitment with the Village of Bartonville:

The Village of Bartonville will be allowed to inspect the inlets in the curb and gutter on US 24 and make repairs as necessary while the outside lanes are closed to traffic. The Contractor shall contact the Village of Bartonville Director of Public Works Randy Sweeter at (309) 208-1630 or btpnw@comcast.net ten (10) days before the outside lane closure.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface Course 1-1/2"	Polymer Level Binder 1"	Shoulders	Incidental Surface Course
AC/PC:	SBS 76-28	SBS 76-22	PG 64-22	
Design Air Voids:	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture):	IL 9.5	IL 4.75	IL 9.5FG	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix C	Mix C
Quality Management:	PFP	QCP	QC/QA	QC/QA

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

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.

TREE REMOVAL

The Resident Engineer should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

JOB SPECIFIC NOTES

MILLED SURFACE RESTRICTION

Only turning or intersection traffic shall be allowed on milled surfaces.

PAVEMENT REMOVAL

HMA shoulder removal at the railroad crossing on IL 9 will be included in the quantities for Pavement Removal

HOT MIX ASPHALT REMOVAL, SPECIAL

All surface course longitudinal joints shall be paved wide and milled off (see Construction Sequence special provision). Edge of pavement joints adjacent to shoulders less than 8' wide will not be trimmed.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & COMMITMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (LRS-6	PEORIA	73	3
** FAP 317; FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

REV SHEET 11-20-17

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0021	0021
				URBAN ROADWAY	RURAL ROADWAY	URBAN SIGNALS	URBAN SIGNALS
				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24/KEYSTONE				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8	8			
20200100	EARTH EXCAVATION	CU YD	155	155			
21400100	GRADING AND SHAPING DITCHES	FOOT	230	230			
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	14	14			
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	369	369			
35300720	PORTLAND CEMENT CONCRETE BASE COURSE 13"	SQ YD	38	38			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	179093	170654.6	8438.4		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	7520	7178.6	341.4		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1255	1201.7	53.3		
40600990	TEMPORARY RAMP	SQ YD	507	507			
40603540	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	12878	12365.9	512.1		
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	30	30			
42000060	WELDED WIRE REINFORCEMENT	SQ YD	418	418			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	927.5	927.5			

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1RS-9; ILRS-6	PEORIA	73	4
** FAP 317; FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0021	0021
				URBAN ROADWAY	RURAL ROADWAY	URBAN SIGNALS	URBAN SIGNALS
				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24@KEYSTONE				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
42400800	DETECTABLE WARNINGS	SQ FT	147	147			
44000100	PAVEMENT REMOVAL	SQ YD	462	462			
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	27624	27624			
44000154	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	22551	21520.3	1030.7		
44000157	HOT - MIX ASPHALT SURFACE REMOVAL, 2 "	SQ YD	8923	8923			
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	106079	100036.7	6042.3		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	235	235			
44000600	SIDEWALK REMOVAL	SQ FT	743.5	743.5			
48203100	HOT - MIX ASPHALT SHOULDERS	TON	2774	2764.4	9.6		
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1			
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	6	6			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	262	262			
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	112.5	112.5			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2			

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-11RS-9; 11RS-6	PEORIA	73	5
** FAP#3 FAP ENR 698AP 693			CONTRACT NO. 68867	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0021	0021
				URBAN ROADWAY	RURAL ROADWAY	URBAN SIGNALS	URBAN SIGNALS
				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24@KEystone				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
63200310	GUARDRAIL REMOVAL	FOOT	135	135			
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	29404	28293	1111		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	5.4	0.6		
67100100	MOBILIZATION	L SUM	1	0.9	0.1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.9	0.1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12423	11926	497		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4224	4055	169		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1270	1223	47		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	111520	107393	4127		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12442	12442			

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0021	0021
				URBAN ROADWAY	RURAL ROADWAY	URBAN SIGNALS	URBAN SIGNALS
				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24@KEYSTONE				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	6238	5823	415		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2751	2751			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	613	537	76		
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	44079	44079			
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1270	1223	47		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	111519	107392	4127		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	12442	12442			
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	6238	5823	415		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2751	2751			
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	613	537	76		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1708	1664	44		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	2	2			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1708	1664	44		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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**	(46-1)RS-9; (L)RS-6	PEORIA	73	7
** FAP 317; FAP 693		CONTRACT NO. 68867		
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REV

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				0005	0005	0021	0021
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				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24@KEYSTONE				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	30			30	
* 85700310	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1				1
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	223.5				223.5
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	406			406	
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	3			3	
* 87900200	DRILL EXISTING HANDHOLE	EACH	3			3	
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2			2	
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12			5	7
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	10				10
* 88600100	DETECTOR LOOP, TYPE I	FOOT	750				750
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			2	
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	5			5	
* 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1			1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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**	(46-1)RS-9; (L)RS-6	PEORIA	73	8
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[ILLINOIS] FED. AID PROJECT				

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				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24@KEystone				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
* 89502100	REBUILD EXISTING SIGNAL HEAD	EACH	2				2
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3				3
* X0323071	SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1				1
* X0326885	VIDEO DETECTION SYSTEM	EACH	1			1	
* X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1				1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLAST	SQ FT	15160	15160			
* X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	3				3
X4200110	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	418	418			
X4400196	HOT - MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	6102	5974.3	127.7		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9064	9064			
X4402805	ISLAND REMOVAL	SQ FT	164	164			
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.9	0.1		

* SPECIALTY ITEM

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	PLOT DATE = 10/20/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	9
** FAP 317; FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0021	0021
				URBAN ROADWAY	RURAL ROADWAY	URBAN SIGNALS	URBAN SIGNALS
				PEORIA COUNTY	PEORIA COUNTY	US 24/PFEIFFER	US 24/IL 9
80% FED	80% FED	80% FED	US 24/KEYSTONE				
20% STATE	20% STATE	10%/10% ST/CY	80%/20% F/S				
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	600	540	60		
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	2895	2848	47		
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	111519	107392	4127		
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	11214	11214			
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	6246	5831	415		
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2751	2751			
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	613	537	76		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	28	28			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.9	0.1		
Z0024475	TUBULAR MARKER	EACH	23	20	3		
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	369	369			
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1				1
Z0034105	MATERIAL TRANSFER DEVICE	TON	20398	19544.5	853.5		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			

*SPECIALTY ITEM

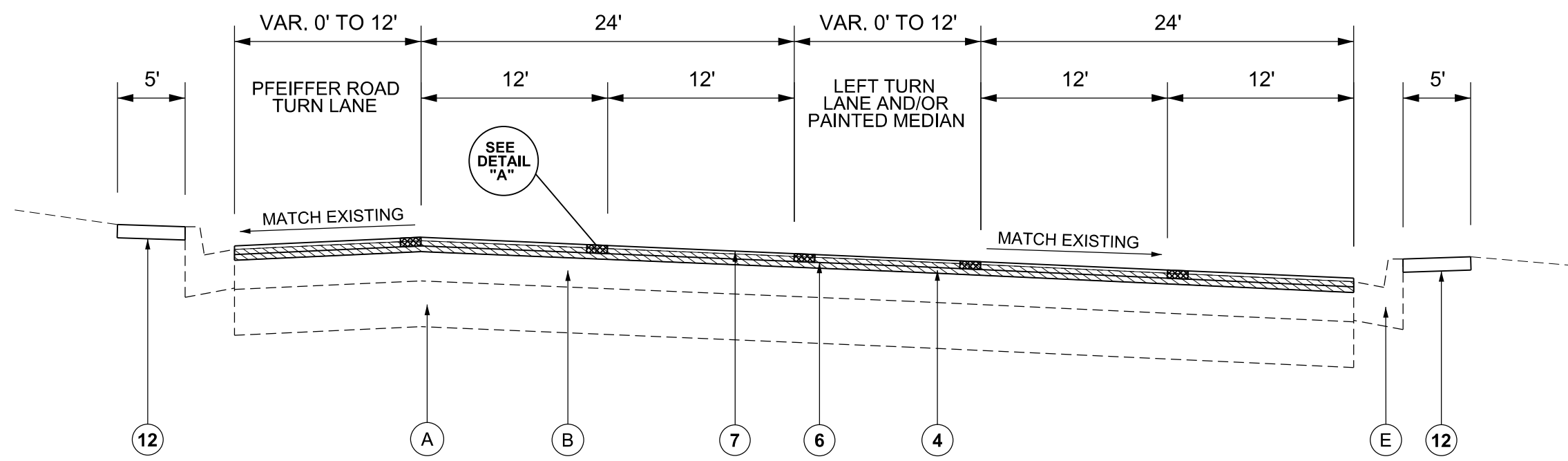
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

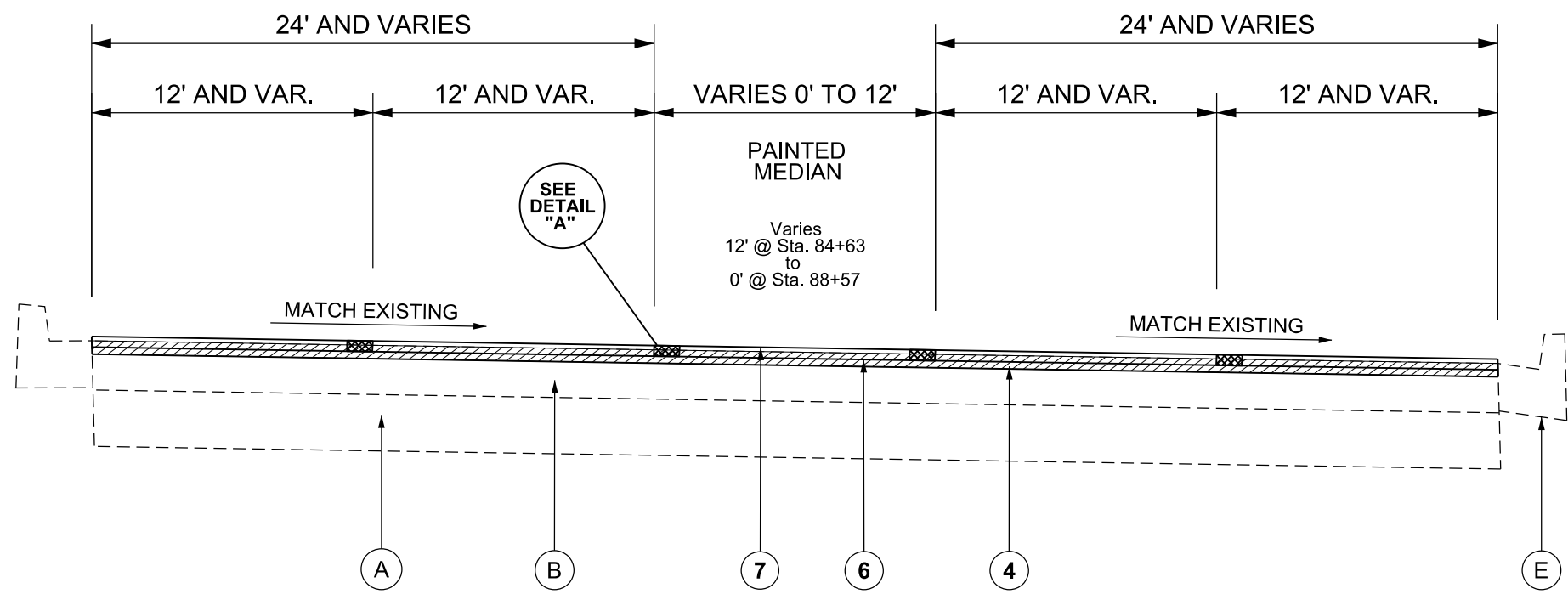
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**	(46-11RS-9) (LRS-6)	PEORIA	73	10
** FAP 317; FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

REV



TYPICAL SECTION #1 (U.S. ROUTE 24)

STA. 75+37 TO STA. 84+63



TYPICAL SECTION #2 (U.S. ROUTE 24)

STA. 84+63 TO STA. 114+59

11' LANES: STA. 88+57 TO STA. 99+56
12' LANES: STA. 103+50 TO STA. 114+59

TAPER 12' TO 11' LANES: STA. 84+63 TO STA. 88+57
TAPER 11' TO 12' LANES: STA. 99+56 TO STA. 103+50

LEGEND - EXISTING

- (A) PCC PAVEMENT
- (B) HMA OVERLAY
- (C) HMA SHOULDER
- (D) GUTTER
- (E) CURB AND GUTTER
- (F) PCC MEDIAN
- (G) GUARDRAIL AGGREGATE EROSION CONTROL
- (H) SUB-BASE GRANULAR MATERIAL 6"

LEGEND - PROPOSED

- (1) HMA SURFACE REMOVAL, 3/4"
- (2) HMA SURFACE REMOVAL, 1-1/4"
- (3) HMA SURFACE REMOVAL, 2"
- (4) HMA SURFACE REMOVAL, 2-1/4"
- (5) HMA SURFACE REMOVAL, VAR. DEPTH
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- (8) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (9) HMA SHOULDERS, 1-1/2"
- (10) HMA SHOULDERS, 1-3/4"
- (11) HMA SHOULDERS, 2"
- (12) PCC SIDEWALK 4"

NOT TO SCALE

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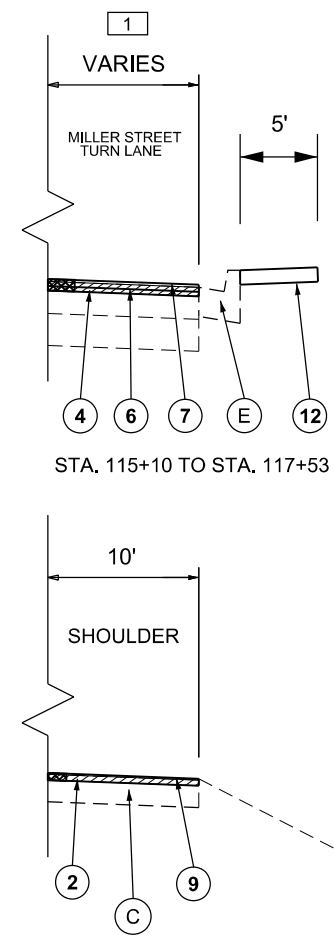
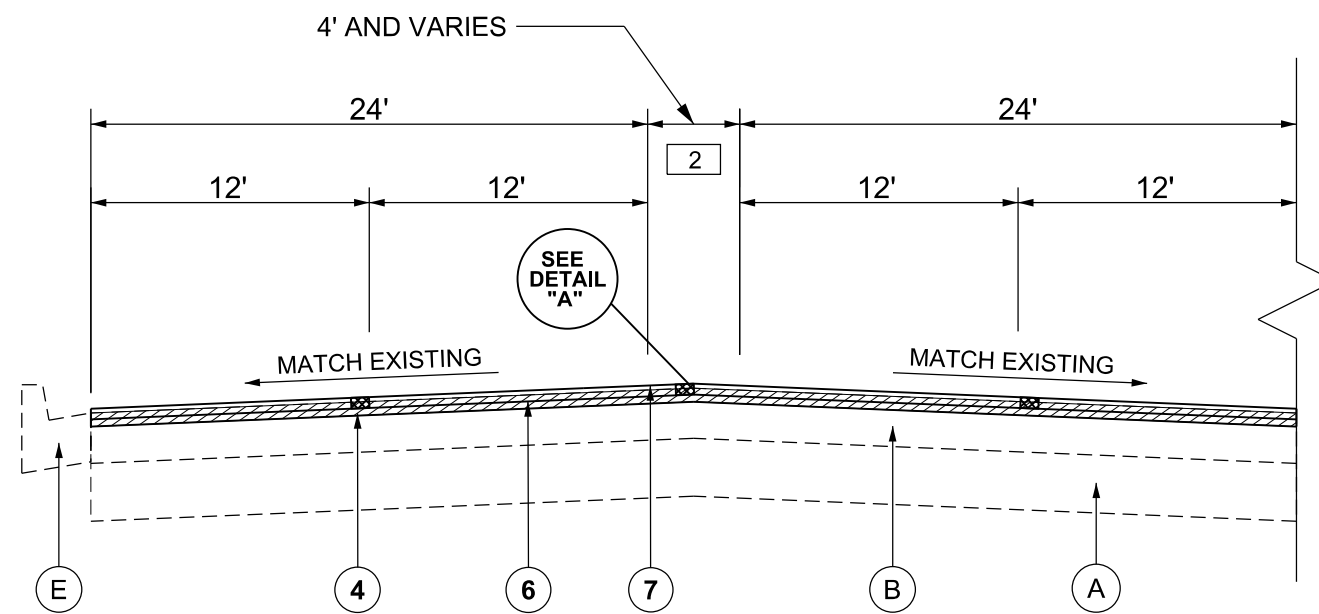
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PLOT DATE = 10/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 24 TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	11
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #3 (U.S. ROUTE 24)

STA. 114+59 TO STA. 125+11

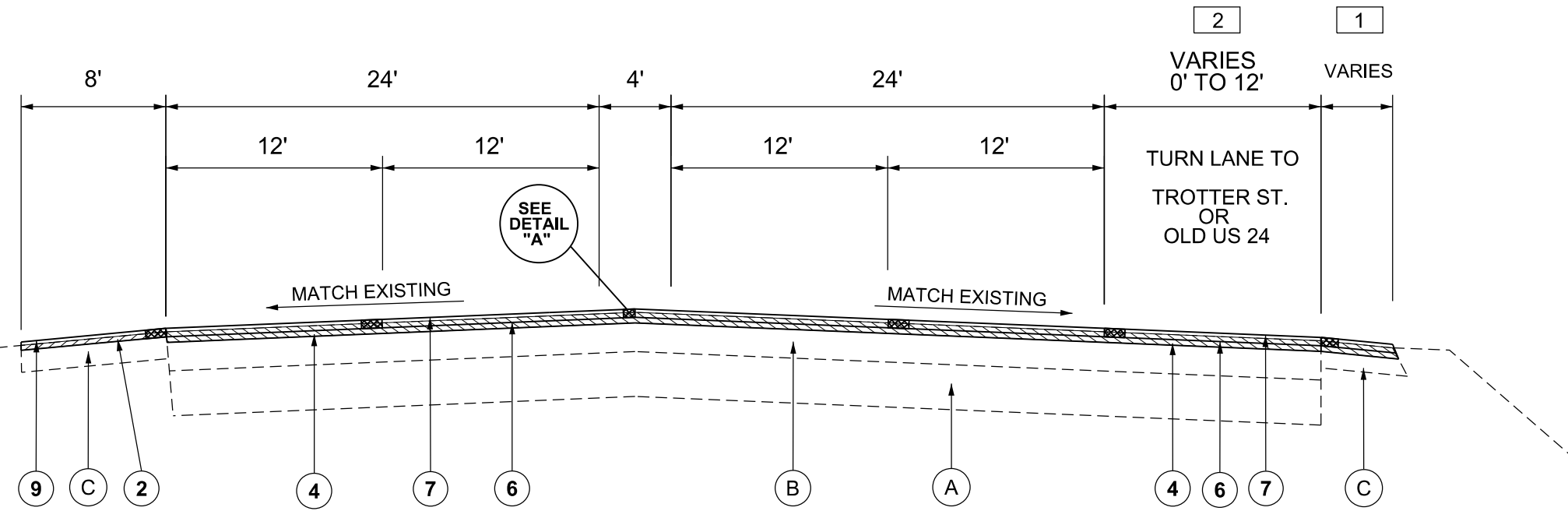
- 1 TURN LANE VARIES FROM 0' TO 12' TO 10'
- 2 FLUSH MEDIAN
VARIES 0' TO 4': STA. 114+59 TO STA. 117+53
4' TYPICAL: STA. 117+53 TO STA. 125+11

LEGEND - EXISTING

- (A) PCC PAVEMENT
- (B) HMA OVERLAY
- (C) HMA SHOULDER
- (D) GUTTER
- (E) CURB AND GUTTER
- (F) PCC MEDIAN
- (G) GUARDRAIL AGGREGATE EROSION CONTROL
- (H) SUB-BASE GRANULAR MATERIAL 6"

LEGEND - PROPOSED

- 1 HMA SURFACE REMOVAL, 3/4"
- 2 HMA SURFACE REMOVAL, 1-1/4"
- 3 HMA SURFACE REMOVAL, 2"
- 4 HMA SURFACE REMOVAL, 2-1/4"
- 5 HMA SURFACE REMOVAL, VAR. DEPTH
- 6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
- 7 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- 8 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 9 HMA SHOULDERS, 1-1/2"
- 10 HMA SHOULDERS, 1-3/4"
- 11 HMA SHOULDERS, 2"
- 12 PCC SIDEWALK 4"



TYPICAL SECTION #4 (U.S. ROUTE 24)

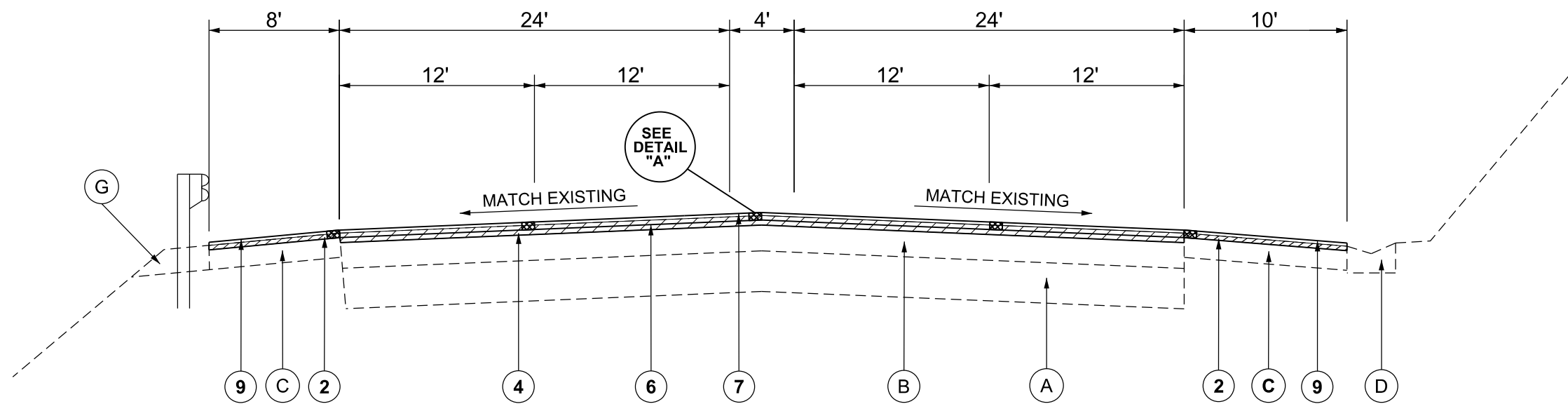
STA. 125+11 TO STA. 138+86
STA. 157+97 TO STA. 172+84
STA. 187+00 TO STA. 198+96

- 1 SHARED SHOULDER VARIES FROM 10' (TYP.) TO 4' ADJACENT TO FULL WIDTH TURN LANE
- 2 TROTTER ST: STA. 128+88 TO STA. 131+32
OLD U.S. 24: STA. 157+97 TO STA. 163+36

NOT TO SCALE

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				** (46-1)RS-9: (L)RS-6	PEORIA	73	12	
PLOT DATE = 10/20/2017	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		** FAP 317: FAP 693		CONTRACT NO. 68B67		
	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

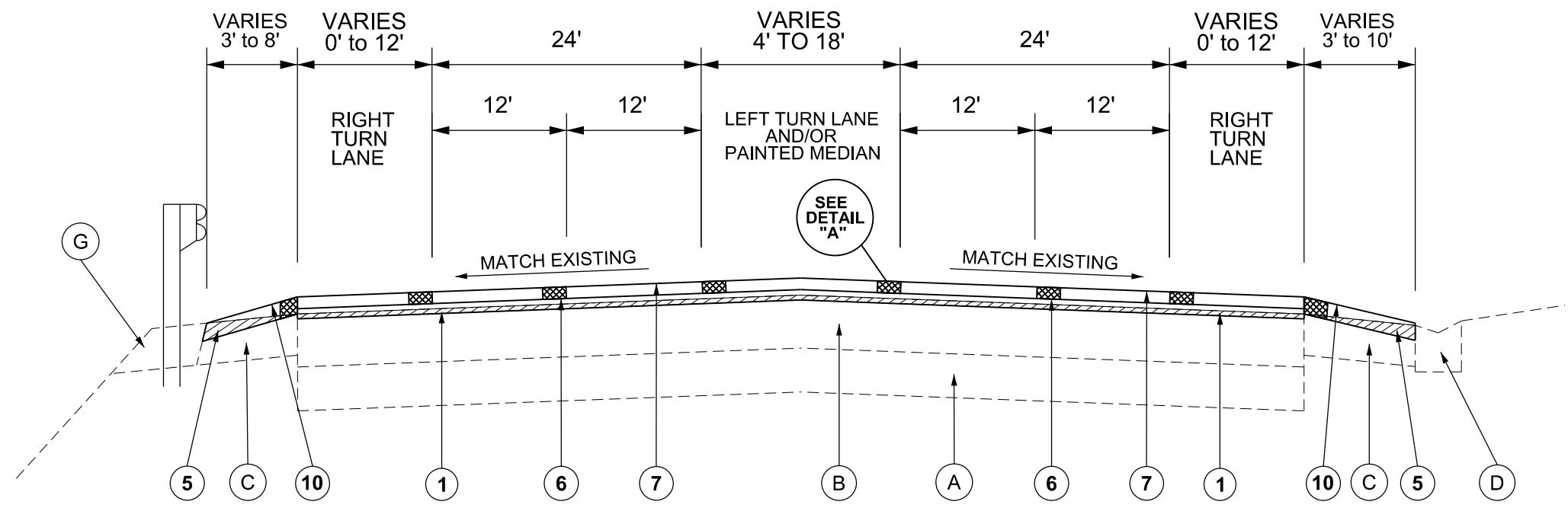


- LEGEND - EXISTING**
- (A) PCC PAVEMENT
 - (B) HMA OVERLAY
 - (C) HMA SHOULDER
 - (D) GUTTER
 - (E) CURB AND GUTTER
 - (F) PCC MEDIAN
 - (G) GUARDRAIL AGGREGATE EROSION CONTROL
 - (H) SUB-BASE GRANULAR MATERIAL 6"

TYPICAL SECTION #5 (U.S. ROUTE 24)

STA. 138+86 TO STA. 157+97
 STA. 172+84 TO STA. 187+00
 STA. 239+74 TO STA. 267+77

- LEGEND - PROPOSED**
- (1) HMA SURFACE REMOVAL, 3/4"
 - (2) HMA SURFACE REMOVAL, 1-1/4"
 - (3) HMA SURFACE REMOVAL, 2"
 - (4) HMA SURFACE REMOVAL, 2-1/4"
 - (5) HMA SURFACE REMOVAL, VAR. DEPTH
 - (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
 - (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
 - (8) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - (9) HMA SHOULDERS, 1-1/2"
 - (10) HMA SHOULDERS, 1-3/4"
 - (11) HMA SHOULDERS, 2"
 - (12) PCC SIDEWALK 4"



TYPICAL SECTION #6 (U.S. ROUTE 24)

STA. 198+96 TO STA. 239+74

NOT TO SCALE

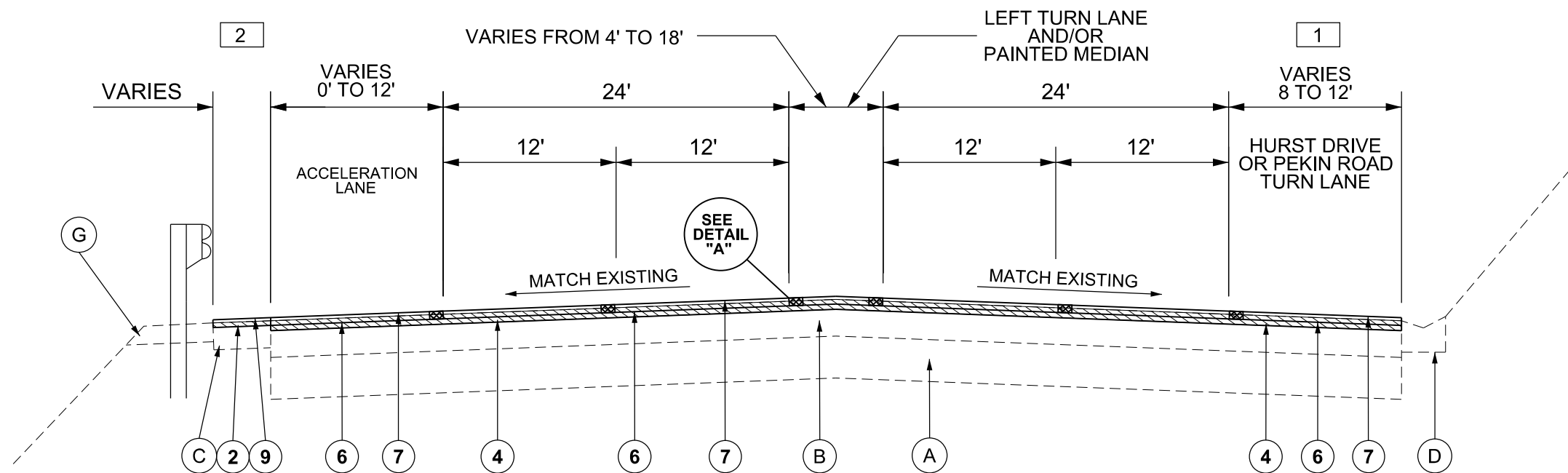
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 24 TYPICAL SECTION	
SCALE:	SHEET OF SHEETS STA. TO STA.

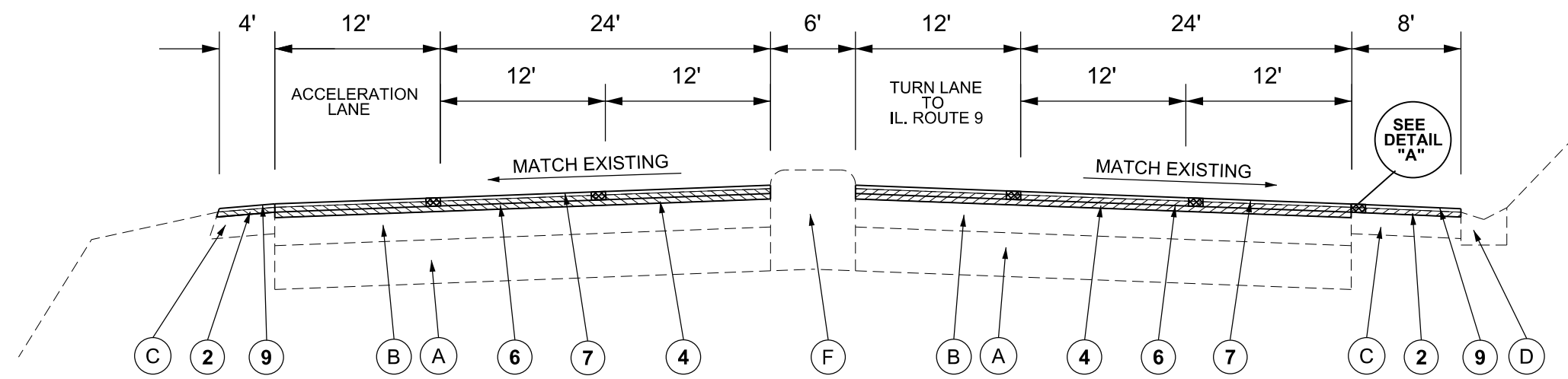
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	13
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #7 (U.S. ROUTE 24)
 STA. 267+77 TO 277+58

- 1 HURST DRIVE: STA. 267+77 TO STA. 271+20
 PEKIN ROAD: STA. 273+04 TO STA. 275+31
 8' SHOULDER: STA. 271+20 TO 273+04 AND STA. 275+31 TO STA. 277+58
- 2 SHOULDER VARIES FROM 8' (TYP.) TO 4' ADJACENT TO FULL WIDTH ACCELERATION LANE

- LEGEND - EXISTING**
- (A) PCC PAVEMENT
 - (B) HMA OVERLAY
 - (C) HMA SHOULDER
 - (D) GUTTER
 - (E) CURB AND GUTTER
 - (F) PCC MEDIAN
 - (G) GUARDRAIL AGGREGATE EROSION CONTROL
 - (H) SUB-BASE GRANULAR MATERIAL 6"



TYPICAL SECTION #8 (U.S. ROUTE 24)
 STA. 277+58 TO STA. 280+89

- LEGEND - PROPOSED**
- 1 HMA SURFACE REMOVAL, 3/4"
 - 2 HMA SURFACE REMOVAL, 1-1/4"
 - 3 HMA SURFACE REMOVAL, 2"
 - 4 HMA SURFACE REMOVAL, 2-1/4"
 - 5 HMA SURFACE REMOVAL, VAR. DEPTH
 - 6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
 - 7 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
 - 8 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - 9 HMA SHOULDERS, 1-1/2"
 - 10 HMA SHOULDERS, 1-3/4"
 - 11 HMA SHOULDERS, 2"
 - 12 PCC SIDEWALK 4"

NOT TO SCALE

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USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 24 TYPICAL SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				** (46-1)RS-9: (L)RS-6	PEORIA	73	14	
PLOT DATE = 10/20/2017	CHECKED -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	** FAP 317: FAP 693	CONTRACT NO. 68B67		
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT			

INTERSECTION OMISSION

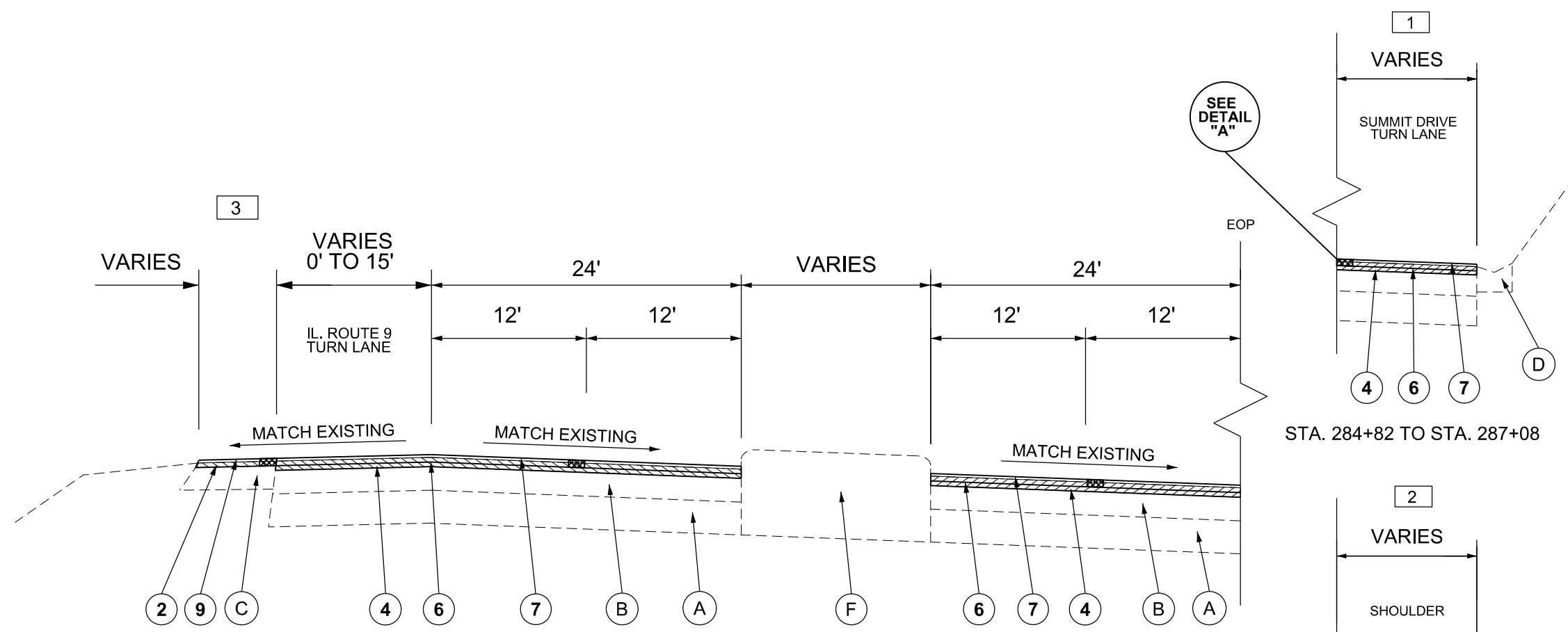
STA. 280+89 TO STA. 281+99

LEGEND - EXISTING

- (A) PCC PAVEMENT
- (B) HMA OVERLAY
- (C) HMA SHOULDER
- (D) GUTTER
- (E) CURB AND GUTTER
- (F) PCC MEDIAN
- (G) GUARDRAIL AGGREGATE EROSION CONTROL
- (H) SUB-BASE GRANULAR MATERIAL 6"

LEGEND - PROPOSED

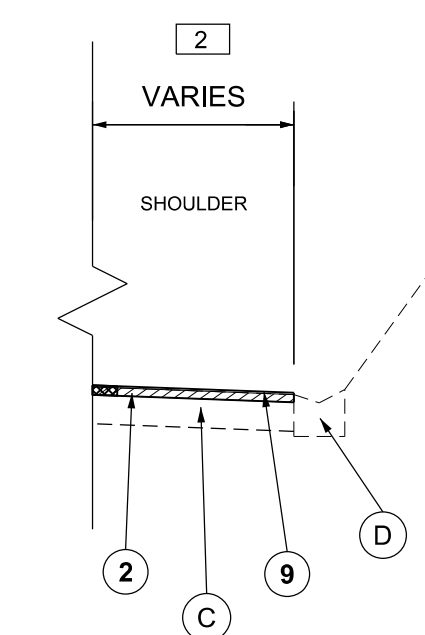
- (1) HMA SURFACE REMOVAL, 3/4"
- (2) HMA SURFACE REMOVAL, 1-1/4"
- (3) HMA SURFACE REMOVAL, 2"
- (4) HMA SURFACE REMOVAL, 2-1/4"
- (5) HMA SURFACE REMOVAL, VAR. DEPTH
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- (8) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (9) HMA SHOULDERS, 1-1/2"
- (10) HMA SHOULDERS, 1-3/4"
- (11) HMA SHOULDERS, 2"
- (12) PCC SIDEWALK 4"



TYPICAL SECTION #9 (U.S. ROUTE 24)

STA. 281+99 TO STA. 290+63

- 1 TURN LANE VARIES FROM 8' AT START OF LANE, TO 12' AT ENTRANCE, TO 8' AT END OF LANE
- 2 SHOULDER VARIES FROM 3' TO 8' (TYPICAL)
- 3 SHOULDER VARIES FROM 8' (TYP.) TO 5' ADJACENT TO FULL WIDTH TURN LANE



STA. 281+99 TO STA. 284+82
STA. 287+08 TO STA. 290+63

NOT TO SCALE

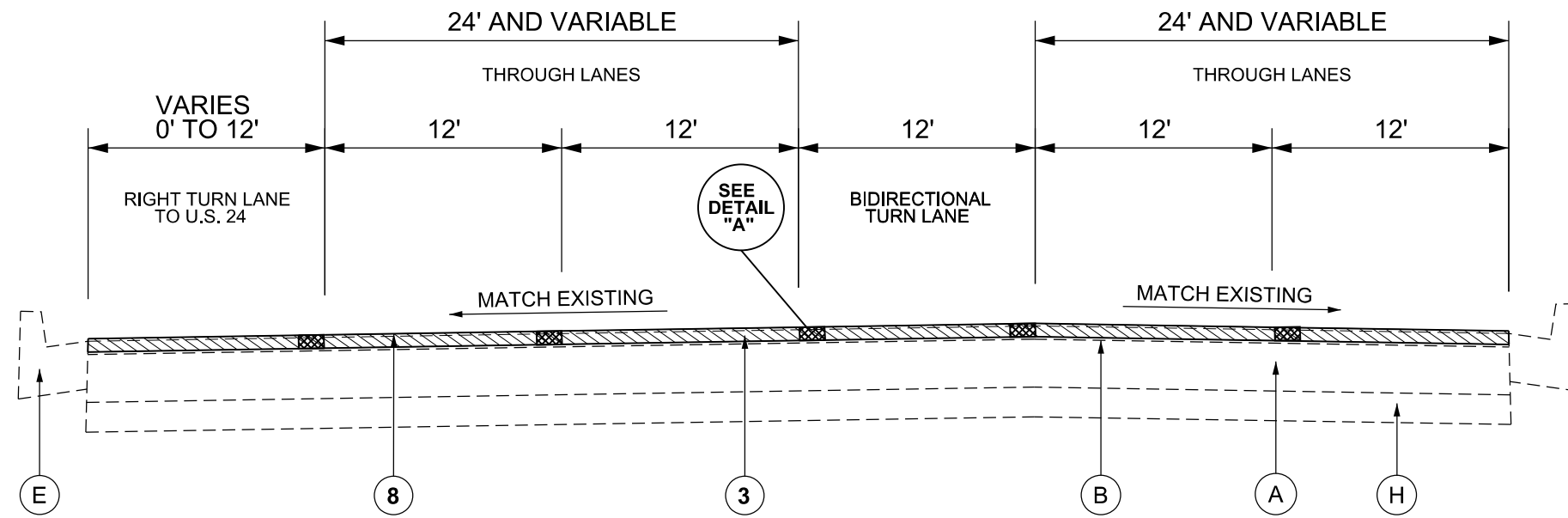
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 24 TYPICAL SECTION

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2017	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

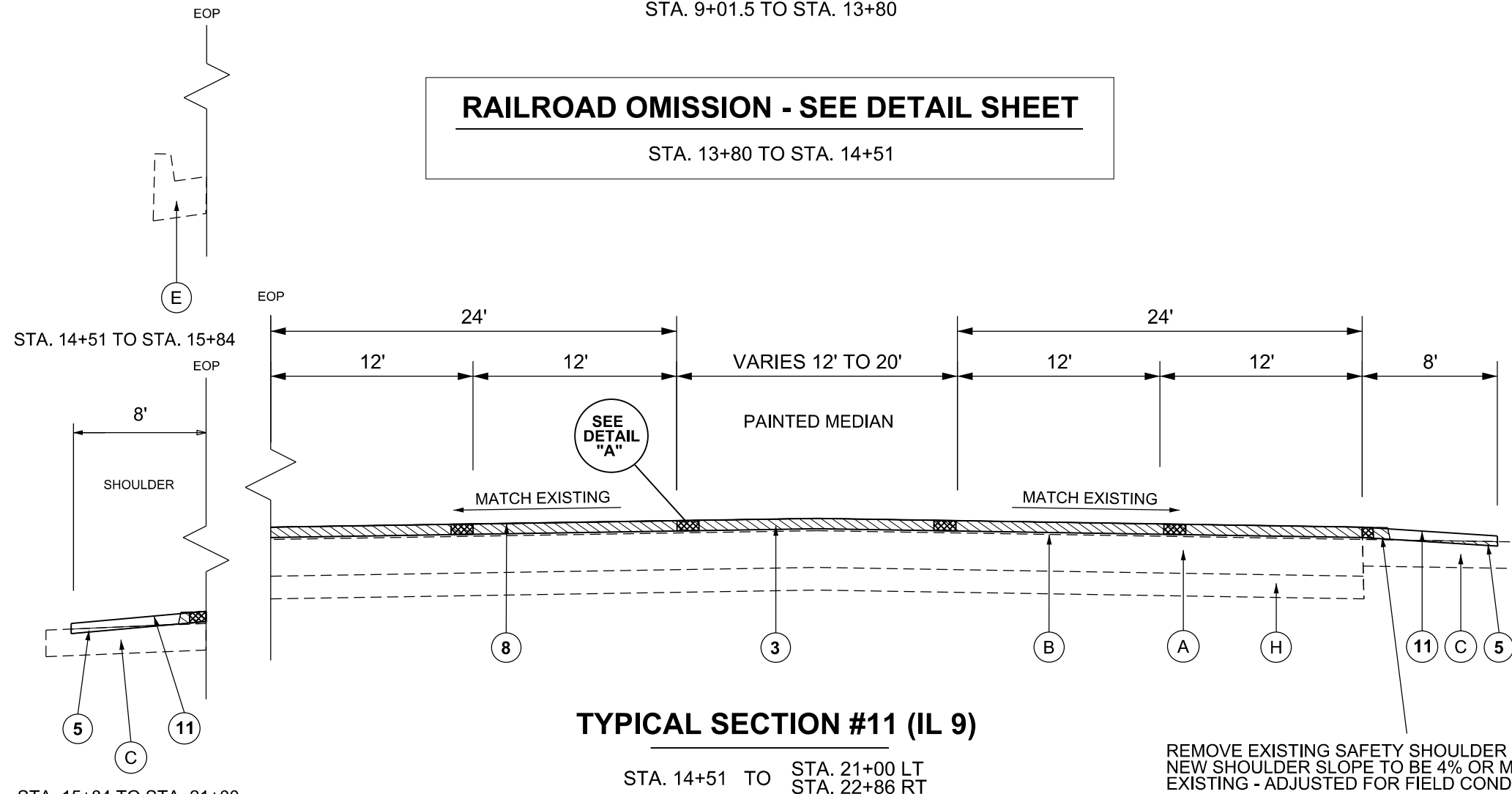
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	15
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #10 (IL 9)

STA. 9+01.5 TO STA. 13+80

RAILROAD OMISSION - SEE DETAIL SHEET
STA. 13+80 TO STA. 14+51



TYPICAL SECTION #11 (IL 9)

STA. 14+51 TO STA. 21+00 LT
STA. 22+86 RT

REMOVE EXISTING SAFETY SHOULDER (LT & RT).
NEW SHOULDER SLOPE TO BE 4% OR MATCH
EXISTING - ADJUSTED FOR FIELD CONDITIONS.

LEGEND - EXISTING

- (A) PCC PAVEMENT 10"
- (B) HMA OVERLAY 2" TO 2-1/4"
- (C) HMA SHOULDER
- (D) GUTTER
- (E) CURB AND GUTTER
- (F) PCC MEDIAN
- (G) GUARDRAIL AGGREGATE EROSION CONTROL
- (H) SUB-BASE GRANULAR MATERIAL 6"

LEGEND - PROPOSED

- (1) HMA SURFACE REMOVAL, 3/4"
- (2) HMA SURFACE REMOVAL, 1-1/4"
- (3) HMA SURFACE REMOVAL, 2"
- (4) HMA SURFACE REMOVAL, 2-1/4"
- (5) HMA SURFACE REMOVAL, VAR. DEPTH
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 1"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- (8) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (9) HMA SHOULDERS, 1-1/2"
- (10) HMA SHOULDERS, 1-3/4"
- (11) HMA SHOULDERS, 2"
- (12) PCC SIDEWALK 4"

NOT TO SCALE

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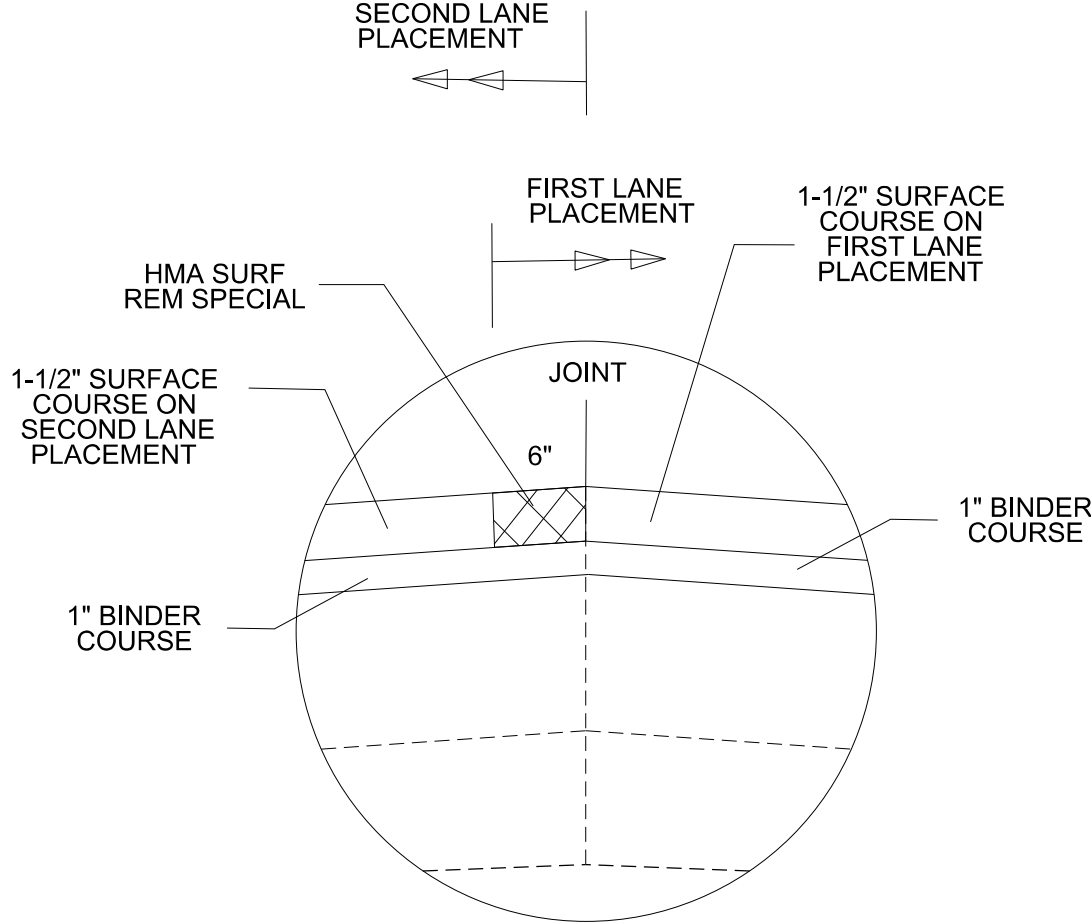
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PLOT DATE = 10/20/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 9 TYPICAL SECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	16
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

DETAIL "A"



SHOWING HMA SURFACE REMOVAL-SPECIAL AT LANE JOINTS

SEE SPECIAL PROVISION FOR CONSTRUCTION
SEQUENCE FOR MILLING AND PAVING (3P)

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	DRAWN -	REVISED -	
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PLOT DATE = 10/20/2017	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA SURFACE REMOVAL - SPECIAL
TYPICAL SECTION DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	17
CONTRACT NO. 68B67				
ILLINOIS FED. AID PROJECT				

USER NAME = aubreygs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES - RESURFACING QTYS (1 of 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	18
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS		FED. AID PROJECT		

LOCATION	AVE WIDTH		LENGTH	AREA	HMA SURF REM BUTT JOINT		HMA SURF REM (SPECIAL)		HMA SURF REM 3/4"		HMA SURF REM 1-1/4"		HMA SURF REM 2"		HMA SURF REM 2-1/4"		HMA SURF REM VAR DEPTH		
	FT	FT			SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD	SQYD
US 24																			
75+37 TO 75+47	60	10	66.7	66.7	66.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75+47 TO 76+76	60	129	860.0	860.0	0.0	28.7	0.0	0.0	0.0	860.0	0.0	0.0	0.0	860.0	0.0	0.0	0.0	0.0	0.0
76+76 TO 78+66	66	190	1,393.3	1,393.3	0.0	52.8	0.0	0.0	0.0	1,393.3	0.0	0.0	0.0	1,393.3	0.0	0.0	0.0	0.0	0.0
78+66 TO 79+80	72	114	912.0	912.0	0.0	31.7	0.0	0.0	0.0	912.0	0.0	0.0	0.0	912.0	0.0	0.0	0.0	0.0	0.0
79+80 TO 81+84	Varies	204	2,439.0	2,439.0	116.1	68.0	0.0	0.0	0.0	2,322.9	0.0	0.0	0.0	2,322.9	0.0	0.0	0.0	0.0	0.0
81+84 TO 84+63	60	279	1,860.0	1,860.0	0.0	62.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	0.0	0.0
84+63 TO 88+57	52	394	2,276.4	2,276.4	0.0	87.6	0.0	0.0	0.0	2,276.4	0.0	0.0	0.0	2,276.4	0.0	0.0	0.0	0.0	0.0
88+57 TO 99+56	44	1,099	5,372.9	5,372.9	0.0	183.2	0.0	0.0	0.0	5,372.9	0.0	0.0	0.0	5,372.9	0.0	0.0	0.0	0.0	0.0
99+56 TO 103+50	46	394	2,013.8	2,013.8	0.0	65.7	0.0	0.0	0.0	2,013.8	0.0	0.0	0.0	2,013.8	0.0	0.0	0.0	0.0	0.0
103+50 TO 114+59	48	1,109	5,914.7	5,914.7	0.0	184.8	0.0	0.0	0.0	5,914.7	0.0	0.0	0.0	5,914.7	0.0	0.0	0.0	0.0	0.0
114+59 TO 117+53	50	294	1,633.3	1,633.3	0.0	62.5	0.0	0.0	0.0	1,633.3	0.0	0.0	0.0	1,633.3	0.0	0.0	0.0	0.0	0.0
117+53 TO 123+08.25	52	555.3	3,208.1	3,208.1	0.0	123.4	0.0	0.0	0.0	3,208.1	0.0	0.0	0.0	3,208.1	0.0	0.0	0.0	0.0	0.0
STA EO 123+08.25 BK = 123+08.25																			
123+08.25 TO 198+96	52	7,522.7	43,464.4	43,464.4	0.0	2,044.8	0.0	0.0	0.0	43,464.4	0.0	0.0	0.0	43,464.4	0.0	0.0	0.0	0.0	0.0
198+96 TO 199+26	52	30	173.3	173.3	173.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199+26 TO 206+47	52	721	4,165.8	4,165.8	0.0	200.3	4,165.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206+47 TO 214+47	59	800	5,244.4	5,244.4	0.0	266.7	5,244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214+47 TO 219+22	66	475	3,483.3	3,483.3	0.0	158.3	3,483.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219+22 TO 220+07	78	85	736.7	736.7	0.0	28.3	736.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220+07 TO 223+04	75	297	2,475.0	2,475.0	0.0	99.0	2,475.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223+04 TO 225+72	72	268	2,144.0	2,144.0	0.0	89.3	2,144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225+72 TO 229+34	72	362	2,896.0	2,896.0	0.0	120.7	2,896.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229+34 TO 233+71	60	437	2,913.3	2,913.3	0.0	145.7	2,913.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233+71 TO 239+44	56	573	3,565.3	3,565.3	0.0	191.0	3,565.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239+44 TO 239+74	52	30	173.3	173.3	173.3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239+74 TO 267+94	52	2,820	16,293.3	16,293.3	0.0	783.3	0.0	0.0	0.0	16,293.3	0.0	0.0	0.0	16,293.3	0.0	0.0	0.0	0.0	0.0
267+94 TO 271+24	60	330	2,200.0	2,200.0	0.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271+24 TO 274+73	73	349	2,830.8	2,830.8	0.0	116.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
274+73 TO 277+58	78	285	2,470.0	2,470.0	0.0	95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277+58 TO 290+53	Varies	1,295	8,797.4	8,797.4	0.0	303.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(Includes IL 9 Turn/Acc. Lanes)																			
290+53 TO 290+63	48	10	53.3	53.3	53.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IL 9																			
9+01 TO 9+45	Varies	44	822.2	822.2	0.0	19.8	0.0	0.0	0.0	822.2	0.0	0.0	0.0	822.2	0.0	0.0	0.0	0.0	0.0
9+45 TO 9+99	Varies	54	549.9	549.9	549.9	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+99 TO 10+93	Varies	94	809.9	809.9	0.0	32.5	0.0	0.0	0.0	809.9	0.0	0.0	0.0	809.9	0.0	0.0	0.0	0.0	0.0
10+93 TO 12+90	72	197	1,576.0	1,576.0	0.0	54.7	0.0	0.0	0.0	1,576.0	0.0	0.0	0.0	1,576.0	0.0	0.0	0.0	0.0	0.0
12+90 TO 13+80	68	90	675.0	675.0	0.0	25.0	0.0	0.0	0.0	675.0	0.0	0.0	0.0	675.0	0.0	0.0	0.0	0.0	0.0
13+80 TO 14+51	See R.R. Crossing Schedule				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+51 TO 20+90	64	639	4,544.0	4,544.0	0.0	205.6	0.0	0.0	0.0	4,544.0	0.0	0.0	0.0	4,544.0	0.0	0.0	0.0	0.0	0.0
20+90 TO 21+00	68	10	75.6	75.6	48.9	3.3	0.0	0.0	0.0	26.7	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0
21+00 TO 22+76	24	176	469.3	469.3	0.0	19.6	0.0	0.0	0.0	469.3	0.0	0.0	0.0	469.3	0.0	0.0	0.0	0.0	0.0
22+76 TO 22+86	24	10	26.7	26.7	26.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEKIN ROAD																			
+00 TO +90	Varies	90	234.5	234.5	22.2	0.0	0.0	0.0	0.0	212.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MILLER STREET																			
+00 TO +38	Varies	38.0	120.4	120.4	24.3	0.0	0.0	0.0	0.0	96.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LANE JTS 1-1/2" SURF CSE	0.5	96,175	5,343.1	5,343.1	0.0	See Above	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LANE JTS 1-3/4" SURF CSE	0.5	6,876	382.0	382.0	0.0	See Above	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LANE JTS 2" SURF CSE	0.5	6,778	376.6	376.6	0.0	See Above	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHOULDERS		See shoulder schedule			0.0	0.0	0.0	0.0	0.0	22,242.5	0.0	0.0	0.0	2,255.2	0.0	0.0	0.0	0.0	9,064.3
URBAN SUBTOTAL					1201.7	5974.3	27624.0	21520.3	8923.0	100036.7	8923.0	100036.7	9064.0						
RURAL SUBTOTAL					53.3	127.7	0.0	1,030.7	0.0	6,042.3	0.0	6,042.3	0.0						
TOTALS					1,255	6,102	27,624	22,551	8,923	106,079	8,923	106,079	9,064						

USER NAME	= aubreyrgs
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 10/20/2017

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES - RESURFACING QTYS (2 of 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	19
** FAP 317; FAP 693		CONTRACT NO. 68B67		
ILLINOIS		FED. AID PROJECT		

LOCATION	AVE WIDTH		LENGTH	AREA	POLY BIT MATLS (TACK CT)	INCIDENT HMA SURF 1-1/2"	POLY LVL BNDR (MM) IL-4.75 N50 1"	POLY HMA SURF "D" N70 1-1/2"		POLY HMA SURF "D" N70 2"		HMA SHLDRS	MATERIAL TRANSFER DEVICE
	FT	FT						TON	TON	TON	TON		
US 24													
75+37 TO 75+47	60	10	66.7		72.0	0.0	3.7	5.6	0.0	0.0	0.0	0.0	9.3
75+47 TO 76+76	60	129	860.0		928.8	0.0	48.2	72.2	0.0	0.0	0.0	0.0	120.4
76+76 TO 78+66	66	190	1,393.3		1,504.8	0.0	78.0	117.0	0.0	0.0	0.0	0.0	195.0
78+66 TO 79+80	72	114	912.0		985.0	0.0	51.1	76.6	0.0	0.0	0.0	0.0	127.7
79+80 TO 81+84	Varies	204	2,439.0		2,634.1	0.0	136.6	204.9	0.0	0.0	0.0	0.0	341.5
81+84 TO 84+63	60	279	1,860.0		2,008.8	0.0	104.2	156.2	0.0	0.0	0.0	0.0	260.4
84+63 TO 88+57	52	394	2,276.4		2,458.5	0.0	127.5	191.2	0.0	0.0	0.0	0.0	318.7
88+57 TO 99+56	44	1,099	5,372.9		5,802.7	0.0	300.9	451.3	0.0	0.0	0.0	0.0	752.2
99+56 TO 103+50	46	394	2,013.8		2,174.9	0.0	112.8	169.2	0.0	0.0	0.0	0.0	282.0
103+50 TO 114+59	48	1,109	5,914.7		6,387.9	0.0	331.2	496.8	0.0	0.0	0.0	0.0	828.0
114+59 TO 117+53	50	294	1,633.3		1,764.0	0.0	91.5	137.2	0.0	0.0	0.0	0.0	228.7
117+53 TO 123+08.25	52	555.3	3,208.1		3,464.7	0.0	179.7	269.5	0.0	0.0	0.0	0.0	449.2
STAEQ 123+08.25 BK = 123+73.32 AH													
123+73.32 TO 198+96	52	7,522.7	43,464.4		46,941.6	0.0	2,434.0	3,651.0	0.0	0.0	0.0	0.0	6,085.0
198+96 TO 199+26	52	30	173.3		187.2	0.0	9.7	14.6	0.0	0.0	0.0	0.0	24.3
199+26 TO 206+47	52	721	4,165.8		4,499.1	0.0	233.3	349.9	0.0	0.0	0.0	0.0	583.2
206+47 TO 214+47	59	800	5,244.4		5,664.0	0.0	293.7	440.5	0.0	0.0	0.0	0.0	734.2
214+47 TO 219+22	66	475	3,483.3		3,762.0	0.0	195.1	292.6	0.0	0.0	0.0	0.0	487.7
219+22 TO 220+07	78	85	736.7		795.6	0.0	41.3	61.9	0.0	0.0	0.0	0.0	103.2
220+07 TO 223+04	75	297	2,475.0		2,673.0	0.0	138.6	207.9	0.0	0.0	0.0	0.0	346.5
223+04 TO 225+72	72	268	2,144.0		2,315.5	0.0	120.1	180.1	0.0	0.0	0.0	0.0	300.2
225+72 TO 229+34	72	362	2,896.0		3,127.7	0.0	162.2	243.3	0.0	0.0	0.0	0.0	405.5
229+34 TO 233+71	60	437	2,913.3		3,146.4	0.0	163.1	244.7	0.0	0.0	0.0	0.0	407.8
233+71 TO 239+44	56	573	3,565.3		3,850.5	0.0	199.7	299.5	0.0	0.0	0.0	0.0	499.2
239+44 TO 239+74	52	30	173.3		187.2	0.0	9.7	14.6	0.0	0.0	0.0	0.0	24.3
239+74 TO 267+94	52	2,820	16,293.3		17,596.8	0.0	912.4	1,368.6	0.0	0.0	0.0	0.0	2,281.0
267+94 TO 271+24	60	330	2,200.0		2,376.0	0.0	123.2	184.8	0.0	0.0	0.0	0.0	308.0
271+24 TO 274+73	73	349	2,830.8		3,057.3	0.0	158.5	237.8	0.0	0.0	0.0	0.0	396.3
274+73 TO 277+58	78	285	2,470.0		2,667.6	0.0	138.3	207.5	0.0	0.0	0.0	0.0	345.8
277+58 TO 290+53 (Includes IL 9 Turn/Acc. Lanes)	Varies	1,295	8,797.4		9,501.2	0.0	492.7	739.0	0.0	0.0	0.0	0.0	1,231.6
290+53 TO 290+63	48	10	53.3		57.6	0.0	3.0	4.5	0.0	0.0	0.0	0.0	7.5
IL 9													
9+01 TO 9+45	Varies	44	822.2		592.0	0.0	0.0	0.0	0.0	92.1	0.0	0.0	92.1
9+45 TO 9+99	Varies	54	549.9		395.9	0.0	0.0	0.0	0.0	61.6	0.0	0.0	61.6
9+99 TO 10+93	Varies	94	809.9		583.1	0.0	0.0	0.0	0.0	90.7	0.0	0.0	90.7
10+93 TO 12+90	72	197	1,576.0		1,134.7	0.0	0.0	0.0	0.0	176.5	0.0	0.0	176.5
12+90 TO 13+80	68	90	675.0		486.0	0.0	0.0	0.0	0.0	75.6	0.0	0.0	75.6
13+80 TO 14+51	See R.R. Crossing Schedule				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+51 TO 20+90	64	639	4,544.0		3,271.7	0.0	0.0	0.0	0.0	508.9	0.0	0.0	508.9
20+90 TO 21+00	68	10	75.6		54.4	0.0	0.0	0.0	0.0	8.5	0.0	0.0	8.5
21+00 TO 22+76	24	176	469.3		337.9	0.0	0.0	0.0	0.0	52.6	0.0	0.0	52.6
22+76 TO 22+86	24	10	26.7		19.2	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0
PEKIN ROAD													
+00 TO +90	Varies	90	234.5		168.8	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MILLER STREET													
+00 TO +38	Varies	38.0	120.4		86.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*** Additional 1/4" of surface course required for 6" at EOP joints (1-3/4" total) pave wide and joint trim from STA 198+96 to STA 239+74 in the 3/4" milling section. Tonnage included in 1-1/2" column													
LANE JTS 1-1/2" SURF CSE	0.5	96,175	5,343.1		3,847.0	0.0	0.0	448.8	0.0	0.0	0.0	0.0	448.8
LANE JTS 1-3/4" SURF CSE	0.5	6,876	382.0		275.0	0.0	0.0	37.4	0.0	0.0	0.0	0.0	37.4
LANE JTS 2" SURF CSE	0.5	6,778	376.6		271.1	0.0	0.0	0.0	0.0	42.2	0.0	0.0	42.2
SHOULDERS													
			See shoulder schedule		24,976.5	0.0	126.3	189.4	0.0	0.0	0.0	2,773.5	315.7
URBAN SUBTOTAL													
					170654.6	30.0	7178.6	12365.9	0.0	2764.4	19544.5		
RURAL SUBTOTAL													
					8438.4	0.0	341.4	512.1	0.0	9.6	853.5		
TOTALS													
					179,093	30	7,520	11,766.2	0.0	2,774	20,398		
								12,878					
								TON					

MODEL: D:\default
FILE: M:\MIS_C\Users\aubreyys\Desktop\68B67\0468867-2ht-qlbnc.dgn

USER NAME = aubreyys	DESIGNED -
DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -
PLOT DATE = 10/20/2017	DATE -

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES - SHOULDER QTYS (1 of 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	20
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS		FED. AID PROJECT		

LOCATION	SIDE	AVE WIDTH		LENGTH	AREA	HMA SURF REM		HMA SURF REM 2-1/4"	HMA SURF REM VAR DEPTH	POLY BIT MATLS (TACK CT)
		FT	FT			SQ YD	SQ YD			
US 24										
115+10	TO	117+53	RT	Varies	243	209.3	0.0	209.3	0.0	226.0
117+53	TO	123+08.25	RT	10	555	616.9	616.9	0.0	0.0	444.2
STA EQ 123+08.25 BK = 123+73.32 AH										
123+73.32	TO	128+88	RT	10	515	571.9	571.9	0.0	0.0	411.8
128+88	TO	131+31	RT	Varies	243	348.9	0.0	348.9	0.0	376.8
131+31	TO	157+97	RT	10	2,666	2,962.2	2,962.2	0.0	0.0	2,132.8
157+97	TO	163+36	RT	Varies	539	799.7	0.0	799.7	0.0	863.7
163+36	TO	198+96	RT	10	3,560	3,955.6	3,955.6	0.0	0.0	2,848.0
198+96	TO	223+03	RT	10	2,407	2,674.4	0.0	0.0	2,674.4	1,925.6
223+03	TO	225+54	RT	7	251	195.2	0.0	0.0	195.2	140.5
225+54	TO	227+77	RT	4	223	99.1	0.0	0.0	99.1	71.4
229+33	TO	239+74	RT	10	1,041	1,156.7	0.0	0.0	1,156.7	832.8
239+74	TO	267+77	RT	10	2,803	3,114.4	3,114.4	0.0	0.0	2,242.4
267+77	TO	271+20	RT	Varies	343	402.2	0.0	402.2	0.0	434.4
271+20	TO	273+04	RT	8	184	163.6	163.6	0.0	0.0	117.8
273+04	TO	275+31	RT	Varies	227	226.9	0.0	226.9	0.0	245.1
275+31	TO	284+82	RT	8	951	845.3	845.3	0.0	0.0	608.6
284+82	TO	287+08	RT	Varies	226	268.2	0.0	268.2	0.0	289.7
287+08	TO	290+63	RT	4	355	157.8	157.8	0.0	0.0	113.6
125+11	TO	133+81	LT	8	870	773.3	773.3	0.0	0.0	556.8
133+81	TO	134+57	LT	9	76	76.0	76.0	0.0	0.0	54.7
136+80	TO	137+61	LT	9	81	81.0	81.0	0.0	0.0	58.3
137+61	TO	141+88	LT	8	427	379.6	379.6	0.0	0.0	273.3
141+88	TO	142+79	LT	9	91	91.0	91.0	0.0	0.0	65.5
145+87	TO	146+80	LT	9	93	93.0	93.0	0.0	0.0	67.0
146+80	TO	160+44	LT	8	1,364	1,212.4	1,212.4	0.0	0.0	872.9
160+44	TO	163+60	LT	10	316	351.1	351.1	0.0	0.0	252.8
163+60	TO	198+96	LT	8	3,536	3,143.1	3,143.1	0.0	0.0	2,263.0
198+96	TO	219+22	LT	9	2,026	2,026.0	0.0	0.0	2,026.0	1,458.7
220+62	TO	223+22	LT	4	260	115.6	0.0	0.0	115.6	83.2
223+22	TO	225+72	LT	7	250	194.4	0.0	0.0	194.4	140.0
225+72	TO	239+74	LT	9	1,402	1,402.0	0.0	0.0	1,402.0	1,009.4
239+74	TO	267+94	LT	8	2,820	2,506.7	2,506.7	0.0	0.0	1,804.8
267+94	TO	271+24	LT	6	330	220.0	220.0	0.0	0.0	158.4
271+24	TO	279+20	LT	4	796	353.8	353.8	0.0	0.0	254.7
282+82	TO	285+89	LT	5	307	170.6	170.6	0.0	0.0	122.8
285+89	TO	287+53	LT	7	164	127.6	127.6	0.0	0.0	91.9
287+53	TO	290+63	LT	8	310	275.6	275.6	0.0	0.0	198.4
IL 9										
14+51	TO	22+86	RT	8	835	742.2	0.0	0.0	742.2	534.4
15+84	TO	21+00	LT	8	516	458.7	0.0	0.0	458.7	330.3

TOTALS				22,242.5	2,255.2	9,064.3	24,976.5
				SQ YD	SQ YD	SQ YD	POUND

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DATE	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES - SHOULDER QTYS (2 of 2)

SCALE: SHEET OF SHEETS STA. TO STA.

LOCATION	SIDE	AVE WIDTH FT	LENGTH FT	AREA SQ YD	POLY LVL BNDR (MM) IL-4.75 N50.1"	HMA SURF "D" N70 1-1/2"		HMA SHLDRS		MATERIAL TRANSFER DEVICE TON		
						TON	TON	1-1/2"	2"			
US 24												
115+10	TO	117+53	RT	Varies	243	209.3	11.7	17.6	0.0	0.0	0.0	29.3
117+53	TO	123+08.25	RT	10	555	616.9	0.0	0.0	51.8	0.0	0.0	0.0
STA EQ 123+08.25 BK = 123+73.32 AH												
123+73.32	TO	128+88	RT	10	515	571.9	0.0	0.0	48.0	0.0	0.0	0.0
128+88	TO	131+31	RT	Varies	243	348.9	19.5	29.3	0.0	0.0	0.0	48.8
131+31	TO	157+97	RT	10	2,666	2,962.2	0.0	0.0	248.8	0.0	0.0	0.0
157+97	TO	163+36	RT	Varies	539	799.7	44.8	67.2	0.0	0.0	0.0	112.0
163+36	TO	198+96	RT	10	3,560	3,955.6	0.0	0.0	332.3	0.0	0.0	0.0
198+96	TO	223+03	RT	10	2,407	2,674.4	0.0	0.0	0.0	262.1	0.0	0.0
223+03	TO	225+54	RT	7	251	195.2	0.0	0.0	0.0	19.1	0.0	0.0
225+54	TO	227+77	RT	4	223	99.1	0.0	0.0	0.0	9.7	0.0	0.0
229+33	TO	239+74	RT	10	1,041	1,156.7	0.0	0.0	0.0	113.4	0.0	0.0
239+74	TO	267+77	RT	10	2,803	3,114.4	0.0	0.0	261.6	0.0	0.0	0.0
267+77	TO	271+20	RT	Varies	343	402.2	22.5	33.8	0.0	0.0	0.0	56.3
271+20	TO	273+04	RT	8	184	163.6	0.0	0.0	13.7	0.0	0.0	0.0
273+04	TO	275+31	RT	Varies	227	226.9	12.7	19.1	0.0	0.0	0.0	31.8
275+31	TO	284+82	RT	8	951	845.3	0.0	0.0	71.0	0.0	0.0	0.0
284+82	TO	287+08	RT	Varies	226	268.2	15.0	22.5	0.0	0.0	0.0	37.5
287+08	TO	290+63	RT	4	355	157.8	0.0	0.0	13.3	0.0	0.0	0.0
125+11	TO	133+81	LT	8	870	773.3	0.0	0.0	65.0	0.0	0.0	0.0
133+81	TO	134+57	LT	9	76	76.0	0.0	0.0	6.4	0.0	0.0	0.0
136+80	TO	137+61	LT	9	81	81.0	0.0	0.0	6.8	0.0	0.0	0.0
137+61	TO	141+88	LT	8	427	379.6	0.0	0.0	31.9	0.0	0.0	0.0
141+88	TO	142+79	LT	9	91	91.0	0.0	0.0	7.6	0.0	0.0	0.0
145+87	TO	146+80	LT	9	93	93.0	0.0	0.0	7.8	0.0	0.0	0.0
146+80	TO	160+44	LT	8	1,364	1,212.4	0.0	0.0	101.8	0.0	0.0	0.0
160+44	TO	163+60	LT	10	316	351.1	0.0	0.0	29.5	0.0	0.0	0.0
163+60	TO	198+96	LT	8	3,536	3,143.1	0.0	0.0	264.0	0.0	0.0	0.0
198+96	TO	219+22	LT	9	2,026	2,026.0	0.0	0.0	0.0	198.5	0.0	0.0
220+62	TO	223+22	LT	4	260	115.6	0.0	0.0	0.0	11.3	0.0	0.0
223+22	TO	225+72	LT	7	250	194.4	0.0	0.0	0.0	19.1	0.0	0.0
225+72	TO	239+74	LT	9	1,402	1,402.0	0.0	0.0	0.0	137.4	0.0	0.0
239+74	TO	267+94	LT	8	2,820	2,506.7	0.0	0.0	210.6	0.0	0.0	0.0
267+94	TO	271+24	LT	6	330	220.0	0.0	0.0	18.5	0.0	0.0	0.0
271+24	TO	279+20	LT	4	796	353.8	0.0	0.0	29.7	0.0	0.0	0.0
282+82	TO	285+89	LT	5	307	170.6	0.0	0.0	14.3	0.0	0.0	0.0
285+89	TO	287+53	LT	7	164	127.6	0.0	0.0	10.7	0.0	0.0	0.0
287+53	TO	290+63	LT	8	310	275.6	0.0	0.0	23.2	0.0	0.0	0.0
IL 9												
14+51	TO	22+86	RT	8	835	742.2	0.0	0.0	0.0	0.0	83.1	0.0
15+84	TO	21+00	LT	8	516	458.7	0.0	0.0	0.0	0.0	51.4	0.0

TOTALS		126.3	189.4	1,868.4	770.6	134.5	315.7
		TON	TON	TON	TON	TON	TON
		2,773.5 TON					

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	21
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS		FED. AID PROJECT		

MODIFIED URETHANE & TEMPORARY PAVEMENT MARKINGS																		
STATION	TO	STATION	LENGTH	WHITE		YELLOW			WHITE			WHITE		WHITE	YELLOW	WHITE	LTR & SYM	
				SOLID 4"		SOLID	DOUBLE YELLOW 4"		SKIP	SOLID	SKIP 6"		SOLID	SKIP	SOLID	SOLID		SOLID
				(FOOT)		(FOOT)	(FOOT)		(FOOT)	(FOOT)	(FOOT)		(FOOT)	(FOOT)	(FOOT)	(FOOT)		(FOOT)
				FEET	LT	RT	4"	LENGTH	TOTAL	4"	6"	LT	RT	8"	8"	12"		12"
US 24																		
Ped Xing Signal Removal (74+10)			8	0	0	0	8	16	0	0	0	0	8	0	0	0	0	0
75+37	to	79+80	443	0	0	0	624	1,248	0	0	111	111	228	0	0	95	0	78.0
79+80	to	81+84	204	0	0	0	115	230	0	0	20	30	1,170	0	144	0	135	46.8
81+84	to	84+63	279	0	0	0	457	914	0	0	70	70	102	0	0	78	0	31.2
84+63	to	88+57	394	0	0	0	721	1,442	0	0	99	99	0	0	0	190	0	0
88+57	to	115+00	2,643	0	0	0	2,643	5,286	0	0	661	661	0	0	0	0	0	0
115+00	to	117+85	285	0	100	0	236	472	0	0	71	71	65	0	0	0	14	15.6
117+85	to	123+08	523	0	523	0	1,046	2,092	0	0	131	131	0	0	0	0	0	0
123+73	to	128+87	514	430	514	0	1,028	2,056	0	0	129	129	0	0	0	0	0	0
128+87	to	131+32	245	245	243	0	430	860	0	0	61	61	112	0	0	0	11	31.2
131+32	to	157+97	2,665	2,665	2,665	0	4,940	9,880	0	0	666	666	0	0	0	0	0	0
157+97	to	163+36	539	539	518	0	919	1,838	0	0	135	135	222	0	0	0	15	46.8
163+36	to	206+47	4,311	4,311	4,311	0	8,554	17,108	0	0	1,078	1,078	0	0	0	0	0	0
206+47	to	239+74	3,327	3,197	3,170	0	6,146	12,292	0	0	832	832	987	0	0	1,372	0	234.0
239+74	to	267+77	2,803	2,803	2,803	0	5,542	11,084	0	0	701	701	0	0	0	0	0	0
267+77	to	277+58	981	983	862	0	1,750	3,500	0	0	245	245	844	83	0	332	18	78.0
277+58	to	290+63	1,305	2,182		2,524	0	0	0	1,228	306	306	2,135	0	294	0	190	186.0
IL 9																		
10+23	to	14+05	382	0	0	594	210	420	145	0	96	96	290	0	0	114	145	399.6
14+25	to	21+00	675	530	625	0	1,364	2,728	0	0	169	169	0	0	0	132	72	122.4
21+00	to	22+86	186	0	186	186	0	0	0	0	0	47	0	0	0	0	0	0
PEKIN ROAD																		
+00		+90	90	85	114	0	0	0	0	0	0	0	0	0	0	0	13	0

SUBTOTAL 1	34,604	3,304	N/A	73,466	145	1,228	11,214	6,155	83	438	2,313	613	1,270
SUBTOTAL 2	34,604	76,915			12,442			6,238	438	2,313	613	1,270	

URBAN SUBTOTAL	107,392				12,442		5,823	2,751	537	1,223
RURAL SUBTOTAL	4,127				0		415	0	76	47
TOTAL	111,519				12,442		6,238	2,751	613	1,270

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PLOT DATE = 10/20/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	22
** FAP 317: FAP 693		CONTRACT NO. 68B67		
		ILLINOIS	FED. AID PROJECT	

GROOVING FOR RECESSED PAVEMENT MARKING						
LOCATION	LETTERS, NUMBERS, & SYMBOLS	5"	7"	9"	13"	25"
	SQ FT	FOOT				
US 24	2,060.6	105,906.0	10,638.5	5,955.5	2,505.0	383.0
IL 9	834.2	5,414.0	575.0	290.0	246.0	217.0
PEKIN RD	0.0	199.0	0.0	0.0	0.0	13.0
URBAN SUBTOTALS	2848	107,392	11,214	5,831	2,751	537
RURAL SUBTOTALS	47	4127	0	415	0	76
TOTAL	2,895	111,519	11,214	6,246	2,751	613

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DA
S END US 24	150
N END US 24	150
IL 9	150
PFEIFFER RD	150
URBAN SUBTOTAL (90%)	540
RURAL SUBTOTAL (10%)	60
TOTAL	600

RUMBLE STRIPS 8"				
LOCATION		SIDE	LENGTH	
			FT	
US 24				
117+53	TO	123+08	RT	555
STA EQ 123+08.25 BK = 123+73.32 AH				
123+73	TO	128+88	RT	515
131+31	TO	133+95	RT	264
134+57	TO	148+90	RT	1,433
149+38	TO	153+35	RT	397
154+15	TO	157+97	RT	382
163+36	TO	196+49	RT	3,313
197+40	TO	223+03	RT	2,563
229+35	TO	248+70	RT	1,935
249+30	TO	267+77	RT	1,847
271+20	TO	273+04	RT	184
275+31	TO	284+82	RT	951
287+15	TO	290+63	RT	348
125+11	TO	133+81	LT	870
134+57	TO	136+80	LT	223
137+61	TO	141+87	LT	426
142+79	TO	145+86	LT	307
146+80	TO	160+44	LT	1,364
160+88	TO	162+96	LT	208
163+61	TO	210+62	LT	4,701
211+85	TO	219+21	LT	736
225+72	TO	267+94	LT	4,222
287+53	TO	290+63	LT	310
IL 9				
14+51	TO	22+86	RT	835
15+85	TO	21+00	LT	515
URBAN SUBTOTAL				28,293
RURAL SUBTOTAL				1,111
TOTAL				29,404
				FEET

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION		EACH		
STATION	TO	STATION	CRYSTAL	AMBER
US 24				
75+37	to	123+08.25 (BK)	146	164
123+73.32 (AH)	to	290+63	531	771
IL 9				
8+73	to	22+86	37	59
SUBTOTAL			714	994
URBAN SUBTOTAL			1,664	
RURAL SUBTOTAL			44	
TOTAL			1,708	

MOBILIZATION	
LOCATION	L SUM
URBAN SUBTOTAL	0.9
RURAL SUBTOTAL	0.1
TOTAL	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
LOCATION			EACH
STATION	TO	STATION	
US 24			
75+37	to	123+08.25 (BK)	310
123+73.32 (AH)	to	290+63	1302
IL 9			
8+73	to	22+86	96
URBAN SUBTOTAL			1,664
RURAL SUBTOTAL			44
TOTAL			1,708

FRAMES AND LIDS, TYPE 1, CLOSED LID		
LOCATION	O/S	EACH
US 24		
116+00	RT	1.0
TOTAL		1.0

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
URBAN SUBTOTAL	5.4
RURAL SUBTOTAL	0.6
TOTAL	6

*Includes the cost of removal and disposal of existing frame & lid

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	23
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	
LOCATION	L SUM
URBAN SUBTOTAL	0.9
RURAL SUBTOTAL	0.1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

RAILROAD PROTECTIVE LIABILITY INSURANCE	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	
LOCATION	L SUM
URBAN SUBTOTAL	0.9
RURAL SUBTOTAL	0.1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
JOBSITE	15
TOTAL	15

GRADING AND SHAPING DITCHES				
LOCATION	O/S	FOOT		
US 24				
161+50	TO	163+00	RT	110.0
163+00	TO	164+50	RT	120.0
TOTAL				230.0

CONSTRUCTION LAYOUT	
LOCATION	L SUM
URBAN SUBTOTAL	0.9
RURAL SUBTOTAL	0.1
TOTAL	1

SHORT TERM PAVEMENT MARKING				
STATION	TO	STATION	MAINLINE	SHOULDERS
			(FOOT)	(FOOT)
US 24				
75+37	to	290+63	7,115	2,712
IL 9				
9+01	to	22+86	2,540	56
SUBTOTAL			9,655	2,768
URBAN SUBTOTAL			11,926	
RURAL SUBTOTAL			497	
TOTAL			12,423	

SHORT TERM PAVEMENT MARKING REMOVAL				
STATION	TO	STATION	MAINLINE	SHOULDERS
			(SQ FT)	(SQ FT)
US 24				
75+37	to	290+63	2,419	922
IL 9				
9+01	to	22+86	864	19
SUBTOTAL			3,283	941
URBAN SUBTOTAL			4,055	
RURAL SUBTOTAL			169	
TOTAL			4,224	

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	DRAWN -	REVISED -
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PLOT DATE = 10/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	24
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

IL 9 UNION PACIFIC RAILROAD CROSSING SCHEDULE											
LOCATION			PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	EARTH EXCAVATION	GEOTECHNICAL REINFORCEMENT	SUBBASE GRANULAR MATERIAL, TYPE A	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	WELDED WIRE REINFORCEMENT
IL 9			SQ YD	FOOT	CU YD	SQ YD	TON	SQ YD	FOOT	SQ YD	SQ YD
13+80	TO	14+51	442.0	66.5	155	369	14.0	369	99.3	418	418
TOTAL			442.0	66.5	155	369	14.0	369	99.3	418	418

* Subbase Granular Material Type A (Ton) contingency to establish bottom grade if pavement removal leaves void

** Pavement removal includes shoulder at SE corner of crossing

ADA RAMP CONSTRUCTION AND WORK AT PEDESTRIAN SIGNAL REMOVAL										
LOCATION		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	ISLAND REMOVAL	COMB. CC&G , TYPE B-6.24	COMB. CC&G , TYPE B-6.06	PCC BASE COURSE 13"	PAVEMENT REMOVAL
STREET	DESCRIPTION									
Ped Xing	West Side	75	0	15	75	0	15	0	0	0
	East Side	166.3	0	40.3	166.3	0	40.3	0	0	0
Pfeiffer Rd.	N.W. CORNER	144.5	29.6	30.3	151.7	0	30.3	0	3.6	3.6
	N.E. CORNER	186.2	23.5	37.9	158.3	0	37.9	0	4.3	4.3
	S.W. CORNER	145.5	16	20.4	173.5	0	20.4	0	2.4	2.4
	S.E. CORNER	197.0	24.7	37.4	182.4	0	37.4	0	4.5	4.5
	S.W. ISLAND	163.9	30	18	0	163.9	12	6	20.2	2
Miller St.	N.W. CORNER	90.1	22.6	24.5	77.3	0	24.5	0	2.4	2.4
TOTAL		927.5	147	168.5	743.5	164	162.5	6	38	19.2

PAVEMENT REMOVAL	
LOCATION	SQ YD
ADA RAMPS	19.2
RAILROAD XING	442
TOTAL	462

COMB. CURB & GUTTER REMOVAL	
LOCATION	FOOT
ADA RAMPS	168.5
RAILROAD XING	66.5
TOTAL	235

COMB. CURB & GUTTER, TYPE B-6.24	
LOCATION	FOOT
ADA RAMPS	162.5
RAILROAD XING	99.3
TOTAL	262

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PLOT DATE = 10/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	25
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

PAVT MARKING REMOVAL - WATER BLASTING			
Station	to	Station	SQ FT
US 24			
PED XING REMOVAL			157
75+37	to	80+12	323
81+32	to	123+08	2,840
123+73	to	277+58	10,462
SUBTOTAL			13,782
10% Contingency			1,378
TOTAL			15,160

LOCATION	GUARDRAIL REMOVAL	TR BAR TRM T1 SPL TAN	TERMINAL MARKER - DA	GRDRAIL REF TYPE A	GDRL AGG EROS CONT	SPBGR TY A 6FT POSTS	TREE REMOV 6-15
	FOOT	EACH	EACH	EACH	TON	FEET	UNIT
PEKIN ROAD	135.0	2.0	2.0	2.0	29	112.5	8.0
TOTAL	135.0	2.0	2.0	2.0	29	112.5	8.0

TUBULAR MARKERS			
LOCATION		EACH	
		YELLOW	WHITE
PFEIFFER RD	N.W. ISLAND	0	3
	S.W. ISLAND	0	3
TUSCARORA RD	W. ISLAND	0	3
US 24 MEDIAN NOSES	STA. 277+58	1	0
	STA. 280+88	1	0
IL ROUTE 9	N. ISLAND	0	4
	S. ISLAND	0	3
	MEDIAN NOSES	2	0
URBAN SUBTOTAL		4	16
URBAN TOTAL		20	
US 24 MEDIAN NOSES	STA. 282+00	1	0
	STA. 286+40	1	0
	STA. 287+00	1	0
RURAL SUBTOTAL		3	0
RURAL TOTAL		3	
TOTAL		20	

TEMPORARY RAMP	
LOCATION	SQ YD
Pfeiffer Road Butt Joint **	49
Illinois Ave Butt Joint **	35
Pfeiffer Road Intersection **	89
AutoLink Entrance	14
Grain Silo Frontage Road	18
Miller/Trotter Street	12
Private Drive North	18
Private Drive South	18
Mendenhall Road	18
Old US 24	9
Cilco Lane	18
Tuscarora Road	38
Hurst Drive	9
Pekin Road	9
Summit Drive	9
IL 9 Gas	18
IL 9 Auto	14
IL 9 Intersection **	89
Miscellaneous Entrances	23
TOTAL	507

PAVEMENT MARKING TAPE, TYPE IV 4"				
Station	to	Station	Length	Length X 2
US 24				(2 Lines)
			(FOOT)	(FOOT)
75+37	to	80+12	475	950
81+32	to	123+08	4,176	8,352
123+73	to	277+58	15,385	30,770
SUBTOTAL				40,072
10% Contingency				4,007
TOTAL				44,079

** On milled & leveling binder surfaces

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	26
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

EXIST. CURVE US24EXCL8
 PI STA. = 76+98.27
 $\Delta = 24^\circ 44' 11''$ (LT)
 $D = 1^\circ 25' 18''$
 $R = 4,029.99'$
 $T = 883.71'$
 $L = 1,739.87'$
 $E = 95.75'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 68+14.56
 P.T. STA. = 85+54.44

POT Sta 65+92.69
 PC Sta 68+14.56

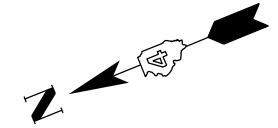
PI Sta 85+54.44
 PC Sta 87+29.79
 PI Sta 96+40.35

EXIST. CURVE US24EXCL7
 PI STA. = 96+40.35
 $\Delta = 24^\circ 34' 04''$ (RT)
 $D = 1^\circ 22' 12''$
 $R = 4,181.83'$
 $T = 910.56'$
 $L = 1,793.12'$
 $E = 97.98'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 87+29.79
 P.T. STA. = 105+22.91

EQUATION:
 Sta 123+08.25 BK = Sta 123+73.32 AH

EXIST. CURVE US24EXCL6
 PI STA. = 115+83.95
 $\Delta = 0^\circ 37' 04''$ (RT)
 $D = 0^\circ 02' 34''$
 $R = 134,370.54'$
 $T = 724.31'$
 $L = 1,448.61'$
 $E = 1.95'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 108+59.64
 P.T. STA. = 123+08.25

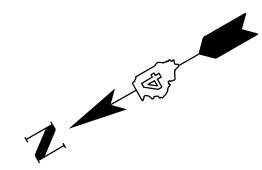
EXIST. CURVE US24EXCL5
 PI STA. = 149+15.20
 $\Delta = 0^\circ 42' 47''$ (LT)
 $D = 0^\circ 03' 48''$
 $R = 90,307.72'$
 $T = 561.86'$
 $L = 1,123.71'$
 $E = 1.75'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 143+53.33
 P.T. STA. = 154+77.05



EXIST. CURVE US24EXCL1
 PI STA. = 287+23.87
 $\Delta = 13^\circ 22' 42''$ (RT)
 $D = 1^\circ 54' 02''$
 $R = 3,014.73'$
 $T = 353.57'$
 $L = 703.92'$
 $E = 20.66'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 283+70.30
 P.T. STA. = 290+74.22

PC Sta 181+48.40

EXIST. CURVE US24EXCL4
 PI STA. = 190+67.79
 $\Delta = 17^\circ 43' 05''$ (RT)
 $D = 0^\circ 58' 17''$
 $R = 5,898.69'$
 $T = 919.39'$
 $L = 1,824.11'$
 $E = 71.22'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 181+48.40
 P.T. STA. = 199+72.51



EXIST. CURVE US24EXCL3
 PI STA. = 241+83.80
 $\Delta = 2^\circ 49' 16''$ (LT)
 $D = 0^\circ 19' 13''$
 $R = 17,882.62'$
 $T = 440.33'$
 $L = 880.47'$
 $E = 5.42'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 237+43.47
 P.T. STA. = 246+23.94

EXIST. CURVE US24EXCL2
 PI STA. = 260+66.46
 $\Delta = 12^\circ 52' 38''$ (RT)
 $D = 0^\circ 59' 44''$
 $R = 5,755.75'$
 $T = 649.53'$
 $L = 1,293.60'$
 $E = 36.53'$
 $e =$ _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 254+16.93
 P.T. STA. = 267+10.53

PC Sta 283+70.30
 PI Sta 287+23.87
 PT Sta 290+74.22
 POT Sta 290+82.64
 POT Sta 293+02.84

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

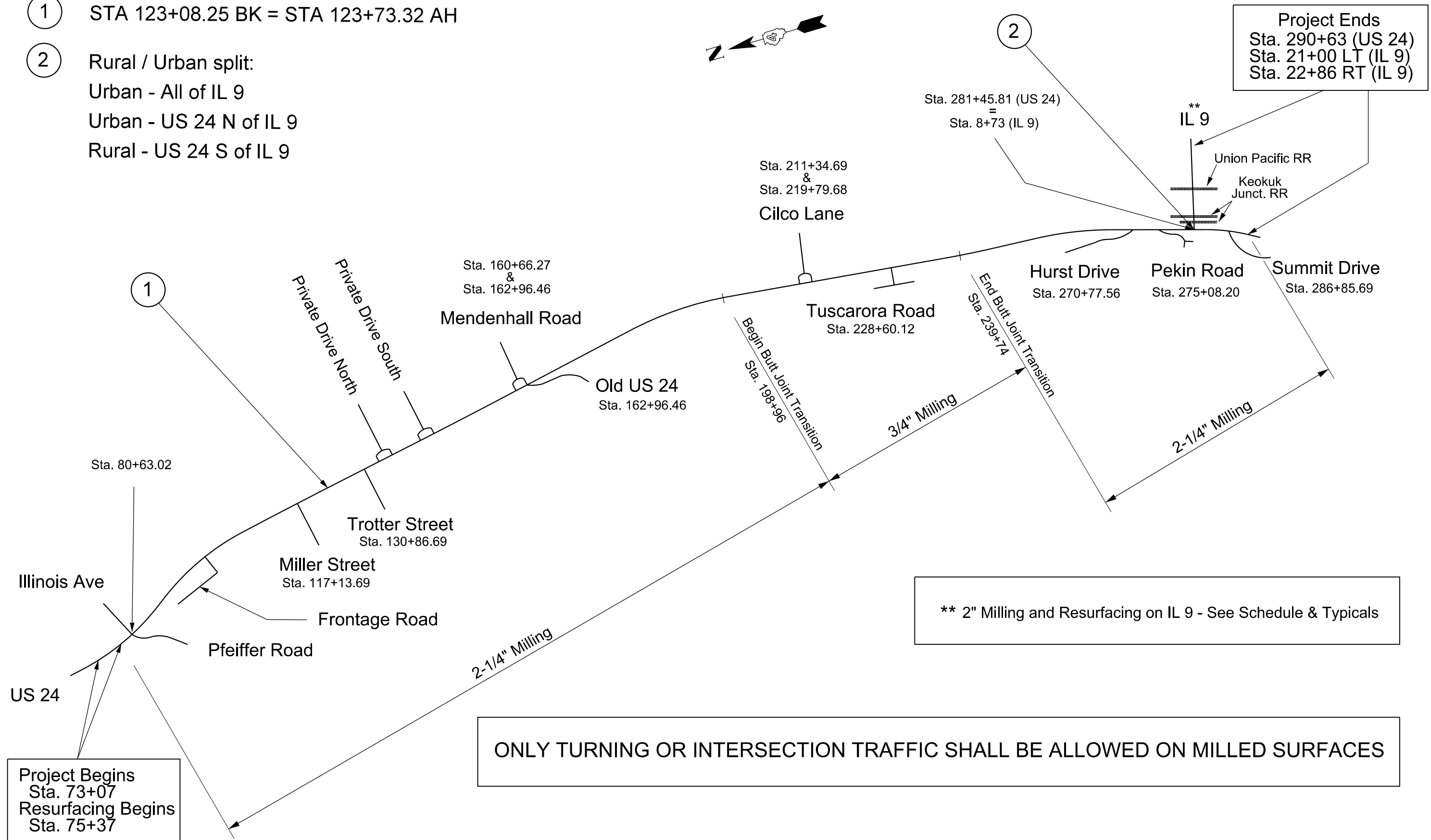
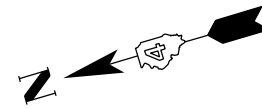
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	27
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

NOTES:

- ① STA 123+08.25 BK = STA 123+73.32 AH
- ② Rural / Urban split:
 Urban - All of IL 9
 Urban - US 24 N of IL 9
 Rural - US 24 S of IL 9



**** 2" Milling and Resurfacing on IL 9 - See Schedule & Typicals**

ONLY TURNING OR INTERSECTION TRAFFIC SHALL BE ALLOWED ON MILLED SURFACES

**Project Begins
Sta. 73+07
Resurfacing Begins
Sta. 75+37**

**Project Ends
Sta. 290+63 (US 24)
Sta. 21+00 LT (IL 9)
Sta. 22+86 RT (IL 9)**

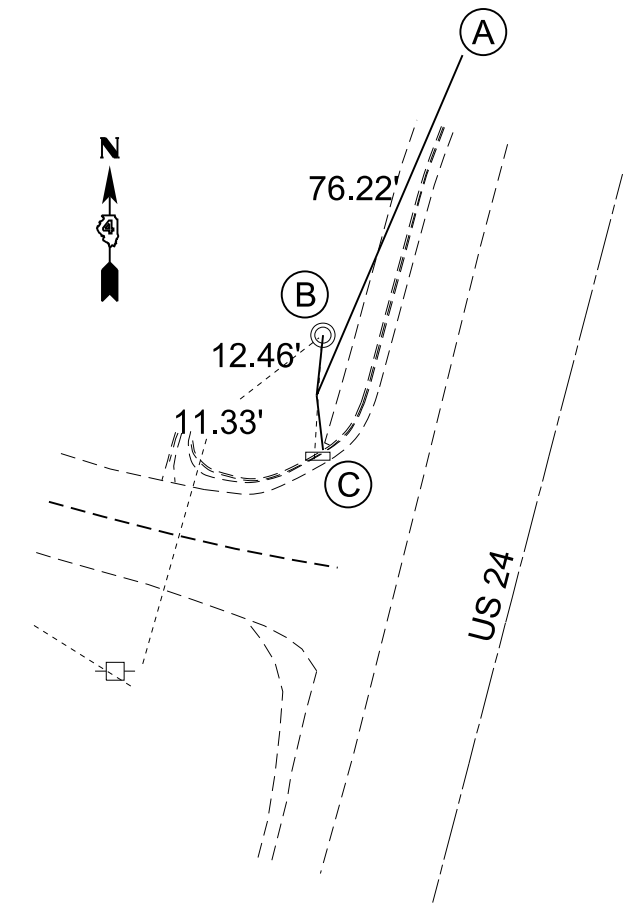
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SURVEY BOOK #2991
 ILSPC83W ('11)
 NAVD88
 GEOID12A
 COMB FACT 0.999950

B.M. 901 CHISLED "□" ON S.W. CORNER OF
 GUTTER OUTLET MILER ST.
 STA 9+24 10.3' LT US 24
 ELEV. 457.55
 B.M. 902 PT. 12 (AS SHOWN ON THIS PAGE)

TIES TO PT. 10
 10 IN. SPIKE FLUSH
 N 1443671.595
 E 2439195.052
 ELEV. 459.985
 STA 116+74.58
 OFF 49.0637' RT

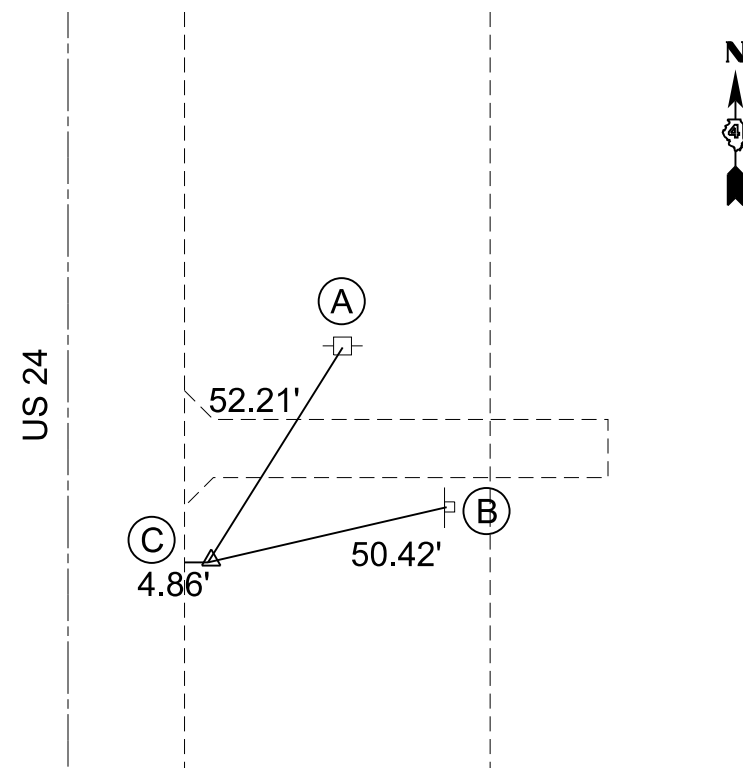
PT. A
 INLET
 PT. B
 MANHOLE
 PT. C
 INLET



NOT TO SCALE

TIES TO PT. 11
 10 IN. SPIKE FLUSH
 N 1445339.596
 E 2439670.241
 ELEV. 470.208
 STA 99+42.54
 OFF 29.1193' LT

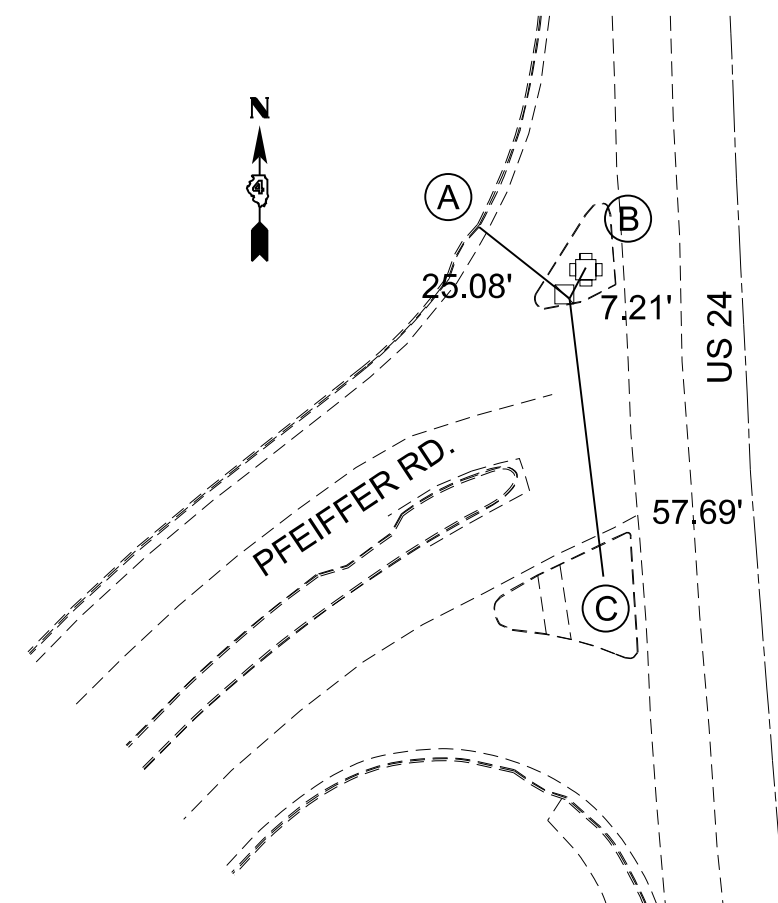
PT. A
 CENTER OF POWER POLE
 PT. B
 RR X-ING SIGN POST
 PT. C
 BACK OF CURB



NOT TO SCALE

TIES TO PT. 12
 CHIS " + " ON S.E. CORNER OF
 HANDHOLE CASTING
 N 1447221.161
 E 2439477.571
 ELEV. 488.683
 STA 80+51.36
 OFF 41.6348' RT

PT. A
 N.E. CORNER OF INLET CASTING
 PT. B
 CENTER OF STOP LIGHT POLE
 PT. C
 CENTER OF SIGNAL MASTARM
 POLE



NOT TO SCALE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BENCHMARKS AND TIES

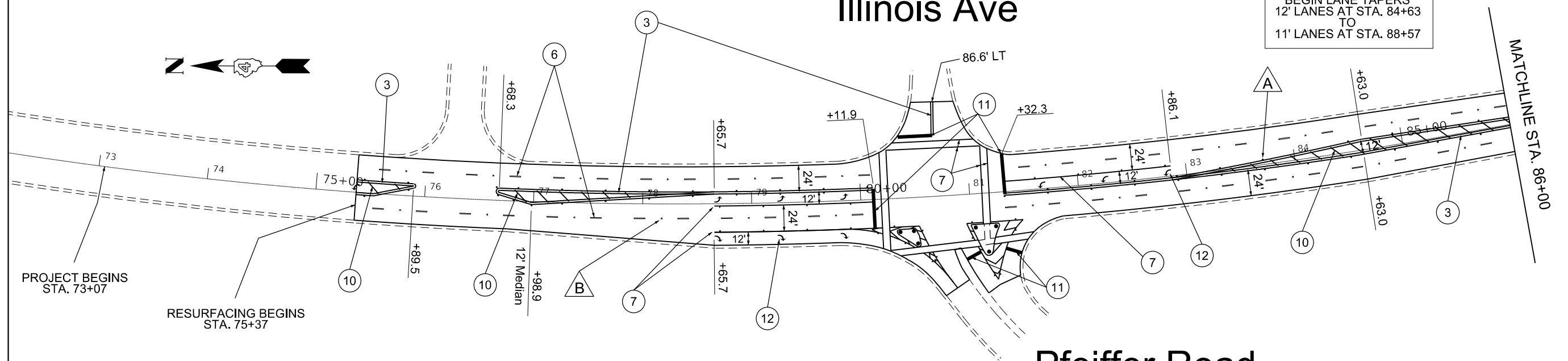
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**	(46-1)RS-9; (LRS-6)	PEORIA	73	29
** FAP 317; FAP 693		CONTRACT NO. 68B67		

SCALE: SHEET OF SHEETS STA. TO STA.

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Illinois Ave

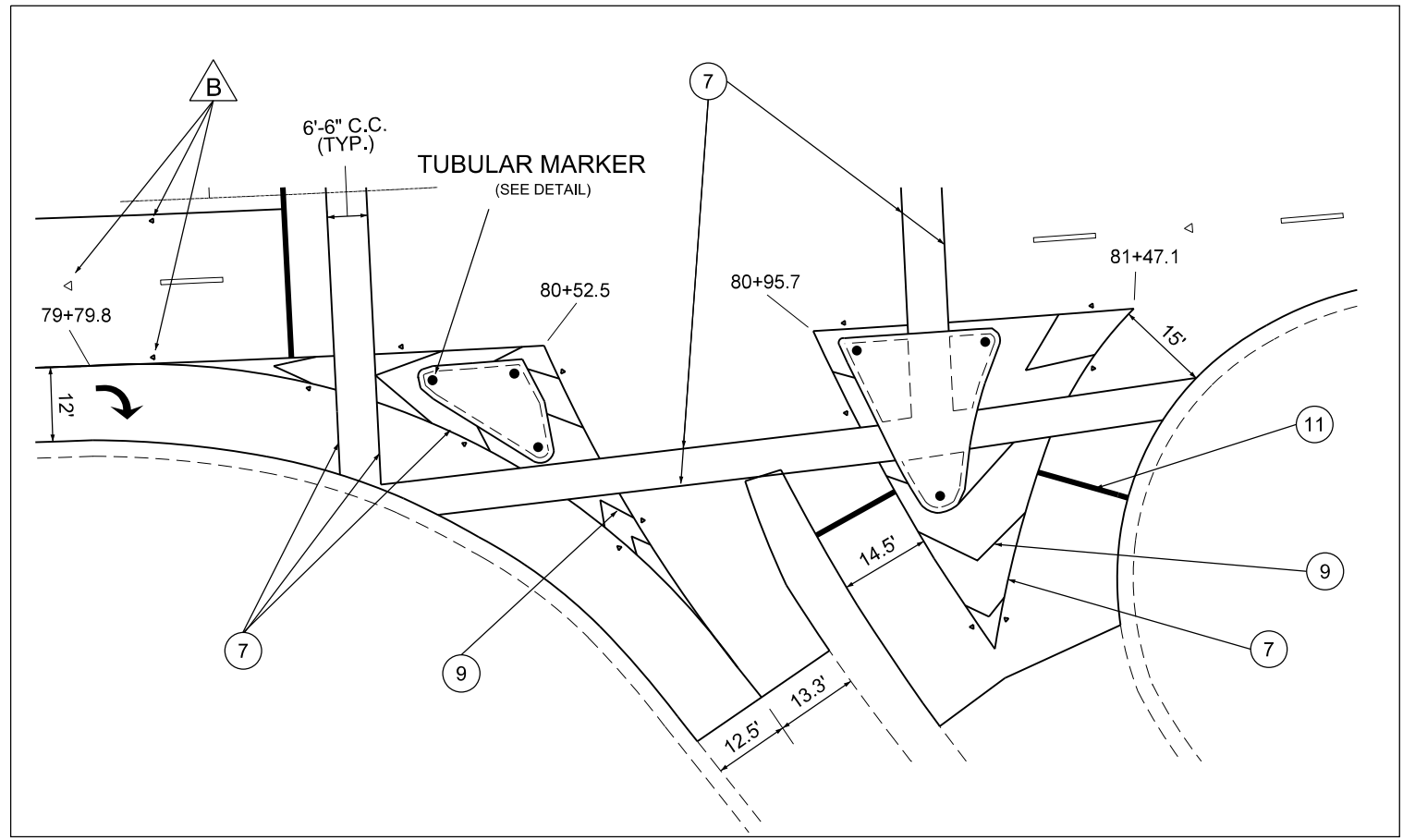
BEGIN LANE TAPERS
12' LANES AT STA. 84+63
TO
11' LANES AT STA. 88+57



PROJECT BEGINS
STA. 73+07

RESURFACING BEGINS
STA. 75+37

Pfeiffer Road



Pfeiffer Road Detail

LEGEND

- ① WHITE 4" SOLID LINE
- ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP
- ⑦ WHITE 8" SOLID LINE
- ⑩ YELLOW 12" SOLID LINE
- ② YELLOW 4" SOLID LINE
- ⑤ WHITE 6" SOLID LINE
- ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP
- ⑪ WHITE 24" SOLID LINE (STOP BAR)
- ③ DOUBLE YELLOW 4" SOLID LINE
- ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP
- ⑨ WHITE 12" SOLID LINE
- ⑫ WHITE LETTER & SYMBOLS
- △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER
- △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL

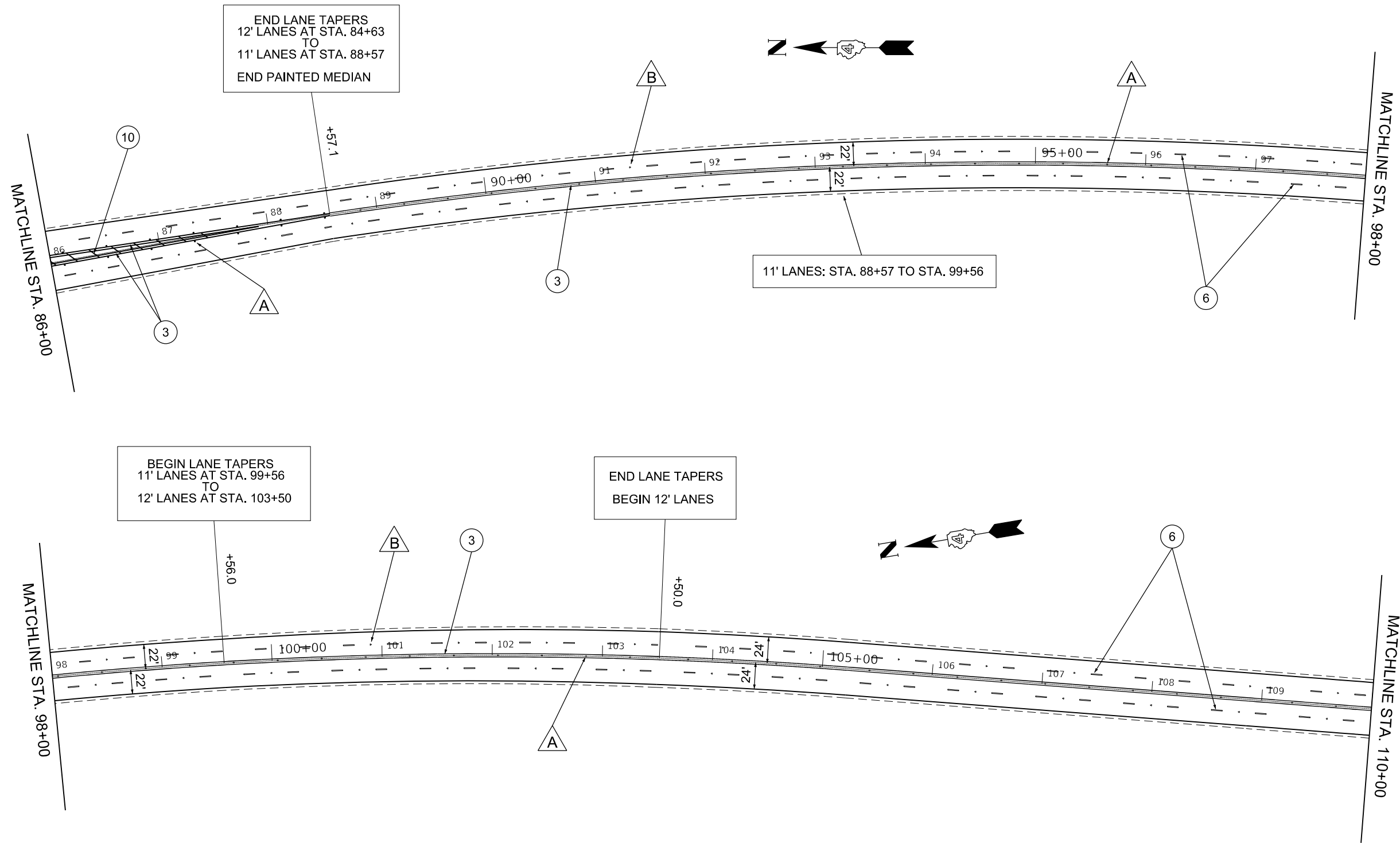
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	30
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |

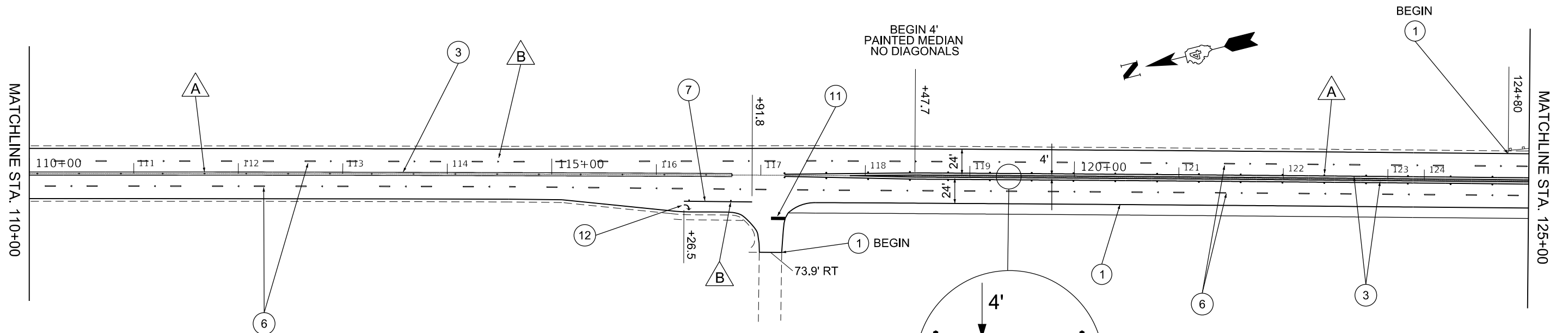
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PLOT DATE = 10/20/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

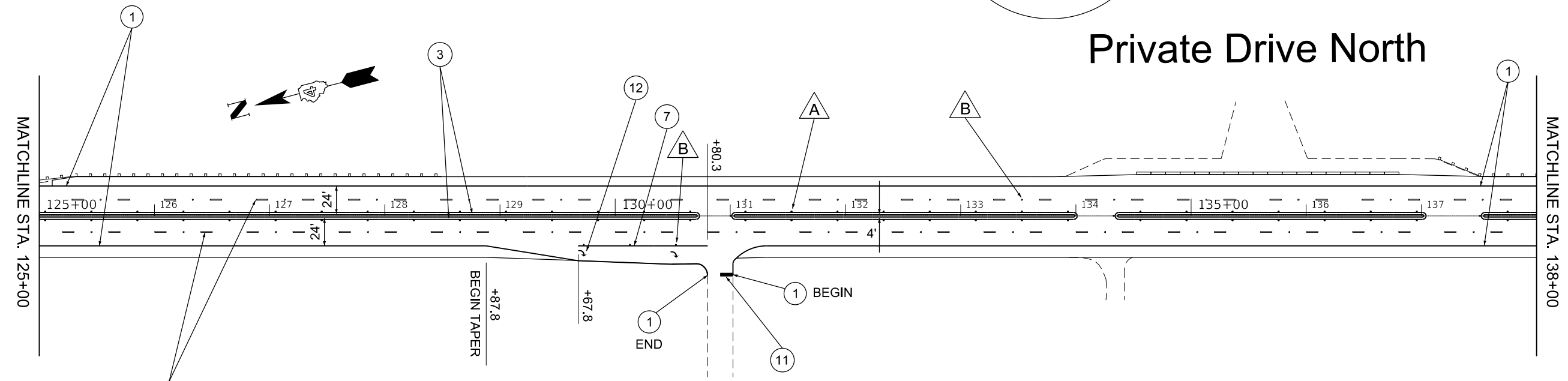
PAVEMENT MARKINGS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	31
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



Miller Street

STA 123+08.25 BK = STA 123+73.32 AH



Trotter Street

LEGEND

- ① WHITE 4" SOLID LINE
- ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP
- ⑦ WHITE 8" SOLID LINE
- ⑩ YELLOW 12" SOLID LINE
- ② YELLOW 4" SOLID LINE
- ⑤ WHITE 6" SOLID LINE
- ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP
- ⑪ WHITE 24" SOLID LINE (STOP BAR)
- ③ DOUBLE YELLOW 4" SOLID LINE
- ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP
- ⑨ WHITE 12" SOLID LINE
- ⑫ WHITE LETTER & SYMBOLS
- △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER
- △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL

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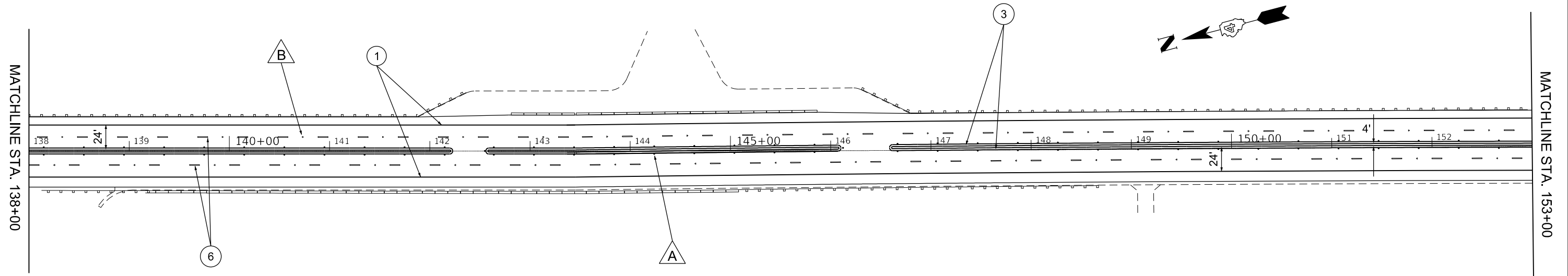
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

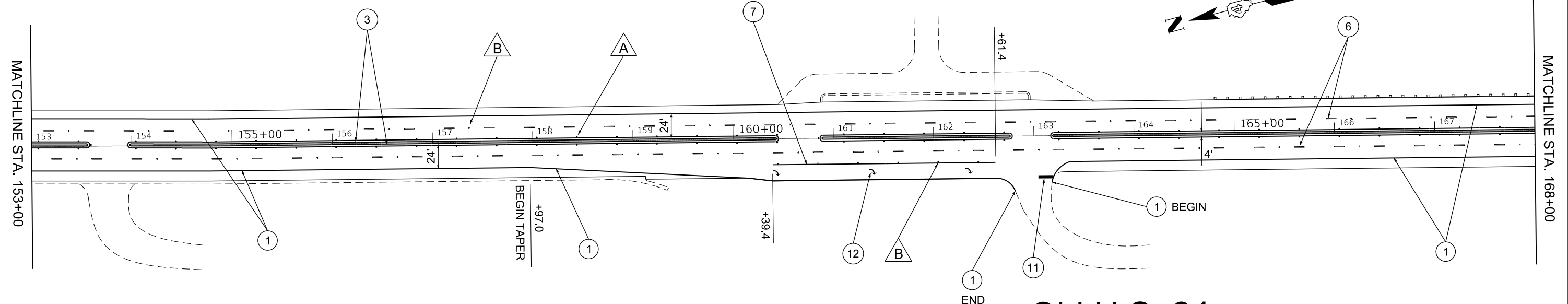
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SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	32
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

Private Drive South



Mendenhall Rd.



Old U.S. 24

LEGEND

- ① WHITE 4" SOLID LINE
- ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP
- ⑦ WHITE 8" SOLID LINE
- ⑩ YELLOW 12" SOLID LINE
- ② YELLOW 4" SOLID LINE
- ⑤ WHITE 6" SOLID LINE
- ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP
- ⑪ WHITE 24" SOLID LINE (STOP BAR)
- ③ DOUBLE YELLOW 4" SOLID LINE
- ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP
- ⑨ WHITE 12" SOLID LINE
- ⑫ WHITE LETTER & SYMBOLS
- △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER
- △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

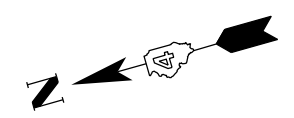
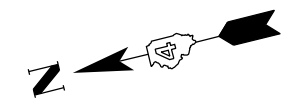
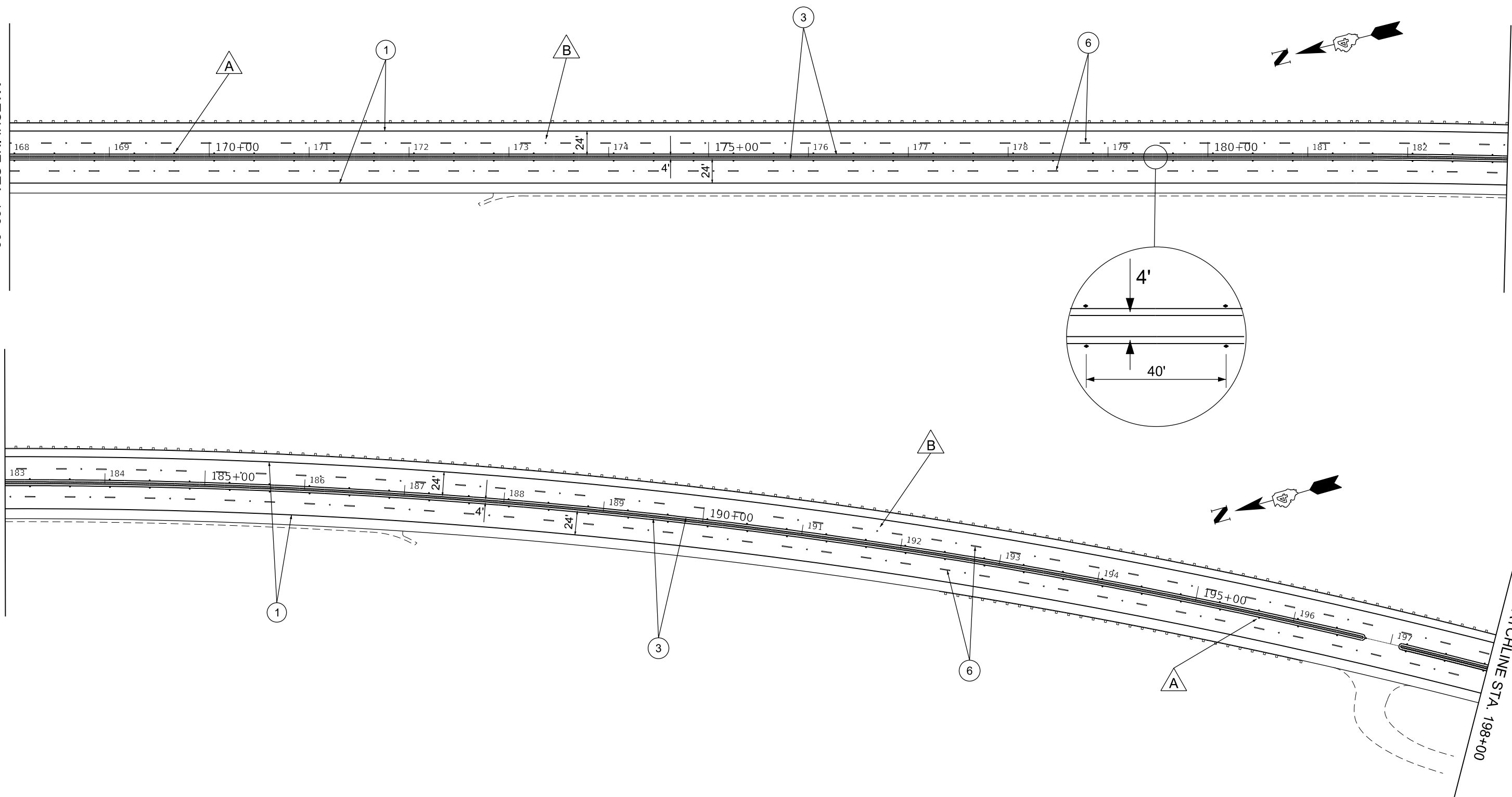
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**	(46-1)RS-9: (L)RS-6	PEORIA	73	33
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 168+00

MATCHLINE STA. 183+00

MATCHLINE STA. 183+00

MATCHLINE STA. 198+00



LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |

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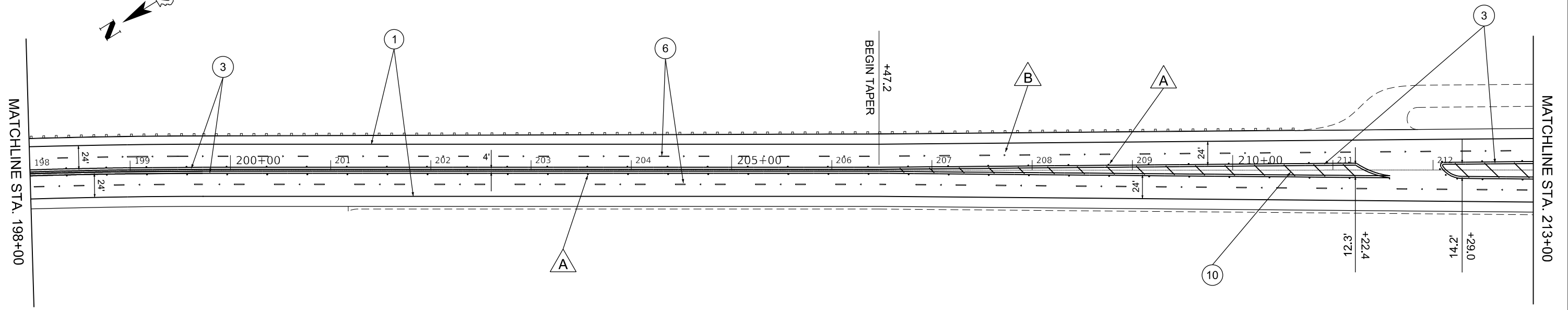
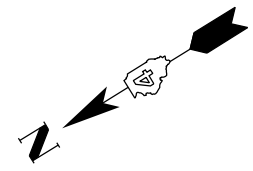
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

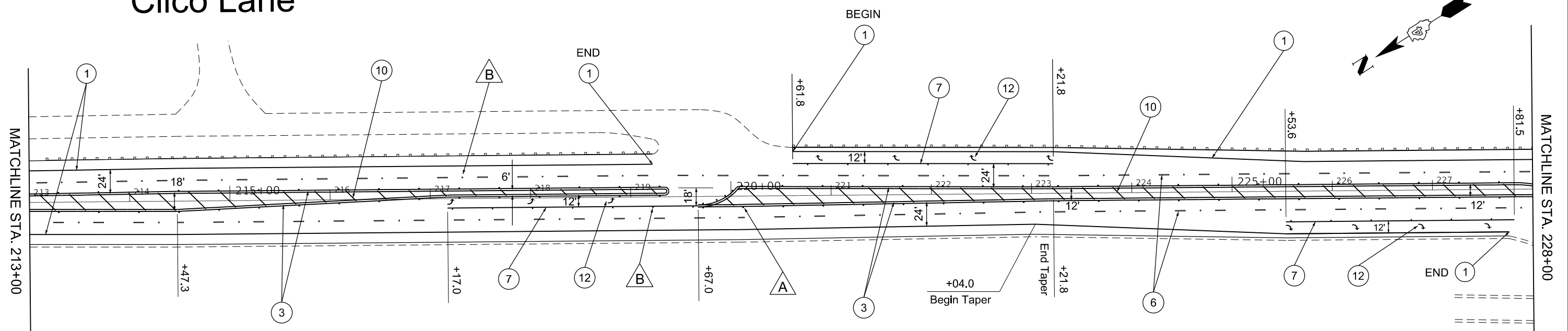
PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	34
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



Cilco Lane



Tuscarora Road

LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |

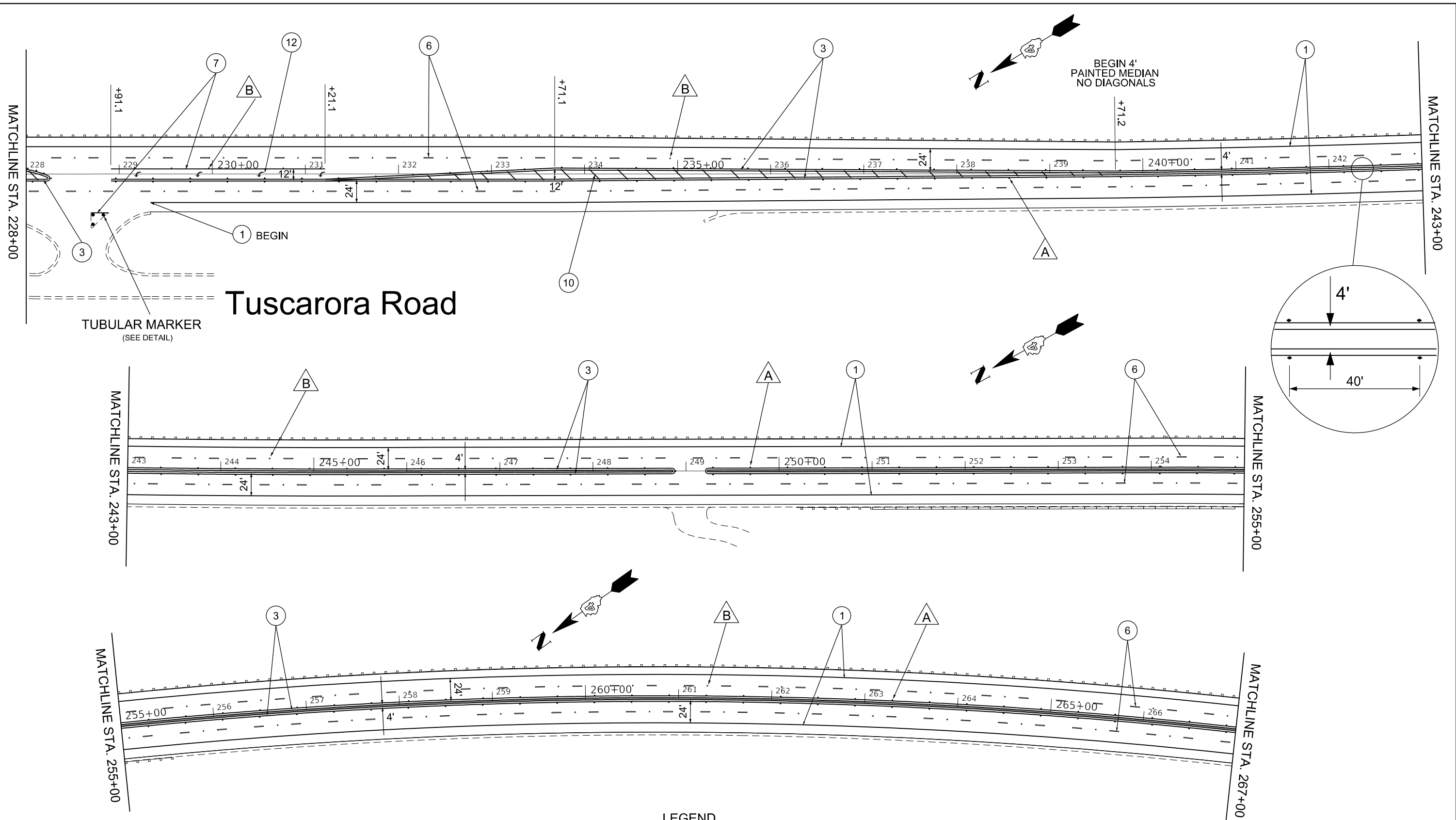
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PLOT DATE = 10/20/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	35
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



Tuscarora Road

TUBULAR MARKER
(SEE DETAIL)

LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |

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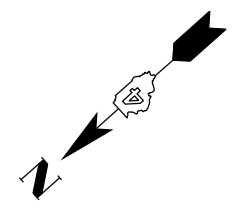
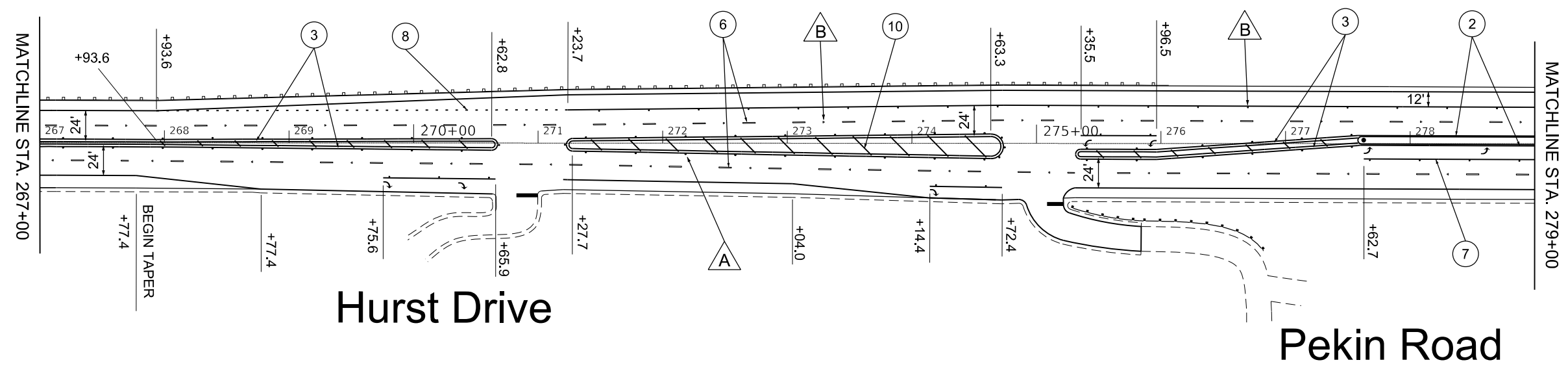
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

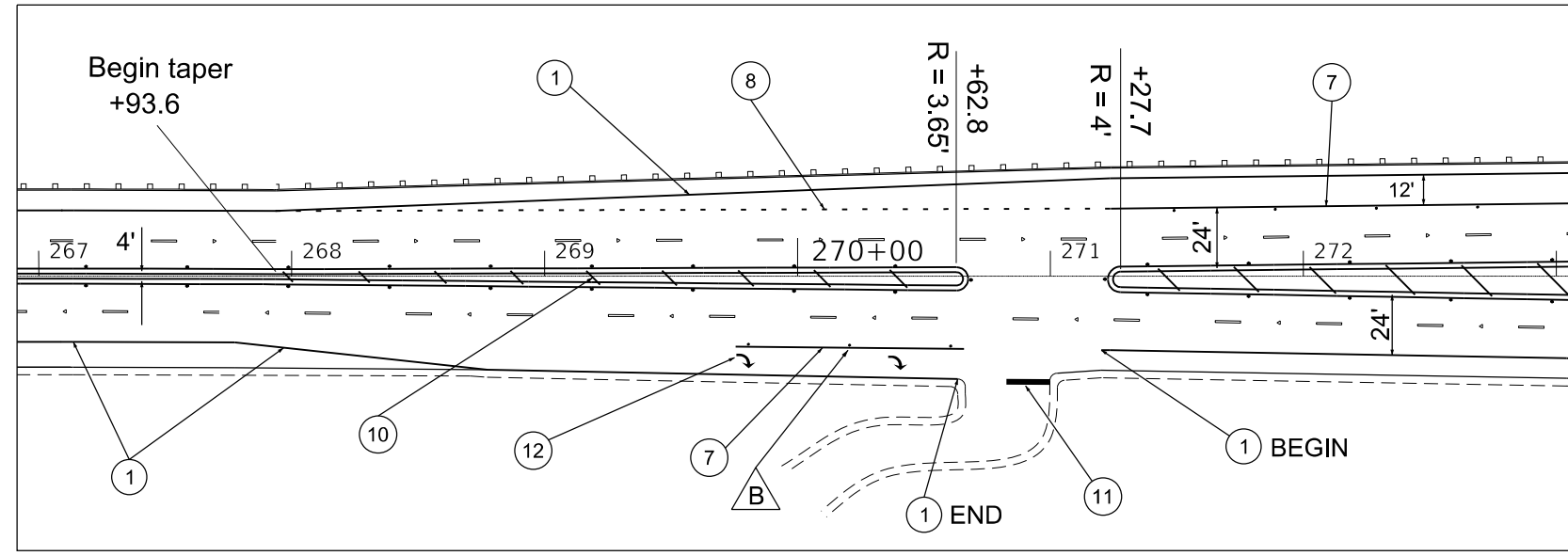
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	36
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

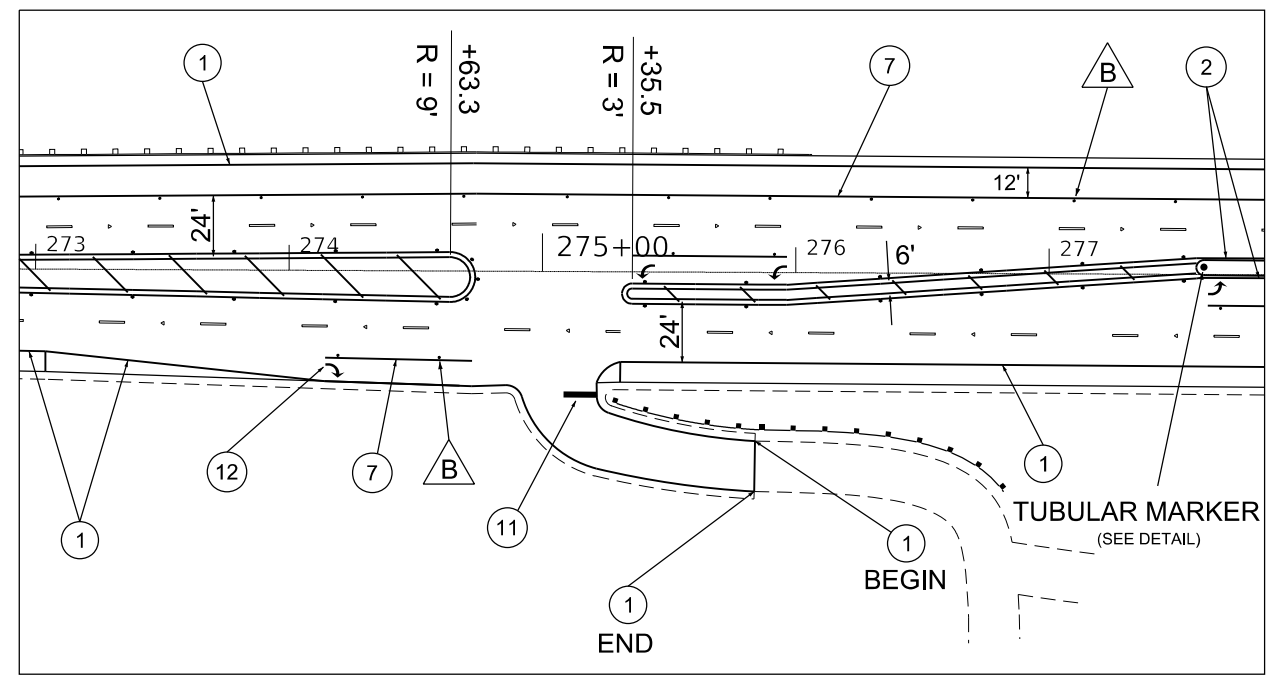


Hurst Drive

Pekin Road



Hurst Drive Detail



Pekin Road Detail

LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |

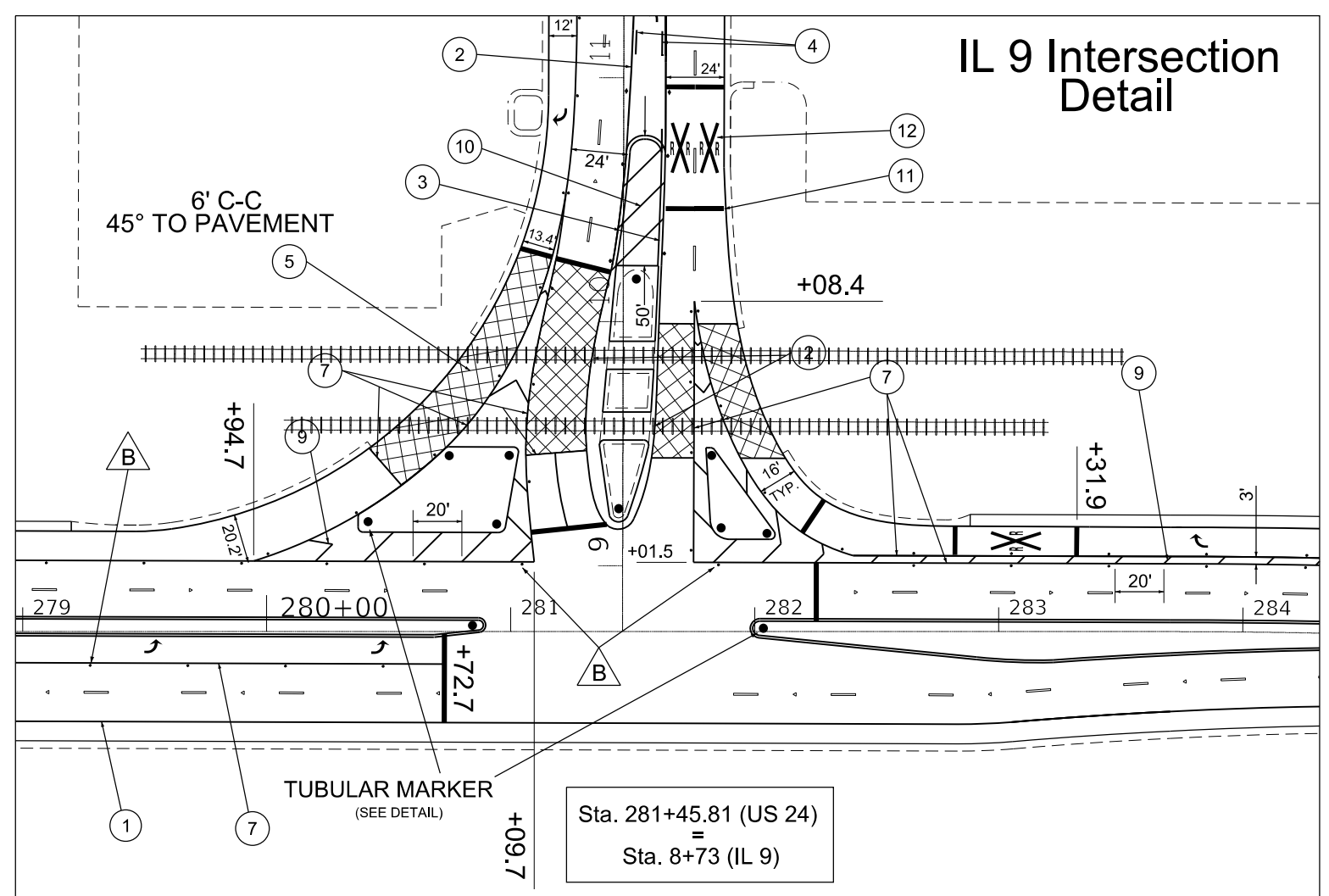
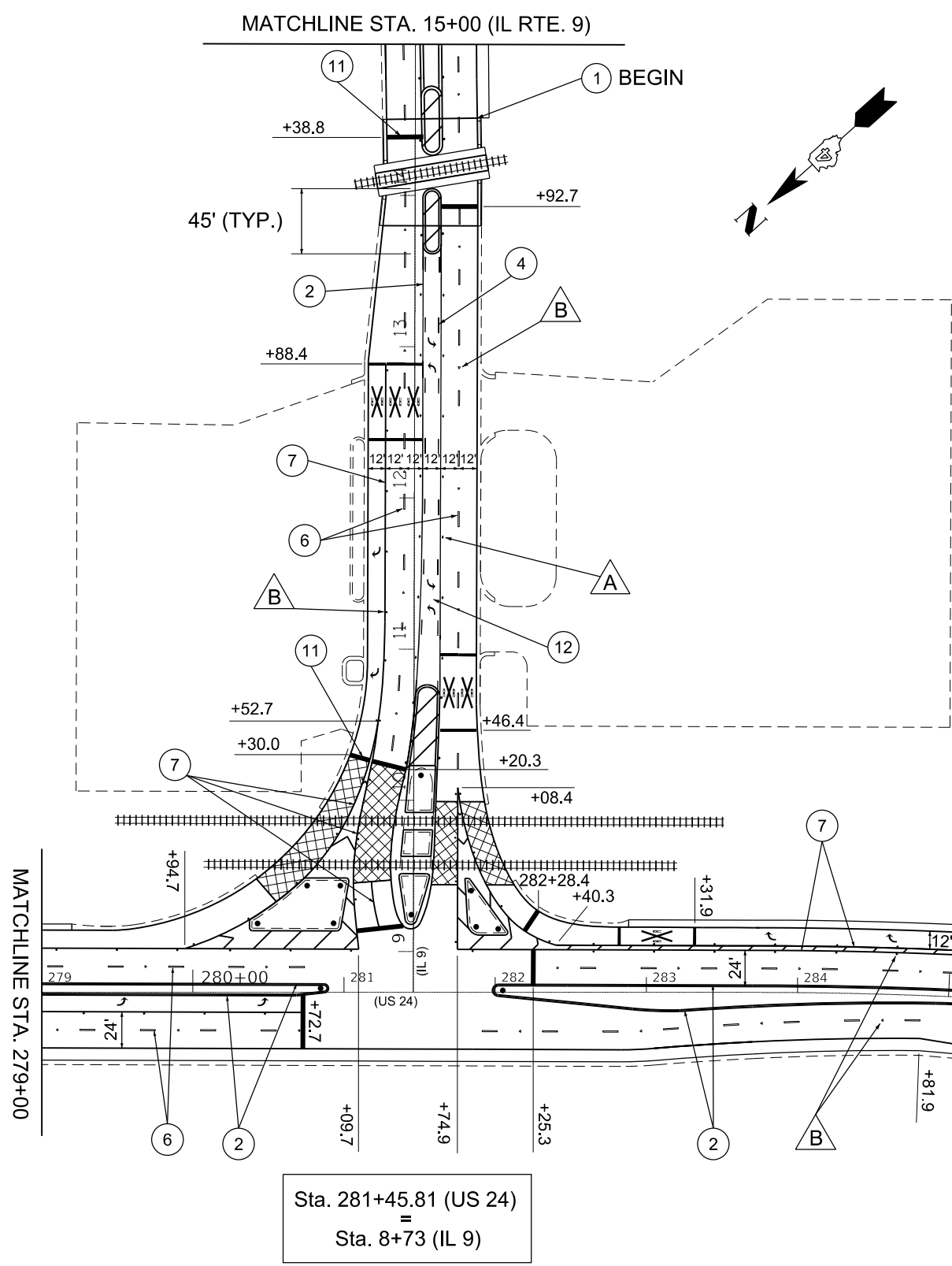
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	37
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



IL 9 Intersection Detail

- LEGEND**
- ① WHITE 4" SOLID LINE
 - ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP
 - ⑦ WHITE 8" SOLID LINE
 - ⑩ YELLOW 12" SOLID LINE
 - ② YELLOW 4" SOLID LINE
 - ⑤ WHITE 6" SOLID LINE
 - ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP
 - ⑪ WHITE 24" SOLID LINE (STOP BAR)
 - ③ DOUBLE YELLOW 4" SOLID LINE
 - ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP
 - ⑨ WHITE 12" SOLID LINE
 - ⑫ WHITE LETTER & SYMBOLS
- △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER
 - △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL

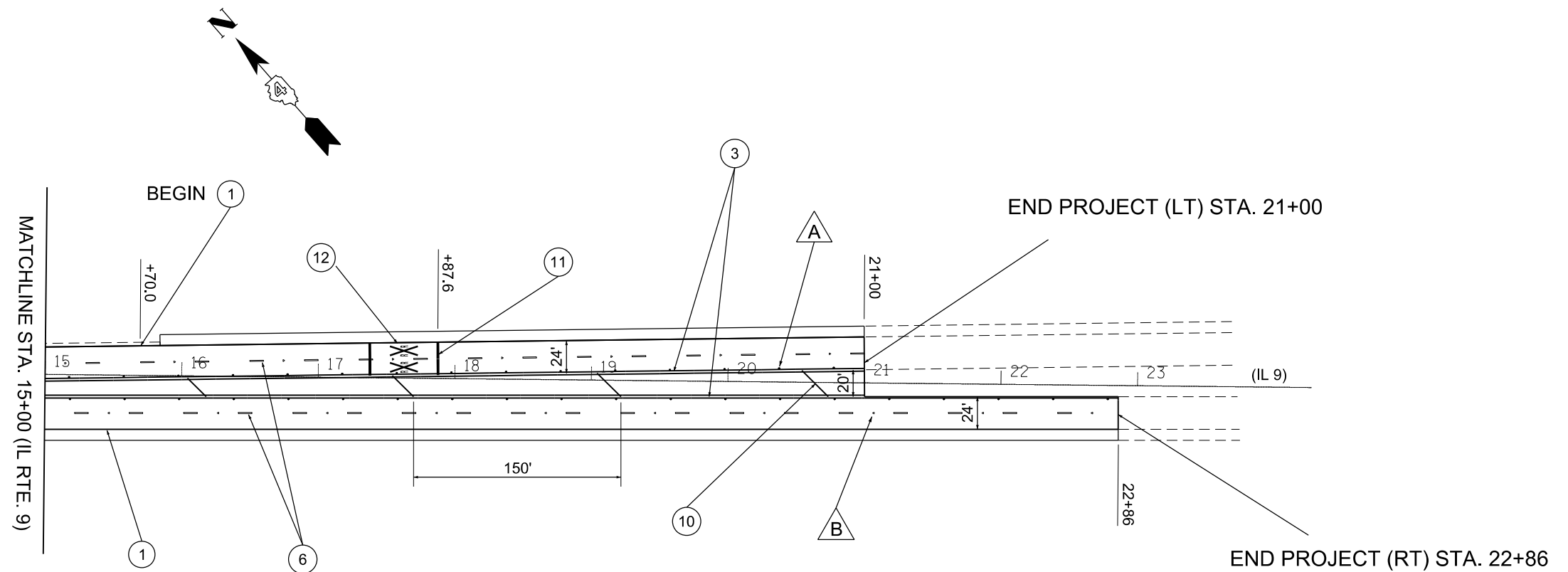
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS	
SCALE:	SHEET OF SHEETS STA. TO STA.

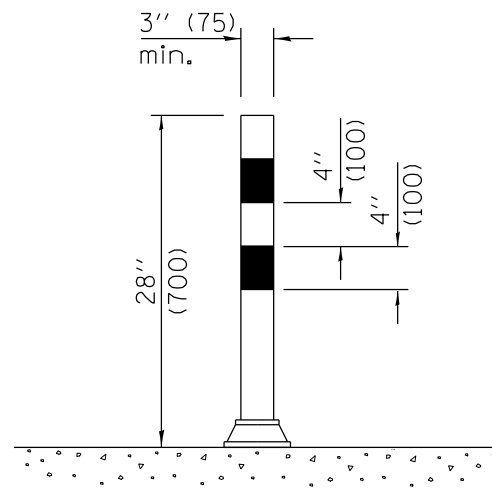
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	38
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

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LEGEND

- | | | | | |
|-------------------------------|---|--|-----------------------------------|---|
| ① WHITE 4" SOLID LINE | ④ YELLOW 4" SKIP LINE - 10' LONG, 30' GAP | ⑦ WHITE 8" SOLID LINE | ⑩ YELLOW 12" SOLID LINE | △ A RAISED REFLECTIVE PAVEMENT MARKER - AMBER |
| ② YELLOW 4" SOLID LINE | ⑤ WHITE 6" SOLID LINE | ⑧ WHITE 8" SKIP LINE - 2' LONG, 6' GAP | ⑪ WHITE 24" SOLID LINE (STOP BAR) | △ B RAISED REFLECTIVE PAVEMENT MARKER - CRYSTAL |
| ③ DOUBLE YELLOW 4" SOLID LINE | ⑥ WHITE 6" SKIP LINE - 10' LONG, 30' GAP | ⑨ WHITE 12" SOLID LINE | ⑫ WHITE LETTER & SYMBOLS | |



TUBULAR MARKER DETAIL

TUBULAR MARKERS SHALL HAVE (2) RETROREFLECTIVE BANDS EACH. COLOR OF MARKERS AND BANDS TO MATCH ADJACENT PAVEMENT MARKINGS AT ISLANDS AND MEDIANS. WHITE REFLECTIVE BAND ON WHITE MARKER OR YELLOW REFLECTIVE BAND ON YELLOW MARKER. SEE SCHEDULE FOR APPROXIMATE LOCATIONS. THE REMOVAL AND DISPOSAL OF EXISTING TUBULAR MARKERS SHALL BE INCLUDED IN THE COST OF THE NEW MARKERS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

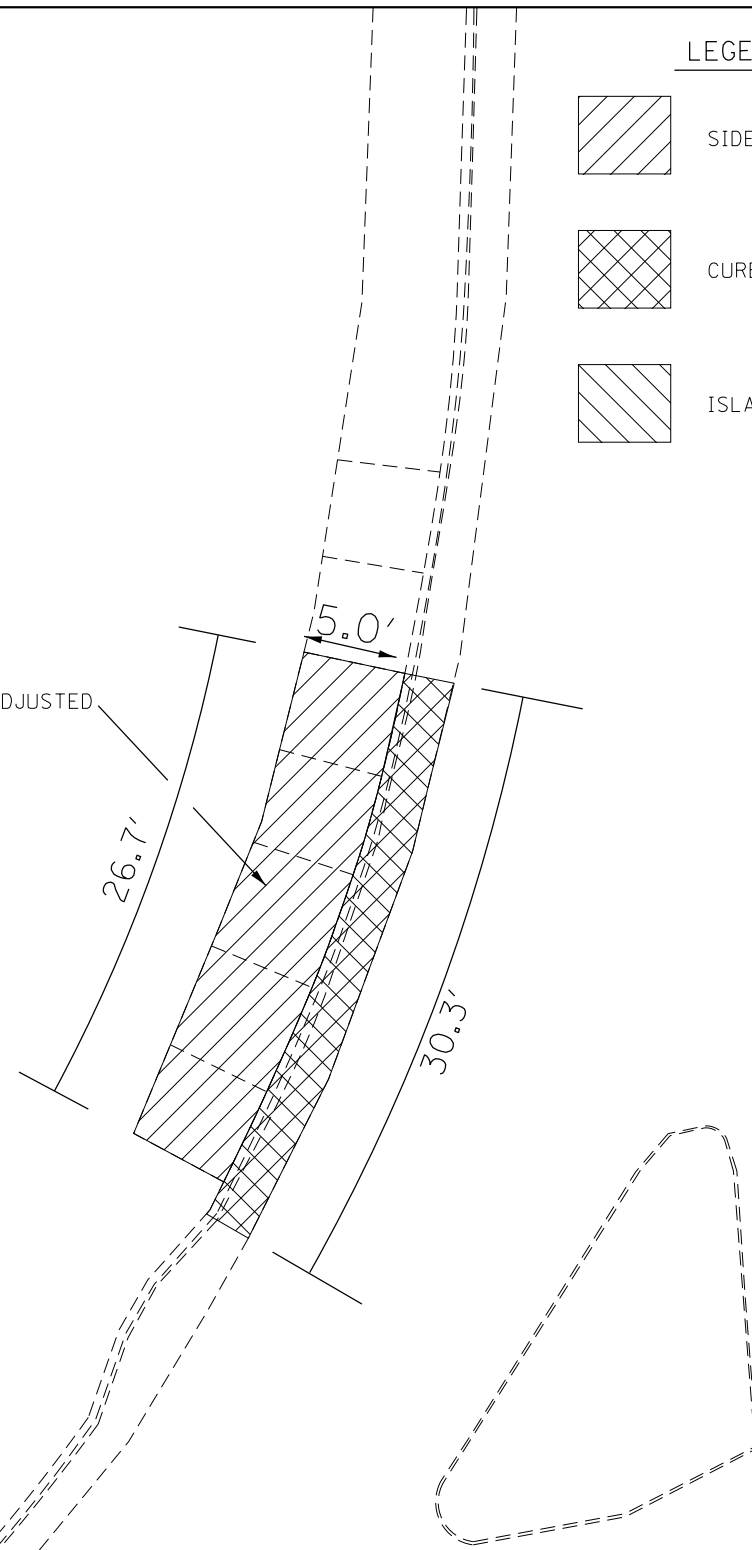
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**	(46-1)RS-9: (L)RS-6	PEORIA	73	39
** FAP 317: FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



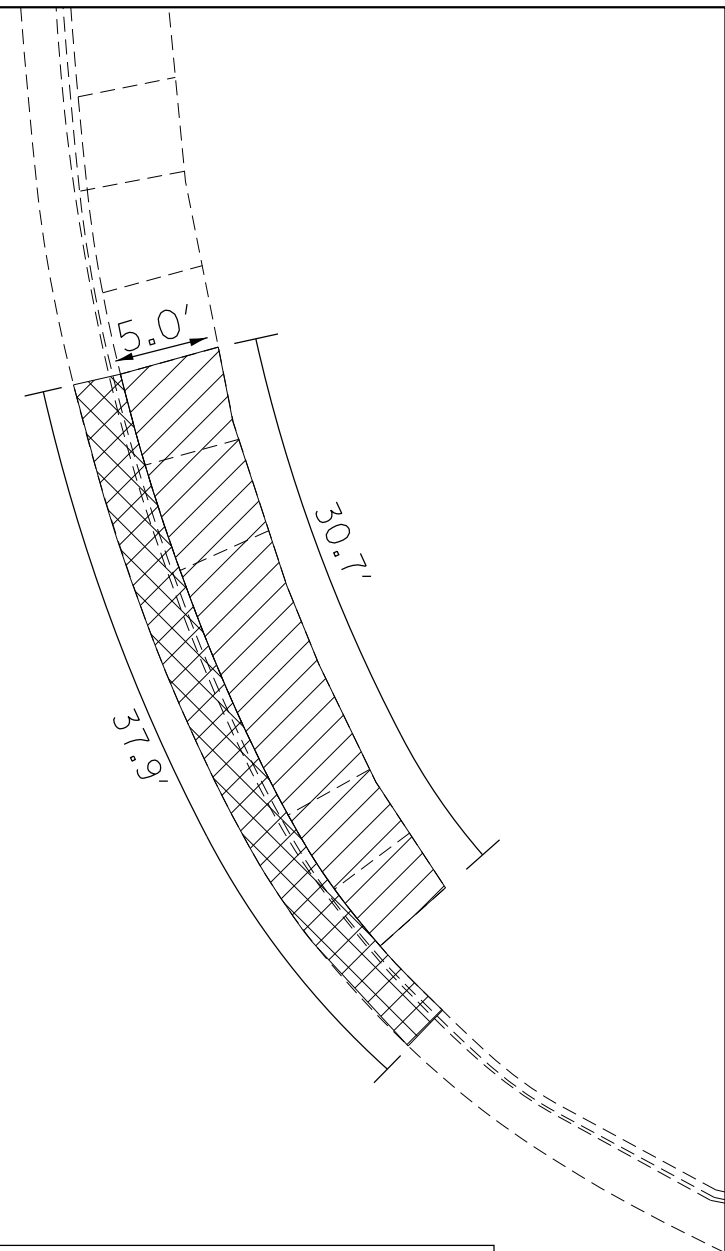
LEGEND

-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  ISLAND REMOVAL

HANDHOLE TO BE ADJUSTED



US 24



1. CURB AND GUTTER REMOVAL SHALL REQUIRE FULL DEPTH SAWCUTS. THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE CURB AND GUTTER TO ALLOW FOR PLACEMENT OF FORMS. SAWCUTTING IS INCLUDED IN THE COST OF PAVEMENT REMOVAL.
2. SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.
3. RADIAL DIMENSIONS SHOWN ARE MEASURED ALONG FACE OF CURB FOR CURB & GUTTER REMOVAL.



PFEIFFER RD.

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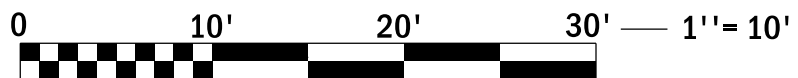
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

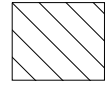
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PFEIFFER/US 24 REMOVAL 1**

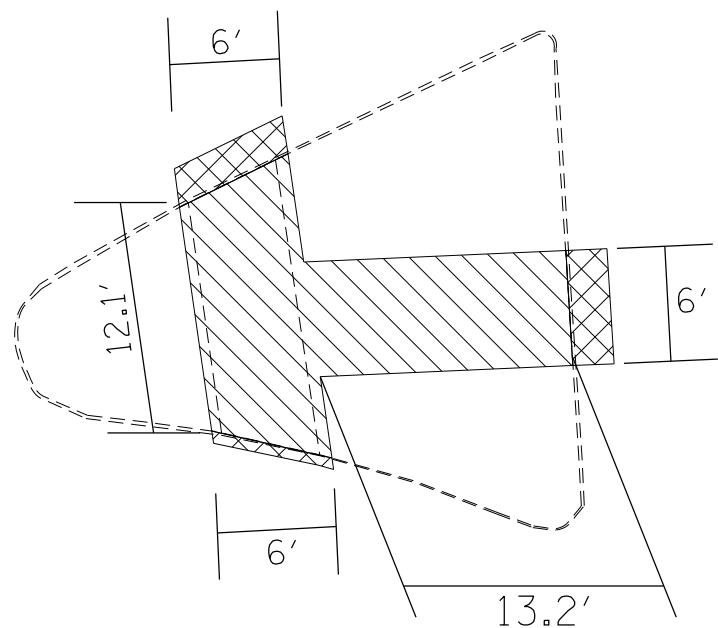
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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** FAP 317; FAP 693			CONTRACT NO. 68B67	
ILLINOIS		FED. AID PROJECT		



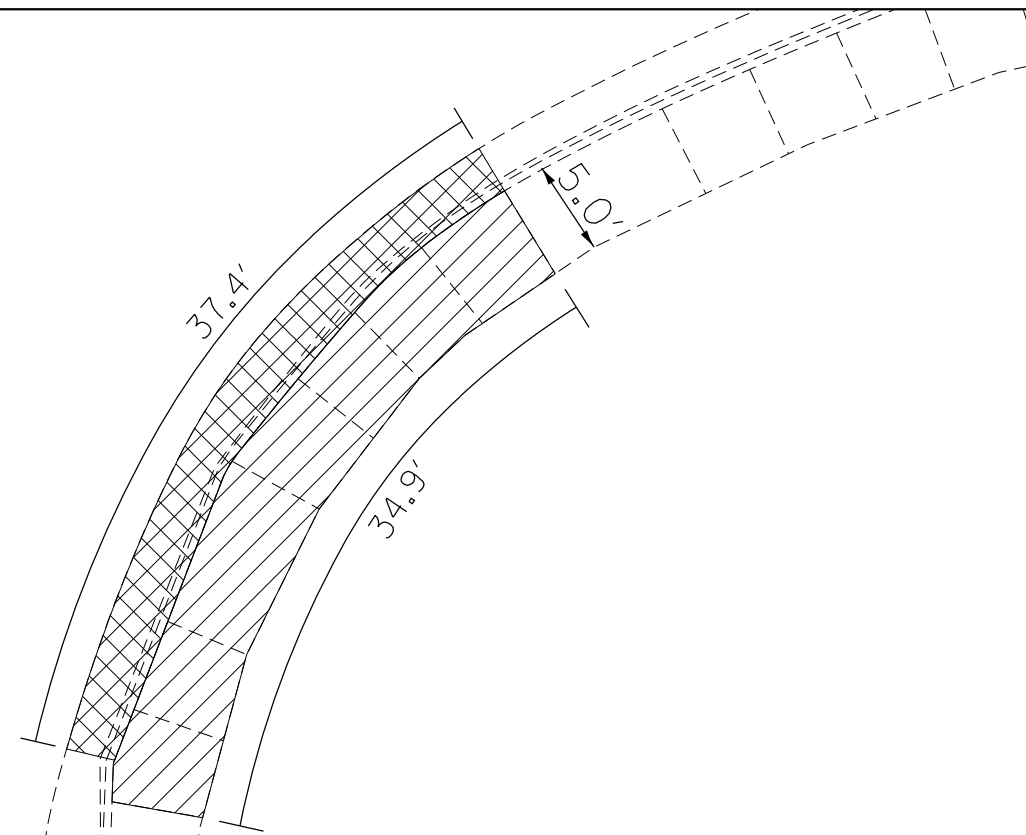
LEGEND

-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  ISLAND REMOVAL

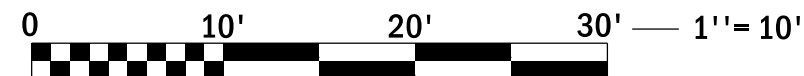


PFEIFFER RD.

US 24



1. CURB AND GUTTER REMOVAL SHALL REQUIRE FULL DEPTH SAWCUTS. THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE CURB AND GUTTER TO ALLOW FOR PLACEMENT OF FORMS. SAWCUTTING IS INCLUDED IN THE COST OF PAVEMENT REMOVAL.
2. SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.
3. RADIAL DIMENSIONS SHOWN ARE MEASURED ALONG FACE OF CURB FOR CURB & GUTTER REMOVAL.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

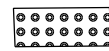
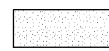
ADA RAMP CONSTRUCTION
PFEIFFER/US 24 REMOVAL 2

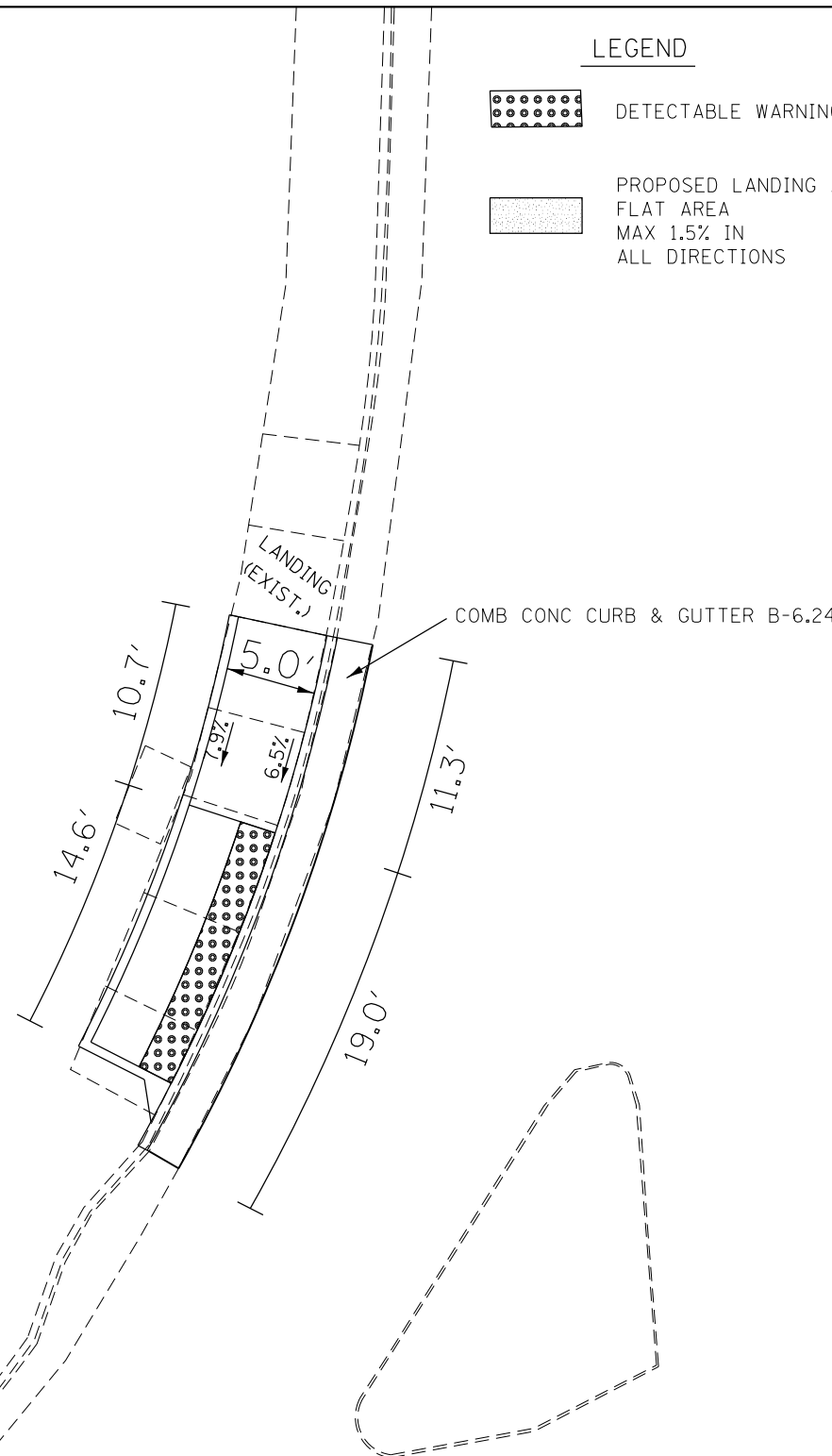
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	41
** FAP 317; FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



LEGEND

-  DETECTABLE WARNING
-  PROPOSED LANDING / FLAT AREA
MAX 1.5% IN ALL DIRECTIONS

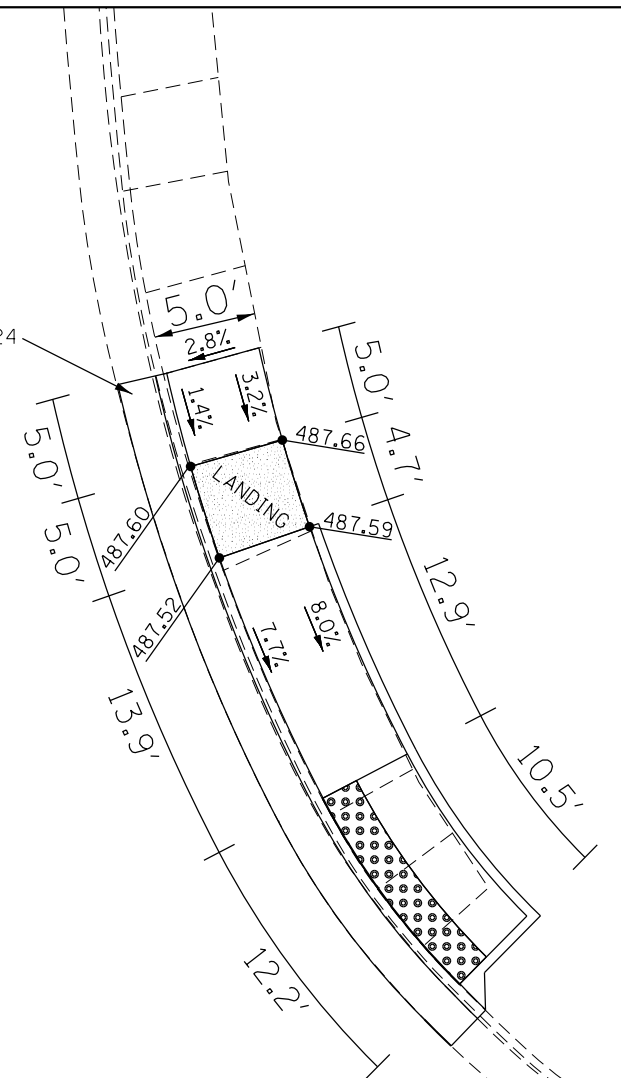


US 24

PFEIFFER RD.



COMB CONC CURB & GUTTER B-6.24



1. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION.
2. SIDEWALK CROSS SLOPE = 1.5% (2.0% MAX.)
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION, INCLUDING DIAGONALLY
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
8. CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
9. PCC BASE COURSE, 13" TO BE USED FOR 1 FT WIDE STRIP BEYOND THE EDGE OF THE NEW CURB AND GUTTER (SEE SCHEDULE FOR QUANTITY AND LOCATION).
10. ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".

HIGHWAY STANDARDS
424001-10
424006-03
424011-03

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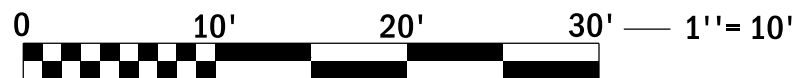
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP CONSTRUCTION
PFEIFFER/US 24 CONSTRUCTION 1**



SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	42
** FAP 317; FAP 693	CONTRACT NO. 68B67			

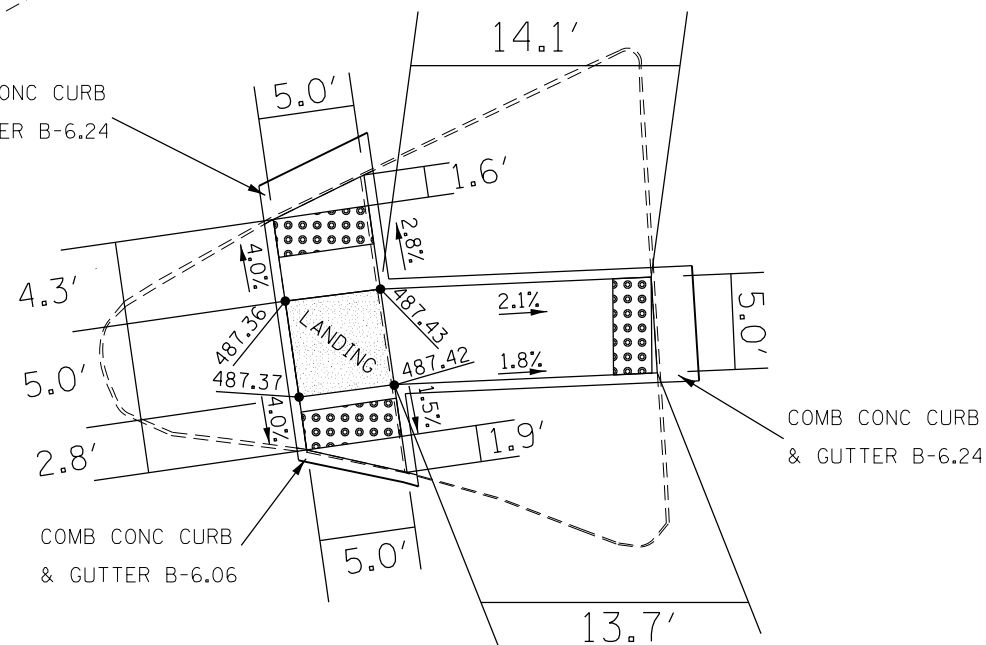
ILLINOIS FED. AID PROJECT



LEGEND

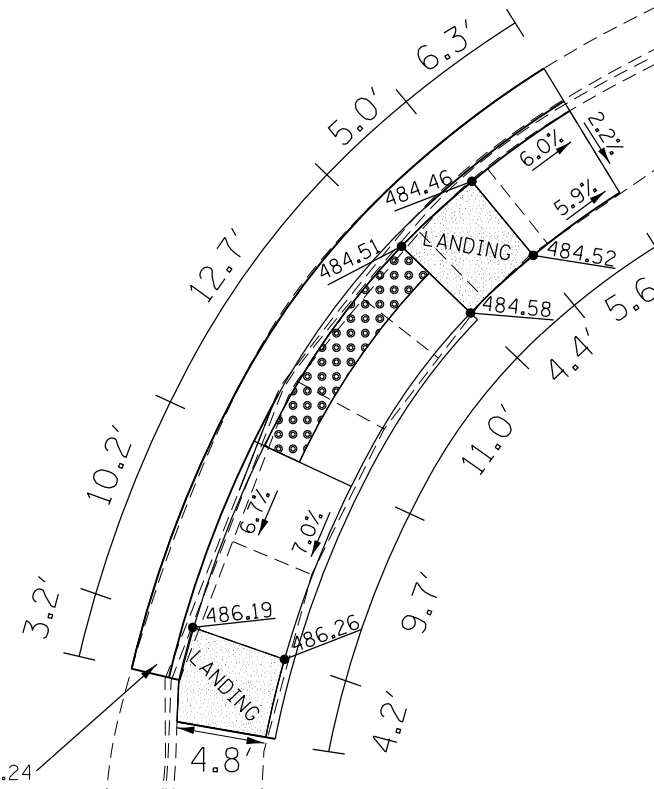
-  DETECTABLE WARNING
-  PROPOSED LANDING / FLAT AREA
MAX 1.5% IN ALL DIRECTIONS

COMB CONC CURB & GUTTER B-6.24



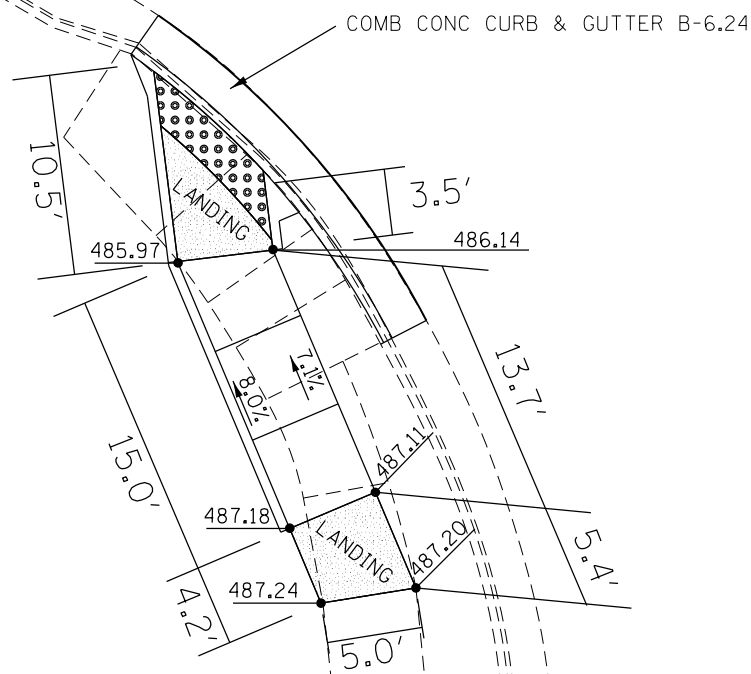
US 24

PFEIFFER RD.



HIGHWAY STANDARDS
424001-10
424006-03
424011-03

1. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION.
2. SIDEWALK CROSS SLOPE = 1.5% (2.0% MAX.)
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION, INCLUDING DIAGONALLY
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
8. CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
9. PCC BASE COURSE, 13" TO BE USED FOR 1 FT WIDE STRIP BEYOND THE EDGE OF THE NEW CURB AND GUTTER (SEE SCHEDULE FOR QUANTITY AND LOCATION).
10. ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**ADA RAMP CONSTRUCTION
PFEIFFER/US 24 CONSTRUCTION 2**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	43
** FAP 317; FAP 693	CONTRACT NO. 68B67			
ILLINOIS FED. AID PROJECT				

1. CURB AND GUTTER REMOVAL SHALL REQUIRE FULL DEPTH SAWCUTS. THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE CURB AND GUTTER TO ALLOW FOR PLACEMENT OF FORMS. SAWCUTTING IS INCLUDED IN THE COST OF PAVEMENT REMOVAL.
2. SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.
3. RADIAL DIMENSIONS SHOWN ARE MEASURED ALONG FACE OF CURB FOR CURB & GUTTER REMOVAL.

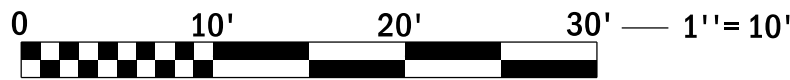
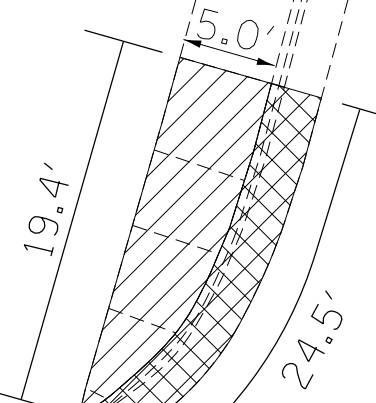
LEGEND

-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  ISLAND REMOVAL



MILLER ST.

US 24



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

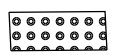

**ADA RAMP CONSTRUCTION
MILLER/US 24 REMOVAL**

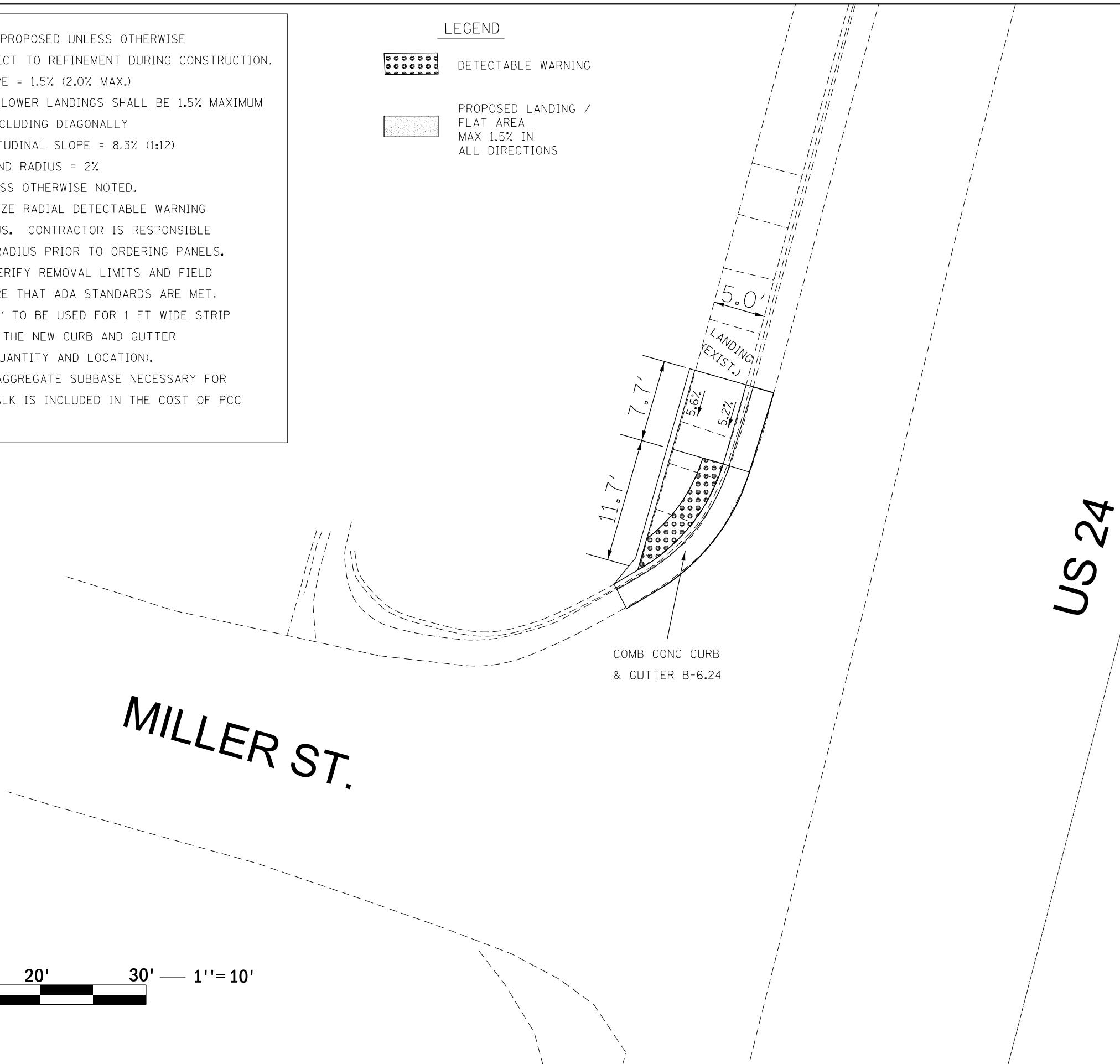
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	44
** FAP 317; FAP 693			CONTRACT NO. 68B67	
ILLINOIS		FED. AID PROJECT		

1. ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION.
2. SIDEWALK CROSS SLOPE = 1.5% (2.0% MAX.)
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION; INCLUDING DIAGONALLY
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
8. CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
9. PCC BASE COURSE, 13" TO BE USED FOR 1 FT WIDE STRIP BEYOND THE EDGE OF THE NEW CURB AND GUTTER (SEE SCHEDULE FOR QUANTITY AND LOCATION).
10. ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".

LEGEND

-  DETECTABLE WARNING
-  PROPOSED LANDING / FLAT AREA
MAX 1.5% IN ALL DIRECTIONS



HIGHWAY STANDARDS
 424001-10
 424006-03
 424011-03

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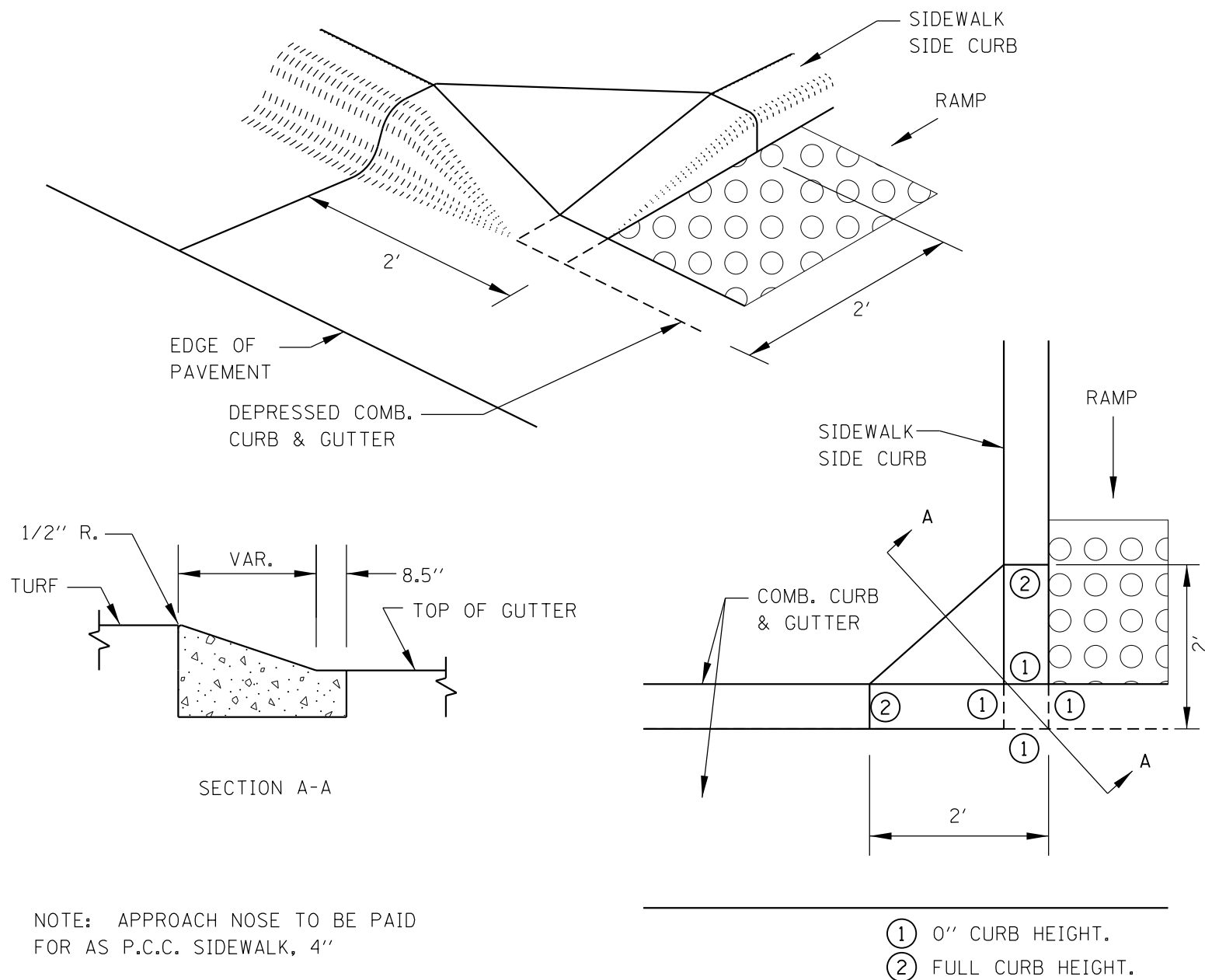
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP CONSTRUCTION
 MILLER/US 24 CONSTRUCTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	45
** FAP 317; FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



NOTE: APPROACH NOSE TO BE PAID FOR AS P.C.C. SIDEWALK, 4"

- ① 0" CURB HEIGHT.
- ② FULL CURB HEIGHT.

APPROACH NOSE DETAIL

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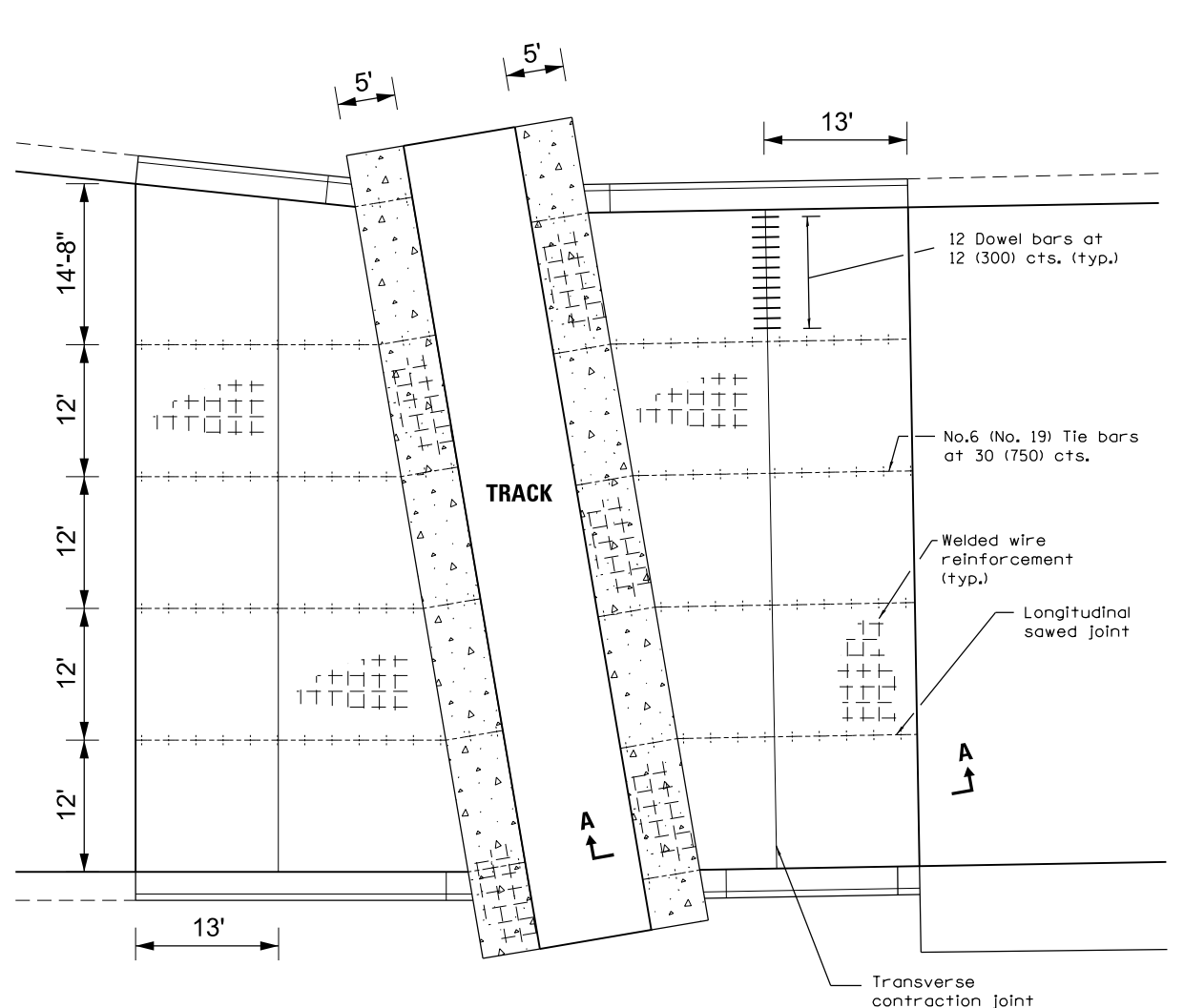
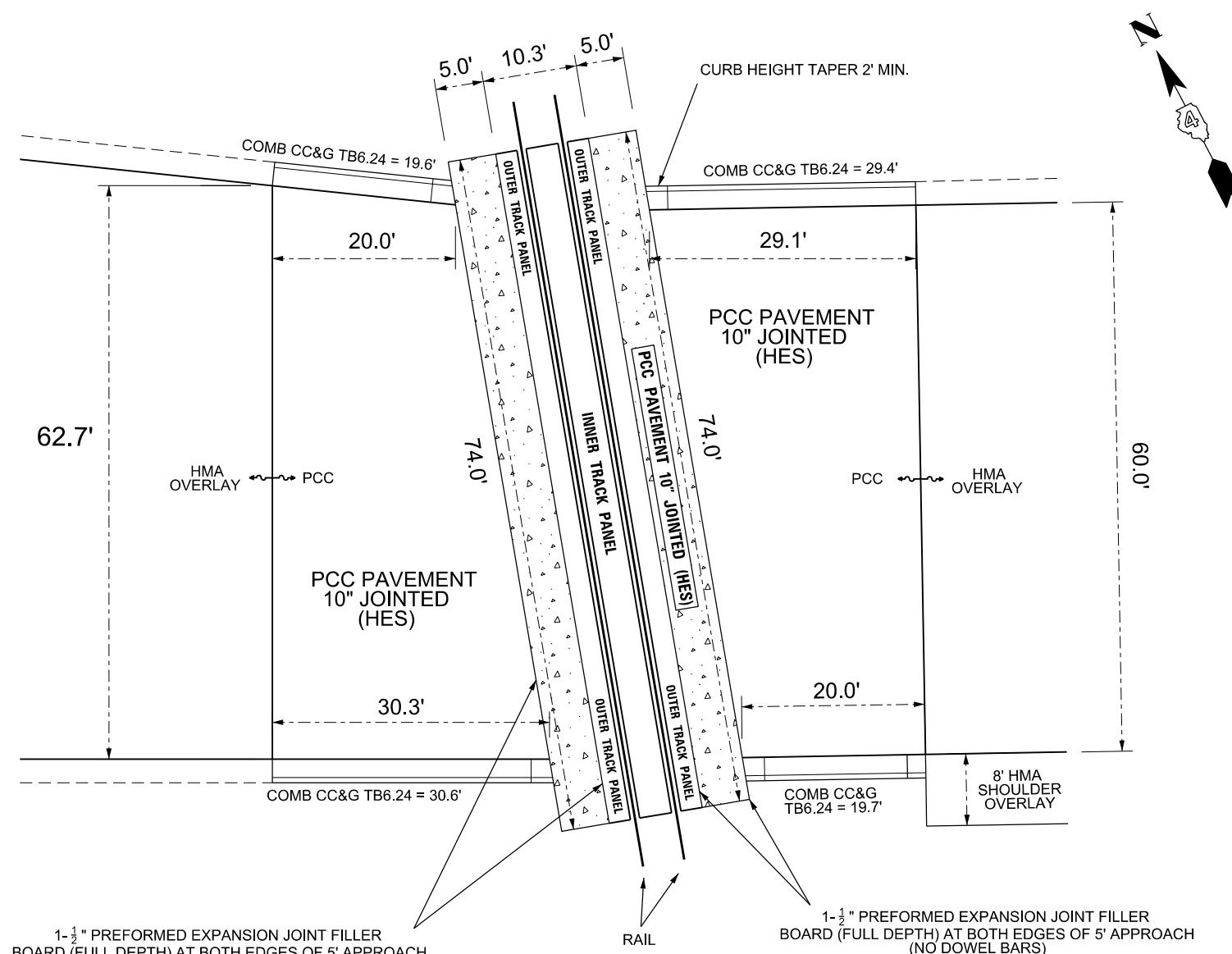
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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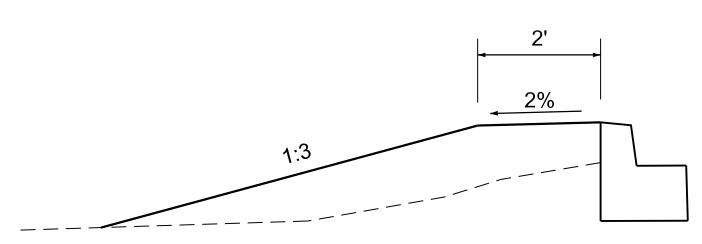
ADA RAMP CONSTRUCTION
APPROACH NOSE DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	46
** FAP 317; FAP 693			CONTRACT NO. 68B67	
ILLINOIS		FED. AID PROJECT		



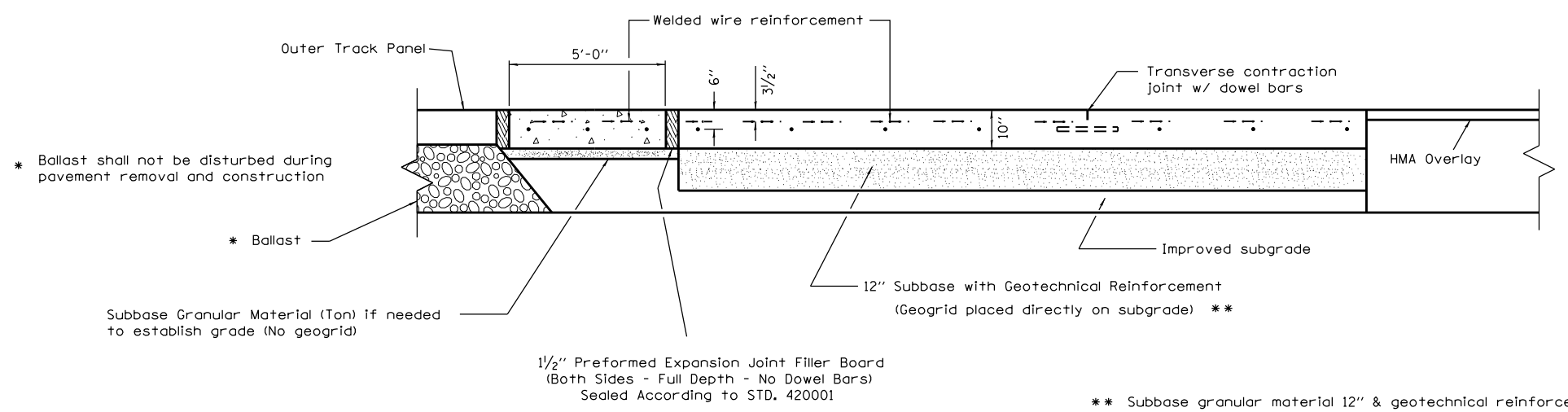
SECTION A-A

BACKFILL DETAIL



CLEAN EXCESS EXCAVATED MATERIAL REMOVED FOR THE SUBBASE SHALL BE STOCKPILED AND USED TO BACKFILL NEW CURB AS SHOWN ABOVE. THE BACKFILLED AREAS SHALL BE SEEDING IN ACCORDANCE WITH THE "SEEDING, MINOR AREAS" SPECIAL PROVISION.

ALL RELATED WORK INCLUDING BACKFILLING, SHAPING, AND SEEDING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".



* Ballast shall not be disturbed during pavement removal and construction

* Ballast
Subbase Granular Material (Ton) if needed to establish grade (No geogrid)

1/2" Preformed Expansion Joint Filler Board (Both Sides - Full Depth - No Dowel Bars) Sealed According to STD. 420001

** Subbase granular material 12" & geotechnical reinforcement to be placed 6" beyond back of curb (typical)

**STA. 13+80 - STA. 14+51
IL ROUTE 9 UNION PACIFIC RAILROAD CROSSING DETAIL**

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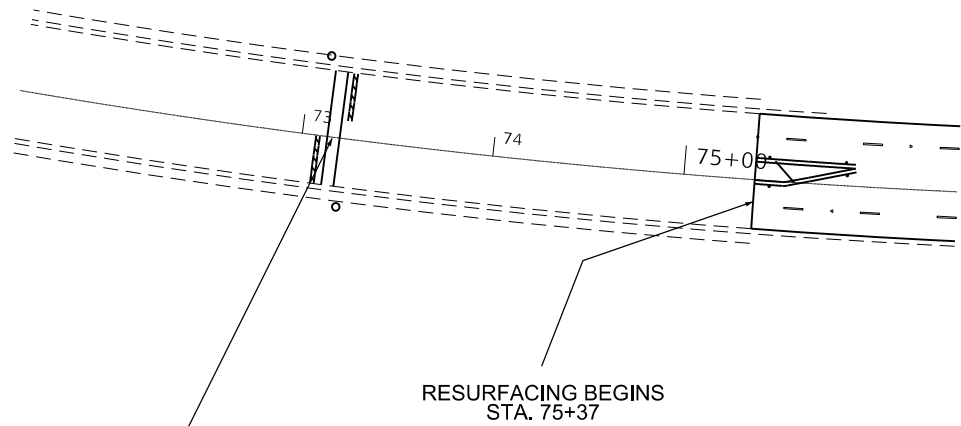
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 9 UNION PACIFIC RAILROAD CROSSING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	47
CONTRACT NO. 68B67				
ILLINOIS		FED. AID PROJECT		

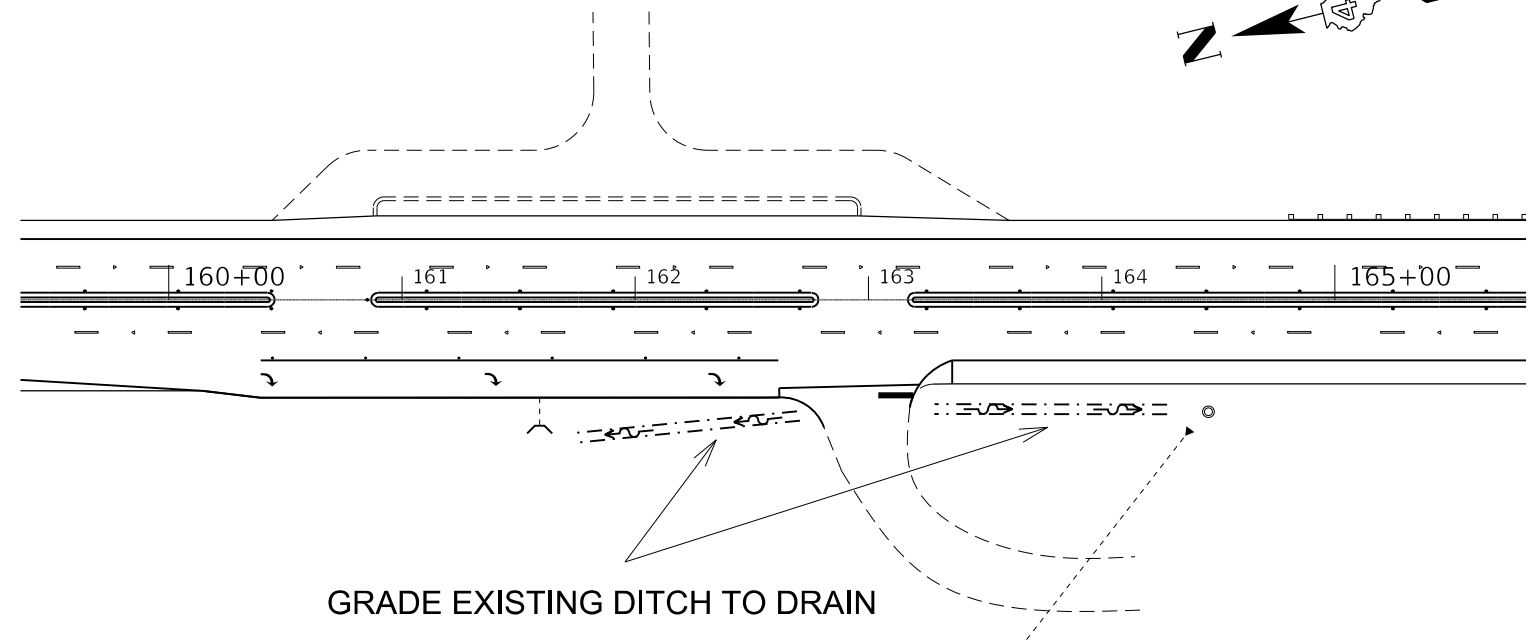
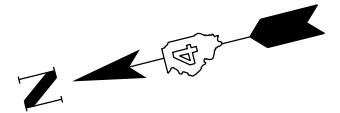
Pedestrian Signal Removal US 24 @ Keystone



SIDEWALK REMOVAL (W) - 75 SQ FT (E) - 166.3 SQ FT
 CURB AND GUTTER REMOVAL (W) - 15 FT (E) - 40.3 FT
 PCC SIDEWALK 4" (W) - 75 SQ FT (E) - 166.3 SQ FT
 COMB CONC CURB & GUTTER B6.24 (W) - 15 FT (E) - 40.3 FT
 PAVEMENT MARKING REMOVAL WATER BLASTING- 157 SQ FT
 TRAFFIC SIGNAL REMOVAL (SEE PG. 50)

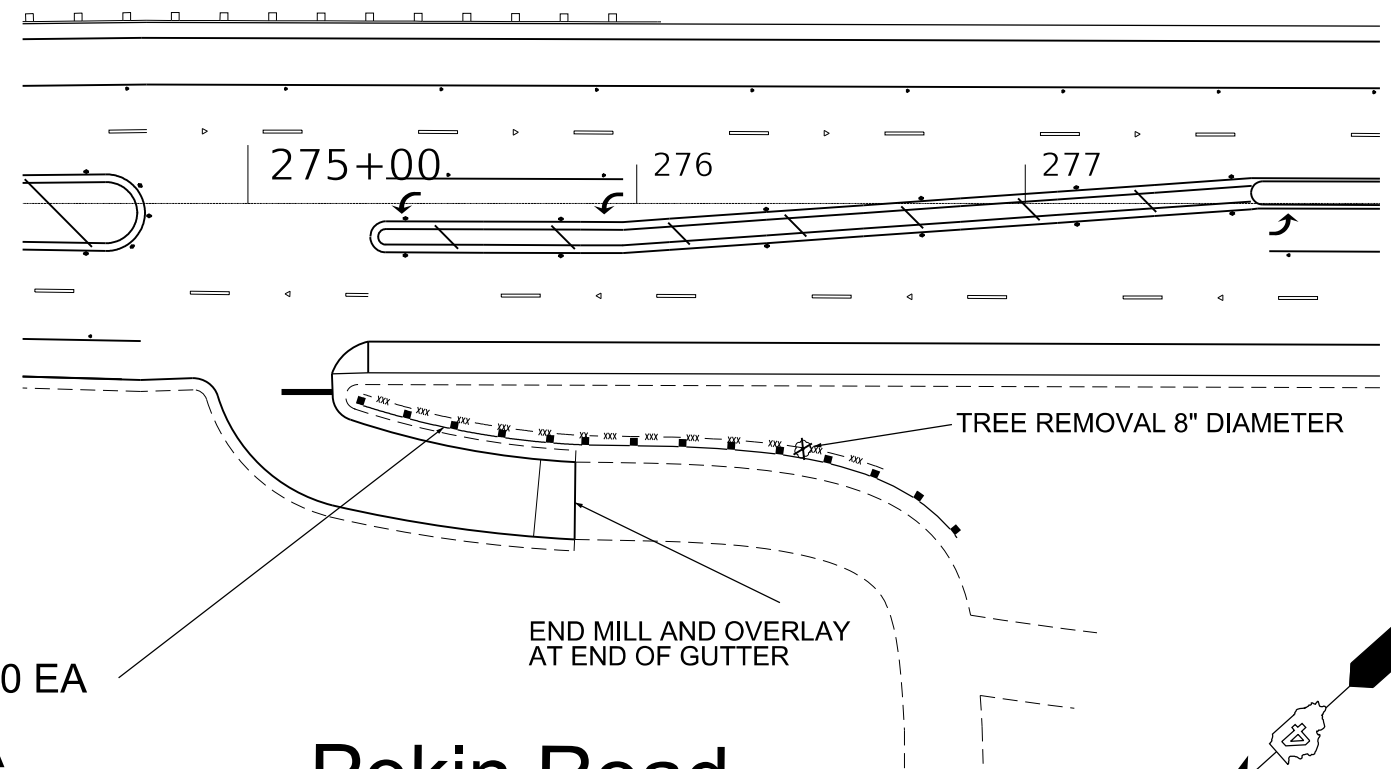
GUARDRAIL REMOVAL - 135.0'
 TRAFFIC BARRIER TERMINAL T1 SPL TAN - 2.0 EA
 SPBGR TY A 6 FT POSTS - 112.5'
 TERMINAL MARKER DIRECT APPLIED - 2.0 EA
 GUARDRAIL REFLECTOR TYPE A - 2.0 EA
 GUARDRAIL AGGREGATE EROSION CONTROL - 28.3 TON

Mendenhall Rd.



GRADE EXISTING DITCH TO DRAIN

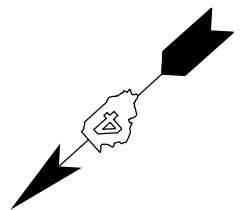
Old U.S. 24



END MILL AND OVERLAY
AT END OF GUTTER

TREE REMOVAL 8" DIAMETER

Pekin Road



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD DETAILS &
PEDESTRIAN SIGNAL REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	48
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

CONTROLLER CABINET REPLACEMENT - CONSTRUCTION NOTES

1. THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE AND ALL-WAY STOP CONTROL ONLY DURING THE HOURS SPECIFIED ABOVE TO PERFORM MODIFICATIONS TO THE EXISTING CONTROLLER CABINETS.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE OR ALL-WAY STOP CONTROL. THE STOP SIGNS SHALL BE DISPLAYED IN ACCORDANCE WITH ALL APPLICABLE MUTCD REQUIREMENTS.
3. ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE MODIFY EXISTING CONTROLLER CABINET PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

CONSTRUCTION NOTES

1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
6. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
7. REMOVAL OF EXISTING TRAFFIC SIGNAL COMPONENTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS.
8. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CABINETS AND PERIPHERAL EQUIPMENT AND DELIVER THEM TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR, PEORIA. THE CONTRACTOR SHALL NOTIFY PAUL GRANT AT (309) 671-4474 FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY. THE CONTRACTOR SHALL DISPOSE OF ALL OTHER ITEMS OFF OF THE RIGHT OF WAY AND REFLECT THE SALVAGE VALUE OF THESE ITEMS IN CONTRACT UNIT BID PRICES.
9. THE CONTRACTOR SHALL REMOVE EXISTING PHOTOCCELL RELAYS, DIN RAIL MOUNTED COMMUNICATIONS EQUIPMENT, TRAFFIC SIGNAL INTERCONNECT EQUIPMENT, EVP EQUIPMENT, AND FIBER OPTIC ENCLOSURES FROM EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS AND INSTALL THE EQUIPMENT IN THE PROPOSED CONTROLLER CABINETS AT EACH LOCATION. THIS WORK SHALL BE INCLUDED IN THE PAY ITEMS FOR THE CONTROLLER CABINETS.
10. THE CONTRACTOR SHALL REMOVE EXISTING BATTERY BACKUP SYSTEM CABINETS AND COMPONENTS FROM EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS AND INSTALL THEM IN THE PROPOSED CONTROLLER CABINETS AT EACH LOCATION. THIS WORK SHALL BE INCLUDED IN THE PAY ITEMS FOR THE CONTROLLER CABINETS.
11. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
12. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
13. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
14. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL.
15. ALL PEDESTRIAN AND TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
16. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS.
17. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
18. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT, MILLED SURFACE, OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN PRICE FOR DETECTOR LOOPS.
19. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
20. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
21. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
22. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
23. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
24. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
25. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
26. THE PROPOSED CONDUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PROPOSED CONDUIT PAY ITEMS.

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.	US 24 & KEYSTONE	US 24 & PFEIFFER /ILLINOIS	US 24 & IL 9
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA	FOOT	30.0		30.0	
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1.0			1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	223.5			223.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	406.0		406.0	
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0		3.0	
DRILL EXISTING HANDHOLE	EACH	3.0		3.0	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1.0			1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0		2.0	
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12.0		5.0	7.0
INDUCTIVE LOOP DETECTOR	EACH	10.0			10.0
DETECTOR LOOP, TYPE I	FOOT	750.0			750.0
PEDESTRIAN PUSH-BUTTON	EACH	2.0		2.0	
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	5.0		5.0	
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1.0		1.0	
MODIFY EXISTING CONTROLLER	EACH	1.0		1.0	
REBUILD EXISTING SIGNAL HEAD	EACH	2.0			2.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0	1.0		
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3.0	3.0		
SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1.0			1.0
VIDEO DETECTION SYSTEM	EACH	1.0		1.0	
MISCELLANEOUS ELECTRICAL WORK	L SUM	1.0	1.0		
LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	3.0			3.0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1.0			1.0

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES
AND CONSTRUCTION NOTES

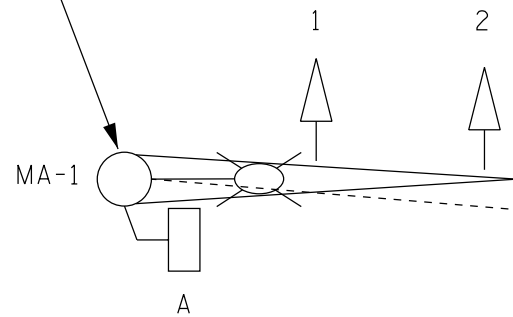
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317 (IL 9)	(46-1)RS-9; (L)RS-6	PEORIA	73	49
593 (US 24)			CONTRACT NO. 68B67	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

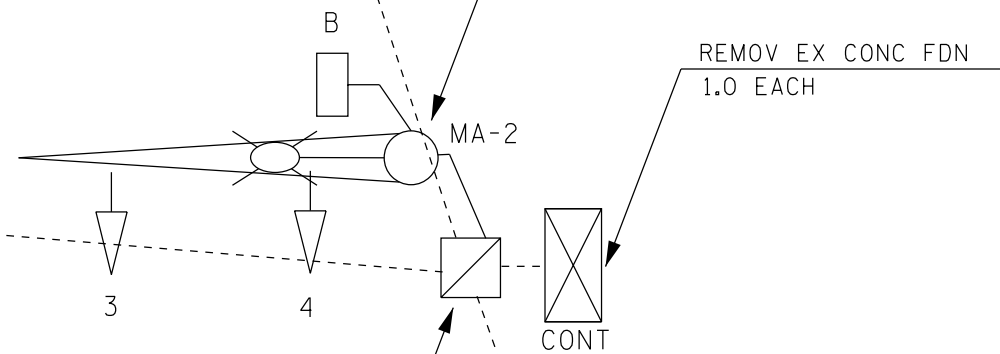
BILL OF MATERIALS US 24 & KEYSTONE - BARTONVILLE	UNIT	TOTAL QTY.
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
MISCELLANEOUS ELECTRICAL WORK	L SUM	1



REMOV EX CONC FDN
1.0 EACH



REMOV EX CONC FDN
1.0 EACH



REMOV EX CONC FDN
1.0 EACH

MISC ELECTRICAL WORK
1.0 L SUM

FIBER INTERCONNECT
TO SIGNALS AT US 24 &
MCCLURE

FIBER INTERCONNECT
TO SIGNALS AT US 24 &
PFEIFFER/ILLINOIS

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. FULL DEPTH SAW CUTS SHALL BE REQUIRED AT ALL REMOVAL LIMITS. IF THE CONTRACTOR REMOVES OR DAMAGES THE EXISTING SIDEWALK OR BITUMINOUS SURFACE OUTSIDE THE REMOVAL LIMITS DESIGNATED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE THAT PORTION AT THE CONTRACTOR'S EXPENSE.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT- QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)
THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC BUILDING, 1025 W. DETWEILLER DR., PEORIA. CONTACT ERIC HOWALD AT 671-4481 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

QTY.	ITEM
1.0	CONTROLLER CABINET, TYPE III AND CONTENTS

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

QTY.	ITEM
2.0	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
4.0	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1.0	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
2.0	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
ALL	ELECTRIC CABLE (INCLUDING ADVANCED DETECTOR LOOP CABLES)

EXISTING CONCRETE FOUNDATIONS FOR
MA-1, MA-2, AND THE CONTROLLER
FOUNDATION WILL BE REMOVED

ALL EXISTING HANDHOLES WILL REMAIN
IN PLACE FOR THE FIBER OPTIC
INTERCONNECT

THE ELECTRIC SERVICE CABLES SHALL BE DISCONNECTED AND REMOVED BY KEYSTONE. THE CONTRACTOR SHALL COORDINATE THE DISCONNECTION OF THE ELECTRICAL SERVICE WITH KEYSTONE BY NOTIFYING SHAWN COPE AT (800) 441-0308 A MINIMUM OF FIVE BUSINESS DAYS PRIOR TO SIGNAL REMOVAL.

THE EXISTING 12 MM/12 SM FIBER OPTIC CABLE SHALL BE PULLED INTO THE EXISTING HANDHOLE AND ALL FIBERS SHALL BE FUSION SPLICED USING A WEATHERPROOF FIBER OPTIC SPLICE ENCLOSURE. THIS WORK WILL BE PAID FOR UNDER THE PAY ITEM FOR MISC ELECTRICAL WORK.

EXISTING TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. CONDUIT
- EX. CONTROLLER CABINET
- EX. TRAFFIC SIGNAL HEAD
- EX. PEDESTRIAN SIGNAL HEAD
- EX. STL COMB MAST ARM ASSEMBLY AND POLE
- EX. LUMINAIRE

NOT TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL
US 24 (MCKINLEY) & KEYSTONE - BARTONVILLE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317 (IL 9)	(46-1)RS-9; (L)RS-6	PEORIA	73	50
593 (US 24)			CONTRACT NO. 68B67	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

THE EXISTING CONTROLLER CABINET SHALL BE MODIFIED TO ACCOMODATE THE PROPOSED PEDESTRIAN CROSSING ACROSS THE SOUTH LEG OF THE INTERSECTION. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR "MODIFY EXISTING CONTROLLER".

THE CONTRACTOR SHALL RE-USE EXISTING SIGNAL CABLES AS INDICATED ON THE CABLE DIAGRAM. THE CONTRACTOR SHALL CAREFULLY REMOVE THE CABLING FROM EXISTING MAST ARMS AND TRAFFIC SIGNAL POSTS, OBTAIN SLACK CABLE AS NEEDED FROM HANDHOLES, AND INSTALL IT INSIDE THE PROPOSED PEDESTRIAN POSTS. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATING THE EXISTING PEDESTRIAN PUSHBUTTONS.

THE EXISTING VIDEO DETECTION SYSTEM AND CABLES SHALL BE COMPLETELY REMOVED FROM THE INTERSECTION. THE CONTRACTOR SHALL DISPOSE OF THE VIDEO DETECTION CABLE AND SHALL DELIVER THE CAMERAS AND VIDEO PROCESSOR EQUIPMENT TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED VIDEO DETECTION SYSTEM.

THE CONTRACTOR SHALL FILL ALL HOLES IN MAST ARMS AND TRAFFIC SIGNAL POSTS CREATED BY THE REMOVAL AND RELOCATION OF PEDESTRIAN PUSHBUTTONS BY INSTALLING STAINLESS STEEL BOLTS IN EXISTING THREADED HOLES AND HOLE PLUGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSHBUTTON RELOCATION.

BILL OF MATERIALS US 24 & PFEIFFER/ILLINOIS - BARTONVILLE		
	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA	FOOT	30.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	406.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
DRILL EXISTING HANDHOLE	EACH	3.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0
PEDESTRIAN PUSH-BUTTON	EACH	2.0
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	5.0
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1.0
MODIFY EXISTING CONTROLLER	EACH	1.0
VIDEO DETECTION SYSTEM	EACH	1.0

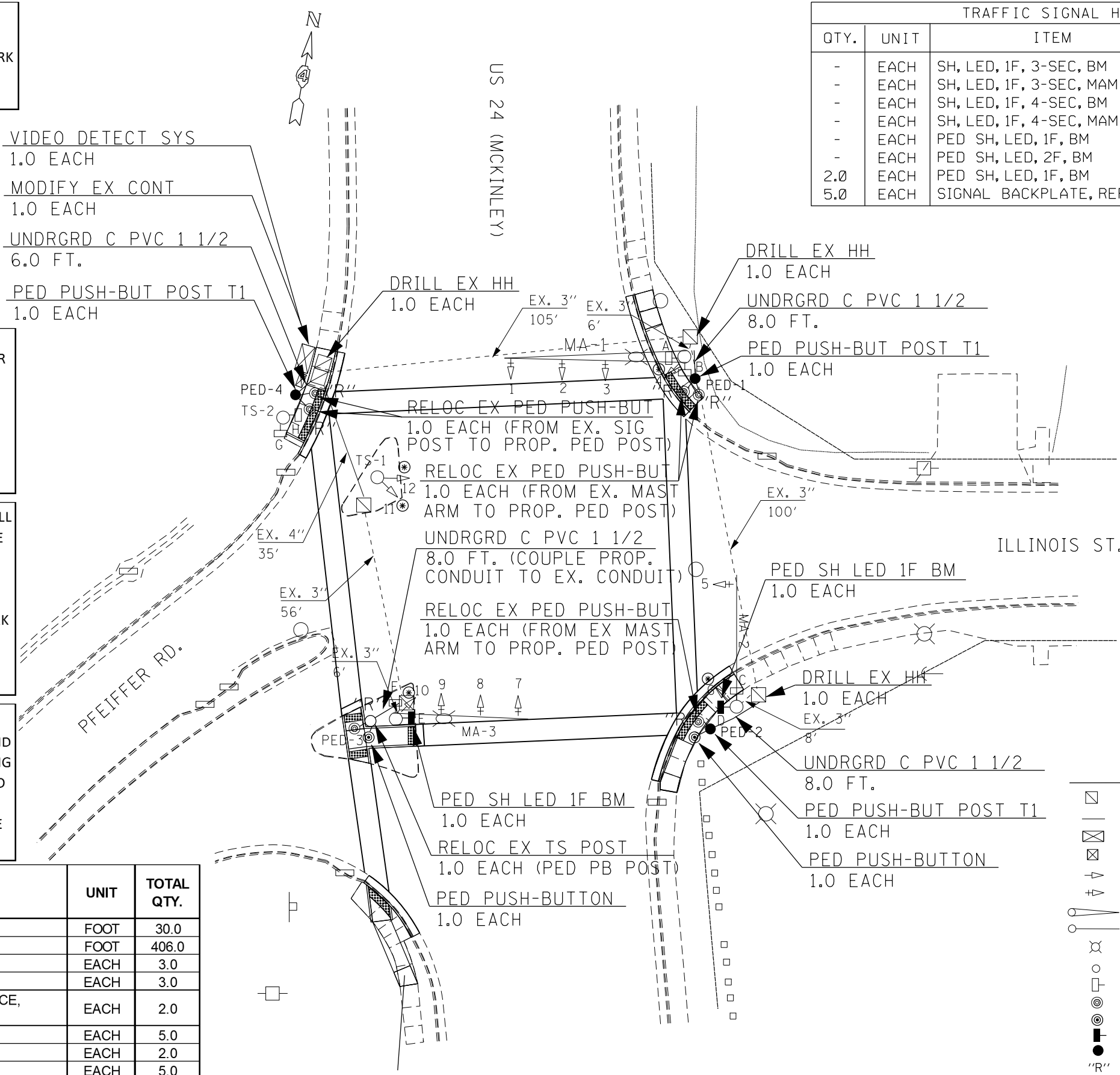
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PLOT DATE = 10/20/2017		CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS
US 24 (MCKINLEY) & PFEIFFER / ILLINOIS - BARTONVILLE**

F.A.P. RTE. 317 (IL 9)	SECTION (46-1)RS-9; (L)RS-6	COUNTY PEORIA	TOTAL SHEETS 73	SHEET NO. 51
593 (US 24)			CONTRACT NO. 68B67	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

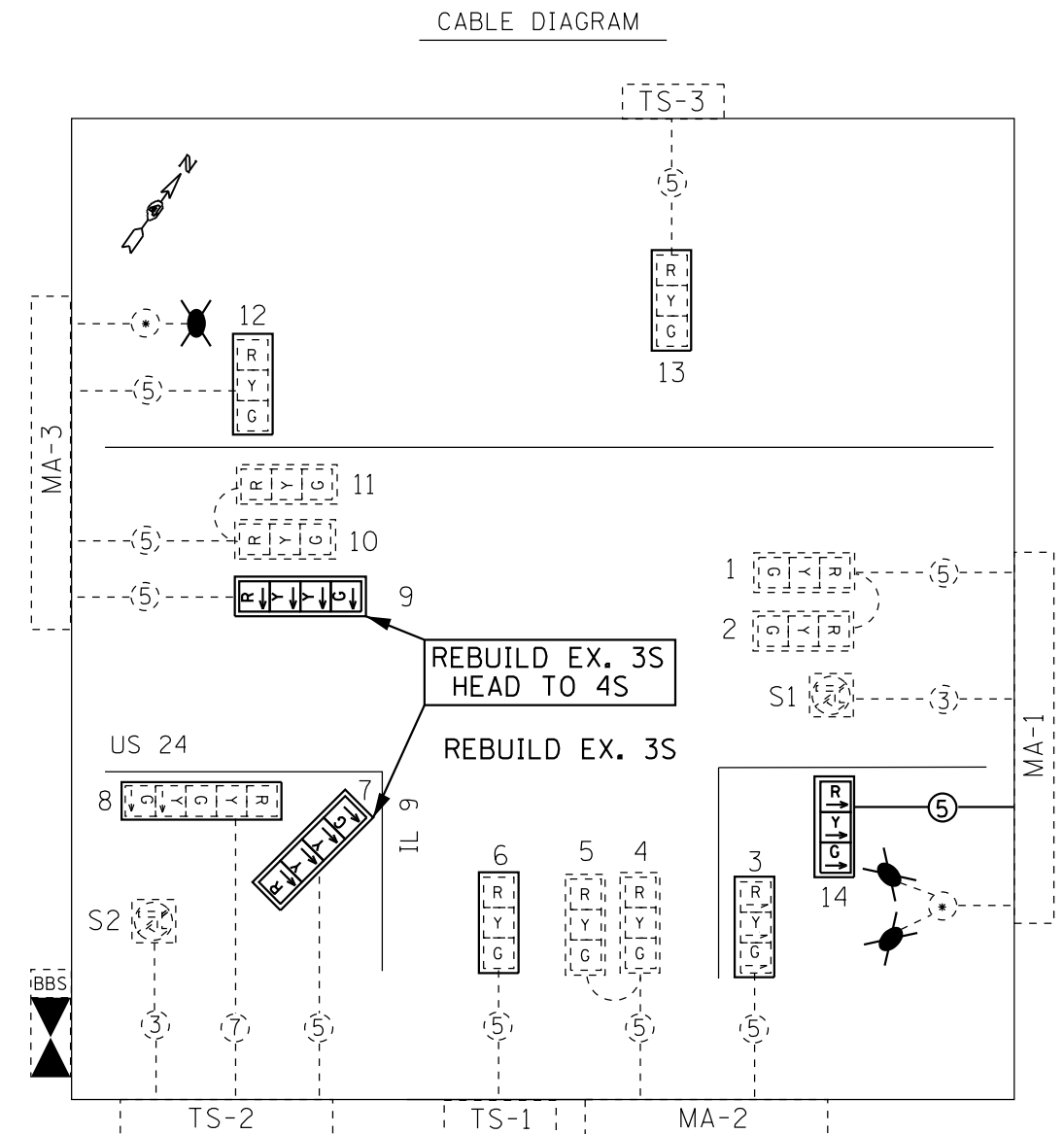
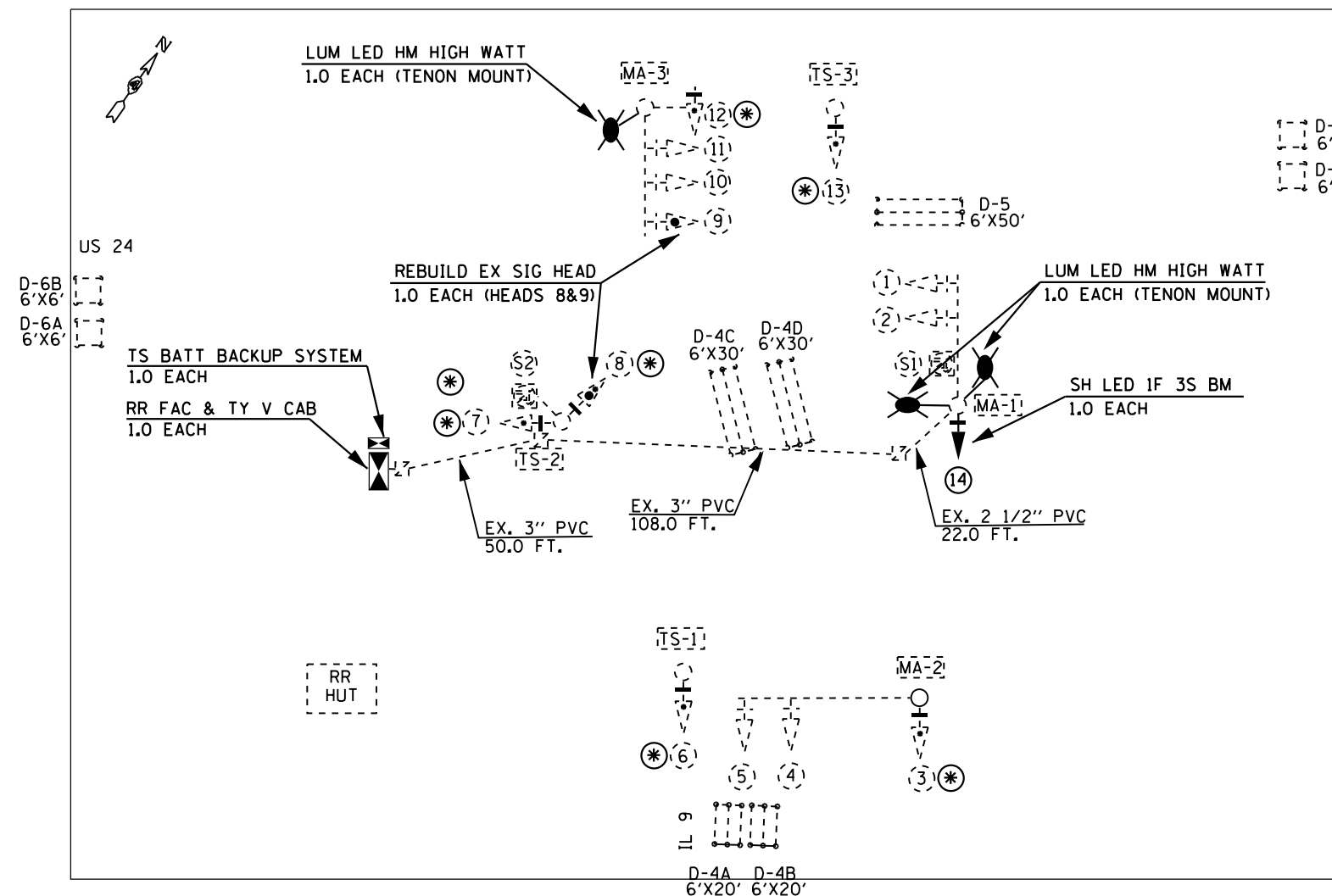
TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
-	EACH	SH, LED, 1F, 3-SEC, BM	4,10,12 (EXISTING)
-	EACH	SH, LED, 1F, 3-SEC, MAM	2,3,5,8,9 (EXISTING)
-	EACH	SH, LED, 1F, 4-SEC, BM	6,11 (EXISTING)
-	EACH	SH, LED, 1F, 4-SEC, MAM	1,7 (EXISTING)
-	EACH	PED SH, LED, 1F, BM	C,F (EXISTING)
-	EACH	PED SH, LED, 2F, BM	(A,B),(G,H) (EXISTING)
2.0	EACH	PED SH, LED, 1F, BM	D,E (PROPOSED)
5.0	EACH	SIGNAL BACKPLATE, REFLECTIVE	4,6,10,11,12 (PROPOSED)



TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. CONDUIT
- ⊠ EX. CONTROLLER CABINET (SIGNAL)
- ⊞ EX. PHOTOCELL RELAY
- △ EX. TRAFFIC SIGNAL HEAD
- △ EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
- ⊞ EX. STL COMB MAST ARM ASSEMBLY
- EX. STL MAST ARM ASSEMBLY AND POLE
- ⊗ EX. LUMINAIRE
- EX. TRAFFIC SIGNAL POST
- EX. PEDESTRIAN SIGNAL HEAD
- ⊙ EX. PEDESTRIAN PUSHBUTTON
- ⊙ PROP. PEDESTRIAN SIGNAL HEAD
- ⊞ PROP. PEDESTRIAN PUSHBUTTON
- PROP. PED PUSHBUTTON POST TYPE I
- "R" INDICATES EX. ITEM TO BE RELOCATED
- ⊙ INDICATES PROP. BACKPLATE INSTALLED ON EX. SIGNAL HEAD

NOT TO SCALE

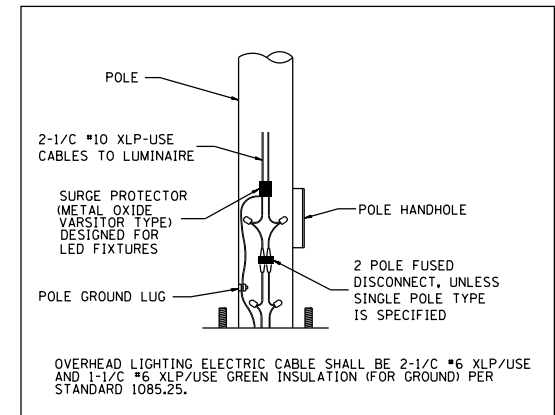
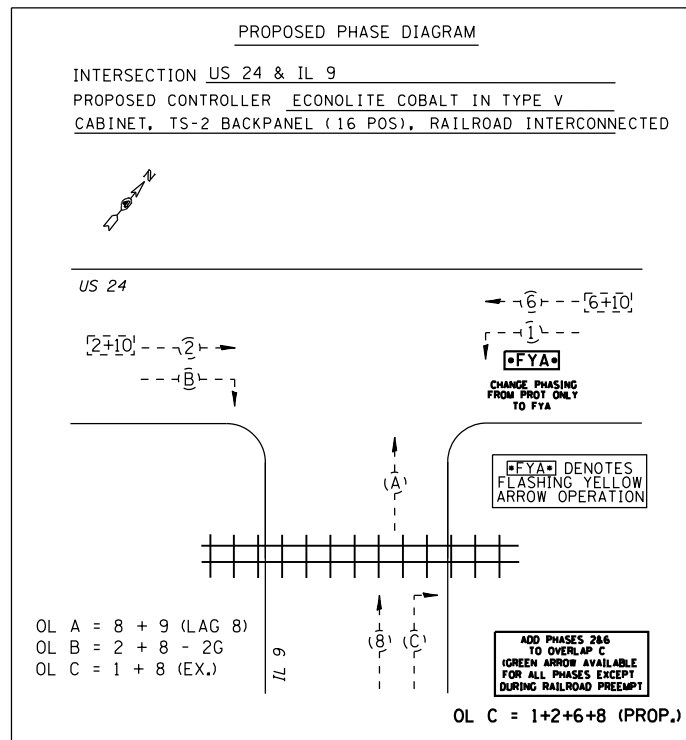


TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
-	EACH	SH, LED, 1F, 3-SEC, BM	3,6,12,13 (EXISTING)
1.0	EACH	SH, LED, 1F, 3-SEC, BM	14 (PROPOSED)
-	EACH	SH, LED, 1F, 3-SEC, MAM	1,2,4,5,10,11 (EXISTING)
-	EACH	SH, LED, 1F, 5-SEC, BM	7 (EXISTING)
-	EACH	SIGNAL BACKPLATE, REFLECTIVE	1,2,4,5,10,11 (EXISTING)
7.0	EACH	SIGNAL BACKPLATE, REFLECTIVE	3,6,7,8,12,13,14 (PROPOSED)

BILL OF MATERIALS US 24 & IL 9 - ORCHARD MINES			UNIT	TOTAL QTY.
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET			EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C			FOOT	223.5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED			EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE			EACH	7.0
INDUCTIVE LOOP DETECTOR			EACH	10.0
DETECTOR LOOP, TYPE I			FOOT	750.0
REBUILD EXISTING SIGNAL HEAD			EACH	2.0
SPARE FULL ACTUATED CONTROLLER, SPECIAL			EACH	1.0
LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE			EACH	3.0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM			EACH	1.0

- TRAFFIC SIGNAL LEGEND
- EX. HANDHOLE
 - EX. CONDUIT
 - ⊢ EX. TRAFFIC SIGNAL HEAD
 - ⊢ EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
 - ⊢ EX. STL COMB MAST ARM ASSEMBLY
 - EX. TRAFFIC SIGNAL POST
 - ⊛ PROP. LUMINAIRE
 - ⊞ EX. CONTROLLER CABINET (SIGNAL)
 - ⊞ PROP. BBS CABINET
 - ⑤ PROP. 5/C #14 SIGNAL CABLE
 - ⊢ EX. SIGNAL HEAD TO BE REBUILT
 - ⊢ PROP. SIGNAL HEAD WITH BACKPLATE
 - ⊛ INDICATES PROP. BACKPLATE INSTALLED ON EX. SIGNAL HEAD

NOT TO SCALE

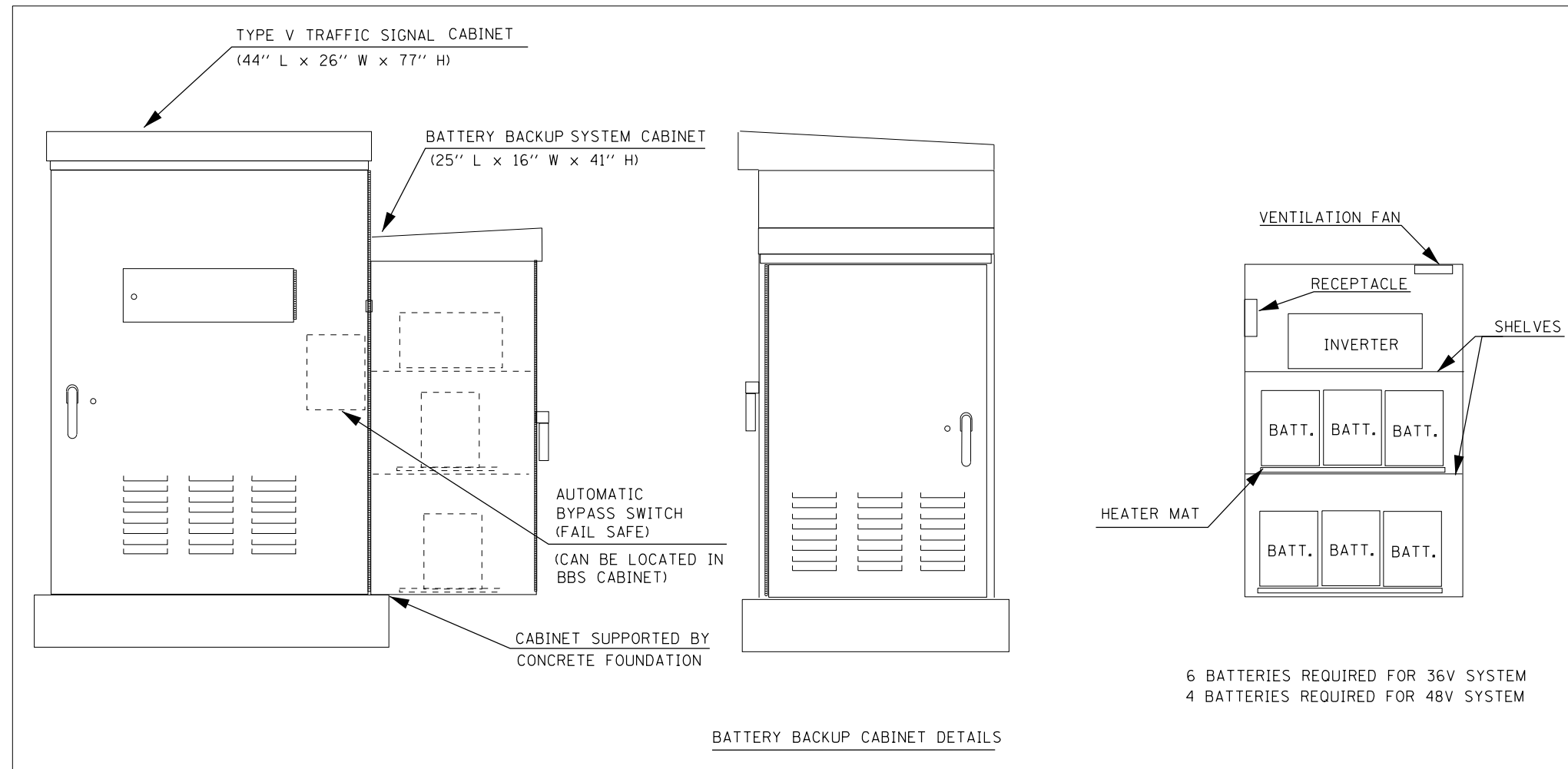


EXISTING AND PROPOSED RAILROAD PREEMPTION PARAMETERS							
PREEMPT 1 (SUPERVISORY CIRCUIT)				PREEMPT 2 (RAILROAD)			
PRIORITY PREEMPTION: YES				PRIORITY PREEMPTION: YES			
HOLD FLASH: YES				HOLD FLASH: NO			
TRACK CLEAR PHASE: 9				TRACK CLEAR PHASE: 9			
DURATION TIME: 0				HOLD PHASES: 10			
DELAY TIME: 1				EXIT PHASES: 8			
INHIBIT TIME: 0				EXIT CALLS: 1			
EXIT MAX: 0				DURATION TIME: 0			
MAX TIME: 0				DELAY TIME: 1			
MINIMUM HOLD TIME: 15				INHIBIT TIME: 0			
HOLD DELAY TIME: 0				EXIT MAX: 0			
				MAX TIME: 0			
				MINIMUM HOLD TIME: 15			
				HOLD DELAY TIME: 4			
WB LEFT TURN PHASE 1 SHALL BE RED DURING PREEMPT 2							
MINIMUM	GREEN	YELLOW	RED	MINIMUM	GREEN	YELLOW	RED
	1.0	4.5	2.0		1.0	4.5	2.0
TRACK CLR	17.0	4.5	2.0	TRACK CLR	17.0	4.5	2.0

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	INDUCTIVE LOOP AMPLIFIER
D-2A, D-2B	6' X 6' (ADVANCED)	48	42	2	2
D-4A	6' X 20' QUAD	72	6	4	1
D-4B	6' X 20' QUAD	72	22	4	1
D-4C	6' X 30' QUAD	102	24	4	1
D-4D	6' X 30' QUAD	102	12	4	1
D-5	6' X 50' QUAD	162	20	5	1
D-6A, D-6B	6' X 6' (ADVANCED)	48	18	6	2
TOTAL:		606	144		9

PREEMPTION SEQUENCE NOTES:

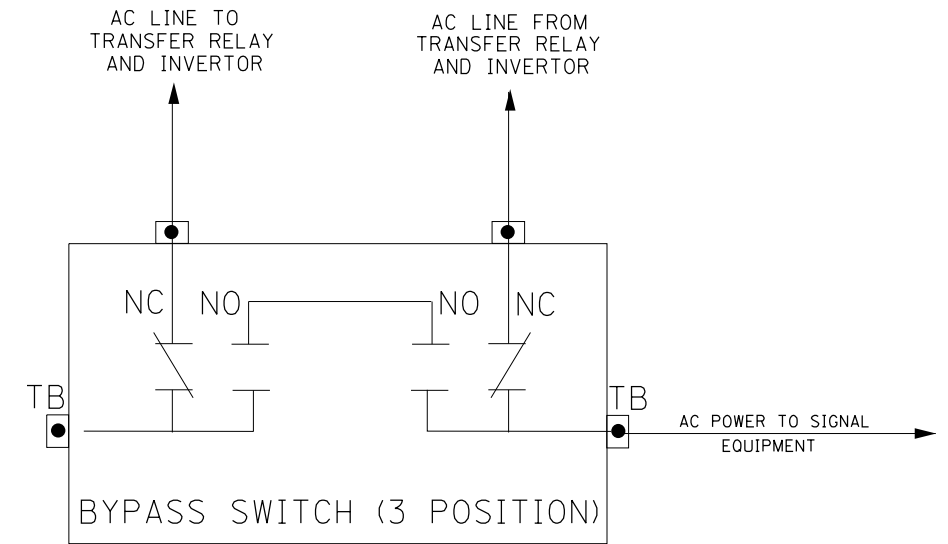
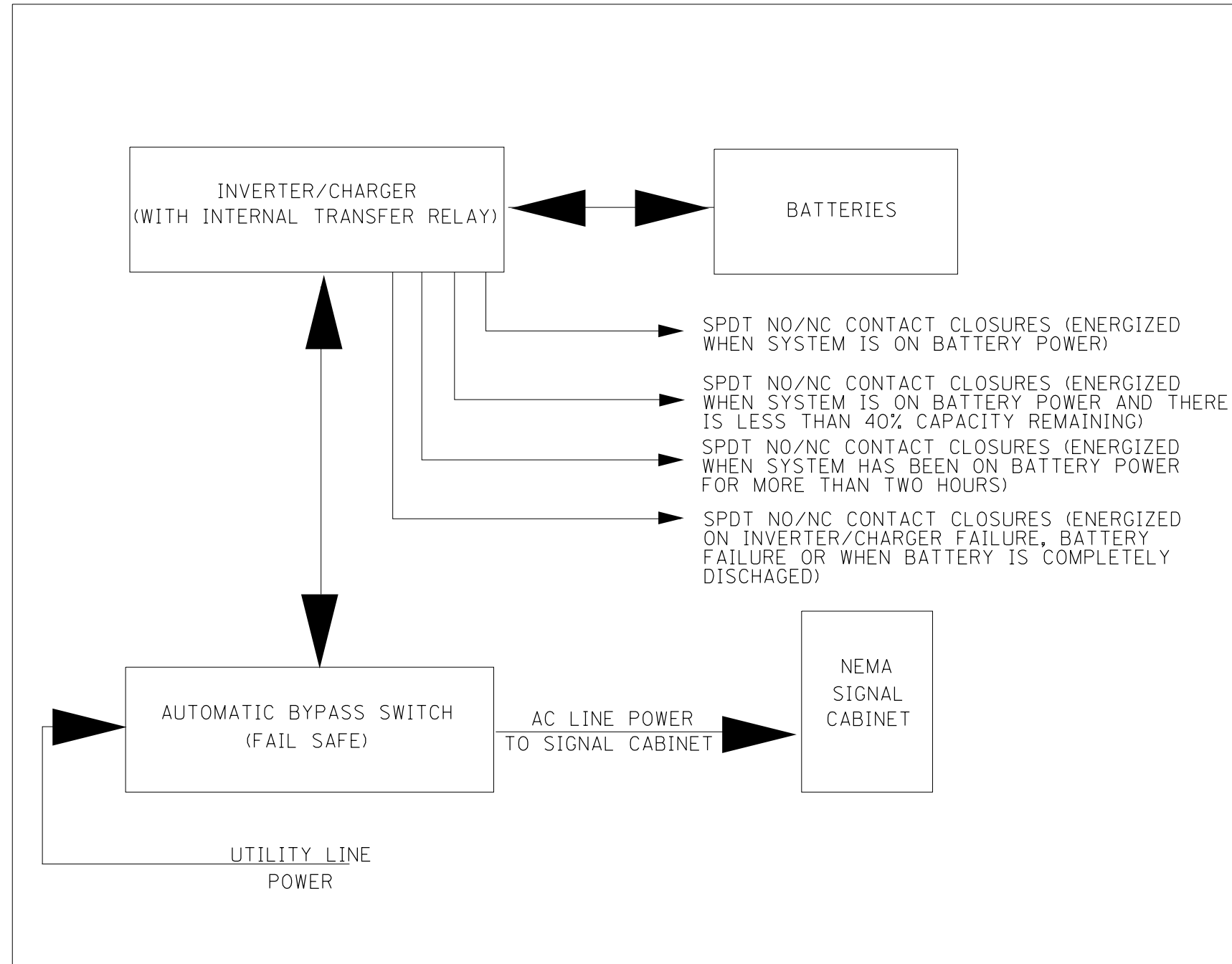
1. UPON RR PREEMPTION, BLANK OUT SIGNS SHALL ILLUMINATE AND ACTIVE VEHICLE PHASES SHALL TERMINATE TO PHASE 9 (TRACK CLEARANCE).
2. AFTER THE TRACK CLEARANCE INTERVAL HAS COMPLETED, THE CONTROLLER SHALL DWELL IN PHASES 2 AND 6.
3. UPON COMPLETION OF RR PREEMPTION, BLANK OUT SIGNS SHALL TURN OFF AND THE CONTROLLER SHALL RESUME NORMAL OPERATION.



NOTES

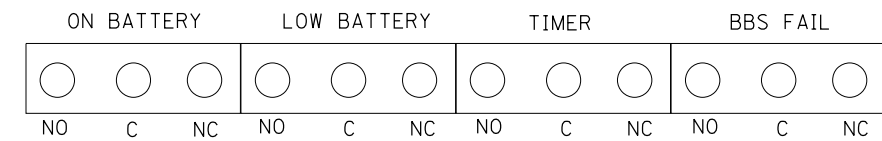
1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE PROPOSED TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE SIGNAL CABINETS).

FILE NAME = C:\Users\aubreygs\Desktop\68B67\468B67-sh1-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BATTERY BACKUP SYSTEM CABINET DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -					317 (IL 9)	(46-1)RS-9; (L)RS-6	PEORIA	73	55
PLOT DATE = 10/20/2017	CHECKED -	REVISED -	593 (US 24)		CONTRACT NO. 68B67			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



NOTES:

1. TB - #8 TERMINAL BLOCKS
2. NO - NORMALLY OPEN
3. NC - NORMALLY CLOSED
4. NO/NC CONTACTS SHALL ALL TOGGLE SIMULTANEOUSLY WITH A SINGLE MANUALLY OPERATED SWITCH.
5. THE MANUAL BYPASS SWITCH SHALL ONLY SWITCH LINE POWER. THE NEUTRAL AND EQUIPMENT GROUND SHALL NOT BE SWITCHED AND SHALL BE CONNECTED TO THE NEMA CABINET BUSES.



NO/NC CONTACTS MAY SHARE OR USE SEPARATE COMMONS.

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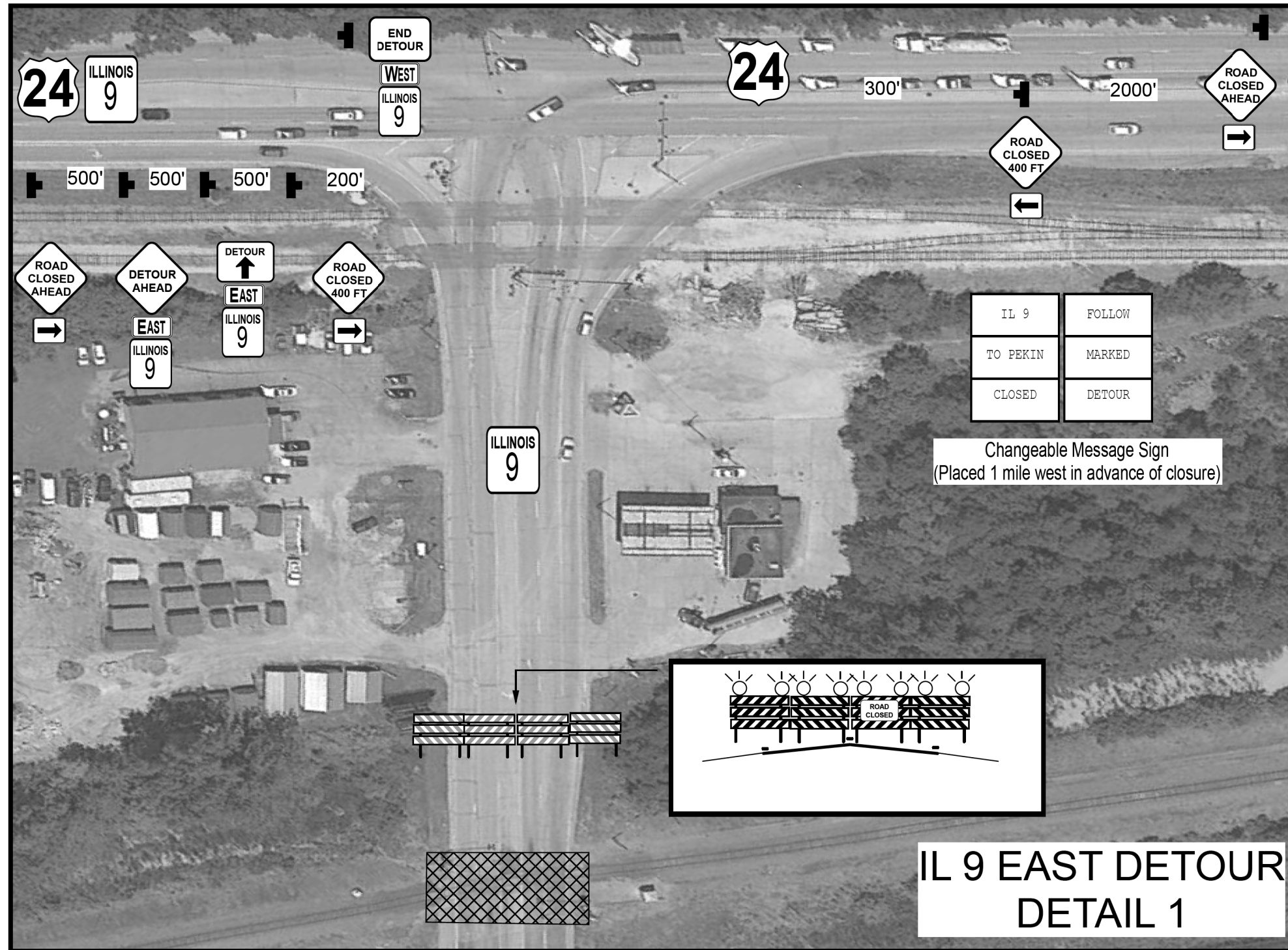
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BATTERY BACKUP SYSTEM BLOCK AND BYPASS SWITCH DIAGRAMS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317 (IL 9)	(46-1)RS-9; (L)RS-6	PEORIA	73	57
593 (US 24)			CONTRACT NO. 68B67	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

IL 9/ US 24 Intersection



IL 9	FOLLOW
TO PEKIN	MARKED
CLOSED	DETOUR

Changeable Message Sign
(Placed 1 mile west in advance of closure)

IL 9 EAST DETOUR
DETAIL 1

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User: aubreys (Desktop) (6867) (D:\6867-2ht-Detour.dgn)

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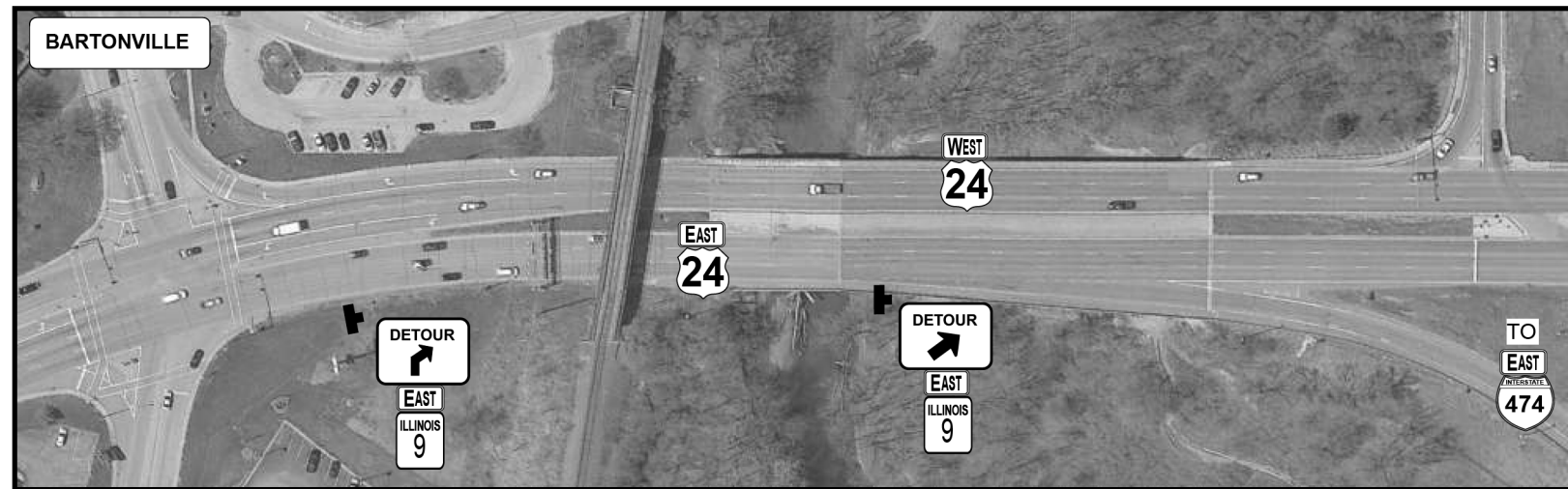
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
(SPECIAL) EAST DETOUR 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	58
** FAP 317/ FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

US 24 & 474 INTERCHANGE

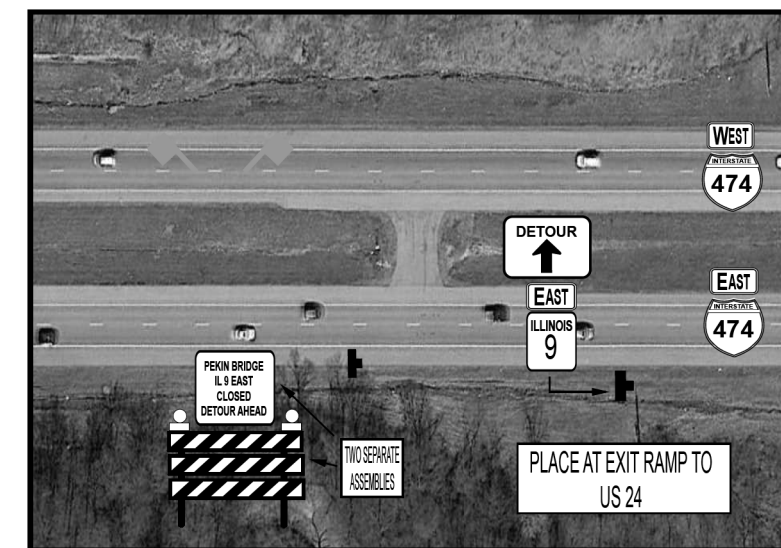


474 / US 24 @ IL 29 INTERCHANGE

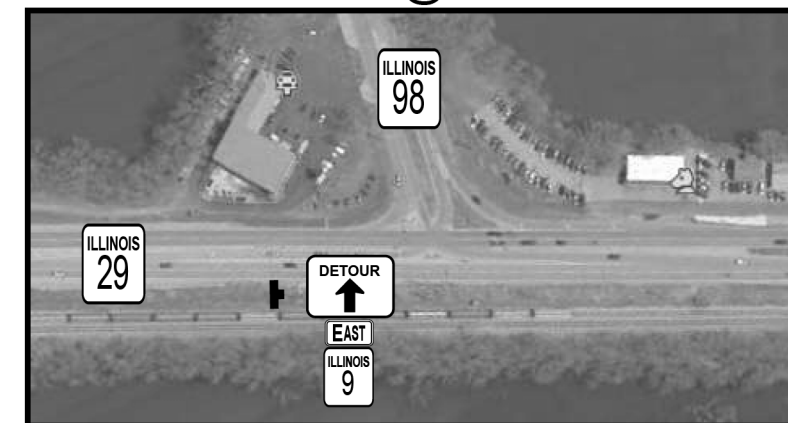


IL 9/29 IN PEKIN

474 ~1/2 MI. WEST OF US 24



IL 29 @ IL 98



IL 9 EAST DETOUR
DETAIL 3

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
(SPECIAL) EAST DETOUR 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	60
** FAP 317/ FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

EAST END OF PEKIN BRIDGE



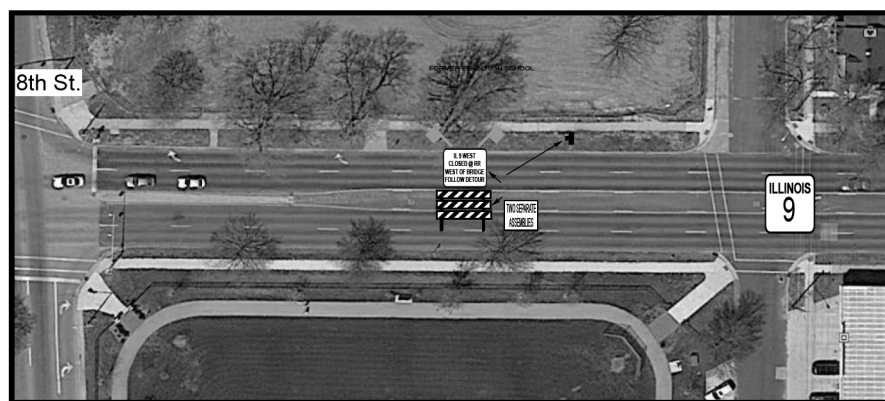
IL 29 NORTH & IL 9 EAST



IL 29 NORTH & IL 9 EAST



IL 29 NORTH



IL 9 WEST

IL 9 WEST DETOUR
DETAIL 1

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PLOT DATE = 10/19/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
(SPECIAL) WEST DETOUR 1

SCALE: SHEET OF SHEETS STA. TO STA.

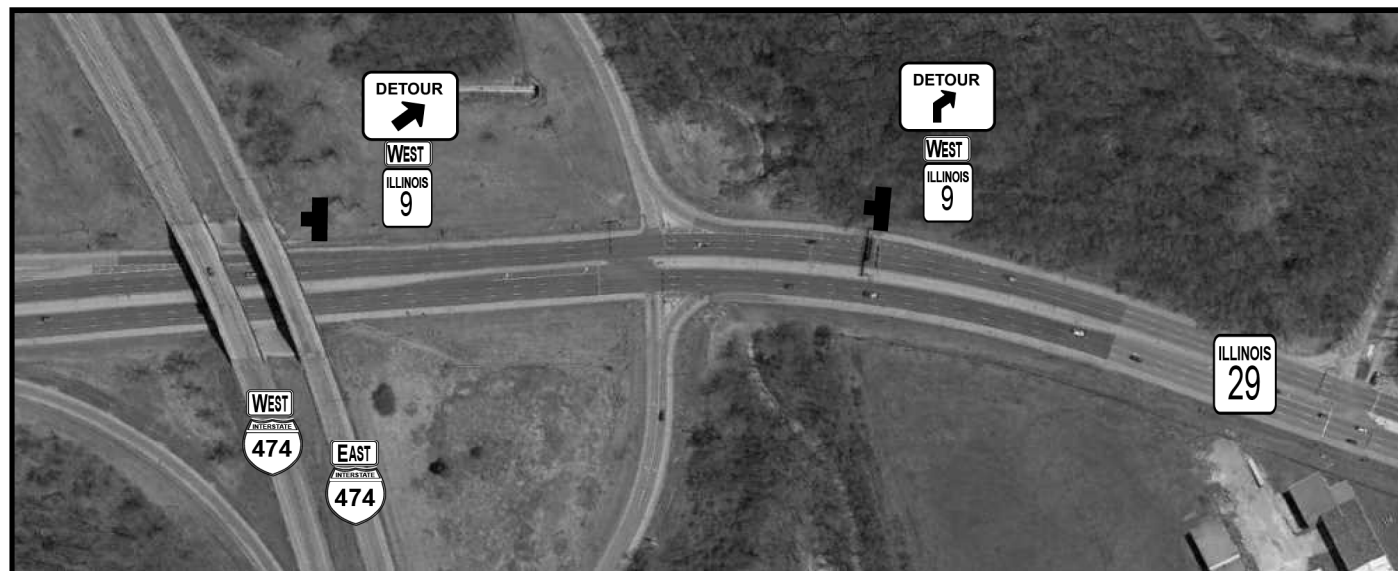
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	61
** FAP 317/ FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				

IL 9 WEST



I 474 @ IL 29

IL 29 - NORTH PEKIN



IL 9 WEST DETOUR
DETAIL 2

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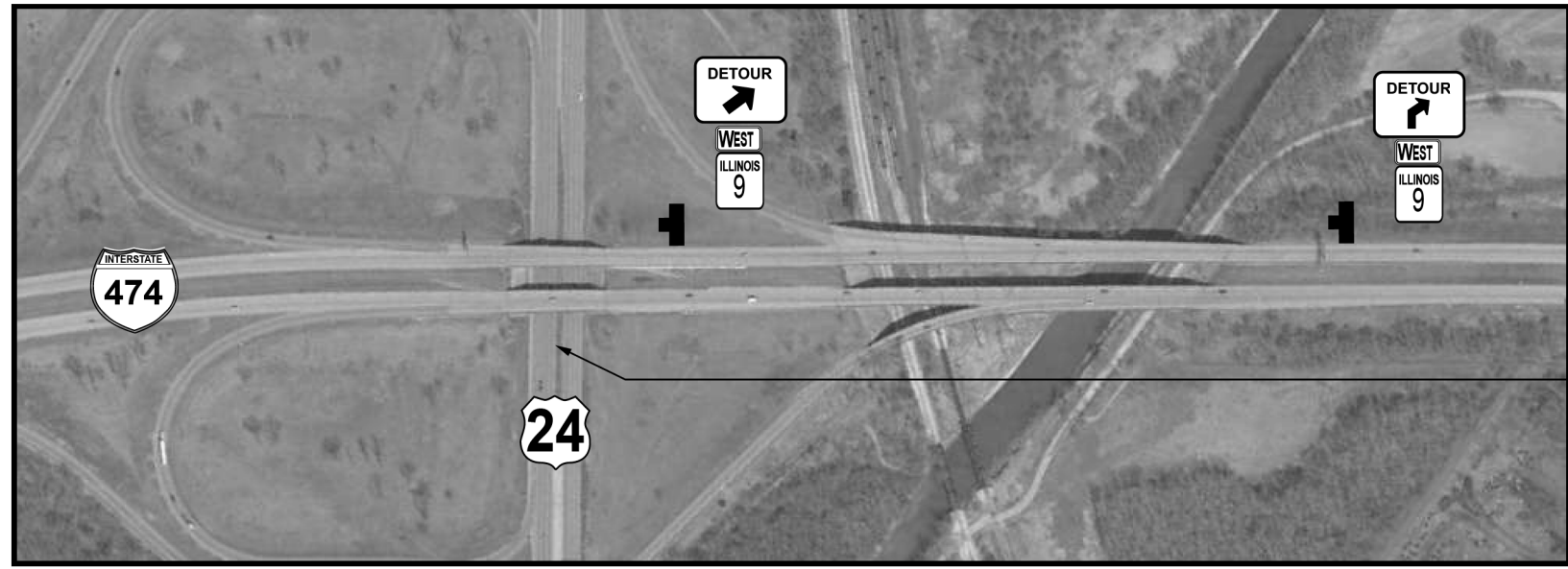
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
(SPECIAL) WEST DETOUR 2

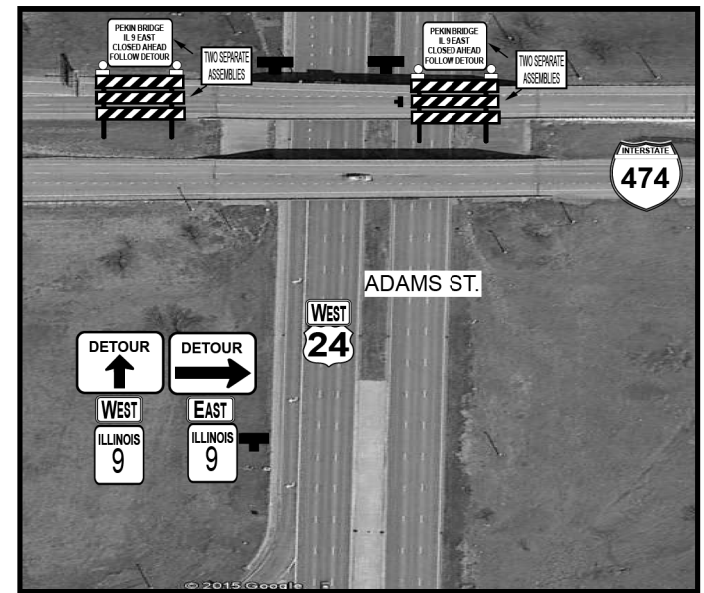
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	62
** FAP 317/ FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				

I-474 @ US 24



I-474 @ US 24



BARTONVILLE @ US 24



IL 98 @ IL 29



IL 9 WEST DETOUR
DETAIL 3

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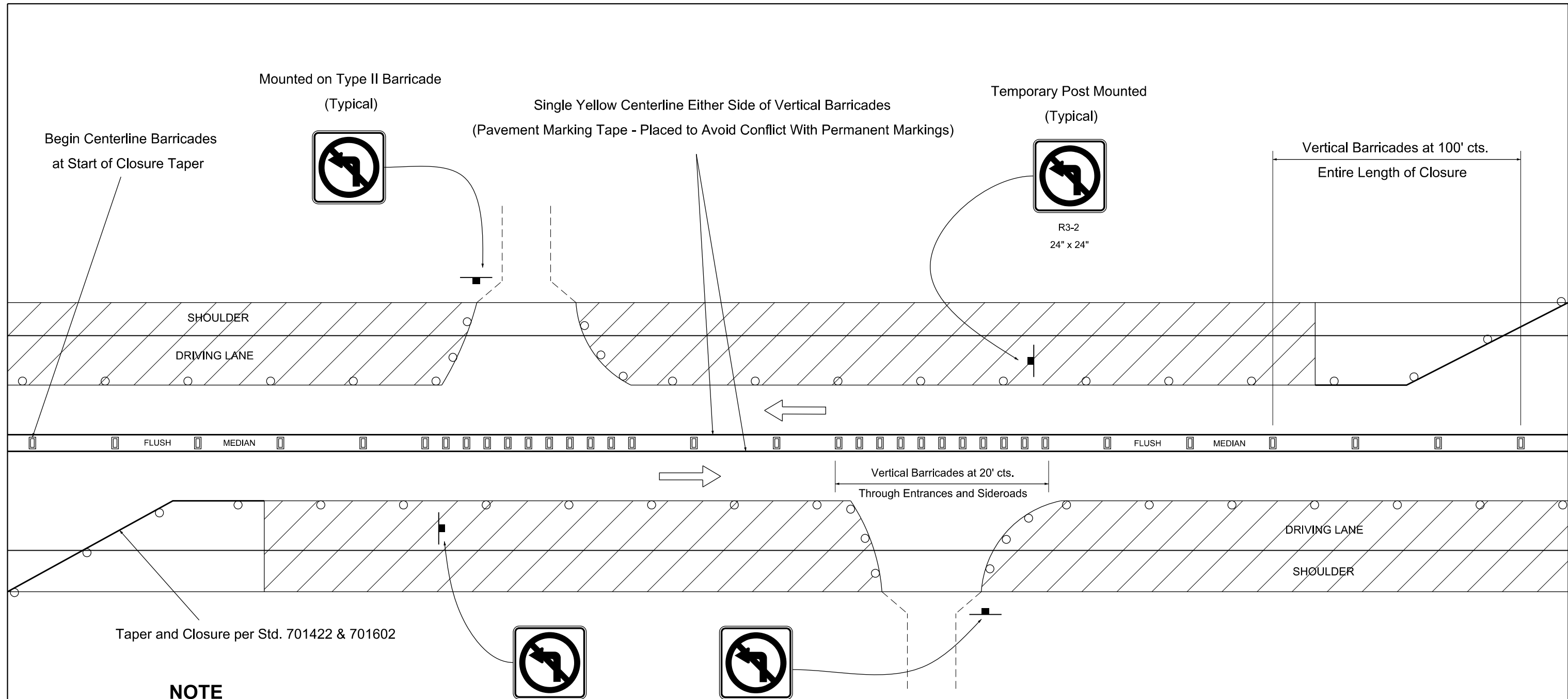
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PLOT DATE = 10/19/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
(SPECIAL) WEST DETOUR 3

SCALE: SHEET OF SHEETS STA. TO STA.

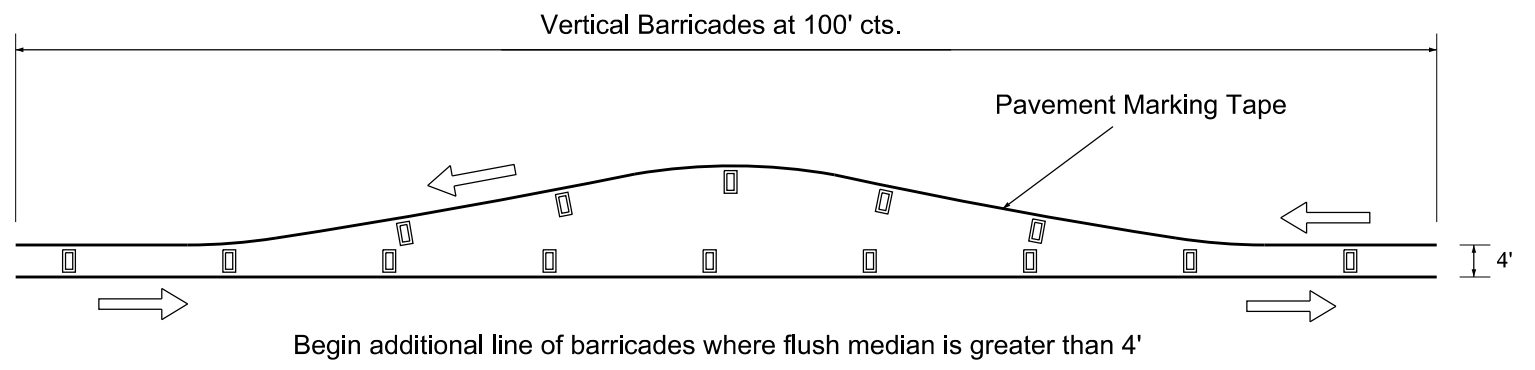
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	63
** FAP 317/ FAP 693		CONTRACT NO. 68B67		
ILLINOIS FED. AID PROJECT				



NOTE

This traffic control configuration shall be used to delineate head to head traffic at centerline and to restrict left turn and cross over movements at entrances and side roads. Applicable where flush median is present. Do not place barricades at centerline in curb and gutter sections due to lane width constraints except where directed by the Engineer. Centerline barricades shall be present any time traffic is restricted to adjacent head to head lanes regardless of the presence of existing, temporary, or permanent pavement markings. Signs to be relocated as needed and maintained during all stages.

- Device per Std. 701422 & 701602
- ▭ Vertical barricade
- Sign
- ▨ Work area



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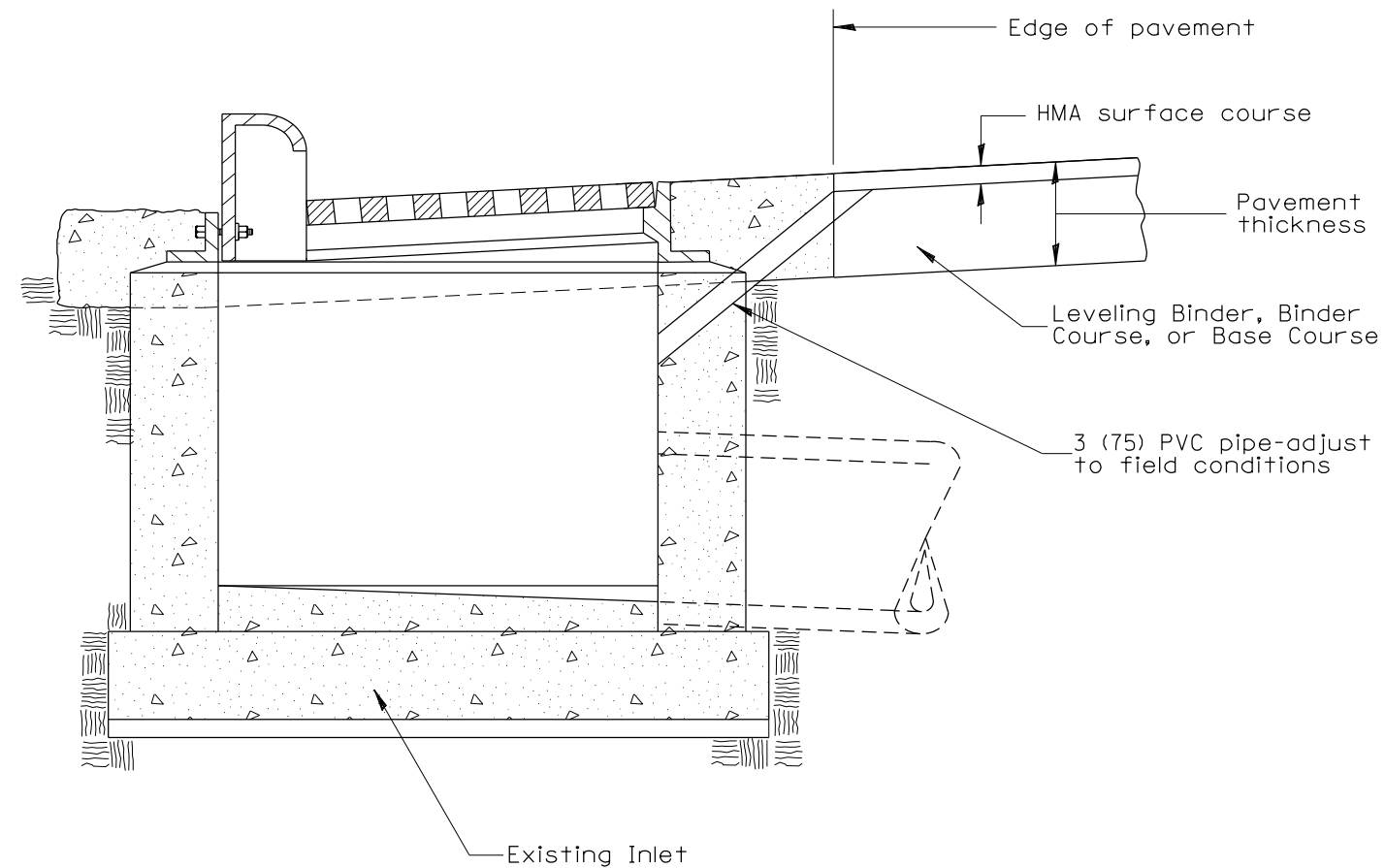
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PLOT DATE = 10/20/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL STAGING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	64
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

1. Temporary Drainage - This work consists of furnishing and installing a 3 (75) PVC pipe in the existing inlets to facilitate drainage off the pavement prior to the placement of HMA surface course.
2. Adequate pavement drainage shall be maintained during all phases of construction on milled and leveling binder surfaces.
3. The PVC pipe is to be plugged at both ends with non-shrink hydraulic cement prior to surface course placement.
4. This detail applies to the referenced locations. However, the Engineer reserves the right to move or add locations at his or her discretion. Additional locations treated in excess of the quantity shown will be paid for in accordance with Article 109.04.

LOCATIONS:

- | | |
|-------------------|------------------------------|
| 1. STA. 76+54 RT | 11. 100+93 RT |
| 2. STA. 80+40 RT | 12. 104+94 RT |
| 3. STA. 81+37 LT | 13. 108+74 RT |
| 4. STA. 81+49 RT | 14. 111+76 LT |
| 5. STA. 85+21 RT | 15. 112+38 RT |
| 6. STA. 86+44 LT | 16. 116+00 RT |
| 7. STA. 88+59 RT | 17. 116+11 LT |
| 8. STA. 91+30 RT | 18. 116+89 RT |
| 9. STA. 94+09 RT | 19. 121+14 LT (Double Inlet) |
| 10. STA. 98+24 RT | 20. 121+14 LT (Double Inlet) |

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

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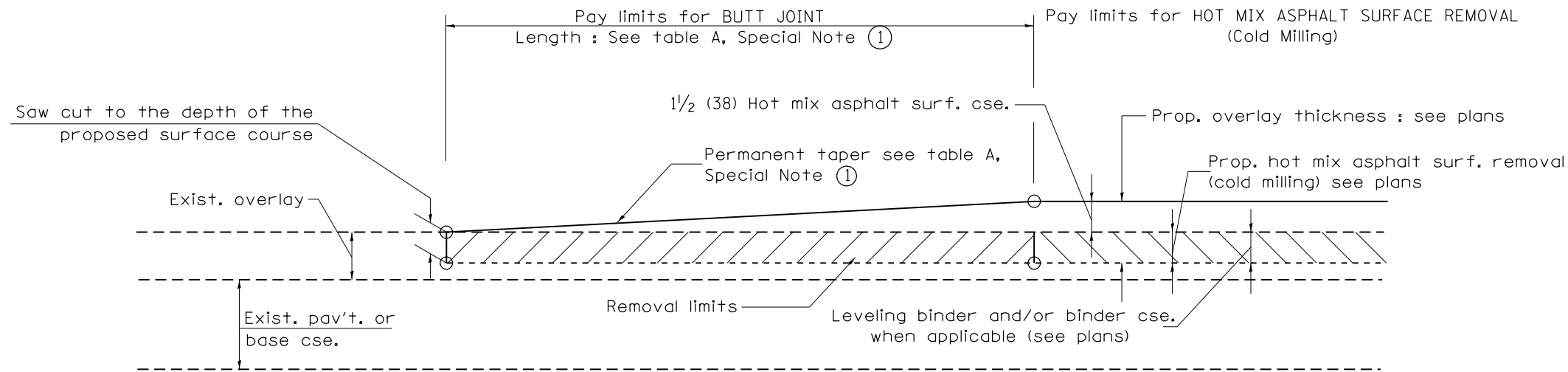
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PLOT DATE = 10/20/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INLET DRAINAGE TREATMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9: (L)RS-6	PEORIA	73	65
** FAP 317: FAP 693			CONTRACT NO. 68B67	
ILLINOIS FED. AID PROJECT				



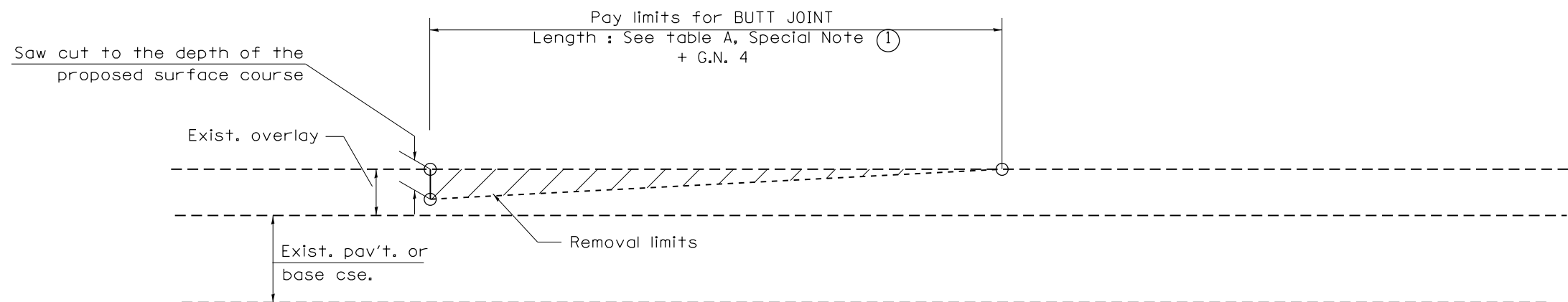
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

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.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



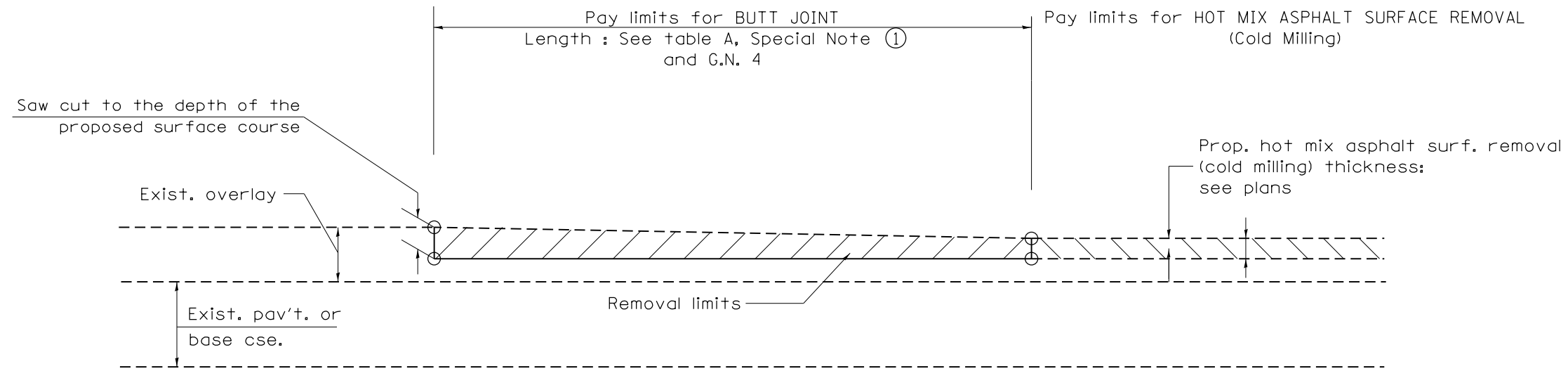
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

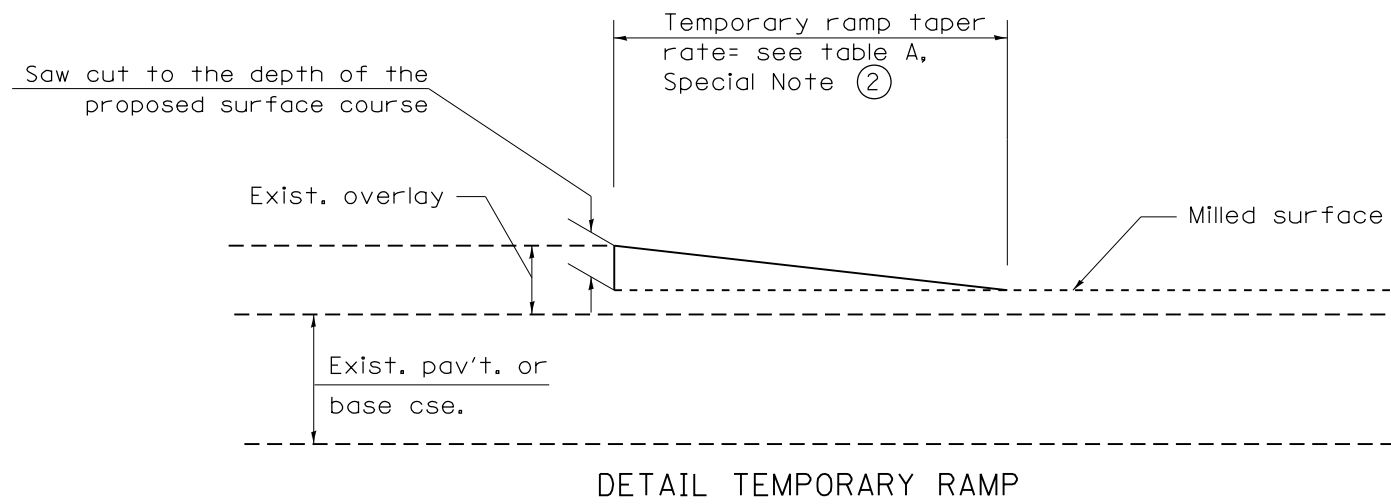
01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.			**	(46-1)RS-9; (L)RS-6	PEORIA	73	66
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.			** 317; 693	CONTRACT NO. 68B67			
10-16-06	REVISED TO 2007 SPEC.	M.A.	02-14-17	ADDED NOTE 5	R.D.			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4



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

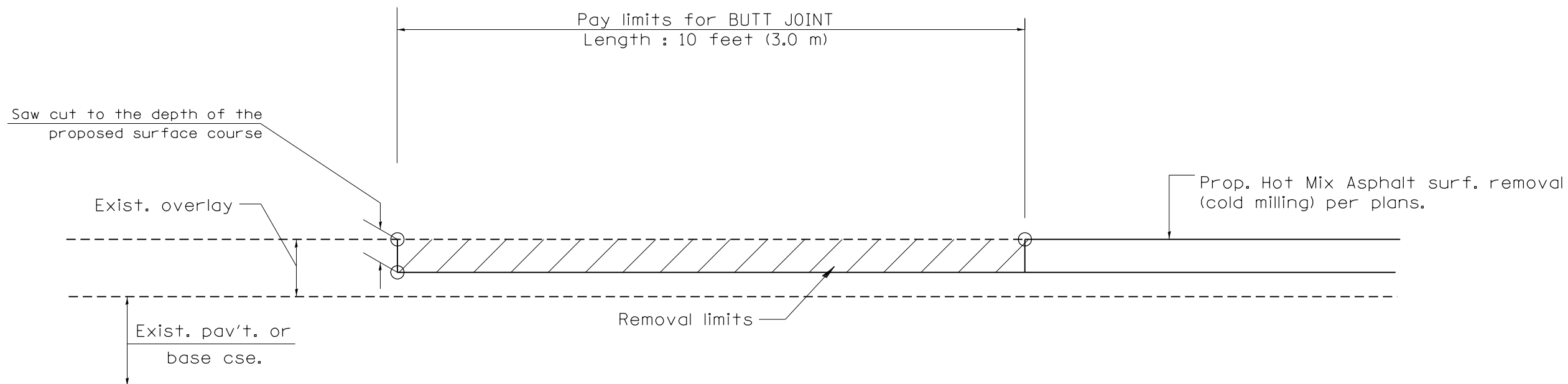


All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS	BUTT JOINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				DEPARTMENT OF TRANSPORTATION		••	(46-1)RS-9; (L)RS-6	PEORIA	73	67
						••	317; 693		CONTRACT NO. 68B67	
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOT TO SCALE

SHT. 2 OF 3
 CADD STD. 406101-D4



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

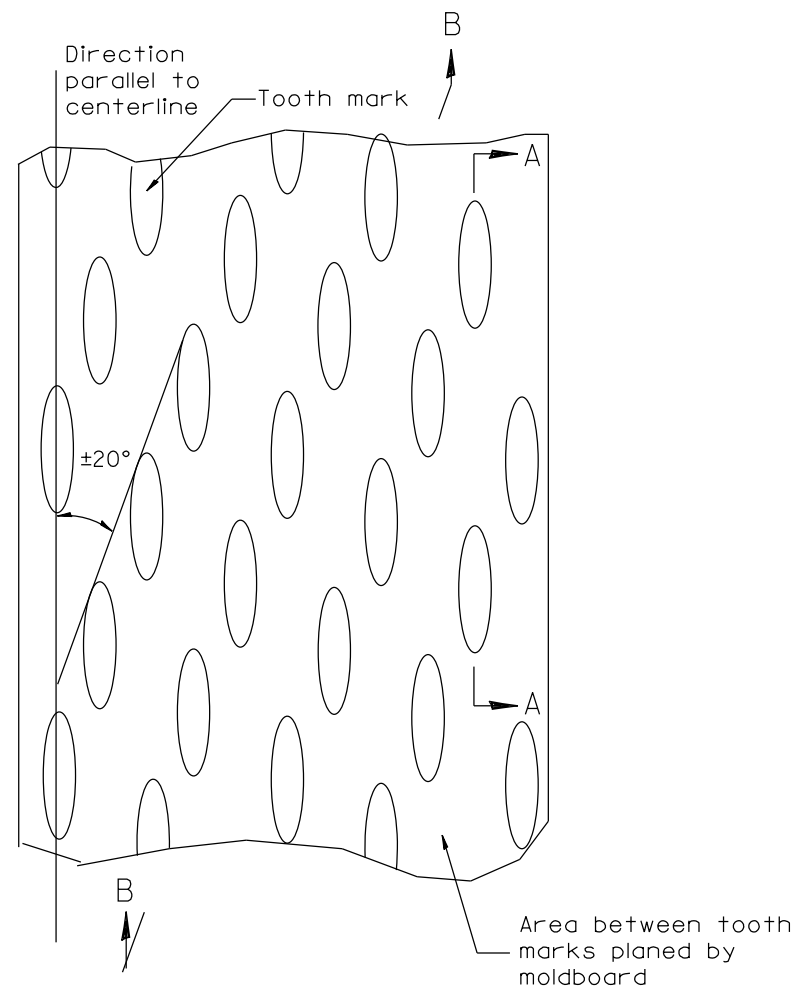
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

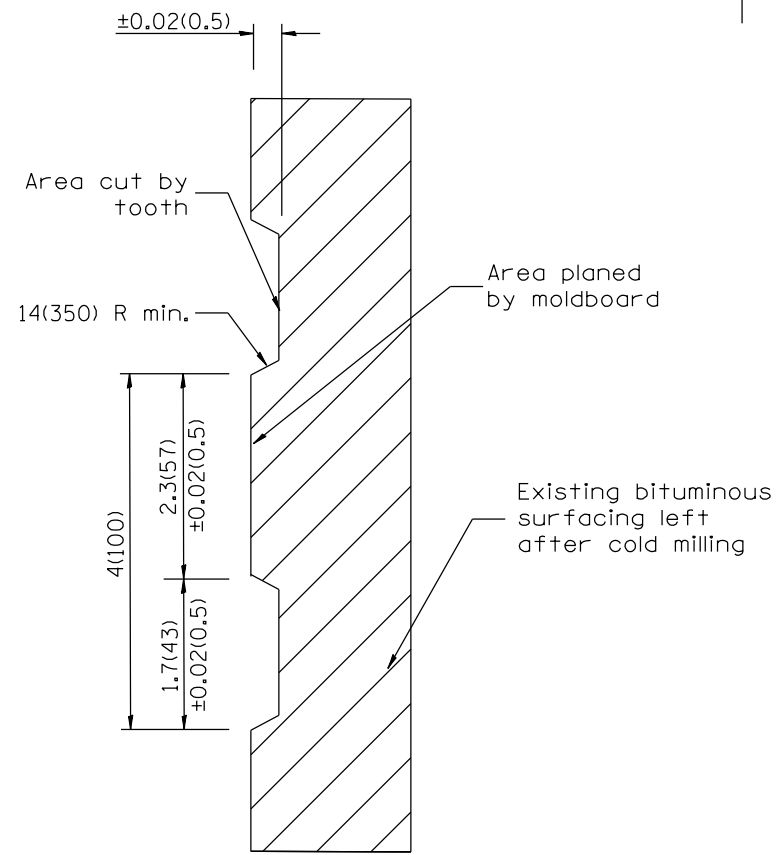
NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

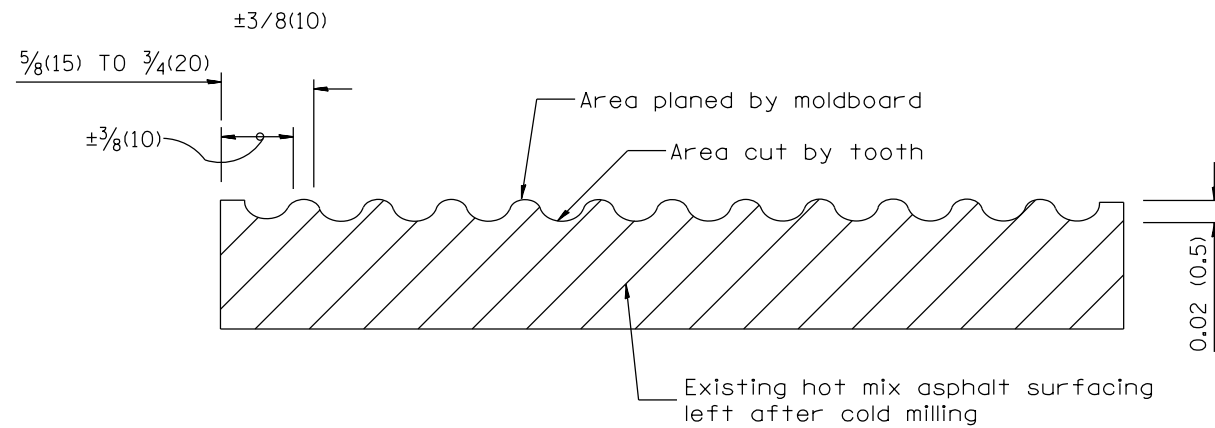
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	(46-1)RS-9; (L)RS-6	PEORIA	73	68
••	317; 693	CONTRACT NO. 68B67		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN



SECTION A-A



SECTION B-B PROJECTED PERPENDICULAR TO CENTERLINE

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	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

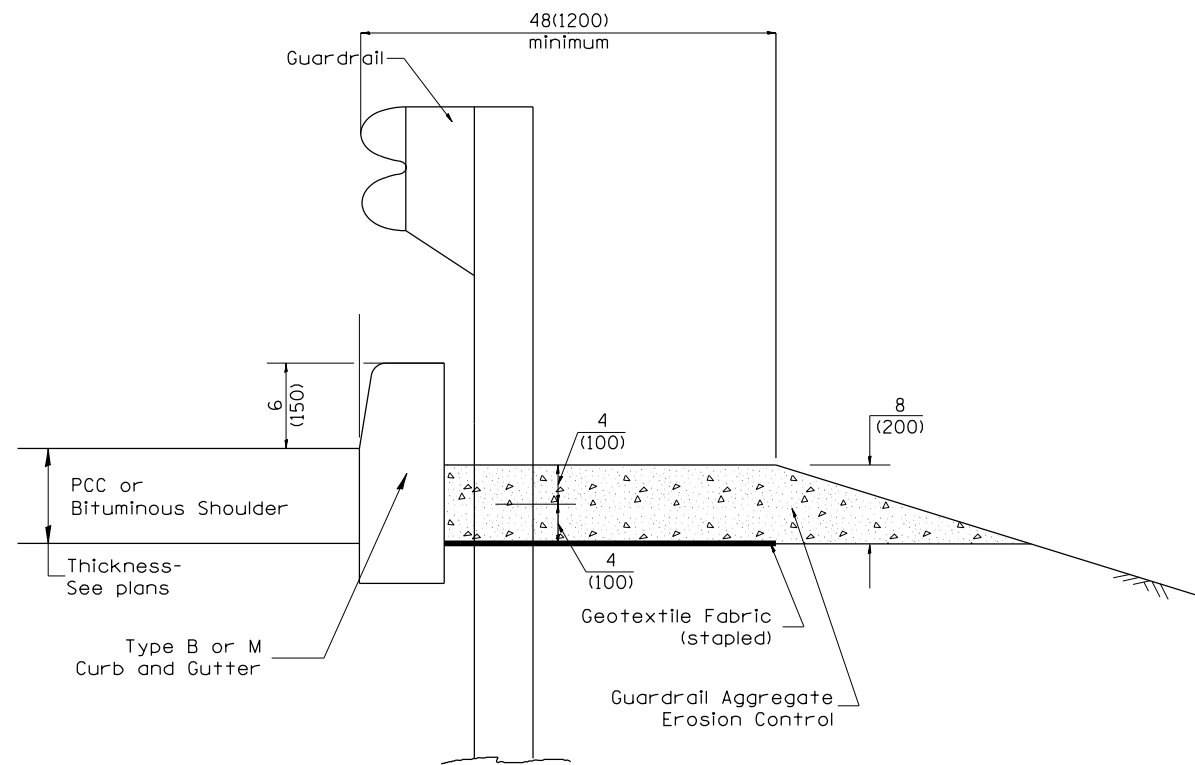
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

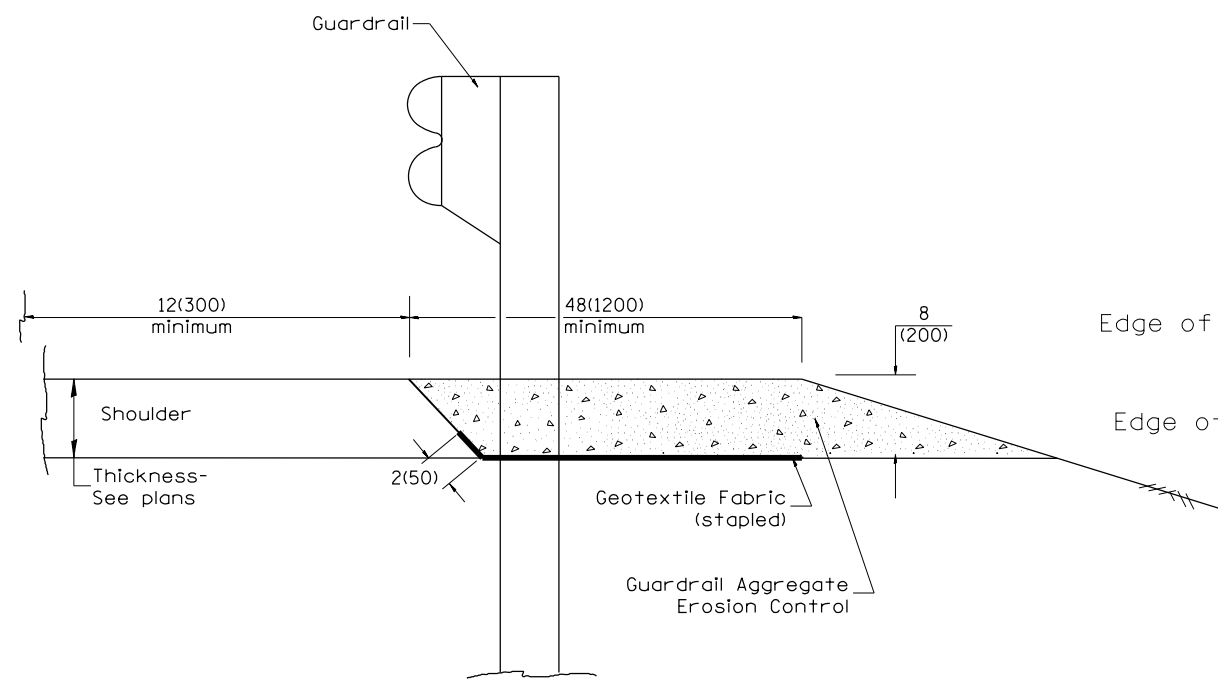
NOT TO SCALE

CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	69
** 317; 693			CONTRACT NO. 68B67	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



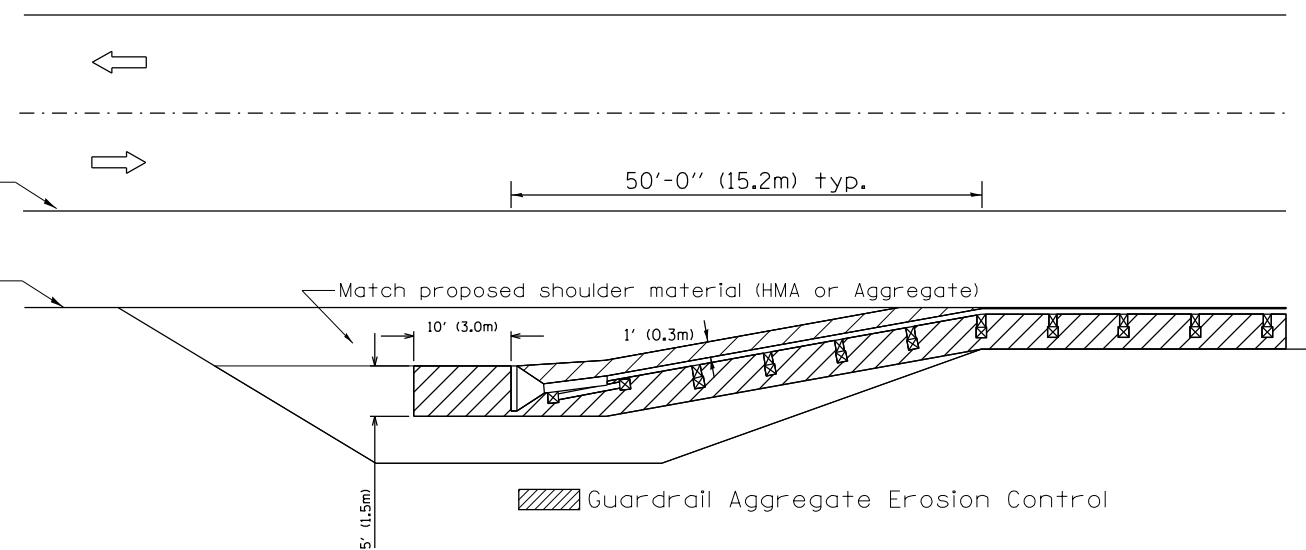
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.	03-07-11	ADDED DETAIL SHOWING PLAN VIEW	R.D.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.	08-10-12	REVISED CURB "B" AND AGGREGATE	R.D.
11-03-00	CORRECTION TO NOTES	M.A.	07-15-15	ADDRESSED SHOULDER INLET CURB	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.	01-26-17	REVISED	R.D.

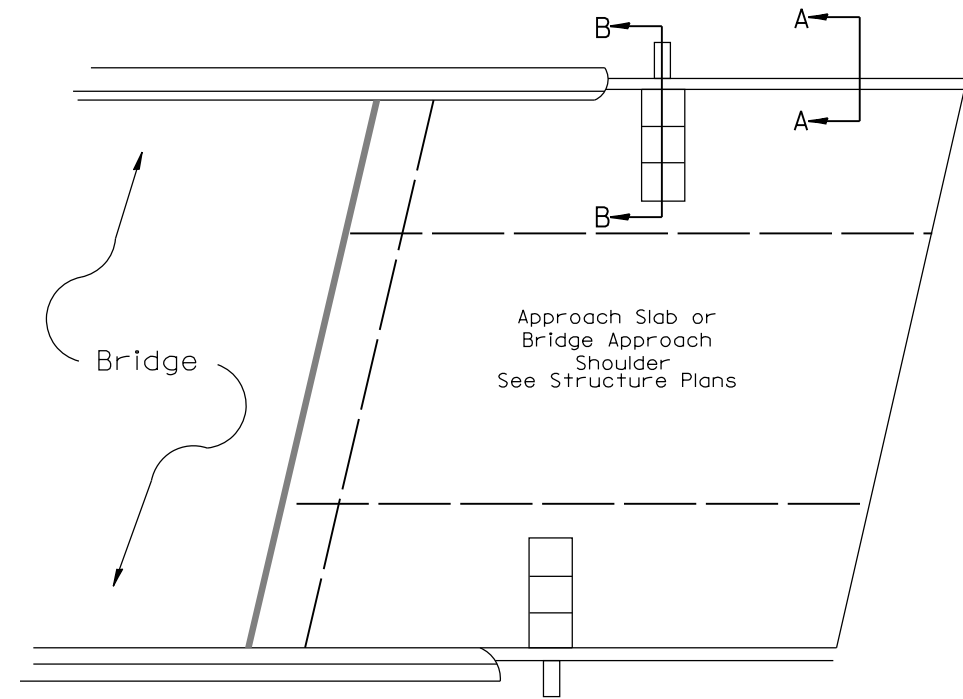
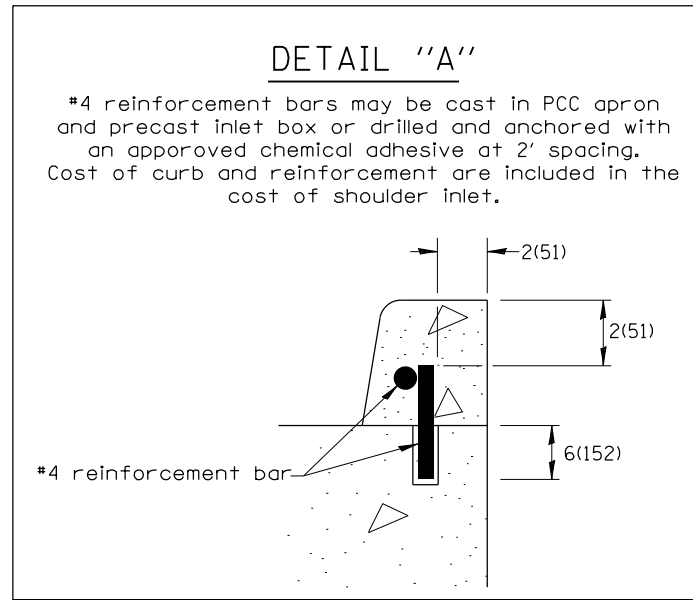
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

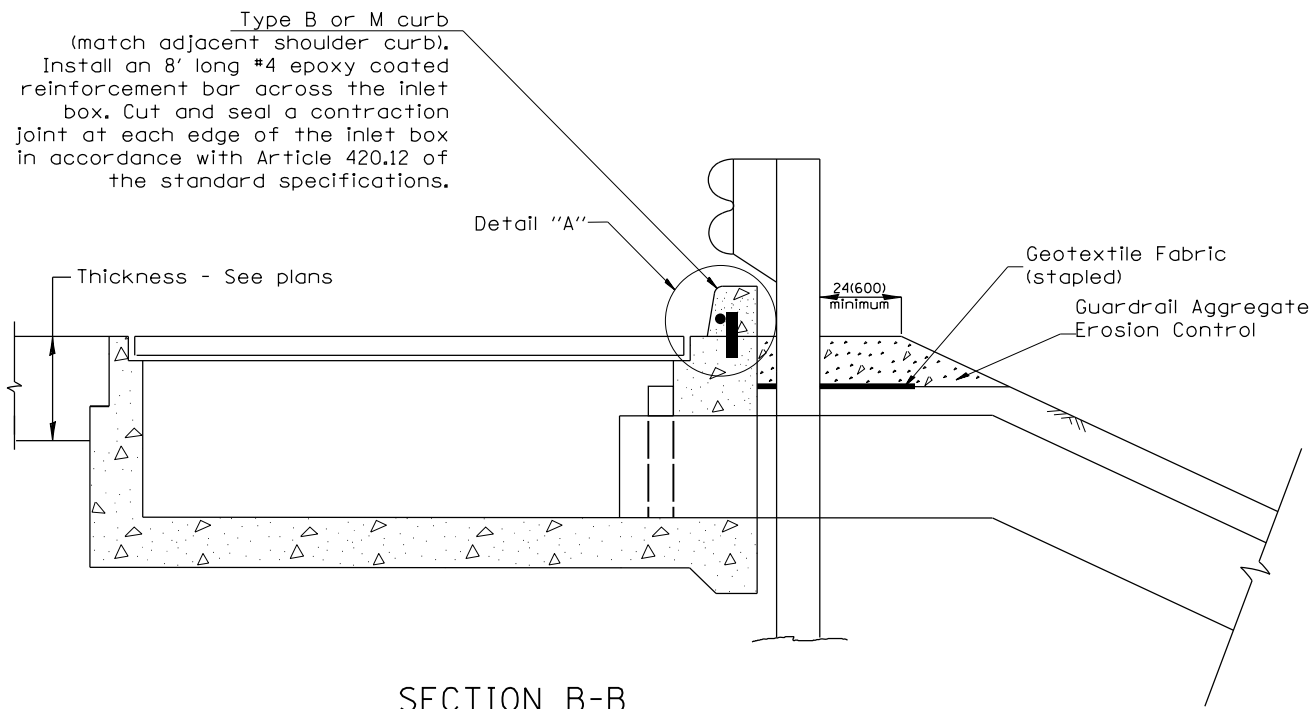
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 1 OF 2
CADD STD. 630101-D4

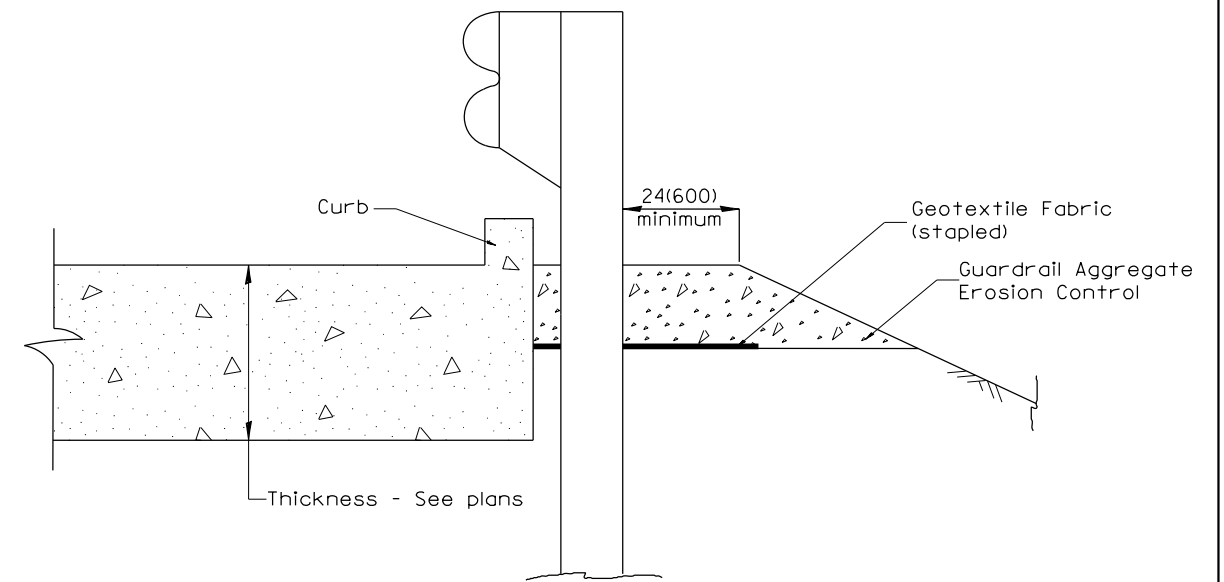
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	70
**	317; 693	CONTRACT NO. 68B67		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

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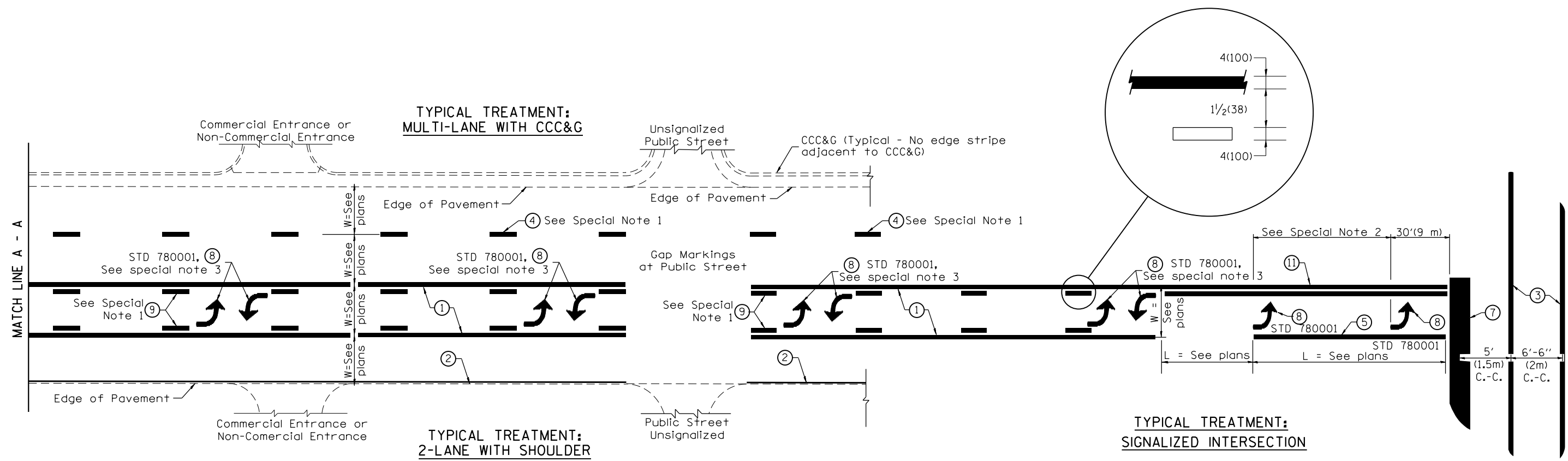
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 2 OF 2
CADD STD. 630101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	(46-1)RS-9; (L)RS-6	PEORIA	73	71
** 317; 693			CONTRACT NO. 68B67	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

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

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (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.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 Through Arrow= 14.8 sq. ft.
 Large Left or Right Arrow= 21.9 sq. ft.
 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 Wrong Way Arrow= 29.5 sq. ft.
 Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			**	(46-11RS-9; 4LRS-6)	PEORIA	73	72
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.						** 317; 693			CONTRACT NO. 68B67	
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

