

PROJECT DESIGNER: M. MOHAMED / J. TORO-RODRIGUEZ (309) 671-3462

PROJECT ENGINEER: C. MAUSHARD (309) 671-3453

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-1;6RS-1]	PEORIA	59	1
		ILLINOIS	CONTRACT NO. 68391	

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HIGHWAY STANDARDS

HIGHWAY STANDARDS

- 000001-05 610001-04 635006-03 701106-02 701451
- 001001-02 630001-08 642001-01 701406-05 701901-01
- 280001-04 631011-05 701400-03 701411-05 780001-02
- 420001-07 631031-07 701401-05 701416-06 781001-03
- 442101-07 635001-01 701101-02 701426-03

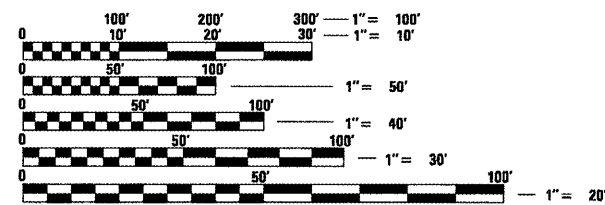
DISTRICT CADD STANDARDS

- 280001-D4 440001-D4 635001-D4
- 406001-D4 630101-D4 635101-D4
- 406101-D4 631011-D4 780001-D4

ADT: 23,900 (2007)
15.5% MU & 4.8% SU

PROJECT DESCRIPTION

WORK FOR THIS PROJECT CONSISTS OF PATCHING, MILLING AND RESURFACING ON I-74 FROM KICKAPOO - EDWARDS RD. TO EAST OF I-474 / IL-6 INTERCHANGE, INCLUDING CULVERT LINING TO STRUCTURE OVER KICKAPOO CREEK TRIBUTARY, S.N. 072-2000, AND OTHER COLLATERAL WORK.



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.

CONTRACT NO. 68391 CATALOG NO. 032883-00D

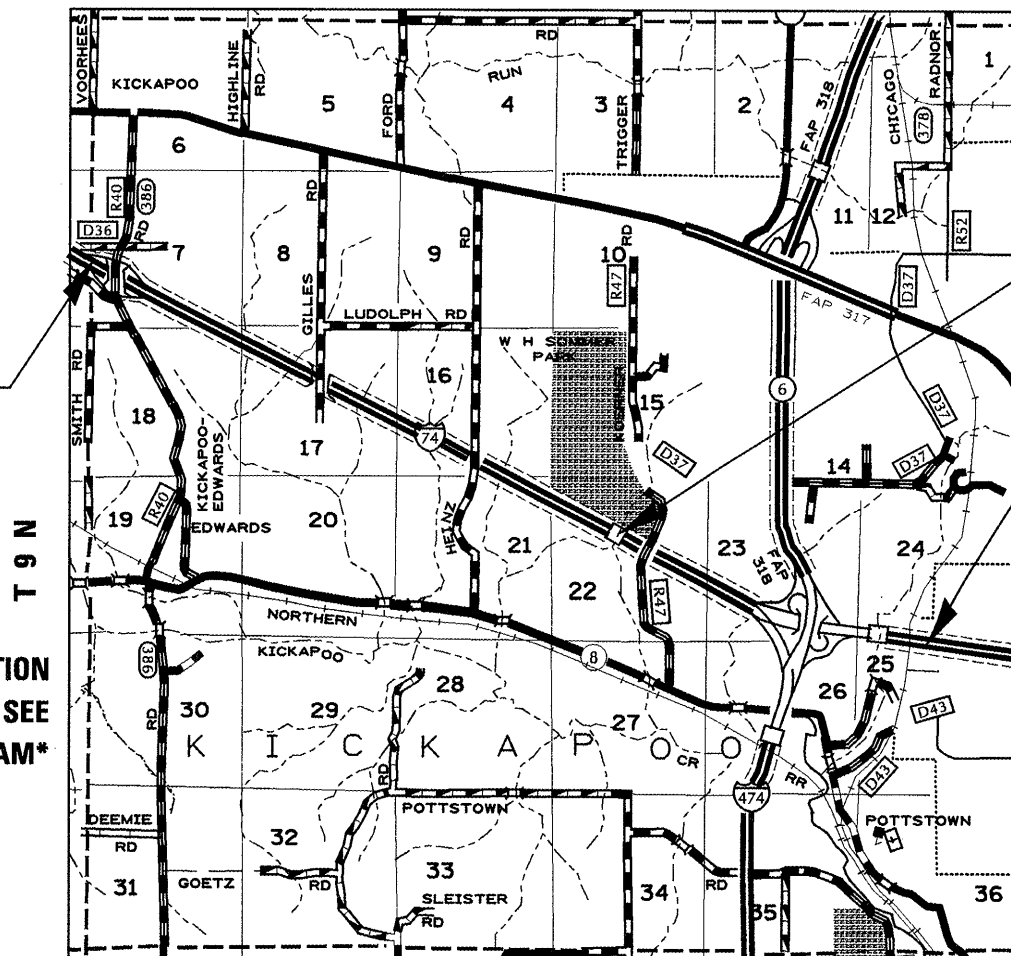
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 74 (I-74)
SECTION 72 [5RS-2, 5B-1; 6RS-1]
PROJECT ESP-074-4(239)082
PEORIA COUNTY

C-94-035-04

R 7 E

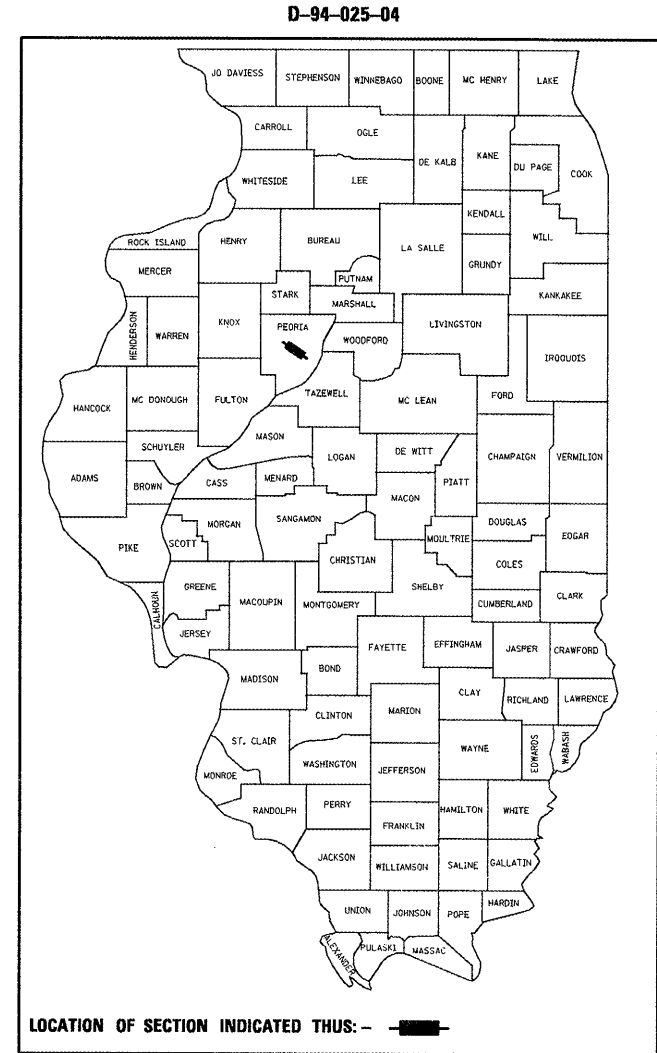


JOB BEGINS
STA. 26 + 75

*FOR STATION
EQUATIONS SEE
LINE DIAGRAM*

STA. 223 + 44
S.N. 072-2000

JOB ENDS
WB-STA. 349 + 77.92
EB-STA. 349 + 71.60



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2/13/09

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13, 2009
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GROSS LENGTH = 32,302.92 FT. = 6.118 MILE
NET LENGTH = 32,302.92 FT. = 6.118 MILE

COMMITMENTS

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

JOB SPECIFIC NOTES

HOT-MIX ASPHALT SURFACE REMOVAL – VARIABLE DEPTH

- * THIS WORK WILL BE DONE AT RAMPS 2 AND 4 BY KICKAPOO-EDWARDS ROAD. THE COST WILL BE INCLUDED IN THE COST FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1".
- * THE MILLING BEGINS AT 2" AND DECREASE GRADUALLY TO 1". SEE TYPICAL SECTIONS FOR DETAILS.

EROSION CONTROL QUANTITIES VERIFICATION

ALL EROSION CONTROL AREAS AND QUANTITIES ON THE PLANS ARE APPROXIMATE. THE RESIDENT ENGINEER WILL VERIFY THE EXACT LOCATIONS, AREAS AND QUANTITIES IN THE FIELD.

GENERAL NOTES

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

PRIOR TO WINTER SHUTDOWN THE FOLLOWING STEPS SHALL BE TAKEN:

- * ALL COLD MILLED SURFACES SHALL BE OVERLAID.
- * ALL LANES SHALL BE REOPENED TO TRAFFIC.
- * MANHOLES, WHERE APPLICABLE, SHALL BE ADJUSTED TO THE ELEVATION OF THE BINDER COURSE/LEVELING BINDER TO EASE IN PLOWING SNOW, AND RE-ADJUSTED TO FINISHED GRADE IN THE SPRING. THE INITIAL MANHOLE ADJUSTMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE AND ANY RE-ADJUSTMENT, AS DIRECTED BY THE ENGINEER, WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- * TEMPORARY OR PERMANENT PAVEMENT MARKING SHALL BE PLACED AS APPLICABLE.

CRITICAL PATH WORK SCHEDULE REQUIREMENT

THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

BRIDGE OVERLAY NOTIFICATION

AFTER PLACEMENT OF THE BRIDGE DECK OVERLAY, THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT BRIDGE MAINTENANCE ENGINEER OF THE "AS CONSTRUCTED" MILLING DEPTH AND OVERLAY THICKNESS FOR UPDATING THE ILLINOIS HIGHWAY INFORMATION SYSTEM.

MINIMUM VERTICAL CLEARANCE

THE CONTRACTOR SHALL VERIFY THE EXISTING STRUCTURE VERTICAL CLEARANCE PRIOR TO PLACING BITUMINOUS OVERLAY UNDER ANY STRUCTURE. A MINIMUM VERTICAL CLEARANCE OF 16' SHALL BE MAINTAINED UNDER ALL STRUCTURES.

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 CULTURES AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- * BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * SIGNED PROPERTY OWNER AGREEMENT FORM – D4 PI0100
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM – D4 PI0101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

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.

BUTT JOINT CUTTING TIME RESTRICTION

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

FILE NAME = Plan Sheets.dgn	USER NAME = toraja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			74	72(SRS-2,5B-1)RS-11	PEORIA	59	2	
		PLOT SCALE = 100,0000' / IN.	CHECKED -			REVISED -	CONTRACT NO. 68391				
		PLOT DATE = 2/12/2009	DATE -			REVISED -	SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

GENERAL NOTES (CONTINUED)

PAVEMENT STATION NUMBERS AND 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 (20 MM) WIDE, 5 INCHES (125 MM) HIGH AND 5/8 INCH (15 MM) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL – 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS – 6 INCHES (150 MM) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- 2, 3, & 5 LANE PAVEMENTS – RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- MULTI-LANE DIVIDED ROADWAYS – OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- RAMPS – ALONG BASELINE EDGE OF PAVEMENT

POSITION – STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT – ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)", WHERE X REPRESENTS THE PAVEMENT STATION.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION

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

ENGINEER'S FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (i) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	MAINLINE SURFACE COURSE	MAINLINE BINDER COURSE	RAMPS SURFACE COURSE	RAMPS LEVELING BINDER	MAINLINE SHOULDER (SURFACE LIFT)	MAINLINE SHOULDER (BOTTOM LIFT)	RAMP SHOULDER SURFACE COURSE *	RAMP SHOULDER BASE COURSE *
AC/PG:	SBS or SBR PG 76-22	SBS or SBR PG 76-22	SBS or SBR PG 76-22	SBS or SBR PG 76-22	PG 64-22	PG 64-22	SBS or SBR PG 76-22	SBS or SBR PG 76-22
RAP % (MAX)**:	10%	10%	10%	0%	15%	25%	10%	10%
DESIGN AIR VOIDS:	4.0% @ N=90	4.0% @ N=90	4.0% @ N=90	3.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=90	4.0% @ N=90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL12.5	IL 19.0	IL 9.5 or 12.5	IL 4.75	IL 9.5 or 12.5	IL 19.0	IL 9.5 or 12.5	IL 19.0
FRICTION AGGREGATE:	Mixture E	N.A.	Mixture E	N.A.	Mixture C	N.A.	Mixture E	N.A.

* THIS MIX WILL BE USED ONLY AT RAMPS 2 AND 4 BY KICKAPOO-EDWARDS ROAD. SEE TYPICAL SECTIONS FOR SPECIFIC LOCATIONS.
 ** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 100% FED.
21400100	GRADING AND SHAPING DITCHES	FOOT	150	150
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	22.5	22.5
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	22.5	22.5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	22.5	22.5
25100630	EROSION CONTROL BLANKET	SQ YD	500	500
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25	25
28000300	TEMPORARY DITCH CHECKS	EACH	15	15
28100107	STONE RIPRAP, CLASS A4	SQ YD	371	371
28100127	STONE RIPRAP, CLASS B4	SQ YD	512	512
28100205	STONE RIPRAP, CLASS A3	TON	17	17
28200200	FILTER FABRIC	SQ YD	933	933
35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	1,000	1,000
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	147	147
40600300	AGGREGATE (PRIME COAT)	TON	859	859
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,097	2,097
40600990	TEMPORARY RAMP	SQ YD	311	311

FILE NAME =
Plan Sheets.dgn

USER NAME = toraja
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 2/12/2009

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(LRS-2,5B-1)6RS-11	PEORIA	59	4
CONTRACT NO. 68391			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

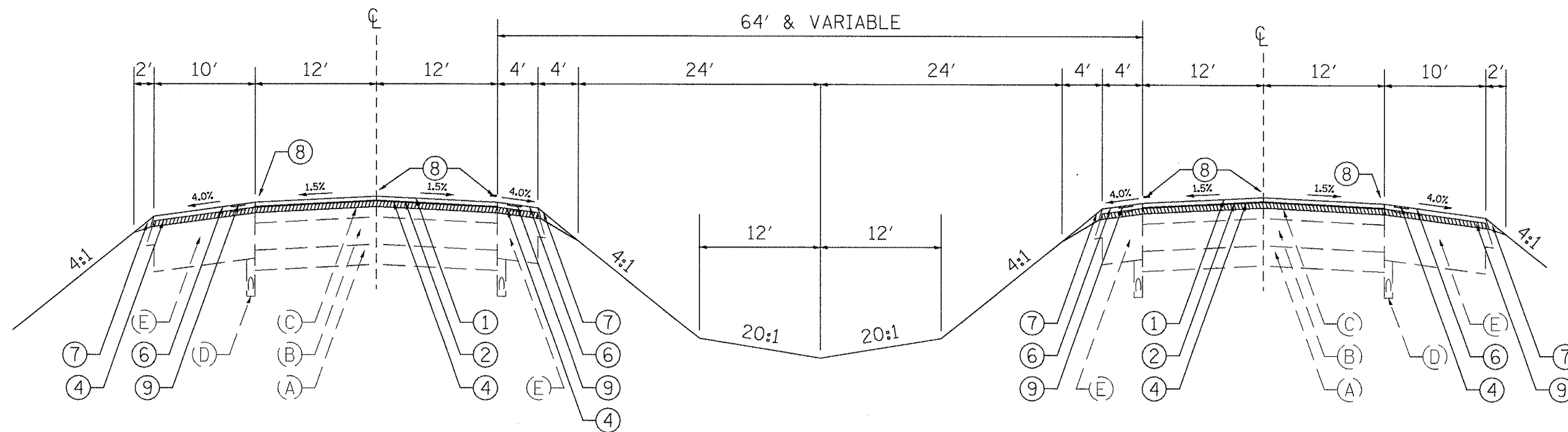
	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 100% FED.
*	63100 167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	24	24
	63200310	GUARDRAIL REMOVAL	FOOT	638	638
	63304385	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1	EACH	24	24
	63304395	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 2	EACH	1	1
	63500110	DELINEATORS (SPECIAL)	EACH	8	8
	64200105	SHOULDER RUMBLE STRIP	FOOT	109,390	109,390
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12
	67100100	MOBILIZATION	L SUM	1	1
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	10
	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
	70103815	<i>CONTROL</i> TRAFFIC SURVEILLANCE	CAL DA	40	40
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48	48
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	112,407	112,407
	70300625	TEMPORARY PAINT PAVEMENT MARKING - LINE 4"	FOOT	126,637	126,637
	70300635	TEMPORARY PAINT PAVEMENT MARKING - LINE 6"	FOOT	16,982	16,982
	70300640	TEMPORARY PAINT PAVEMENT MARKING - LINE 8"	FOOT	7,325	7,325
	70300645	TEMPORARY PAINT PAVEMENT MARKING - LINE 12"	FOOT	1,189	1,189

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 100% FED.
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	9,367	9,367
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	16,982	16,982
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	957	957
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	9	9
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	26	26
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	890	890
	X0301508	REMOVE AND REINSTALL CONCRETE HEADWALL	EACH	1	1
	X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	179	179
	X0322729	MATERIAL TRANSFER DEVICE	TON	39,306	39,306
	X0426200	DEWATERING	L SUM	1	1
<input type="checkbox"/>	X2503100	MOWING	UNIT	646	646
	X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	349	349
*	X7800610	URETHANE PAVEMENT MARKING - LINE 4"	FOOT	126,637	126,637
*	X7800640	URETHANE PAVEMENT MARKING - LINE 8"	FOOT	7,325	7,325
*	X7800650	URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,189	1,189
<input type="checkbox"/>	Z0010500	CLEANING CULVERTS	L SUM	1	1
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0017202	DOWEL BARS 1 1/2"	EACH	10,164	10,164

NON-PARTICIPATING 100% STATE * SPECIALTY ITEM



WESTBOUND LANES
 STA. 26+75 TO STA. 237+56.65
 STA. 267+23.86 TO STA. 313+87.15
 STA. 328+16.65 TO STA. 347+29.30

EASTBOUND LANES
 STA. 26+75 TO STA. 289+41.02
 STA. 305+67.50 TO STA. 347+23.03

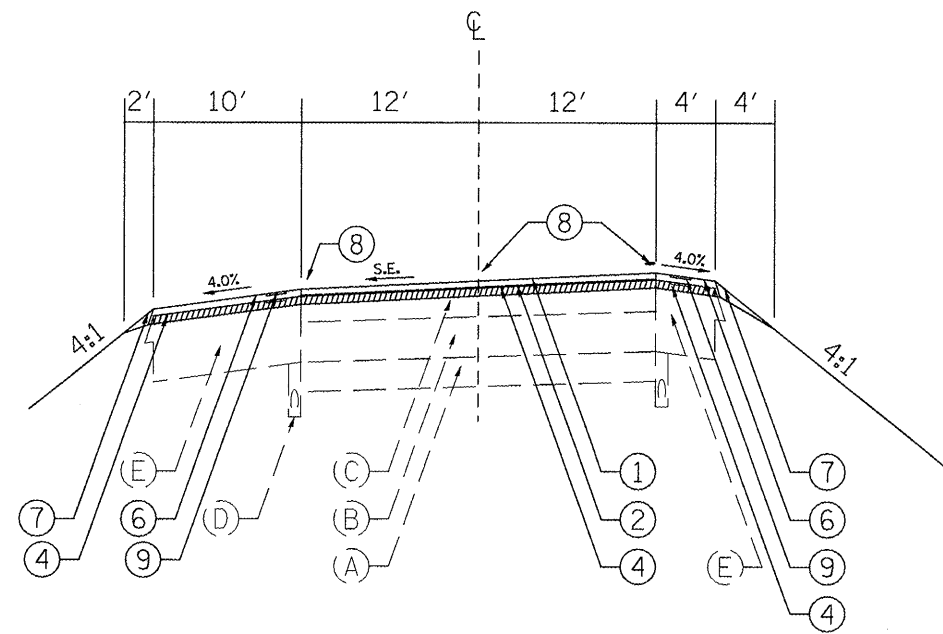
LEGEND - EXISTING

- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL

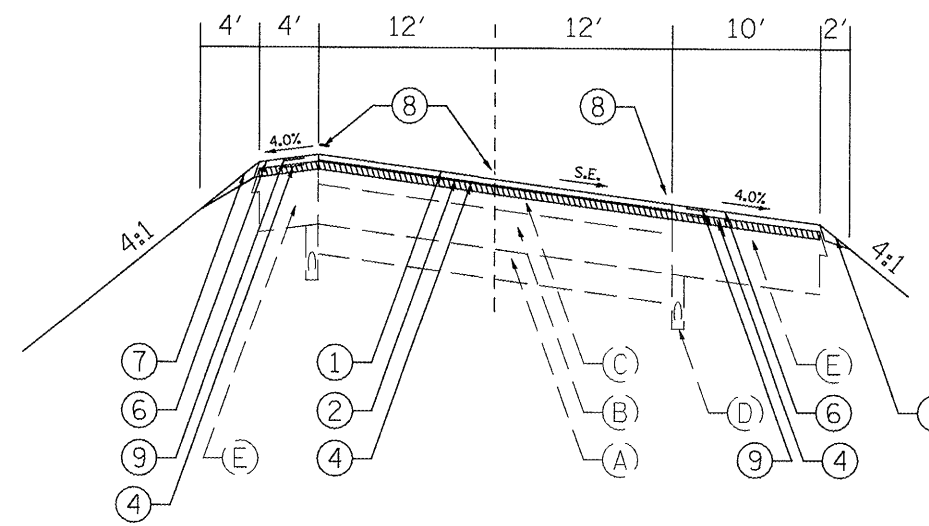
LEGEND - PROPOSED

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL

FILE NAME = Plan Sheets.dgn	USER NAME = taro.je	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 TANGENT TYPICAL SECTIONS		F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		74	72LSRS-2,5B-1s6RS-11	PEORIA	59	9		
PLOT DATE = 2/12/2009	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 68391		
ILLINOIS FED. AID PROJECT											



WESTBOUND LANES
 STA. 237+56.65 TO STA. 267+23.86
 STA. 313+87.15 TO STA. 328+16.65
 SE = 0.015 FT/FT



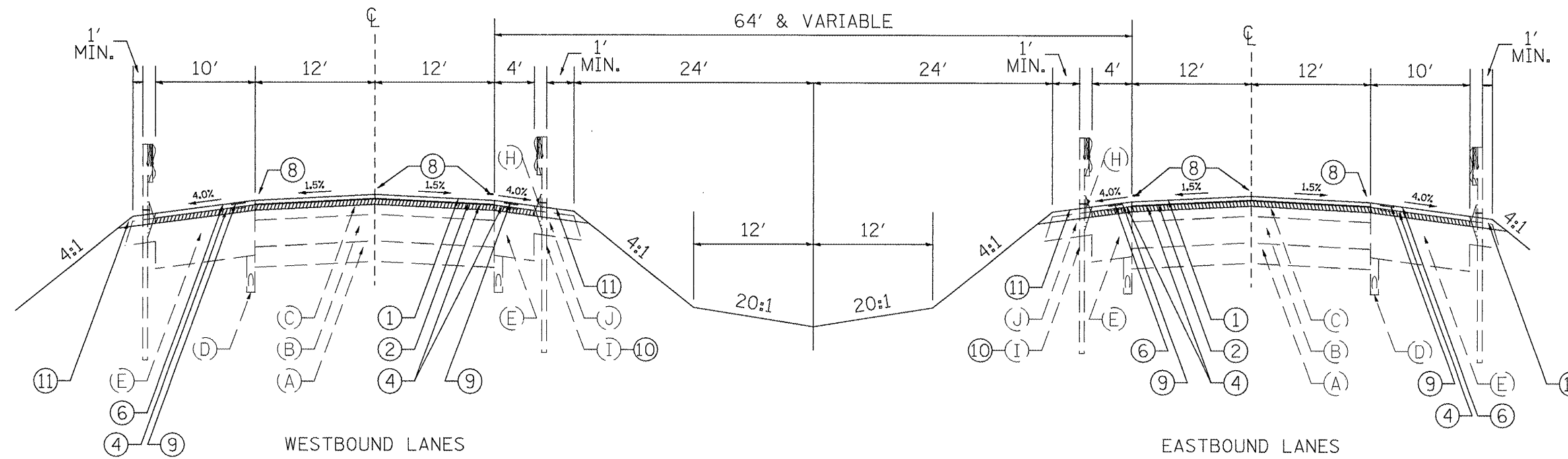
EASTBOUND LANES
 STA. 289+41.02 TO STA. 305+67.50
 SE = 0.042 FT/FT

LEGEND - EXISTING

- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL

LEGEND - PROPOSED

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL



RT. STA. 29+61.11 TO 33+74
 RT. STA. 72+20 TO 81+88
 RT. STA. 92+70 TO 102+63
 RT. STA. 108+55.18 TO 111+80
 RT. STA. 119+63 TO 127+37
 RT. STA. 146+98 TO 157+13
 RT. STA. 168+41.26 TO 181+65
 RT. STA. 187+90 TO 204+95

RT. STA. 219+70 TO 232+13
 RT. STA. 235+35.42 TO 264+48
 RT. STA. 278+00 TO 284+90
 RT. STA. 328+03 TO 2+09.42 (RAMP F)
 RT. STA. 332+68 TO 347+63.43
 RT. STA. 349+20.26 TO 349+77.92
 LT. STA. 324+91.49 TO 328+03
 LT. STA. 349+16.43 TO 349+77.92

RT. STA. 26+75 TO 29+94.51
 RT. STA. 69+25 TO 81+13
 RT. STA. 92+38 TO 99+62
 RT. STA. 100+90 TO 109+05.02
 RT. STA. 117+75 TO 128+30
 RT. STA. 132+78 TO 137+81
 RT. STA. 146+58 TO 162+13
 RT. STA. 165+37 TO 169+00.75
 RT. STA. 172+18 TO 178+05

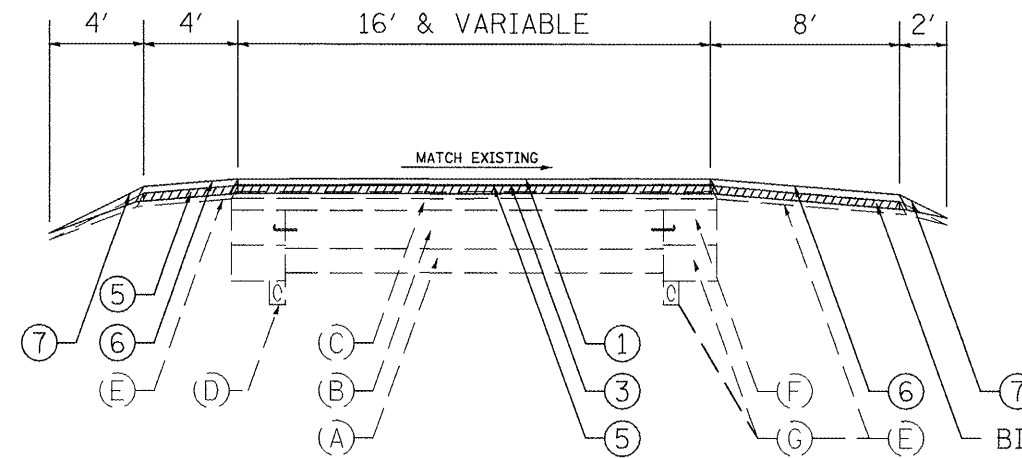
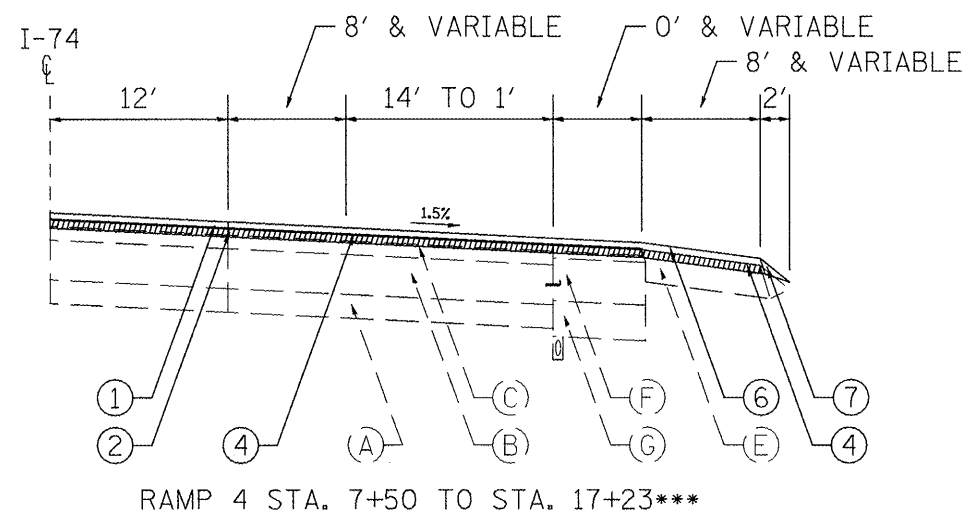
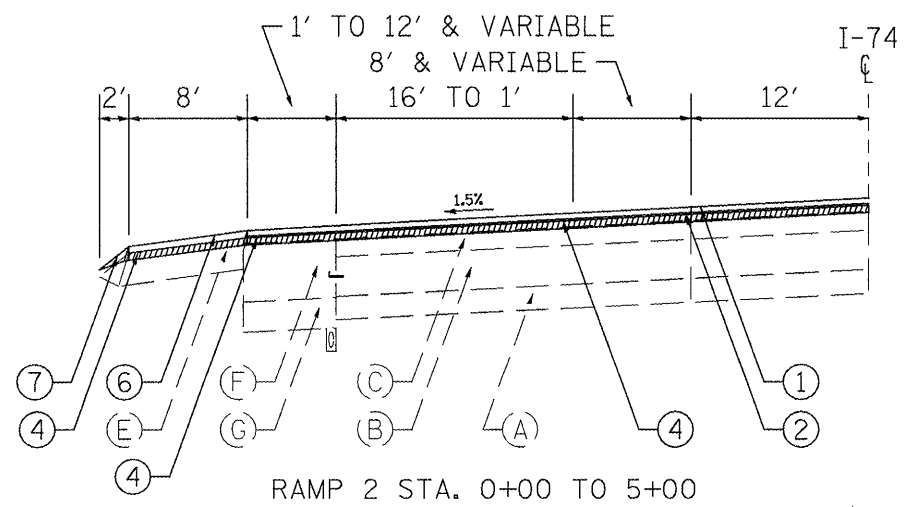
RT. STA. 184+38 TO 197+75
 RT. STA. 211+38 TO 228+37
 RT. STA. 231+64 TO 235+10.61
 RT. STA. 235+40.64 TO 261+63
 RT. STA. 331+06.68 TO 346+25
 LT. STA. 165+45.04 TO 168+79.61
 LT. STA. 278+75 TO 282+37
 LT. STA. 286+50 TO 288+63
 LT. STA. 345+31.20 TO 347+65.19

LEGEND - EXISTING

- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL

LEGEND - PROPOSED

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL



RAMP 2 STA. 5+00 TO STA. 16+50***
RAMP 4 STA. 0+00 TO STA. 7+50

BIT. CONC. SHOULDER
REMOVAL & HMA BASE
COURSE 8 1/2" AT:
RAMP 2 STA. 10+54
TO STA. 15+04
RAMP 4 STA. 1+00
TO STA. 5+50

LEGEND - EXISTING

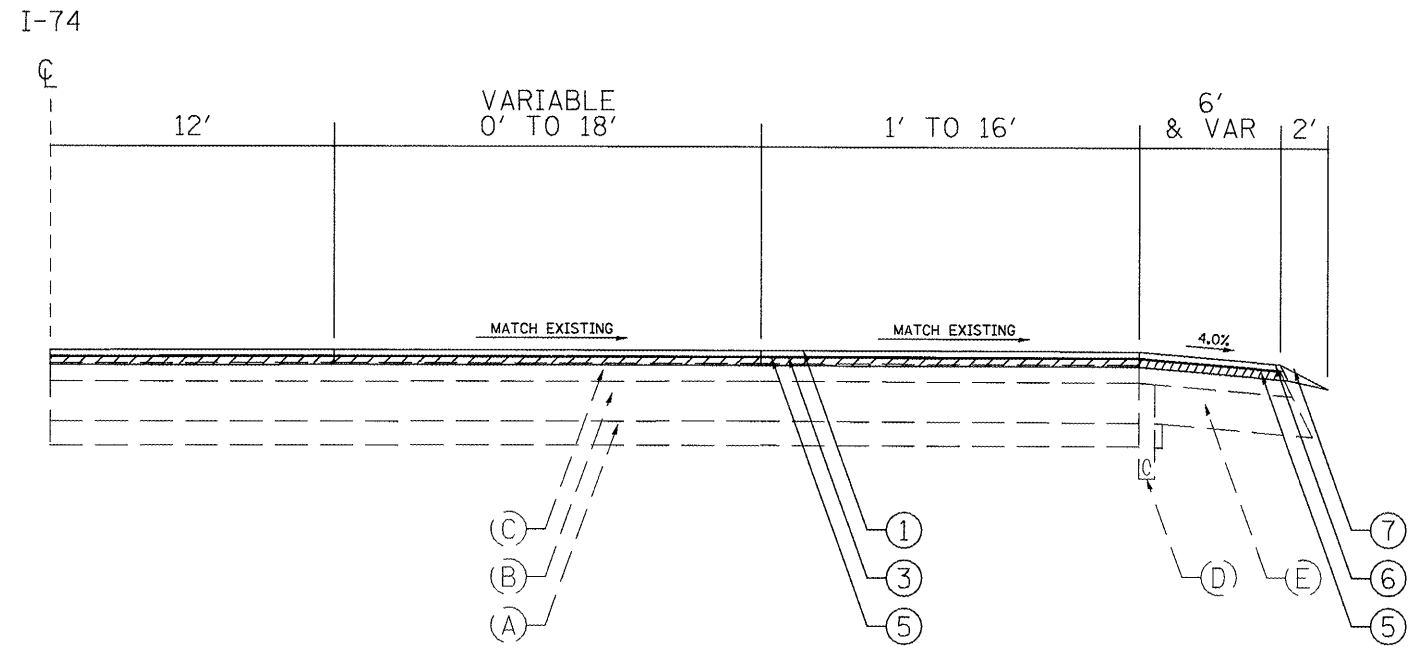
- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL

LEGEND - PROPOSED

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL

***NOTE: TRANSITION SURFACE
REMOVAL FROM 2" TO 1" (FOR RAMPS
& SHOULDERS) & LEVELING BINDER
RAMP 2 STA. 5+00 TO STA. 16+50
RAMP 4 STA. 7+50 TO STA. 17+23

FILE NAME = Plan Sheets.dgn	USER NAME = taro.je	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 / KICKAPOO-EDWARDS ROAD RAMPS TYPICAL SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	74	72[5RS-2.5B-I]6RS-1J	PEORIA
PLOT DATE = 2/12/2009	DATE -	REVISED -					CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT											



RAMP C STA. 12+18 TO STA. 18+88
 RAMP D STA. 0+00 TO STA. 6+85
 RAMP E STA. 0+00 TO STA. 3+10
 RAMP F STA. 0+00 TO STA. 7+07

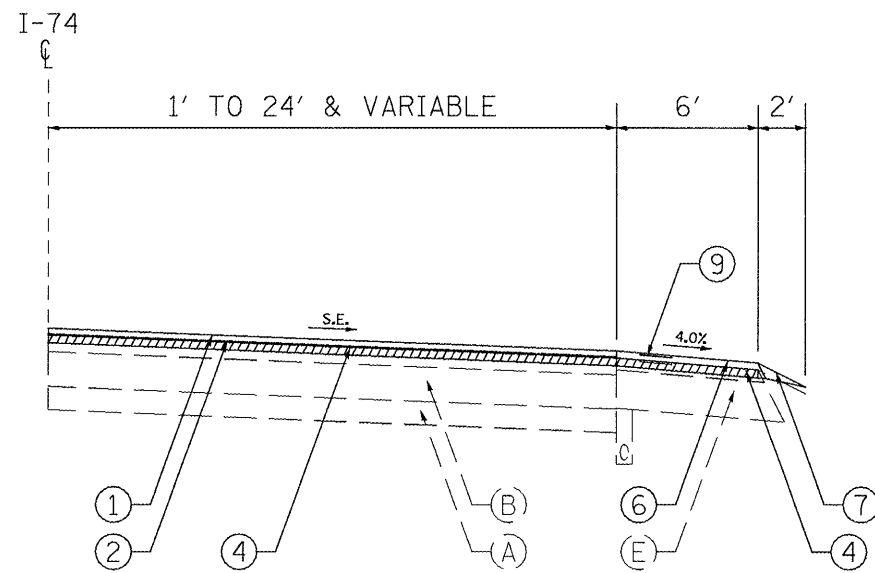
RAMP G STA. 26+81 TO STA. 38+40 (RT. STA. 25+00 TO 32+85.44 - GUARDRAIL SECTION)
 RAMP H STA. 28+12 TO STA. 38+60 (RT. STA. 34+95 TO 39+91.93 - GUARDRAIL SECTION)

LEGEND - EXISTING

- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL

LEGEND - PROPOSED

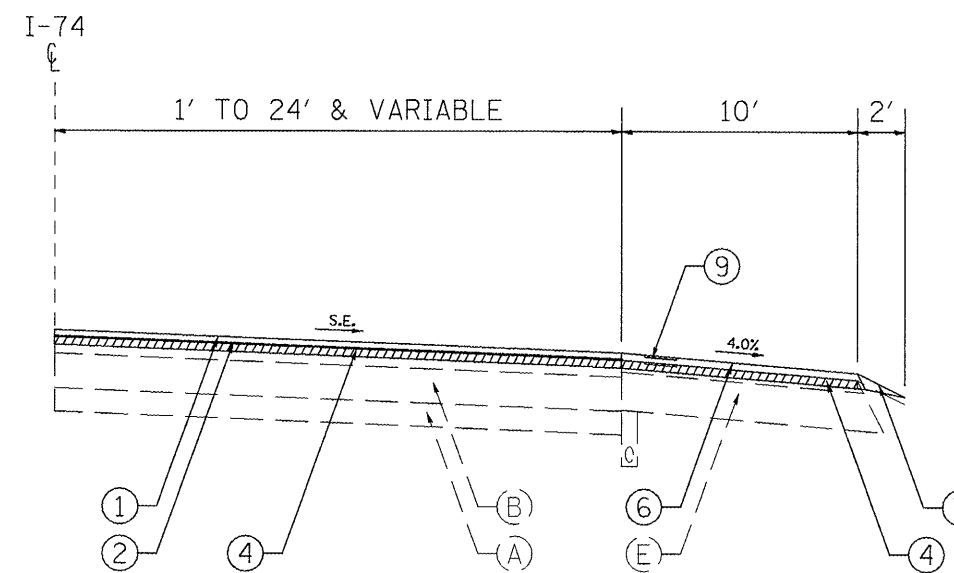
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL



ROADWAY A STA. 88+47 TO STA. 122+75
(LT. STA. 110+99.80 TO STA. 122+75 - GUARDRAIL SECTION)

LEGEND - EXISTING

- (A) 6" TO 9" GRANULAR SUB-BASE
- (B) 10" P.C.C. PAVEMENT
- (C) 5-3/4" & VAR BITUMINOUS OVERLAY
- (D) 4" PIPE UNDERDRAINS
- (E) VAR DEPTH BITUMINOUS SHOULDERS
- (F) 12" P.C.C. BASE COURSE
- (G) 12" SUB-BASE GRAN. MATERIAL TYPE A
- (H) EROSION CONTROL CURB
- (I) STEEL PLATE BEAM GUARDRAIL
- (J) GUARDRAIL AGGREGATE EROSION CONTROL



ROADWAY B STA. 14+42 TO STA. 49+71
(RT. STA. 37+75 TO STA. 45+75 - GUARDRAIL SECTION)

LEGEND - PROPOSED

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- ③ POLYMERIZED LEVELING BINDER (MM) 3/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2"
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE SHOULDERS TYPE B
- ⑧ PAVEMENT MARKING
- ⑨ RUMBLE STRIP
- ⑩ STEEL PLATE BEAM GUARDRAIL
- ⑪ GUARDRAIL AGGREGATE EROSION CONTROL

BRIDGE WEARING SURFACE REMOVAL	
LOCATION	SQ YD
S.N. 072-0001 (EB) STA. 347+53.03 TO STA. 349+11.60	618.5
S.N. 072-0002 (WB) STA. 347+59.30 TO STA. 349+17.92	618.5
TOTAL	1,237

BITUMINOUS CONCRETE SHOULDER REMOVAL	
LOCATION	SQ YD
RAMP 2 RT. STA. 10+54 TO STA. 15+04	400
RAMP 4 RT. STA. 1+00 TO STA. 5+50	400
TOTAL	800

ENGINEER'S FIELD OFFICE TYPE A	
LOCATION	CAL MO
JOBSITE	12
TOTAL	12

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CONSTRUCTION LAYOUT	
LOCATION	LSUM
JOBSITE	1
TOTAL	1

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	
BINDER COURSE	1
SURFACE COURSE	1
TOTAL	2

EROSION CONTROL SCHEDULE							
LOCATION	EROSION CONTROL BLANKET	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING CLASS 2A	TEMPORARY DITCH CHECKS	TEMPORARY EROSION CONTROL SEEDING
	SQ YD	POUND	POUND	POUND	ACRE	EACH	POUND
EB							
STA. 103+50 TO STA. 105+00	500	22.5	22.5	22.5	0.25	15	25
TOTAL	500	22.5	22.5	22.5	0.25	15	25

CULVERT EROSION CONTROL SCHEDULE					
LOCATION	STONE RIPRAP, CLASS A4	STONE RIPRAP, CLASS B4	STONE RIPRAP, CLASS A3	FILTER FABRIC	REMOVE AND REINSTALL CONCRETE HEADWALL
	SQ YD	SQ YD	SQ YD	SQ YD	EACH
S.N. 072-2000					
STA. 223+44	371	512		883	
EB					
STA. 112+10			50	50	1
TOTAL	371	512	50	933	1

TRAFFIC CONTROL AND PROTECTION			
LOCATION	STD 701406	STD 701401	STD 701411
	L SUM	L SUM	EACH
JOBSITE	1	1	10
TOTAL	1	1	10

GRADING AND SHAPING DITCHES	
LOCATION	FT
EB	
STA. 103+50 TO STA. 105+00	150
TOTAL	150

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
SIGN 1	12
SIGN 2	12
SIGN 3	12
SIGN 4	12
TOTAL	48

TRAFFIC SURVEILLANCE	
LOCATION	CAL DAY
JOBSITE	40
TOTAL	40

MOWING	
LOCATION	UNITS
JOBSITE	646
TOTAL	646

TABULATION OF RESURFACING QUANTITIES

LOCATION	HMA BASE COURSE 8 1/2" SQ YD	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) TON		AGGREGATE (PRIME COAT) TON		POLYMERIZED HMA BINDER CSE, IL-19.0, N90 TON	POLYMERIZED HMA SURFACE CSE, MIX "E", N90 TON	POLYMERIZED LEVELING BINDER (MM) IL-4.47, N-50 TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	HMA SURFACE REMOVAL 1" SQ YD	HMA SURFACE REMOVAL 2" SQ YD	HMA SHOULDERS SQ YD		
		COLD MILLED	FOG COAT	COLD MILLED	FOG COAT							LT.	RT.	
EB														
STA. 26+75 TO STA. 27+35		0.10	0.031	0.52	0.26	7173.69	4770.10		160		260.63	2,017.41	270.05	
STA. 27+35 TO STA. 38+23		1.89	0.565	9.47	4.74						4,726.02			
STA. 38+23 TO STA. 40+00		0.27	0.079	1.35	0.67						670.51			
STA. 48+46 TO STA. 238+59.75 (BK)		33.10	9.935	165.48	82.75						82,591.24			
STA. 255+00 (AH) TO STA. 283+15		3.50	1.048	17.52	8.75	1663.91	1106.41					467.93	69.36	
STA. 283+15 TO STA. 289+00		0.86	0.258	4.29	2.15									
STA. 289+00 TO STA. 304+13.72 (BK)		2.55	0.764	12.78	6.39									
STA. 303+97.50 (AH) TO STA. 306+54		0.42	0.124	2.64	1.33									
STA. 306+54 TO STA. 309+04		0.17	0.034	1.07	0.53	1474.89	1029.93					405.18	60.34	
STA. 309+04 TO STA. 313+67		0.32	0.063	1.98	0.99									787.93
STA. 313+67 TO STA. 315+18		0.10	0.020	0.64	0.32									256.97
STA. 315+18 TO STA. 324+19		1.51	0.451	9.29	4.64									3,804.22
STA. 324+19 TO STA. 326+90		0.31	0.094	1.95	0.97									799.23
STA. 326+90 TO STA. 333+40		0.75	0.226	4.67	2.34									1,916.97
STA. 333+40 TO STA. 346+93.03		1.57	0.471	9.72	4.86									3,990.34
STA. 346+93.03 TO STA. 347+53.03		0.10	0.030	0.61	0.31									93.33
STA. 347+53.03 TO STA. 349+11.60 (S.N. 072-0001)		0.36	0.109	2.24	1.12									
STA. 349+11.60 TO STA. 349+71.60		0.10	0.030	0.61	0.31									20.32
WB														
STA. 26+75 TO STA. 27+35		0.08	0.025	0.42	0.21	7173.69	4770.10		160		93.33	1,999.81	245.58	
STA. 27+35 TO STA. 37+19		1.35	0.405	6.81	3.40						3,370.73			
STA. 37+19 TO STA. 39+63		0.29	0.09	1.49	0.74						737.31			
STA. 39+63 TO STA. 43+36		0.45	0.14	2.27	1.14						1,127.12			
STA. 43+36 TO STA. 236+75		23.34	7.00	117.88	58.93	2063.73	1372.27					26.21	4,523.60	
STA. 236+75 TO STA. 238+59.75 (BK)		9.72	2.910	49.03	24.51									24,283.71
STA. 255+00 (AH) TO STA. 283+40		3.95	1.28	20.85	7.53									9883.58
STA. 283+40 TO STA. 285+18		0.25	0.08	1.31	0.47									619.46
STA. 285+18 TO STA. 289+00		0.53	0.17	2.80	1.01									1329.41
STA. 289+00 TO STA. 293+89		0.61	0.198	3.29	1.49									1,521.33
STA. 293+89 TO STA. 295+39		0.22	0.071	1.18	0.54									550.00
STA. 295+39 TO STA. 306+05		1.80	0.572	9.53	4.43									4,500.88
STA. 306+05 TO STA. 310+18		0.48	0.11	2.56	1.19									1203.83
STA. 310+18 TO STA. 312+70		0.29	0.06	1.56	0.72									734.54
STA. 312+70 TO STA. 315+94.45		0.37	0.08	2.01	0.93	945.72								
STA. 316+00 TO STA. 320+50		0.76	0.228	3.80	2.19	326.05	216.80					91.69	105.85	
STA. 320+50 TO STA. 324+76		0.62	0.189	3.12	1.84									1,900.00
STA. 324+76 TO STA. 325+62.86		0.11	0.032	0.54	0.33									1,562.01
STA. 326+46.65 TO STA. 327+59		0.14	0.042	0.70	0.30									270.23
STA. 327+59 TO STA. 346+99.30		3.28	0.986	16.38	7.34	715.40	524.92		160			191.83	447.43	
STA. 346+99.30 TO STA. 347+59.30		0.10	0.031	0.51	0.23									349.53
STA. 347+59.30 TO STA. 349+17.92 (S.N. 072-0002)		0.27	0.081	1.34	0.60									8,192.38
STA. 349+17.92 TO STA. 349+77.92		0.10	0.031	0.51	0.23									93.33
						20.32			160					

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 2 OF 12 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(SRS-2.5B-I6RS-1)	PEORIA	59	16
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

TABULATION OF RESURFACING QUANTITIES

LOCATION	HMA BASE COURSE 8 1/2" SQ YD	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)		POLYMERIZED HMA BINDER CSE, IL-19.0, N90	POLYMERIZED HMA SURFACE CSE, MIX "E", N90	POLYMERIZED LEVELING BINDER (MM) IL-4.47, N-50	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL 1"	HMA SURFACE REMOVAL 2"	HMA SHOULDERS	
		TON		TON		TON	TON	TON	SQ YD	SQ YD	SQ YD	LT.	RT.
		COLD MILLED	FOG COAT	COLD MILLED	FOG COAT								
ROADWAY A													
STA. 88+47 TO STA. 90+00		0.08	0.022	0.40	0.20	13.25	8.75				204.00		
STA. 90+00 TO STA. 117+97		2.98	0.890	14.92	7.46	712.19	473.16				7,458.66		
STA. 117+97 TO STA. 121+20		0.46	0.137	2.29	1.14						1,148.45	15.69	486.42
STA. 121+20 TO STA. 122+45		0.19	0.057	0.95	0.47	161.86	107.63		80		485.56	14.76	
STA. 122+45 TO STA. 122+75		0.05	0.014	0.23	0.11						20.00		
ROADWAY B													
STA. 17+18 TO STA. 18+10		0.05	0.022	0.32	0.16	7.97	5.26				163.55		
STA. 18+10 TO STA. 39+00		2.41	0.776	13.01	6.50	532.17	353.56				6,502.22		
STA. 39+00 TO STA. 43+65		0.66	0.209	3.51	1.76						1,756.67		765.20
STA. 43+65 TO STA. 49+41		0.87	0.278	4.61	2.30	362.67	241.15				2,310.67	29.43	
STA. 49+41 TO STA. 49+71		0.04	0.014	0.24	0.12				80.00		33.33		
RAMP 2													
STA. 0+00 TO STA. 0+11		0.01	0.002	0.04	0.02								
STA. 0+11 TO STA. 0+41		0.02	0.006	0.11	0.05		27.91	28	231.31		562.96		
STA. 0+41 TO STA. 3+68		0.23	0.069	1.16	0.59								
STA. 3+68 TO STA. 5+00		0.15	0.048	0.76	0.38			20		234.67	113.93	11.07	228.31
STA. 5+00 TO STA. 6+13		0.13	0.041	0.65	0.33						97.53		
STA. 6+13 TO STA. 10+54		0.55	0.166	2.74	1.38		187.52			1,980.44	478.63	73.30	42.26
STA. 10+54 TO STA. 15+04	500	0.40	0.123	1.60	0.80			84			488.40		
STA. 15+04 TO STA. 15+90		0.06	0.018	0.29	0.15								
STA. 15+90 TO STA. 16+20		0.02	0.006	0.10	0.05				425.48				
SE RADIUS		0.03	0.010	0.14	0.07		21.35	11			153.00		12.59
NE RADIUS		0.07	0.020	0.34	0.17		40.55	20			170.67		39.09
ISLAND							1.66	1		1,068.20			
RAMP 4													
STA. 0+00 TO STA. 5+50	500	0.49	0.064	2.44	1.22						244.44	57.58	42.26
STA. 5+50 TO STA. 7+00		0.19	0.036	0.93	0.47		132.44	56		1,333.33	200.00		
STA. 7+00 TO STA. 7+50		0.06	0.035	0.29	0.14						55.56	8.14	267.54
STA. 7+50 TO STA. 8+80		0.15	0.196	0.75	0.37			20		231.11	144.44		
STA. 8+80 TO STA. 17+23		0.60	0.183	3.00	1.50		63.93	97			1,498.67		
SE RADIUS		0.05	0.000	0.23	0.23		19.25	10			130.00		26.47
NE RADIUS		0.02	0.020	0.11	0.11		7.37	4			53.78		9.96
RAMP G													
STA. 26+21 TO STA. 26+51		0.00	0.001	0.01	0.01				53.33				
STA. 26+51 TO STA. 26+81		0.03	0.039	0.17	0.09		74.56	49.51			33.33	15.97	224.20
STA. 26+81 TO STA. 29+80		0.34	0.076	1.72	0.85						863.78		
STA. 29+80 TO STA. 38+40		0.61	0.184	3.06	1.53	98.58	65.22				1,528.89		

FILE NAME = Plan Sheets.dgn	USER NAME = torojs	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 3 OF 12 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(5RS-2.5B-16RS-1)	PEORIA	59	17
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

TABULATION OF RESURFACING QUANTITIES

LOCATION	HMA BASE COURSE 8 1/2" SQ YD	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) TON		AGGREGATE (PRIME COAT) TON		POLYMERIZED HMA BINDER CSE, IL-19.0, N90 TON	POLYMERIZED HMA SURFACE CSE, MIX "E", N90 TON	POLYMERIZED LEVELING BINDER (MM) IL-4.47, N-50 TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	HMA SURFACE REMOVAL 1" SQ YD	HMA SURFACE REMOVAL 2" SQ YD	HMA SHOULDERS SQ YD	
		COLD MILLED	FOG COAT	COLD MILLED	FOG COAT							LT.	RT.
RAMP D													
STA. 0+00 TO STA. 3+23		0.22	0.063	1.15	0.58	37.02	24.49				574.22		
STA. 3+23 TO STA. 6+55		0.38	0.116	1.92	0.96	82.04	54.48				965.77	17.58	129.17
STA. 6+55 TO STA. 6+85		0.03	0.011	0.17	0.09					53.33	26.67		
RAMP C													
STA. 12+18 TO STA. 12+48		0.03	0.011	0.17	0.06	151.84	100.83				53.33	12.09	126.34
STA. 12+48 TO STA. 14+67		0.25	0.077	1.26	0.46						632.67		
STA. 14+67 TO STA. 18+88		0.45	0.132	2.24	0.79						1,122.67		
RAMP E													
STA. 0+00 TO STA. 0+76		0.08	0.025	0.40	0.20	70.25	46.65				202.67	11.36	58.46
STA. 0+76 TO STA. 2+80		0.23	0.075	1.17	0.59						589.34		
STA. 2+80 TO STA. 3+10		0.03	0.011	0.17	0.09					53.33	33.33		
RAMP F													
STA. 0+00 TO STA. 2+60		0.18	0.059	0.92	0.46	29.80	19.72				462.22	21.70	133.31
STA. 2+60 TO STA. 2+80		0.02	0.007	0.12	0.06	101.30	67.27				57.78		
STA. 2+80 TO STA. 6+77		0.46	0.143	2.30	1.14						1,146.88		
STA. 6+77 TO STA. 7+07		0.03	0.011	0.17	0.09					53.33	33.33		
RAMP H													
STA. 28+12 TO STA. 28+42		0.03	0.011	0.17	0.09	70.93	47.11				33.33	15.20	201.74
STA. 28+42 TO STA. 31+25		0.33	0.102	1.63	0.82					53.33	817.56		
STA. 31+25 TO STA. 38+60		0.52	0.077	2.61	1.30			84.25	55.74		1,306.67		
MEDIAN TURN AROUND													
STA. 63+42		0.15	0.050	0.77	0.38	48.38	37.60				383.00		
STA. 215+35		0.13	0.040	0.66	0.33	41.67	32.33				329.00		
SUB-TOTAL	1,000.00	112.70	33.93	575.87	282.89	23,312.73	16,082.97	348.66	2,096.77	4,847.75	258,763.69	5,776.03	15,195.70
TOTAL	1,000	147		859		23,313	16,083	349	2,097	4,848	258,764	20,972	

PRIME COAT CONVERSION FACTORS

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

HMA & AGGREGATE CONVERSION FACTORS

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 4 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(SRS-2,5B-I6RS-11)	PEORIA	59	18
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

TEMPORARY RAMP	
LOCATION	SQ YD
EB	
STA. 26+75	28.9
STA. 347+53.03	28.9
STA. 349+11.60	28.9
WB	
STA. 26+75	28.9
STA. 347+59.30	28.9
STA. 349+17.92	28.9
ROADWAY A	
STA. 122+75	28.9
ROADWAY B	
STA. 49+71	28.9
RAMP 2	
STA. 16+45	10
RAMP 4	
STA. 0+00	10
RAMP G	
STA. 26+51	10
RAMP D	
STA. 6+85	10
RAMP C	
STA. 12+18	10
RAMP E	
STA. 26+51	10
RAMP F	
STA. 6+85	10
RAMP H	
STA. 12+18	10
TOTAL	311

SHOULDER RUMBLE STRIP	
LOCATION	FEET
WB - LEFT	
STA. 26+75 TO STA. 238+59.75 (BK)	21185
STA. 287+90 TO STA. 315+94.45 (BK)	2804
STA. 316+00 (AH) TO STA. 325+62.86 (BK)	963
STA. 326+46.65 (AH) TO STA. 349+47.92	2301
WB - RIGHT	
STA. 26+75 TO STA. 37+19	1044
STA. 44+36 TO STA. 238+59.75 (BK)	19424
STA. 255+00 (AH) TO STA. 283+40	2840
STA. 295+39 TO STA. 306+05	1066
STA. 312+70 TO STA. 315+94.45 (BK)	324
STA. 316+00 (AH) TO STA. 320+50	450
STA. 327+59 TO STA. 349+47.92	2189
EB - LEFT	
STA. 26+75 TO STA. 238+59.75 (BK)	21185
STA. 255+00 (AH) TO STA. 304+13.72 (BK)	4914
STA. 303+97.50 (AH) TO STA. 349+41.60	4544
EB - RIGHT	
STA. 26+75 TO STA. 38+23	1148
STA. 48+46 TO STA. 235+82	18736
STA. 289+00 TO STA. 304+13.72 (BK)	1514
STA. 303+97.50 (AH) TO STA. 306+54	256
STA. 315+18 TO STA. 324+19	901
STA. 333+40 TO STA. 349+41.60	1602
TOTAL	109,390

GUARDRAIL AGGREGATE EROSION CONTROL	
LOCATION	TON
WB - RIGHT	
STA. 111+55 TO STA. 112+30	15.6
STA. 180+00 TO STA. 180+25	4.9
STA. 199+63 TO STA. 200+88	24.4
STA. 345+86 TO STA. 346+61	14.7
EB - RIGHT	
STA. 69+63 TP STA. 70+13	9.8
STA. 92+13 TO STA. 92+63	9.8
STA. 105+57 TO STA. 106+07	9.8
STA. 132+53 TO STA. 133+03	9.8
STA. 146+33 TO STA. 147+83	9.8
STA. 153+85 TO STA. 154+10	4.9
STA. 165+12 TO STA. 165+62	9.8
STA. 166+75 TO STA. 166+87.5	2.4
STA. 168+64 TO STA. 168+89	4.9
STA. 171+93 TO STA. 172+43	9.8
STA. 175+60 TO STA. 175+85	4.9
STA. 184+63 TO STA. 185+13	9.8
STA. 189+75 TO STA. 190+00	4.9
STA. 211+13 TO STA. 211+63	9.8
STA. 231+29 TO STA. 231+79	9.8
TOTAL	179

MATERIAL TRANSFER DEVICE	
LOCATION	TON
JOBSITE	
BINDER	23,223
SURFACE	16,083
TOTAL	39,306

TABULATION OF TRAFFIC BARRIER TERMINAL QUANTITIES					
LOCATION	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1 EACH	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) FOOT	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 2 EACH	TRAFFIC BARRIER TERMINAL, TYPE 2 FOOT	TERMINAL MARKER - DIRECT APPLIED EACH
WB					
RT. STA. 81+68 TO STA. 82+18	1	1			1
RT. STA. 102+38 TO STA. 102+88	1	1			1
RT. STA. 111+80 TO STA. 112+30	1	1			1
RT. STA. 204+45 TO STA. 204+95	1	1			1
RT. STA. 231+98 TO STA. 232+48	1	1			1
RT. STA. 263+98 TO STA. 264+48	1	1			1
RT. STA. 284+63 TO STA. 285+13	1	1			1
RT. STA. 327+53 TO STA. 328+03	1	1			1
LT. STA. 327+53 TO STA. 328+03	1	1			1
RT. STA. 346+11 TO STA. 349+48	1	1			1
EB					
RT. STA. 26+75 TO STA. 27+25	1	1			1
RT. STA. 69+63 TO STA. 70+13	1	1			1
RT. STA. 92+13 TO STA. 92+63	1	1			1
RT. STA. 105+57 TO STA. 106+07	1	1			1
RT. STA. 117+75					1
RT. STA. 128+50.5 TO STA. 128+63			1	1	
RT. STA. 132+53 TO STA. 133+03	1	1			1
RT. STA. 146+33 TO STA. 146+83	1	1			1
RT. STA. 165+12 TO STA. 165+62	1	1			1
RT. STA. 172+18					1
RT. STA. 184+63 TO STA. 185+13	1	1			1
RT. STA. 211+13 TO STA. 211+63	1	1			1
RT. STA. 231+64 TO STA. 232+14	1	1			1
RT. STA. 278+28 TO STA. 278+78	1	1			1
RT. STA. 286+03 TO STA. 286+53	1	1			1
RT. STA. 291+15 TO STA. 291+65	1	1			1
ROADWAY B					
RT. STA. 38+60 TO STA. 39+10	1	1			1
TOTAL	24	24	1	1	26

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 6 OF 12 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(SRS-2,5B-16RS-11)	PEORIA	59	20
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

TABULATION OF GUARDRAIL QUANTITIES						
LOCATION	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FT POSTS	EROSION CONTROL CURB REMOVAL	EROSION CONTROL CURB	GUARDRAIL MARKERS, TYPE A	
	FOOT	FOOT	FOOT	FT	EACH	
WB						
RT. STA. 80+82 TO STA. 81+07	25	25			4	
RT. STA. 110+39 TO STA. 110+64	25	25				
RT. STA. 120+66 TO STA. 121+28.5	62.5	62.5	62.5	62.5		
RT. STA. 125+35 TO STA. 125+72.5	37.5	37.5	37.5	37.5		
RT. STA. 181+04 TO STA. 181+29	25	25	25	25		
RT. STA. 235+77 TO STA. 236+02	25	25	25	25		
RT. STA. 238+07 TO STA. 238+32	25	25	25	25		
RT. STA. 259+70 TO STA. 259+95	25	25	25	25		
RT. STA. 260+81 TO STA. 261+18.5	37.5	37.5	37.5	37.5		
RT. STA. 262+68 TO STA. 262+80.5	12.5	12.5				
RT. STA. 278+65 TO STA. 278+77.5	12.5	12.5	12.5	12.5		
LT. STA. 259+70 TO STA. 259+95	25	25				
EB						
RT. STA. 94+50 TO STA. 94+87.5	37.5	37.5	37.5	37.5		3
RT. STA. 153+15 TO STA. 153+40	25	25	25	25		
RT. STA. 166+20 TO STA. 166+45	25	25				
RT. STA. 168+20 TO STA. 168+57.5	37.5	37.5				
RT. STA. 175+13 TO STA. 175+25.5	12.5	12.5	12.5	12.5		
RT. STA. 189+47 TO STA. 189+59.5	12.5	12.5	12.5	12.5		
RT. STA. 217+20 TO STA. 217+32.5	12.5	12.5	12.5	12.5		
RT. STA. 280+60 TO STA. 280+72.5	12.5	12.5	12.5	12.5		
RT. STA. 282+16 TO STA. 282+28.5	12.5	12.5	12.5	12.5		
RT. STA. 286+53 TO STA. 286+65.5	12.5	12.5	12.5	12.5		
RT. STA. 293+20 TO STA. 293+45	25	25	25	25		
ROADWAY A						
LT. STA. 114+16 TO STA. 114+41	25	25			2	
LT. STA. 115+16 TO STA. 115+28.5	12.5	12.5				
LT. STA. 117+12 TO STA. 117+24.5	12.5	12.5				
LT. STA. 119+12 TO STA. 119+37	25	25				
TOTAL	638	638	413	413	9	

PAVEMENT MARKING - LINE 12"		
LOCATION	TEMPORARY PAINT	URETHANE
	FT	FT
	WHITE	WHITE
EB		
RT. STA. 283+15 TO STA. 289+00	195	195
RT. STA. 313+67 TO STA. 314+60	31	31
WB		
RT. STA. 37+19 TO STA. 39+63	81	81
RT. STA. 306+05 TO STA. 310+18	138	138
RT. STA. 320+50 TO STA. 342+76	142	142
ROADWAY B		
LT. STA. 43+65 TO STA. 49+71	202	202
RAMP 2		
STA. 3+68 TO STA. 6+13	82	82
E SIDE OF ISLAND		
	20	20
RAMP D		
LT. STA. 3+23 TO STA. 6+85	121	121
RAMP E		
LT. STA. 0+76 TO STA. 2+25	50	50
RAMP F		
LT. STA. 2+60 TO STA. 6+44	128	128
TOTAL	1,189	1,189

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
EB	366
WB	346
ROADWAY A	22
ROADWAY B	78
RAMP 2	24
RAMP D	22
RAMP E	12
RAMP F	20
TOTAL	890

RAISED REFLECTIVE PAVEMENT MARKER		
LOCATION	ONE-WAY CRYSTAL	ONE-WAY AMBER
	EACH	EACH
EB		
STA. 283+15 TO STA. 289+00	15	
STA. 313+67 TO STA. 315+18	4	
STA. 26+75 TO STA. 238+59.75 (BK)	265	
STA. 255+00 (AH) TO STA. 304+13.72 (BK)	61	
STA. 303+97.50 (AH) TO STA. 346+52.26 (BK)	53	
WB		
STA. 37+19 TO STA. 39+63	6	
STA. 306+05 TO STA. 310+18	10	
STA. 320+50 TO STA. 324+76	11	
STA. 26+75 TO STA. 238+59.75 (BK)	265	
STA. 255+00 (AH) TO STA. 315+94.45 (BK)	76	
STA. 316+00 (AH) TO STA. 325+62.86 (BK)	12	
STA. 326+46.65 (AH) TO STA. 346+61.08	25	
ROADWAY A		
STA. 88+47 TO STA. 122+75	43	
ROADWAY B		
STA. 43+65 TO STA. 49+71	15	
STA. 17+18 TO STA. 49+71	41	
RAMP 2		
STA. 3+68 TO STA. 6+13	6	
STA. 6+13 TO STA. 15+04		22
RAMP D		
STA. 3+23 TO STA. 6+85	9	
RAMP E		
STA. 0+76 TO STA. 2+25	4	
STA. 2+25 TO STA. 3+10		2
RAMP F		
STA. 2+60 TO STA. 6+44	10	
STA. 6+44 TO STA. 7+07		2
SUB-TOTAL	931	26
TOTAL	957	

PAVEMENT MARKING - LINE 8"		
LOCATION	TEMPORARY PAINT	URETHANE
	FT	FT
	WHITE	WHITE
EB		
RT. STA. 38+23 TO STA. 40+00	177	177
RT. STA. 283+15 TO STA. 289+00	585	585
RT. STA. 306+54 TO STA. 309+04	250	250
RT. STA. 313+67 TO STA. 315+18	151	151
RT. STA. 324+19 TO STA. 326+90	271	271
WB		
RT. STA. 37+19 TO STA. 39+63	244	244
RT. STA. 285+18 TO STA. 289+00	382	382
RT. STA. 293+89 TO STA. 295+39	150	150
RT. STA. 306+05 TO STA. 310+18	413	413
RT. STA. 320+50 TO STA. 324+76	426	426
ROADWAY A		
RT. STA. 117+97 TO STA. 121+20	323	323
ROADWAY B		
LT. STA. 43+65 TO STA. 49+71	606	606
RAMP 2		
LT. STA. 3+68 TO STA. 6+13	245	245
STA. 0+00 TO STA. 3+68	92	92
NE SIDE OF ISLAND	60	60
SE SIDE OF ISLAND	44	44
E SIDE OF ISLAND	60	60
RAMP 4		
LT. STA. 7+00 TO STA. 8+80	180	180
STA. 8+80 TO STA. 17+23	211	211
RAMP C		
LT. STA. 12+18 TO STA. 14+67	249	249
STA. 14+67 TO STA. 18+88	105	105
RAMP D		
LT. STA. 3+23 TO STA. 6+85	362	362
STA. 0+00 TO STA. 3+23	81	81
RAMP E		
LT. STA. 0+76 TO STA. 2+25	149	149
STA. 0+00 TO STA. 0+76	19	19
RAMP F		
LT. STA. 2+60 TO STA. 6+44	384	384
STA. 0+00 TO STA. 2+60	65	65
RAMP G		
LT. STA. 26+51 TO STA. 29+80	329	329
STA. 29+80 TO STA. 38+40	215	215
RAMP H		
LT. STA. 28+12 TO STA. 31+25	313	313
STA. 31+25 TO STA. 38+60	184	184
TOTAL	7,325	7,325

DELINEATORS (SPECIAL)		
LOCATION	REFLECTORS	
	2 AMBER	3 AMBER
MEDIAN TURNAROUND	EACH	EACH
STA. 63+42	2	2
STA. 215+35	2	2
SUB-TOTAL	4	4
TOTAL	8	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72C5RS-2,5B-1,6RS-1J	PEORIA	59	22
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	SHORT-TERM PAVEMENT MARKING			WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY PAINT PAVEMENT MARKING LINE 4"		TEMPORARY PAINT PAVEMENT MARKING LINE 6"	URETHANE PAVEMENT MARKING - LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
	FT	FT	NO. APPLICATIONS	SQ FT	FT	FT	FT	FT	FT	FT
	YELLOW	WHITE			YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE
EB										
LT. STA. 26+75 TO STA. 238+59.75 (BK)	2118		4	4162	21185			21185		
LT. STA. 255+00 (AH) TO STA. 304+13.72 (BK)	491		4		4914			4914		
LT. STA. 303+97.50 (AH) TO STA. 349+71.60	457		4		4574			4574		
RT. STA. 26+75 TO STA. 38+23		115	4			1148			1148	
RT. STA. 48+46 TO STA. 238+59.75 (BK)		1901	4			19014			19014	
RT. STA. 289+00 TO STA. 304+13.72 (BK)		151	4			1514			1514	
RT. STA. 303+97.50 (AH) TO STA. 306+54		26	4			257			257	
RT. STA. 315+18 TO STA. 324+19		90	4			901			901	
RT. STA. 333+40 TO STA. 349+71.60		163	4			1632			1632	
CL STA. 26+75 TO STA. 238+59.75 (BK)		4815	4				5296			5296
CL STA. 255+00 (AH) TO STA. 304+13.72 (BK)		1117	4			1228			1228	
CL STA. 303+97.50 (AH) TO STA. 349+71.60		1040	4			1144			1144	
WB										
LT. STA. 26+75 TO STA. 238+59.75 (BK)	2118		4	4138	21185			21185		
LT. STA. 289+00 TO STA. 315+94.45 (BK)	269		4		2694			2694		
LT. STA. 316+00 (AH) TO STA. 325+62.86 (BK)	96		4		963			963		
LT. STA. 326+46.65 (AH) TO STA. 349+77.92	233		4		2331			2331		
RT. STA. 26+75 TO STA. 37+19		104	4			1044			1044	
RT. STA. 43+36 TO STA. 238+59.75 (BK)		1952	4			19524			19524	
RT. STA. 255+00 (AH) TO STA. 283+40		284	4			2840			2840	
RT. STA. 295+39 TO STA. 306+05		107	4			1066			1066	
RT. STA. 312+70 TO STA. 315+94.45 (BK)		32	4			324			324	
RT. STA. 316+00 (AH) TO STA. 320+50		45	4			450			450	
RT. STA. 327+59 TO STA. 349+77.92		222	4		2219			2219		
CL STA. 26+75 TO STA. 238+59.75 (BK)		4815	4			5296			5296	
CL STA. 255+00 (AH) TO STA. 315+94.45 (BK)		1385	4			1524			1524	
CL STA. 316+00 (AH) TO STA. 325+62.86 (BK)		219	4			241			241	
CL STA. 326+46.65 (AH) TO STA. 349+77.92		530	4			583			583	
ROADWAY A										
LT. STA. 88+47 TO STA. 122+75	343		4	379	3428			3428		
RT. STA. 121+20 TO STA. 122+75		16	4			155			155	
CL STA. 88+47 TO STA. 122+75		779	4				857			857
ROADWAY B										
RT. STA. 17+18 TO STA. 49+71		325	4	355		3253			3253	
CL STA. 17+18 TO STA. 49+71		739	4				813			813

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 USER NAME = toro.je
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/12/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 9 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72L5RS-2,5B-1,6RS-1J	PEORIA	59	23
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE										
LOCATION	SHORT-TERM PAVEMENT MARKING			WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY PAINT PAVEMENT MARKING LINE 4"		TEMPORARY PAINT PAVEMENT MARKING LINE 6"	URETHANE PAVEMENT MARKING - LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
	FT	FT	NO. APPLICATIONS	SQ FT	FT	FT	FT	FT	FT	FT
	YELLOW	WHITE			YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE
RAMP 2										
SE RADIUS	15		4	91	153			153		
LT. STA. 6+13 TP STA. 15+04	89	150	4		891			891		
NE RADIUS		19	4			192			192	
RT. STA. 0+00 TO STA. 15+04						1504			1504	
RAMP 4										
NW RADIUS	12		4	82	121			121		
LT. STA. 1+00 TO STA. 7+00	60		4		600			600		
SE RADIUS		13	4			130			130	
RT. STA. 1+00 TO STA. 17+23		162	4			1623			1623	
RAMP C										
LT. STA. 12+18 TOS TA, 12+70	5		4	24	52			52		
RT. STA. 12+18 TO STA. 18+88		67	4						670	
RAMP D										
RT. STA. 0+00 TO STA. 6+85		69	4	23					685	
RAMP E										
LT. STA. 2+25 TO STA. 3+10	9		4	13	85			85		
RT. STA. 0+00 TO STA. 3+10		31	4						310	
RAMP F										
LT. STA. 6+44 TO STA. 7+07	6		4	26	63			63		
RT. STA. 0+00 TO STA. 7+07		71	4						707	
RAMP G										
RT. STA. 26+51 TO STA. 38+40		119	4	40					1189	
RAMP H										
RT. STA. 28+12 TO STA. 38+60		105	4	35					1048	
SUB-TOTAL	6,324	21,778		9,367	63,239	63,398	16,982	63,239	63,398	16,982
TOTAL		112,407		9,367	126,637		16,982	126,637		16,982

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/12/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 10 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	T2(CRS-2,5B-1)6RS-1J	PEORIA	59	24
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

AGGREGATE SHOULDERS, TYPE B		
LOCATION	LT	RT
	TON	
WB		
STA. 26+75 TO STA. 29+51		5.1
STA. 33+78 TO STA. 37+19		6.3
STA. 43+36 TO STA. 73+80		56.5
STA. 81+93 TO STA. 95+50		25.2
STA. 102+63 TO STA. 108+53		11.0
STA. 111+80 TO STA. 119+55		14.4
STA. 127+43 TO STA. 146+98	786.7	36.3
STA. 157+23 TO STA. 168+43		20.8
STA. 181+70 TO STA. 187+88		11.5
STA. 200+63 TO STA. 203+70		5.7
STA. 204+70 TO STA. 219+60		27.7
STA. 232+23 TO STA. 235+30		5.7
STA. 235+30 TO STA. 238+59.75 (BK)		
STA. 264+23 TO STA. 278+00		25.6
STA. 287+90 TO STA. 289+00	2.0	
STA. 289+00 TO STA. 295+39		
STA. 295+39 TO STA. 306+05	100.1	19.8
STA. 312+70 TO STA. 315+94.45 (BK)		6.0
STA. 316+00 (AH) TO STA. 320+50	18.6	8.4
STA. 320+50 TO STA. 321+00		
STA. 327+59 TO STA. 327+94		9.3
STA. 327+94 TO STA. 332+61		
STA. 332+61 TO STA. 346+36	69.3	
STA. 346+36 TO STA. 346+61.08		0.5
EB		
STA. 26+75 TO STA. 29+97		15.3
STA. 29+97 TO STA. 38+23		39.8
STA. 48+46 TO STA. 69+88		20.9
STA. 81+13 TO STA. 92+38		12.4
STA. 99+13 TO STA. 105+82		15.9
STA. 109+09 TO STA. 117+63		7.7
STA. 128+63 TO STA. 132+78	786.7	16.1
STA. 137+90 TO STA. 146+58		5.9
STA. 162+20 TO STA. 165+37		6.1
STA. 168+89 TO STA. 172+18		11.8
STA. 178+55 TO STA. 184+88		25.2
STA. 197+79 TO STA. 211+38		5.9
STA. 228+38 TO STA. 231+54		
STA. 231+54 TO STA. 238+59.75 (BK)		
STA. 255+00 (AH) TO STA. 256+75	6.5	
STA. 260+37 TO STA. 278+53	67.4	
STA. 282+53 TO STA. 287+28	17.6	
STA. 288+75 TO STA. 289+00		
STA. 289+00 TO STA. 304+13.72 (BK)	57.1	28.1
STA. 303+97.50 (AH) TO STA. 306+54		4.8
STA. 315+18 TO STA. 324+19	158.0	16.7
STA. 346+27 TO STA. 346+52.26		0.5

AGGREGATE SHOULDERS, TYPE B		
LOCATION	LT	RT
	TON	
ROADWAY A		
STA. 88+47 TO STA. 110+95	83.5	
STA. 121+20 TO STA. 122+75		2.9
ROADWAY B		
STA. 23+72 TO STA. 38+85	28.1	
STA. 45+60 TO STA. 49+71		7.6
RAMP 2		
STA. 6+13 TO STA. 16+50	38.5	
STA. 0+00 TO STA. 16+50		30.6
RAMP 4		
STA. 0+00 TO STA. 7+00	26.0	
STA. 0+00 TO STA. 17+23		32.0
RAMP C		
STA. 12+18 TO STA. 12+65	1.8	
STA. 12+18 TO STA. 18+88		12.4
RAMP D		
STA. 0+00 TO STA. 6+85		12.7
RAMP E		
STA. 2+25 TO STA. 3+10	3.2	
STA. 0+00 TO STA. 3+10		5.8
RAMP F		
STA. 6+40 TO STA. 7+07	2.5	
STA. 1+60 TO STA. 7+07		10.2
RAMP G		
STA. 26+51 TO STA. 26+81	1.1	
STA. 32+90 TO STA. 37+10		7.8
RAMP H		
STA. 28+12 TO STA. 28+60	1.8	
STA. 28+12 TO STA. 38+60		19.5
SUB-TOTAL	2256.5	670.3
TOTAL	2,927	

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

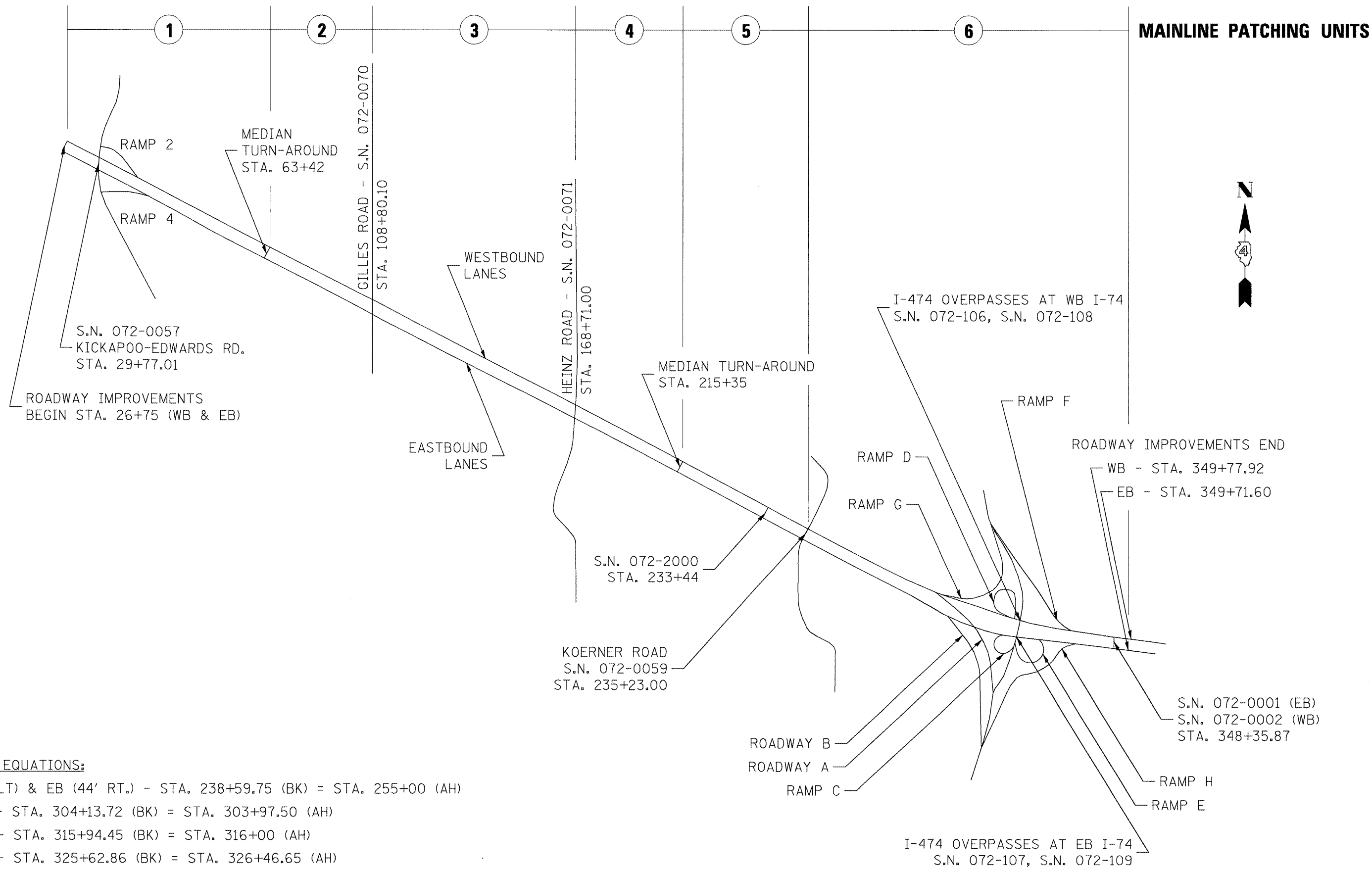
SCALE: SHEET NO. 11 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-16RS-1]	PEORIA	59	25
CONTRACT NO. 68391			ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE								
LOCATION	CLASS B PATCHES - 15 INCH				SAW CUTS FT	DOWEL BARS EACH	PAVEMENT FABRIC SQ YD	TIE BARS 1 1/4" EACH
	TYPE I SQ YD	TYPE II SQ YD	TYPE III SQ YD	TYPE IV SQ YD				
EB PATCHING UNITS								
1 - STA. 26+75 TO STA. 63+42		48.0	9.6		350.0	124	9.6	
2 - STA. 63+42 TO STA. 108+80.10		31.4	8.0		224.0	75	8.0	
3 - STA. 108+80.10 TO STA. 168+71		82.1			1099.1	286		
4 - STA. 168+71 TO STA. 215+35		40.9	76.3	58.7	242.0	88	134.9	
5 - STA. 215+35 TO STA. 235+23		17.6			118.8	44		
6 - STA. 235+23 TO STA. 349+77.92	13.2	2334.8	17.6		13516.8	4994	17.6	12.1
WB PATCHING UNITS								
1 - STA. 26+75 TO STA. 63+42								
2 - STA. 63+42 TO STA. 108+80.10		32.2			191.4	66		
3 - STA. 108+80.10 TO STA. 168+71		258.2	88.0		1799.6	594	88.0	
4 - STA. 168+71 TO STA. 215+35		82.1	35.2		660.0	220	35.2	
5 - STA. 215+35 TO STA. 235+23		43.7			248.6	88		
6 - STA. 235+23 TO STA. 349+77.92		361	53		2369	858	52.8	
RAMP F		93.9	19.6		730.4	198	19.6	
RAMP D		93.9			633.6	176		
RAMP G		93.9			633.6	176		
ROADWAY A		76.3	23.5		565.4	198	23.5	
RAMP 2		46.9	19.6		413.6	110	19.6	
RAMP 4		35.2			237.6	66		
ROADWAY B	4.4	503.6			3216.4	1210		
RAMP C		152.5			1029.6	286		
RAMP E		39.1	19.6		343.2	88	19.6	
RAMP H		105.6	39.1		853.6	220	39.1	
GRAND-TOTAL	18	4,573	409	59	29,477	10,164	467	12

NOTE 1: PAVEMENT FABRIC DOES NOT INCLUDE QUANTITY FOR CULVERT LINING (889 SQ YDS).
PLEASE SEE CULVERT LINING SCHEDULE ON SHEET 44.

NOTE 2: PLEASE SEE DIAGRAM ON SHEET 27 FOR LOCATION OF PATCHING UNITS.



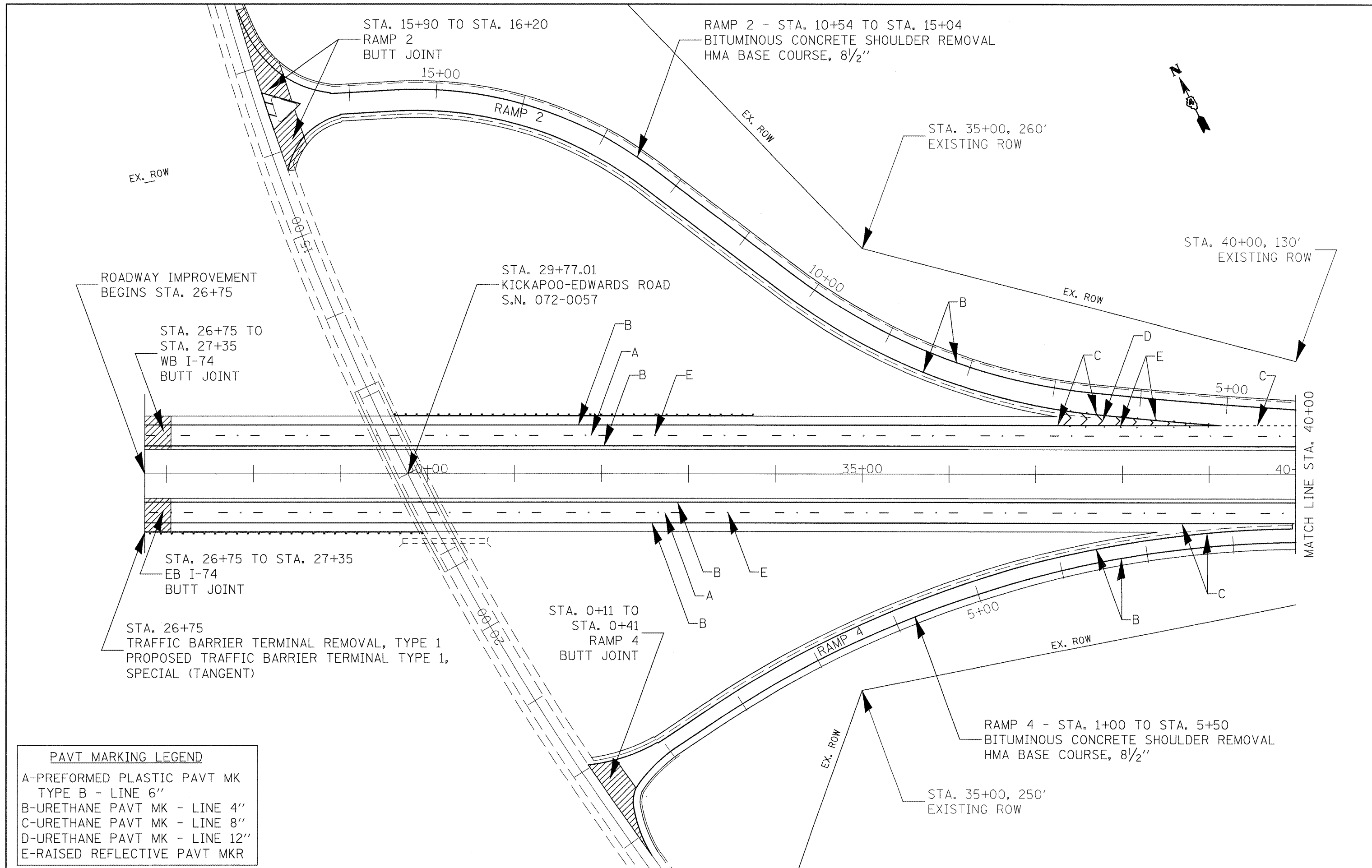
MAINLINE PATCHING UNITS



STATION EQUATIONS:

WB (44' LT) & EB (44' RT.) - STA. 238+59.75 (BK) = STA. 255+00 (AH)
 EB (CL) - STA. 304+13.72 (BK) = STA. 303+97.50 (AH)
 WB (CL) - STA. 315+94.45 (BK) = STA. 316+00 (AH)
 WB (CL) - STA. 325+62.86 (BK) = STA. 326+46.65 (AH)

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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					74	72[5RS-2,5B-1]6RS-1J	PEORIA	59	27	
	PLOT DATE = 2/13/2009	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 68391				
	ILLINOIS FED. AID PROJECT												



PAVT MARKING LEGEND

- A-PREFORMED PLASTIC PAVT MK
TYPE B - LINE 6"
- B-URETHANE PAVT MK - LINE 4"
- C-URETHANE PAVT MK - LINE 8"
- D-URETHANE PAVT MK - LINE 12"
- E-RAISED REFLECTIVE PAVT MKR

FILE NAME = Plan Sheets.dgn	USER NAME = toroje	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

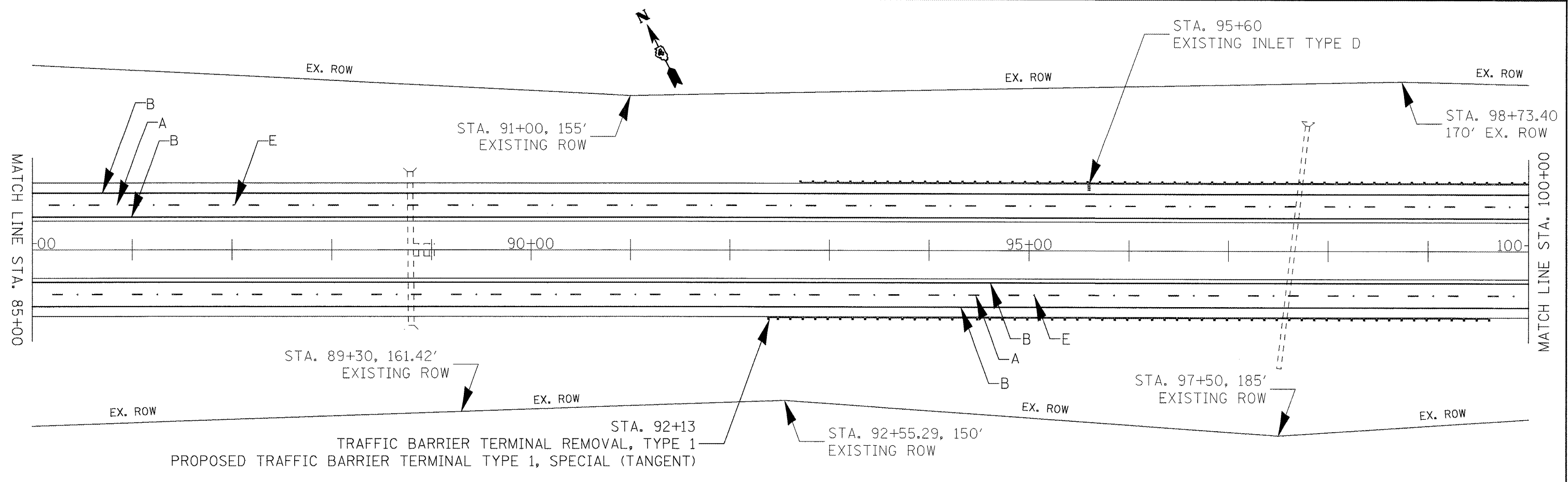
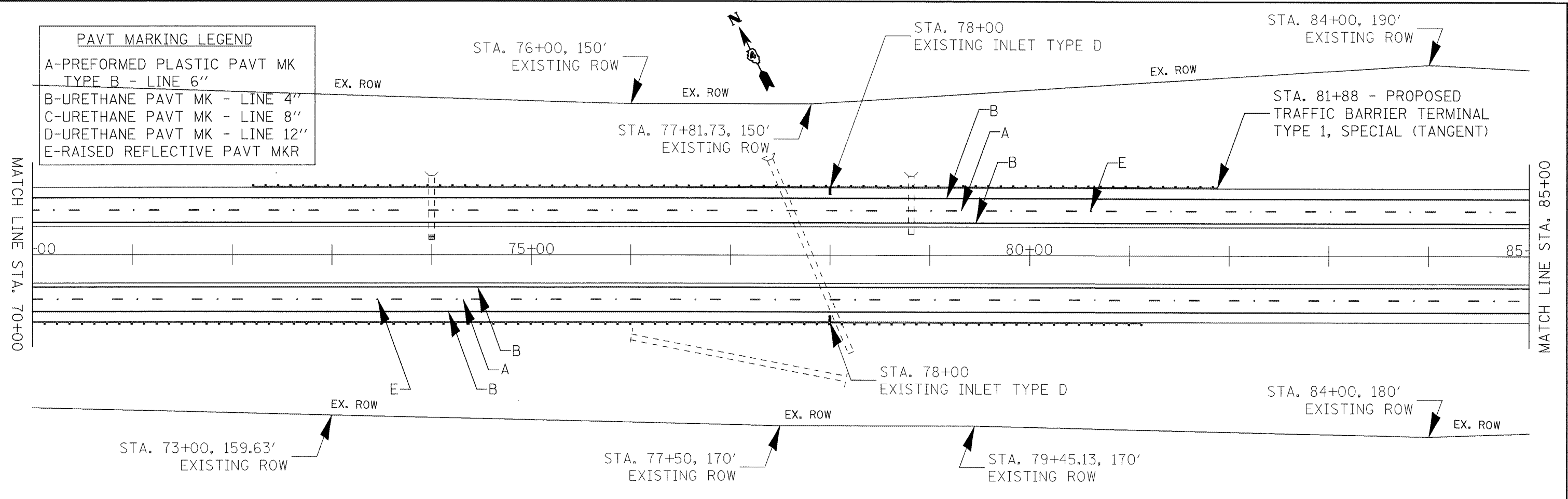
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1" = 50' SHEET NO. 1 OF 14 SHEETS STA. 26+75 TO STA. 40+00

F.A.I. RTE. 74	SECTION 72[5RS-2,5B-1;6RS-1]	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 28
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

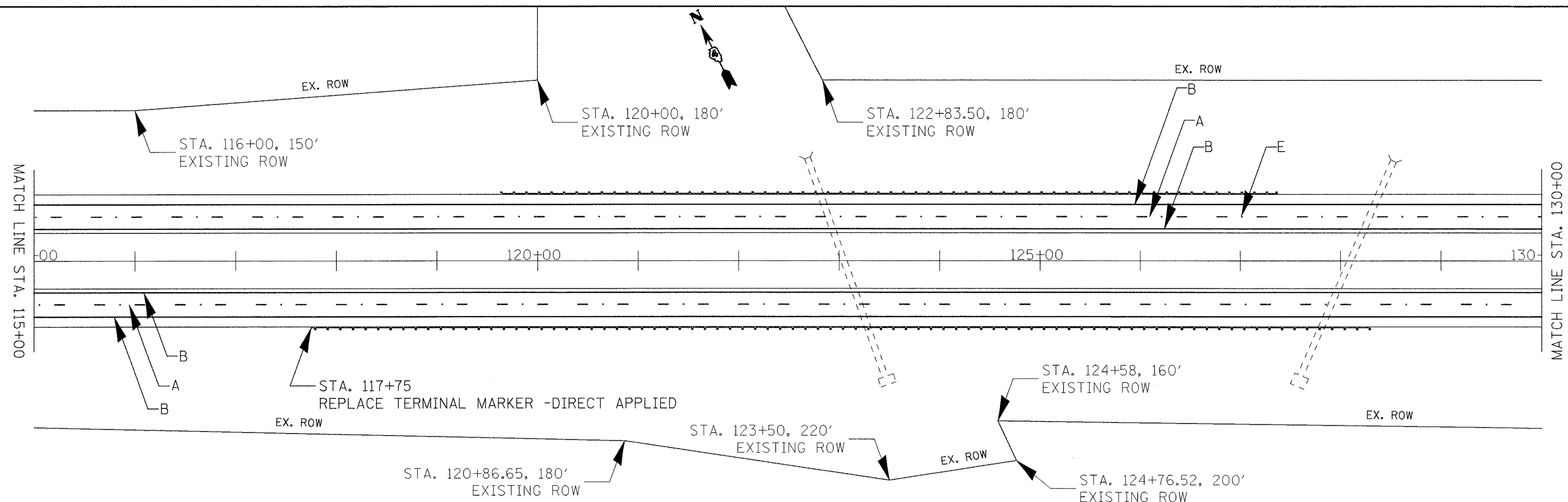
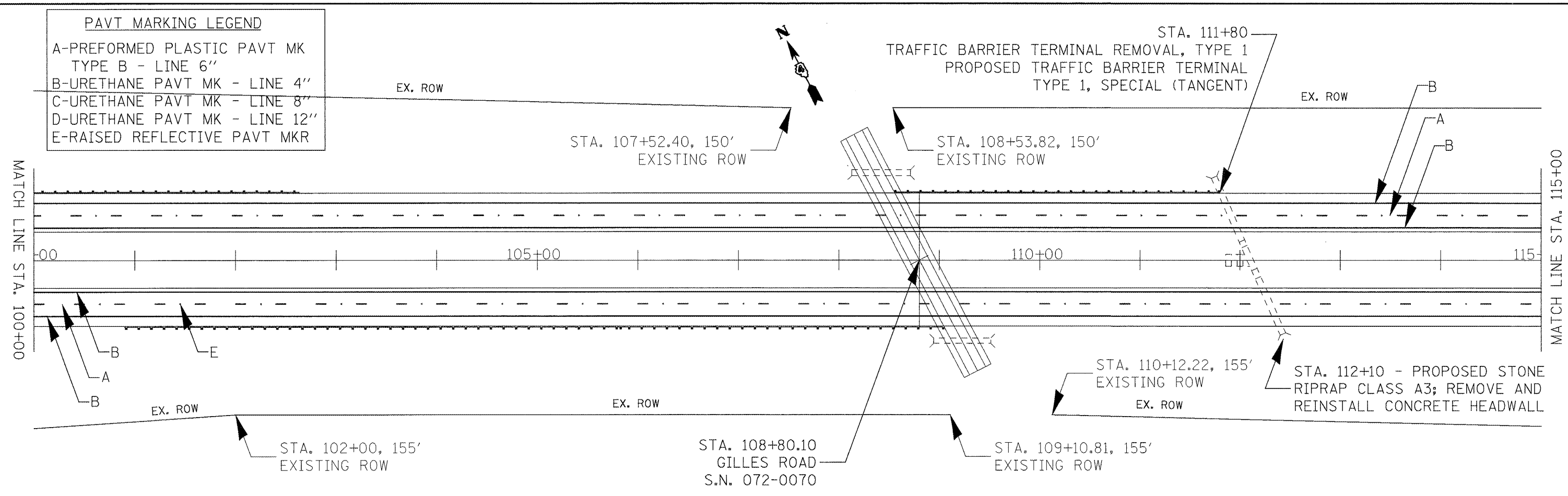
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A	PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
B	URETHANE PAVT MK - LINE 4"
C	URETHANE PAVT MK - LINE 8"
D	URETHANE PAVT MK - LINE 12"
E	RAISED REFLECTIVE PAVT MKR



FILE NAME = Plan Sheets.dgn	USER NAME = toroja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS		F.A.I. RTE. 74	SECTION 72ISRS-2.5B-1+6RS-11	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 30	
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 3 OF 14 SHEETS	STA. 70+00 TO STA. 100+00	CONTRACT NO. 68391				
	PLOT DATE = 2/13/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

PAVT MARKING LEGEND

A-PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
B-URETHANE PAVT MK - LINE 4"
C-URETHANE PAVT MK - LINE 8"
D-URETHANE PAVT MK - LINE 12"
E-RAISED REFLECTIVE PAVT MKR



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		DATE -	REVISED -

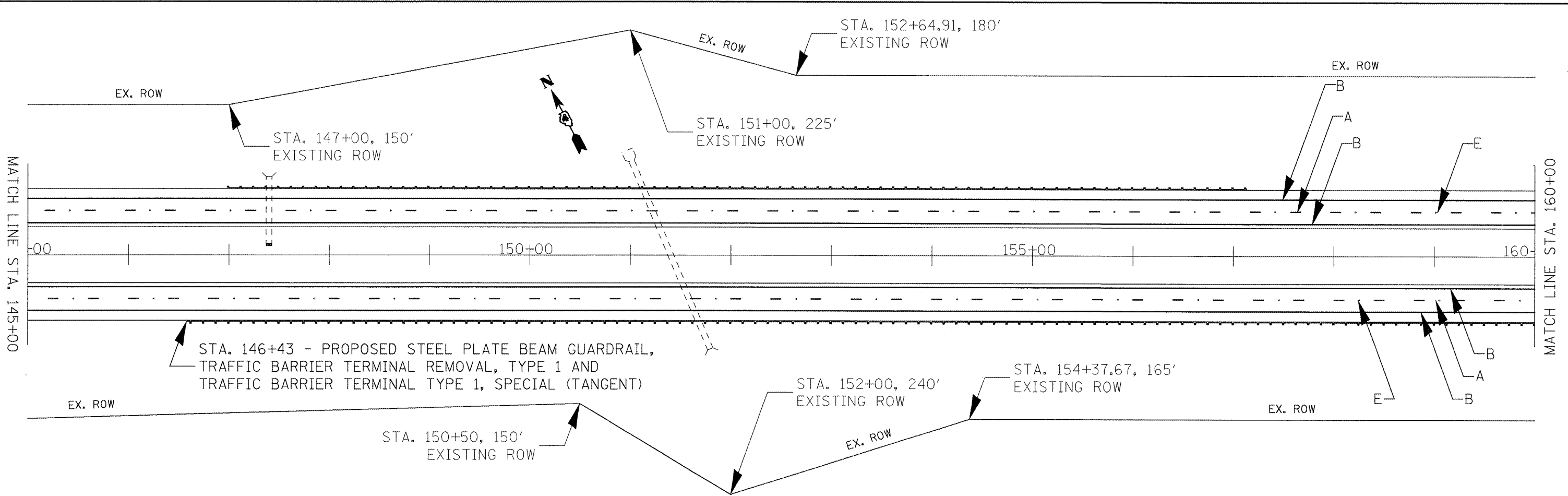
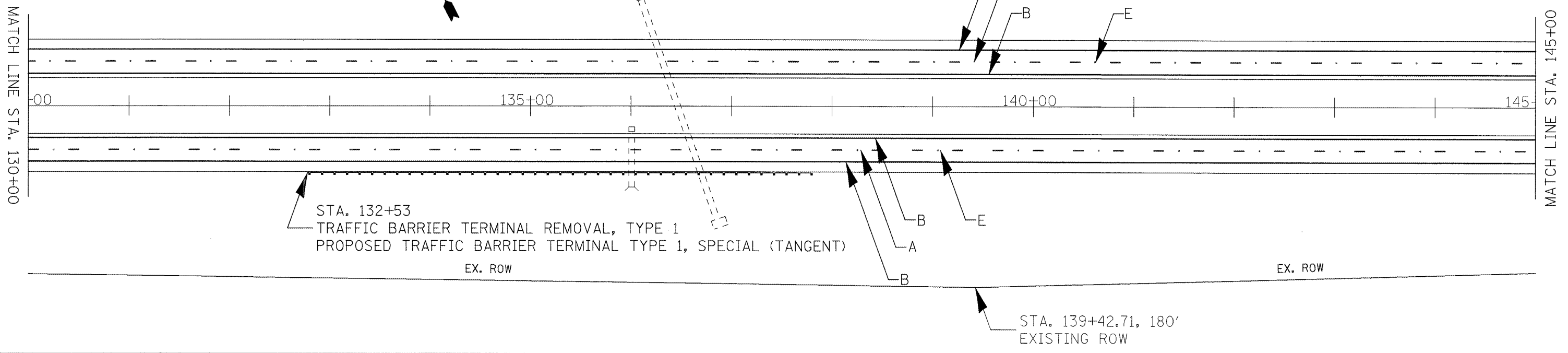
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

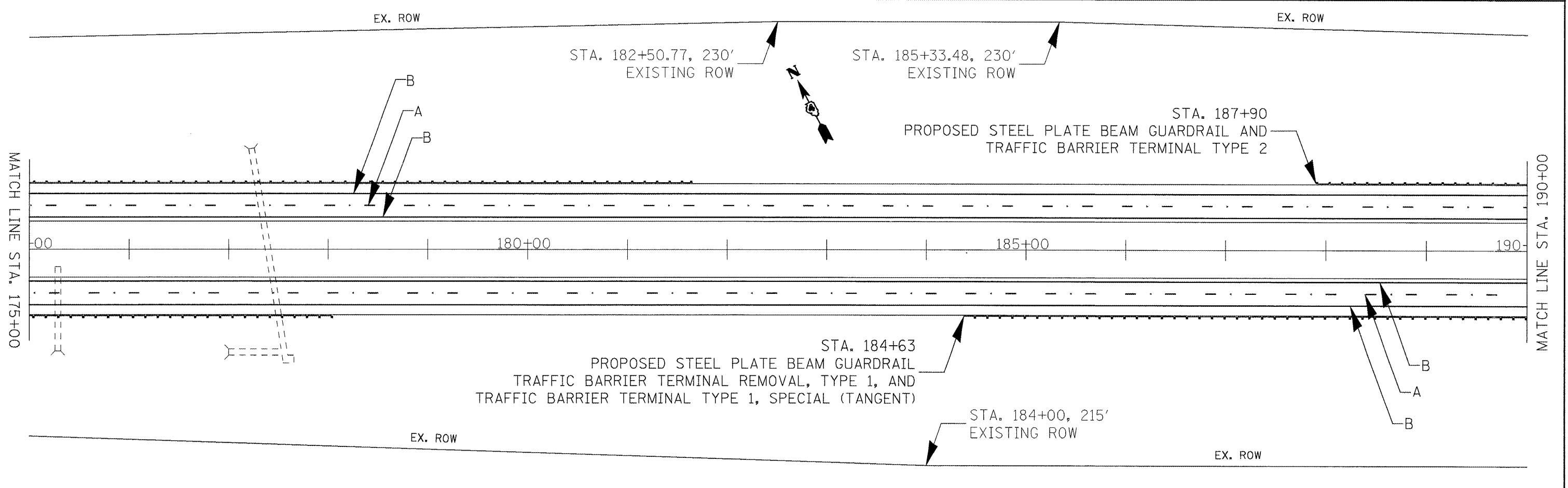
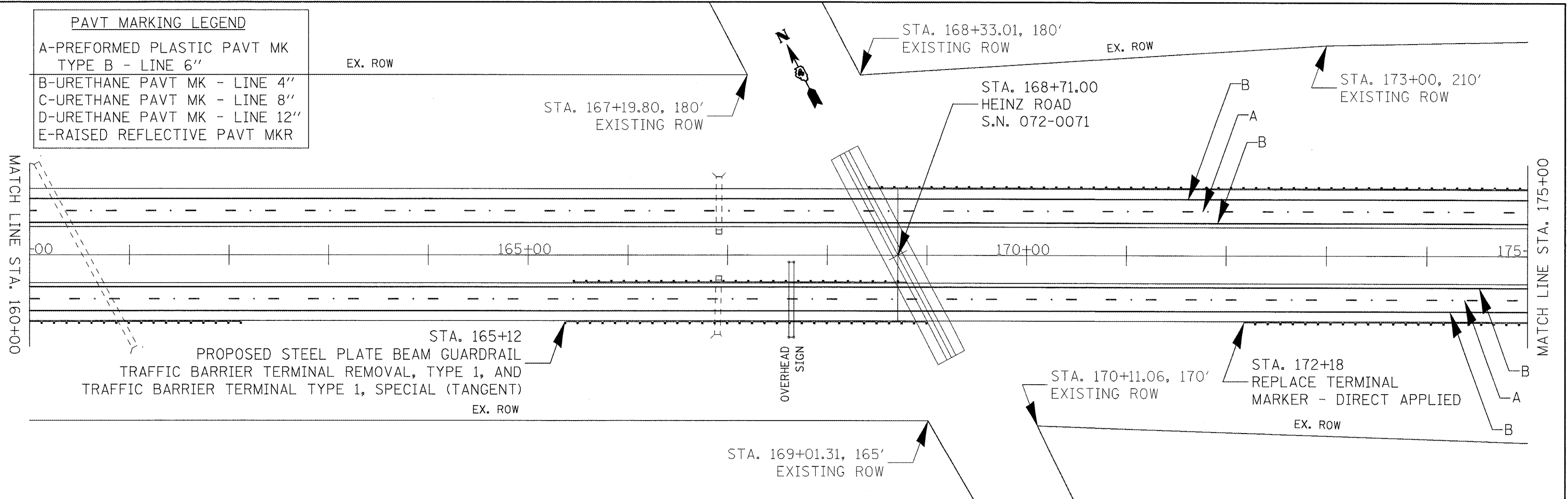
SCALE: 1" = 50' SHEET NO. 4 OF 14 SHEETS STA. 100+00 TO STA. 130+00

F.A.I. RTE. 74	SECTION 72(5RS-2,5B-1)6RS-1J	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 31
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

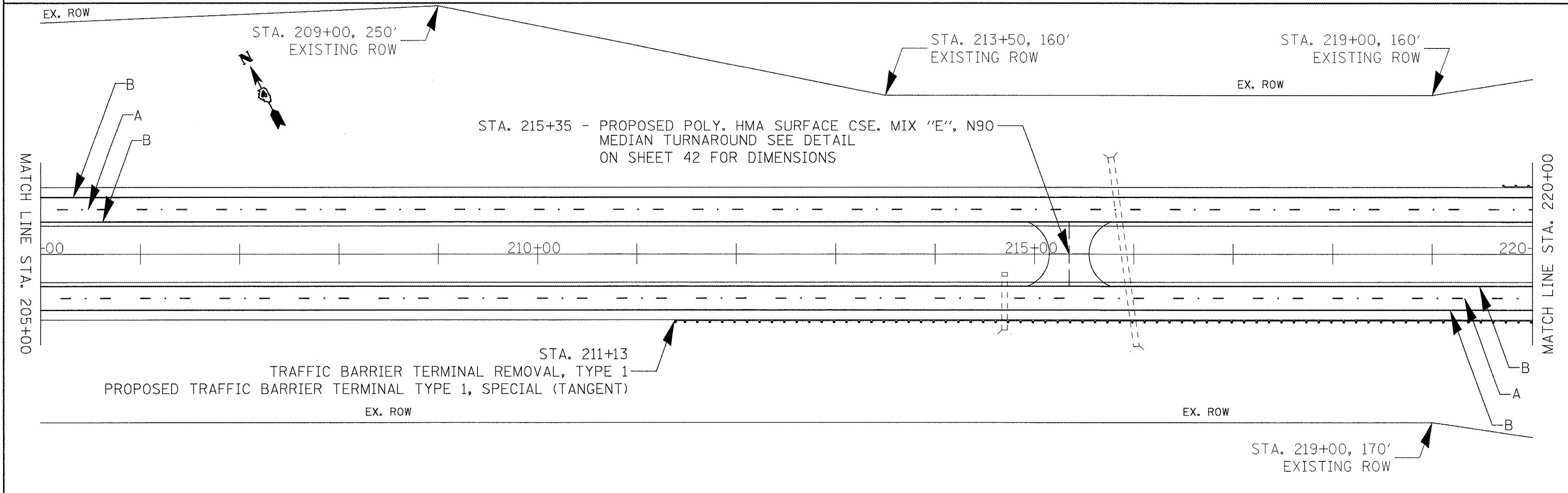
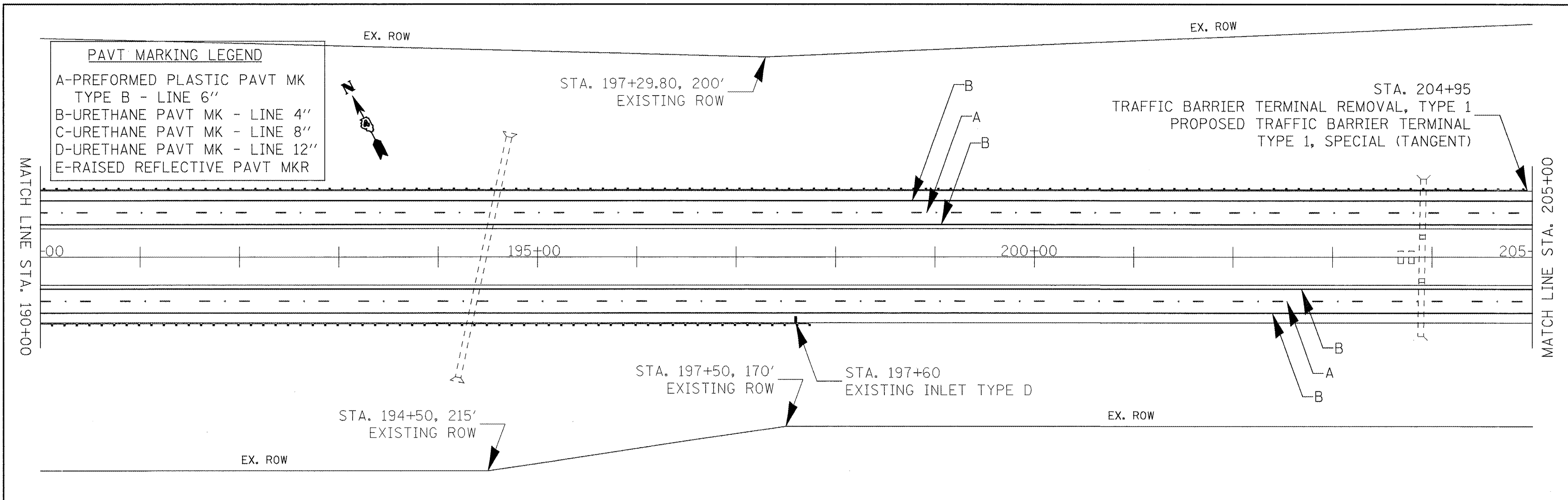
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A	PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
B	URETHANE PAVT MK - LINE 4"
C	URETHANE PAVT MK - LINE 8"
D	URETHANE PAVT MK - LINE 12"
E	RAISED REFLECTIVE PAVT MKR



PAVT MARKING LEGEND	
A	PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
B	URETHANE PAVT MK - LINE 4"
C	URETHANE PAVT MK - LINE 8"
D	URETHANE PAVT MK - LINE 12"
E	RAISED REFLECTIVE PAVT MKR



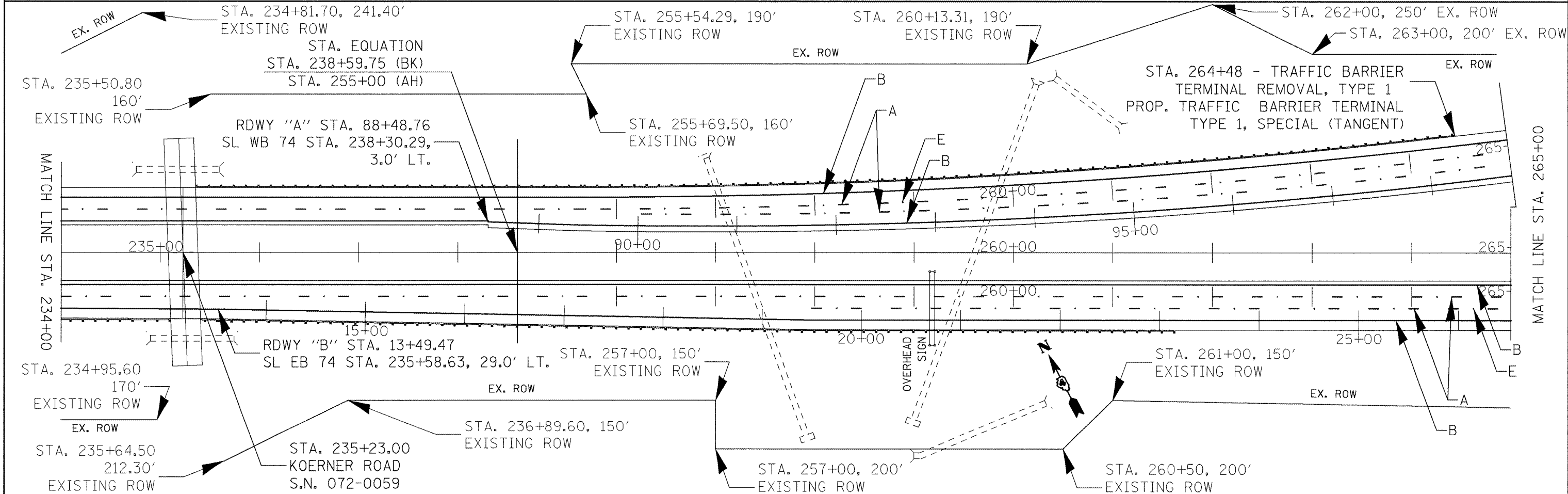
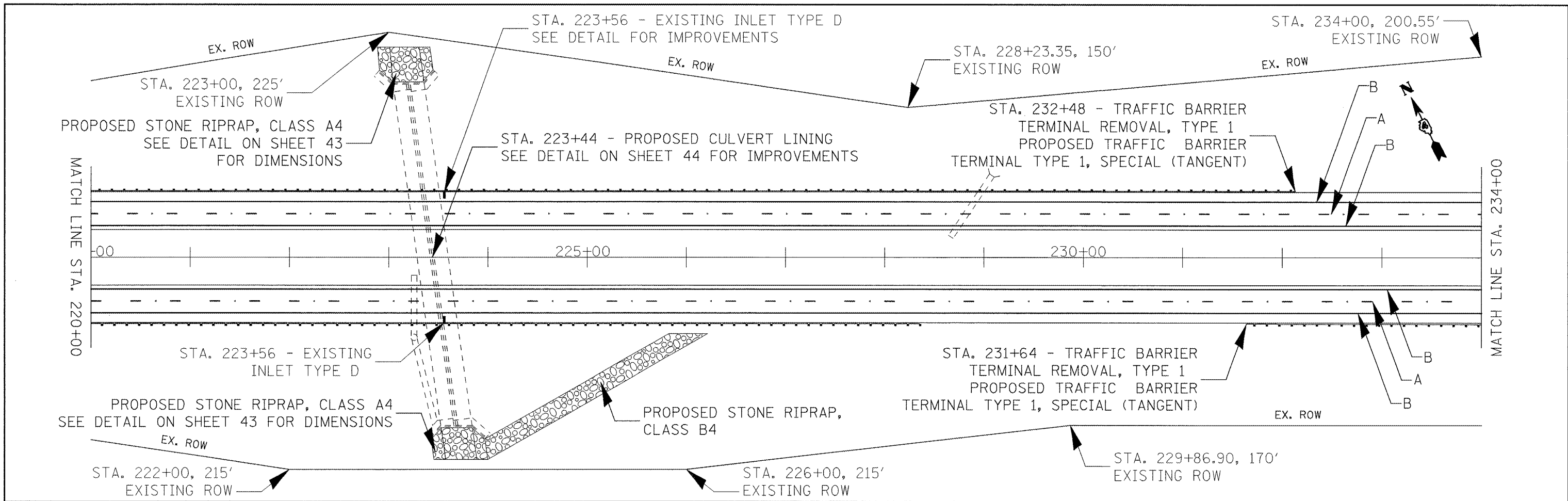
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					SCALE: 1" = 50'	SHEET NO. 6 OF 14 SHEETS	STA. 160+00 TO STA. 190+00	CONTRACT NO. 68391				
					ILLINOIS FED. AID PROJECT							



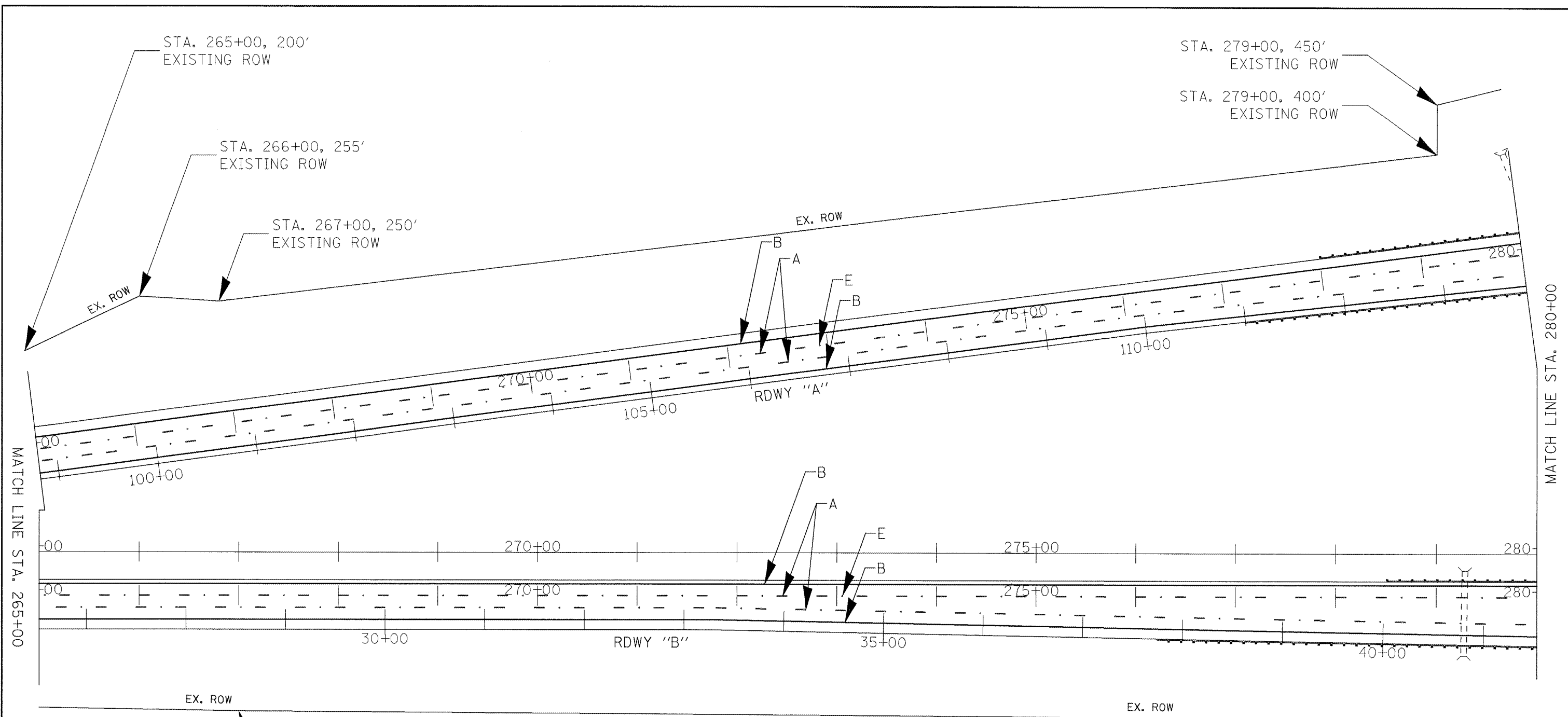
PAVT MARKING LEGEND

- A-PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
- B-URETHANE PAVT MK - LINE 4"
- C-URETHANE PAVT MK - LINE 8"
- D-URETHANE PAVT MK - LINE 12"
- E-RAISED REFLECTIVE PAVT MKR

FILE NAME = Plan Sheets.dgn	USER NAME = toroja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS	F.A.I. RTE. 74	SECTION 72CSRS-2,5B-1a6RS-11	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 34
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PLOT DATE = 2/13/2009		CHECKED -		CONTRACT NO. 68391		ILLINOIS FED. AID PROJECT				
		DATE -								



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	PLDT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 8 OF 14 SHEETS	STA. 220+00 TO STA. 265+00	CONTRACT NO. 68391				
	PLDT DATE = 2/13/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



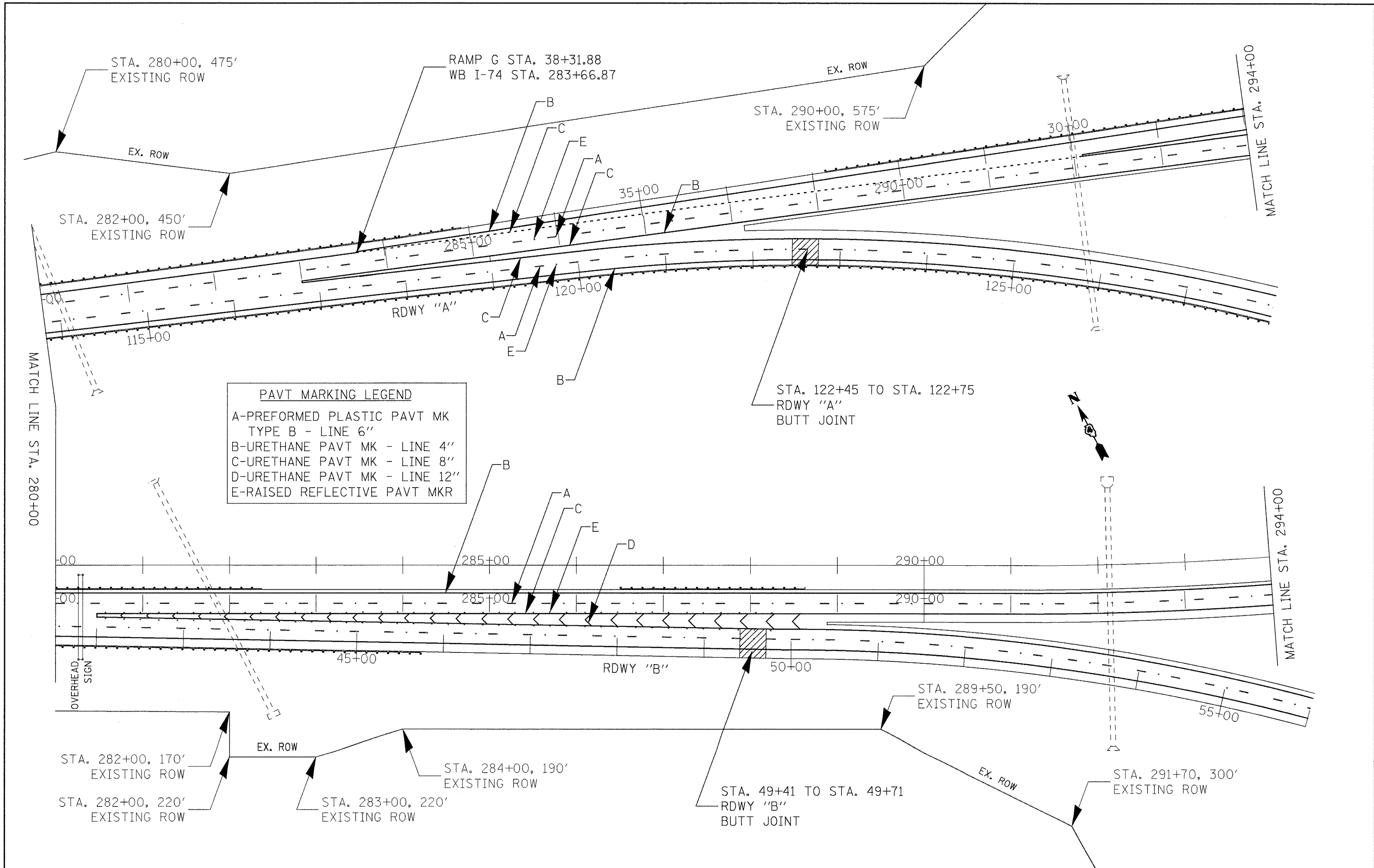
PAVT MARKING LEGEND

A-PREFORMED PLASTIC PAVT MK
 TYPE B - LINE 6"
 B-URETHANE PAVT MK - LINE 4"
 C-URETHANE PAVT MK - LINE 8"
 D-URETHANE PAVT MK - LINE 12"
 E-RAISED REFLECTIVE PAVT MKR



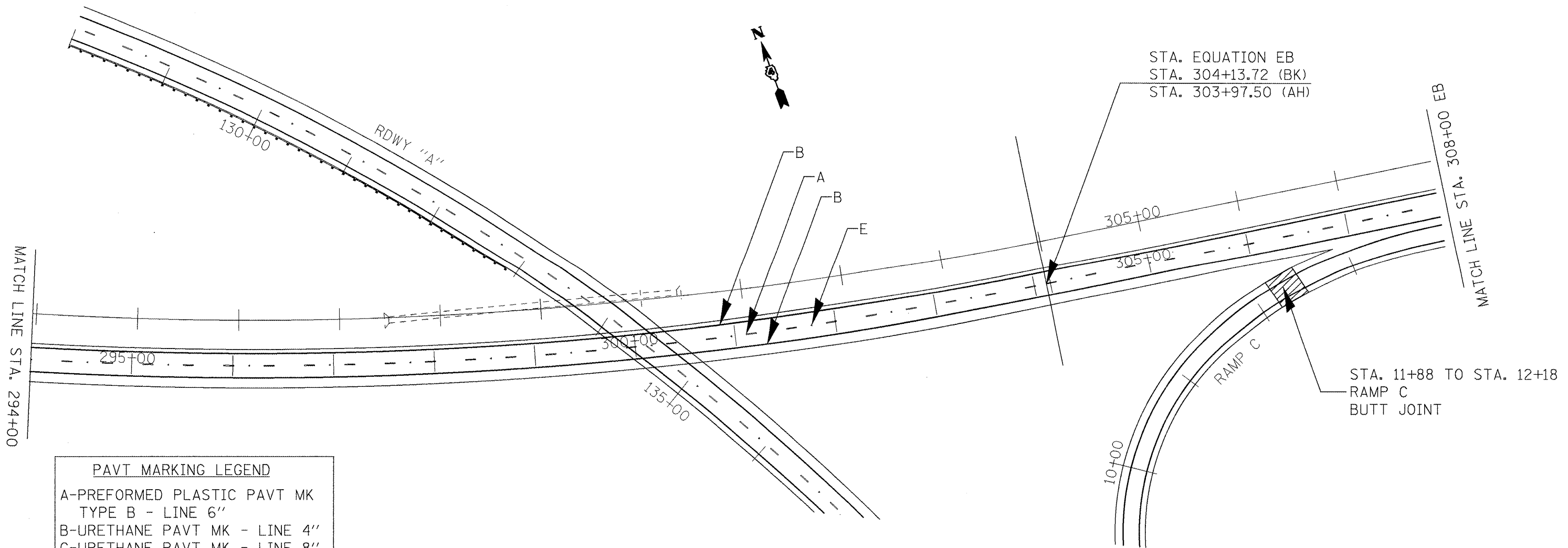
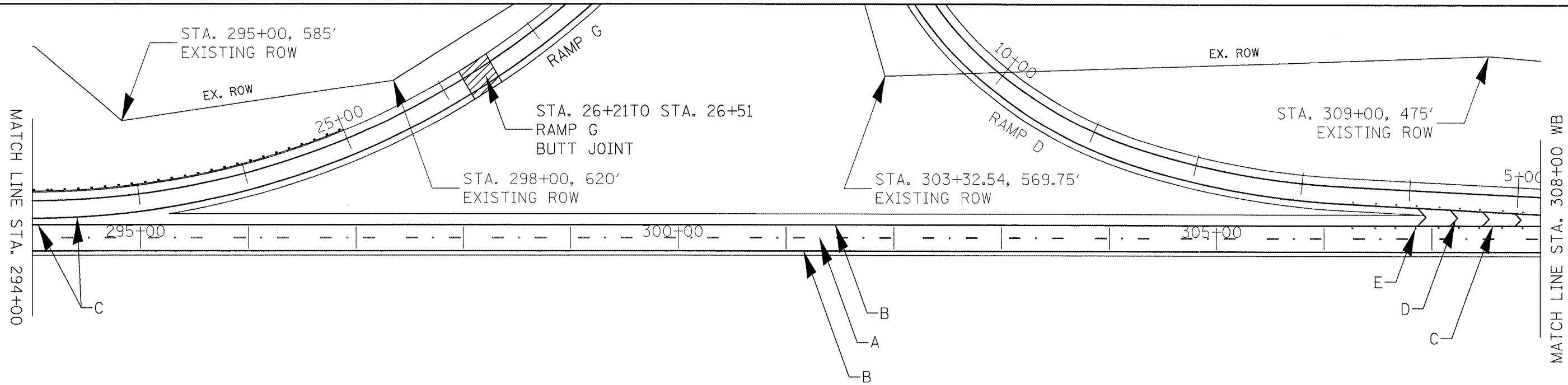
STA. 267+00, 160.80'
 EXISTING ROW

FILE NAME = Plan Sheets.dgn	USER NAME = torojs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS	F.A.I. RTE. 74	SECTION 72(5RS-2,5B-1;6RS-1)	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 36
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		DATE -	REVISED -		STA. 265+00 TO STA. 280+00					
CONTRACT NO. 68391 ILLINOIS FED. AID PROJECT										



PAVT MARKING LEGEND
 A-PREFORMED PLASTIC PAVT MK
 TYPE B - LINE 6"
 B-URETHANE PAVT MK - LINE 4"
 C-URETHANE PAVT MK - LINE 8"
 D-URETHANE PAVT MK - LINE 12"
 E-RAISED REFLECTIVE PAVT MKR

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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



PAVT MARKING LEGEND

- A-PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
- B-URETHANE PAVT MK - LINE 4"
- C-URETHANE PAVT MK - LINE 8"
- D-URETHANE PAVT MK - LINE 12"
- E-RAISED REFLECTIVE PAVT MKR

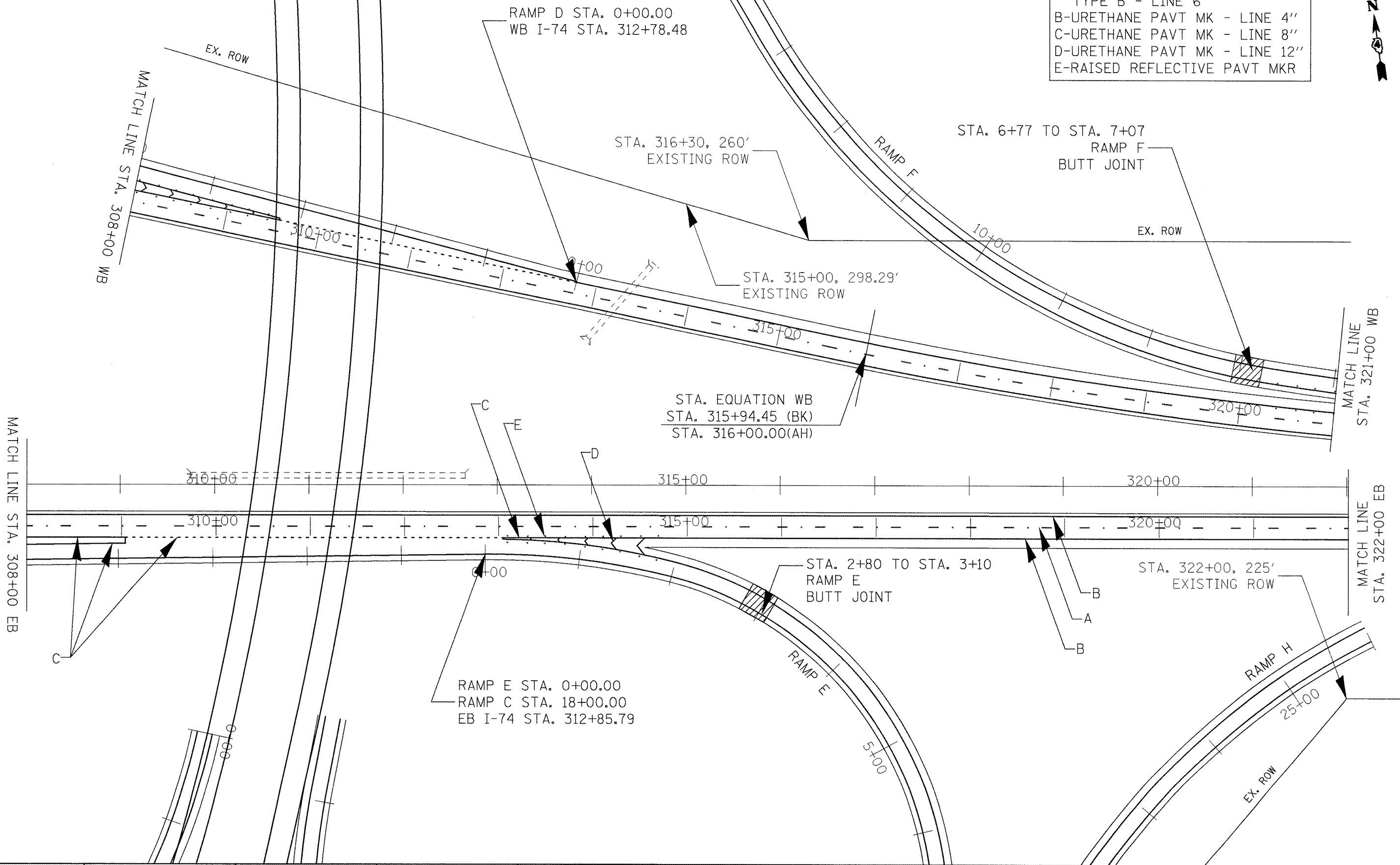
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	PLOT DATE = 2/12/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 1" = 50'	SHEET NO. 11 OF 14 SHEETS	STA. 294+00 TO STA. 308+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72LSRS-2.5B-I-6RS-11	PEORIA	59	38
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				

PAVT MARKING LEGEND	
A	PREFORMED PLASTIC PAVT MK TYPE B - LINE 6"
B	URETHANE PAVT MK - LINE 4"
C	URETHANE PAVT MK - LINE 8"
D	URETHANE PAVT MK - LINE 12"
E	RAISED REFLECTIVE PAVT MKR



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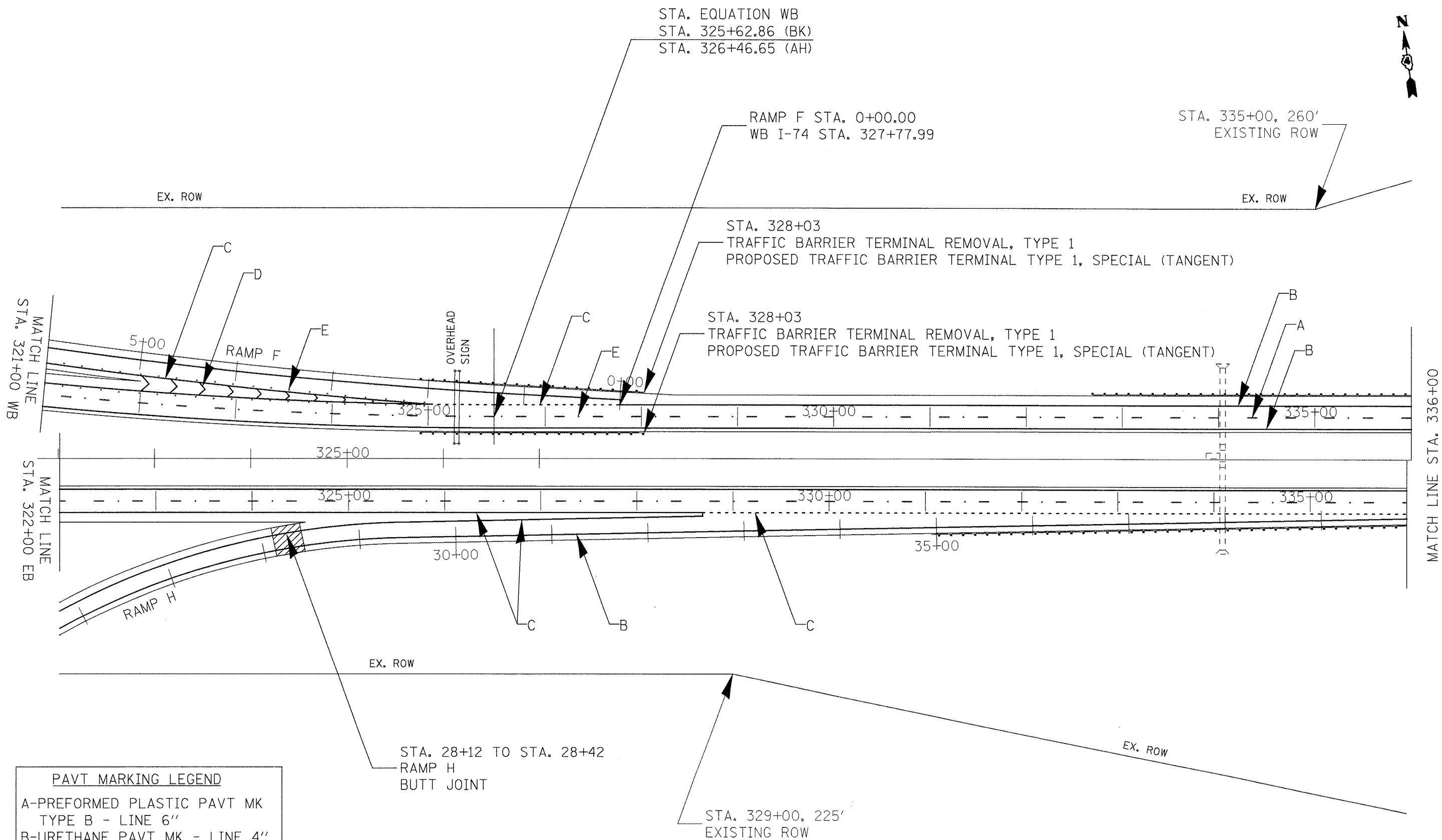
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 PLOT DATE = 2/12/2009

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS
 SCALE: 1" = 50' SHEET NO. 12 OF 14 SHEETS STA. 308+00 TO STA. 321+00

F.A.I. RTE. 74	SECTION 72[5RS-2,5B-1;6RS-1]	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 39
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				



PAVT MARKING LEGEND

A-PREFORMED PLASTIC PAVT MK
 TYPE B - LINE 6"

B-URETHANE PAVT MK - LINE 4"

C-URETHANE PAVT MK - LINE 8"

D-URETHANE PAVT MK - LINE 12"

E-RAISED REFLECTIVE PAVT MKR

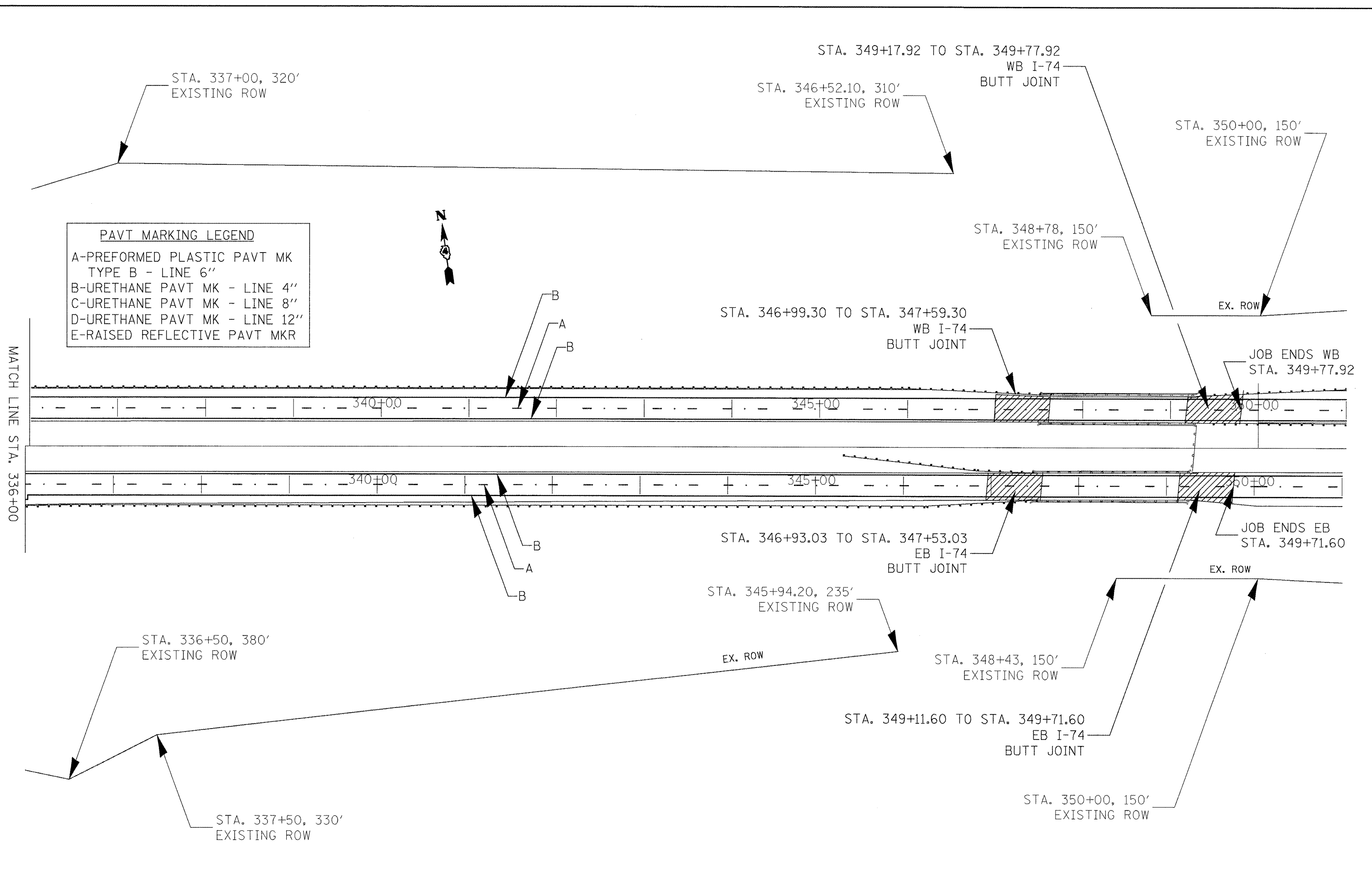
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

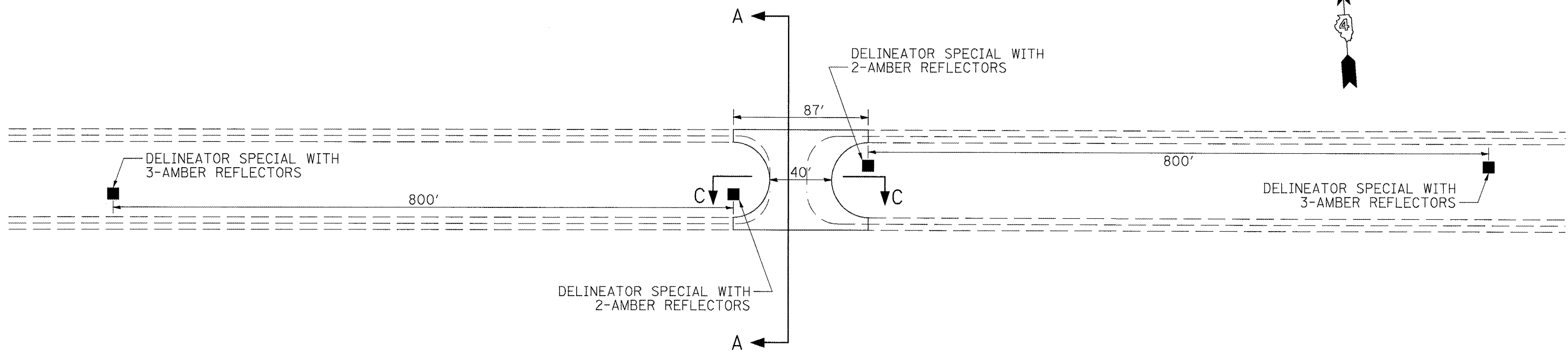
PLAN SHEETS

SCALE: 1" = 50' SHEET NO. 13 OF 14 SHEETS STA. 321+00 TO STA. 336+00

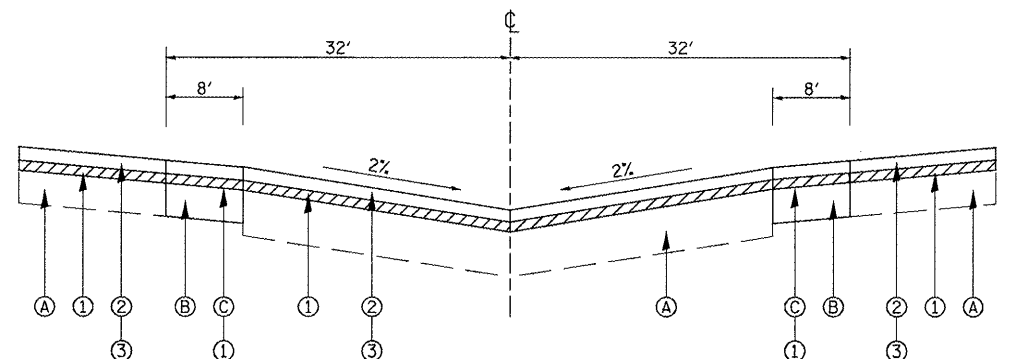
F.A.I. RTE. 74	SECTION 72(5RS-2.5B-1(6RS-1)	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 40
CONTRACT NO. 68391				
ILLINOIS FED. AID PROJECT				



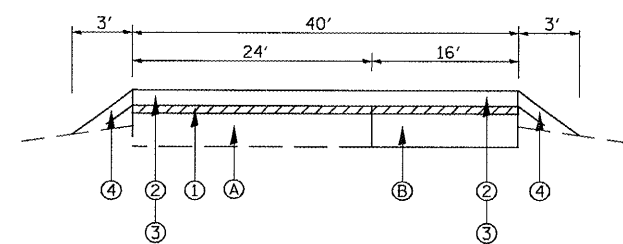
FILE NAME = Plan Sheets.dgn	USER NAME = toroja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS		F.A.I. RTE. 74	SECTION 72(LRS-2,5B-I,6RS-1)	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 41	
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 14 OF 14 SHEETS	STA. 336+00 TO STA. 351+00	CONTRACT NO. 68391				
	PLOT DATE = 2/12/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



MEDIAN TURNAROUND DETAIL
 STA. 63+42
 STA. 215+35



SECTION A-A



SECTION C-C

LEGEND

- (A) EXISTING PAVEMENT
- (B) EXISTING BITUMINOUS WIDENING
- (C) EXISTING BITUMINOUS SHOULDERS
- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER CSE. 2-1/4"
- (3) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE CSE. 1-1/2"
- (4) PROPOSED AGGREGATE SHOULDER, TYPE B

NOTES

1) OMIT RUMBLE STRIPS ON SHOULDERS WITHIN THESE LIMITS.

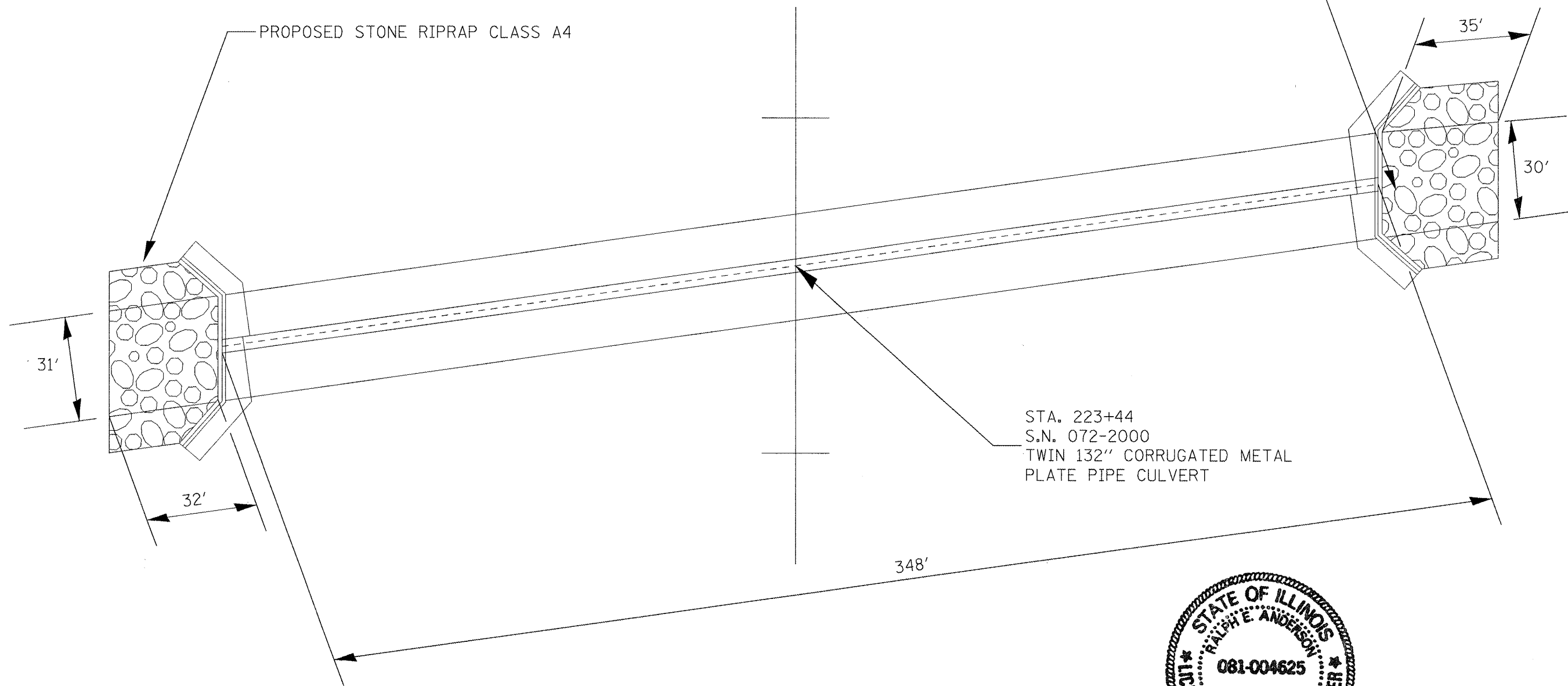
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		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 68391			
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



☉ I-74

PROPOSED STONE RIPRAP CLASS A4

PROPOSED STONE RIPRAP CLASS A4



STA. 223+44
S.N. 072-2000
TWIN 132" CORRUGATED METAL
PLATE PIPE CULVERT

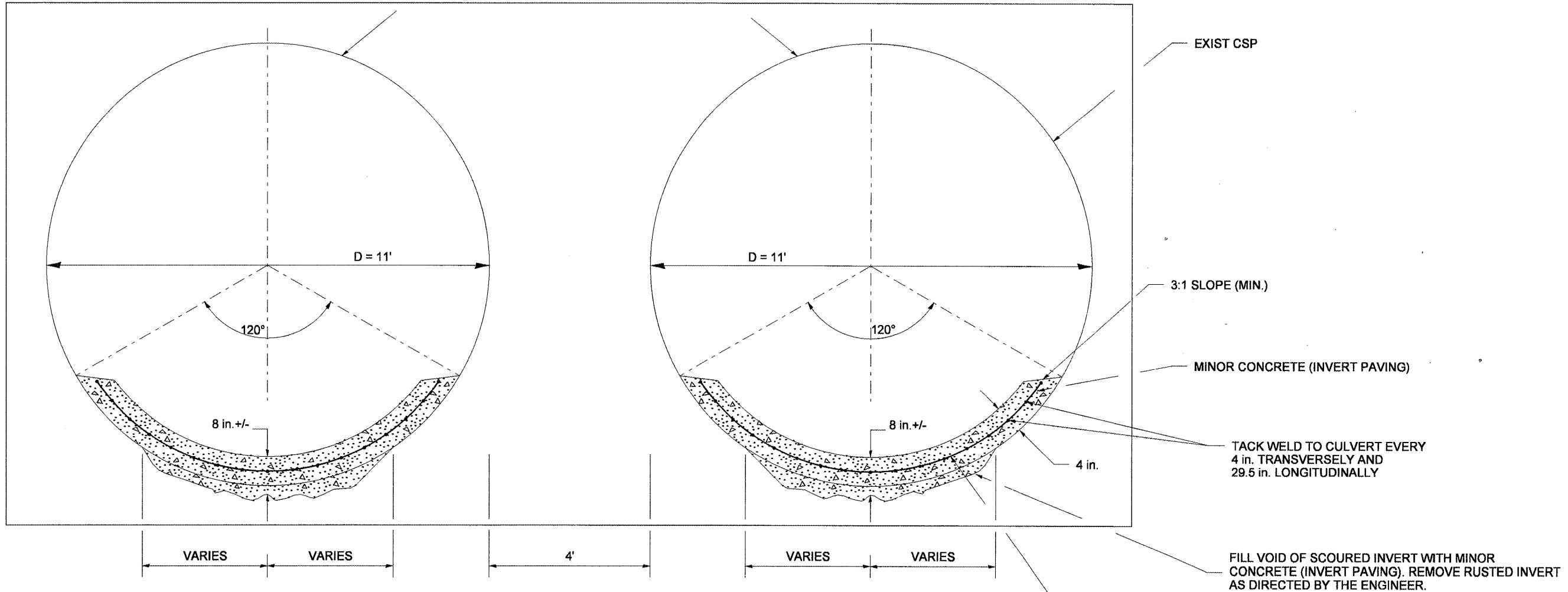


Expives 11/30/2009

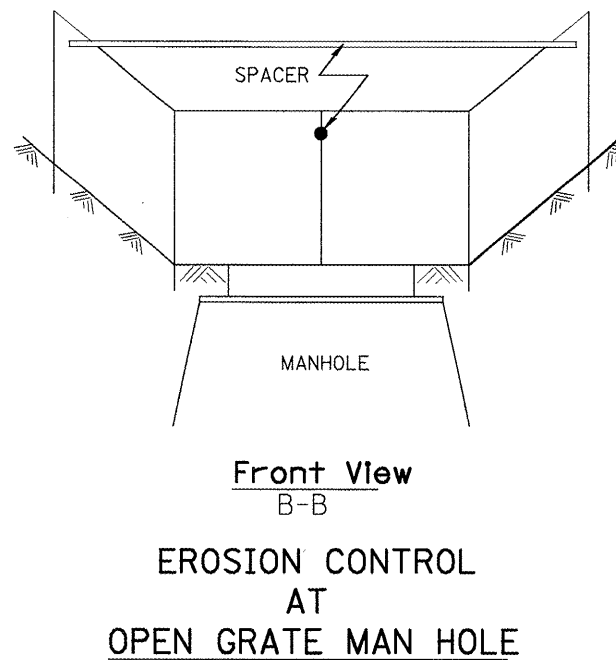
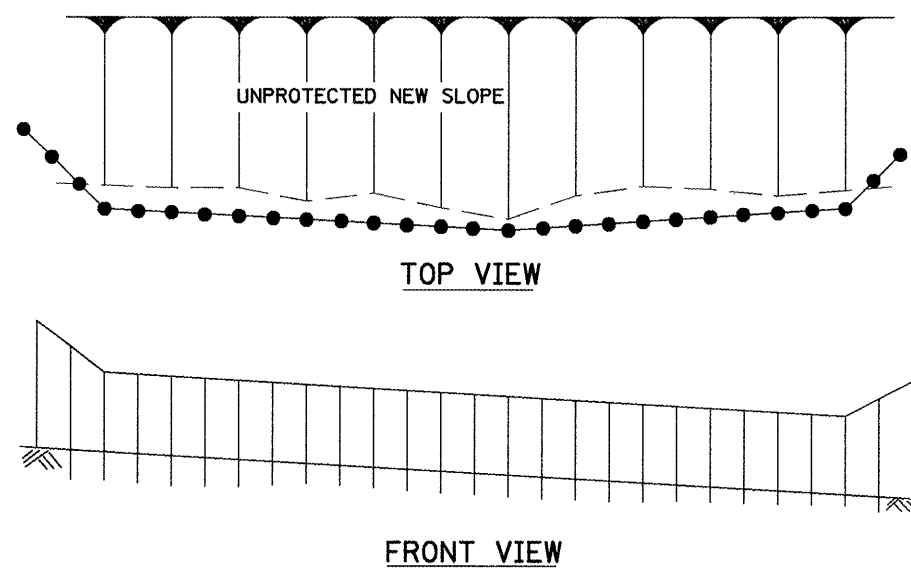
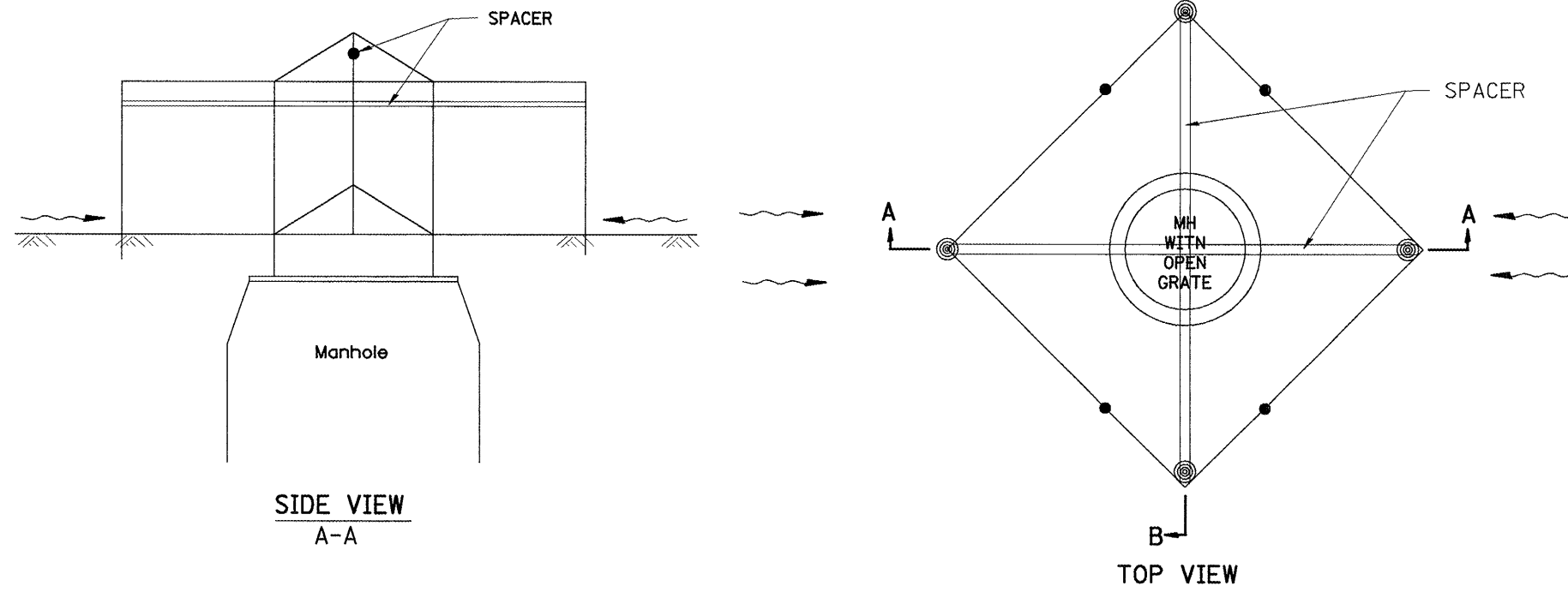
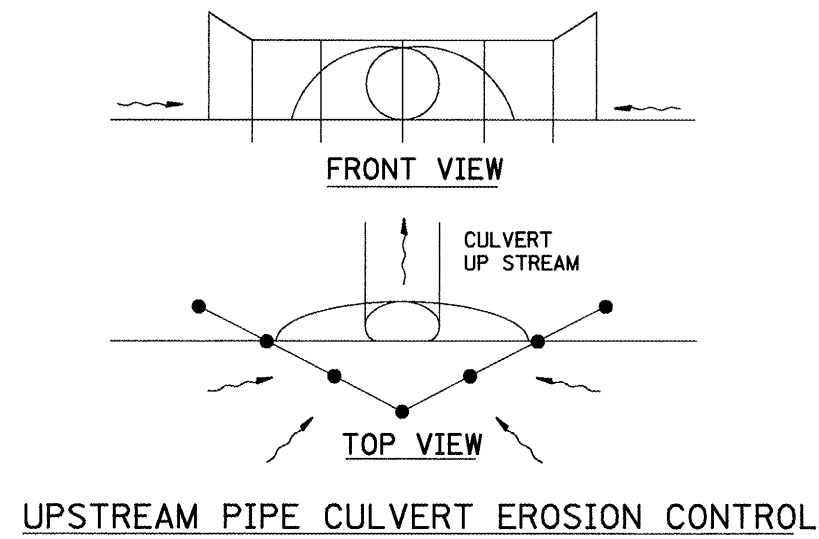
FILE NAME = Plan Sheets.dgn	USER NAME = toraja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT LINING DETAIL			F.A.I. RTE. 74	SECTION 72[5RS-2,5B-1]6RS-1J	COUNTY PEORIA	TOTAL SHEETS 59	SHEET NO. 43
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 68391			
	PLOT DATE = 2/13/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

CULVERT LINING				
LOCATION	CONCRETE STRUCTURES	PAVEMENT FABRIC	DEWATERING	CLEANING CULVERTS
	CU YD	SQ YD	L SUM	L SUM
S.N. 072-2000				
STA. 223+44	110	889	1	1
TOTAL	110	889	1	1

STA. 223+44
S.N. 072-2000
TWIN 132" CORRUGATED METAL
PLATE PIPE CULVERT



Welded Wire Fabric
6 x 6 - W 4.0 X W 4.0
Wt. 58 lbs/100 sq. ft.
Paid for as Pavement Fabric.



GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

1-1-97		T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.A.

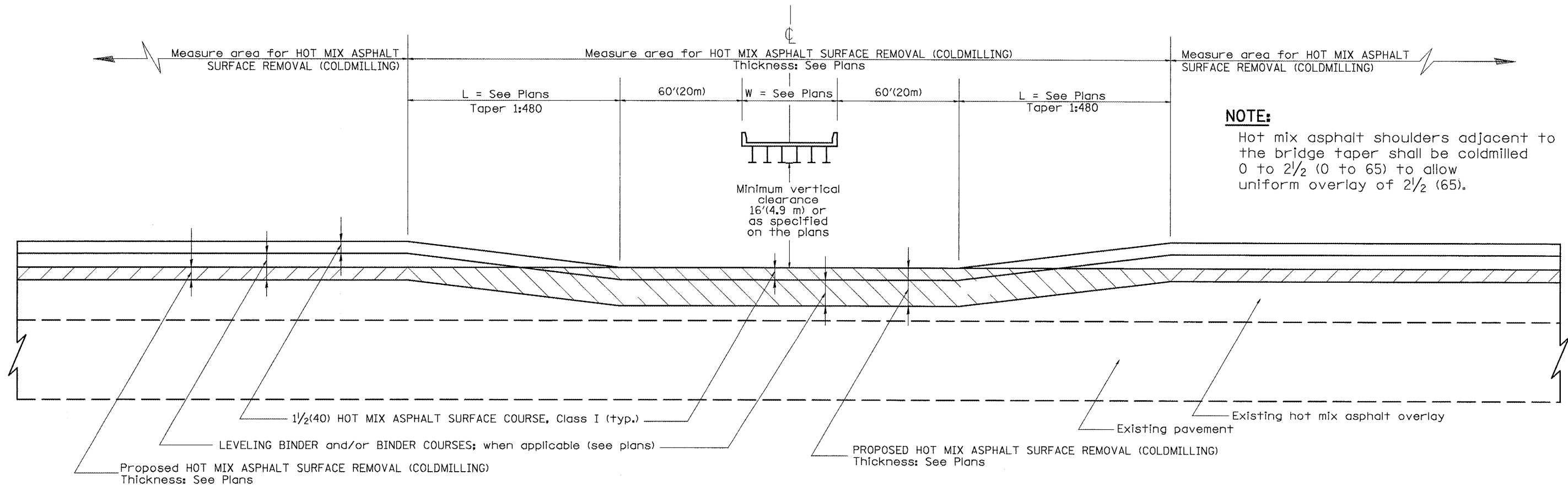
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATION OF SILT FILTER FENCE

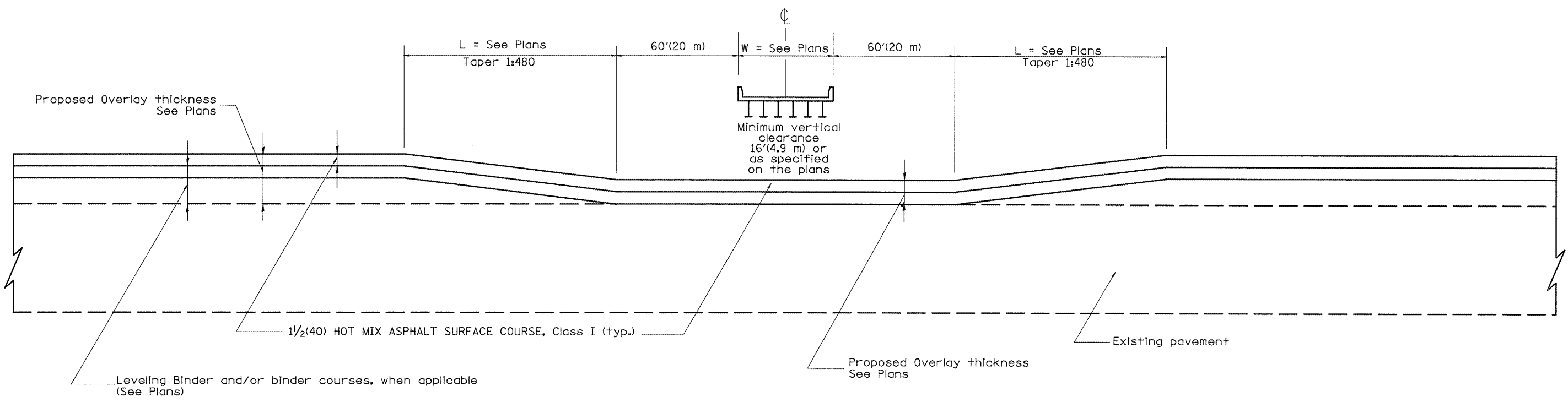
NOT TO SCALE

CADD STD. 280001-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-16RS-1]	PEORIA	59	45
CONTRACT NO. 68391				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



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

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

01-01-97	RENUM. C-23.03, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

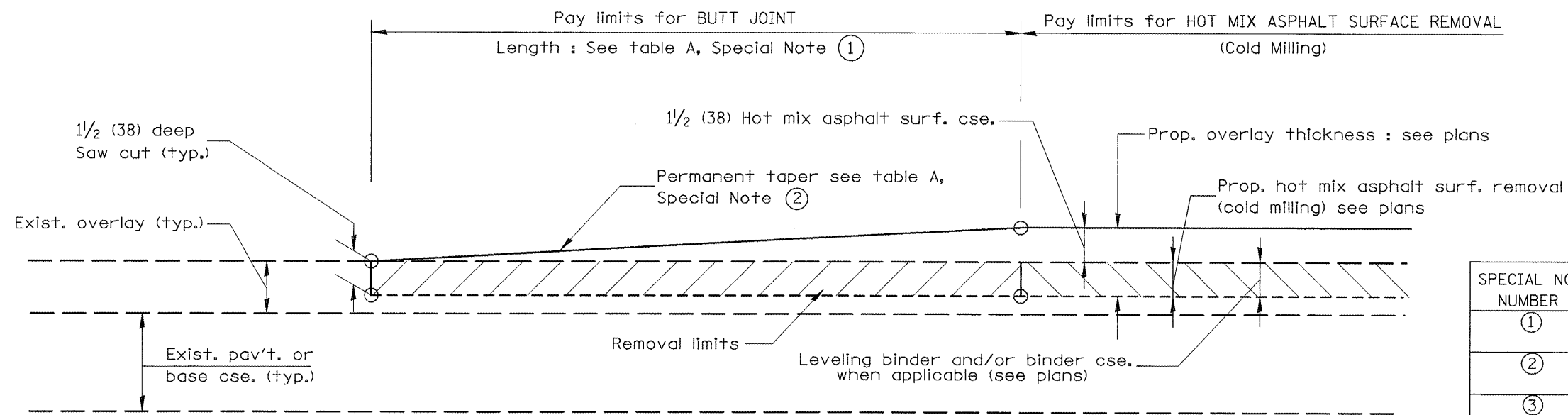
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT OVERLAY UNDER STRUCTURES
SPECIAL TREATMENT

NOT TO SCALE

CADD STD. 406001-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(C)RS-2,5B-1(6)RS-11	PEORIA	59	46
CONTRACT NO. 68391			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	



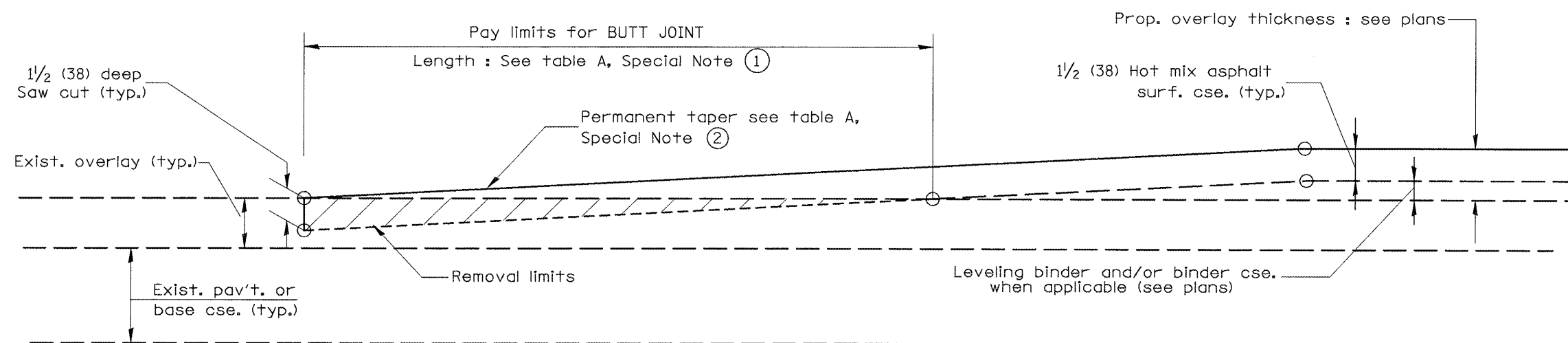
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



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

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

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

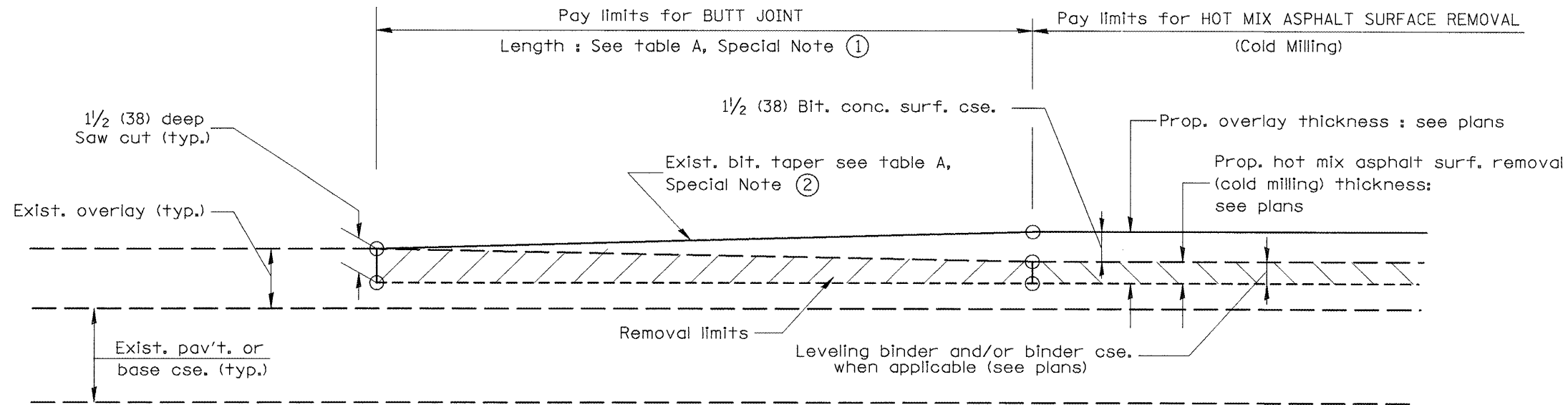
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

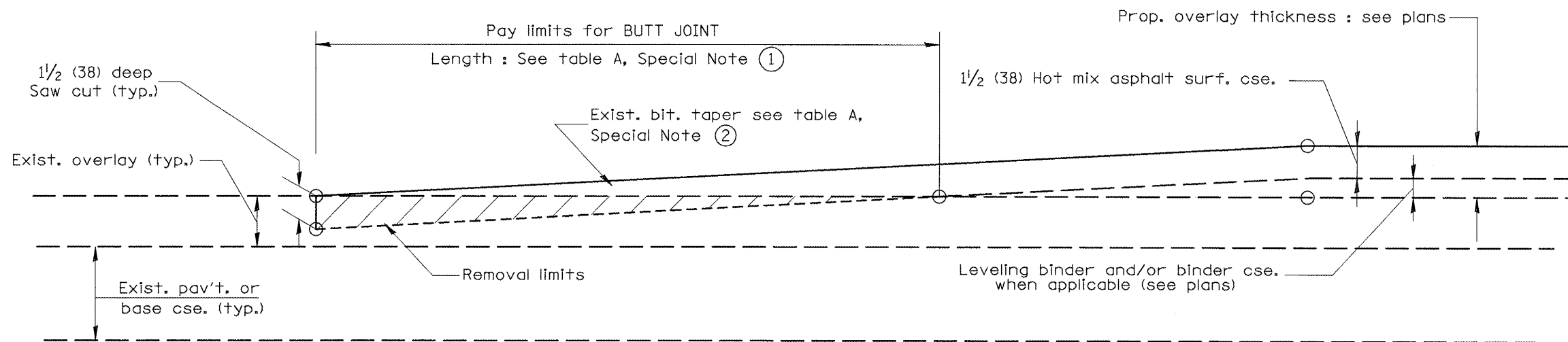
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

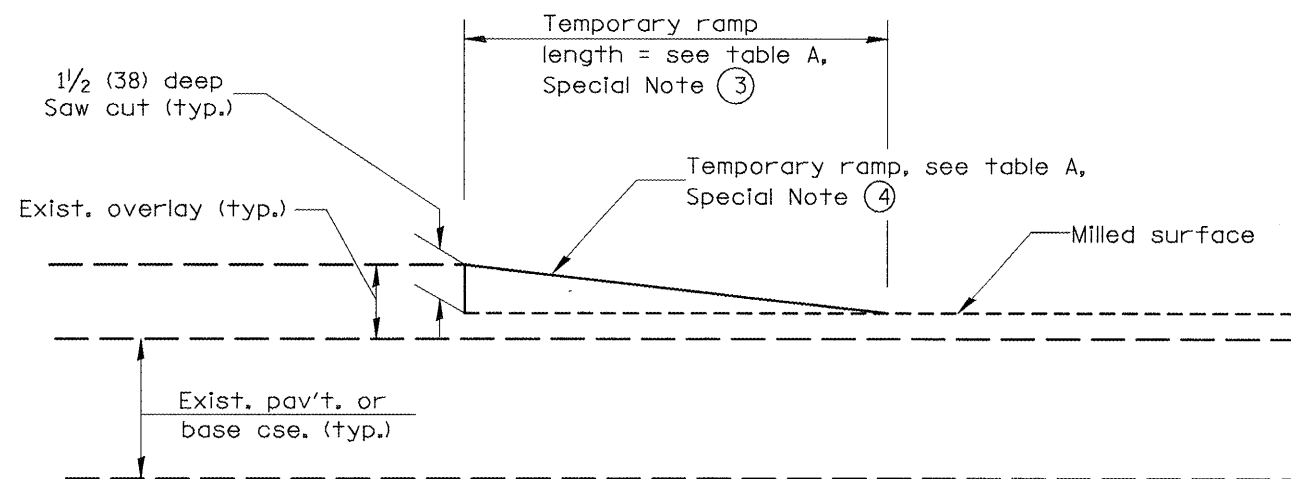
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72I5RS-2,5B-I;6RS-11	PEORIA	59	47
CONTRACT NO. 68391				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



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



DETAIL TEMPORARY RAMP

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

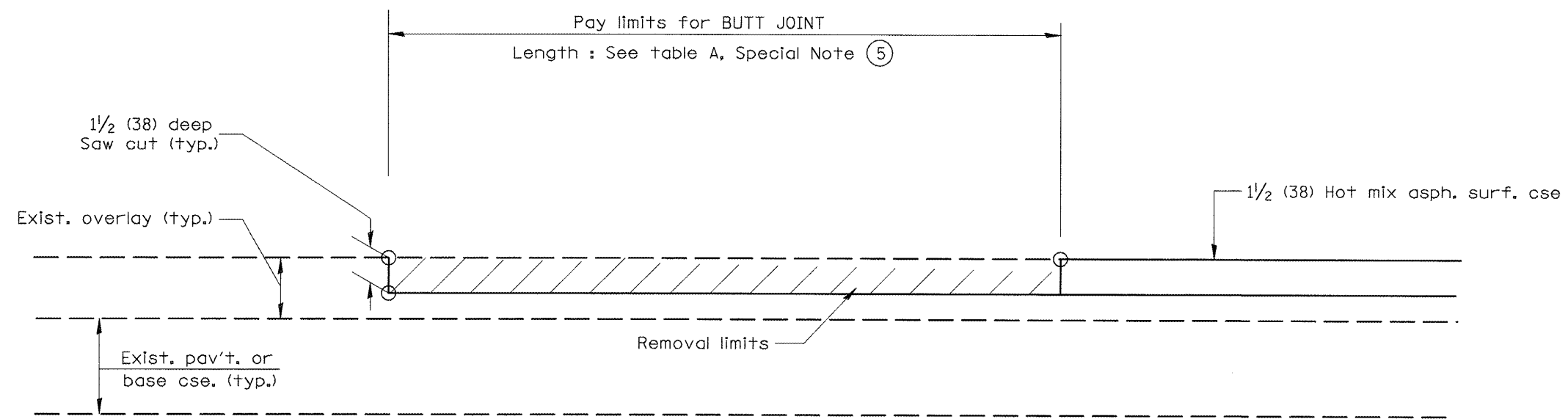
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
CADD STD. 406101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72L5RS-2,5B-I-6RS-1J	PEORIA	59	48
CONTRACT NO. 68391				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

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

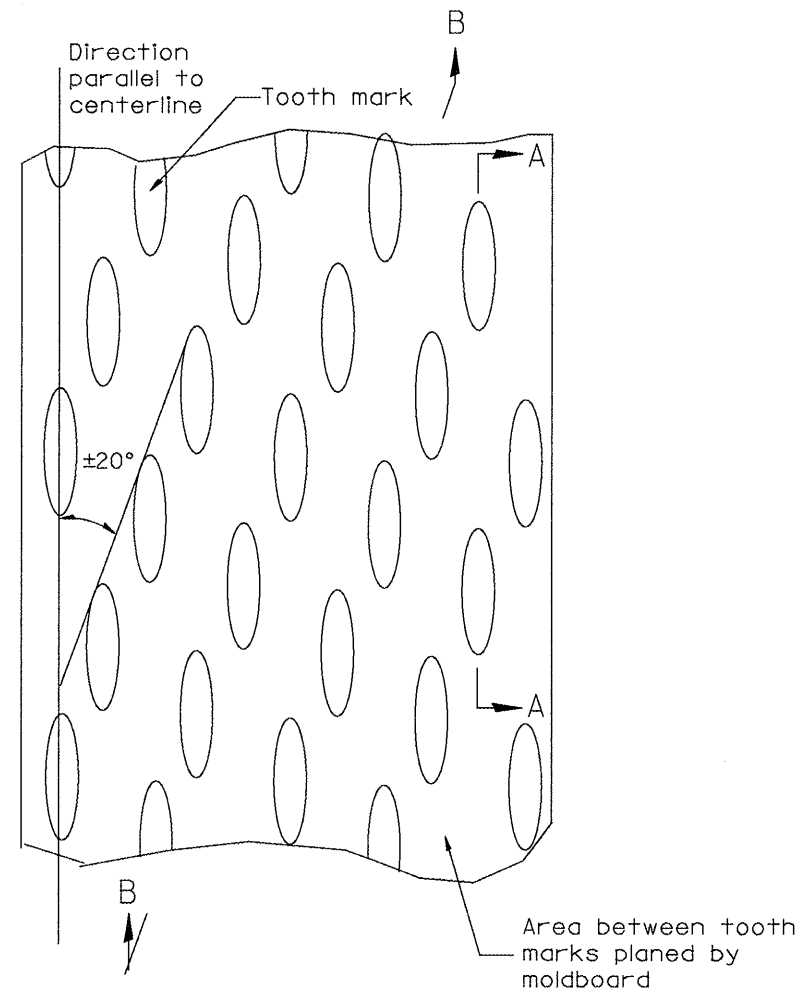
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

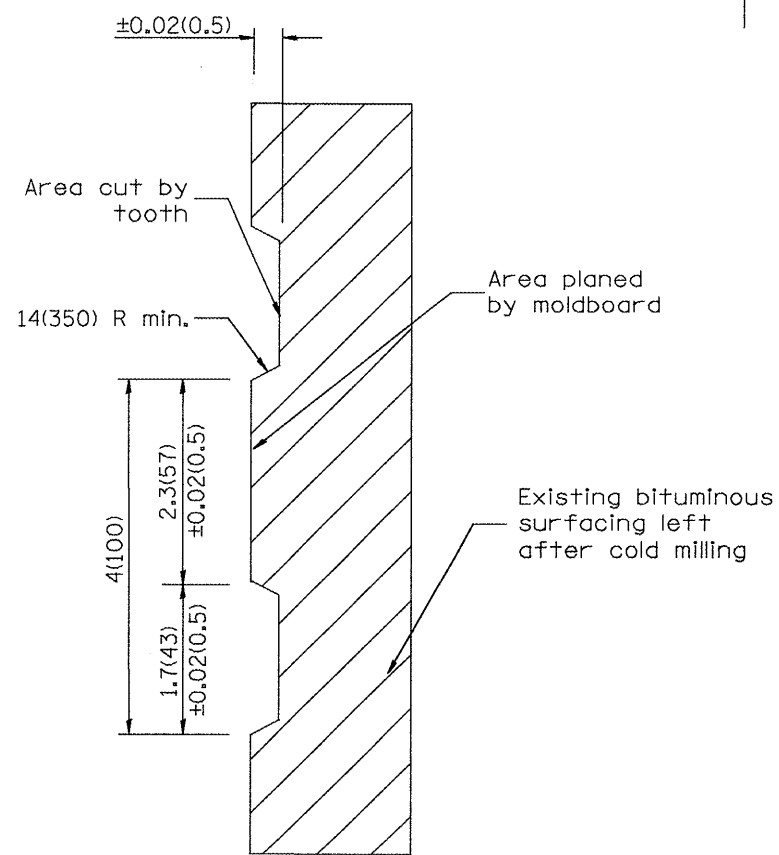
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(5)RS-2,5B-1(6)RS-1J	PEORIA	59	49
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68391	



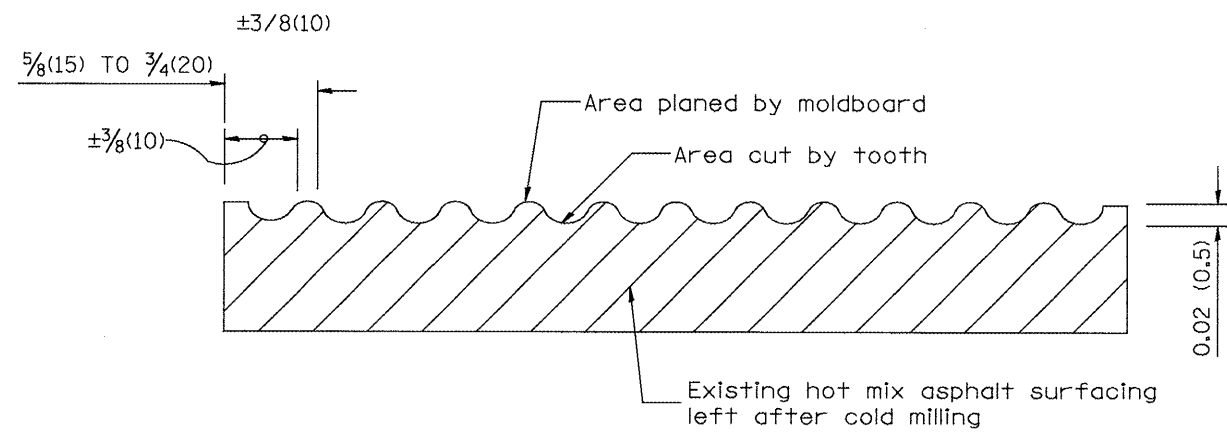
PLAN

General notes:

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



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

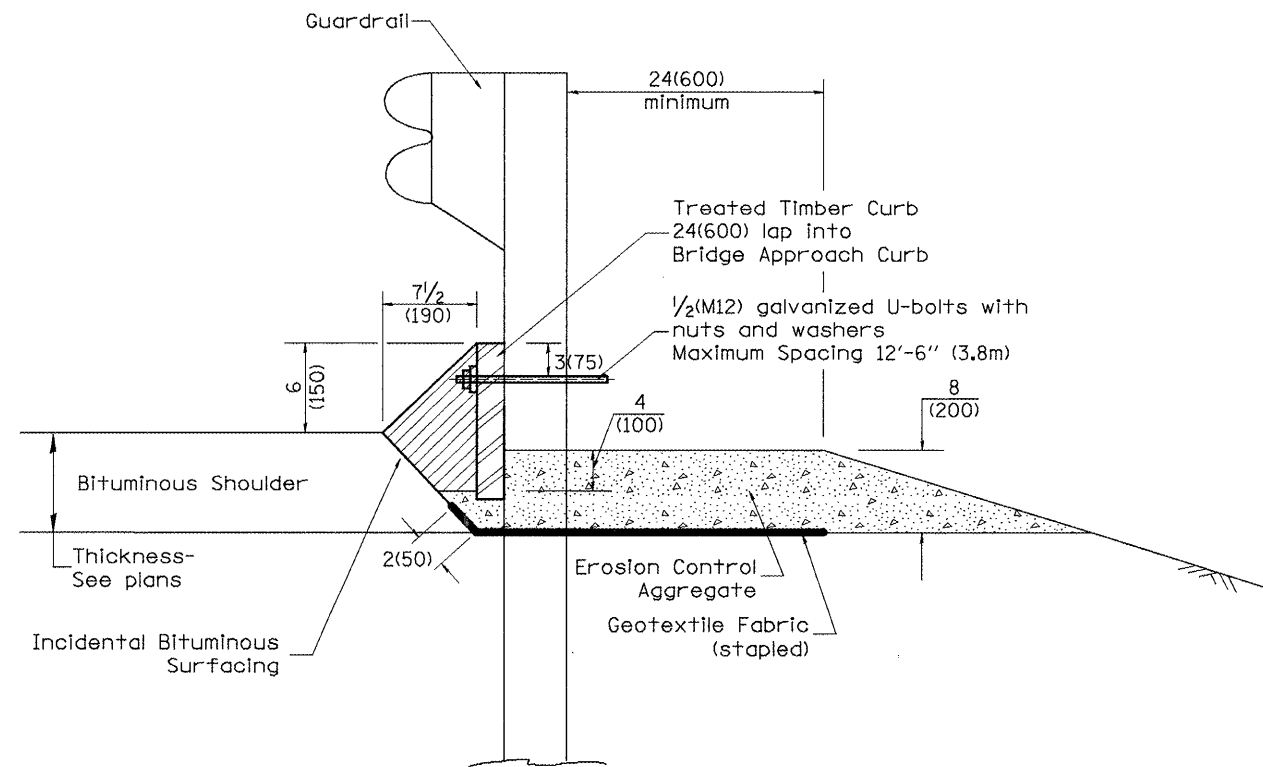
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

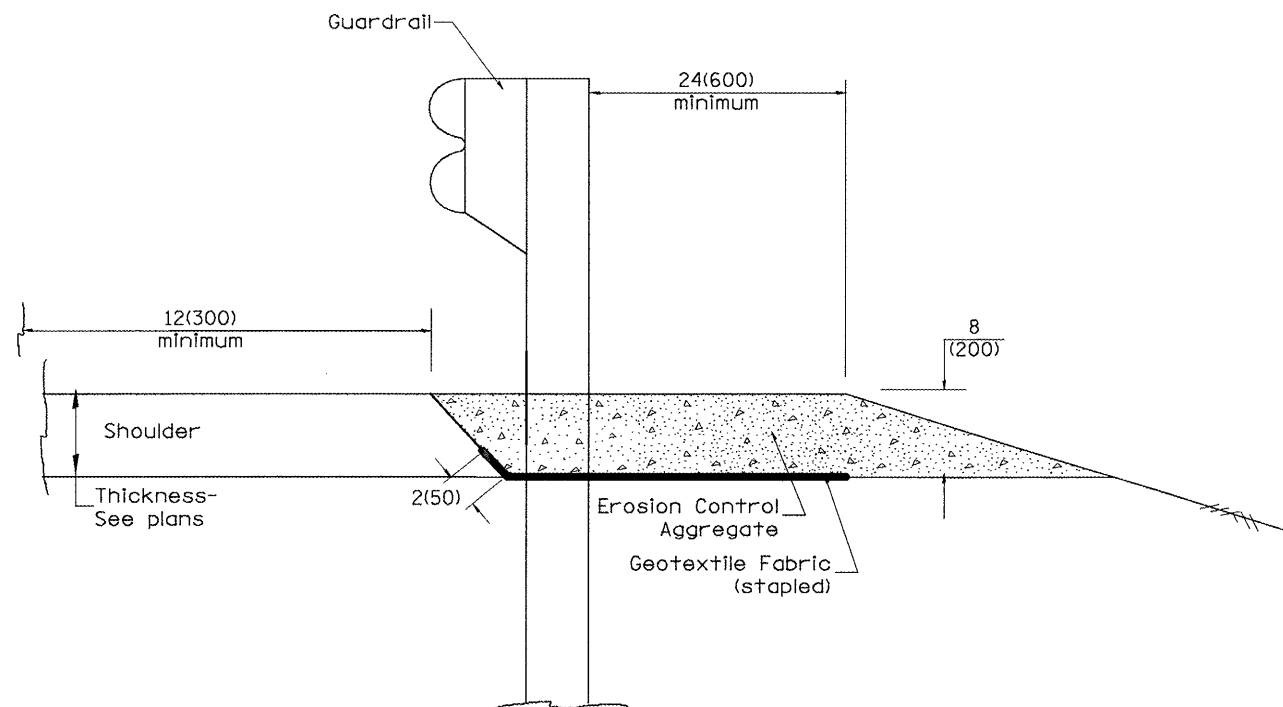
NOT TO SCALE

CADD STD. 440001-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72LSRS-2,5B-1;6RS-11	PEORIA	59	50
CONTRACT NO. 68391				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

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

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

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

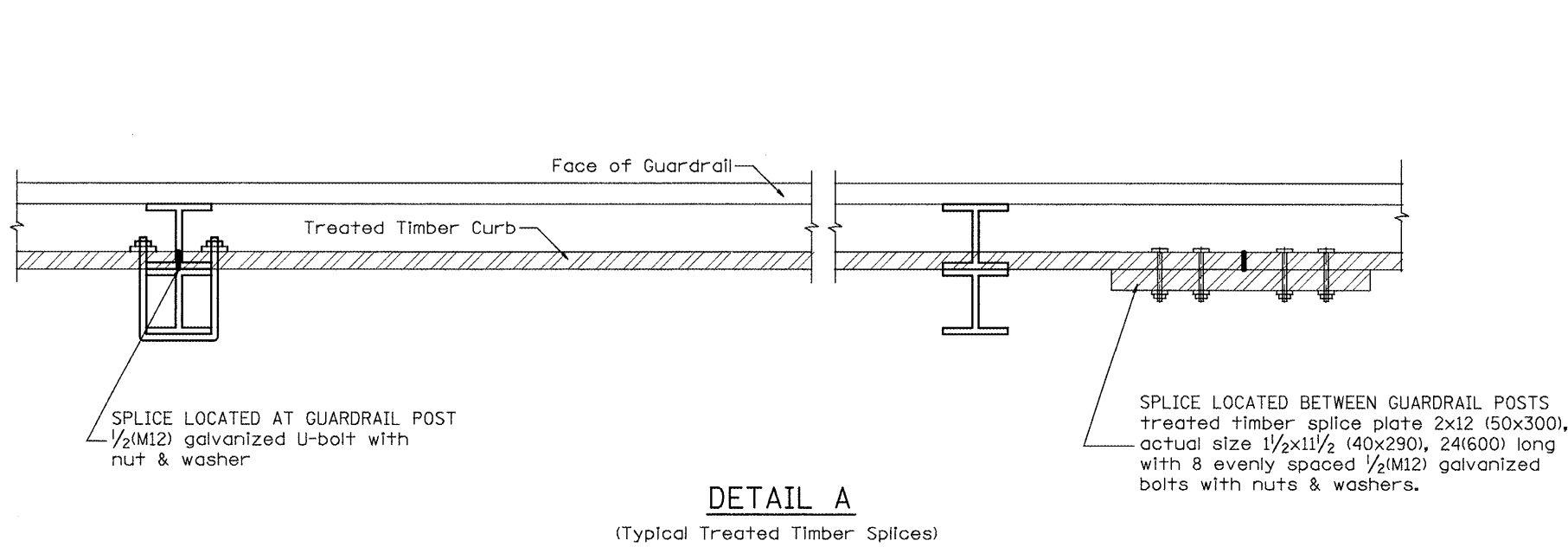
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.		
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.		
11-03-00	CORRECTION TO NOTES	M.A.		
10-16-06	REVISED TO 2007 SPEC.	M.A.		

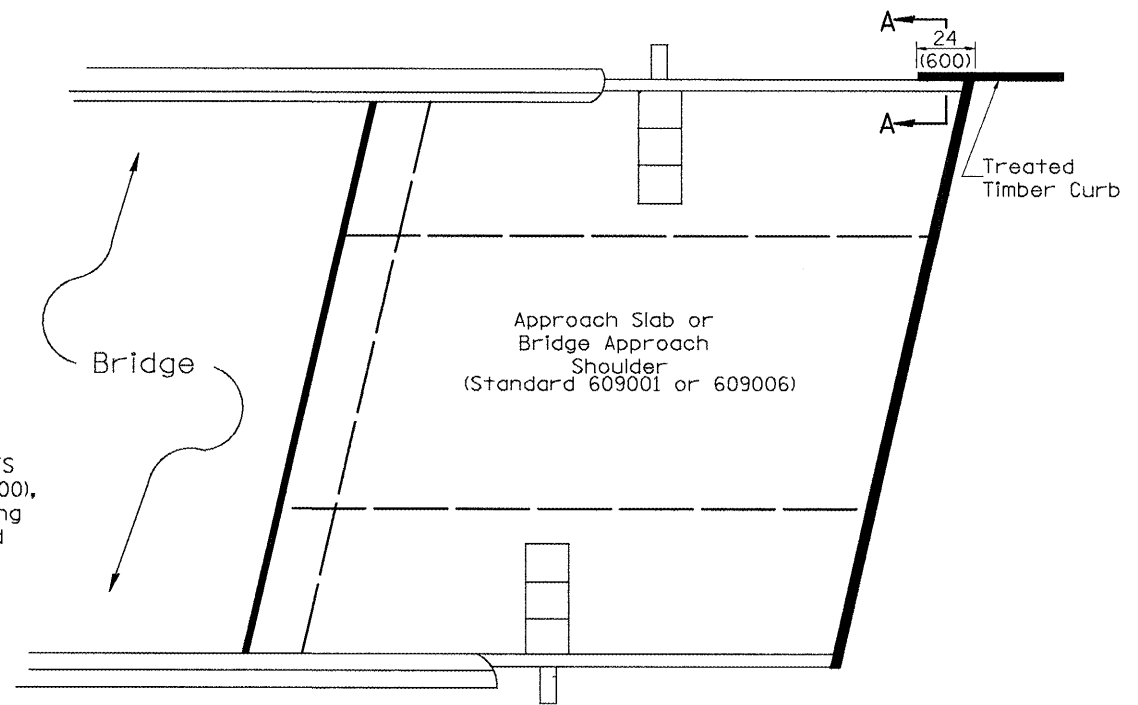
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

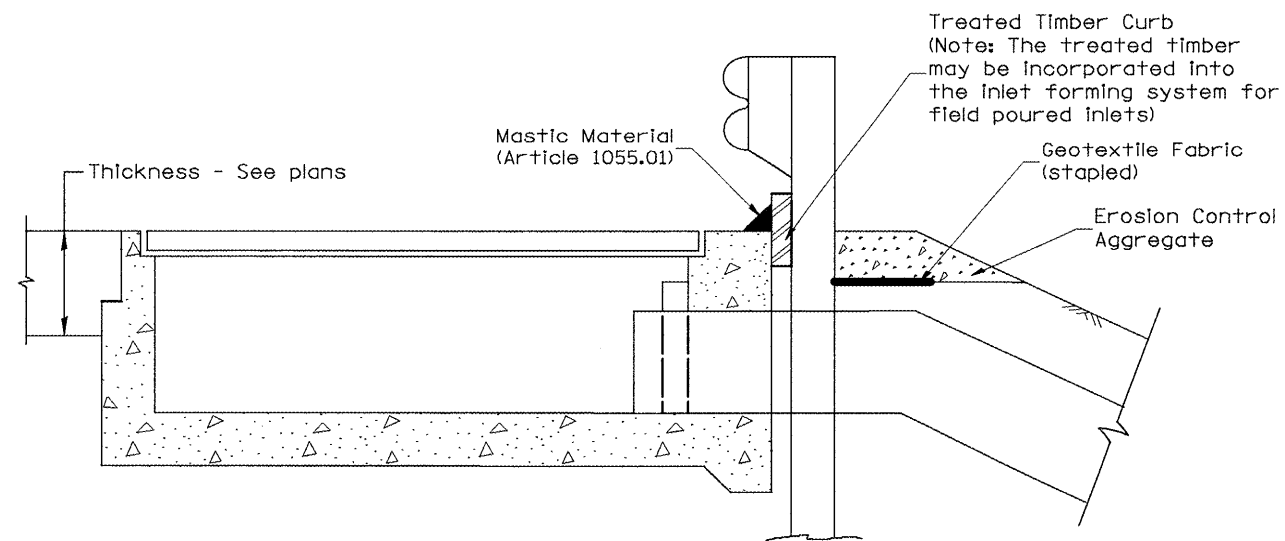
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(5RS-2,5B-I;6RS-1)	PEORIA	59	51
CONTRACT NO. 68391				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



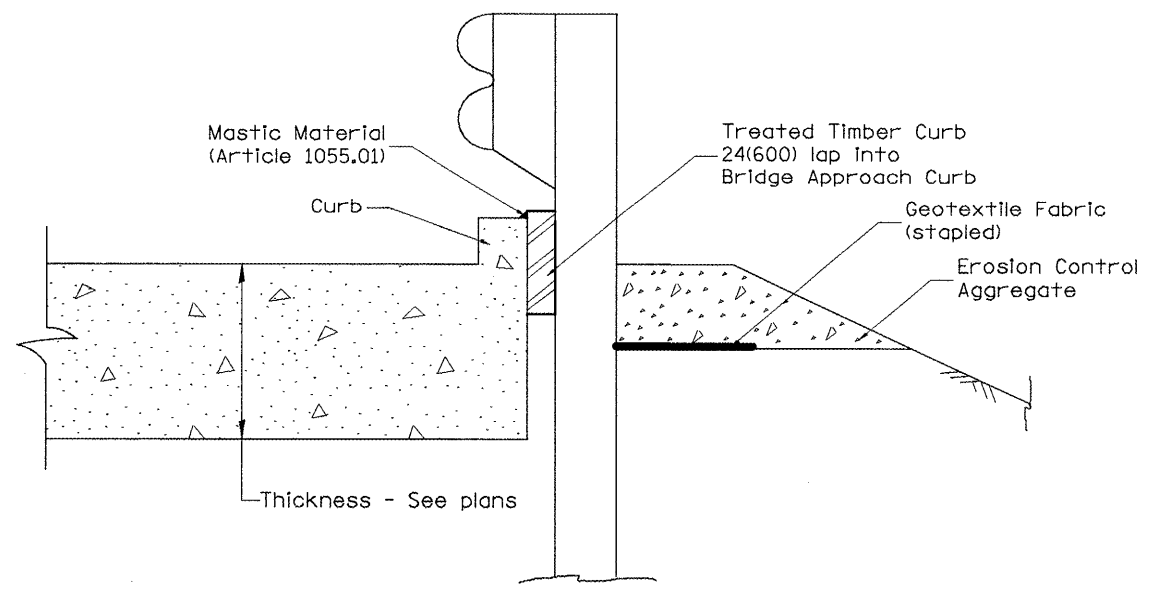
DETAIL A
(Typical Treated Timber Splices)



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)



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

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

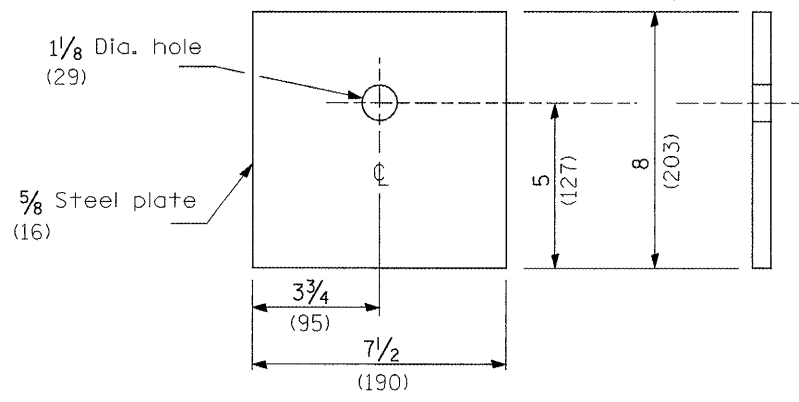
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

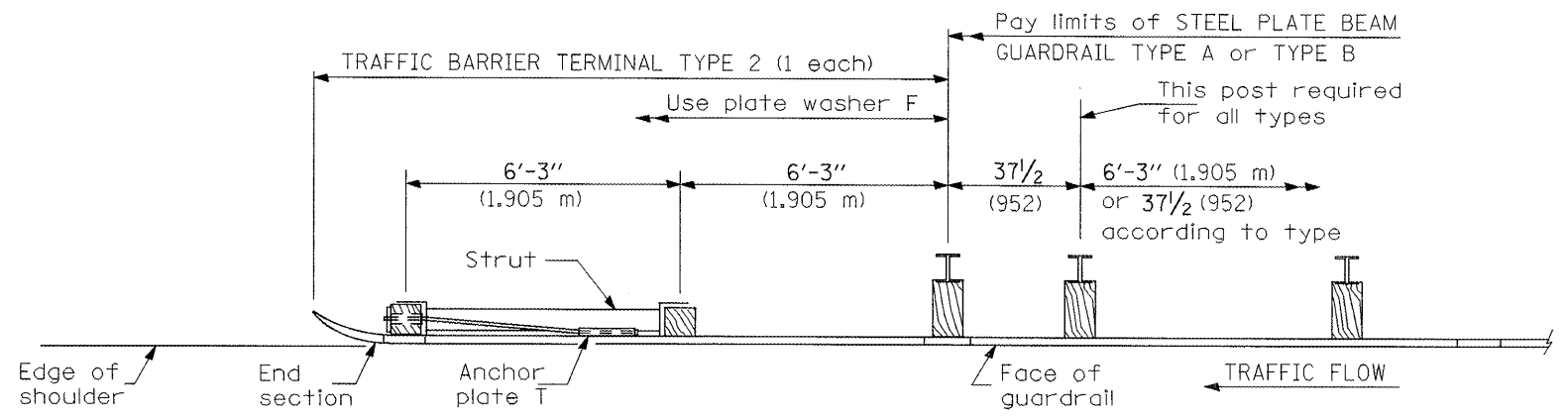
NOT TO SCALE

SHT. 2 OF 2
CADD STD. 630101-D4

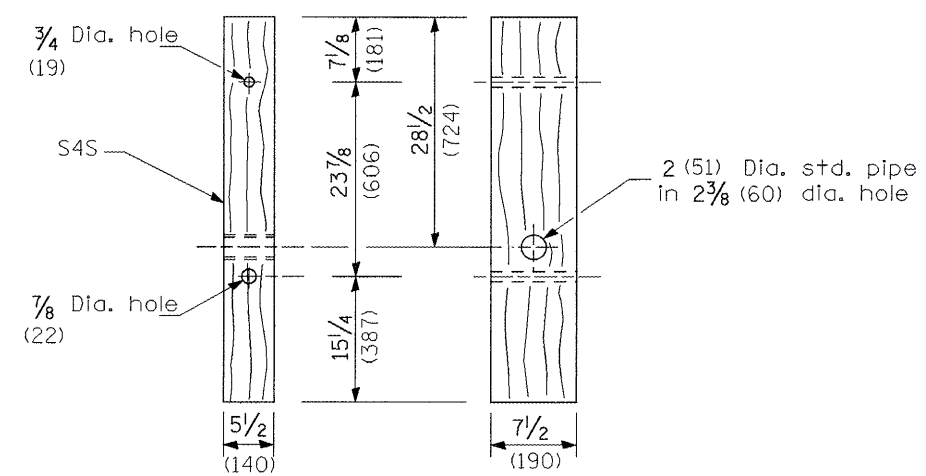
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-1;6RS-1]	PEORIA	59	52
CONTRACT NO. 68391				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



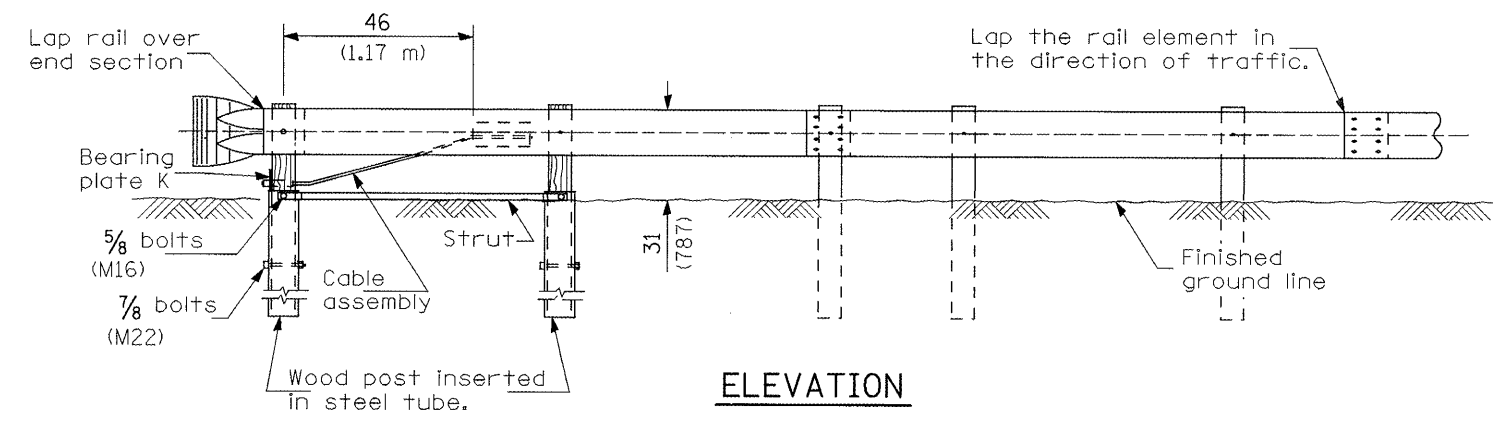
BEARING PLATE K



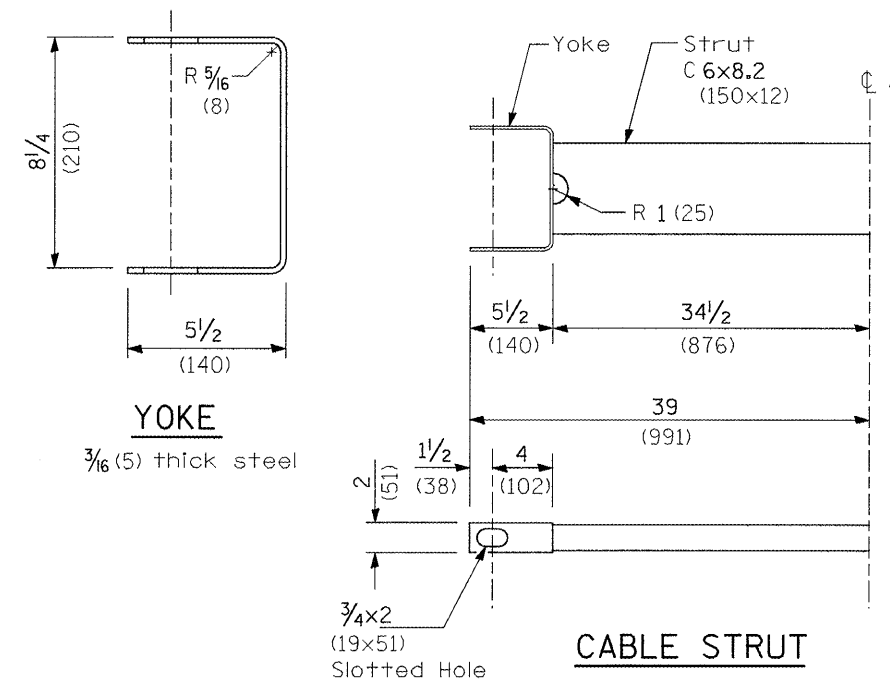
PLAN



WOOD POST

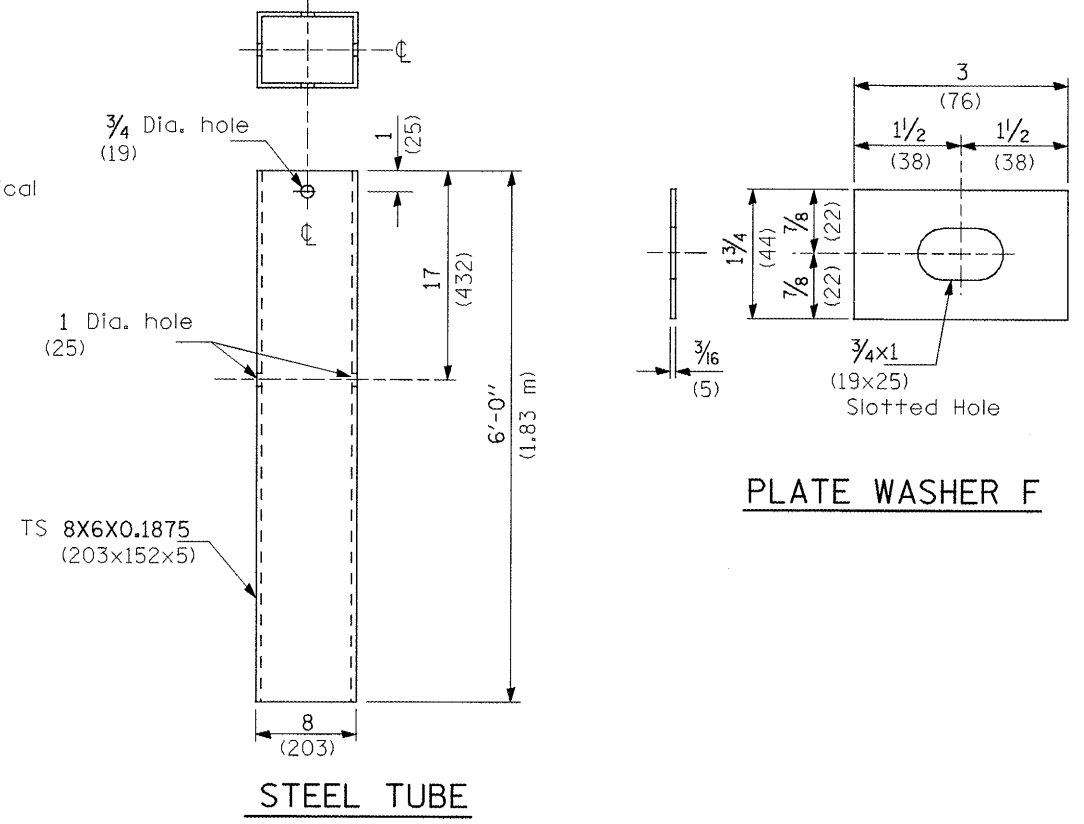


ELEVATION



YOKE

CABLE STRUT



STEEL TUBE

PLATE WASHER F

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.
The bearing plate K shall be held in position by (2) two eight penny nails driven into the post and bent over the top of the plate.

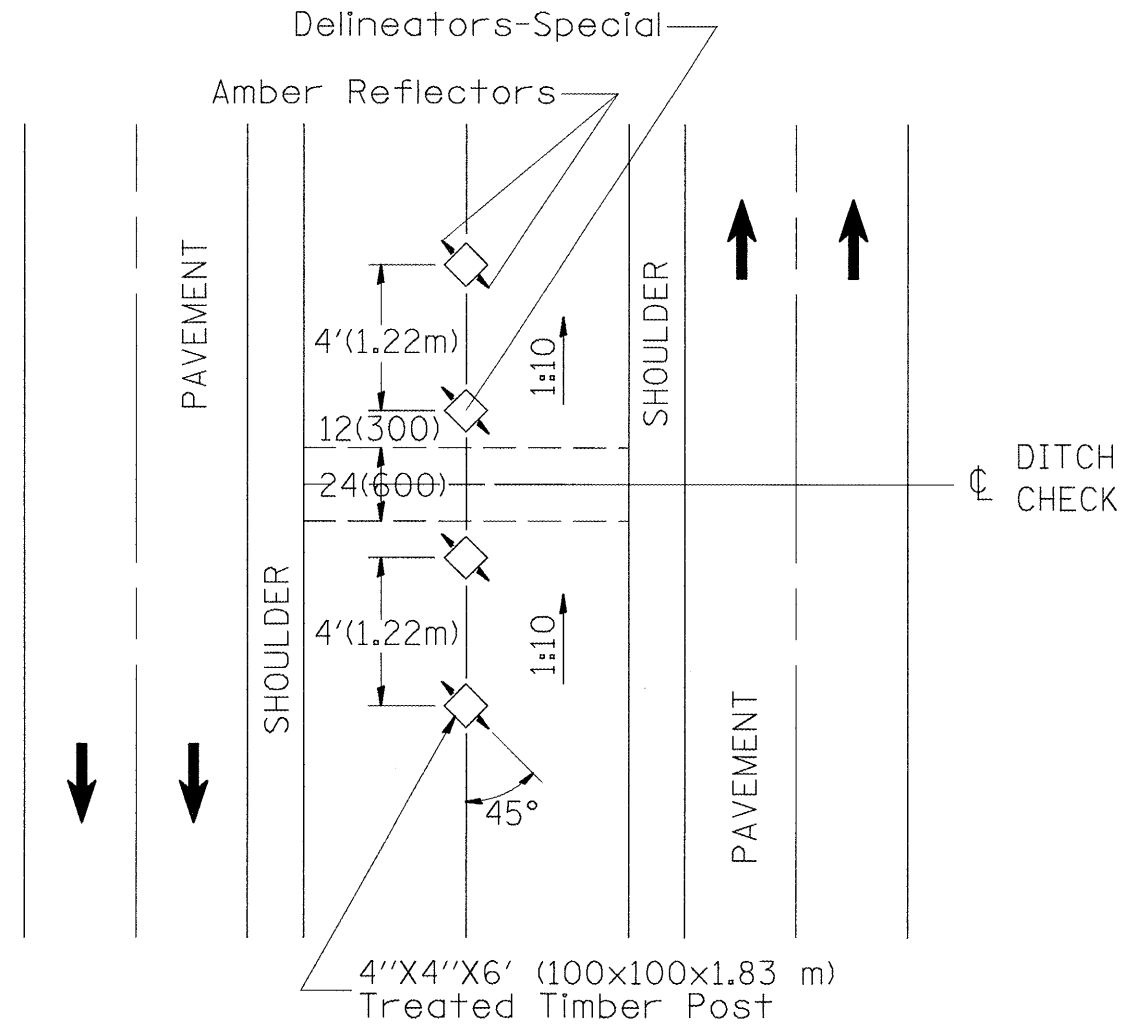
03-01-07	NEW DETAIL	RJD			
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC BARRIER TERMINAL, TYPE 2
NOT TO SCALE
CADD STD. 631011-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72(C)RS-2,5B-1(6)RS-1J	PEORIA	59	53
CONTRACT NO. 68391				

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



NOTES:

1. DELINEATORS, SPECIAL shall be constructed of 4" x 4" x 6' (100 x 100 x 1.83 m) treated timber.
2. Each post shall be buried a minimum of 36(900) deep.
3. Timber shall be treated in accordance with Article 1007.12 of the Standard Specifications. Waterborne Preservatives, ASA and CCA, shall have A 0.40 lbs/ft³(6.4 kg/m³) minimum retention.
4. Amber Reflectors shall meet the requirements of Article 1097.03 of the Standard Specifications.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

01-01-97	RENUM. E-10.01, METRICS, NEW REVISION BOX, ADDED	T.P.																		
	DESIGNER NOTE, REVISED GENERAL NOTES, REVISED																			
	TITLE BOX																			
10-16-06	REVISED TO 2007 SPEC.	M.A.																		

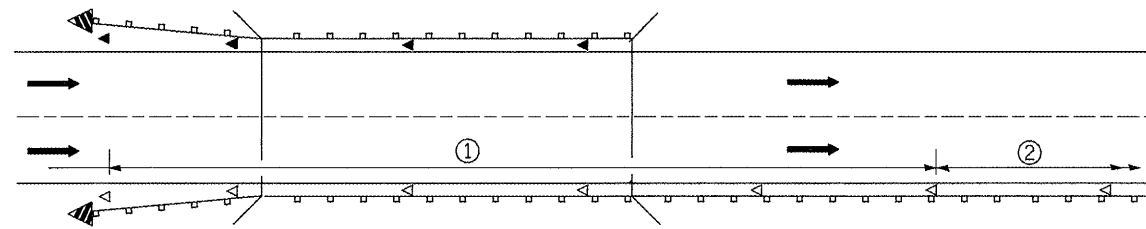
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DELINEATORS-SPECIAL

NOT TO SCALE

CADD STD. 635001-D4

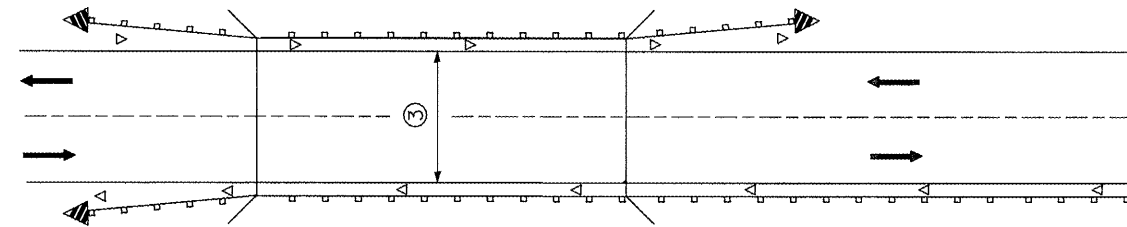
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-I6RS-1]	PEORIA	59	54
CONTRACT NO. 68391				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



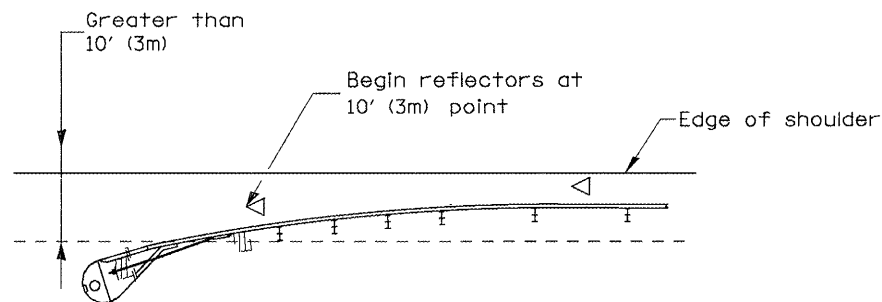
③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

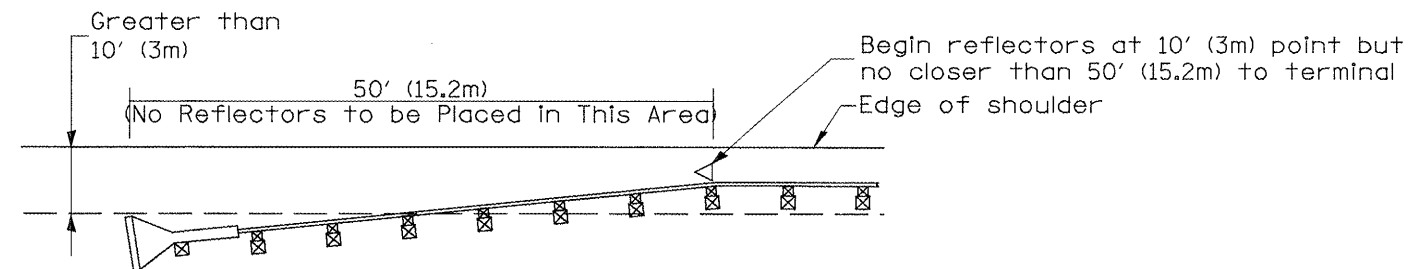
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

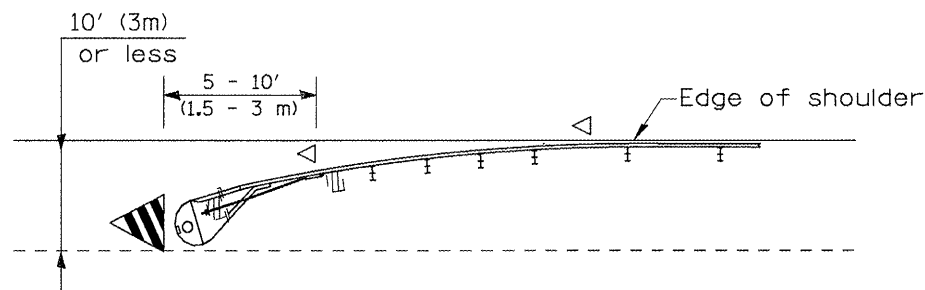
Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) from edge of shoulder]
*See Plans for Type



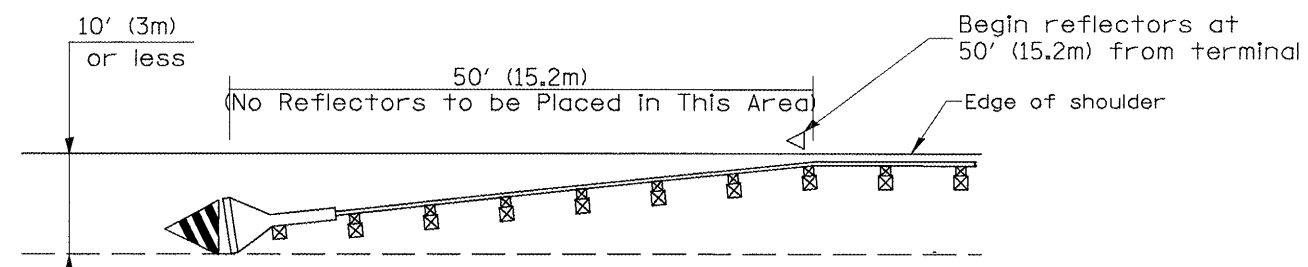
NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 10' (3m) from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) or less from edge of shoulder]
*See Plans for Type



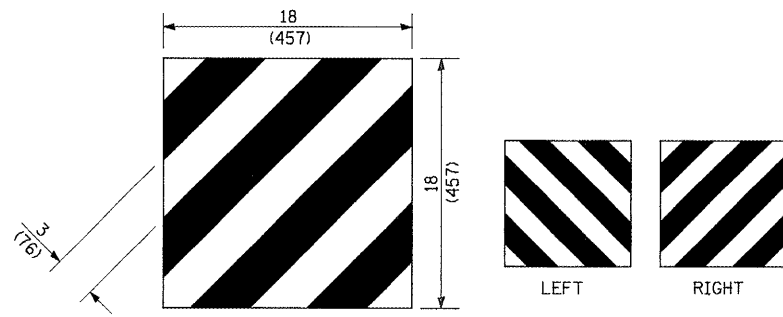
Traffic Barrier Terminal Type 1(Special)

[Terminal 10' (3m) or less from edge of shoulder]

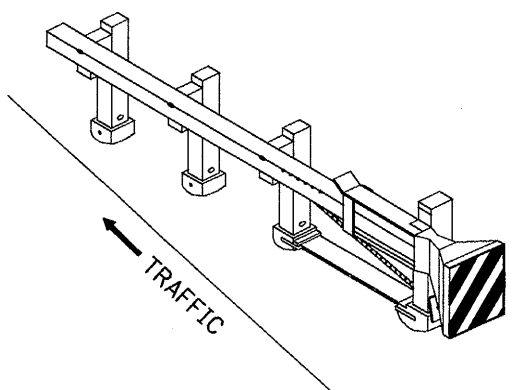
TERMINAL MARKER PLACEMENT

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

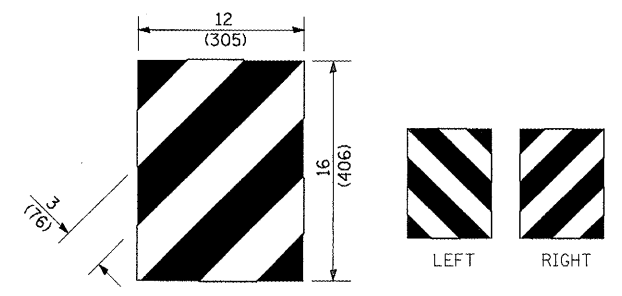
01-01-97	RENUM. E-10.02, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL AND BARRIER WALL DELINEATION	SHT. 1 OF 3 CADD STD. 635101-D4	CONTRACT NO. 68391
03-01-97	CORRECT STD. SPEC. *	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							



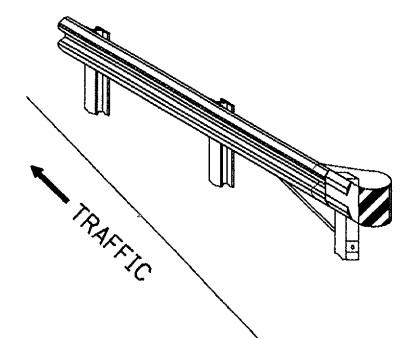
For Traffic Barrier Terminal Type 1 (Special)



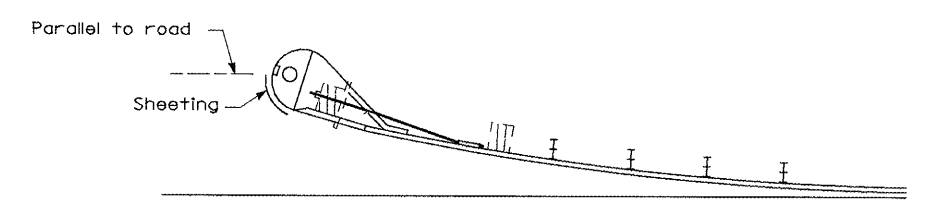
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
* See Plans for Type



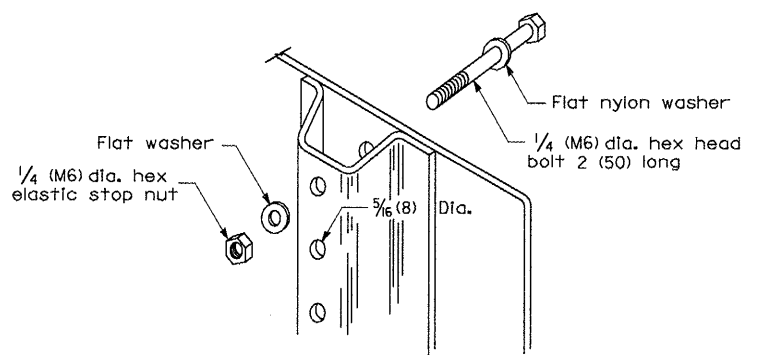
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
* See Plans for Type



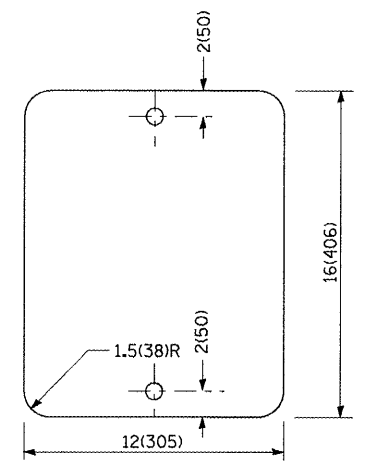
Sheeting Position for
Traffic Barrier Terminal Type (*)
* See Plans for Type

TERMINAL MARKER DETAILS

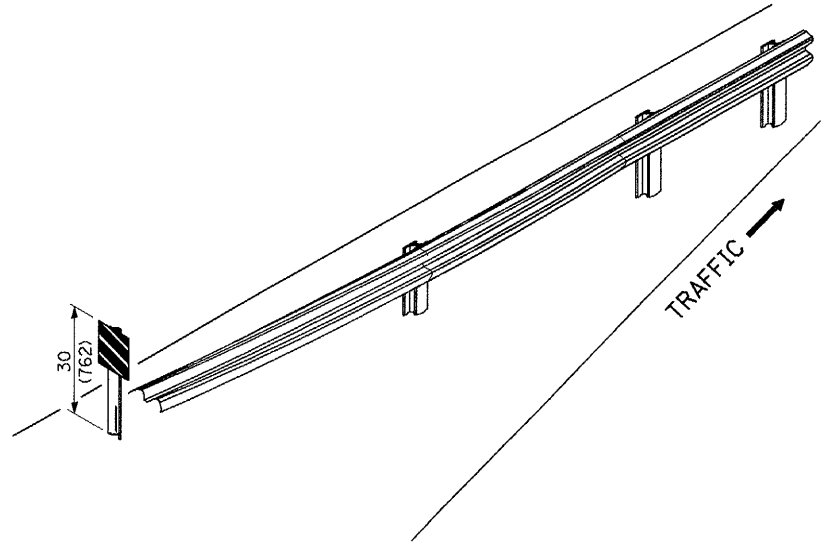
- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

GENERAL NOTES

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

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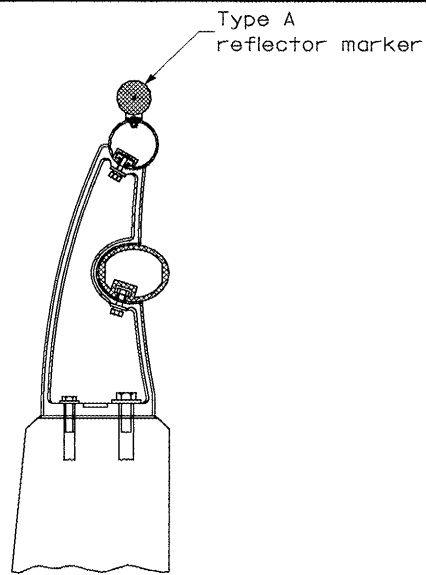
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

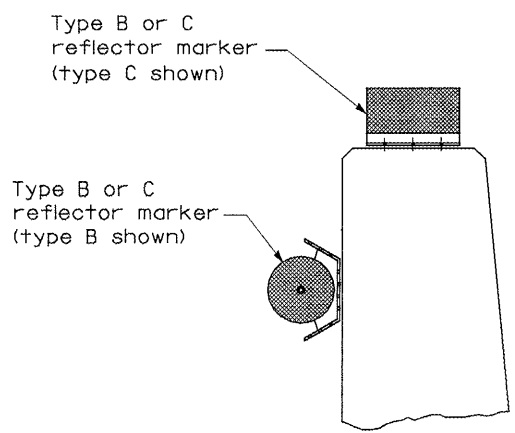
NOT TO SCALE

SHT. 2 OF 3
CADD STD. 635101-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-I-6RS-1]	PEORIA	59	56
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68391	

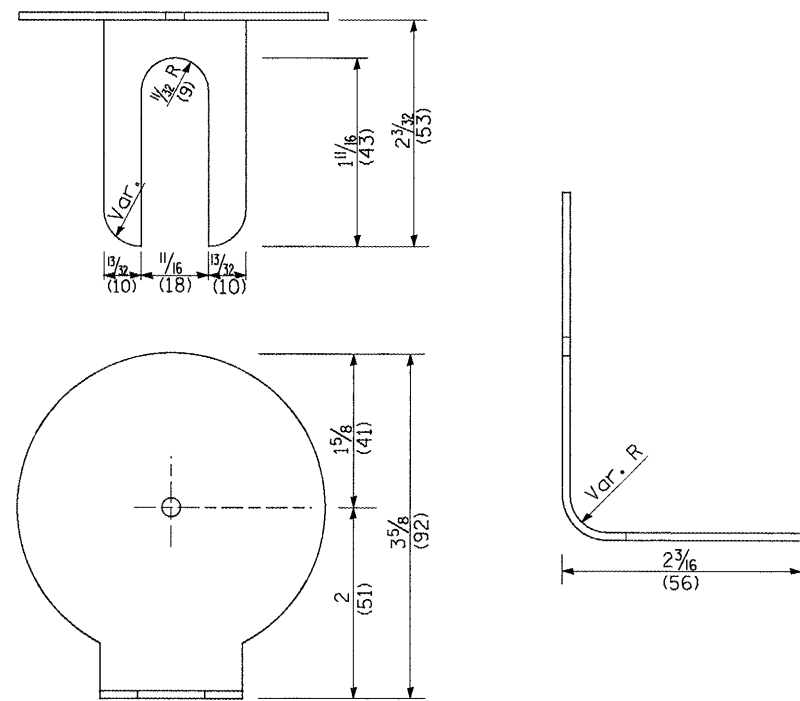


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR



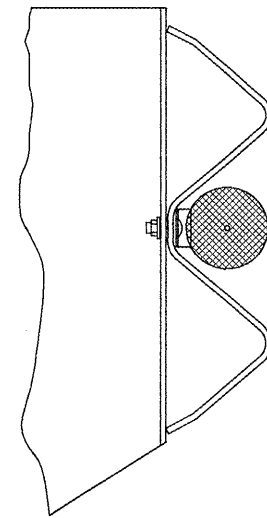
TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

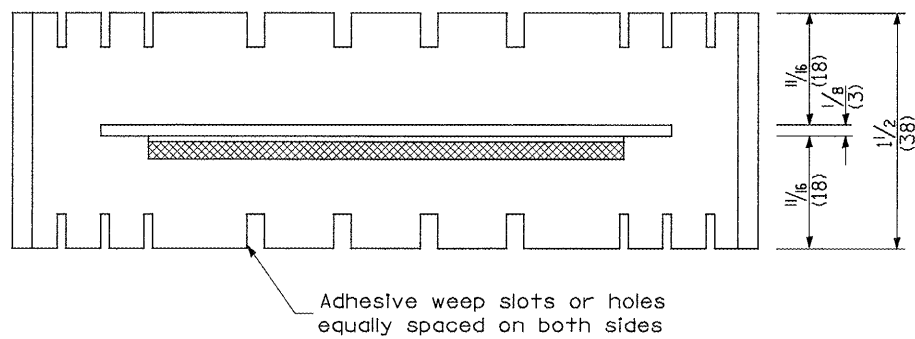


REFLECTOR MARKER TYPE A

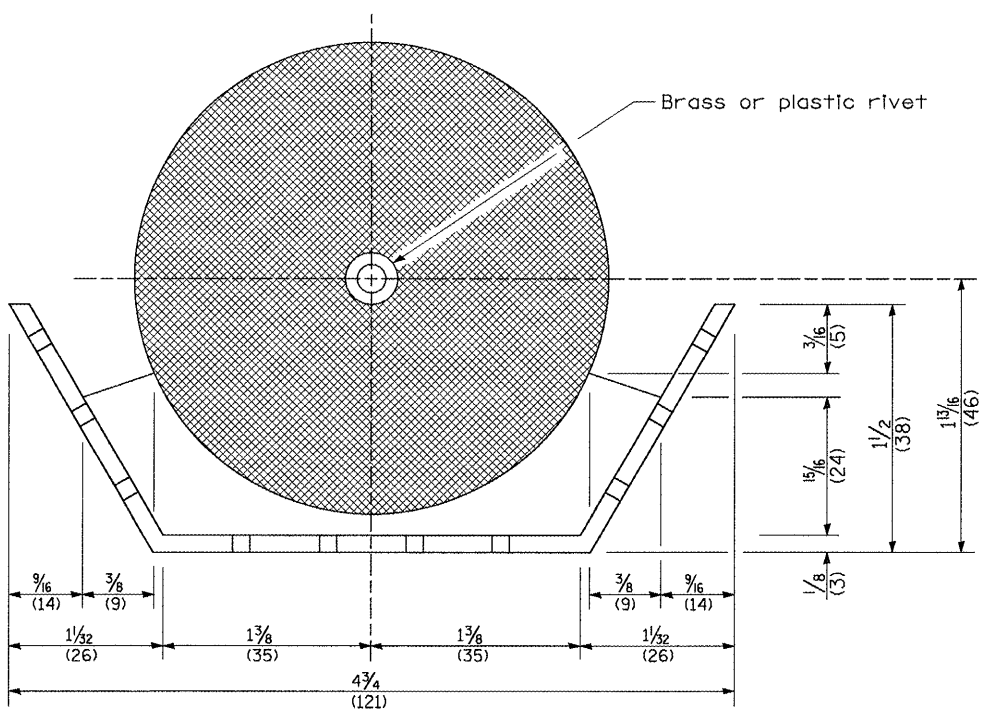
Min. reflective area 6 1/2 sq. in. (4,194 mm²) each side. May be rectangular or slight trapezoid.



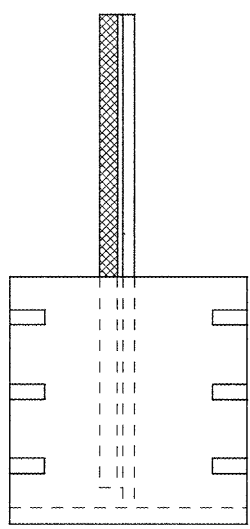
TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



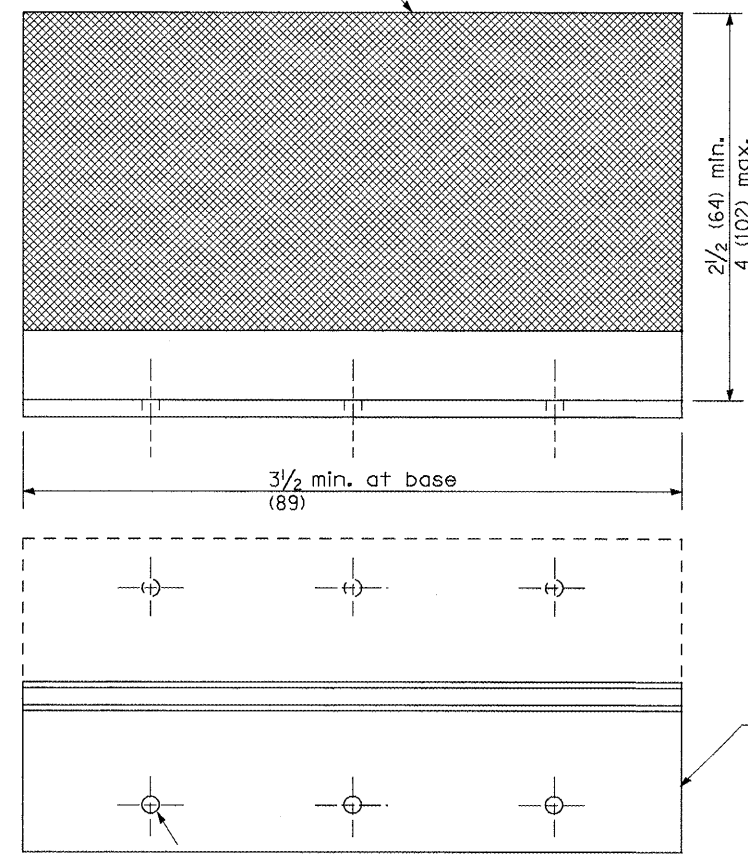
Adhesive weep slots or holes equally spaced on both sides



REFLECTOR MARKER TYPE B

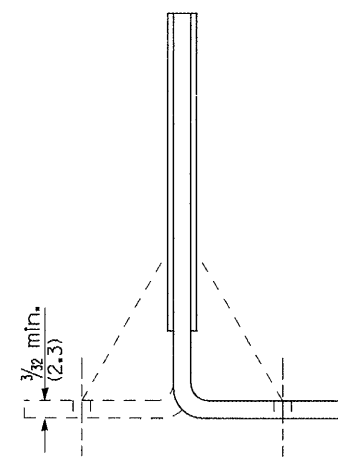


3 min. adhesive weep holes or slots each side, variable spacing.



REFLECTOR MARKER TYPE C

Minimum total area of base 7.0 Sq. in. (4,516 mm²)

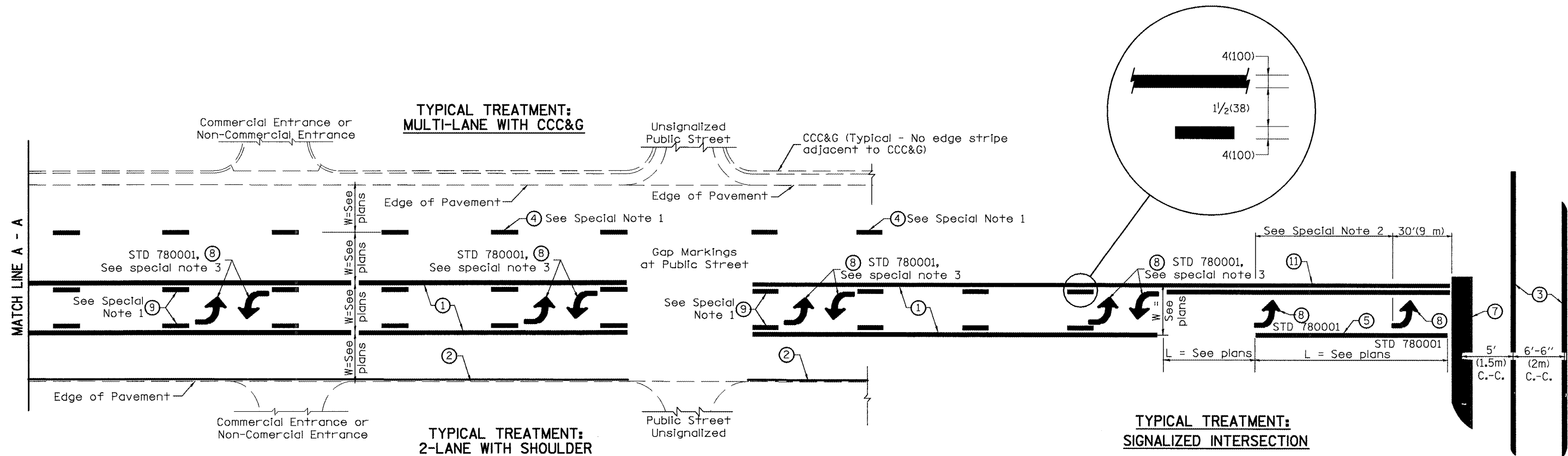


Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[5RS-2,5B-1]6RS-11	PEORIA	59	57
CONTRACT NO. 68391				
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

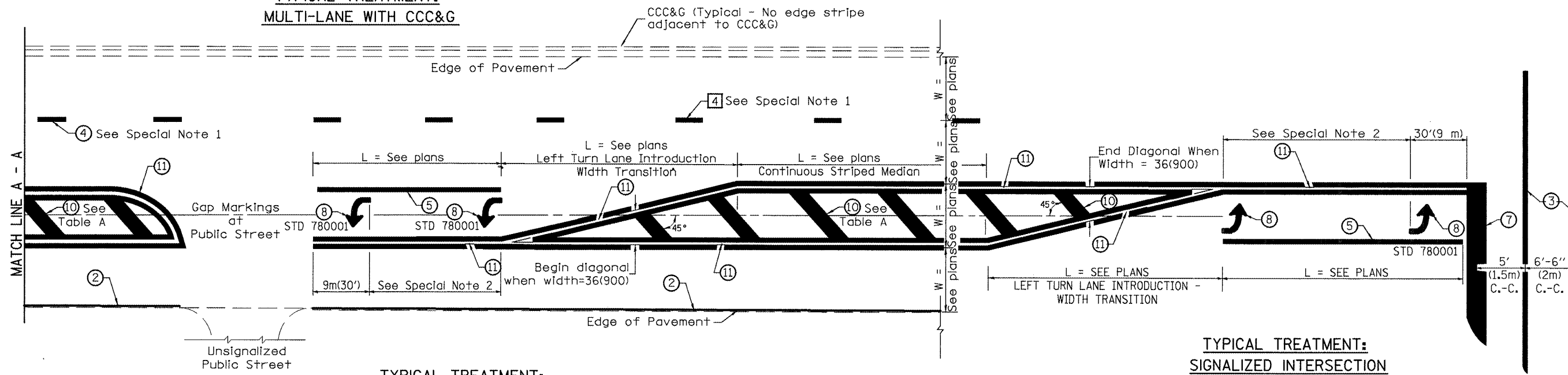
1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows 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.

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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					74	72(SRS-2,5B-1,6RS-1)	PEORIA	59	58	
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					CONTRACT NO. 68391					
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					SHT. 1 OF 2 CADD STD. 780001-D4					
						NOT TO SCALE		ILLINOIS FED. AID PROJECT				

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



**TYPICAL TREATMENT:
2-LANE WITH SHOULDER**

TYPICAL MEDIAN TRANSITIONS

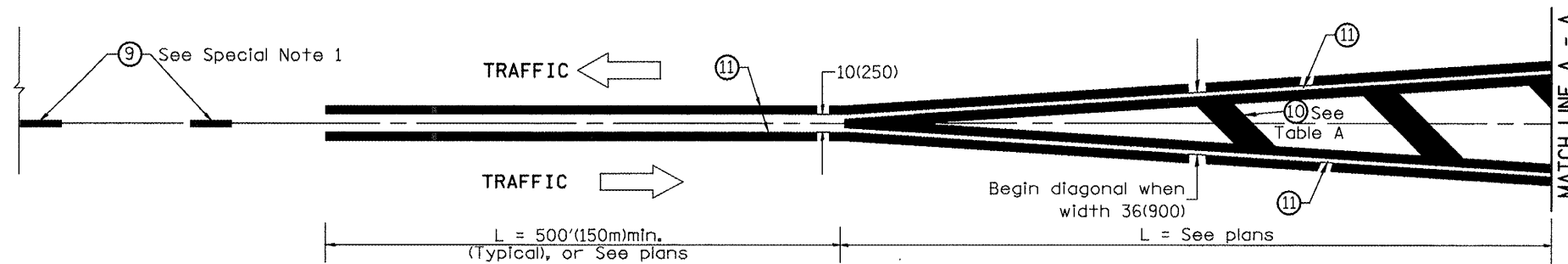
FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

**TYPICAL TREATMENT:
SIGNALIZED INTERSECTION**

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 780001-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	7215RS-2,5B-1,6RS-11	PEORIA	59	59
CONTRACT NO. 68391				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		