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HIGHWAY STANDARDS

HIGHWAY STANDARDS

420701-02	701001-02	701301-03	701901-01
442201-03	701006-03	701306-02	780001-02
606001-04	701011-02	701311-02	781001-03
606301-04	701101-02	701336-05	886001-01
635006-03	701201-03	701502-03	886006-01

DISTRICT STANDARDS

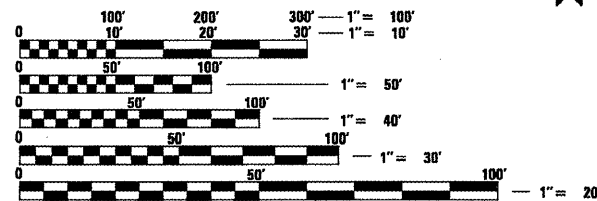
- 406101-D4
- 440001-D4
- 606301-D4
- 630101-D4
- 780001-D4

DESIGN DESIGNATION

OTHER PRINCIPAL ARTERIAL
 ADT: 7700 (2007)
 MU: 650 (2007)
 SU: 350 (2007)

PROJECT DESCRIPTION

THE WORK CONSISTS OF MILLING, OVERLAYING, PATCHING, REMOVAL AND REPLACEMENT OF PCC MEDIANS ON US 24 FROM EUREKA TO MCLEAN COUNTY LINE



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

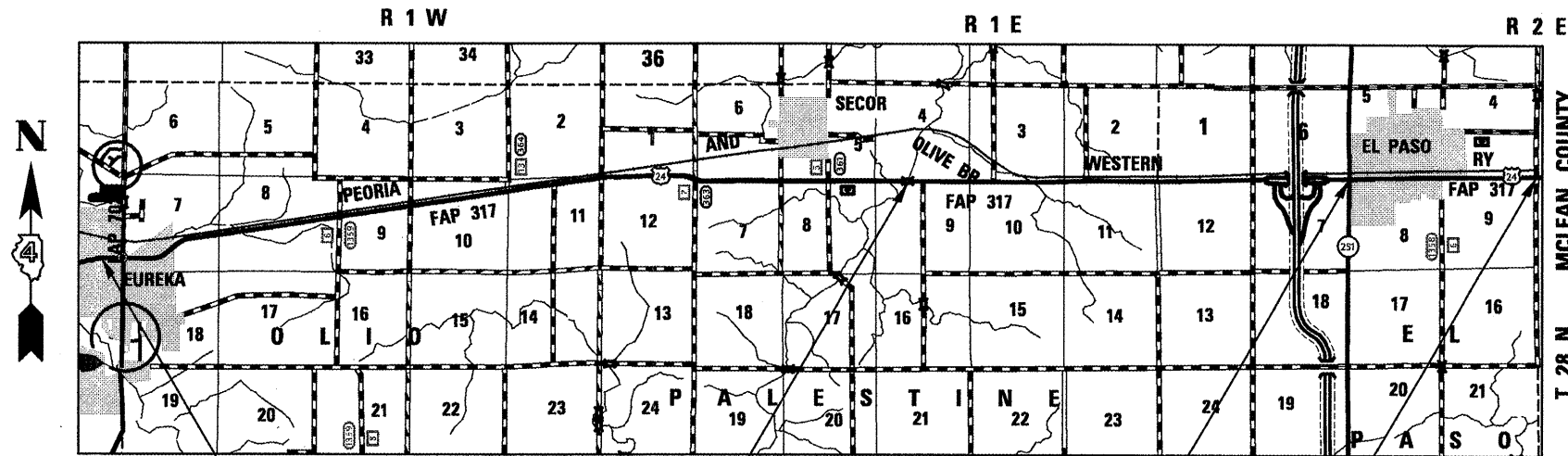
PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309) 671-3453
 PROJECT MANAGER: MIKE MOHAMED (309) 671-3462
 CONTRACT NO. 68570
 CATALOG NO. 033198-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 317 (US 24)
SECTION 31RS-2; (30, 39)RS-3; (32, 33)RS-4

PAVEMENT PRESERVATION
WOODFORD COUNTY

C-94-044-06



PROJECT BEGINS
 STA. 395 + 69.00

STRUCTURE*
 OMISSION

ROADWAY**
 OMISSION

PROJECT ENDS
 STA. 851 + 20.00

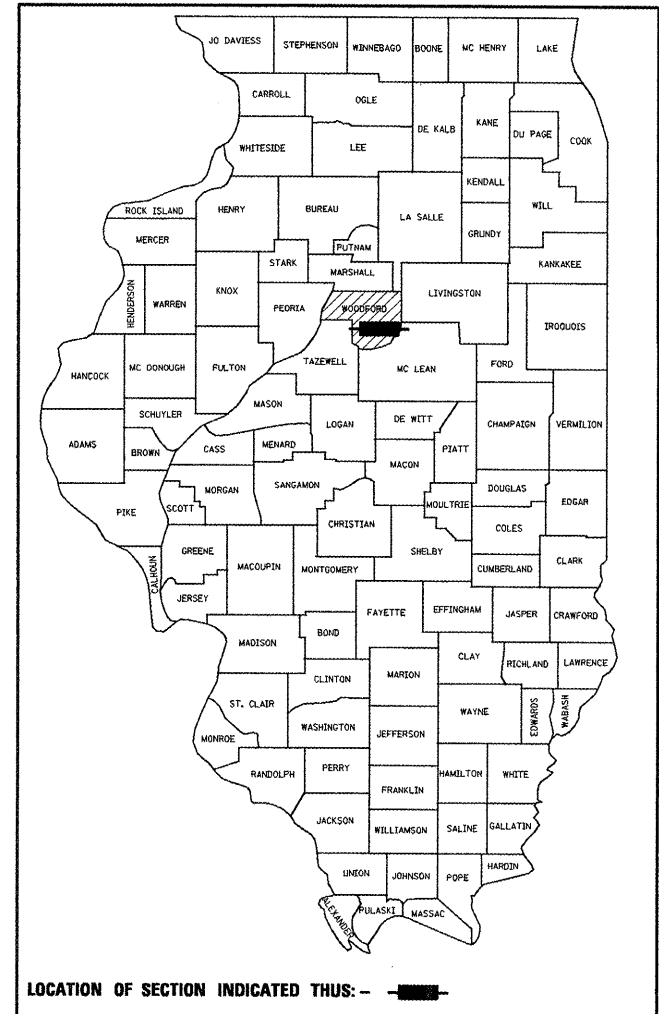
*STRUCTURE OMISSION:
 S.N. 102-0008
 STA. 2496 + 46.06 TO STA. 2499 + 25.94

**ROADWAY OMISSION:
 STA. 115 + 48.00 TO STA. 117 + 77.91 BK AND
 STA. 745 + 26.71 AH TO STA. 748 + 27.00

GROSS LENGTH = 81,433.20 FT. = 15.423 MILE
 NET LENGTH = 80,614.86 FT. = 15.268 MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2;(30,39)RS-3;(32,33)RS-4	WOODFORD	41	1
		ILLINOIS	CONTRACT NO. 68570	

D-94-037-06



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *2/27/2010*

[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Still, P.E.
 ACTING ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT

GENERAL NOTES

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENT ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

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

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

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

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

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	SURFACE COURSE 1 1/2"	LEVELING BINDER 3/4"	CLASS D PATCHES	HMA SHOULDER (SURFACE LIFT)	INCIDENTAL HMA SURFACING
AC/PG:	SBS or SBR 70-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX):**	10%	10%	25%	30%	15%
DESIGN AIR VOIDS:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5L	IL 9.5 or IL12.5
FRICTION AGGREGATE:	MIXTURE D	N.A.	N.A.	MIXTURE C	MIXTURE C

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

GENERAL NOTES (CONTINUED)

AGGREGATE FOR DRIVEWAY PLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

BUTT JOINT TIME CUTTING RESTRICTION

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

PAVING SURFACE COURSE

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

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

THE FOLLOWING STRUCTURES S.N. 102-0008 MAY BE CROSSED WITH A LOADED MTD.

ANY STRUCTURES NOT LISTED ABOVE SHALL BE VERIFIED BY THE RESIDENT ENGINEER PRIOR TO BEGINNING WORK.

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.

JOB SPECIFIC NOTES

PAVEMENT MARKINGS - "NO PASSING ZONE"

PRIOR TO PLACING CENTERLINE STRIPING, CONTACT THE DISTRICT BUREAU OF OPERATIONS FOR A "NO PASSING ZONE" EVALUATION.

AERIAL SPEED ZONE PAVEMENT MARKINGS

PRIOR TO PLACING AERIAL SPEED ZONE STRIPING, ILLINOIS STATE POLICE MUST BE CONTACTED FOR VERIFICATION OF THE AERIAL SPEED ZONE LOCATION.

CONCRETE MEDIAN SURFACE, 6 IN

AGGREGATE FILL REQUIRED UNDER THE CONCRETE MEDIAN SURFACE SHALL BE ACCORDING TO THE ARTICLE 606.09 OF THE STANDARD SPECIFICATIONS AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONCRETE MEDIAN SURFACE, 6 IN.

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	317	31RS-2+30.391RS-3+32.331RS-4	WOODFORD	41	2
	PLOT DATE = 2/3/2010	CHECKED -	REVISED -		CONTRACT NO. 68570								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 WOODFORD RURAL 100%- STATE	Y031-1F WOODFORD RURAL 100%- STATE
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	208	208	
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	139	139	
40600300	AGGREGATE (PRIME COAT)	TON	638	638	
40600826	POLYMERIZED LEVELING BINDER (<i>MACHINE METHOD</i>), IL-4.75, N50	TON	7,230	7,230	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,184	2,184	
40600990	TEMPORARY RAMP	SQ YD	1,030	1,030	
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	18,264	18,264	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1,263	1,263	
42001200	PAVEMENT FABRIC	SQ YD	2,794	2,794	
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	204,684	204,684	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	57,737	57,737	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	17,558	17,558	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	767	767	
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	6,495	6,495	
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	2,886	2,886	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	136	136	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	356	356	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	10,495	10,495	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	6,384	6,384	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	655	655	

FILE NAME = 68570 - Phase II.dgn

USER NAME = johnsonv
 PLOT SCALE = 100.0000 ' / IN.
 PLOT DATE = 2/1/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	3
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

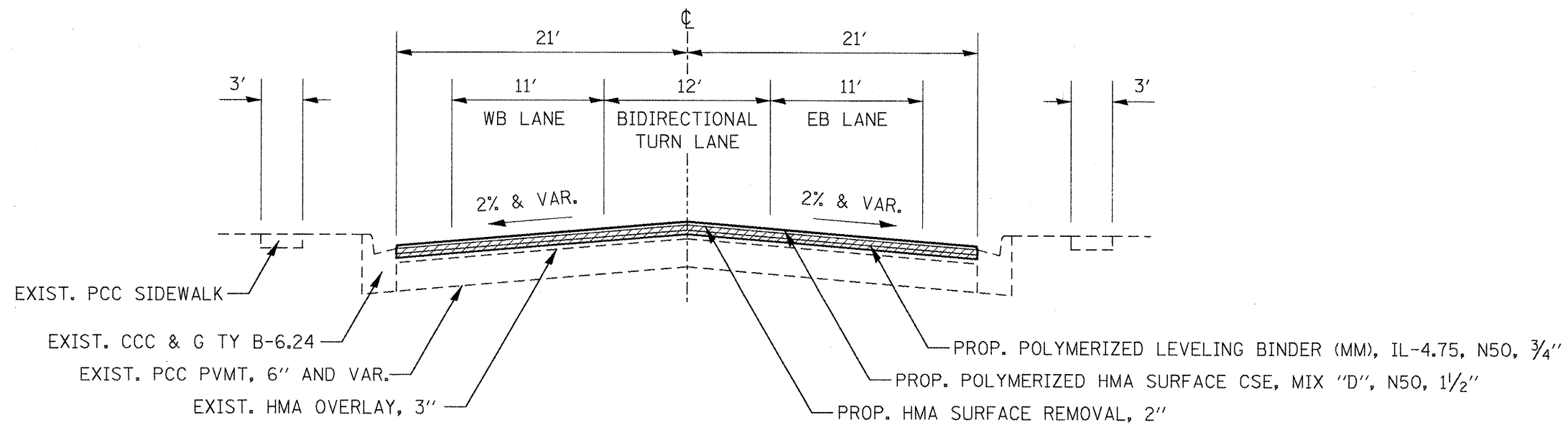
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 WOODFORD RURAL 100%- STATE	Y031-1F WOODFORD RURAL 100%- STATE
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	5,894	5,894	
60619121	CONCRETE MEDIAN, TYPE SB-6	SQ FT	24,546	24,546	
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	601	601	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12	
63304385	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1	EACH	12	12	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	35,615	35,615	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	281	281	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	221,581	221,581	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	377	377	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1,795	1,795	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	558	558	
70300275	TEMPORARY PAVEMENT MARKING - LINE 18"	FOOT	16	16	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	87	87	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,968	2,968	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

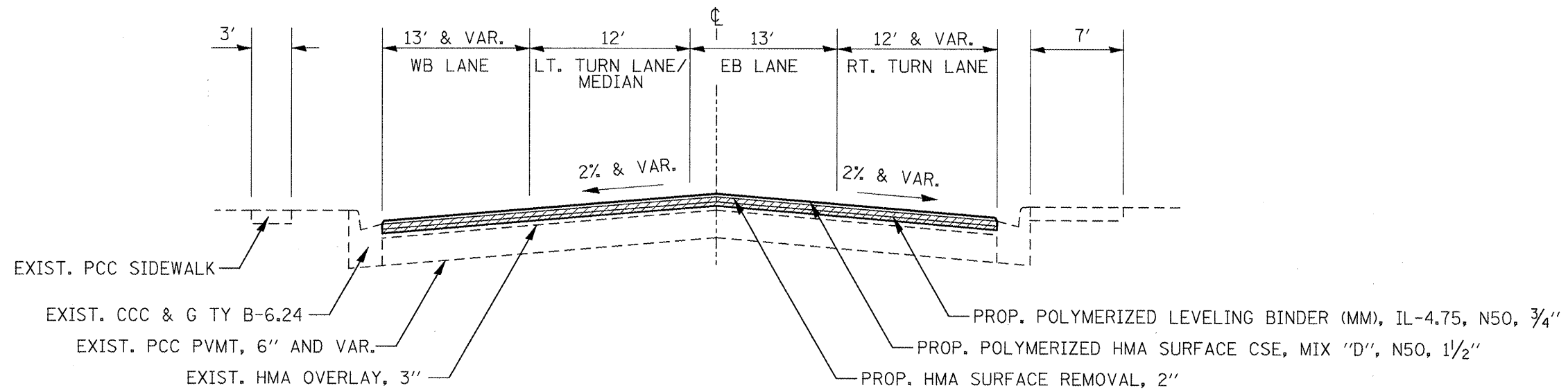
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	1000 WOODFORD RURAL 100%- STATE	Y031-1F WOODFORD RURAL 100%- STATE
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,210	1,210	
* 78200300	PRISMATIC CURB REFLECTOR	EACH	183	183	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,120	1,120	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	614		614
X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	61	61	
X0322729	MATERIAL TRANSFER DEVICE	TON	18,264	18,264	
X2503100	MOWING	UNIT	1,629	1,629	
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	24,546	24,546	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
* X7800600	URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS, SPECIAL	SQ FT	281	281	
* X7800610	URETHANE PAVEMENT MARKING - LINE 4"	FOOT	221,581	221,581	
* X7800630	URETHANE PAVEMENT MARKING - LINE 6"	FOOT	377	377	
* X7800640	URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,795	1,795	
* X7800650	URETHANE PAVEMENT MARKING - LINE 12"	FOOT	558	558	
* X7800670	URETHANE PAVEMENT MARKING - LINE 18"	FOOT	16	16	
* X7800680	URETHANE PAVEMENT MARKING - LINE 24"	FOOT	87	87	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1	

* SPECIALTY ITEM



TYPICAL SECTION 1

STA. 395+69.00 TO STA. 398+55.64



TYPICAL SECTION 2

STA. 398+55.64 TO STA. 401+90.30

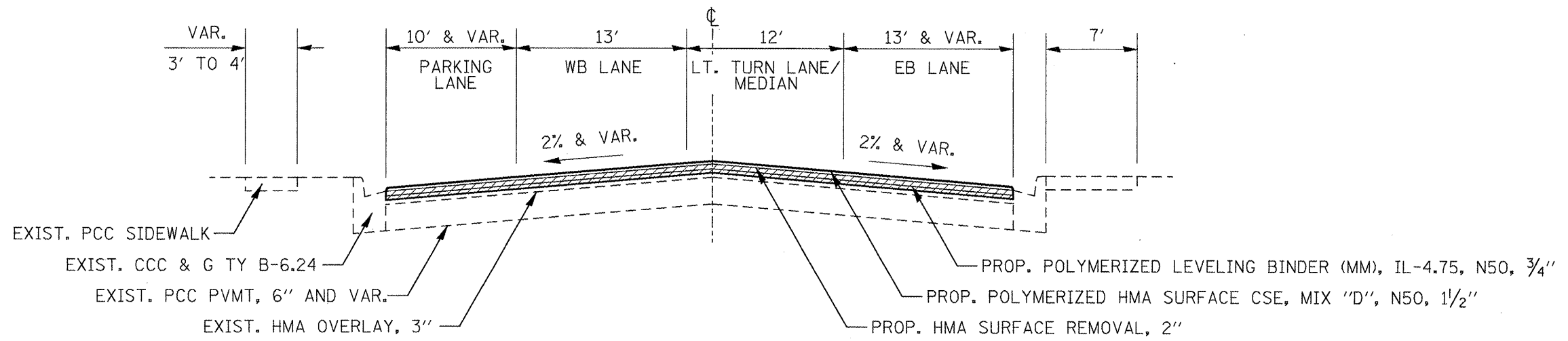
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		CHECKED -	REVISED -
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PLOT SCALE = 100.0000' / IN.			
PLOT DATE = 2/1/2010			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

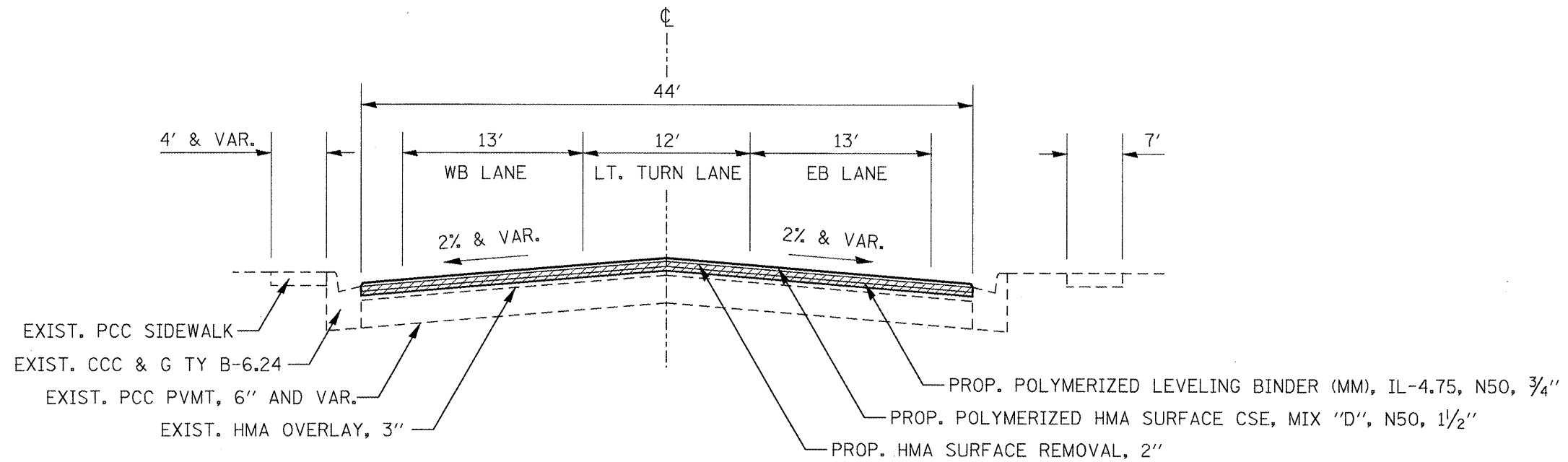
TYPICAL SECTIONS

NOT TO SCALE SHEET NO. 1 OF 8 SHEETS STA. 395+69.00 TO STA. 401+90.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,391RS-3+32,331RS-4	WOODFORD	41	6
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				

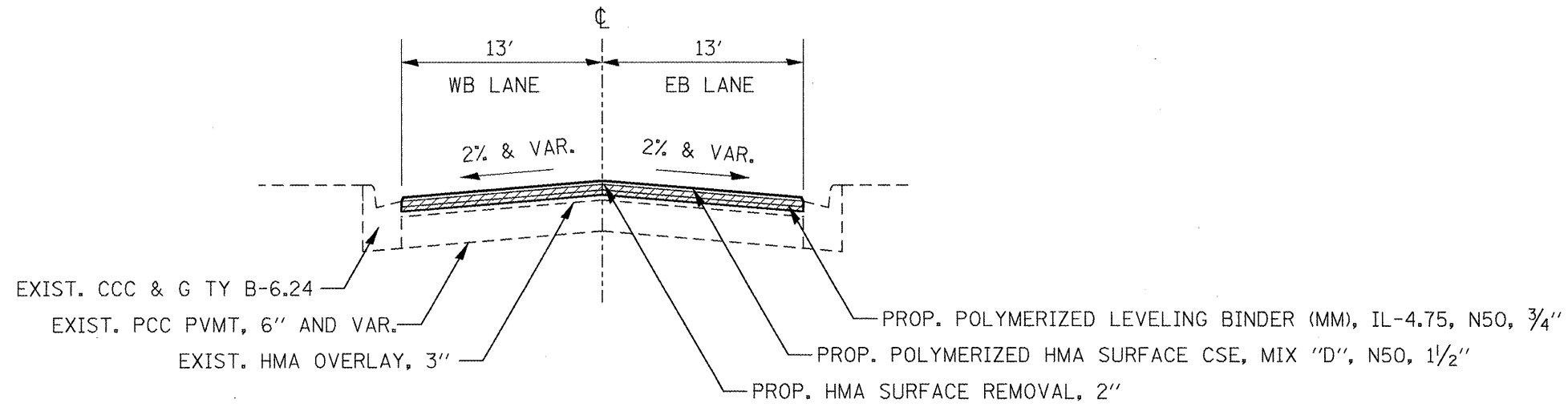


TYPICAL SECTION 3
 STA. 401+90.30 TO STA. 405+18.40



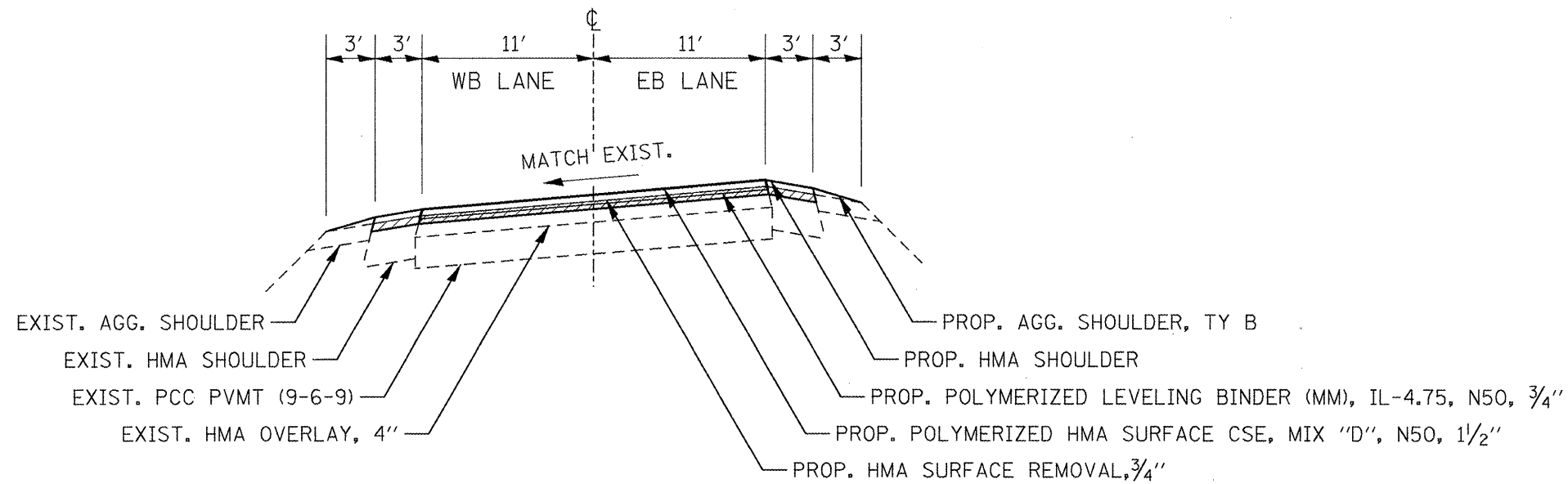
TYPICAL SECTION 4
 STA. 405+18.40 TO STA. 412+78.00

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	7
	PLOT DATE = 2/1/2010	DATE -	REVISED -		NOT TO SCALE	SHEET NO. 2 OF 8 SHEETS	STA. 401+90.30 TO STA. 412+78.00	CONTRACT NO. 68570				
								ILLINOIS FED. AID PROJECT				



TYPICAL SECTION 5

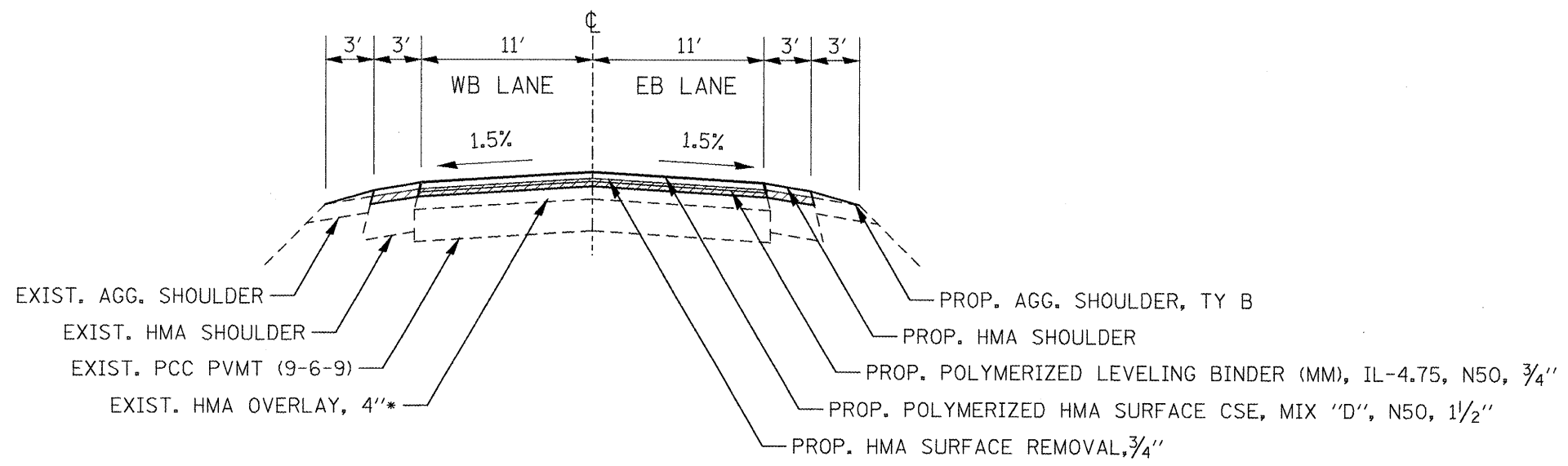
STA. 412+78.00 TO STA. 436+40.00



TYPICAL SECTION 6

STA. 436+40.00 TO STA. 448+27.00
 STA. 673+87.00 TO STA. 682+18.00
 STA. 720+89.00 TO STA. 729+40.00
 STA. 730+53.00 TO STA. 738+16.00 BK
 STA. 2386+15.00 AH TO STA. 2387+24.00

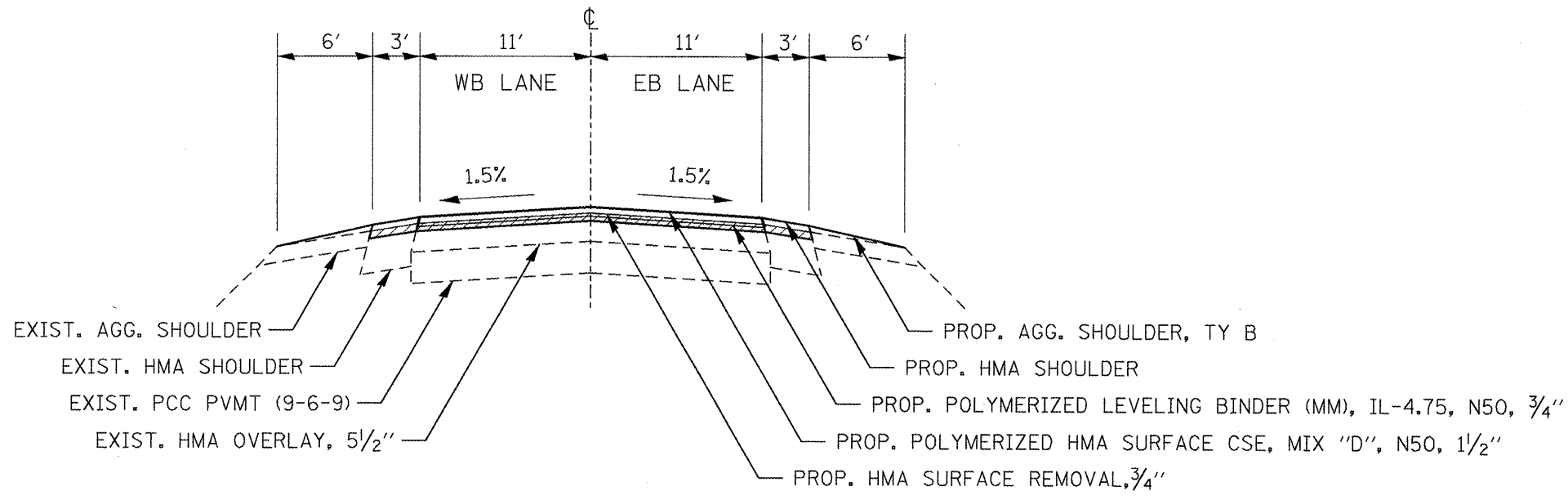
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	8
	PLOT DATE = 2/1/2018	DATE -	REVISED -		NOT TO SCALE	SHEET NO. 3 OF 8 SHEETS	STA. 412+78.00 TO STA. 2387+24.00	CONTRACT NO. 68570				
								ILLINOIS FED. AID PROJECT				



TYPICAL SECTION 7

STA. 448+27.00 TO STA. 673+87.00
 STA. 682+18.00 TO STA. 720+89.00
 STA. 729+40.00 TO STA. 730+53.00
 STA. 2387+24.00 TO STA. 2423+70.00

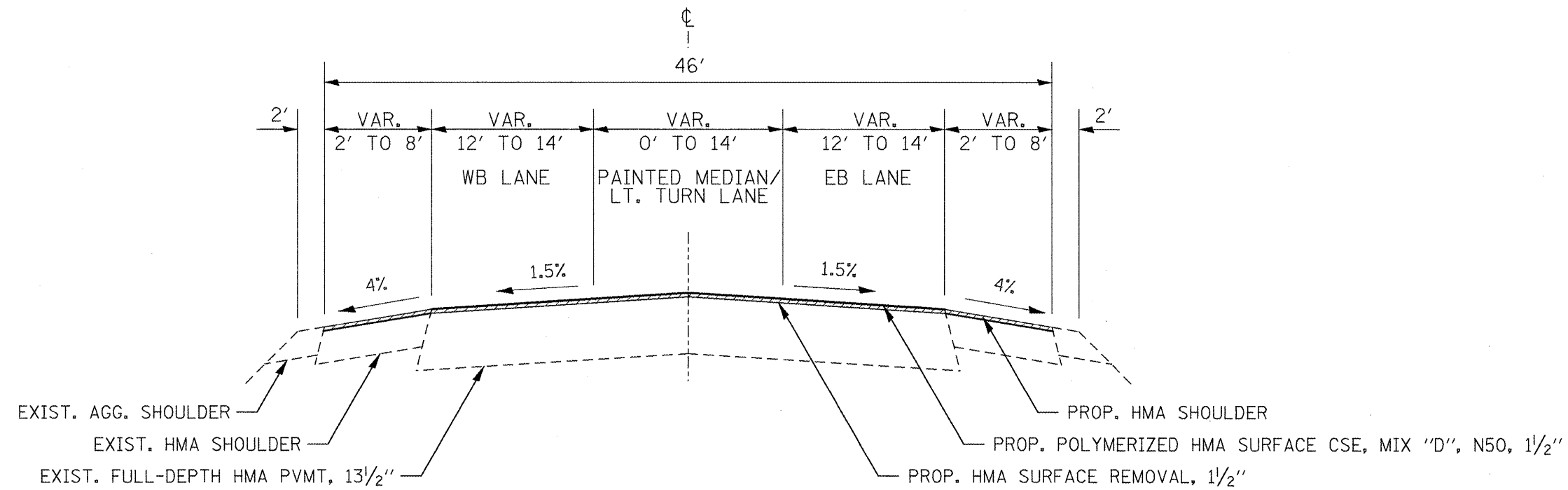
*EXIST. HMA OVERLAY THICKNESS 4 1/4" STA. 2423+70.00 TO STA. 2480+40.00
 ** 6' WIDE HMA SHOULDER EXISTS RT. STA. 2459+28 TO STA. 2466+14 (AT SECOR CEMETERY)



TYPICAL SECTION 8

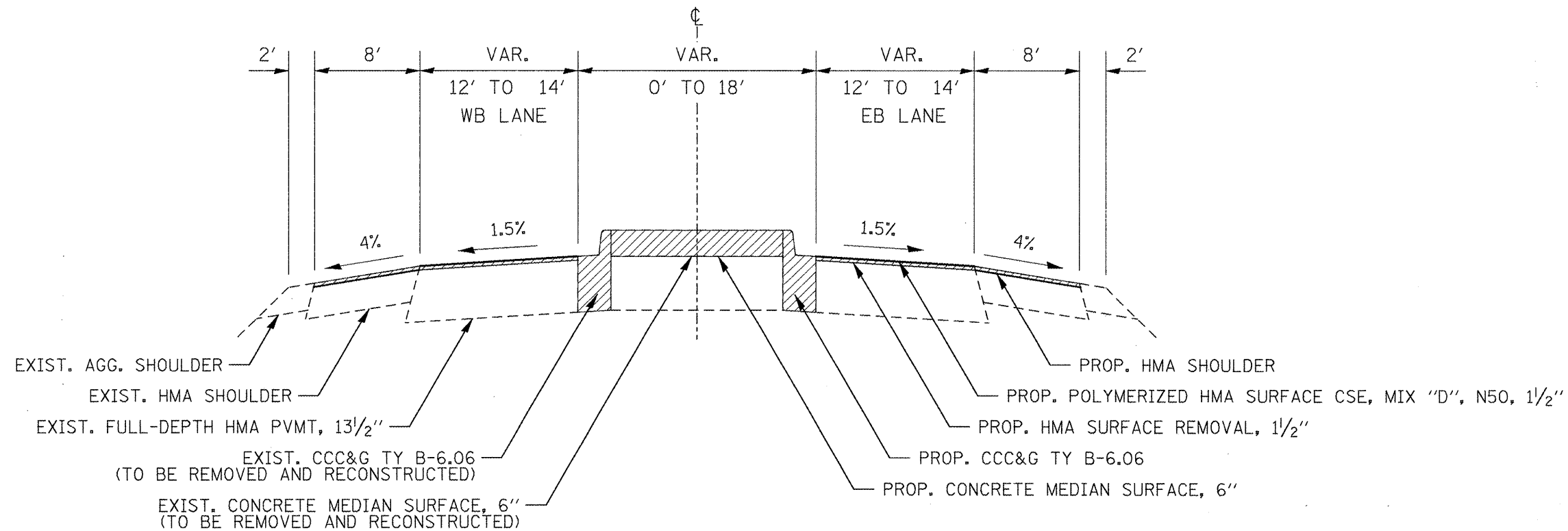
STA. 2480+40.00 TO STA. 2496+40.93
 STA. 2499+29.07 TO STA. 2700+09.63

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -					317	31RS-2x(30,39)RS-3x(32,33)RS-4	WOODFORD	41	9
	PLOT DATE = 2/1/2010	DATE -	REVISED -		NOT TO SCALE	SHEET NO. 4 OF 8 SHEETS	STA. 448+27.00 TO STA. 2700+09.63	CONTRACT NO. 68570			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION 9

STA. 2700+09.63 TO STA. 2704+30.00 (BK)
TO STA. 70+00.00 (AH) TO STA. 79+50.00



TYPICAL SECTION 10

STA. 79+50.00 TO STA. 83+50.00

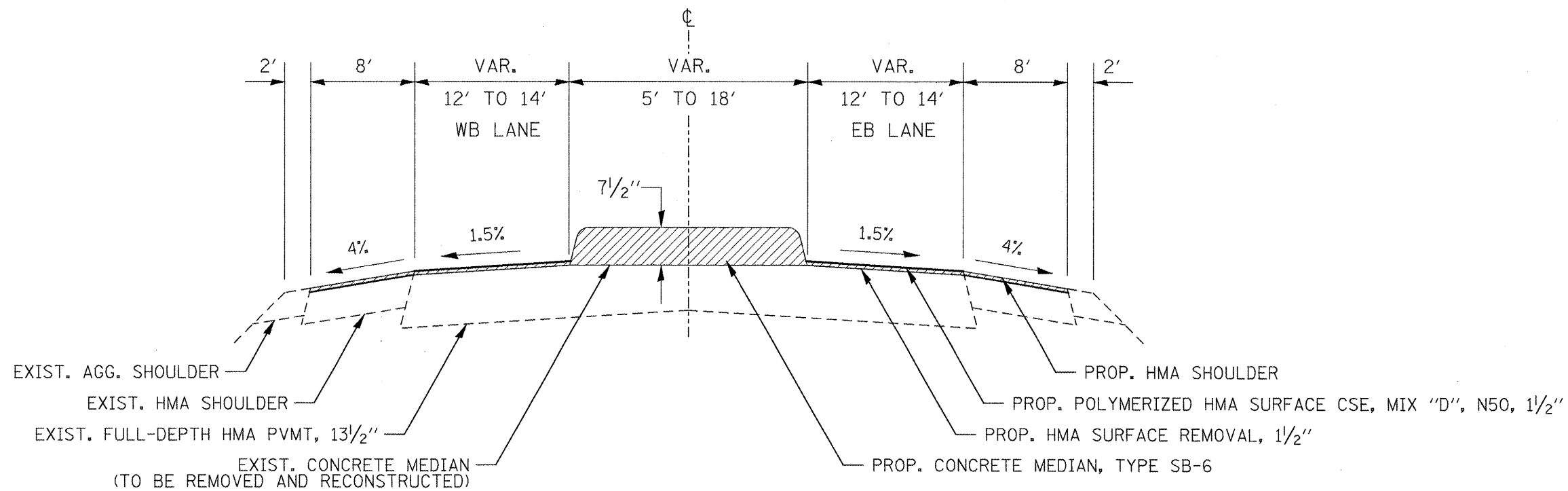
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PLOT DATE = 2/1/2018	

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

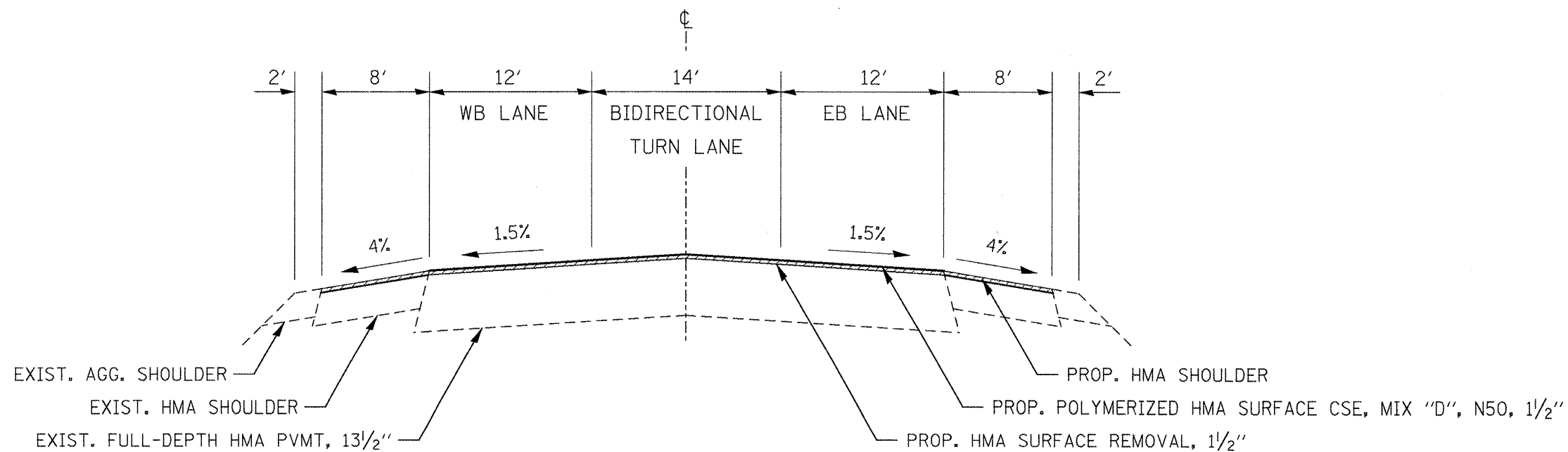
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		
NOT TO SCALE	SHEET NO. 5 OF 8 SHEETS	STA. 2700+09.63 TO STA. 83+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	10
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				

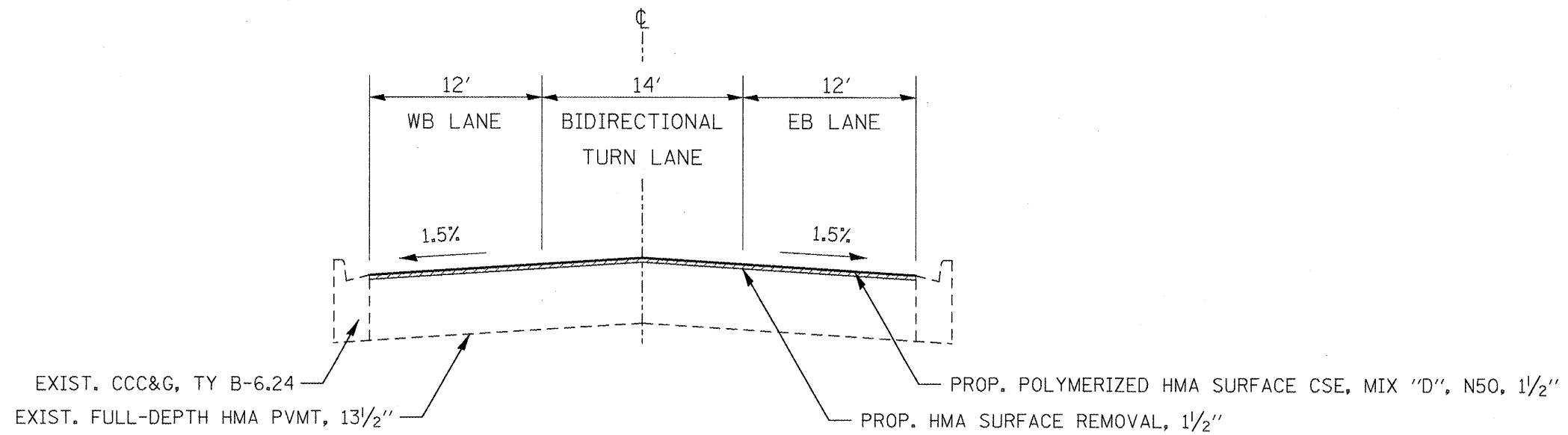


TYPICAL SECTION 11
 STA. 83+50.00 TO STA. 103+00.00

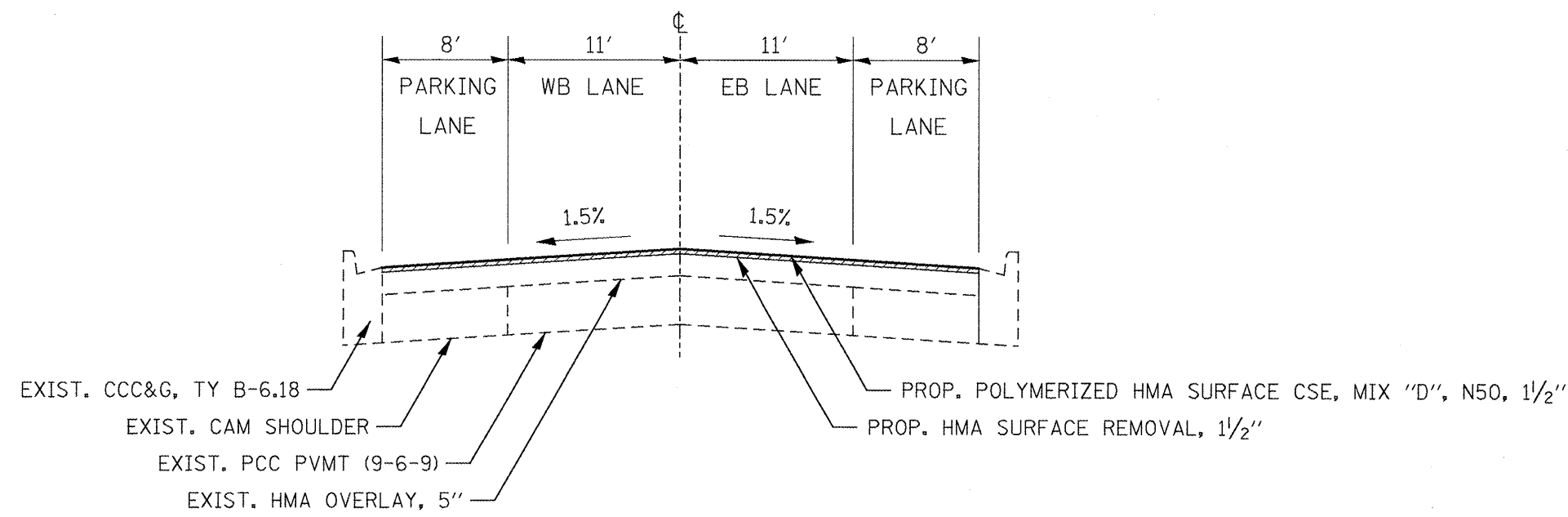


TYPICAL SECTION 12
 STA. 103+00.00 TO STA. 105+96.00

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -				317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	11
	PLOT DATE = 2/1/2010	DATE -	REVISED -				CONTRACT NO. 68570				
					NOT TO SCALE	SHEET NO. 6 OF 8 SHEETS	STA. 83+50.00 TO STA. 105+96.00		ILLINOIS FED. AID PROJECT		

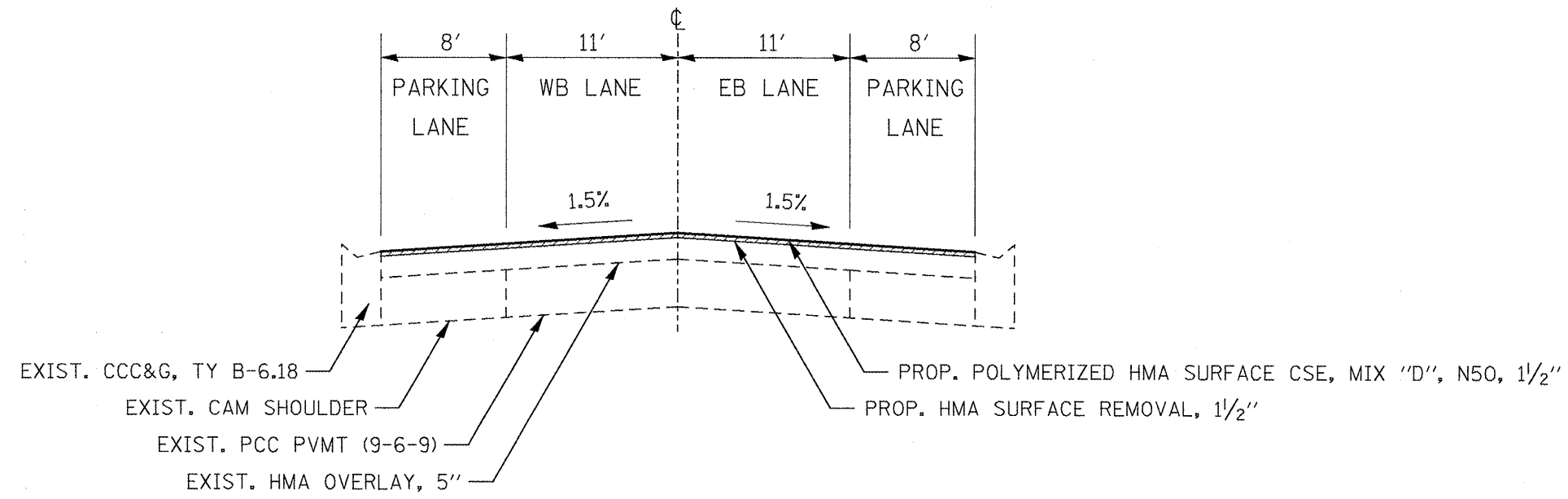


TYPICAL SECTION 13
 STA. 105+96.00 TO STA. 115+48.00

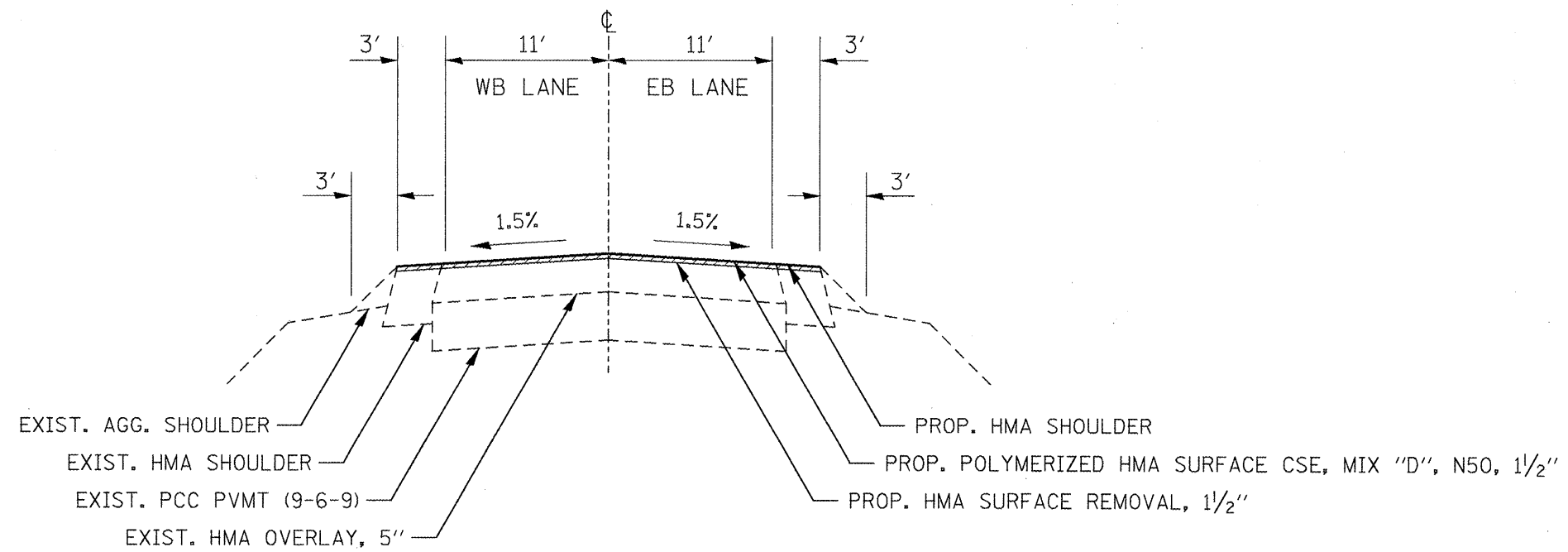


TYPICAL SECTION 14
 STA. 748+27.00 TO STA. 767+15.00

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLDT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	12
	PLDT DATE = 2/1/2010	DATE -	REVISED -		REVISED -	NOT TO SCALE	SHEET NO. 7 OF 8 SHEETS	STA. 105+96.00 TO STA. 767+15.00	ILLINOIS FED. AID PROJECT			



TYPICAL SECTION 15
 STA. 767+15.00 TO STA. 787+00.00



TYPICAL SECTION 16
 STA. 787+00.00 TO STA. 851+20.00

FILE NAME = 68570 - Phase 11.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 317	SECTION 31RS-2+(30,39)RS-3+(32,33)RS-4	COUNTY WOODFORD	TOTAL SHEETS 41	SHEET NO. 13
		DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 8 OF 8 SHEETS	STA. 767+15.00 TO STA. 851+20.00	CONTRACT NO. 68570				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

TABULATION OF RESURFACING QUANTITIES

LOCATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL, 3/4 IN	HMA SURFACE REMOVAL, 1 1/2 IN	HMA SURFACE REMOVAL, 2 IN	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)		POLYMERIZED HMA SURFACE COURSE, MIX "D", N50	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	HMA SHOULDERS	AGGREGATE SHOULDERS, TYPE B
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	COLD-MILLED	FOG COAT	COLD-MILLED	FOG COAT	TON	TON	TON	TON
						TON		TON		TON	TON	TON	TON
STA. 395+69.00 TO STA. 398+55.64	46.67	23.33			1,337.65	0.54	0.16	2.68	1.34	112.70	56.27		
STA. 398+55.64 TO STA. 401+90.30					1,859.22	0.74	0.22	3.72	1.86	156.57	78.18		
STA. 401+90.30 TO STA. 405+18.40					1,749.87	0.70	0.21	3.50	1.75	147.37	73.59		
STA. 405+18.40 TO STA. 412+78.00					3,713.60	1.49	0.45	7.43	3.71	312.83	156.19		
STA. 412+78.00 TO STA. 436+40.00					6,823.56	2.73	0.82	13.65	6.82	575.93	287.28		
STA. 436+40.00 TO STA. 448+27.00			3692.89			1.48	0.44	5.80	2.90	245.12	122.21	102.82	135.32
STA. 448+27.00 TO STA. 673+87.00			70186.67			28.07	8.42	110.29	55.15	4658.64	2322.74	1954.26	2571.84
STA. 673+87.00 TO STA. 682+18.00			2585.33			1.03	0.31	4.06	2.03	171.60	85.56	71.99	94.73
STA. 682+18.00 TO STA. 720+89.00			12043.11			4.82	1.45	18.92	9.46	799.36	398.55	335.33	441.29
STA. 720+89.00 TO STA. 729+40.00			2647.56			1.06	0.32	4.16	2.08	175.73	87.62	73.72	97.01
STA. 729+40.00 TO STA. 730+53.00			351.56			0.14	0.04	0.55	0.28	23.33	11.63	9.79	12.88
STA. 730+53.00 TO STA. 738+15.60 BK			2372.53			0.95	0.28	3.73	1.86	157.48	78.52	66.06	86.94
STA. 2386+15.80 AH TO STA. 2387+24.00			336.62			0.13	0.04	0.53	0.26	22.34	11.14	9.37	12.33
STA. 2387+24.00 TO STA. 2423+70.00			11343.11			4.54	1.36	17.82	8.91	752.90	375.39	315.83	415.64
STA. 2423+70.00 TO STA. 2480+40.00			17640.00			7.06	2.12	27.72	13.86	1170.86	583.77	491.16	646.38
STA. 2480+40.00 TO STA. 2496+40.93	93.33	15.56	4980.67			1.99	0.60	7.83	3.91	330.59	164.83	138.68	365.01
STA. 2496+40.93 TO STA. 2499+29.07													
STRUCTURE OMISSION													
STA. 2499+29.07 TO STA. 2700+09.63	93.33	15.56	62472.85			24.99	7.50	98.17	49.09	4146.64	2067.46	1739.48	4578.37
STA. 2700+09.63 TO STA. 2704+30.00 BK			2709.05			1.08	0.33	3.92	1.96	165.28	82.52	95.27	31.95
STA. 70+00.00 AH TO STA. 79+50.00			6122.22			2.45	0.73	8.87	4.43	373.51	186.48	215.29	72.20
STA. 79+50.00 TO STA. 83+50.00				1,955.56		0.78		2.49		105.00		60.20	30.40
STA. 83+50.00 TO STA. 103+00.00				9,533.33		3.81		12.13		511.88		293.48	148.20
STA. 103+00.00 TO STA. 105+96.00				1,776.00		0.71		2.50		105.33		44.55	22.50
STA. 105+96.00 TO STA. 115+48.00	42.22	21.11		4,019.58		1.61		8.04		338.75			
STA. 115+48.00 TO STA. 117+77.91 BK													
STA. 745+26.71 AH TO STA. 748+27.00													
ROADWAY OMISSION													
STA. 748+27.00 TO STA. 767+15.00	42.22	21.11		7,971.56		3.19		15.94		671.81			
STA. 767+15.00 TO STA. 787+00.00				8,381.11		3.35		16.76		706.33			
STA. 787+00.00 TO STA. 851+20.00	31.11	15.56		19,973.33		7.99		31.39		1325.73		367.01	731.88
SUB-TOTAL	348.89	112.22	199484.18	53610.44	15483.90	107.43	25.80	432.61	171.68	18263.59	7229.92	6384.28	10,494.88
TOTAL	349	112	199,484	53,610	15,484	133		604		18,264	7,230	6,384	10,495

SCHEDULE OF SIDE ROADS AND ENTRANCES

LOCATION	AREA SQ YD	POLYMERIZED BIT. MATERIALS (PRIME COAT)	AGGREGATE PRIME COAT	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HMA SURFACING	HMA SURFACE REMOVAL, 3/4 IN	HMA SURFACE REMOVAL, 1 1/2 IN	HMA SURFACE REMOVAL, 2 IN	AGGREGATE SURFACE CSE TYPE B	
		TON	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	TON	
SIDE ROADS:											
LT./RT. STA. 397+04.20 CALLENDAR ST.	438.89	0.23	1.32	55.56	27.78	55.30			438.89		
LT./RT. STA. 400+30.42 ALLEY	130.00	0.07	0.39	40.00	20.00	16.38			130.00		
RT. STA. 403+59.12 ALLEY	57.00	0.03	0.17	15.56	7.78	7.18			57.00		
LT./RT. STA. 405+22.47 MAJOR ST.	339.33	0.18	1.02	87.78	43.89	42.76			339.33		
LT./RT. STA. 409+27.80 DARST ST.							NO WORK				
LT. STA. 411+03.00 ALLEY	158.33	0.08	0.48	39.81	19.91	19.95			158.33		
LT./RT. STA. 412+78.00 CREAMERY ST.	316.66	0.16	0.95	79.62	39.81	39.90			316.66		
RT. STA. 419+63.00 HENRY ST.	158.33	0.08	0.48	39.81	19.91	19.95			158.33		
RT. STA. 423+65.00 KELLER ST.	158.33	0.08	0.48	39.81	19.91	19.95			158.33		
LT. STA. 436+00.00 ± E. BULLOCK ST.	158.33	0.08	0.48	39.81	19.91	19.95			158.33		
RT. STA. 436+00.00 ± EAST ST.	158.33	0.08	0.48	39.81	19.91	19.95			158.33		
LT./RT. STA. 531+44.00 1625 E	332.70	0.17	1.00	104.40	52.20	41.92	332.70				
LT./RT. STA. 571+04.00 1700 E	323.30	0.17	0.97	115.60	57.80	40.74	323.30				
LT. STA. 625+42.00 1800 E	190.00	0.10	0.57	62.20	31.10	23.94	190.00				
RT. STA. 651+82.00 1850 E	198.30	0.10	0.59	53.30	26.65	24.99	198.30				
LT./RT. STA. 678+22.00 1900 E	346.60	0.18	1.04	97.80	48.90	43.67	346.60				
LT./RT. STA. 731+02.00 2000 E	296.00	0.15	0.89	142.30	71.15	37.30	296.00				
LT./RT. STA. 2427+60.00 2100 E	693.30	0.36	2.08	55.56	27.78	87.36	693.30				
LT./RT. STA. 2454+00.00 2150 E	1,152.50	0.60	3.46	55.56	27.78	145.22	1,152.50				
RT. STA. 2506+81.00 2250 E	180.56	0.09	0.54	27.78	13.89	22.75	180.56				
LT. STA. 2546+24.00 2325 E	88.89	0.05	0.27	22.22	11.11	11.20	88.89				
LT. STA. 2589+00.00 2425 E	122.22	0.06	0.37	24.44	12.22	15.40	122.22				
RT. STA. 2638+70.00 2500 E	73.33	0.04	0.22	24.44	12.22	9.24	73.33				
LT./RT. STA. 2691+60.00 2600 E	133.33	0.07	0.40	44.44	22.22	16.80	133.33				
LT./RT. STA. 104+50.00 ACESS RD.	280.00	0.15	0.84	55.56	27.78	23.52		280.00			
RT. STA. 749+48.00 MICHIGAN ST.	95.00	0.05	0.29	27.78	13.89	7.98		95.00			
LT./RT. STA. 753+20.00 SUMMIT ST.	200.00	0.10	0.60	55.56	27.78	16.80		200.00			
LT./RT. STA. 757+00.00 WALNUT ST.	210.00	0.11	0.63	55.56	27.78	17.64		210.00			
LT./RT. STA. 760+79.00 SYCAMORE ST.	190.00	0.10	0.57	55.56	27.78	15.96		190.00			
LT./RT. STA. 764+60.00 ELM ST.	190.00	0.10	0.57	55.56	27.78	15.96		190.00			
RT. STA. 768+42.00 S. CENTRAL ST.	110.00	0.06	0.33	27.78	13.89	9.24		110.00			
RT. STA. 774+63.00 COMMERCIAL ST.	40.00	0.02	0.12	27.78	13.89	3.36		40.00			
LT. STA. 779+29.00 CHESTNUT ST.	110.00	0.06	0.33	27.78	13.89	9.24		110.00			
LT. STA. 783+14.00 PINE ST.	120.00	0.06	0.36	27.78	13.89	10.08		120.00			
RT. STA. 786+85.00 MAPLE ST.	210.00	0.11	0.63	27.78	13.89	17.64		210.00			
RT. STA. 790+65.00 ORANGE ST.	105.00	0.05	0.32	27.78	13.89	8.82		105.00			
LT./RT. STA. 798+20.00 OAK ST.	220.00	0.11	0.66	55.56	27.78	18.48		220.00			

FILE NAME = 68570 - Phase II.dgn

USER NAME = johnsonv	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 / IN.	DRAWN -	REVISED -
PLOT DATE = 2/1/2010	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	15
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF SIDE ROADS AND ENTRANCES

LOCATION				AREA	POLYMERIZED BIT. MATERIALS (PRIME COAT)	AGGREGATE PRIME COAT	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HMA SURFACING	HMA SURFACE REMOVAL, 3/4 IN	HMA SURFACE REMOVAL, 1 1/2 IN	HMA SURFACE REMOVAL, 2 IN	AGGREGATE SURFACE CSE TYPE B
				SQ YD	TON	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	TON
ENTRANCES AND MAILBOX TURNOUTS													
RT.	STA.	791+49.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	791+66.00	CE	124.00	0.06	0.37			10.42		124.00		
RT.	STA.	792+10.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	796+22.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	797+65.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	799+50.00	PE & MB	40.89	0.02	0.12			3.43		40.89		
LT.	STA.	801+50.00	PE & MB	40.89	0.02	0.12			3.43		40.89		
RT.	STA.	804+16.00	PE	78.00	0.04	0.23			6.55		78.00		
LT.	STA.	804+30.00	PE & MB	40.89	0.02	0.12			3.43		40.89		
LT.	STA.	811+24.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	811+96.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	814+55.00	CE	124.00	0.06	0.37			10.42		124.00		
RT.	STA.	825+24.00	PE	78.00	0.04	0.23			6.55		78.00		
RT.	STA.	826+65.00	PE	78.00	0.04	0.23			6.55		78.00		
LT.	STA.	830+00.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	831+00.00	PE	78.00	0.04	0.23			6.55		78.00		
LT.	STA.	833+29.00	CE	124.00	0.06	0.37			10.42		124.00		
LT.	STA.	834+80.00	CE	124.00	0.06	0.37			10.42		124.00		
SUBTOTAL					5.93	34.20	1,835.38	917.69	1,263.16	5,200.42	4,126.67	2,073.55	207.94
TOTAL					6	34	1,835	918	1,263	5,200	4,127	2,074	208

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
HMA COURSES	112	2.016
COARSE AGGREGATE	114	2.05
FINE AGGREGATE		1.5

MATERIAL TRANSFER DEVICE

LOCATION	TON
US 24 - HMA SURFACE COURSE ONLY	18,264
TOTAL	18,264

URETHANE PAVEMENT MARKING SCHEDULE

LOCATION	LETTERS AND SYMBOLS		LINE 4"		LINE 6"	LINE 8"	LINE 12"		LINE 18"	LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	
	WHITE	S Q FT	WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	TWO-WAY	ONE-WAY
			FT		FT	FT	FT		FT	FT	EACH	
STA. 395+69.00 TO STA. 401+90.30	62		1,243	2,221	142	487	138	68		47	25	12
STA. 401+90.30 TO STA. 409+00.00	62		425	1,260	159	290	78	68		40	36	9
STA. 409+00.00 TO STA. 436+40.00				4,483							34	
STA. 436+40.00 TO STA. 531+44.00			19,008	8,171							119	
STA. 531+44.00 TO STA. 571+04.00			7,920	990							50	
STA. 571+04.00 TO STA. 625+42.00			10,876	1,360							68	
STA. 625+42.00 TO STA. 651+82.00			5,280	660					16		33	
STA. 651+82.00 TO STA. 678+22.00			5,280	660							33	
STA. 678+22.00 TO STA. 731+02.00			10,560	1,320							66	
STA. 731+02.00 TO STA. 738+15.60 BK			1,427	178							9	
STA. 2386+15.80 AH TO STA. 2427+60.00			8,288	1,036							52	
STA. 2427+60.00 TO STA. 2454+00.00			5,280	3,704							33	
STA. 2454+00.00 TO STA. 2506+81.00			10,562	3,971							66	
STA. 2506+81.00 TO STA. 2546+24.00			7,886	7,886							49	
STA. 2546+24.00 TO STA. 2599+00.00			10,552	6,169							66	
STA. 2599+00.00 TO STA. 2638+70.00			7,940	4,928							50	
STA. 2638+70.00 TO STA. 2691+60.00			10,580	2,626							66	
STA. 2691+60.00 TO STA. 2704+30.00 BK			2,540	2,070			140				64	
STA. 70+00.00 AH TO STA. 115+48.00	156		9,096	9,777		1,018					112	30
STA. 115+48.00 TO STA. 117+77.91 BK			ROADWAY OMISSION									
STA. 745+26.71 AH TO STA. 748+27.00												
STA. 748+27.00 TO STA. 798+20.00			9,986	1,458	76		66				62	
STA. 798+20.00 TO STA. 851+20.00			10,600	1,325							67	
SUB-TOTAL	281		155,329	66,252	377	1,795	422	136	16	87	1,159	51
TOTAL	281		221,581		377	1,795	558		16	87	1,210	

NOTE: PRIOR TO PLACING CENTERLINE AND AERIAL SPEED ZONE STRIPING, CONTACT THE DISTRICT BUREAU OF OPERATIONS FOR A "NO PASSING ZONE" EVALUATION AND LOCATION OF AN AERIAL SPEED ZONE.

TRAFFIC CONTROL AND PROTECTION

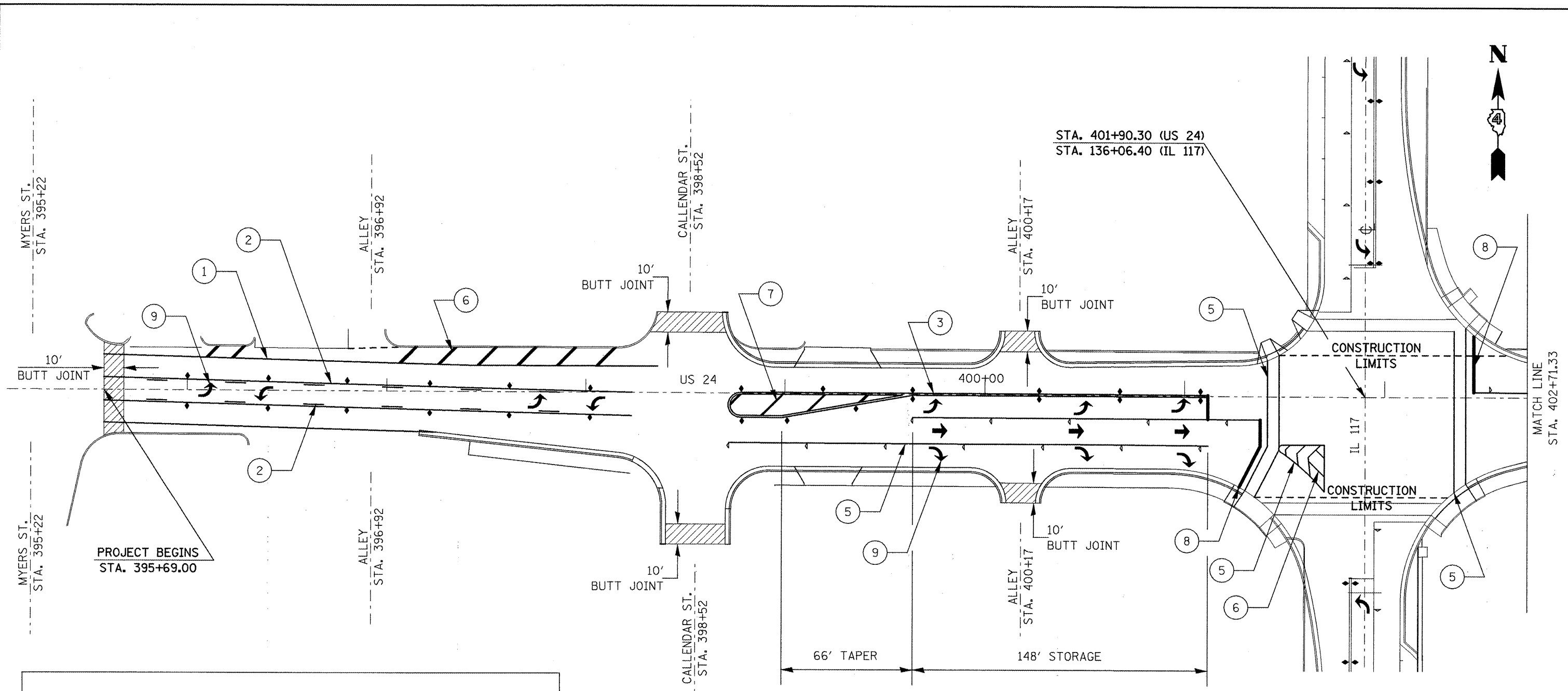
LOCATION	STD. 701201	STD. 701306	STD. 701336	STD. 701502
	L SUM	L SUM	L SUM	L SUM
US 24	1	1	1	1
TOTAL	1	1	1	1

CCC&G AND MEDIAN SCHEDULE									
LOCATION	CCC&G REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	CONCRETE MEDIAN REMOVAL	CCC&G, TYPE B-6.06	CONCRETE MEDIAN SURFACE, 6"	CONCRETE MEDIAN, TYPE SB-6.06	CONCRETE MEDIAN, TYPE SB-6	PAVEMENT FABRIC	PRISMATIC CURB REFLECTOR
	FT	SQ FT	SQ FT	FT	SQ FT	SQ FT	SQ FT	SQ YD	EACH
STA. 79+50.00 TO STA. 83+24.90	767.29	6,495.08		654.88	5,893.92	601.16		66.80	39
STA. 83+89.25 TO STA. 97+46.00			19,903.32				19,903.32	2211.48	88
STA. 98+10.13 TO STA. 103+08.00			4,642.34				4,642.34	515.82	56
TOTAL	767	6,495	24,546	655	5,894	601	24,546	2,794	183

SCHEDULE OF GUARDRAIL QUANTITIES				
LOCATION	TRAFFIC BARRIER TERMINAL REMOVAL, TY 1	TRAFFIC BARRIER TERMINAL TY 1, SPECIAL (TANGENT)	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGG. EROSION CONTROL
	EACH	EACH	EACH	TON
LT. STA. 436+40.00	1	1	1	5.07
RT. STA. 436+40.00	1	1	1	5.07
LT. STA. 438+00.00	1	1	1	5.07
RT. STA. 438+00.00	1	1	1	5.07
LT. STA. 483+92.00	1	1	1	5.07
LT. STA. 485+65.00	1	1	1	5.07
RT. STA. 2461+00.00	1	1	1	5.07
RT. STA. 2464+65.00	1	1	1	5.07
RT. STA. 2494+59.00	1	1	1	5.07
LT. STA. 2495+40.00	1	1	1	5.07
RT. STA. 2500+06.00	1	1	1	5.07
LT. STA. 2500+86.00	1	1	1	5.07
TOTAL:	12	12	12	61

NOTE: STATIONS ARE APPROXIMATE

CLASS D PATCH - 14 IN					
PATCHING UNIT	LOCATION		TYPE II	TYPE III	TYPE IV
			SQ YD	SQ YD	SQ YD
1	STA. 395+69.00	TO STA. 436+40.00	451.11	37.33	186.67
2	STA. 436+40.00	TO STA. 531+44.00	214.67	49.78	
3	STA. 531+44.00	TO STA. 571+04.00	121.33		
4	STA. 571+04.00	TO STA. 625+42.00	74.67		
5	STA. 625+42.00	TO STA. 678+22.00	46.67		
6	STA. 678+22.00	TO STA. 731+02.00	140.00		
7	STA. 731+02.00	TO STA. 738+15.60 BK	102.67		
	STA. 2386+15.80 AH	TO STA. 2427+60.00			
8	STA. 2427+60.00	TO STA. 2506+81.00	140.00	15.56	
9	STA. 2506+81.00	TO STA. 2546+24.00	62.22		
10	STA. 2546+24.00	TO STA. 2599+00.00	74.67		
11	STA. 2599+00.00	TO STA. 2638+70.00	140.00		
12	STA. 2638+70.00	TO STA. 2691+60.00	140.00		
13	STA. 2691+60.00	TO STA. 2704+30.00 BK	46.67		
	STA. 70+00.00 AH	TO STA. 117+77.91 BK			31.11
14	STA. 745+26.71 AH	TO STA. 798+20.00	823.33	33.78	137.78
15	STA. 798+20.00	TO STA. 851+20.00	308.00		
SUB-TOTAL			2,886.01	136.45	355.56
TOTAL			2,886	136	356

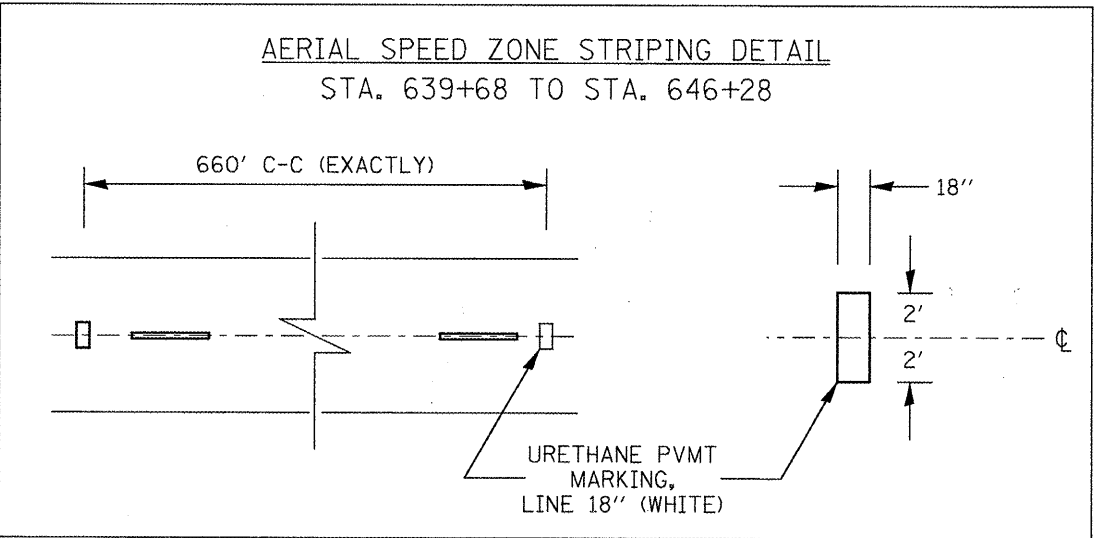


PAVEMENT MARKING LEGEND

- ① LINE 4" (WHITE)
- ② LINE 4" (YELLOW)
- ③ LINE 4" (DOUBLE YELLOW)
- ④ LINE 6" (WHITE)
- ⑤ LINE 8" (WHITE)
- ⑥ LINE 12" (CHEVRON & DIAGONAL WHITE)
- ⑦ LINE 12" (CHEVRON & DIAGONAL YELLOW)
- ⑧ LINE 24" (STOP BAR)
- ⑨ LETTERS AND SYMBOLS

RAISED REFLECTIVE PAVEMENT MARKERS

- ◄ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER



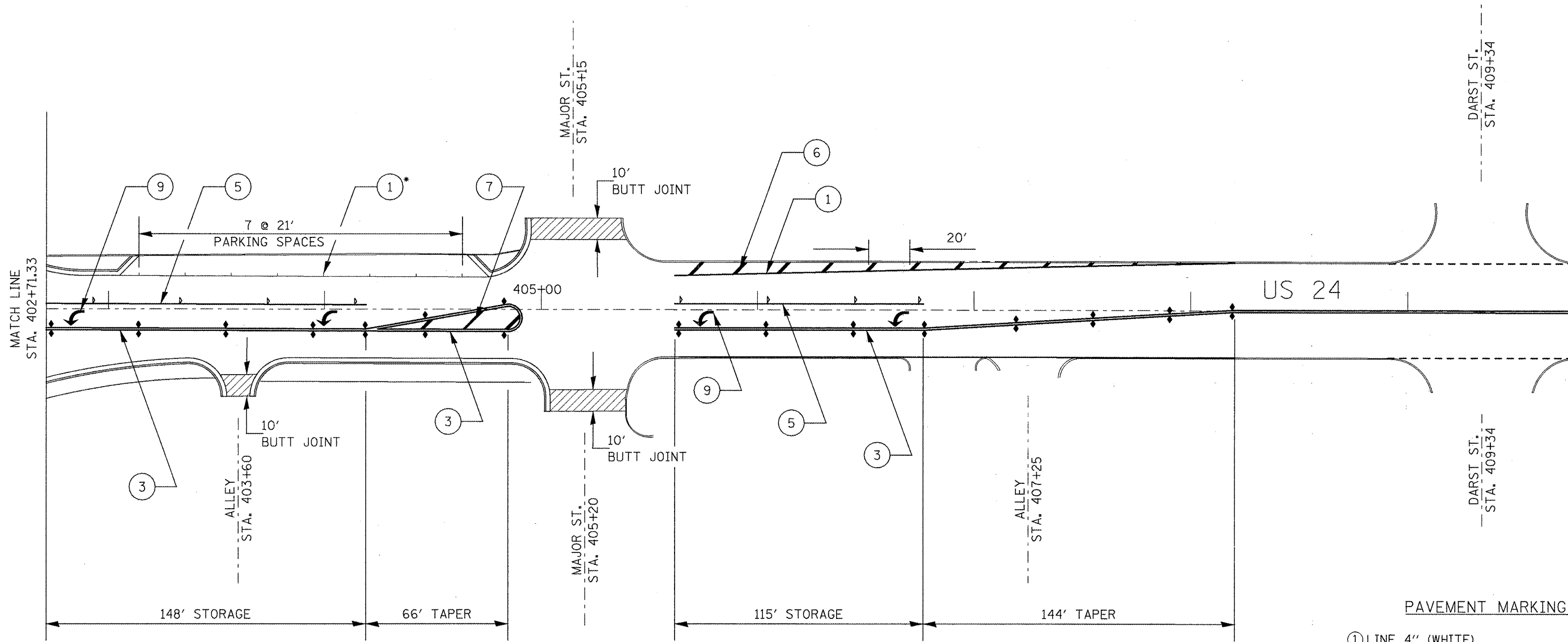
FILE NAME = 68570 - Phase 11.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
US 24 AND IL 117**

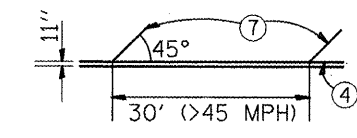
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 395+69.00 TO STA. 402+71.33

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	22
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① LINE 4" (WHITE)
- ② LINE 4" (YELLOW)
- ③ LINE 4" (DOUBLE YELLOW)
- ④ LINE 6" (WHITE)
- ⑤ LINE 8" (WHITE)
- ⑥ LINE 12" (CHEVRON & DIAGONAL WHITE)
- ⑦ LINE 12" (CHEVRON & DIAGONAL YELLOW)
- ⑧ LINE 24" (STOP BAR)
- ⑨ LETTERS AND SYMBOLS



RAISED REFLECTIVE PAVEMENT MARKERS

- ◄ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

*PARKING SPACE MARKING - LINE 4"

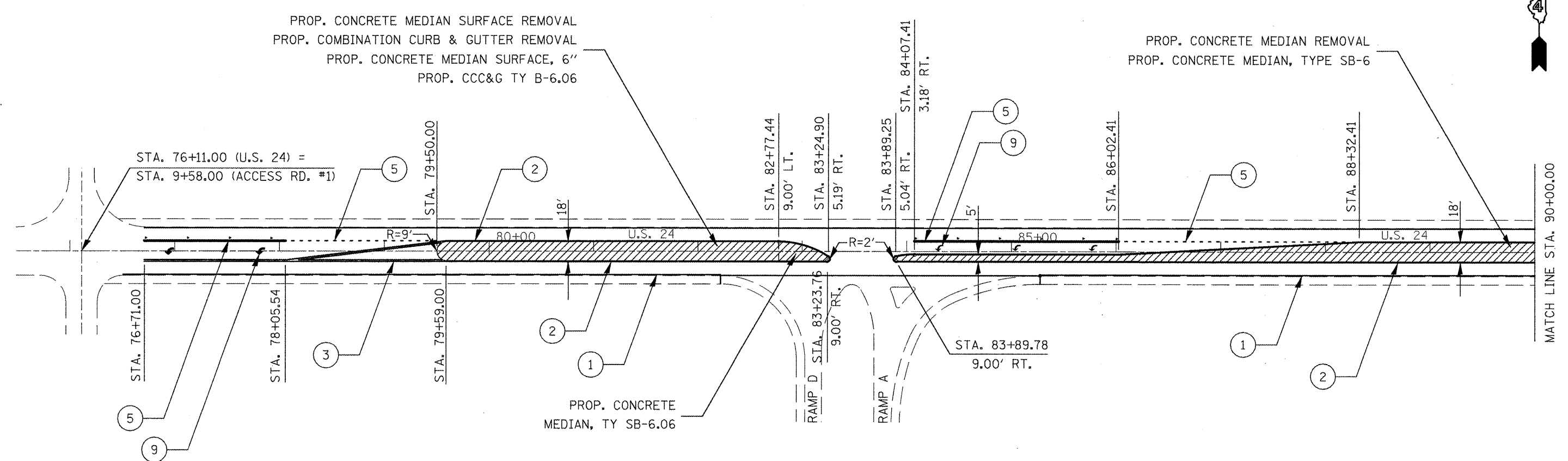
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 100.0000' / IN.			
PLOT DATE = 2/1/2010			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

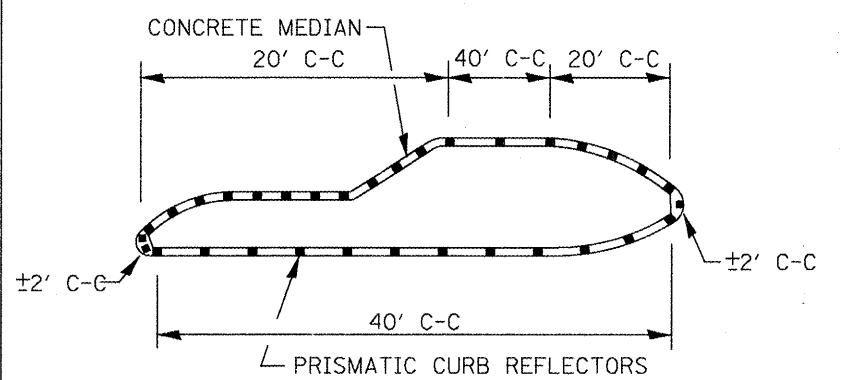
INTERSECTION DETAIL
US 24 AND IL 117

SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS STA. 412+71.33 TO STA. 409+34.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2x(30,39)RS-3x(32,33)RS-4	WOODFORD	41	23
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				



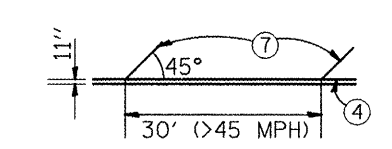
**PRISMATIC CURB REFLECTORS
AT CONCRETE MEDIANS**



1. PRISMATIC REFLECTORS SHALL BE BI-DIRECTIONAL.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE AMBER IN COLOR.

PAVEMENT MARKING LEGEND

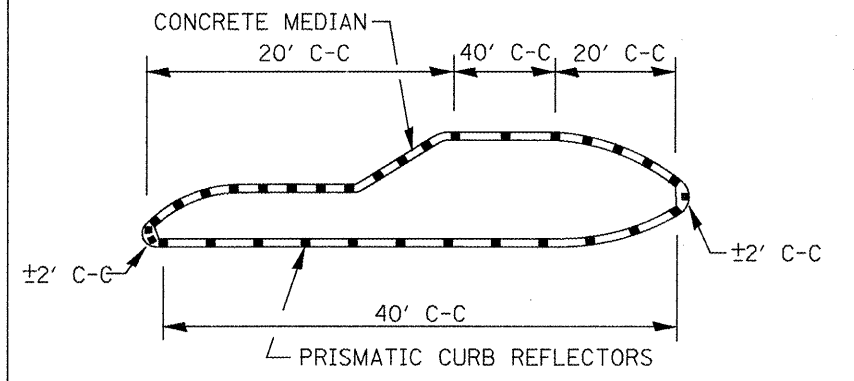
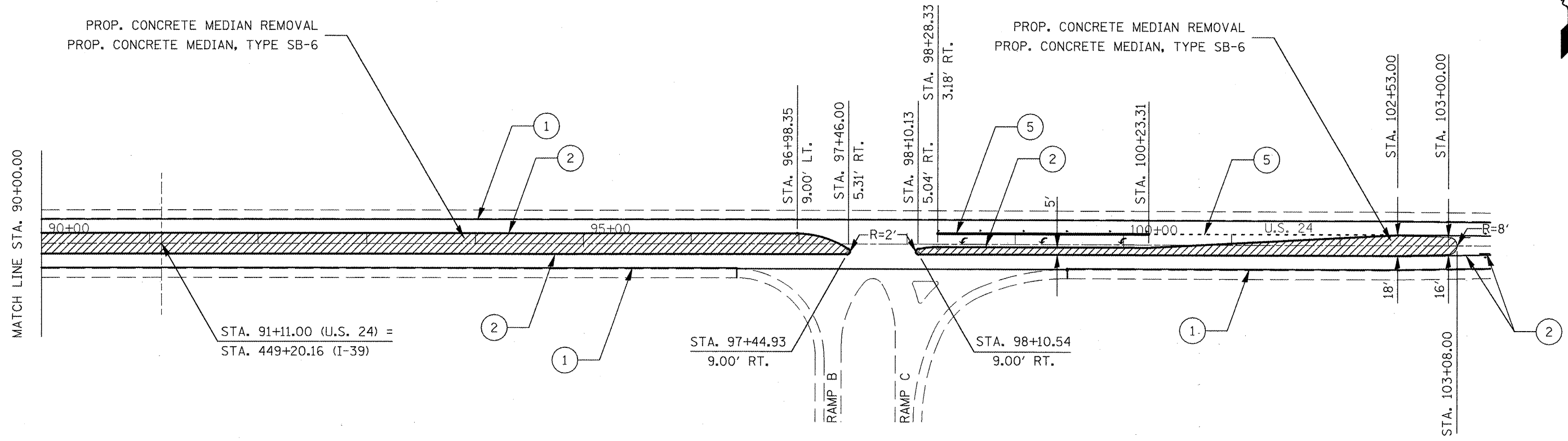
- ① LINE 4" (WHITE)
- ② LINE 4" (YELLOW)
- ③ LINE 4" (DOUBLE YELLOW)
- ④ LINE 6" (WHITE)
- ⑤ LINE 8" (WHITE)
- ⑥ LINE 12" (CHEVRON & DIAGONAL WHITE)
- ⑦ LINE 12" (CHEVRON & DIAGONAL YELLOW)
- ⑧ LINE 24" (STOP BAR)
- ⑨ LETTERS AND SYMBOLS



**RAISED REFLECTIVE
PAVEMENT MARKERS**

- ◄ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

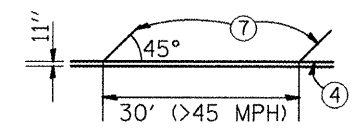
FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND CONCRETE MEDIAN DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -			317	31RS-2/30,39RS-3/32,33RS-4	WOODFORD	41	24
	PLOT DATE = 2/1/2018	CHECKED -	REVISED -			CONTRACT NO. 68570				
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: 1" = 100'	SHEET NO. 1 OF 2 SHEETS		STA. 76+00.00 TO STA. 90+00.00		



1. PRISMATIC REFLECTORS SHALL BE BI-DIRECTIONAL.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE AMBER IN COLOR.

PAVEMENT MARKING LEGEND

- ① LINE 4" (WHITE)
- ② LINE 4" (YELLOW)
- ③ LINE 4" (DOUBLE YELLOW)
- ④ LINE 6" (WHITE)
- ⑤ LINE 8" (WHITE)
- ⑥ LINE 12" (CHEVRON & DIAGONAL WHITE)
- ⑦ LINE 12" (CHEVRON & DIAGONAL YELLOW)
- ⑧ LINE 24" (STOP BAR)
- ⑨ LETTERS AND SYMBOLS



**RAISED REFLECTIVE
PAVEMENT MARKERS**

- ◄ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

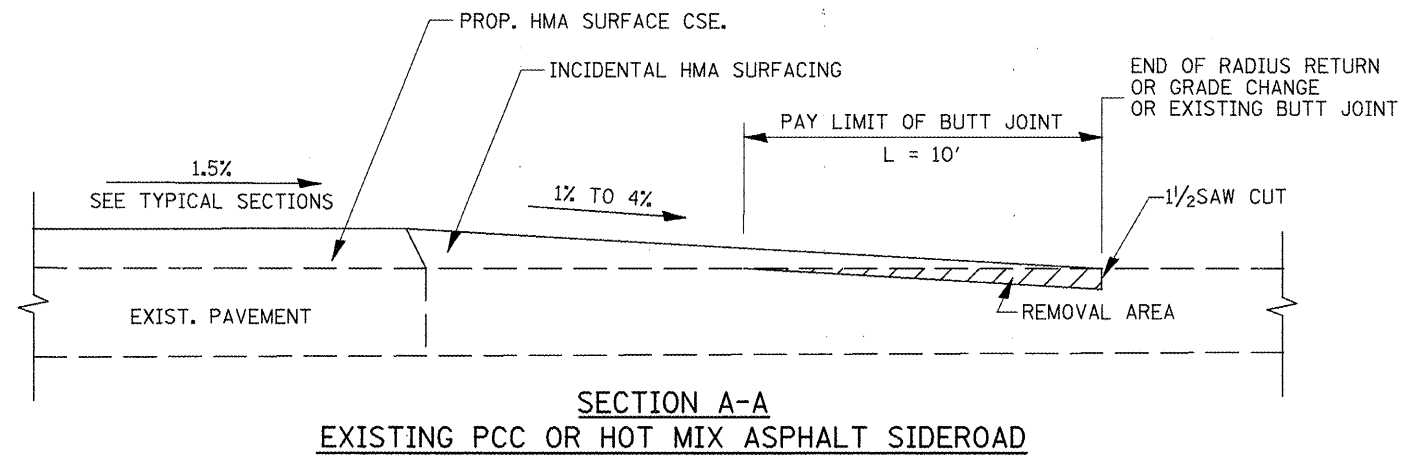
FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

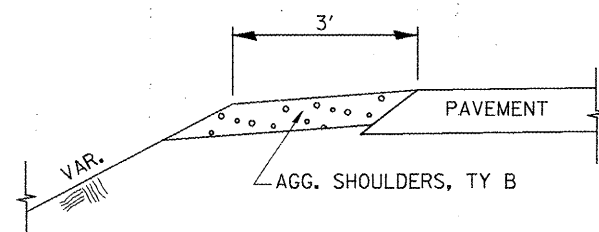
**PAVEMENT MARKING AND
CONCRETE MEDIAN DETAIL**

SCALE: 1" = 100' SHEET NO. 2 OF 2 SHEETS STA. 90+00.00 TO STA. 103+38.50

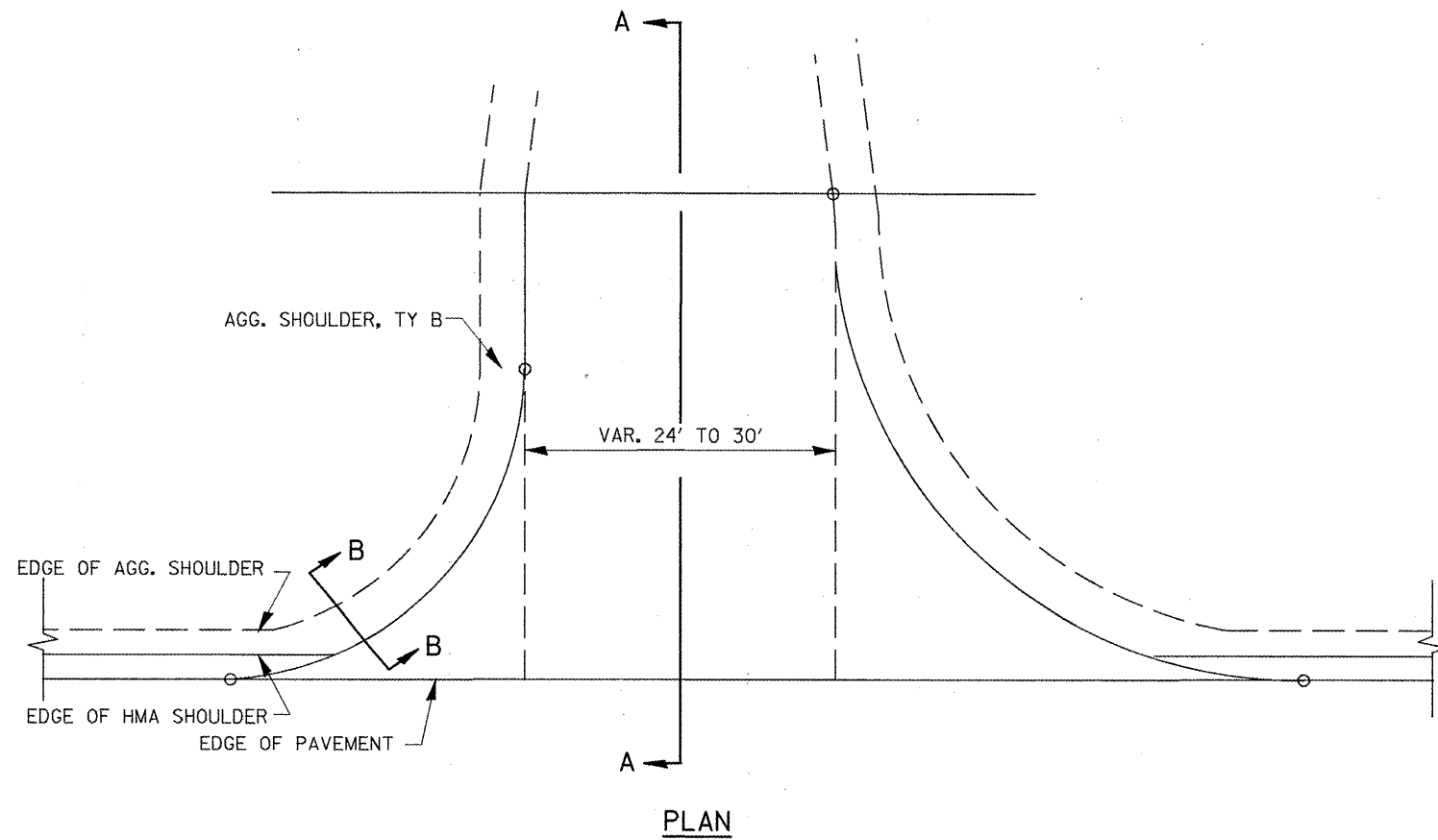
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	25
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				



SECTION A-A
EXISTING PCC OR HOT MIX ASPHALT SIDEROAD



SECTION B-B
SIDEROAD SHOULDER TREATMENT



PLAN

FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/1/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD TREATMENT DETAIL

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	26
CONTRACT NO. 68570				
ILLINOIS FED. AID PROJECT				

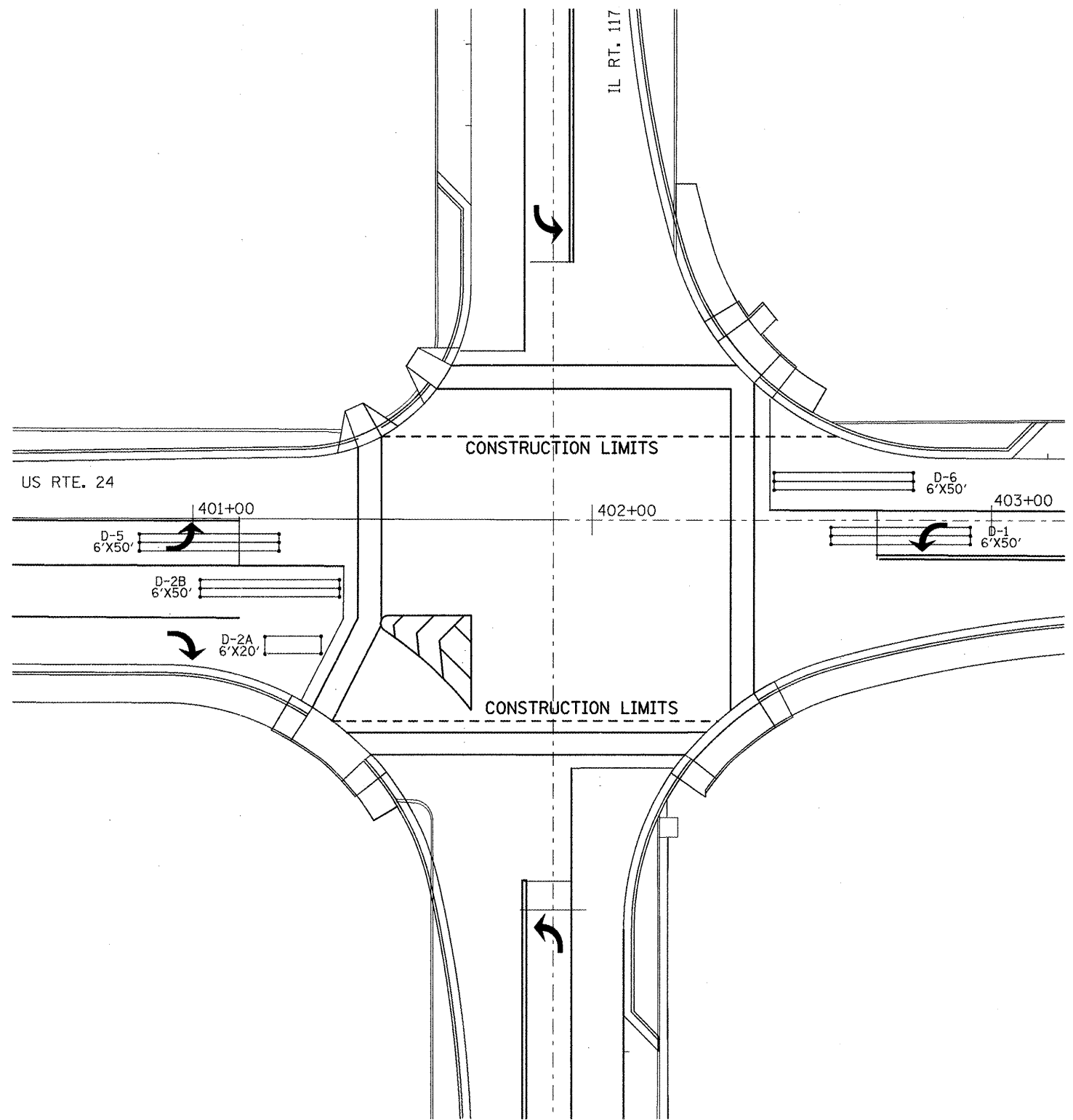
DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE				
US 24 & IL 117				
DETECTOR LOOP	TYPE	DETECTOOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-1	6' X 50' QUAD	162	20	1
D-2A	6' X 20'	24	10	2
D-2B	6' X 50' QUAD	24	20	2
D-5	6' X 50' QUAD	162	20	5
D-6	6' X 50' QUAD	162	10	6
TOTAL:		534	80	



SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY.
DETECTOR LOOP, TYPE I	FOOT	614.0

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES
1. DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3. ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS.
4. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
6. EACH DETECTOR LOOP SHALL HAVE A SEPARATE LEAD-IN SLOT (ONLY ONE PAIR OF LEAD-IN CABLES PER SLOT).
7. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.

CONSTRUCTION NOTES
1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL 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, PRIOR TO PERFORMING ANY WORK THE CONTRACTOR SHALL ALSO BE LIABLE FOR
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.



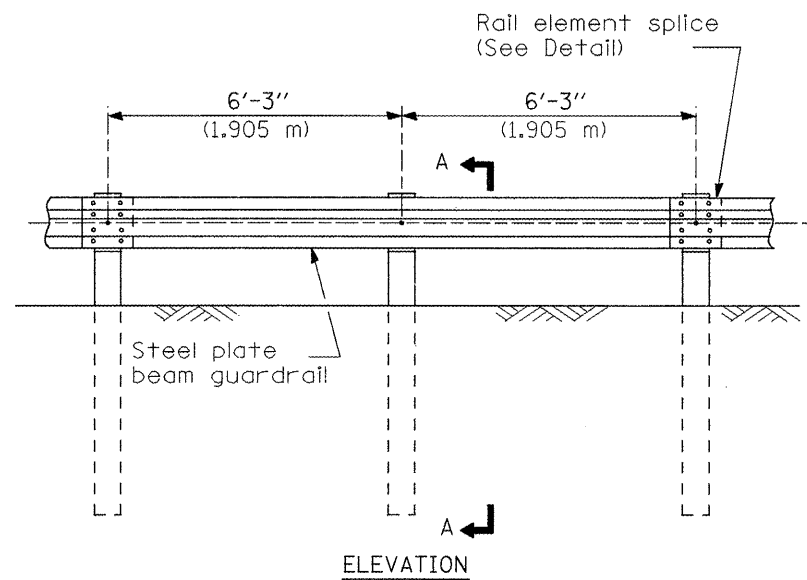
FILE NAME = 68570 - Phase II.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETECTOR LOOPS DETAIL
US RT. 24 & IL RT. 17**

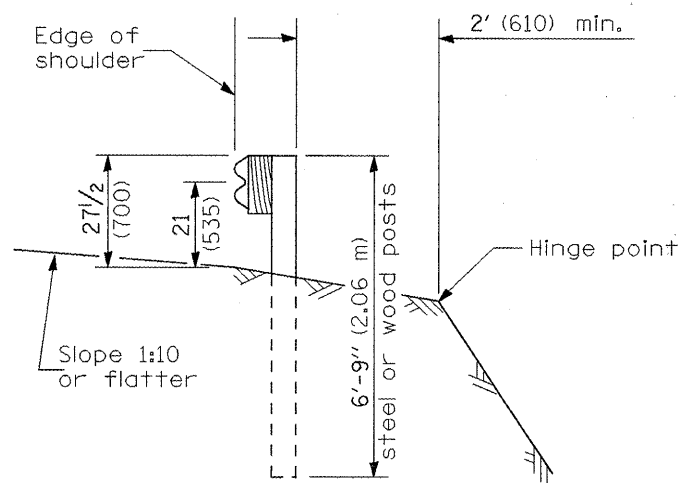
F.A.P. RTE. 317	SECTION 31RS-24(30,39)RS-34(32,33)RS-4	COUNTY WOODFORD	TOTAL SHEETS 41	SHEET NO. 27
CONTRACT NO. 68570			ILLINOIS FED. AID PROJECT	

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

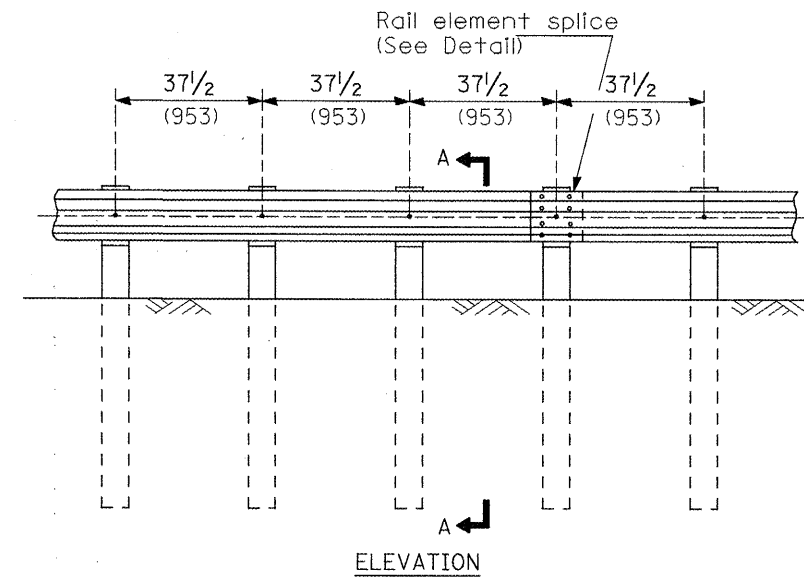


TYPE A

6'-3" (1.905 m) Typical post spacing

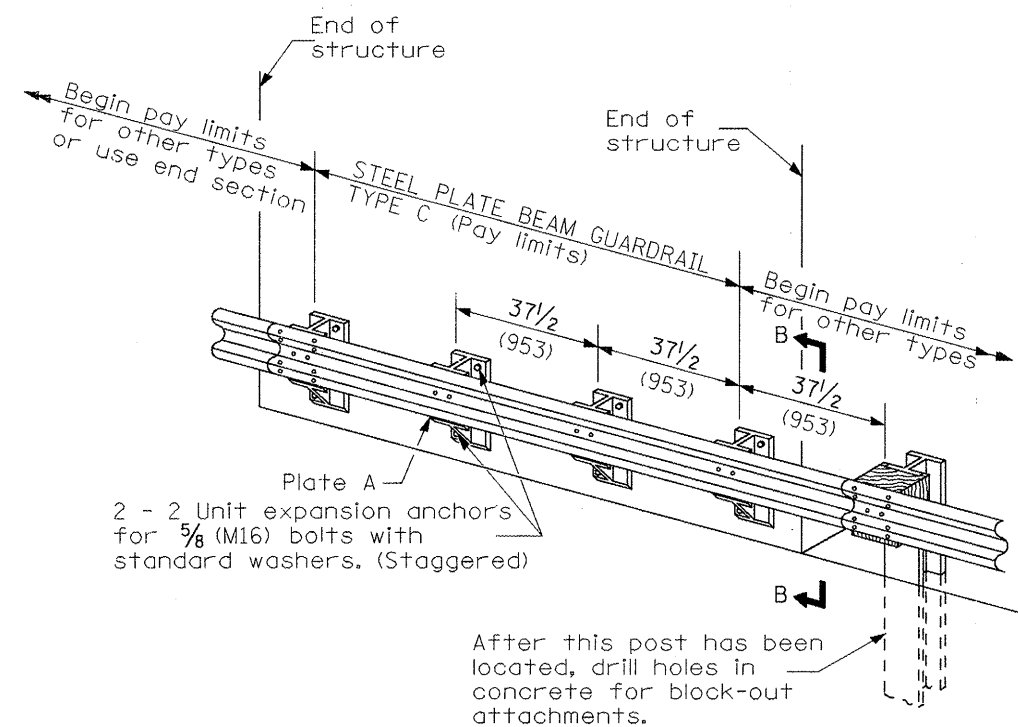


SECTION A-A



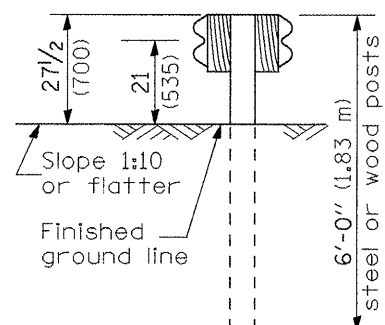
TYPE B

37 1/2 (953) Closed post spacing

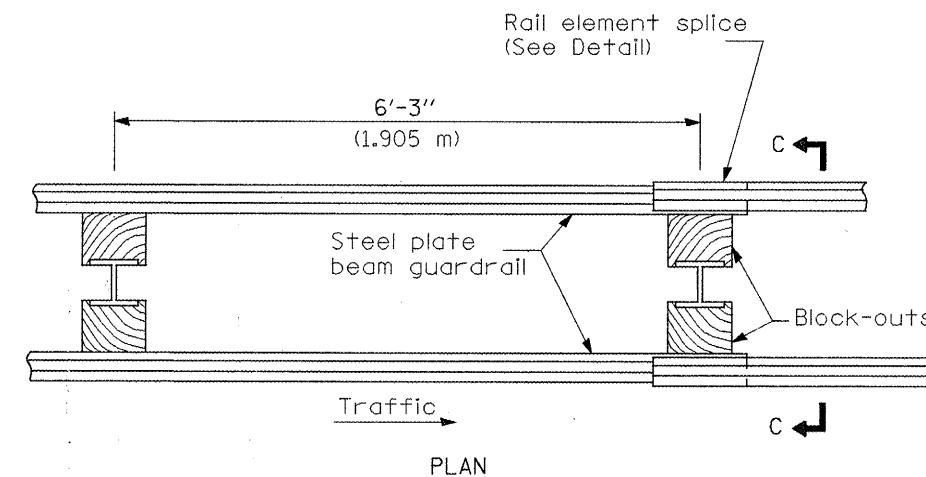


TYPE C

37 1/2 (953) Block-out spacing

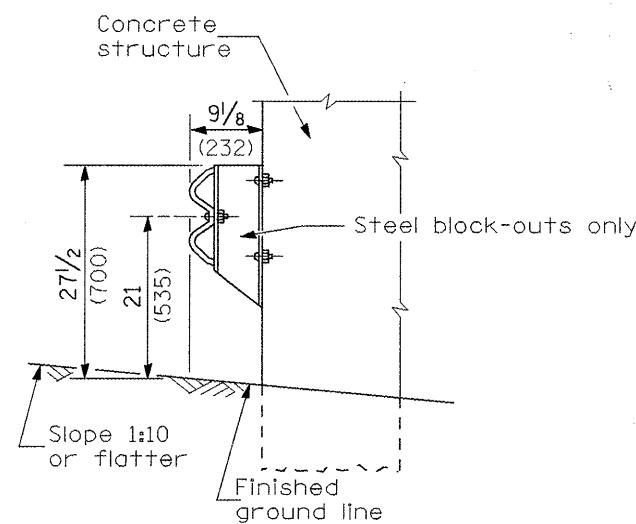


SECTION C-C



TYPE D

Double steel plate beam guardrail
6'-3" (1.905 m) typical post spacing



SECTION B-B

GENERAL NOTES

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

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

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

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

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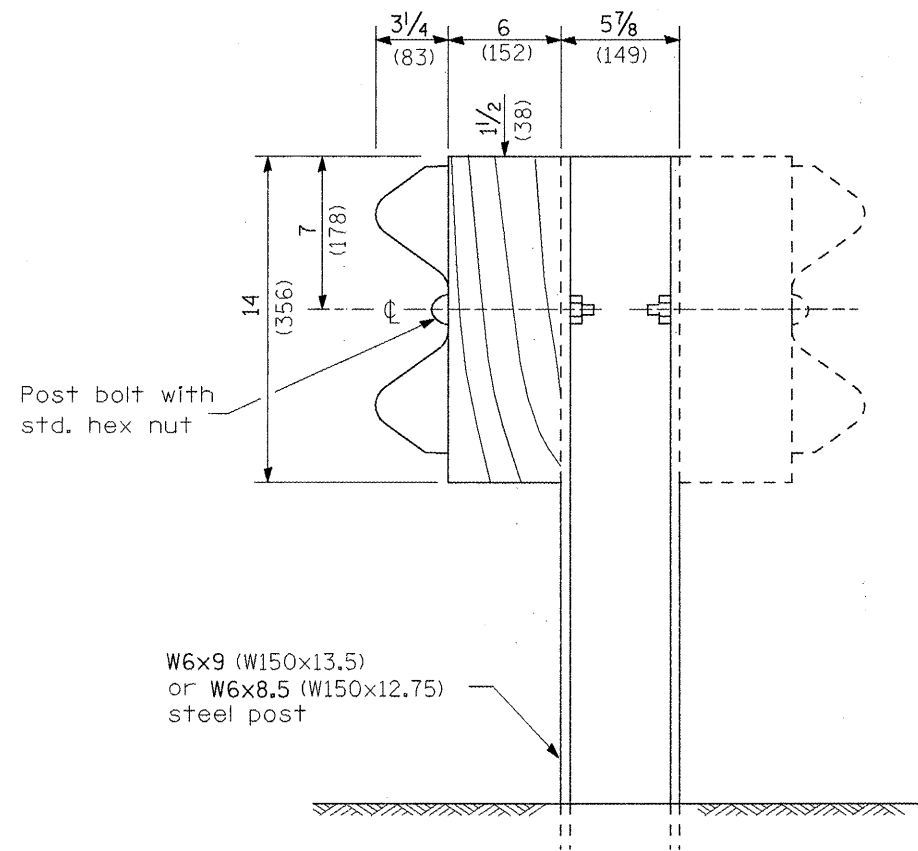
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL INSTALLATION DETAIL

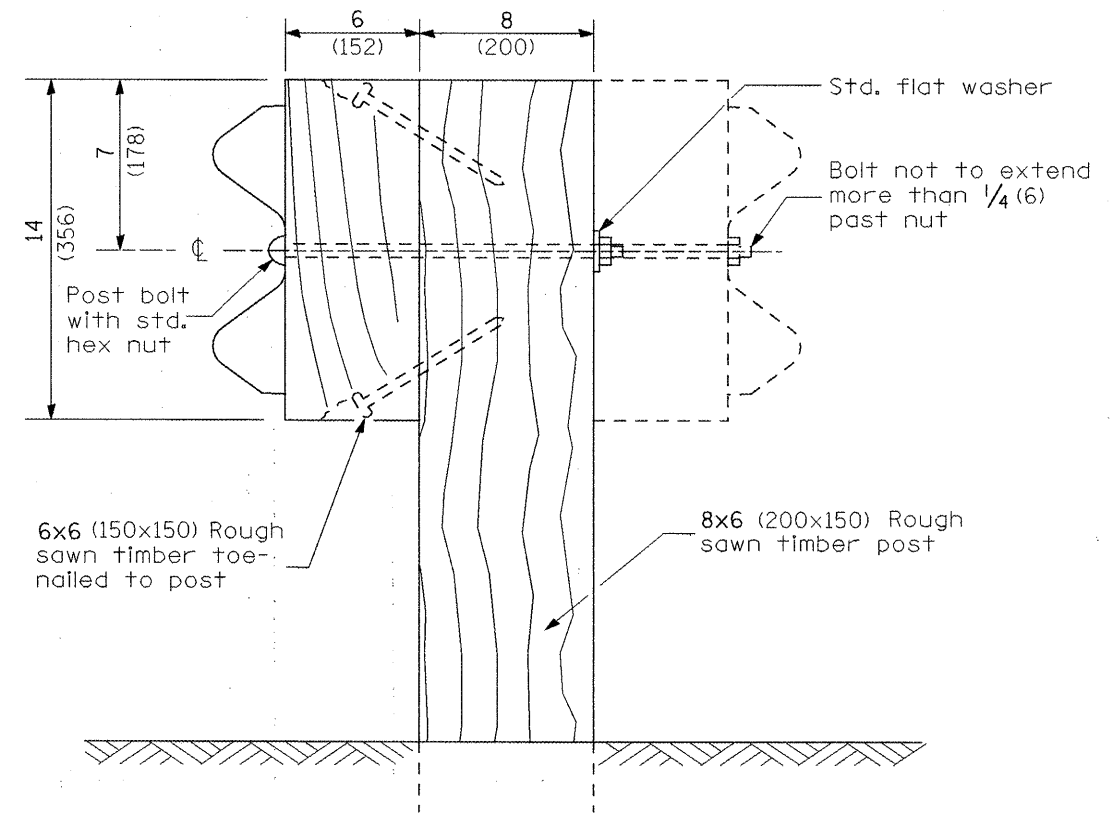
NOT TO SCALE

SHT. 1 OF 4

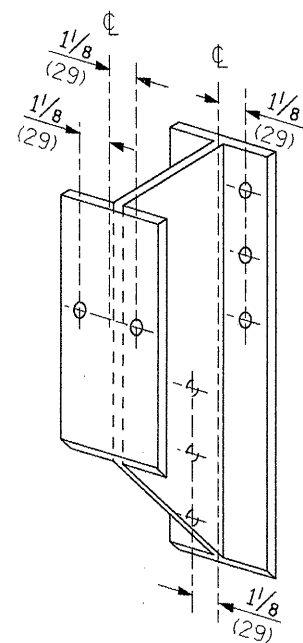
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	28
CONTRACT NO. 68570				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



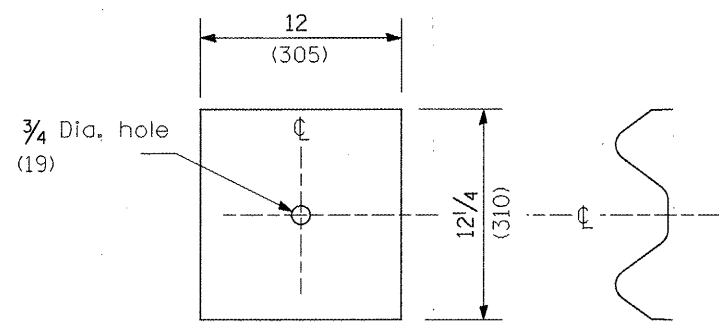
STEEL POST CONSTRUCTION



WOOD POST CONSTRUCTION



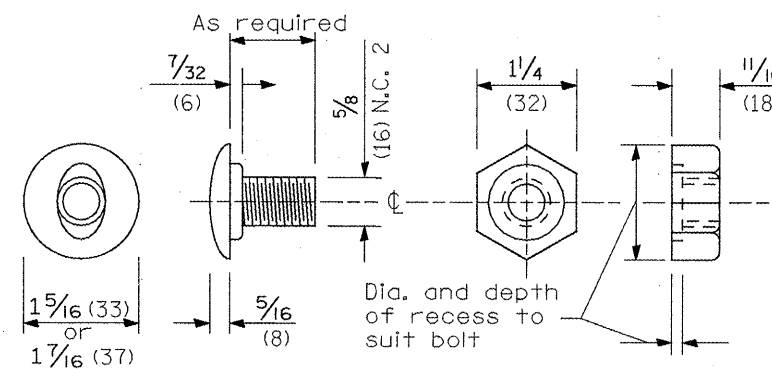
STEEL BLOCK-OUT DETAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

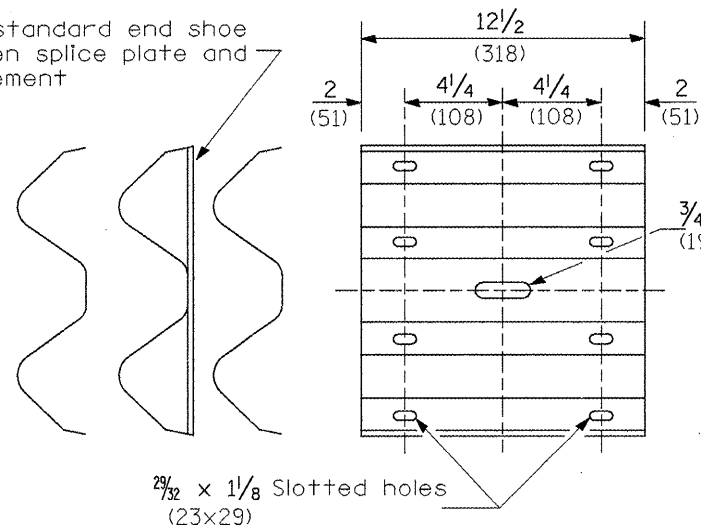
PLATE A



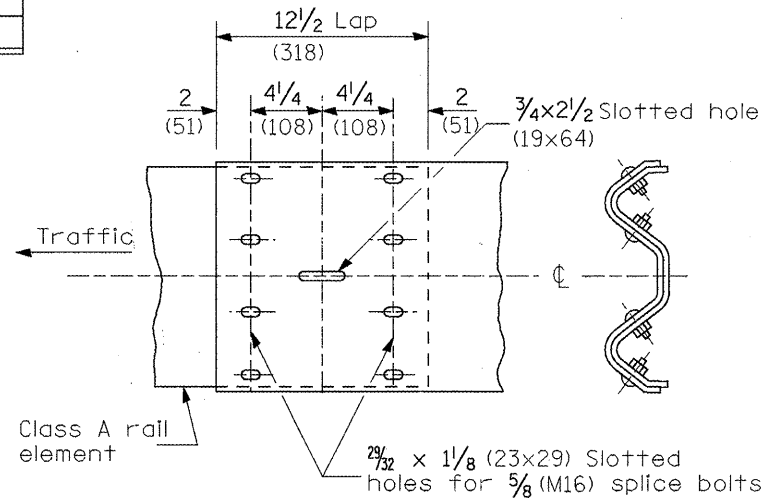
POST OR SPLICE BOLT & NUT

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

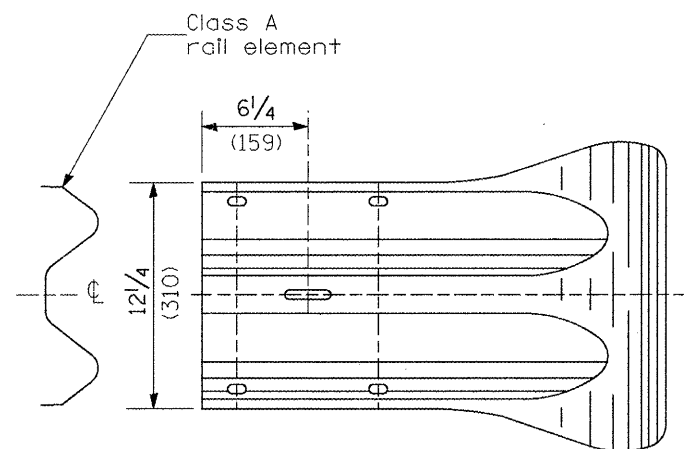
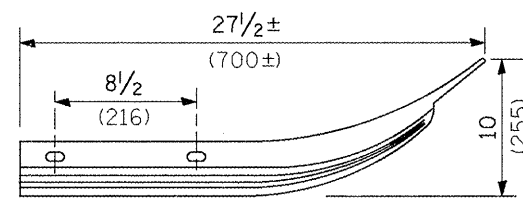
Place standard end shoe between splice plate and rail element



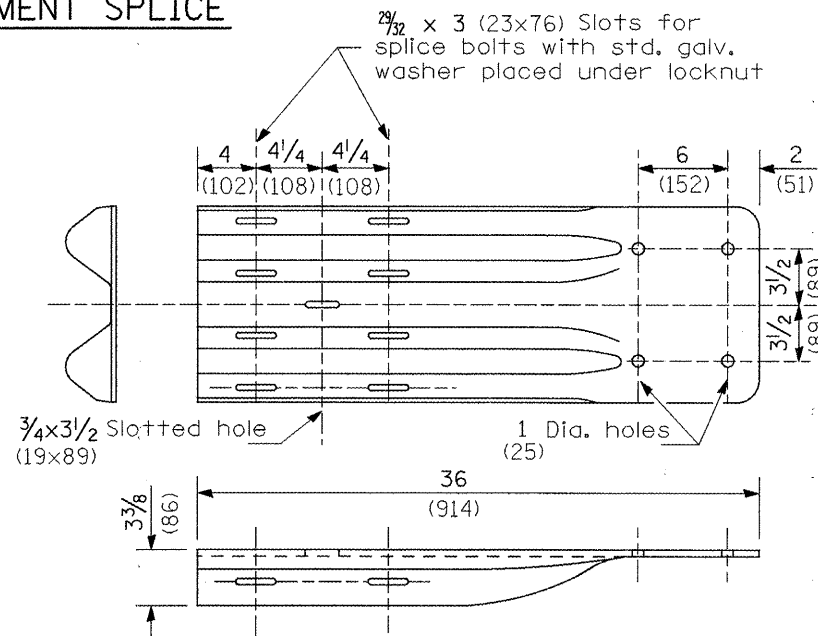
SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION



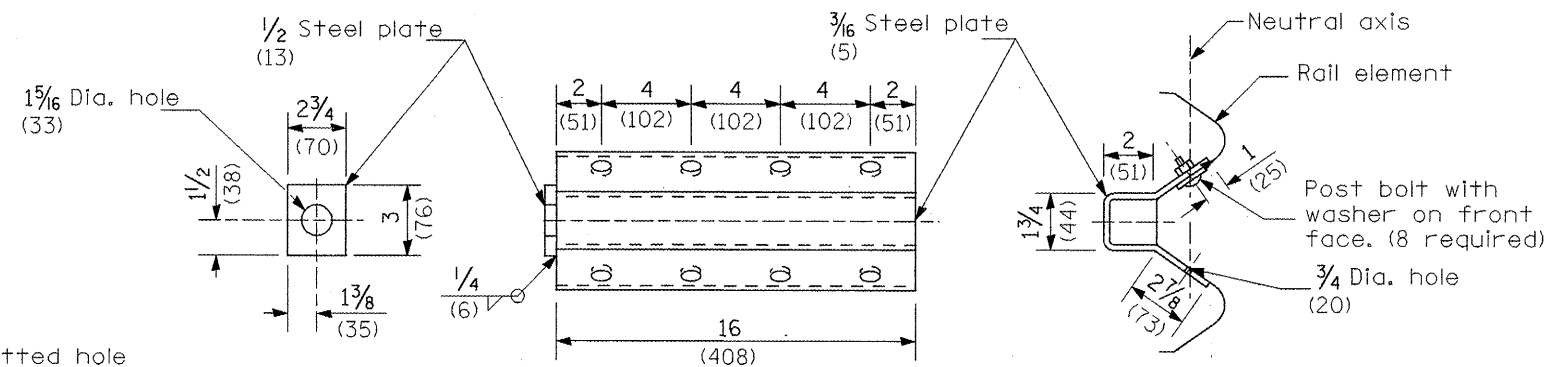
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

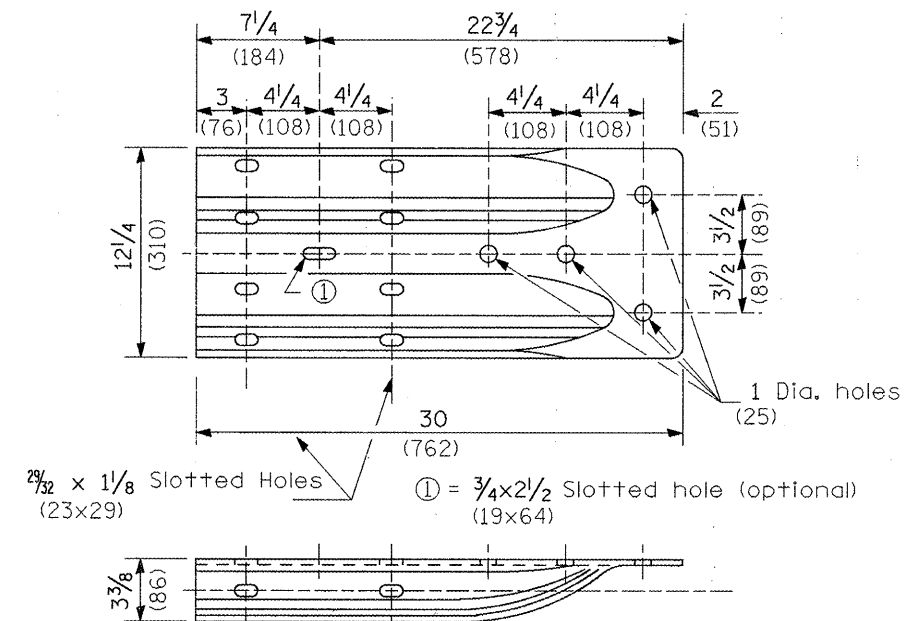
END SHOE



NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

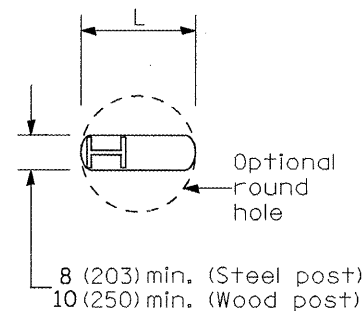
ANCHOR PLATE T DETAILS



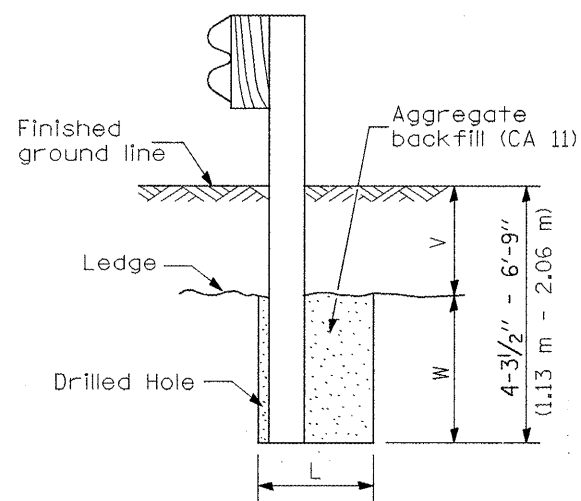
ALTERNATE END SHOE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2x(30,39)RS-3x(32,33)RS-4	WOODFORD	41	30
FED. ROAD DIST. NO.			CONTRACT NO. 68570	
FED. AID PROJECT				



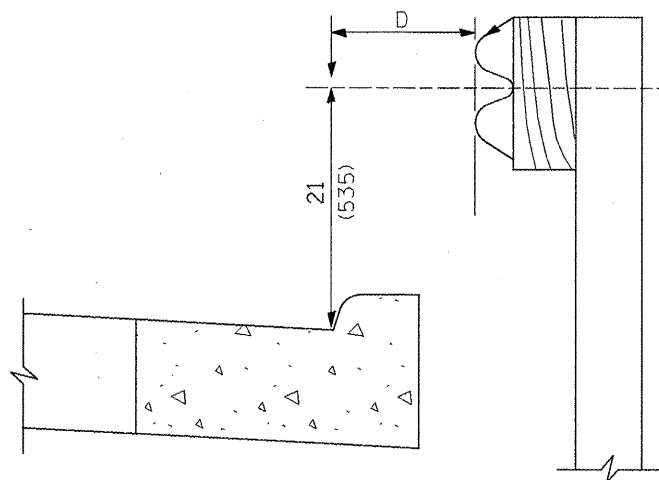
PLAN



Note:
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

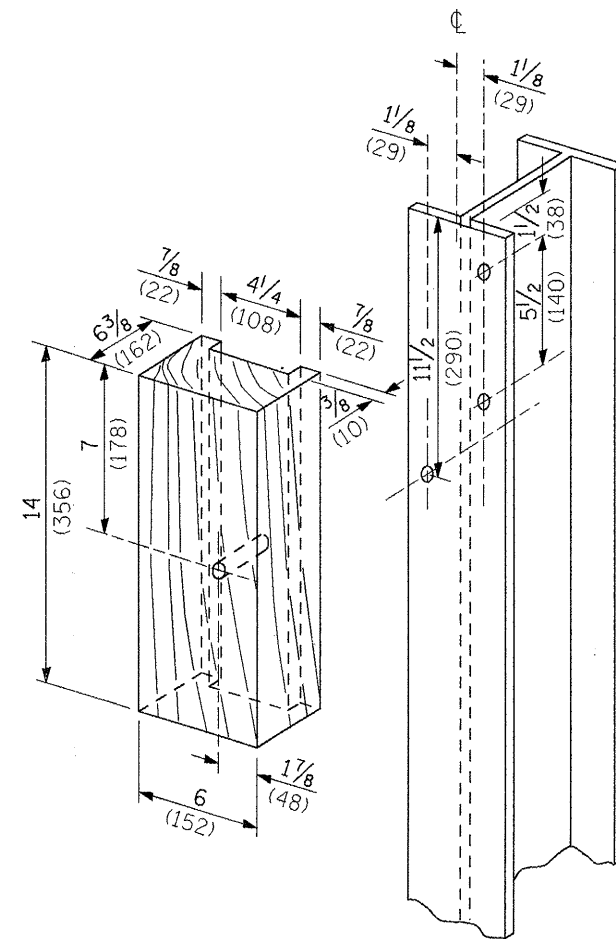


Note:
If it is necessary for D to be more than 12 (300) and less than 10'-0" (3.0 m) type M-2 (M-5) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

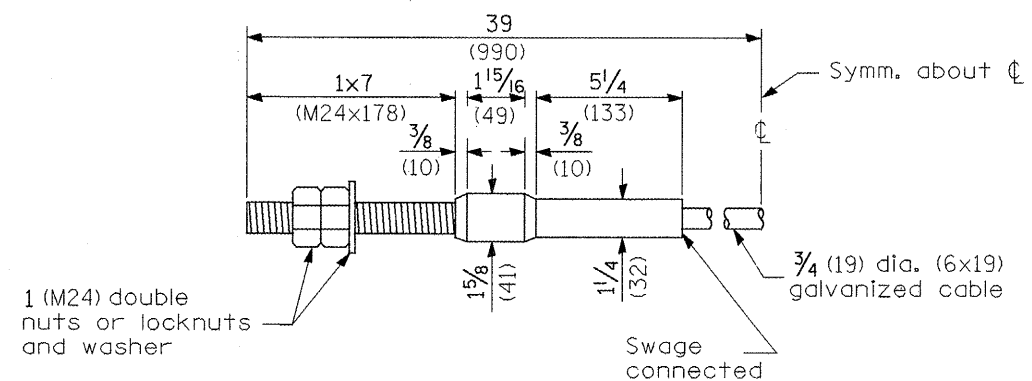
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 (300) maximum)

V	W	L	
		Steel Post	Wood Post
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (>460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (>825 - 1.13 m)	12 - 0 (305 - 0)	8 (203)	10 (250)



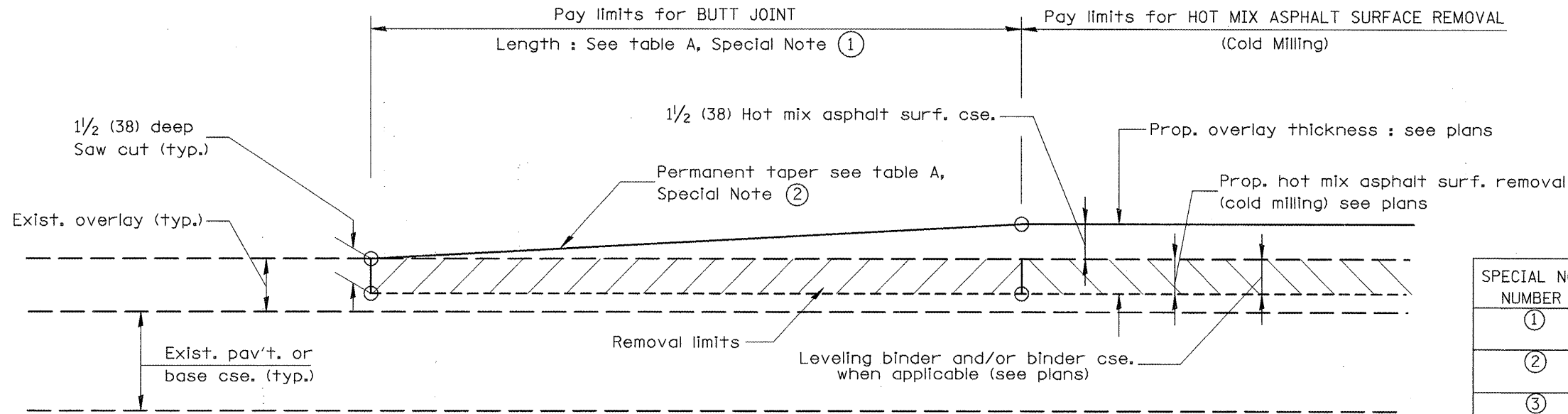
WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(18,100 kg (40,000 lbs.) min. breaking strength)
Tighten to taut tension.

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



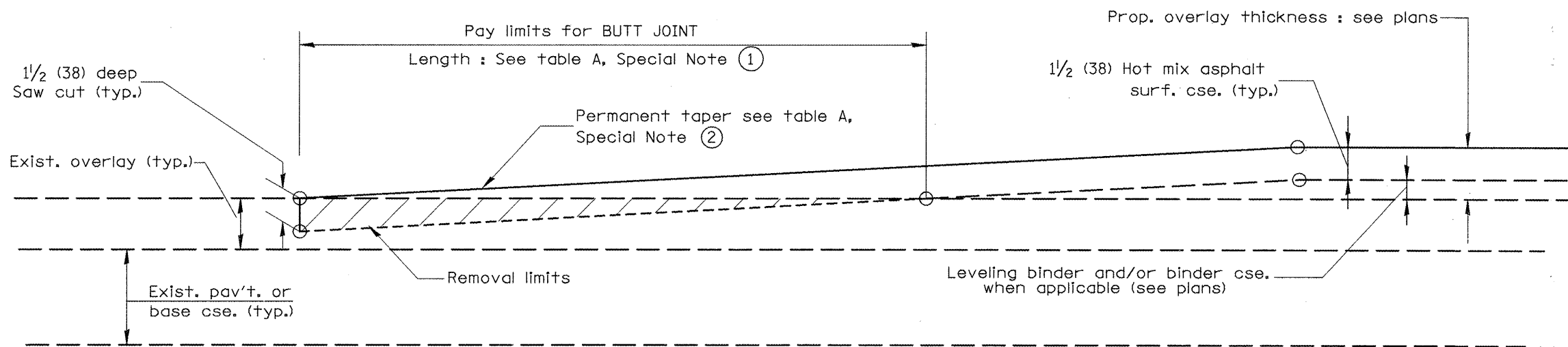
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.

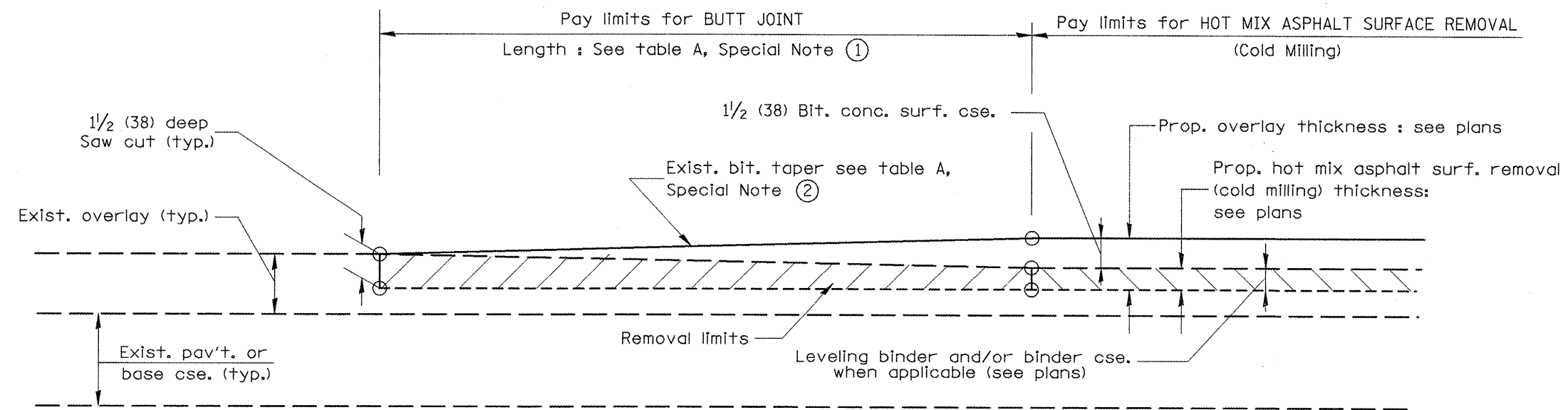
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

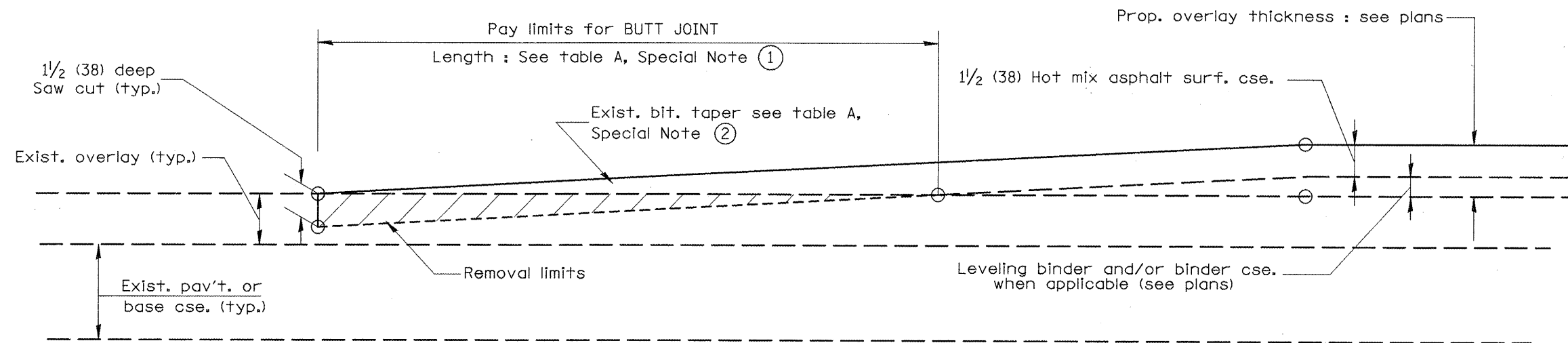
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

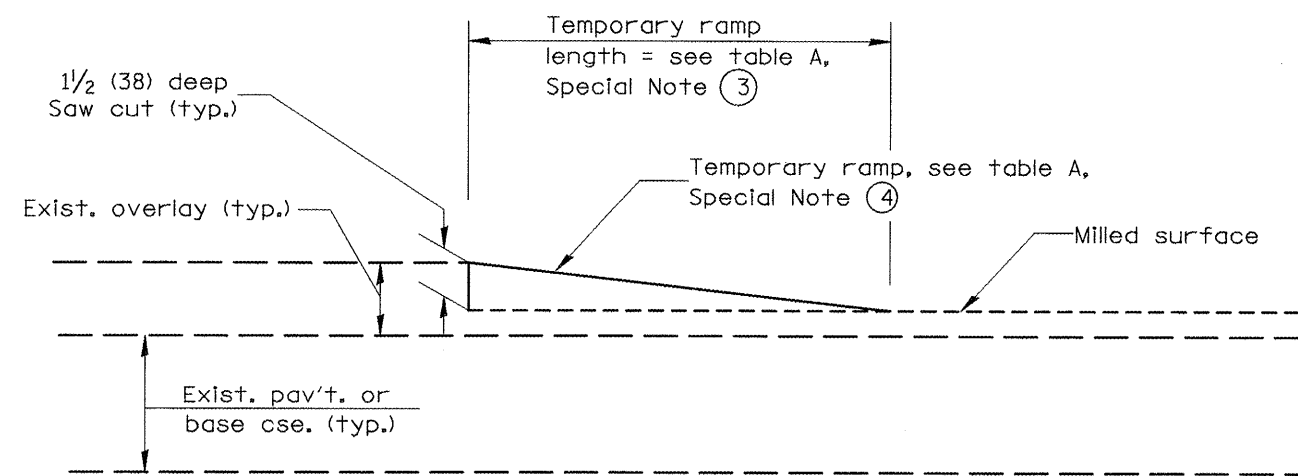
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	



**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

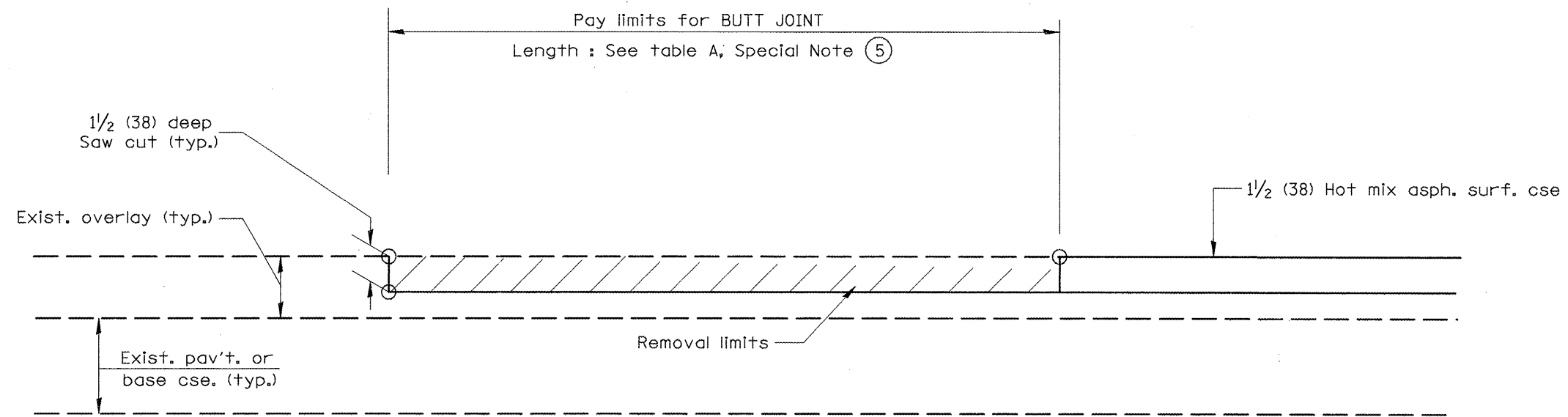
All dimensions are in inches (millimeters) unless otherwise noted.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS
SHT. 2 OF 3
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	



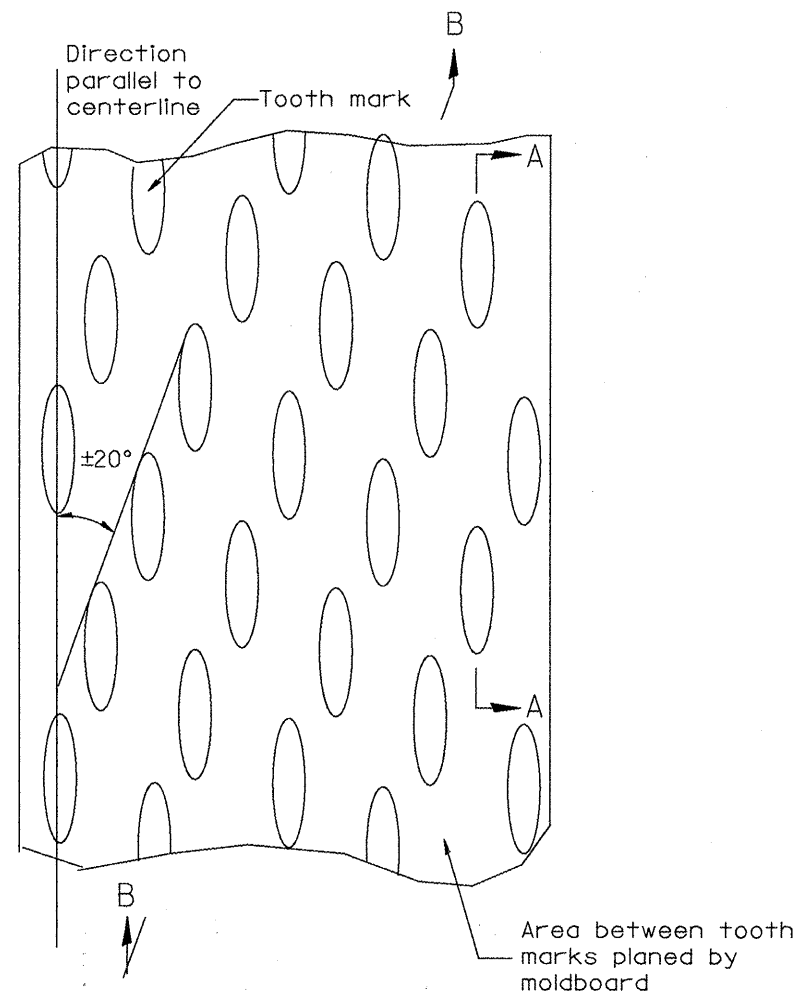
**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS
SHT. 3 OF 3
CADD STD. 406101-D4
NOT TO SCALE

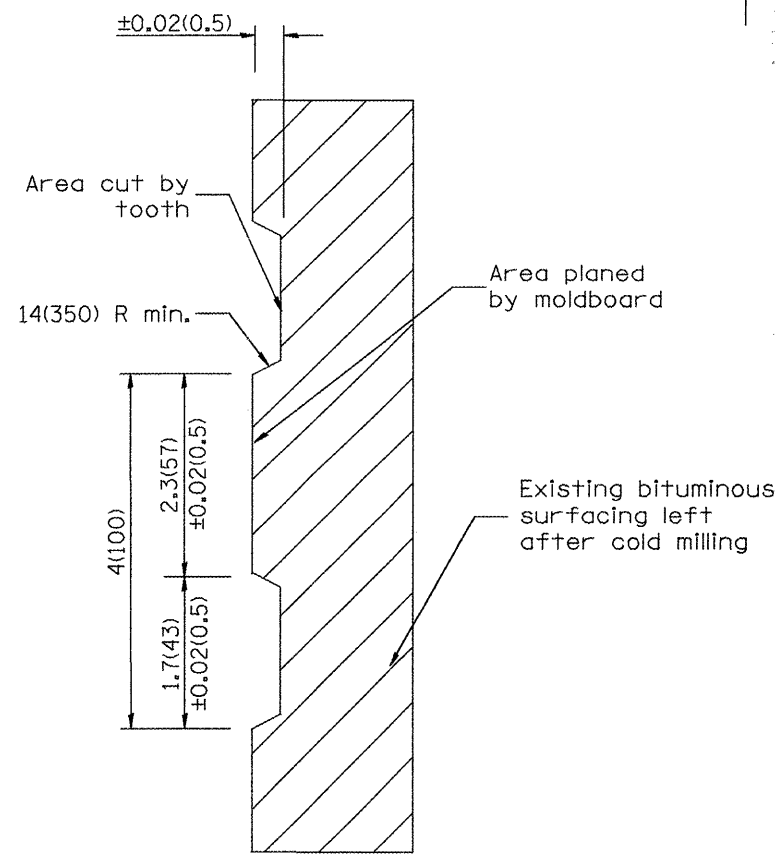
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39/RS-3+32,33/RS-4	WOODFORD	41	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	



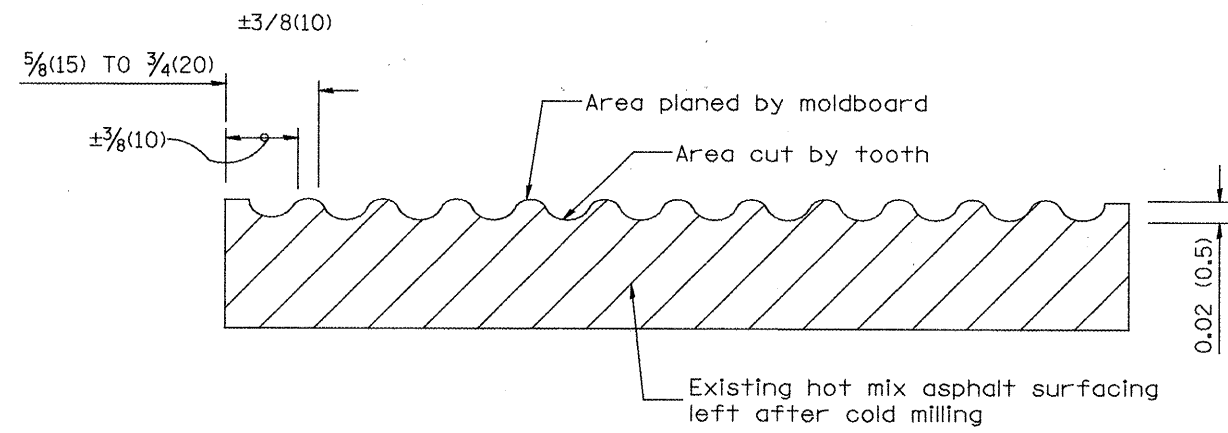
PLAN

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.

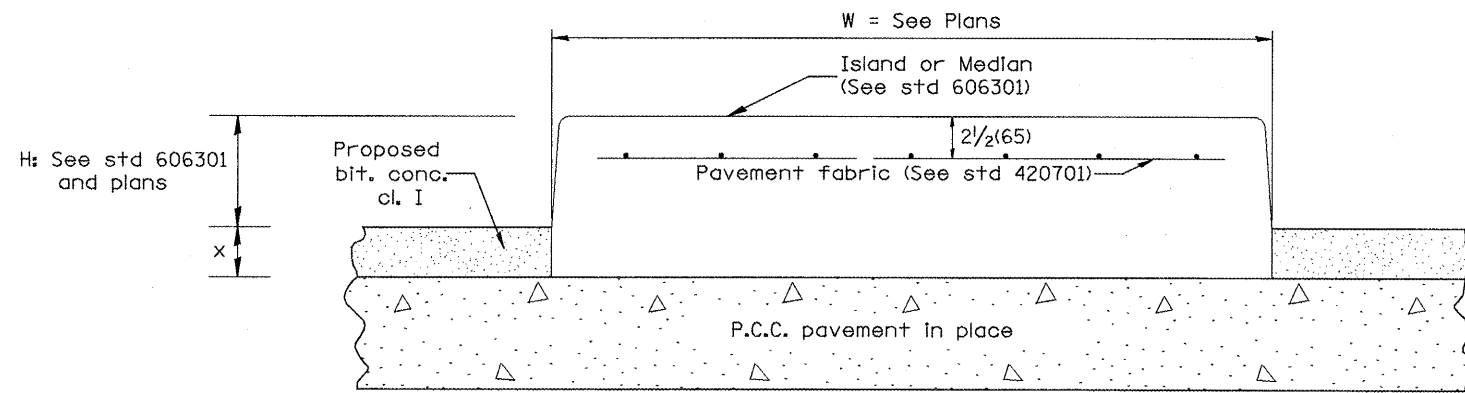
01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2x30,39IRS-3x32,33RS-4	WOODFORD	41	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	

CADD STD. 440001-D4



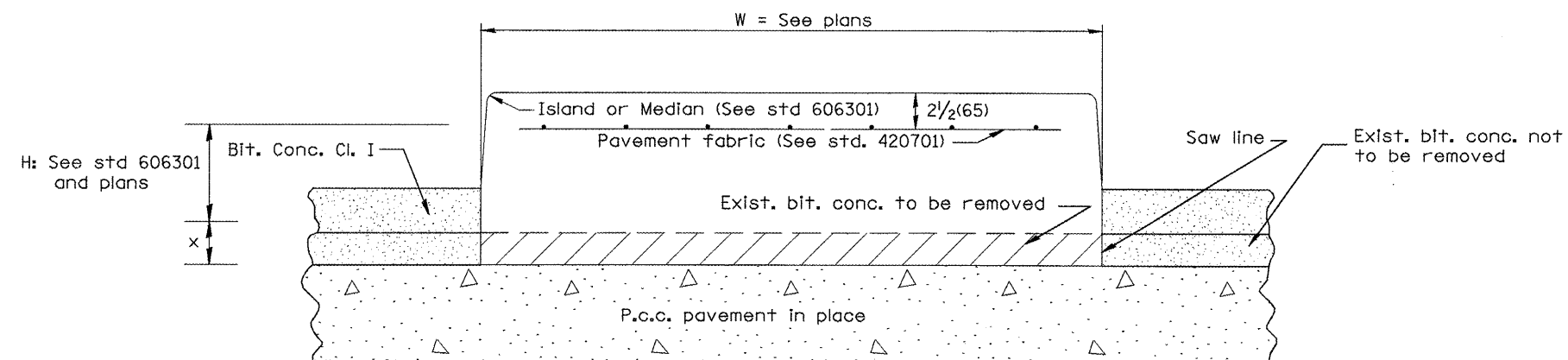
P.C.C. PAVEMENT

LEGEND

- X = thickness of proposed overlay (see plans)
- H = height of island or median (see std 606301 and plans)
- W = width of island or median (see plans)

GENERAL NOTES:

1. This work shall consist of constructing P.C. concrete Islands and medians of variable width as shown on the plans and in accordance to the applicable portions of section 606 of the Standard Specifications and Standard 606301.



PREVIOUSLY RESURFACED P.C.C. PAVEMENT

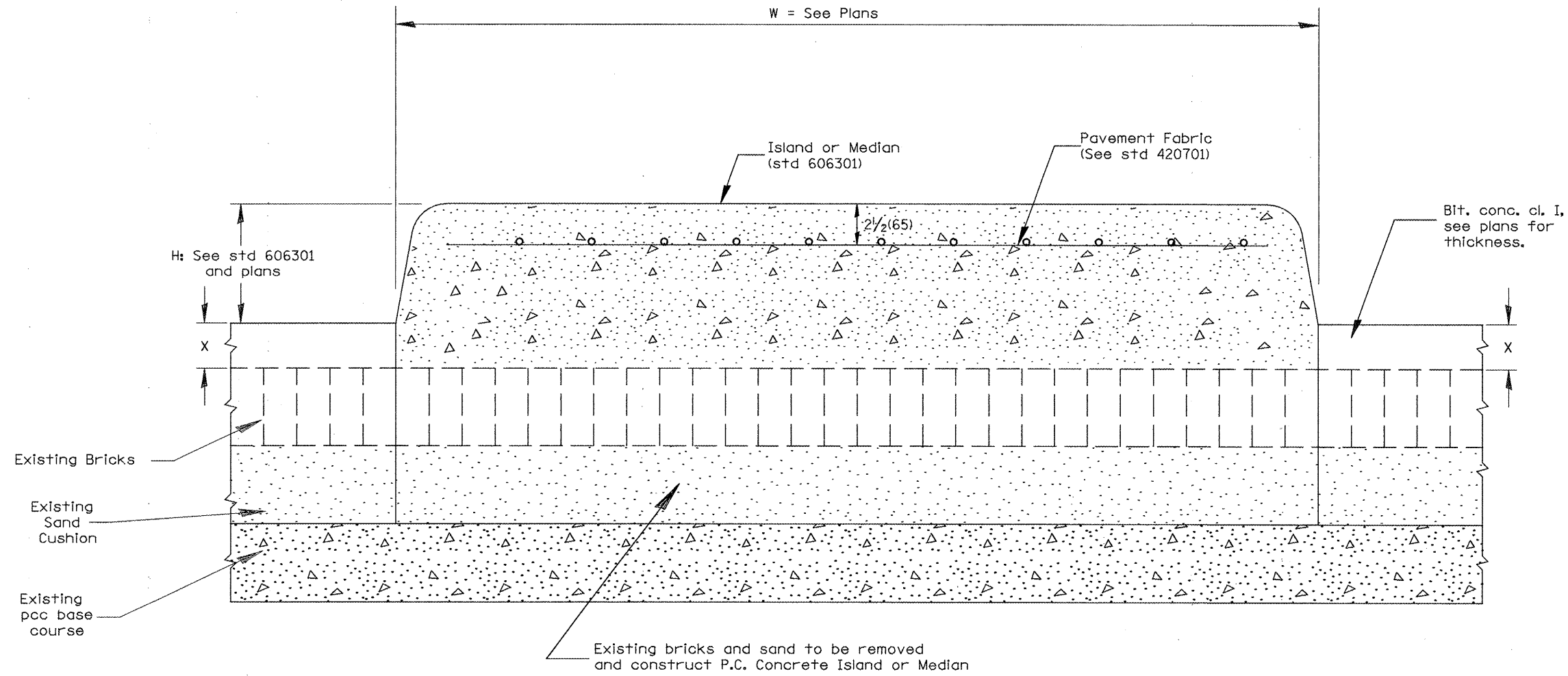
All dimensions are in Inches (millimeters) unless otherwise noted.

01-01-97	RENUM. A-7.05, & A-7.07, NEW REVISION BOX, NEW	T.P.
	FORMAT, REVISED TITLE BOX, REVISED NOTES	
10-16-06	REVISED TO 2007 SPEC.	M.A.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**P.C. CONCRETE ISLANDS AND MEDIANS
(CONSTRUCTED ON TOP OF EXISTING PAVEMENT)**
SHT. 1 OF 2
NOT TO SCALE
CADD STD. 606301-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	36
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68570	



BRICK PAVEMENT

LEGEND

X = thickness of proposed overlay (see plans)

H = height of Island or median
(see std 606301 and plans)

W = width of island or median
(see plans)

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

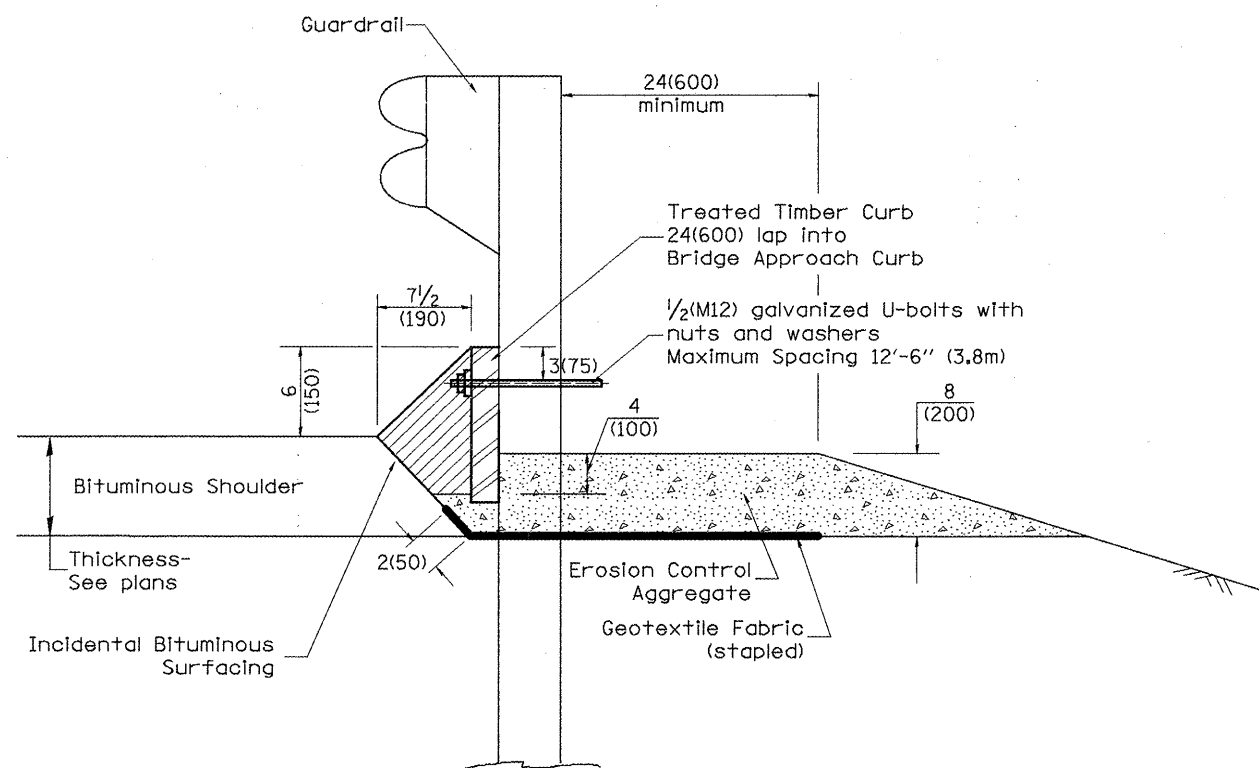
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**P.C. CONCRETE ISLANDS AND MEDIANS
(CONSTRUCTED ON TOP OF EXISTING PAVEMENT)**

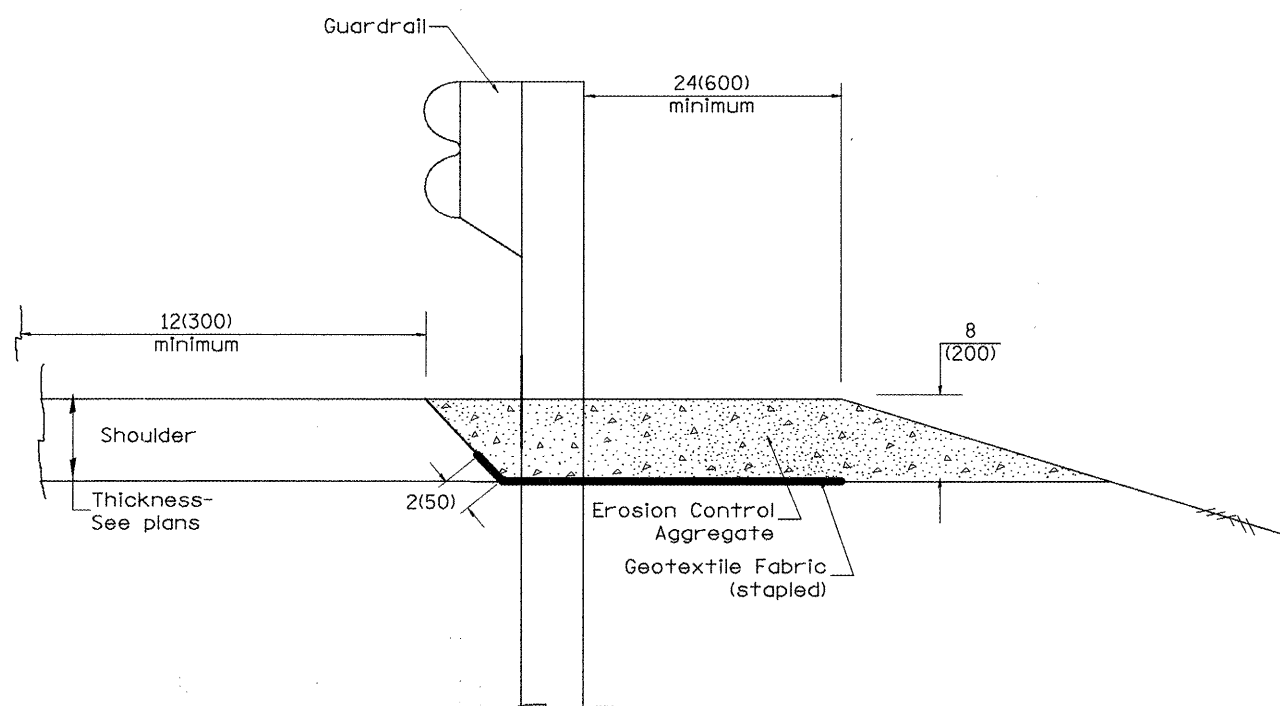
NOT TO SCALE

SHT. 2 OF 2
CADD STD. 606301-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2x30,39RS-3x32,33RS-4	WOODFORD	41	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	



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**

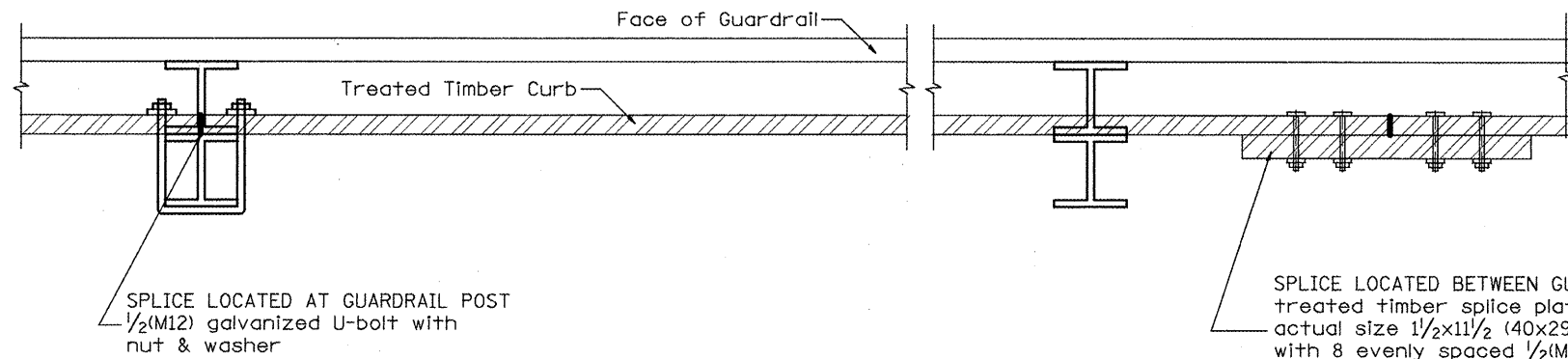
GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 630101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	38
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

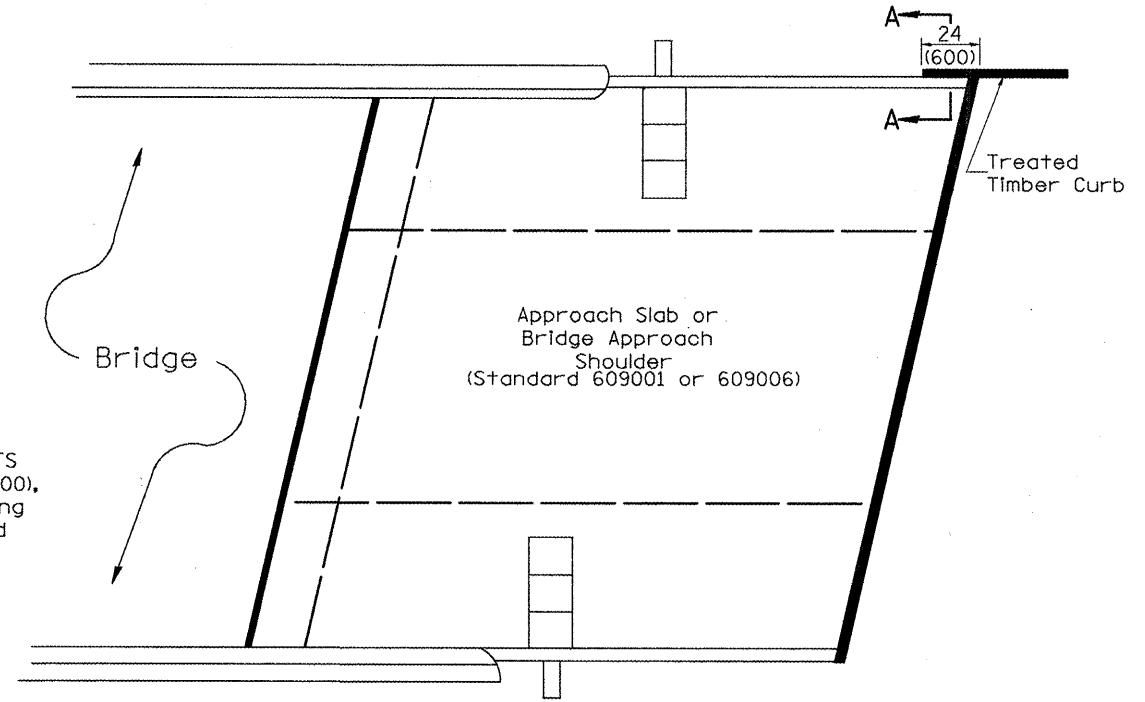
CONTRACT NO. 68570



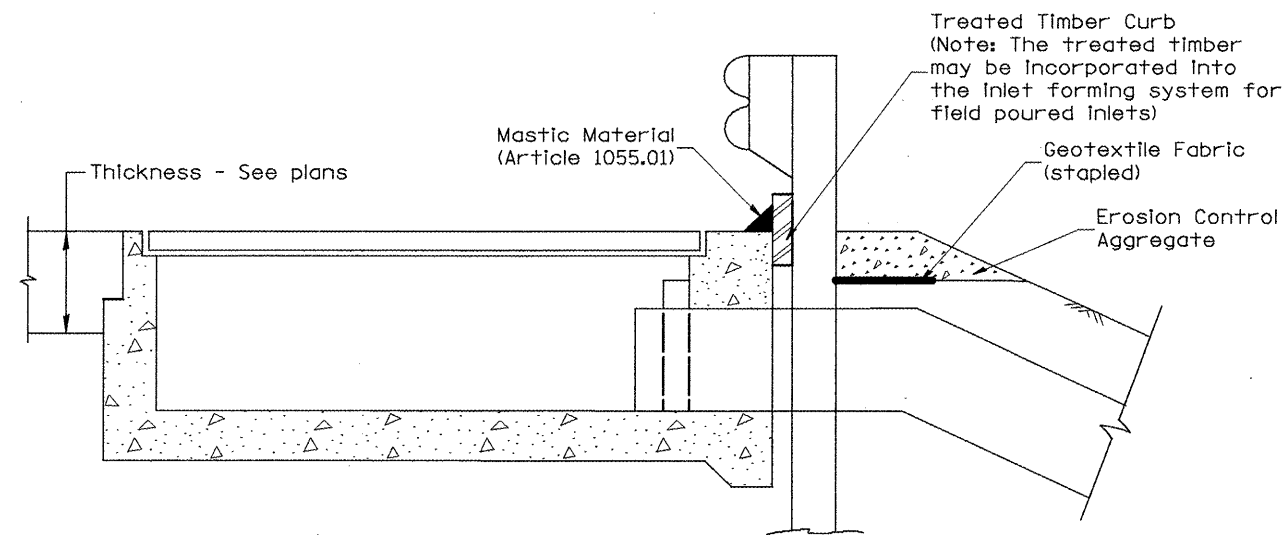
DETAIL A
(Typical Treated Timber Splices)

SPLICE LOCATED BETWEEN GUARDRAIL POSTS
treated timber splice plate 2x12 (50x300),
actual size 1 1/2x11 1/2 (40x290), 24(600) long
with 8 evenly spaced 1/2(M12) galvanized
bolts with nuts & washers.

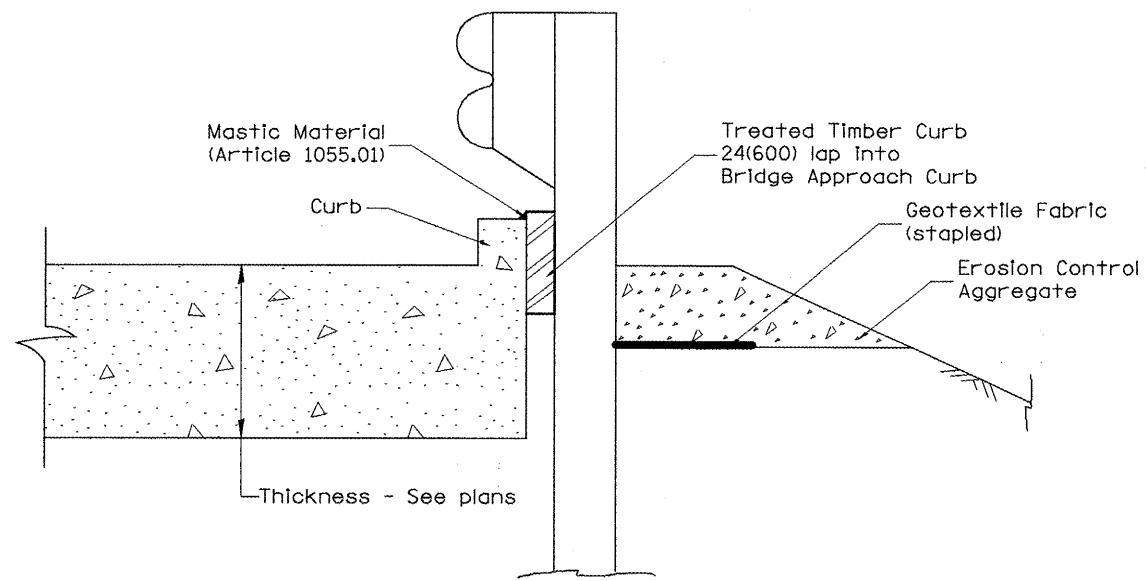
SPLICE LOCATED AT GUARDRAIL POST
1/2(M12) galvanized U-bolt with
nut & washer



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.

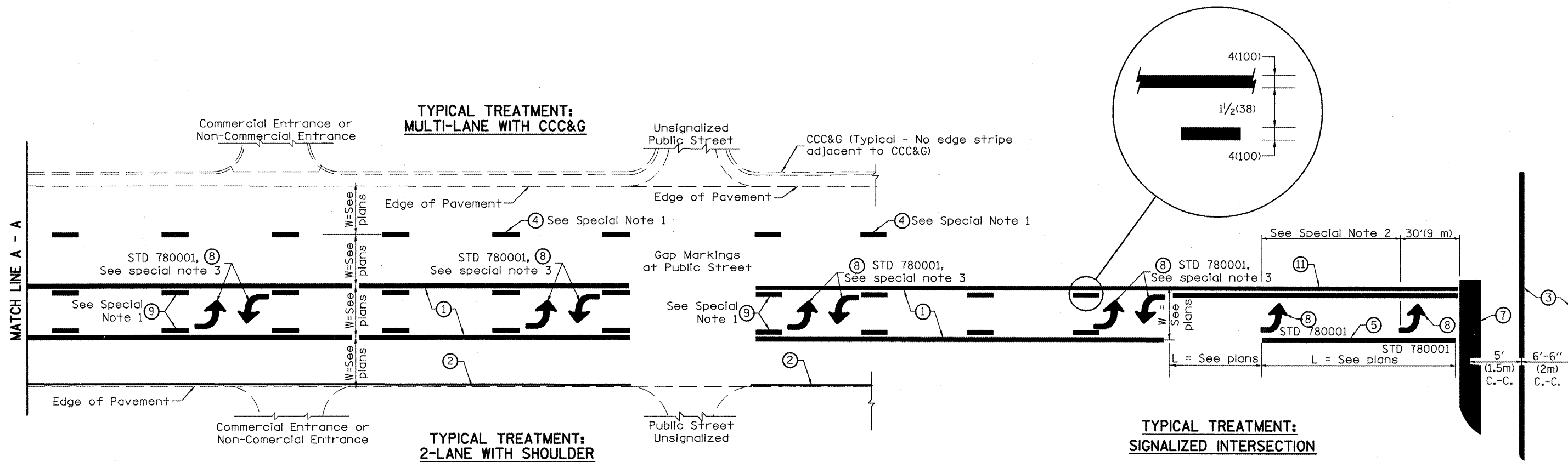
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 630101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2+30,39RS-3+32,33RS-4	WOODFORD	41	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68570	



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

TYPICAL PAVEMENT MARKING LEGEND

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

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

SPECIAL NOTES

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.					
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.							
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.							
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.							

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	31RS-2(30,39)RS-3(32,33)RS-4	WOODFORD	41	40
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68570	

