

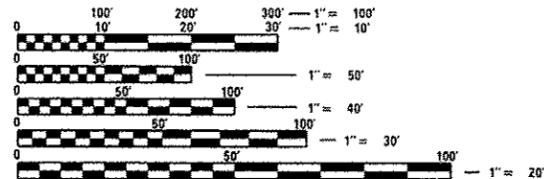
08-02-13 LETTING ITEM 084

INDEX ON SHEET NO 2

STANDARDS

000001-06	642006-00	701306-03	780001-03
280001-07	666001-01	701311-03	781001-03
482001-02	667101-02	701326-04	B.L.R.21-9
602401-03	701001-02	701901-02	
606001-05	701006-04	720001-01	
630001-10	701011-03	720006-03	
630106-01	701201-04	720011-01	
635006-03	701301-04	729001-01	

DESIGN DESIGNATION	
FAS 2402 (U.S.150)	
MAJOR COLLECTOR	
ADT =	3,700 YEAR 2011
PV =	3,500 (94.6 %)
SU =	100 (2.7 %)
MU =	100 (2.7 %)



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

DESIGNER : GEORGE RAMIA (309) 671-3467
SQUAD LEADER : MICHAEL HUDELSON (309) 671-3466

CONTRACT NO. 68614
Catalog NO. 033305-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 2402 (US 150)
SECTION (110,111,112,113)RS-3;114RS-4
PROJECT ACRS-2402(102)
RESURFACING & CULVERT REPLACEMENT
PEORIA COUNTY
C-94-104-06

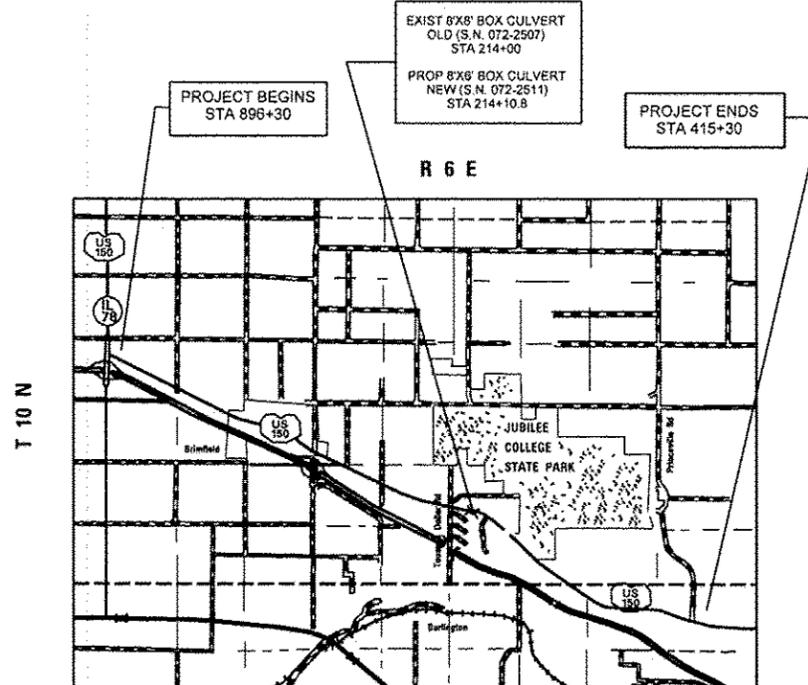
F.A. RTE. FAS 2402 U.S. 150	SECTION (110,111,112,113)RS-3; 114RS-4;112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 1
FED AID PROJECT			CONTRACT NO. 68614	

76+1=77

D-94-083-06



This project consists of, milling and resurfacing of US 150 from IL 78 to Princeville-Jubilee Rd. It also includes the removal and replacement of the box culvert near Thousand Dollar Road in Peoria County.



STATION EQUATIONS
SEE LINE DIAGRAM

GROSS LENGTH = 51,675.3 FT. (9.787 MILE)
NET LENGTH = 51,490.3 FT. (9.752 MILE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 19 20 13

Joseph Elowick
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 20 13
John D. Baranzelli, P.E. Jr.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 13
Omer Osman, P.E. Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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- 55-65. DISTRICT 4 CADD STANDARDS
- 66-76. CROSS-SECTIONS

COMMITMENTS

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

- 1- PARCEL 4AKB001 AND I.E.
COMMITMENT TO HAROLD D. TURLEY & ASSOCIATES, INC. FOR THE RESIDENT ENGINEER TO CONTACT THE PROPERTY MANAGER (309-742-2273 OR 309-264-4294) PRIOR TO WORK ON THE EXISTING FIELD TILE THAT CONNECTS TO THE EXISTING BOX CULVERT AT THE NORTH INLET STATION 214+10.80
- 2- PARCEL 4AKB002 & I.E.
COMMITMENT TO MR. RICHARD LITTLE 14830 EAST ROUTE 150 BRIMFIELD, ILLINOIS 61517 (309-696-5263) TO NOT DISTURB THE TREE OR ROOT SYSTEM LOCATED AT STA. 213+52 @ 35' RT DURING CULVERT CONSTRUCTION.
- 3- ROAD CLOSURE RESTRICTION
NO WORK SHALL BE PERFORMED ON US 150 FROM JEFFERSON ST TO MAHER RD BETWEEN 3:30 PM AUGUST 2, 2013 TO 6:00 AM AUGUST 12, 2013 AND BETWEEN 3:30 PM AUGUST 1, 2014 TO 6:00 AM AUGUST 11, 2014 DUE TO US 150 BEING CLOSED FOR OLD SETTLERS DAYS
CONTACT HOLLY JOHNSON (BRIMFIELD VILLAGE CLERK) @ (309)-446-3412 TO CONFIRM THE DATES ABOVE

CONTACTS FOR ROAD CLOSURE

	Brimfield	Kickapoo/Edwards
Municipality	(309)-446-3412 (309)-446-9678	(309)-446-1518
Police (local)	(309)-672-6011	(309)-672-6011
State Police	(309)-383-2133	(309)-383-2133
Fire Dept	800-517-5678	800-517-5678
School	(309)-446-3378	(309)-446-3378
US Post Office	(309)-446-3025	(309)-676-5866
Peoria County Highway Dept Engineer		(309)-697-6400 (309)-253-0531

JOB SPECIFIC NOTE

EXISTING BOX CULVERT DESCRIPTION :

The existing box culvert is 8'X8'X46' with the following additional elements: an upstream drop box 12' long X9' wide X8' high with wall thickness of 8" and a retaining wall that measures 18'X11'X1'. On the downstream side there exist a concrete pad 9'X9'X8" and two (2) wingwalls 13'X11'X10" and 13'X 8'to11' X10" and various concrete footing and sheet pile (at least 267sq ft). All quantities are estimated as there were no asbuilt plans found. the fill height over the top of existing culvert is approximately 9 feet.

There is a sanitary line running from the old restaurant situated in the S.E. corner of the intersection of US 150 and Maher Rd. The sanitary line runs from the restaurant, across Maher Rd, and in front the trailer park situated in the S.W. corner of the intersection of US 150 and Maher Rd.

Signing for the proposed 4-way stop shall be installed by district 4 Traffic Operation personnel. The Contractor shall contact Jen Rudzinski (309-671-4466) or Bill Harmann (309-693-5176) to coordinate the installation of signs.

FILE NAME * 68614-plans.dgn	USER NAME * reming	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS SHEET	F.A. RTE. FAS 2402 U.S. 150	SECTION (110,111,112,113)RS-3; 114RS-4,112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 2
PLOT SCALE * 7.6804" = 1"	CHECKED -	REVISED -	SCALE: _____			SHEET NO. _____ OF _____ SHEETS	FED AID PROJECT	CONTRACT NO. 68614		
PLOT DATE * 6/12/2013	DATE -	REVISED -								

GENERAL NOTES

PAVEMENT STATION NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

Interval - 100 meters (200 feet)

Bottom of Numbers - 150 mm (6 inches) from the inside edge of the pavement marking Location:

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

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

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

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

PROPERTY OWNER ACCESS REQUIREMENT.

Access must be maintained to all existing properties during construction as per article 107.09 unless arrangement are made in writing by the contractor with the property owners with a copy to the Resident for short – term closures

BUTT JOINT CUTTING RESTRICTION

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

PAVING SURFACE COURSE

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

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):

All of the telephone lines provided shall have unpublished numbers.

FILE NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -				FAS 2402	(110,111,112,113)RS-3;	PEORIA	SHEETS	NO.
	CHECKED -	REVISED -				U.S. 150	114RS-4;112C-2	76	3	
	DATE -	REVISED -				FED AID PROJECT		CONTRACT NO. 68614		
				SCALE:	SHEET NO.	OF	SHEETS			

GENERAL NOTES

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 107.11 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following :

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

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

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.

FILE NAME :		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			U.S. 150	114RS-4;112C-2	PEORIA	76	4
		CHECKED -	REVISED -		SCALE:	FED AID PROJECT		CONTRACT NO. 68614		
		DATE -	REVISED -			SHEET NO.	OF	SHEETS		

HOT - MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s)	H M A SURFACE COURSE	LEVELING BINDER (MM)	HOT - MIX ASPHALT BASE COURSE	HOT - MIX ASPHALT SHOULDERS (SURFACE LIFT)	HOT - MIX ASPHALT SHOULDERS (LOWER LIFTS)	INCIDENTAL SURFACE COURSE
AC/PG	PG 64-22	SBS OR SBR 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)**	15 %	10 %	25 %	15 %	25 %	15 %
Design Air Voids	4.0 % @ N = 50	4.0 % @ N = 50	4.0 % @ N = 50	3.0 % @ N = 50	4.0 % @ N = 50	4.0 % @ N = 50
Mixture Composition (Gradation Mixture)	IL 9.5 or IL 12.5	IL 4.75	IL 12.5	IL 9.5 or IL 12.5	IL 19.0	IL 9.5 or IL 12.5
Friction Aggregate	MIXTURE "D" (Dolomite Only)	N/A	N/A	MIXTURE "C"	N/A	MIXTURE "C"

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

RATES:

FOR ALL HOT MIXES, 112 lbs/Sq.Yd.in.

FOR AGGREGATE WEDGE SHOULDERS TYPE B 2.05 TON/CU.YD

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.08 gal/sy (0.00034 ton/sy)	0.04 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

UTILITY SHEET

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
US 150	45' RT	213+85 TO 214+10	BURIED GAS AMEREN (GAS)	Culvert removal & Replacement	CAUTION
US 150	42' RT	213+00 TO 214+00	BURIED FIBER AT & T	Culvert removal & Replacement	CAUTION
US 150	42' RT	214+00 TO 214+50	BURIED FIBER AT & T	Culvert removal & Replacement	RELOCATE
US 150	42' RT	213+00 TO 214+00	BURIED 1-FIBER 3-CABLES FRONTIER NORTH INC.	Culvert removal & Replacement	CAUTION
US 150	42' RT	214+00 TO 214+50	BURIED 1-FIBER 3-CABLES FRONTIER NORTH INC.	Culvert removal & Replacement	RELOCATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
20100500	TREE REMOVAL, ACRES	ACRE	0.32	0.32				
20200100	EARTH EXCAVATION	CU YD	1450	1450				
20200500	EARTH EXCAVATION (WIDENING)	CU YD	220				220	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	108		108			
20400800	FURNISHED EXCAVATION	CU YD	67	67				
20700220	POROUS GRANULAR EMBANKMENT	CU YD	418		418			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	72		72			
21101615	TOPSOIL FURNISH & PLACE, 4"	SQ YD	1569	1569				
* 25000305	SEEDING, CLASS 3A	ACRE	0.32	0.32				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	29	29				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	29	29				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	29	29				
* 25100115	MULCH, METHOD 2	ACRE	0.19	0.19				
25100630	EROSION CONTROL BLANKET	SQ YD	651	651				

*SPECIALTY ITEM

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DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL	SHEET
DRAWN -	REVISED -			FAS 2402	(110,111,112,113)RS-3;	PEORIA	SHEETS	NO.
CHECKED -	REVISED -			U.S. 150	114RS-4;112C-2	76	7	
DATE -	REVISED -			FED AID PROJECT		CONTRACT NO. 68614		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	195	195				
28000305	TEMPORARY DITCH CHECKS	FOOT	100	100				
28000400	PERIMETER EROSION BARRIER	FOOT	525	525				
28000500	INLET AND PIPE PROTECTION	EACH	2	2				
28100707	STONE DUMPED RIPRAP, CLASS A4	SO YD	285		285			
28200200	FILTER FABRIC	SO YD	285		285			
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SO YD	159	159				
35501310	HOT - MIX ASPHALT BASE COURSE, 6 1/2"	SO YD	578	578				
35501324	HOT - MIX ASPHALT BASE COURSE, 10"	SO YD	159	159				
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	84	84				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	6314	6314				
40600895	CONSTRUCTING TEST STRIP	EACH	1	1				
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	2800	2800				
40600990	TEMPORARY RAMP	SO YD	323	323				

14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	13282	12985		297		
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	258	258				
44000100	PAVEMENT REMOVAL	SO YD	159	159				
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	115700	115700				
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	3539	3539				
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	15333	15333				
44000400	GUTTER REMOVAL	FOOT	300	300				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	840			840		
44003100	MEDIAN REMOVAL	SO FT	6990	6990				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3302	3302				
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SO YD	988				988	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1		
50102400	CONCRETE REMOVAL	CU YD	9.9	9.9				
50105220	PIPE CULVERT REMOVAL	FOOT	45	45				

14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
50800105	REINFORCEMENT BARS	POUND	24813	983	23830			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2770		2770			
51500100	NAME PLATES	EACH	1		1			
54003000	CONCRETE BOX CULVERTS	CU YD	166.5	10.5	156			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	65	65				
60602500	CONCRETE GUTTER, TYPE A	FOOT	300	300				
60603800	COMB. CONC. CURB AND GUTTER, TYPE B-6.12	FOOT	840			840		
60618760	CONCRETE MEDIAN, TYPE M-4.12	SO FT	258	258				
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SO FT	444	444				
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SO FT	1101	1101				
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	525	525				
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	812.5	812.5				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	31	31				
63200310	GUARDRAIL REMOVAL	FOOT	1166	1166				

*SPECIALTY ITEM

14

DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			FAS 2402	(110,111,112,113)RS-3;			
CHECKED -	REVISED -			U.S. 150	114RS-4;112C-2	CONTRACT NO. 68614		
DATE -	REVISED -			FED AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	2965				2965	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	11	11				
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3			
67100100	MOBILIZATION	L SUM	1	0.5	0.5			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6				
* 70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15503	15503				
* 70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	250	250				
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	158359	158359				
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	124	124				
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1569	1569				

* SPECIALTY ITEM

14

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A. RTE. FAS 2402 U.S. 150	SECTION 1110,111,112,113,RS-3; 114RS-4,112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 11
FED AID PROJECT			CONTRACT NO. 68614	

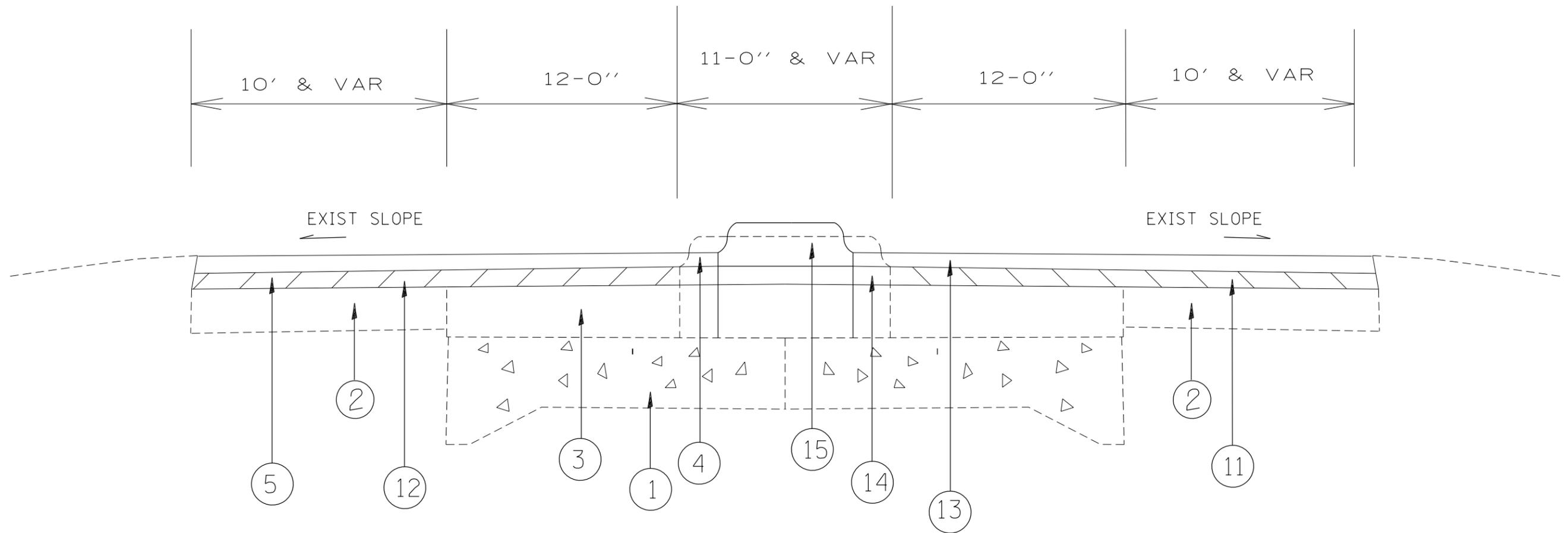
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				Roadway	Structure	Brimfield	Safety	state
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	414	414				
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	128	128				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	5168	5168				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	250	250				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	158359	158359				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	124	124				
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1569	1569				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	414	414				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	128	128				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	66	66				
* 78200300	PRISMATIC CURB REFLECTOR	EACH	58	58				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	72	72				
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	31	31				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	66	66				

14

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				Roadway	Structure	Brimfield	Safety	state	
				0005 80% - 20%	0040 80% - 20%	0005 100%	0021 80% - 20%	0005 100%	
	1363630450								
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	45				45		
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	65.5				65.5		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	140.5				140.5		
* 87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1				1		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15				15		
* 87900200	DRILL EXISTING HANDHOLE	EACH	1				1		
* 88040410	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST-ARM MOUNTED	EACH	1				1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	3				3		
* X2503100	MOWING	UNIT	497						497
X4400196	HOT - MIX ASPHALT SURFACE REMOVAL, SPECIAL	SO YD	1914	1914					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	19308	19308					
X5091765	PIPE HANDRAIL, SPECIAL	FOOT	30		30				
X6022930	MANHOLES, TYPE A, 5' -DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1					

100% STATE



Typical section #1

US 150 LOOKING EAST

STA 896+30 TO STA 904+50

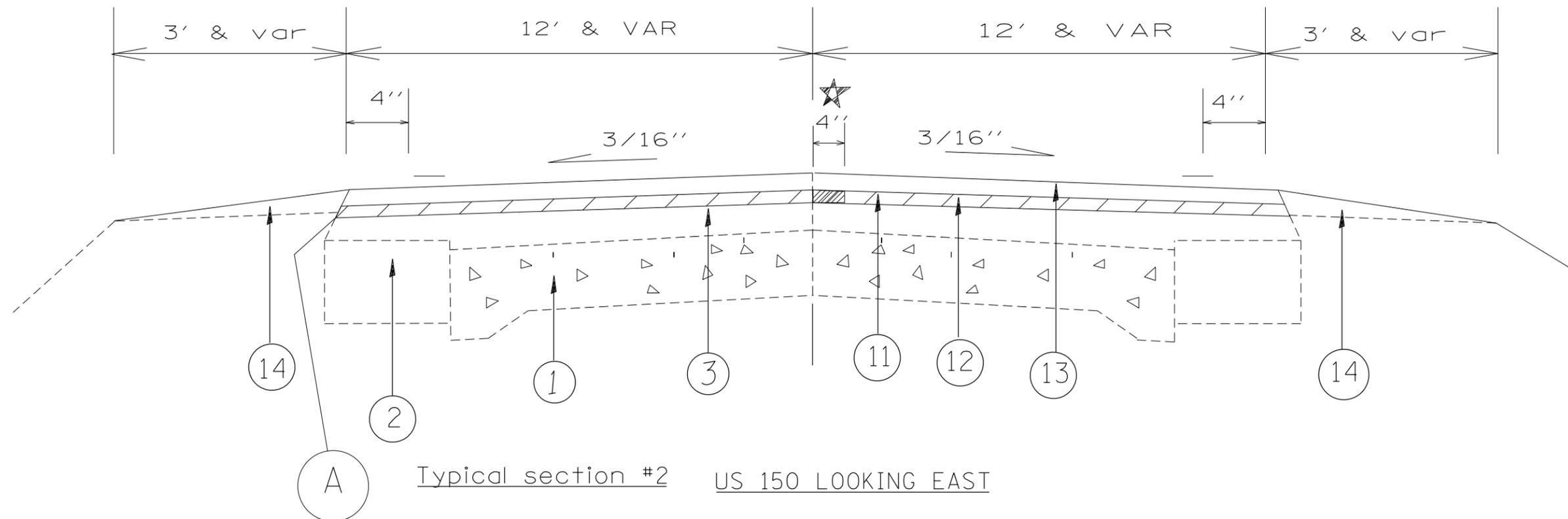
LEGEND

- | | |
|----------------------------|--|
| ① EXIST. PCC PAVEMENT | ⑪ PROP. HOT-MIX ASPHALT SURF REMOVAL 3/4" |
| ② EXIST. BASE CSE WIDENING | ⑫ PROP. POLY LEV BIND (M M) IL 4.75 N50 (3/4") |
| ③ EXIST. HMA OVERLAY | ⑬ PROP. POL. HOT-MIX ASPHALT SURF CSE "D" N50 (1 1/2") |
| ④ EXIST. CONCRETE MEDIAN | ⑭ PROP. HOT-MIX ASPHALT BASE COURSE 10" |
| ⑤ EXIST. HMA SHOULDERS | ⑮ PROP. CONCRETE MEDIAN M-4.12 |

NOTE:

FOR LOCATIONS AND DIMENSIONS OF HMA BASE COURSE 6 1/2" AND CONCRETE MEDIAN M-4.12 SEE DETAIL SHEET

FILE NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	PEORIA	76	15
	CHECKED -	REVISED -		FED AID PROJECT			CONTRACT NO. 68614				
	DATE -	REVISED -									



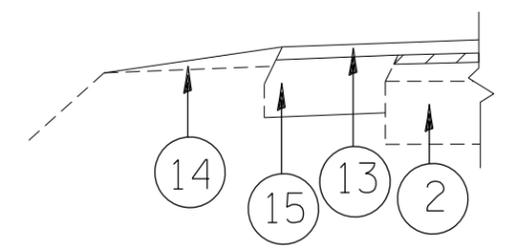
Typical section #2 US 150 LOOKING EAST

904+30 TO 936+95
 941+05 TO 967+13
 984+20 TO 996+73
 STA EQUA 996+73 BK= -1+00 AH
 -1+00 TO 230+69
 245+26 TO 279+50
 299+65 TO 312+36
 315+80 TO 415+30

★ QUANTITIES ADDED FOR CL TREATMENT (SEE RESURFACING SCHEDULE)

LEGEND

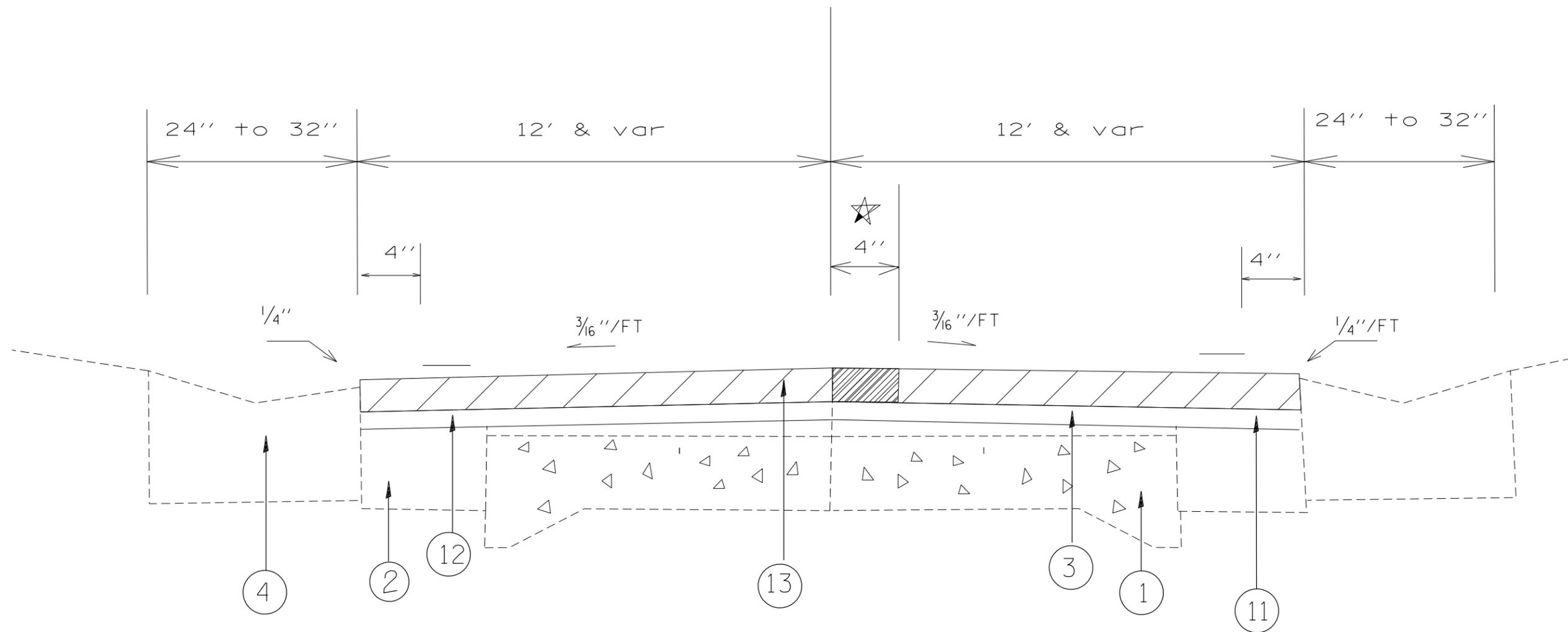
- | | | | |
|---|---------------------------|---|--|
| ① | EXIST. PCC PAVEMENT | ⑪ | PROP. HOT-MIX ASPHALT SURF REMOVAL 3/4" |
| ② | EXIST. WIDENING | ⑫ | PROP. POLY LEV BIND (M M) IL 4.75 N50 (3/4") |
| ③ | EXIST. HMA OVERLAY | ⑬ | PROP. POL. HOT-MIX ASPHALT SURF CSE "D" N50 (1 1/2") |
| ④ | EXIST AGGREGATE SHOULDERS | ⑭ | PROP. AGGREGATE SHOULDERS |
| | | ⑮ | PROP. HOT-MIX ASPHALT SHOULDERS 8" |



72+00 TO 82+60
 341+75 TO 354+50
 380+70 TO 387+00

DETAIL A

SEE SCHEDULE FOR PROP HMA SHOULDERS 8"



Typical section #3 US 150 LOOKING EAST

936+95 TO 941+05
 967+13 TO 976+36
 979+95 TO 984+20
 230+69 TO 234+56
 236+38 TO 245+26
 279+50 TO 299+65
 314+88 TO 325+80

FOR MILLING INFORMATION
 SEE DETAIL SHEET

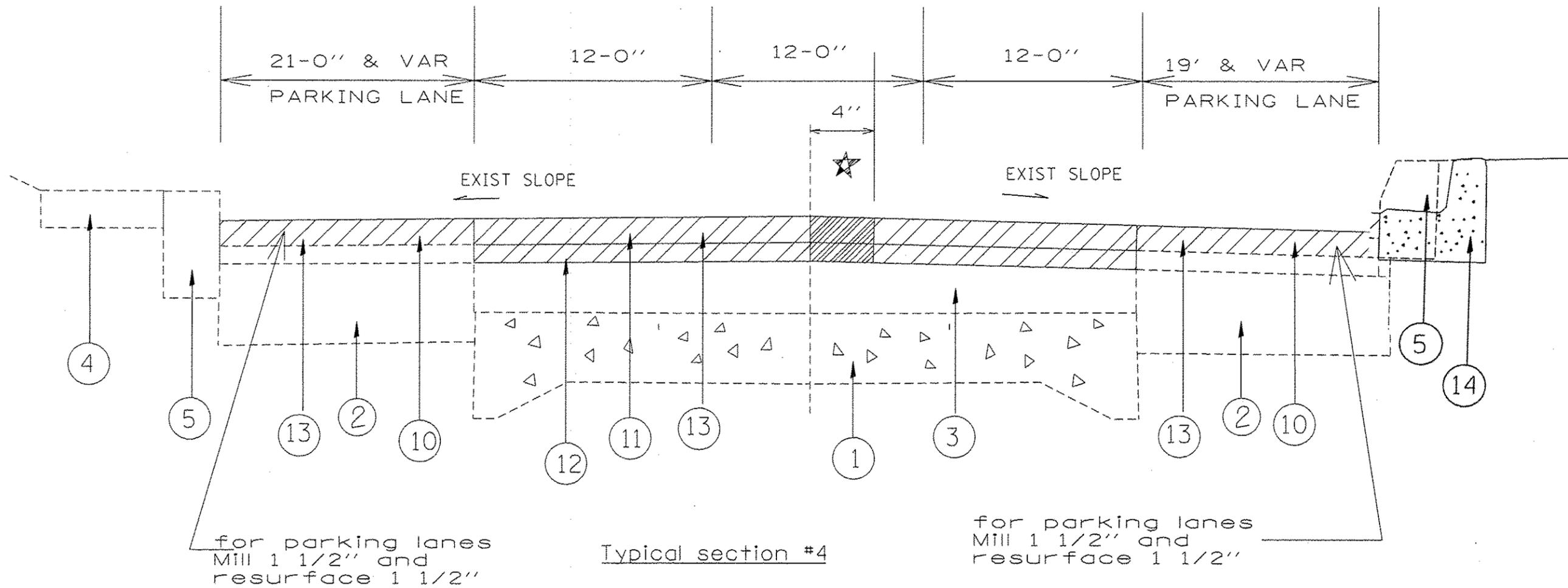
LEGEND

- ① EXIST. PCC PAVEMENT
- ② EXIST. PCC BASE CSE WIDENING
- ③ EXIST. HMA OVERLAY
- ④ EXIST GUTTER TYPE A MOD.
OR TYPE B MOD.
- ⑪ PROP. HOT-MIX ASPHALT
SURF REMOVAL (VAR DEPTH)
- ⑫ PROP. POLY LEV
BIND (M M) IL 4.75 N50 (3/4")
- ⑬ PROP. POL. HOT-MIX ASPHALT
SURF CSE "D" N50 (1 1/2")

NOTE:
 FROM 282+69 TO 299+65
 PAVEMENT IS ONLY 20' WIDE

★ QUANTITIES ADDED FOR CL TREATMENT
 (SEE RESURFACING SCHEDULE)

FILE NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	U.S. 150	114RS-4;112C-2	PEORIA	76	17
	CHECKED -	REVISED -					FED AID PROJECT		CONTRACT NO. 68614		
	DATE -	REVISED -									



STA 27+00 TO STA 35+00 (in Brimfield)

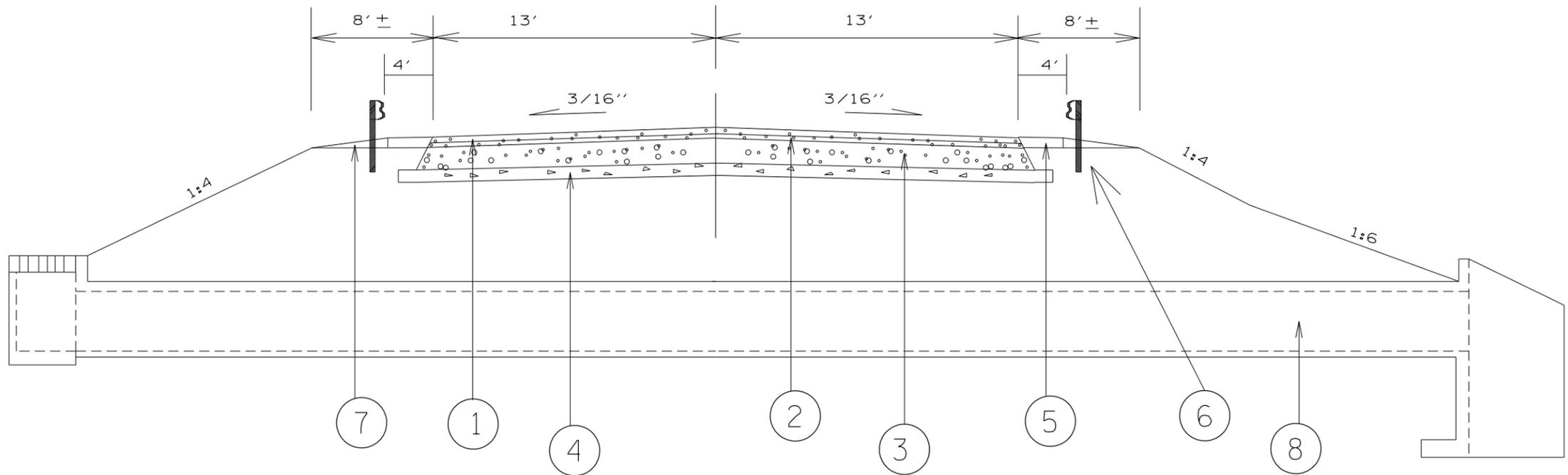
★ QUANTITIES ADDED FOR CL TREATMENT (SEE RESURFACING SCHEDULE)

LEGEND

- ① EXIST. PCC PAVEMENT
- ② EXIST. BASE CSE WIDENING
- ③ EXIST. HMA OVERLAY
- ④ EXIST SIDEWALK
- ⑤ EXIST CONC CURB
- ⑩ PROP. HOT-MIX ASPHALT SURF REMOVAL 1 1/2"
- ⑪ PROP. HOT-MIX ASPHALT SURF REMOVAL 2 1/4"
- ⑫ PROP. POLY LEV BIND (M M) IL 4.75 N50 (3/4")
- ⑬ PROP. POL. HOT-MIX ASPHALT SURF CSE "D" N50 (1 1/2")
- ⑭ COMB. CONC CURB AND GUTTER B-6.12 REMOVAL AND REPLACEMENT

For location & quantities of CCC & G B-6.12 SEE SHEET 34A

FILE NAME #	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	PEORIA	76	18
	CHECKED -	REVISED -					U.S. 150	114RS-4;112C-2			
	DATE -	REVISED -					FED AID PROJECT		CONTRACT NO. 68614		



for all other details see culvert plans and excavation and backfill details

Typical section #5

US 150 LOOKING EAST
STA 214+10

LEGEND

- | | |
|--|---------------------------------------|
| ① PROP. POL. HOT-MIX ASPHALT SURF CSE "D" N50 (1 1/2") | ⑤ PROP. AGGREGATE SHOULDERS |
| ② PROP. POLY LEV BIND (M M) IL 4.75 N50 (3/4") | ⑥ PROP. GUARDRAIL TYPE A 6' POSTS |
| ③ PROP. HMA BASE CSE 10" | ⑦ PROP GUARDRAIL AGGR EROSION CONTROL |
| ④ PROP SUB-BASE GRAN MAT TYPE B 4" | ⑧ PROP CONC BOX CULVERT |

FILE NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	U.S. 150	114RS-4;112C-2	PEORIA	76	19
CHECKED -	REVISED -				FED AID PROJECT		CONTRACT NO. 68614			
DATE -	REVISED -									

RESURFACING QUANTITIES

LOCATIONS			LENGTH	AVRG WIDTH	AREA	POLYMER BIT. MAT (PR CT)	POLYMER LEVEL BIND (M.M) N50 (3/4")	HOT - MIX ASPHALT SURF CSE MIX "D" N50 (1 1/2")	INCIDENTAL H M A SURF CSE (1 1/2")	HOT - MIX ASPHALT SURF REMOVAL SPECIAL	HOT - MIX ASPHALT SURF REMOVAL 3/4"	HOT - MIX ASPHALT SURF REMOVAL 1 1/2"	HOT - MIX ASPHALT SURF REMOVAL 2 1/4"	HOT - MIX ASPHALT SURF REMOVAL VAR DEPTH	MATERIAL TRANSFER DEVICE
STATION	TO	STATION	FT	FT	SQ YD	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON
896+30	TO	904+50	820	46	4,234	2.202	178	356			4,234				533
904+50	TO	935+95	3,145	24	8,387	4.361	352	704			8,387				1,057
935+95	TO	936+95	100	24	267	0.139	11	22						267	34
936+95	TO	941+05	410	24	1,093	0.569	46	92						1,093	138
941+05	TO	942+05	100	24	267	0.139	11	22						267	34
942+05	TO	966+13	2,408	24	6,421	3.339	270	539			6,421				809
966+13	TO	967+13	100	24	267	0.139	11	22						267	34
967+13	TO	984+20	1,707	24	4,552	2.367	191	382						4,552	574
984+20	TO	985+20	100	24	267	0.139	11	22						267	34
985+20	TO	996+78	1,158	24	3,088	1.606	130	259			3,088				389
STA EQUA 996+73 BK= -1+00 AH															
-1+00	TO	0+00	100	26	289	0.150	12	24					289		36
0+00	TO	27+00	2,700	26	7,800	4.056	328	655					7,800		983
27+00	TO	35+00	800	36	3,200	1.664	134	269					3,200		403
35+00	TO	48+00	1,300	26	3,756	1.953	158	315					3,756		473
48+00	TO	49+00	100	26	289	0.150	12	24					289		36
49+00	TO	230+69	18,169	26	52,488	27.294	2,205	4,409			52,488				6,614
230+69	TO	245+26	1,457	24	3,885	2.020	163	326						3,885	490
245+26	TO	246+26	100	26	289	0.150	12	24						289	36
246+26	TO	278+50	3,224	26	9,314	4.843	391	782			9,314				1,174
278+50	TO	279+50	100	23	256	0.133	11	21						256	32
279+50	TO	299+65	2,015	20	4,478	2.328	188	376						4,478	564
299+65	TO	300+65	100	26	289	0.150	12	24						289	36
300+65	TO	310+54	989	26	2,857	1.486	120	240			2,857				360
310+54	TO	312+40	186	BRIDGE OMISSION											
312+40	TO	313+88	148	22	362	0.188	15	30			362				46
313+88	TO	314+88	100	22	244	0.127	10	21						244	31
314+88	TO	325+80	1,092	26	3,155	1.640	132	265						3,155	397
325+80	TO	415+30	8,950	26	25,856	13.445	1,086	2,172			25,856				3,258
* EXTRA QUANTITIES ADDED FOR THE CENTER-LINE TREATMENT					1,914	1.00	----	161	----	1,914	----	----	----	----	161
ENTRANCES					817	0.425	----	69	----		----	----	----	----	69
MAILBOXES					258	0.134	----	22	----		----	----	----	----	22
MAHER ROAD (SOUTH LEG)					2,694	1.401	113	226	----		2,694	----	----	----	----
MAHER ROAD (NORTH LEG)					1,251	0.651	----	105	----		----	----	----	----	----
PARKING AREA (BRIMFIELD)					3,539	1.840	----	297	----		----	3,539	----	----	----
SIDEROADS					2,460	1.279	----	----	258						----
TOTALS						84	6,314	13,282	258	1,914	115,700	3,539	15,333	19,308	18,855

* The milling of the 4" for center-line treatment = 1,914 sq yd also see special provisions

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			U.S. 150	114RS-4:112C-2	PEORIA	76	20	
		CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED AID PROJECT		
		DATE -	REVISED -			CONTRACT NO. 68614					

SCHEDULE OF QUANTITIES

STATION TO STATION			BIT SURF REMOVAL BUTT-JOINT	TEMP RAMPS
			SQ YD	SQ YD
896+30	TO	896+60	80	13
@ RURAL SIDE SIDEROADS			2,460	267
AT THE BRIDGE			173	29
415+00	TO	415+30	87	14
TOTAL			2,800	323

AGG WEDGE SHOULDER, TYPE B			TON	
			LT	RT
896+30	TO	904+50	BIT SHOULDERS	
904+50	TO	996+78	350	350
STA EQUA 996+78BK=-1+00 AH				
-1+00	TO	307+90	1,173	1,173
307+90	TO	310+54	BIT SHOULDERS	
310+54	TO	312+40	BRIDGE OMISSION	
312+40	TO	315+24	BIT SHOULDERS	
315+24	TO	415+30	380	380
DEDUCTION FOR GUTTERS			-204	-216
DEDUCTION FOR IN TOWN			-42	-42
SUB-TOTAL			1,657	1,645
TOTAL			3,302	

LOCATION	TREE REMOVAL ACRES
	ACRE
ALONG US 150 (STA 214+10) AT THE CULVERT	0.36
TOTAL	0.36

STATION TO STATION			GUTTER REMOVAL	COMB. CONC CURB & GUTTER REMOVAL	CONC GUTTER TYPE A	COMB. CONC CURB & GUTTER T B-6.12
			FOOT	FOOT	FOOT	FOOT
27+55	TO	35+96	-----	840	-----	840
288+00	TO	291+00	300	-----	300	-----
TOTAL			300	840	300	840

STATION TO STATION LEFT			INLET AND PIPE PROTECTION	PIPE CULVERT REMOVAL	STORM SEWERS CL A T 2 24"	MANH T A 5' DIA W/SPL FRAME & GRATE	
							OFFSET
213+60	TO	214+25	35' RT	2	45	65	1
TOTAL			----	2	45	65	1

STATION TO STATION		TOPSOIL FURNISH & PLACE 4"	SEEDING CLASS 3A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	TEMPORARY EROSION CONT SEEDING
		SQ YD	ACRE	POUND	POUND	POUND	ACRE	POUNDS
US 150		918	0.24	22	22	22	0.24	72
ALONG THE STREAM		651	0.41	36	36	36	-----	122
TOTAL		1,569	0.65	58	58	58	0.24	194

LOCATION	REM & DISP OF UNSUIT MATERIAL	EARTH EXCAVATION	FOR INFORMATION ONLY			
			EARTH EXCAV ADJUST FOR 25% SHRINKAGE	EMBANKMENT	FURNISHED EXCAVATION	EROSION CONTROL BLANKET
			CU YD	CU YD	CU YD	SQ YD
212+50 TO 213+82	-----	23.9	17.9	(811.4)	811.4	----
*213+82 TO 214+37						
212+37 TO 216+00	-----	27.0	20.3	(90.9)	90.9	----
AT THE CULVERT	108					
ALONG STREAM	-----	1,399.4	1,049.5	835.6	(835.6)	651.0
TOTAL	108	1,450	1,088	(67)	67	651

* QUANTITIES OVER BOX CULVERT ARE NOT INCLUDED IN THE EARTH EXCAVATION PAID FOR AS PART OF REMOVE EXISTING STRUCTURES

SCHEDULE OF QUANTITIES

STATION TO STATION	MODIFIED URETHANE & TEMP PVT MARKING LINE - 6" (WHITE)	MODIFIED URETHANE & TEMP PVT MARKING LINE - 8" (WHITE)	MODIFIED URETHANE & TEMP PVT MARKING LINE - 12"		MODIFIED URETHANE & TEMP PVT MARKING LINE - 24"	MODIFIED URETHANE & TEMP PVT MKG LETTERS & SYMBOLS
	FT	FT	WHITE	YELLOW	SQ FT	SQ FT
			FT			
AT MAHER RD AND US 150		569	118.0	196.0	128.0	47.0
RT TURN AT JUB COLLEGE STATE PARK		400				46.8
RT TURN AT TIMBER RIDGE		200				31.2
IN TOWN (BRIMFIELD)		400	100.0			124.8
CROSS WALK STA 35+88 (BRIMFIELD)	124					
TOTAL	124	1,569	414		128	250

CONSTRUCTING TEST STRIP	EACH
SURFACE COURSE	1
TOTAL	1

ENGINEER FIELD OFFICE TYPE A	CAL MO
JOBSITE	6
TOTAL	6

MOBILIZATION	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT & PROT STD 701201	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT & PROT STD 701306	L SUM
JOBSITE	1
TOTAL	1

TRAF CONT & PROT STD 701326	L SUM
JOBSITE	1
TOTAL	1

CONSTRUCTION LAYOUT	L SUM
JOBSITE	1
TOTAL	1

PERMANENT SURVEY MARKERS T1	EACH
S.E. CORNER OF CULVERT	1
TOTAL	1

TRAF CONT & PROT STD BLR 21 SPL	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	EACH
US 150	4
MAHER ROAD	2
TOTAL	6

STATION TO STATION	LENGTH	* SHORT-TERM PAVEMENT MARKING	WORK ZONE PVT. MRK. REMOVAL
		FT	SQ FT
896+30 TO 996+78	10,048	3,014	1,005
STA EQUA 996+78 BK = -1+00 AH			
-1+00 TO 310+50	31,150	9,345	3,115
310+50 TO 312+36	186	56	19
312+36 TO 415+30	10,294	3,088	1,029
TOTAL		15,503	5,168

* 3 APPLICATIONS

LOCATION	TEMP DITCH CHECK
	FOOT
MAINLINE LEFT	
212+75	9
213+05	9
213+25	9
MAINLINE RIGHT	
214+25	9
214+50	9
214+75	9
215+00	9
215+50	9
STREAM	
1+30	14
1+75	14
TOTAL	100

TRAF CONT & PROT STD BLR 21 SPL	CAL DAY
JOBSITE	21
TOTAL	21

STA TO STA	PERIMETER EROSION CONTROL
	FOOT
US 150 LT	
212+50 TO 213+95	145
US 150 RT	
213+55 TO 216+00	320
STREAM RT	
1+75	60
TOTAL	525

SCHEDULE OF QUANTITIES

MODIFIED URETHANE & TEMPORARY PAVEMENT MARKING - LINE 4"							FT	
LOCATION	TO	STATION	LT EDGE	CENTER LINE			RT EDGE	
			OF PVT	SOLID	SKIP - DASH	SOLID	OF PVT	
			SOLID				(WHITE)	(YELLOW)
(WHITE)	(YELLOW)	(YELLOW)	(YELLOW)	(WHITE)				
896+30	TO	904+50	820	820		820	820	
904+50	TO	906+25	175	175	44		175	
906+25	TO	927+50	2,125		531		2,125	
927+50	TO	938+00	1,050		263	1,050	1,050	
938+00	TO	969+20	3,120	3,120		3,120	3,120	
969+20	TO	975+50	630	630	158		630	
975+50	TO	984+80	930	930		930	930	
984+80	TO	996+78	1,198	1,198	300		1,198	
STA EQUA 996+78 BK= -1+00 AH								
-1+00	TO	4+50	550	550	138		550	
4+50	TO	26+00	2,150		538		2,150	
26+00	TO	37+90	1,190	1,190		1,190	1,190	
37+90	TO	48+50	1,060	1,060		1,060	1,060	
48+50	TO	56+00	750	750	188		750	
56+00	TO	79+50	2,350		588		2,350	
79+50	TO	90+30	1,080	1,080		1,080	1,080	
90+30	TO	162+50	7,220		1,805		7,220	
162+50	TO	172+00	950		238	950	950	
172+00	TO	180+00	800	800	200		800	
180+00	TO	192+30	1,230		308		1,230	
192+30	TO	199+00	670		168	670	670	
199+00	TO	213+00	1,400	1,400	350		1,400	
213+00	TO	246+00	3,300	3,300		3,300	3,300	
246+00	TO	257+50	1,150	1,150	288		1,150	
257+50	TO	261+50	400	400		400	400	
261+50	TO	269+20	770		193	770	770	
269+20	TO	279+00	980	980		980	980	
279+00	TO	291+00	1,200	1,200	300		1,200	
291+00	TO	316+50	2,550		638		2,550	
316+50	TO	325+50	900		225	900	900	
325+50	TO	335+00	950	950	238		950	
335+00	TO	337+00	200		50		200	
337+00	TO	340+50	350		88	350	350	
340+50	TO	349+50	900	900		900	900	
349+50	TO	359+00	950	950	238		950	
359+00	TO	373+50	1,450		363		1,450	
373+50	TO	379+00	550		138	550	550	
379+00	TO	385+00	600	600	150		600	
385+00	TO	394+00	900	900		900	900	
394+00	TO	402+00	800	800	200		800	
402+00	TO	415+30	1,330		333		1,330	
			51,678		55,003		51,678	
TOTALS			158,359					

STATION	TO	STATION	H M A	SUB-BASE	PAVEMENT
			BASE CSE	GRAN MATL	REMOVAL
			10"	TYPE B 4"	
			SQ YD	SQ YD	SQ YD
213+84	TO	214+17	159	159	159
TOTAL			159	159	159

STATION	TO	STATION	MEDIAN	CONC	CONC	CONC	H M A	PRISMATIC
			REMOVAL	MEDIAN	MEDIAN	MEDIAN	BASE CSE	CURB
				TYPE M-4.12	TYPE SM-6.06	TYPE SM-6.24	6 1/2"	REFLECTOR
			SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD
896+30	TO	900+40	3,387	258	-----	-----	349	20
MAHER ROAD			3,603	-----	444	1,101	229	38
TOTAL			6,990	258	444	1,101	578	58

STATION	TO	STATION	POROUS	GEOTECH	ROCK FILL	STONE DUMPED	FILTER FABRIC
			GRANULAR	FABRIC		RIPRAP	
			EMBANK	F G STAB		CLASS A4	
			CU YD	SQ YD	SQ YD	SQ YD	SQ YD
213+84	TO	214+17	418	72	108	285	285
TOTAL			418	72	108	285	285

STATION	CONC	REINFORCEMENT	RE-INFOR	CONCRETE	PIPE	REMOVE	NAME	
	REMOVAL	BARS	BARS EPOXY	BOX	HANDRAIL	EXISTING	PLATES	
		POUND	COATED	CULVERTS	SPECIAL	STRUCTURE	EACH	
			CU YD	POUND	POUND	FOOT	EACH	
943+44	2.3	360	0	2.9	0.0	0.0	0.0	
953+85	7.6	623	0	7.6	0.0	0.0	0.0	
214+10	-----	23,830	2,770	156.0	30.0	1.0	1.0	
TOTAL			9.9	24,813	2,770	166.5	30.0	1.0

STATION	TO	STATION	* MOWING
			UNIT
			896+30
STA EQUA 996+73BK=-1+00 AH			
-1+00	TO	415+30	416.3
DEDUCTION FOR IN TOWN			(20.0)
TOTAL			497

* MOWING IS 100% STATE

STATION	OFFSET	FUNISH & ERECT R.O.W MARKERS
		EACH
213+35	40' RT	1
214+00	96' RT	1
214+39	96' RT	1
214+67.7	150' RT	1
214+84.5	96' RT	1
215+13.2	150' RT	1
215+25.0	40' RT	1
213+65.0	40' LT	1
215+80.0	50' LT	1
214+70.0	50' LT	1
214+85.0	40' LT	1
TOTAL		11

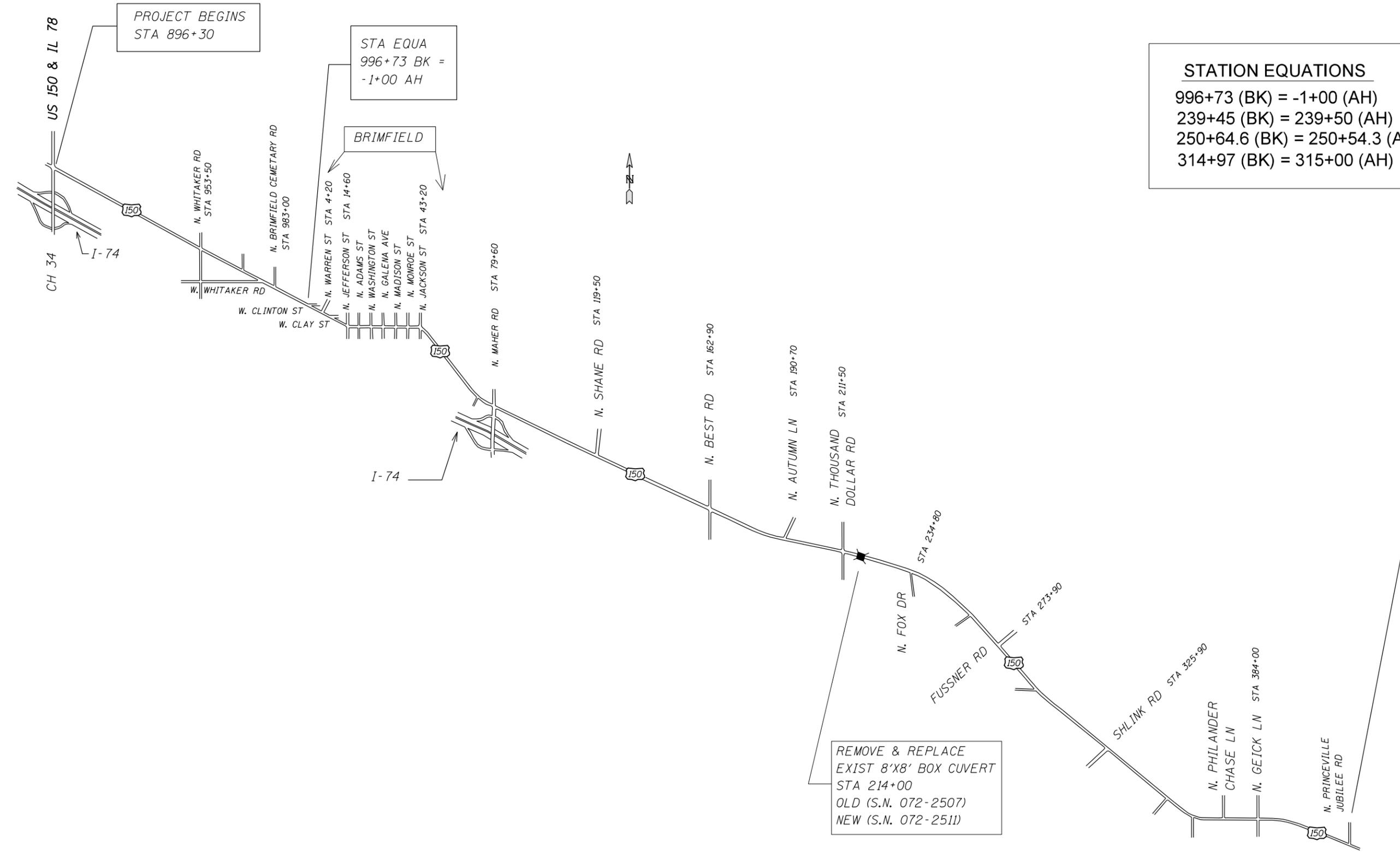
SCHEDULE OF QUANTITIES

GUARDRAIL AGG EROSION CONTROL				TON
LT	941+94	TO	944+57	50.5
RT	943+00	TO	943+50	9.6
RT	943+80	TO	944+30	9.6
LT	952+39	TO	955+01	50.5
RT	953+22	TO	953+72	9.6
LT	962+68	TO	965+30	50.4
RT	963+29	TO	963+79	9.6
RT	964+09	TO	964+59	9.6
LT	989+32	TO	989+82	9.6
LT	990+10	TO	990+60	9.6
RT	989+28	TO	989+78	9.6
RT	990+06	TO	990+56	9.6
LT	50+25	TO	50+75	9.6
RT	50+25	TO	50+75	9.6
LT	73+45	TO	73+95	9.6
LT	74+25	TO	74+75	9.6
RT	73+45	TO	73+95	9.6
RT	74+25	TO	74+75	9.6
LT	178+03	TO	180+65	50.4
RT	178+03	TO	180+65	50.4
LT	212+68	TO	215+68	57.8
RT	212+73	TO	215+98	62.6
TOTAL				517

	STA	TO	STA	OFFSET	SPBGR	LONG-SPAN
				FOOT	TYPE A 6 FOOT POSTS	G RAIL OVER CULV 12'- 6" SPAN
LT	942+44	TO	944+06.5	6.0	----	162.5
LT	952+88.5	TO	954+51	6.0	----	162.5
LT	963+18	TO	964+80.5	6.0	----	162.5
RT	19+58	TO	20+58	EXISTING	100.0	----
LT	178+53	TO	180+15.5	6.0	----	162.5
RT	178+53	TO	180+15.5	6.0	----	162.5
LT	213+17.5	TO	215+17.5	6.0	200.0	----
RT	213+22.5	TO	215+47.5	6.0	225.0	----
TOTAL					525	812.5

STATION	TO	STATION	RAISED REF	RAISED REF
			PAVEMENT	PVT MRKRS
			MAKERS	REMOVAL
			EACH	EACH
26+00	TO	38+00	66	66
TOTAL			66	66

LOCATION (INSIDE SHOULDERS) (3' WIDE)			EARTH	H MA	SHLDRS
			EXCAV	SHLDRS	RUMBLE
			WIDENING	8"	STRIP 8"
			CU YD	SQ YD	FOOT
380+70	TO	387+00	46.7	210.0	630.0
341+75	TO	354+50	94.4	425.0	1,275.0
72+00	TO	82+60	78.5	353.3	1,060.0
TOTAL			220	988	2,965



PROJECT BEGINS
STA 896+30

STA EQU
996+73 BK =
-1+00 AH

BRIMFIELD

STATION EQUATIONS
 996+73 (BK) = -1+00 (AH)
 239+45 (BK) = 239+50 (AH)
 250+64.6 (BK) = 250+54.3 (AH)
 314+97 (BK) = 315+00 (AH)

PROJECT ENDS
STA 415+30

REMOVE & REPLACE
EXIST 8'X8' BOX CULVERT
STA 214+00
OLD (S.N. 072-2507)
NEW (S.N. 072-2511)

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINE DIAGRAM			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	PEORIA	76	26
		CHECKED -	REVISED -		FED AID PROJECT							
		DATE -	REVISED -		CONTRACT NO. 68614							

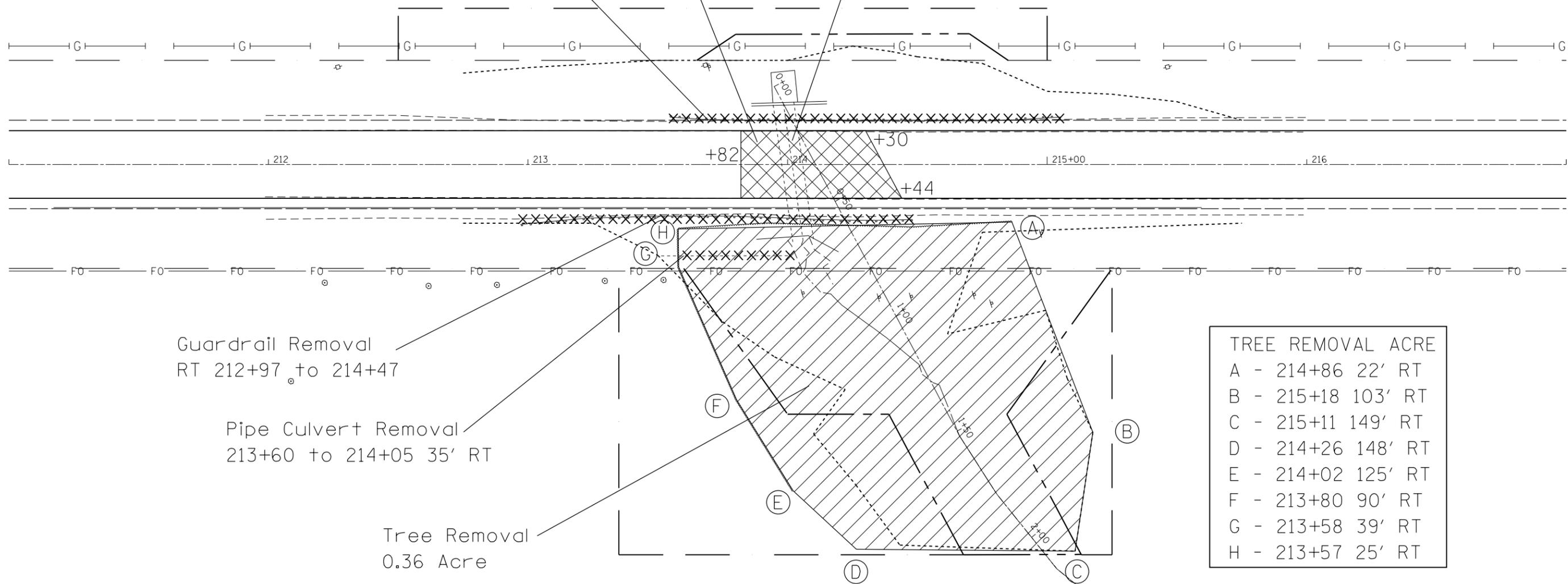
US 150 CL 214+10.76 =
 CULVERT CL 0+33.91
 CULVERT SKEW = 28 DEG

-  Pavement Removal
-  Tree Removal

Pavement Removal
 213+82 to 214+30, 214+44

Guardrail Removal
 LT 213+55 to 215+05

Removal of
 Existing Structure
 Sta 214+03



Guardrail Removal
 RT 212+97 to 214+47

Pipe Culvert Removal
 213+60 to 214+05 35' RT

Tree Removal
 0.36 Acre

TREE REMOVAL ACRE	
A	- 214+86 22' RT
B	- 215+18 103' RT
C	- 215+11 149' RT
D	- 214+26 148' RT
E	- 214+02 125' RT
F	- 213+80 90' RT
G	- 213+58 39' RT
H	- 213+57 25' RT



FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Existing and Removal Items

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	.	PEORIA	76	27
			CONTRACT NO. 68614	
ILLINOIS FED. AID PROJECT				

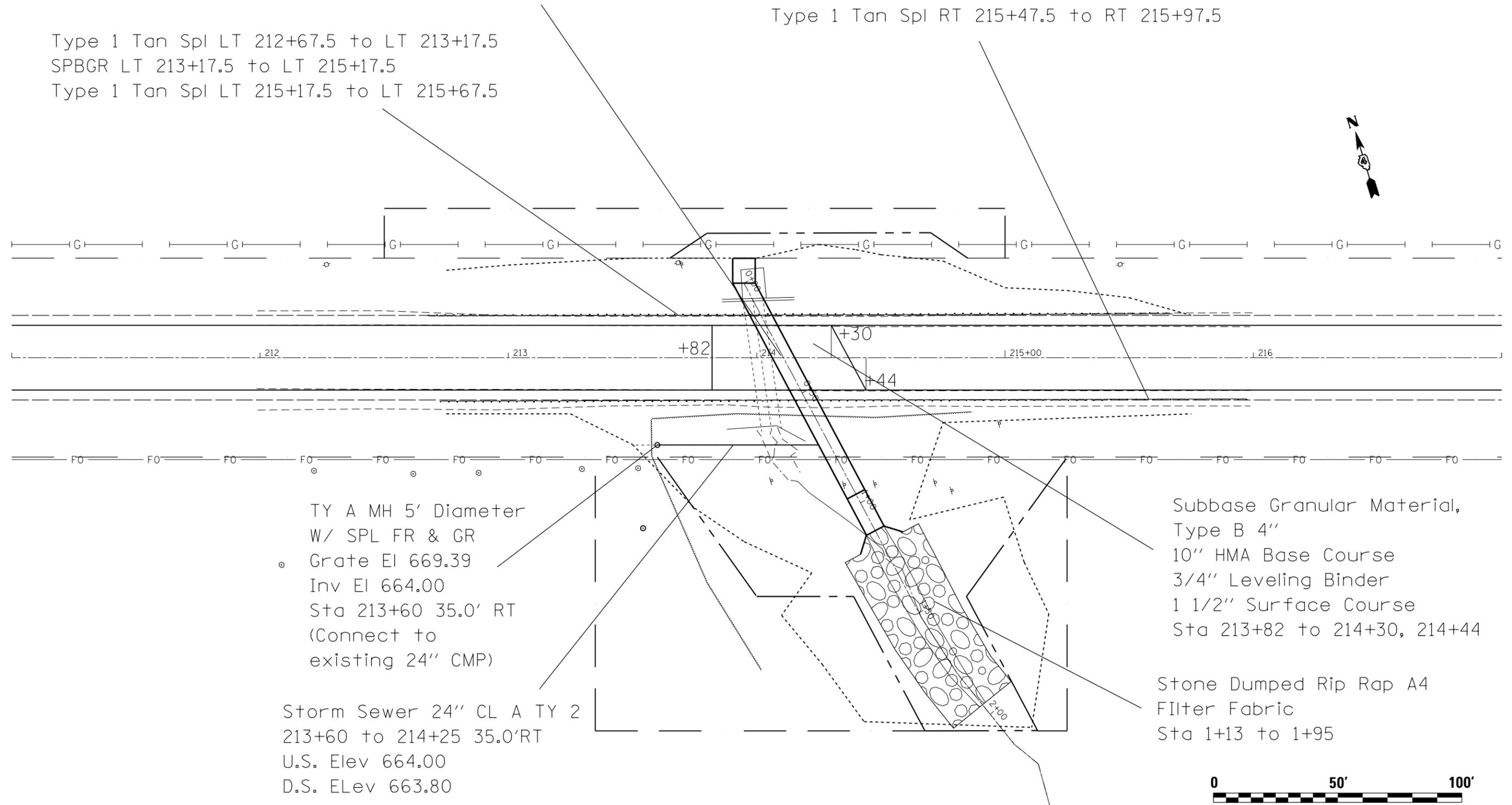
(110,111,112,113)RS-3; 114RS-4; 112C-2

Removal of Unsuitable Material
 Undercut Limits - 15' LT to 15' RT
 Undercut Depth - 5'
 Undercut Width - 19' (proposed culvert
 outside width = 9' + 5' on either side))

US 150 CL 214+10.76 =
 CULVERT CL 0+33.91
 CULVERT SKEW = 28 DEG

Type 1 Tan Spl LT 212+67.5 to LT 213+17.5
 SPBGR LT 213+17.5 to LT 215+17.5
 Type 1 Tan Spl LT 215+17.5 to LT 215+67.5

Type 1 Tan Spl RT 212+72.5 to RT 213+22.5
 SPBGR RT 213+22.5 to RT 215+47.5
 Type 1 Tan Spl RT 215+47.5 to RT 215+97.5



TY A MH 5' Diameter
 W/ SPL FR & GR
 Grate El 669.39
 Inv El 664.00
 Sta 213+60 35.0' RT
 (Connect to
 existing 24" CMP)

Storm Sewer 24" CL A TY 2
 213+60 to 214+25 35.0' RT
 U.S. Elev 664.00
 D.S. Elev 663.80

Subbase Granular Material,
 Type B 4"
 10" HMA Base Course
 3/4" Leveling Binder
 1 1/2" Surface Course
 Sta 213+82 to 214+30, 214+44

Stone Dumped Rip Rap A4
 Filter Fabric
 Sta 1+13 to 1+95



FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

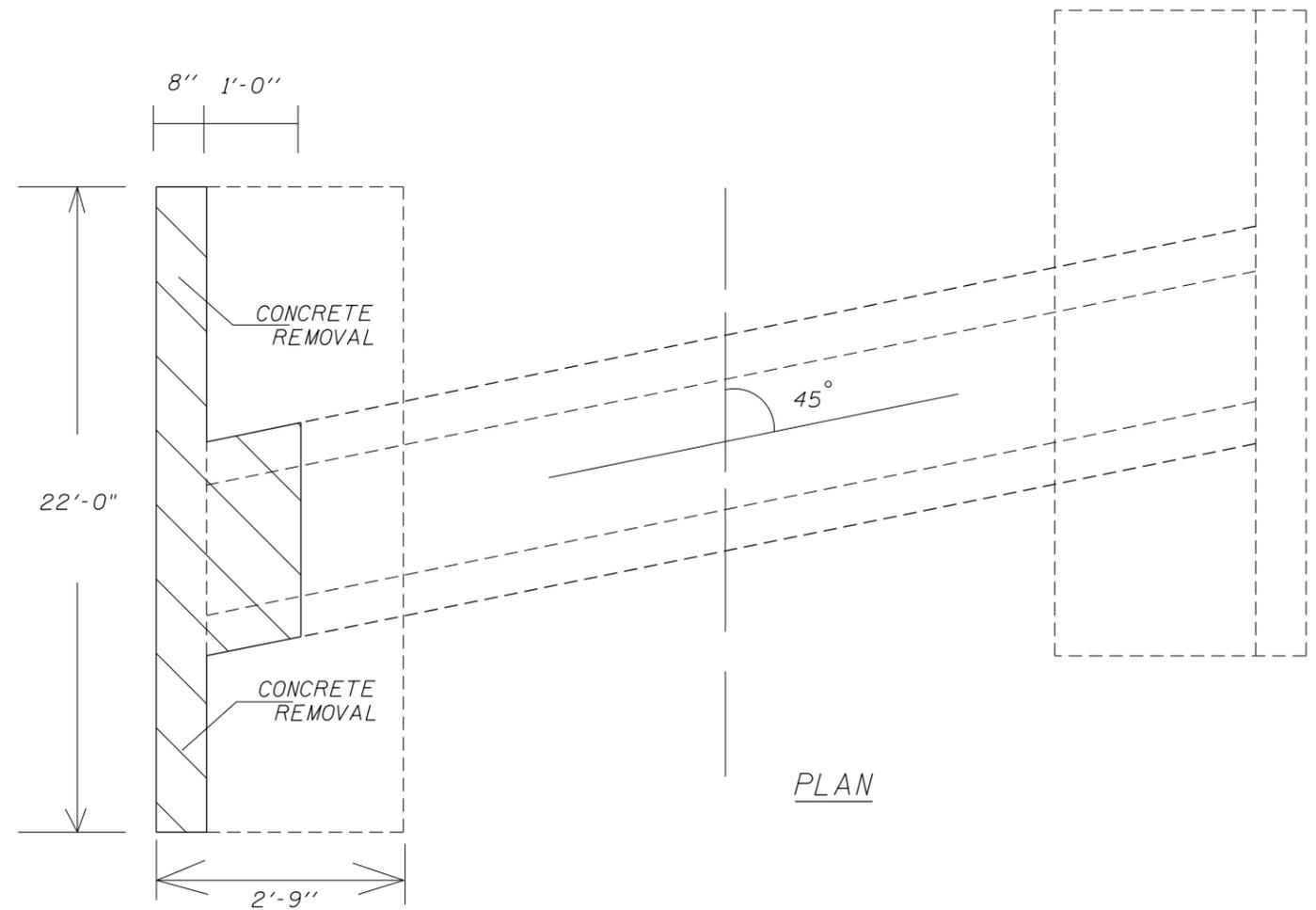
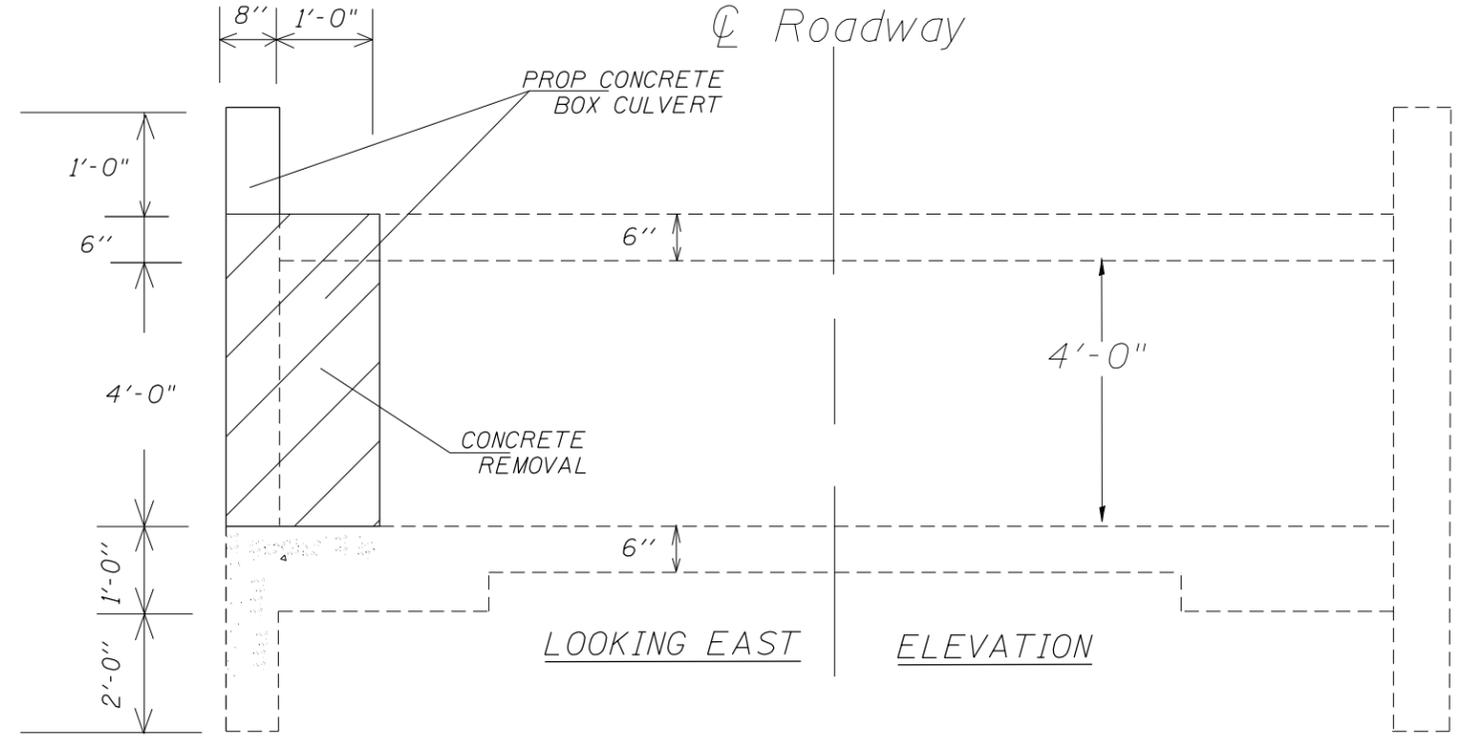
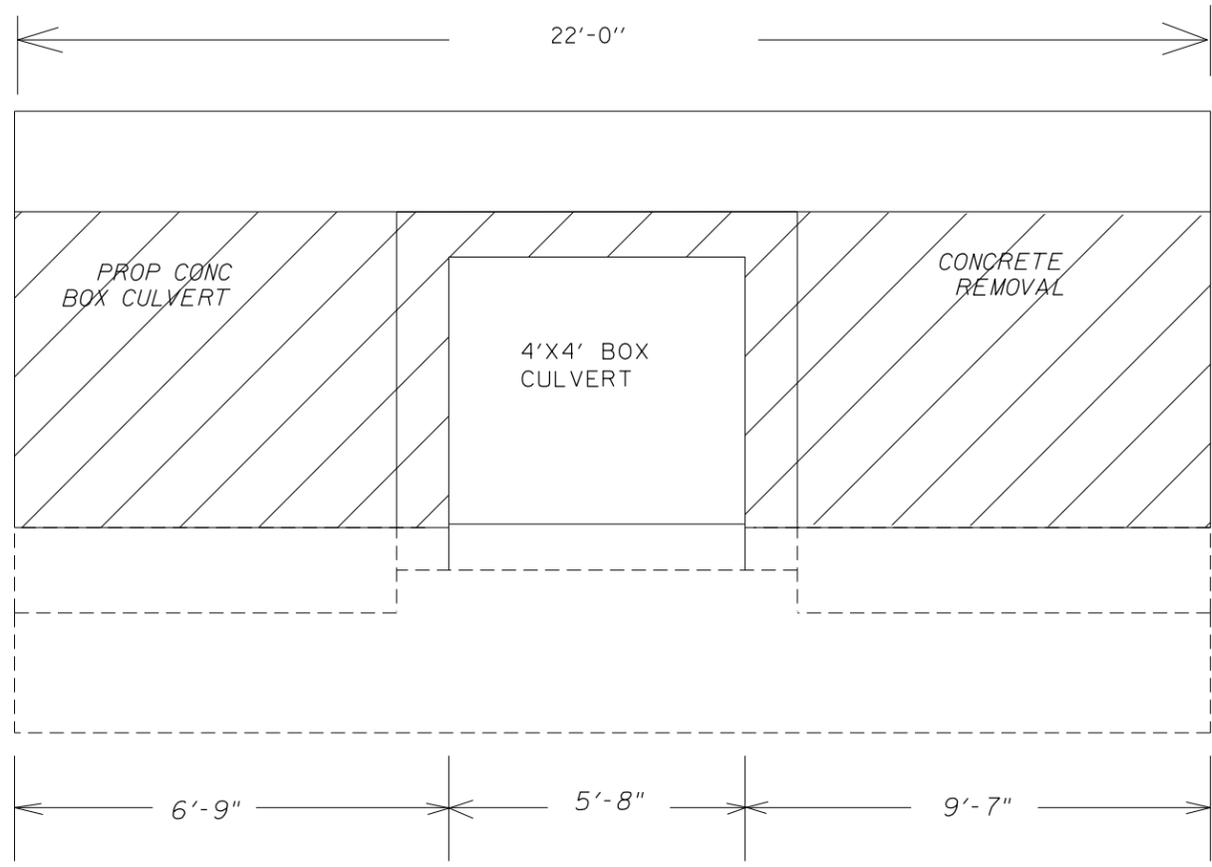
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Proposed Items

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402		PEORIA	76	28
CONTRACT NO. 68614				

(110,111,112,113)RS-3; 114RS-4; 112C-2



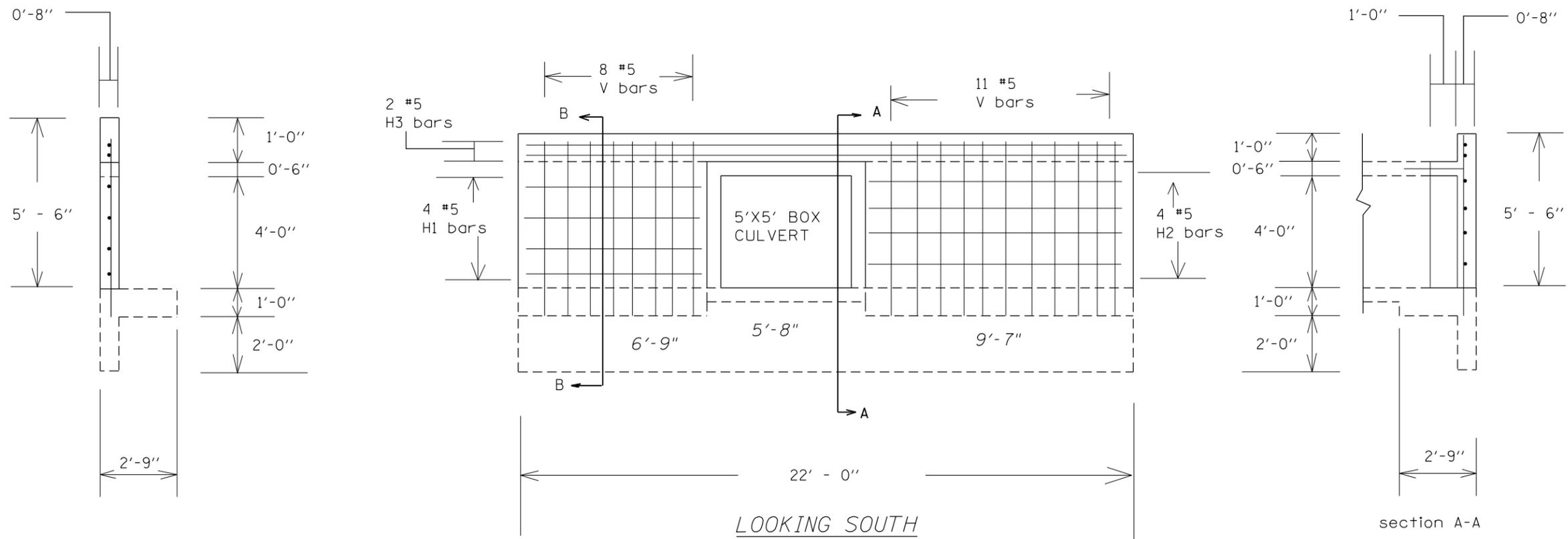
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE =		
	PLOT DATE = 3/20/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE BOX CULVERT REPAIR STA 943 + 45

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

F.A. RTE. FAS 2402 U.S. 150	SECTION (110,111,112,113)RS-3; 114RS-4;112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 29
FED AID PROJECT			CONTRACT NO. 68614	

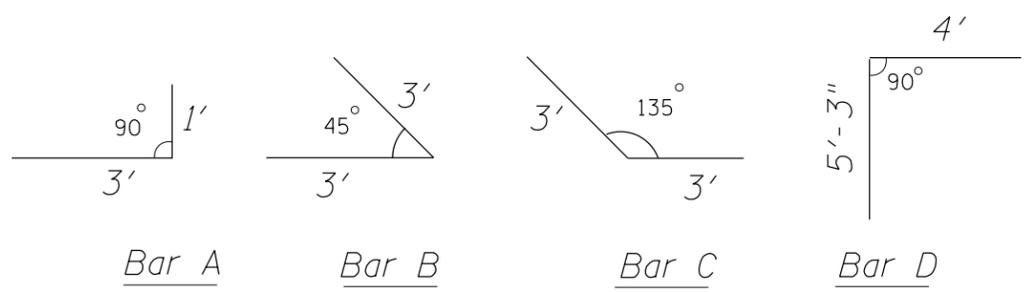


bar size	min lap	
	barrels	wall
#4	1'-4"	1'-8"
#5	1'-8"	2'-2"
#6	2'-0"	2'-7"
#7	2'-9"	3'-5"
#8	3'-8"	4'-6"
#9	4'-7"	5'-9"

section B-B

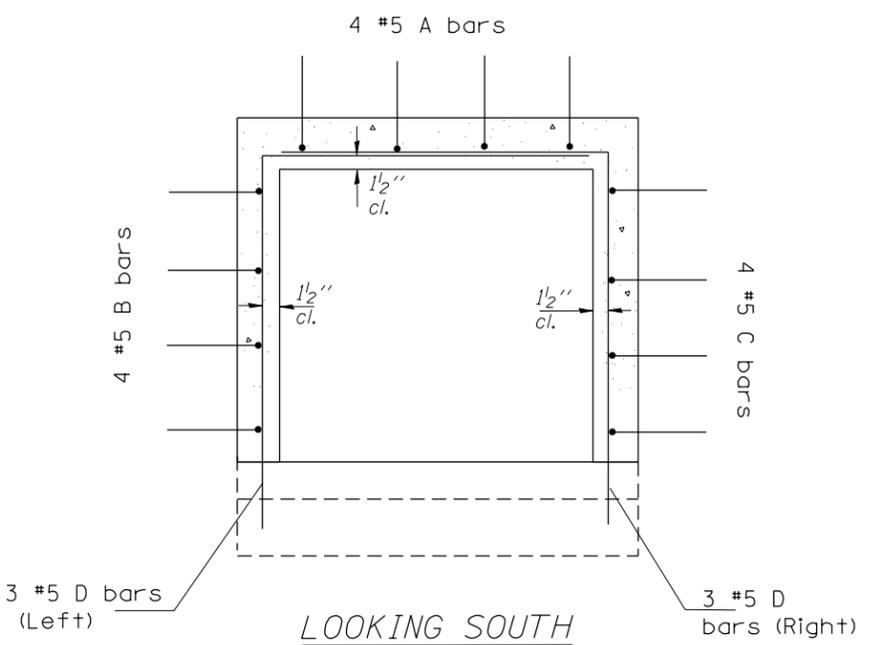
section A-A

LOOKING SOUTH



BILL OF MATERIALS

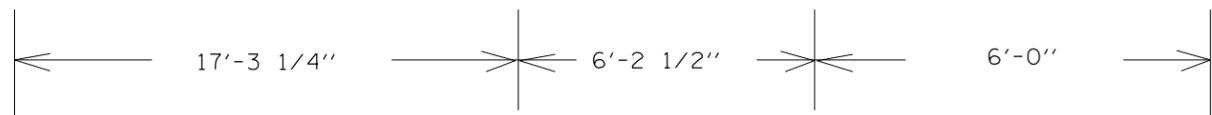
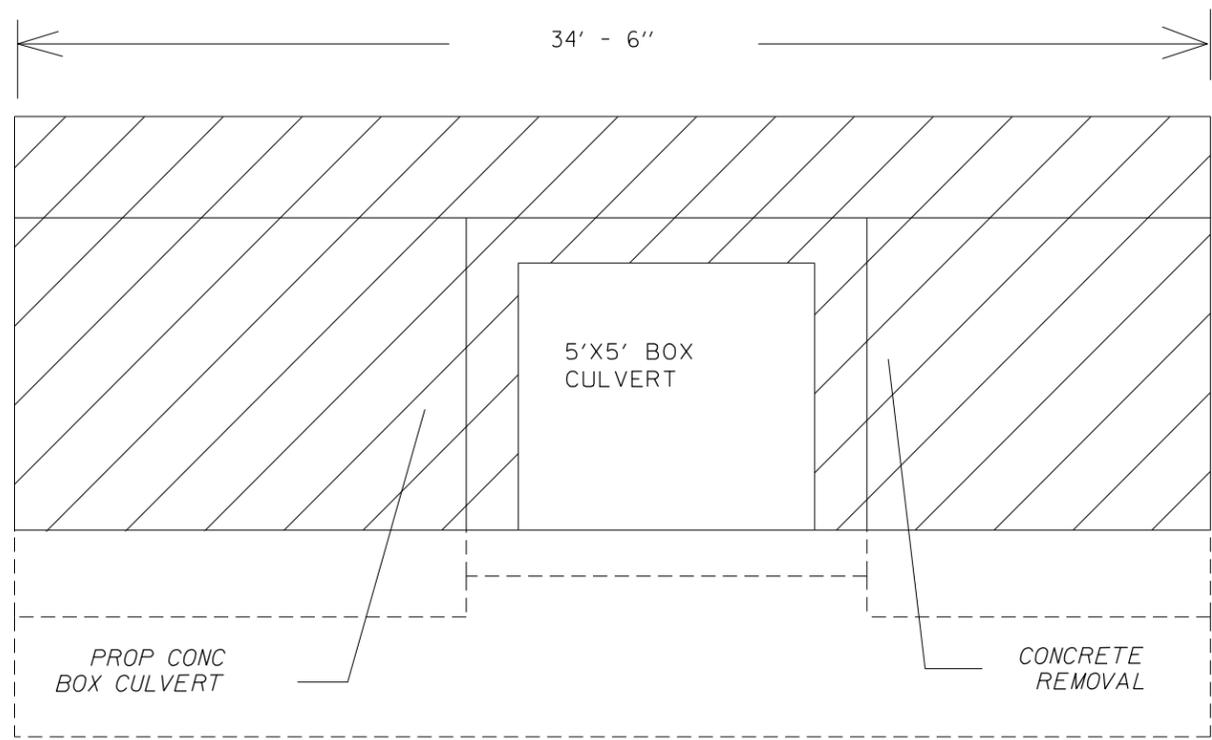
bar	quant	size	length	shape
A	4	#5	4'-0"	L
B	4	#5	6'-0"	∟
C	4	#5	6'-0"	∟
D	6	#5	9'-3"	└
H1	4	#5	6'-6"	—
H2	4	#5	9'-3"	—
H3	2	#5	21'-6"	—
V	19	#5	6'-3"	—
Reinforcement bars (pounds)				360
CONCRETE (CU. YD)				2.9
CONCRETE REMOVAL CU. YD				2.3



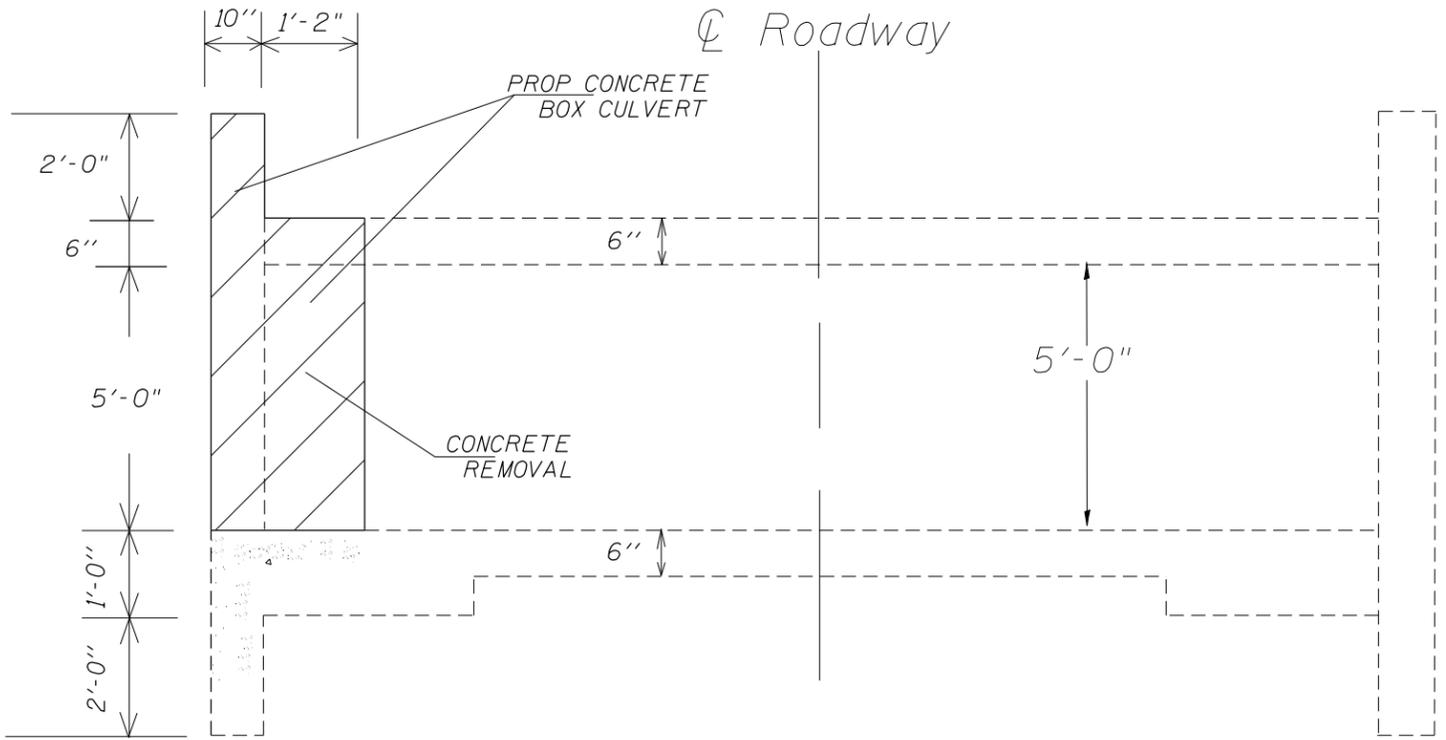
LOOKING SOUTH

NOTES

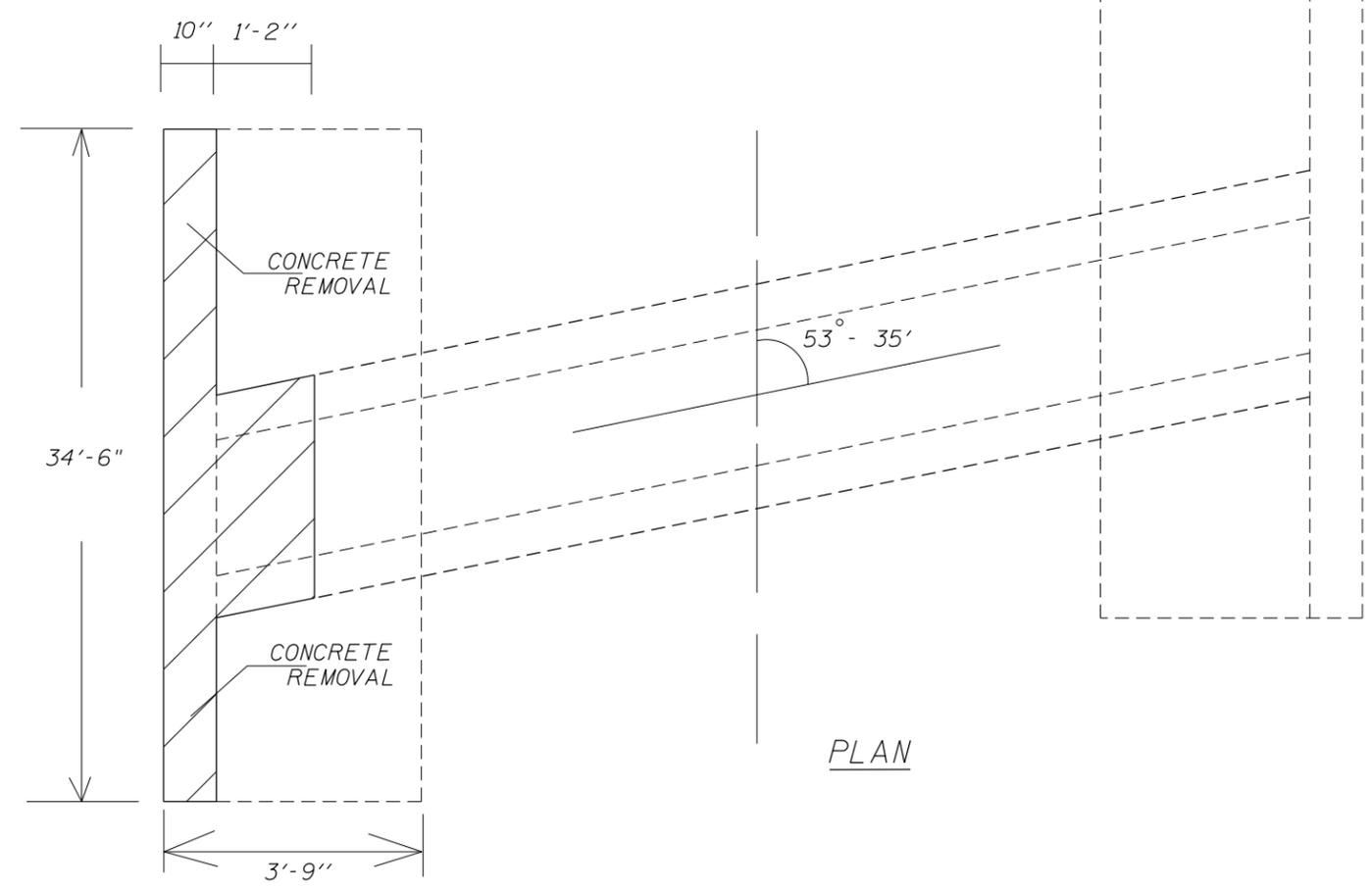
- FOR EACH BAR A,B,C,D, AND V BARS DRILL 3/4" DIA HOLE 1' DEEP MINIMUM.
- FILL DRILLED HOLES WITH EPOXY TO INSTALL ABOVE RE-BARS
- THE COSTS FOR DRILLING HOLES AND FILLING WITH EPOXY ARE INCLUDED IN THE UNIT PRICE OF CONCRETE REMOVAL (CU YD)



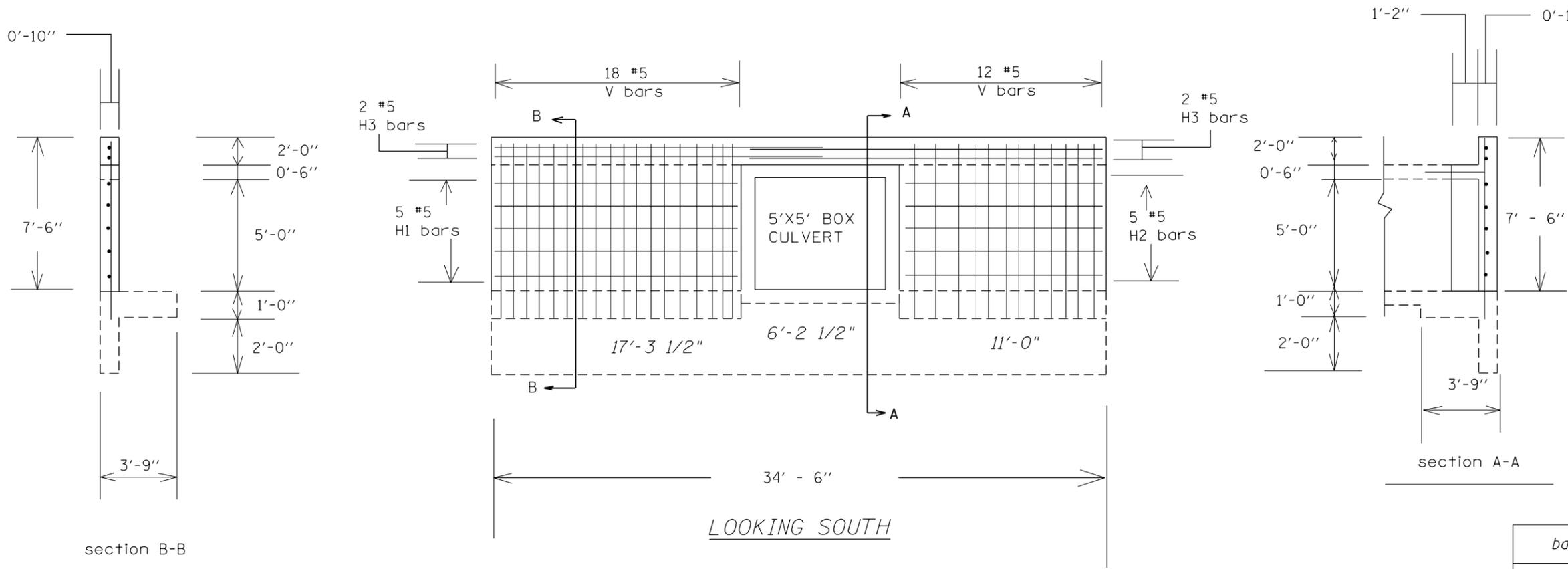
FRONT VIEW (NORTH SIDE LOOKING SOUTH)



ELEVATION (LOOKING EAST)

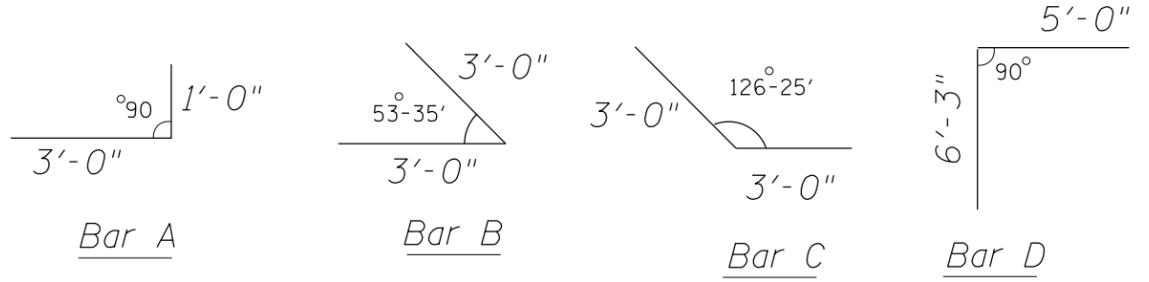


FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE BOX CULVERT REPAIR STA 953 + 83.5			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					U.S. 150	114RS-4;112C-2	PEORIA	76	31
		PLOT SCALE = 6.5540' / in.	CHECKED -		REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED AID PROJECT			CONTRACT NO. 68614
		PLOT DATE = 3/20/2013	DATE -		REVISED -							



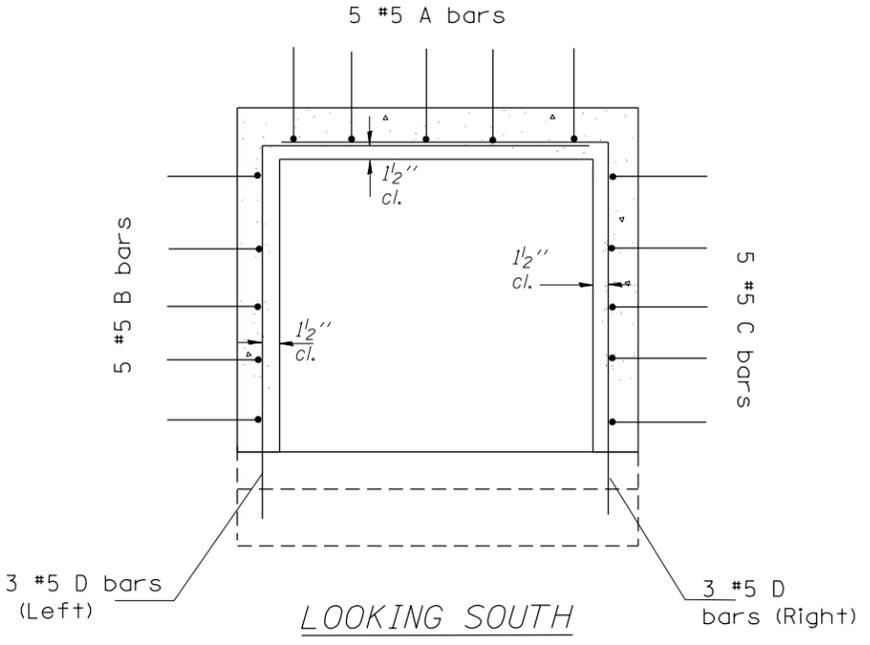
bar size	min lap	
	barrels	wall
#4	1'-4"	1'-8"
#5	1'-8"	2'-2"
#6	2'-0"	2'-7"
#7	2'-9"	3'-5"
#8	3'-8"	4'-6"
#9	4'-7"	5'-9"

LOOKING SOUTH



BILL OF MATERIALS

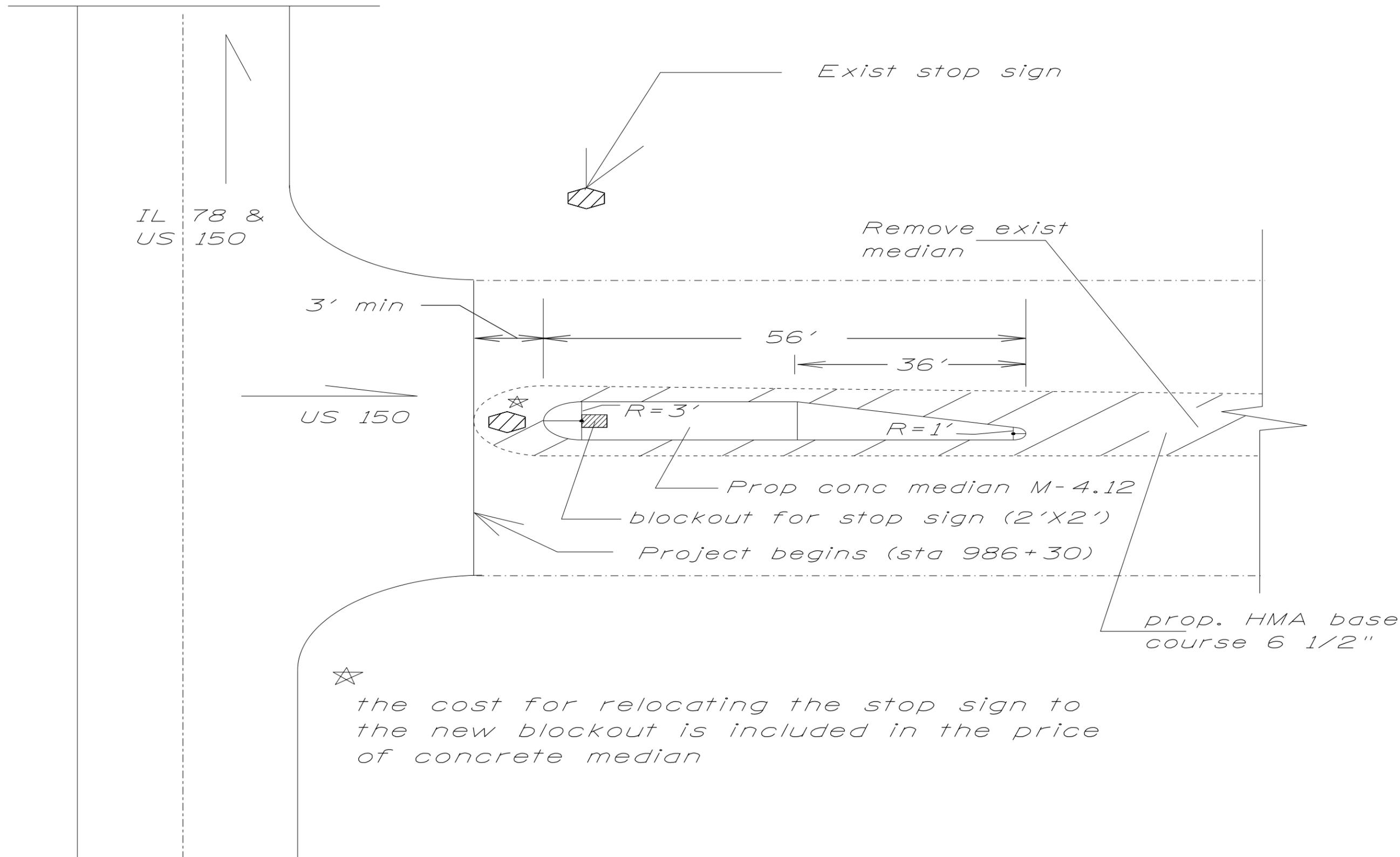
bar	quant	size	length	shape
A	5	#5	4'-0"	L
B	5	#5	6'-0"	>
C	5	#5	6'-0"	<
D	6	#5	11'-3"	└
H1	5	#5	17'-0"	—
H2	5	#5	10'-6"	—
H3	4	#5	18'-0"	—
V	30	#5	8'-0"	—
Reinforcement bars (pounds)				623
CONCRETE BOX CULVERT (CU. YD)				7.6
CONCRETE REMOVAL (CU. YD)				7.6



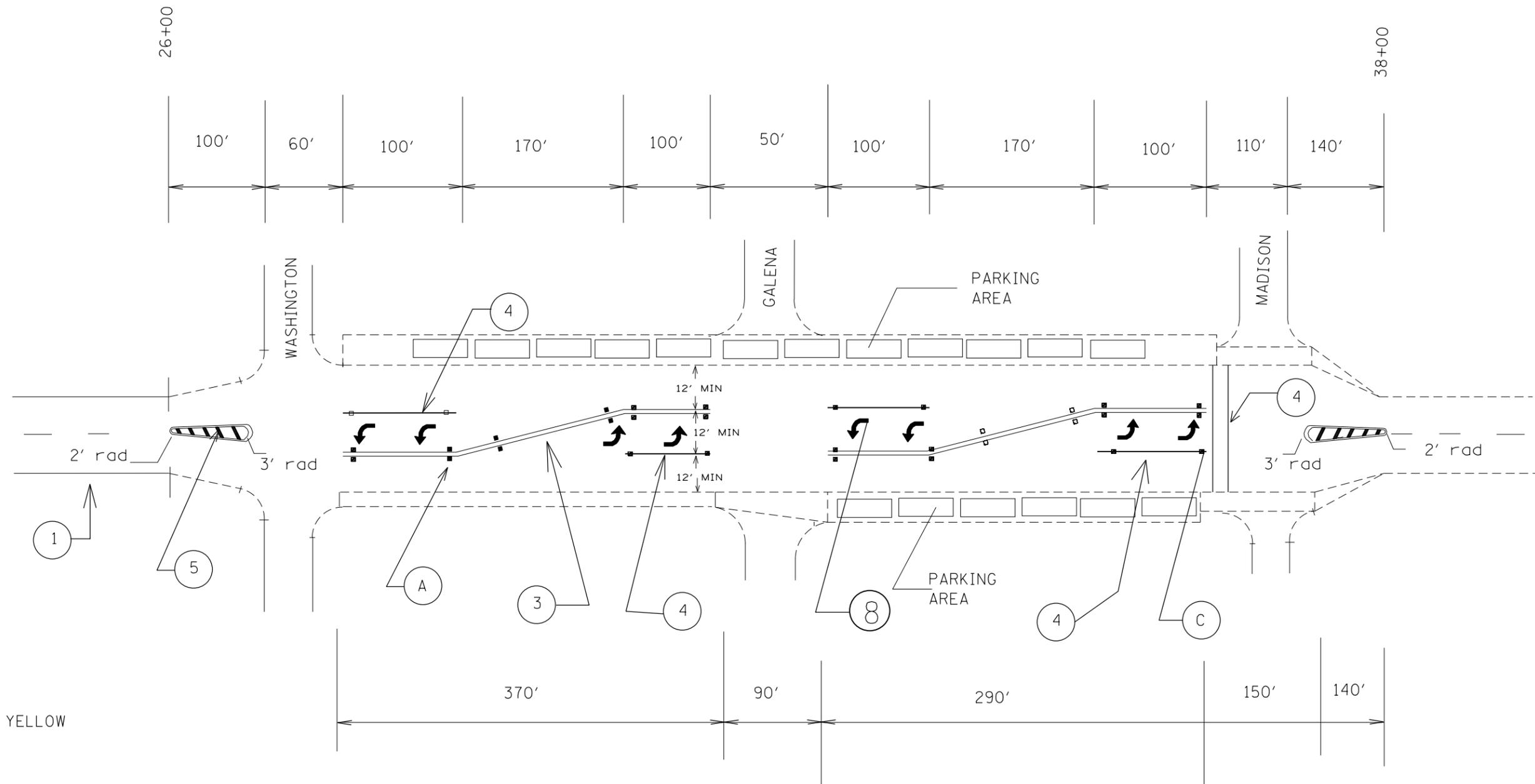
LOOKING SOUTH

NOTES

- FOR EACH BAR A,B,C,D, AND V BARS DRILL 3/4" DIA HOLE 1' DEEP MINIMUM.
- FILL DRILLED HOLES WITH EPOXY TO INSTALL ABOVE RE-BARS
- THE COSTS FOR DRILLING HOLES AND FILLING WITH EPOXY ARE INCLUDED IN THE UNIT PRICE OF CONCRETE REMOVAL (CU YD)



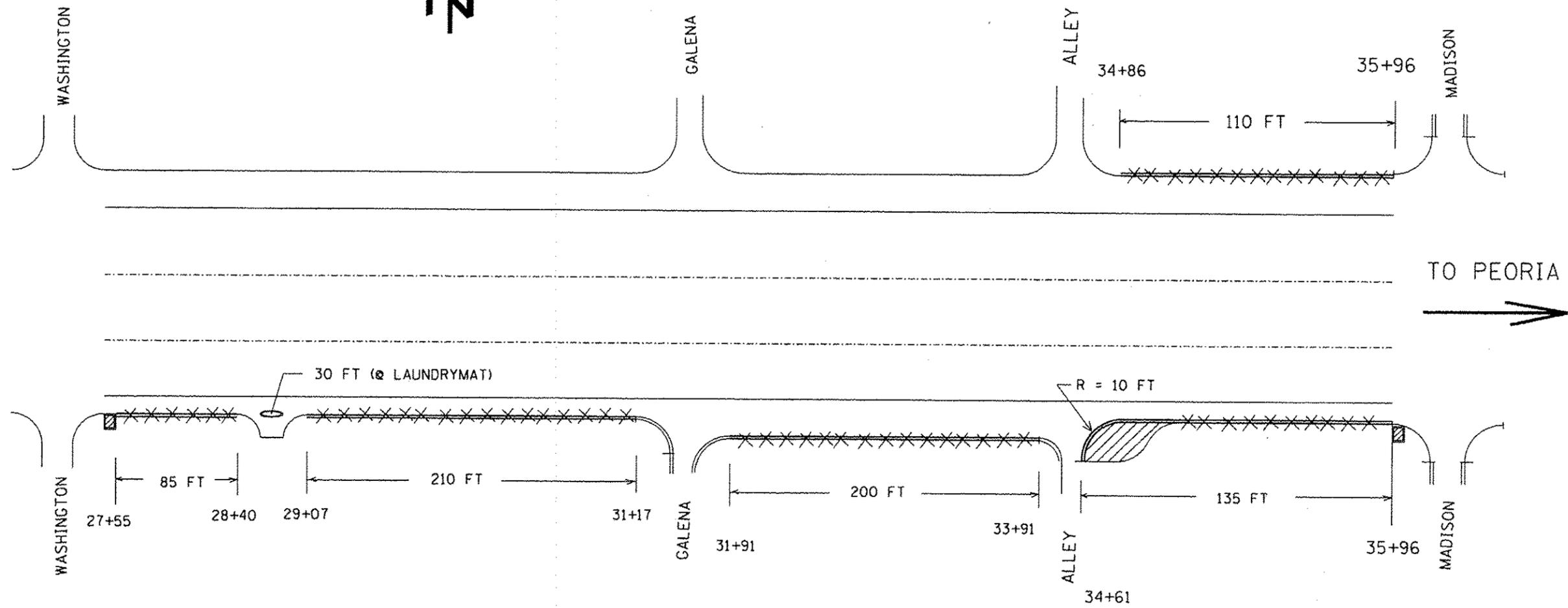
FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<i>CONCRETE MEDIAN REPAIR</i>			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					U.S. 150	114RS-4:112C-2	PEORIA	76	33
		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED AID PROJECT	CONTRACT NO. 68614	
		DATE -	REVISED -									



- ① 4" WHITE
- ② 4" YELLOW
- ③ 4" DOUBLE YELLOW
- ④ 6" WHITE
- ⑤ 12" YELLOW
- ⑥ 12" WHITE
- ⑦ 24" STOP BAR WHITE
- ⑧ TURN ARROW

- Ⓐ RPM AMBER
- Ⓒ RPM CRISTAL

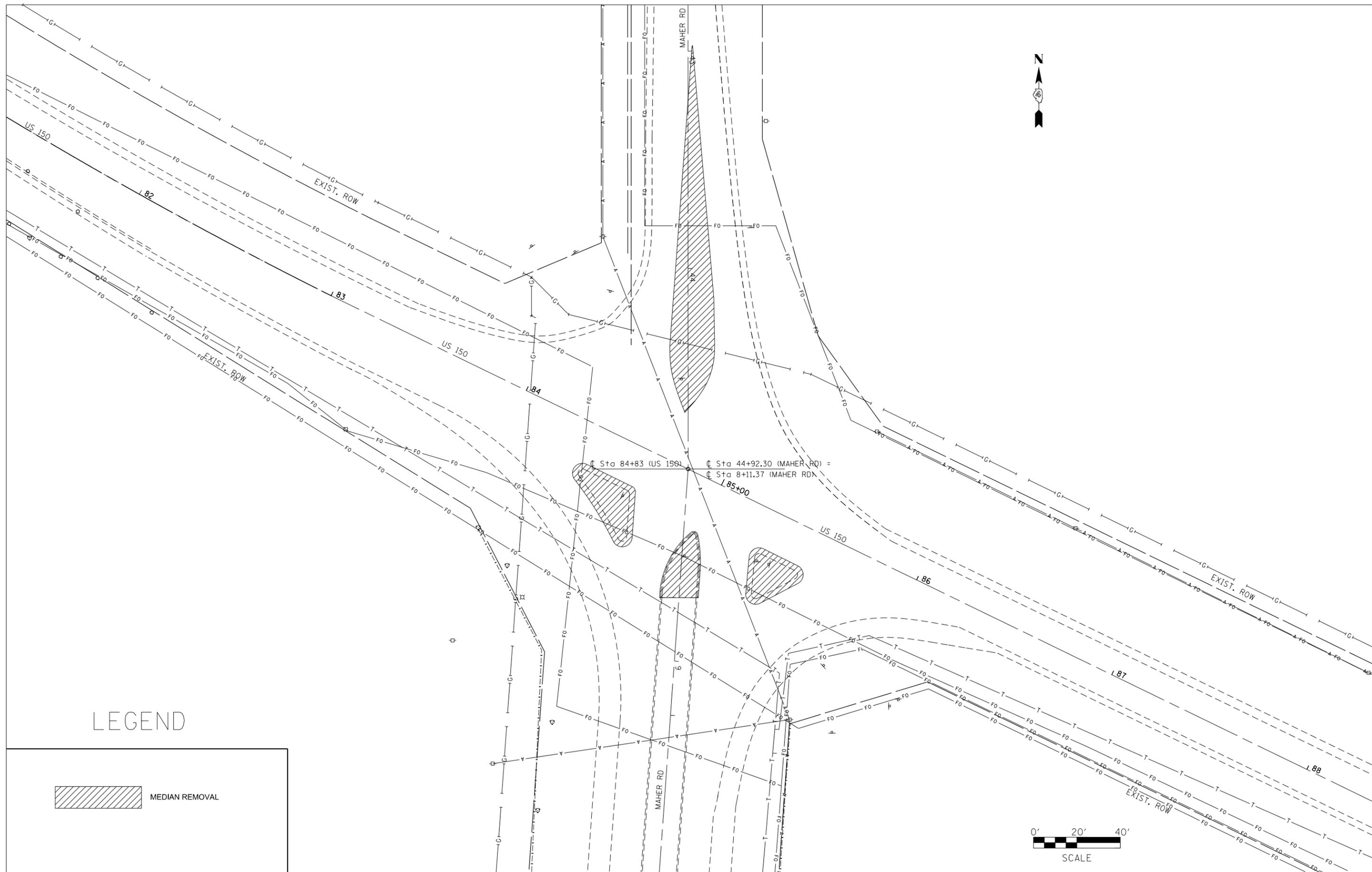
FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING IN BRIMFIELD			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					U.S. 150	114RS-4;112C-2	PEORIA	76	34
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED AID PROJECT		CONTRACT NO. 68614		
		DATE -	REVISED -									




 COMB. CONC. CURB & GUTTER
 REMOVAL & REPLACEMENT

NOT TO SCALE

FILE NAME * 68614 plans.dgn	USER NAME * roming	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONC CURB & GUTTER REMOVAL & REPLACEMENT	F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 7.0004 1/8 in.	CHECKED -	REVISED -			ILL. 150	114RS-4(112C-2	PEORIA	76	34A
	PLOT DATE * 5/19/2013	DATE -	REVISED -		SCALE: _____ SHEET NO. _____ OF _____ SHEETS	FED AID PROJECT		CONTRACT NO. 68614		



LEGEND

 MEDIAN REMOVAL

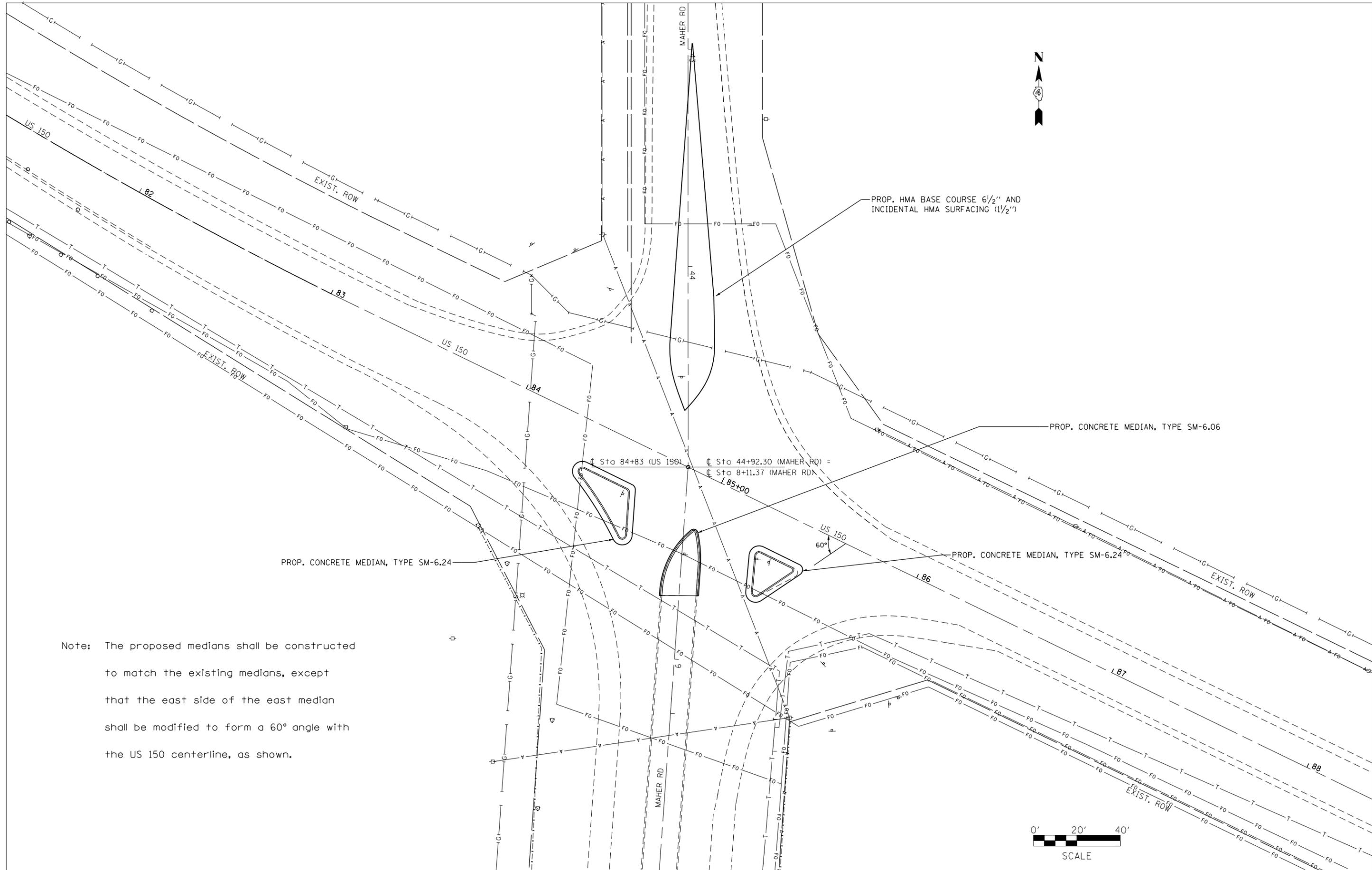
FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 40.0000' / in.		
	PLOT DATE = 3/20/2013		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

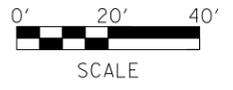
EXISTING AND REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	112N, TS	PEORIA	76	35
CONTRACT NO. 68B23				
ILLINOIS FED. AID PROJECT				



Note: The proposed medians shall be constructed to match the existing medians, except that the east side of the east median shall be modified to form a 60° angle with the US 150 centerline, as shown.

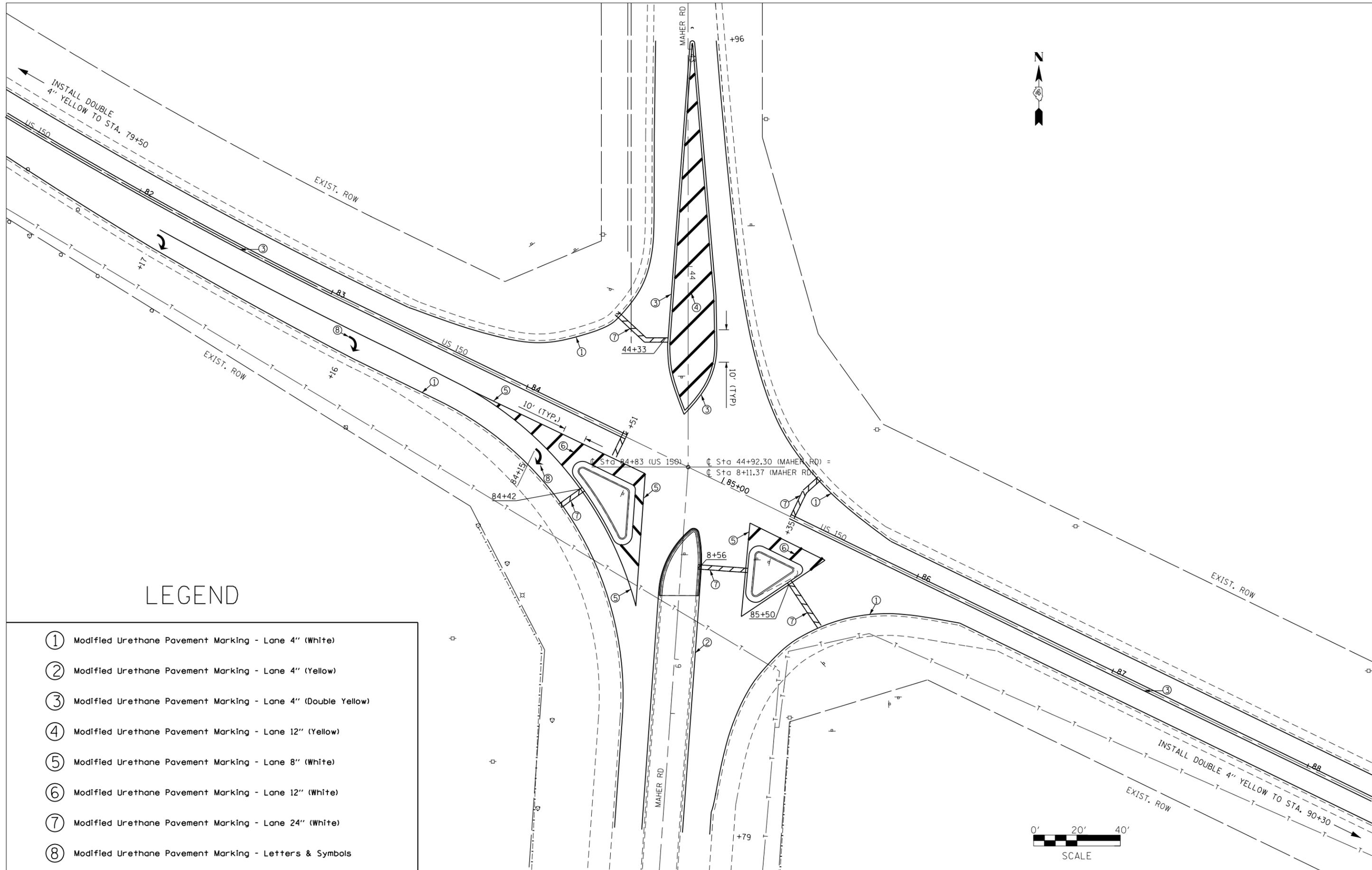


FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	112N, TS	PEORIA	76	36
CONTRACT NO. 68B23				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① Modified Urethane Pavement Marking - Lane 4" (White)
- ② Modified Urethane Pavement Marking - Lane 4" (Yellow)
- ③ Modified Urethane Pavement Marking - Lane 4" (Double Yellow)
- ④ Modified Urethane Pavement Marking - Lane 12" (Yellow)
- ⑤ Modified Urethane Pavement Marking - Lane 8" (White)
- ⑥ Modified Urethane Pavement Marking - Lane 12" (White)
- ⑦ Modified Urethane Pavement Marking - Lane 24" (White)
- ⑧ Modified Urethane Pavement Marking - Letters & Symbols

FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 40.0000' / in.			
PLOT DATE = 3/20/2013			

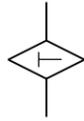
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

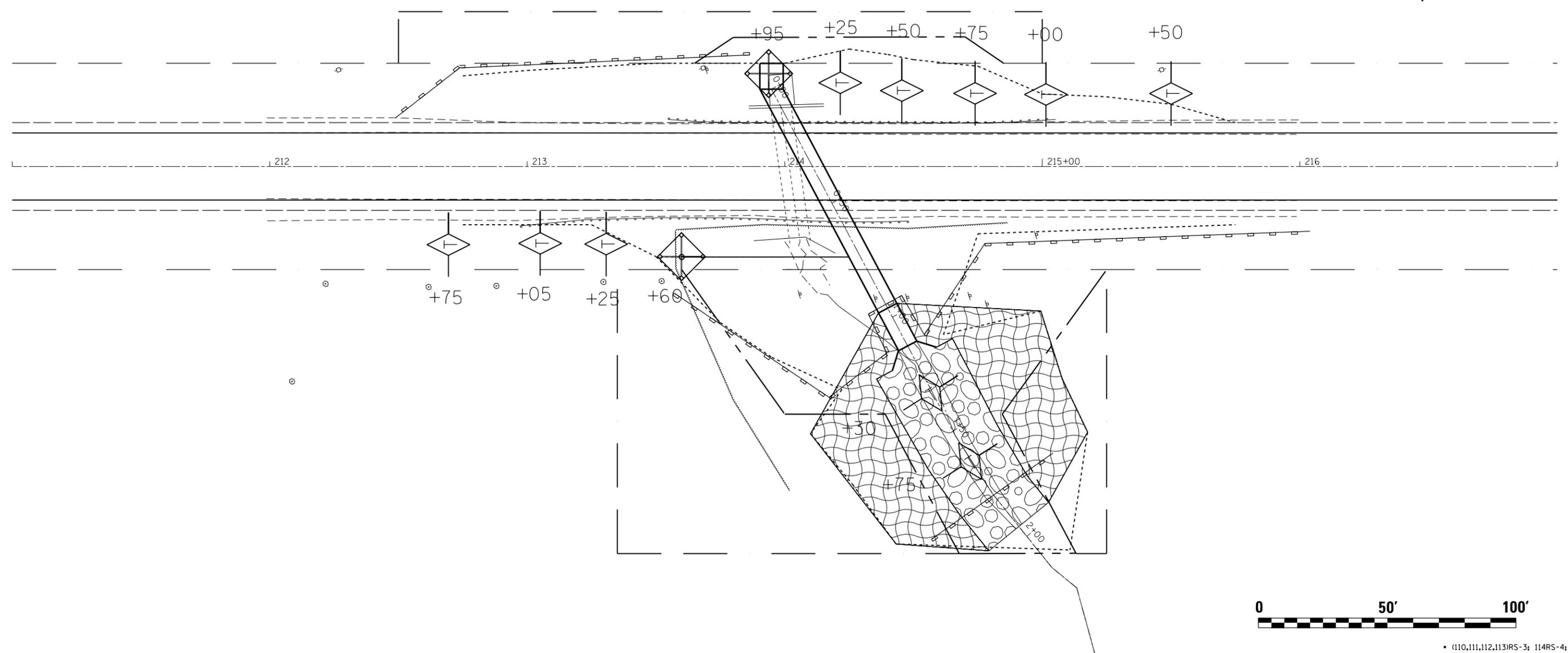
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	112N, TS	PEORIA	76	37
CONTRACT NO. 68B23				
ILLINOIS FED. AID PROJECT				

LEGEND

-  Temporary Ditch Check
-  Perimeter Erosion Barrier
-  Inlet and Pipe Protection
-  Erosion Control Blanket

US 150 CL 214+10.76 =
 CULVERT CL 0+33.91
 CULVERT SKEW = 28 DEG



FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/20/2013	DATE -	REVISED -

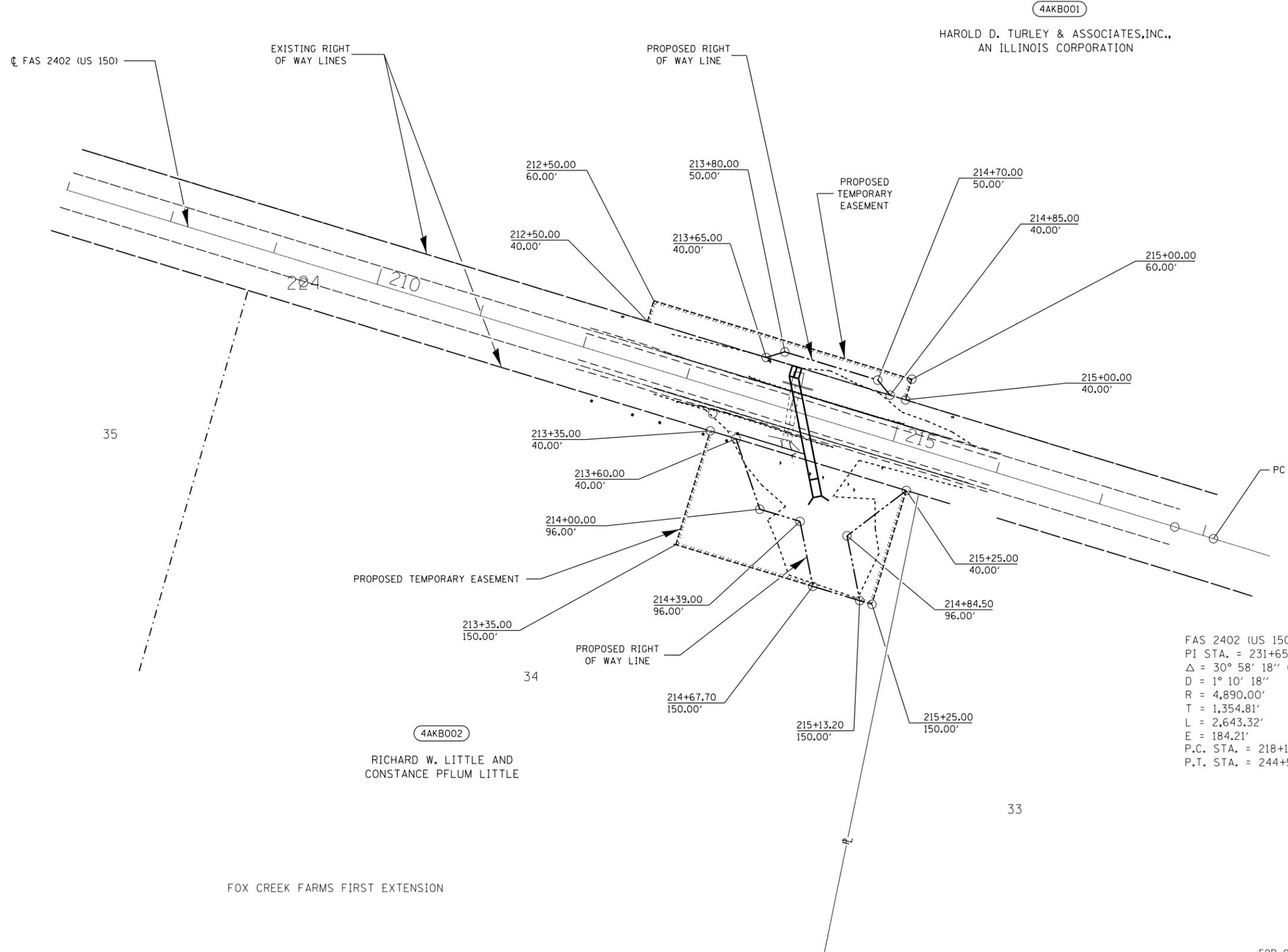
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Erosion Control Items

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402		PEORIA	76	38
CONTRACT NO. 68614				
ILLINOIS FED. AID PROJECT				

(110,111,112,113)RS-3; 114RS-4; 112C-2



4AKB001
 HAROLD D. TURLEY & ASSOCIATES, INC.,
 AN ILLINOIS CORPORATION

4AKB002
 RICHARD W. LITTLE AND
 CONSTANCE PFLUM LITTLE

FAS 2402 (US 150)
 PI STA. = 231+65.20
 $\Delta = 30^\circ 58' 18''$ (RT)
 $D = 1^\circ 10' 18''$
 $R = 4,890.00'$
 $T = 1,354.81'$
 $L = 2,643.32'$
 $E = 184.21'$
 P.C. STA. = 218+10.39
 P.T. STA. = 244+53.71

FOX CREEK FARMS FIRST EXTENSION

FOR OLD R.O.W. SEE
 PLAN FILE 15 PG. 32
 PLAT FILE 123

15 32A

FILE NAME: D4-68614-ROW.DGN JOBFOX.GPK INFOFOX.JPF	USER NAME	DESIGNED -	REVISED -
		DRAWN - RTS	REVISED -
	PLOT SCALE = 1" = 100'	CHECKED - PCF	REVISED -
	PLOT DATE = 12/21/2012	DATE - 12/12	REVISED -

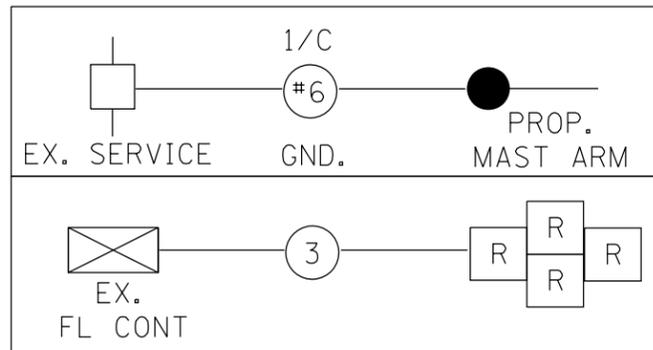
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS			
PROJECT	JOB NO. R 94-009-10		
SCALE: 1"=100'	SHEET 1	OF 1 SHEETS	STA. 212+50 TO STA. 215+25

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	110,111,112,113RS-3; 11RS-4; 112C-2	PEORIA	76	39
CATALOG NO. 033305-00		CONTRACT NO. 68614		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

THE PROPOSED BEACON SHALL BE LOCATED OVER THE INTERSECTION CENTER LINES OF US 150 & MAHER RD.

WIRING DIAGRAM

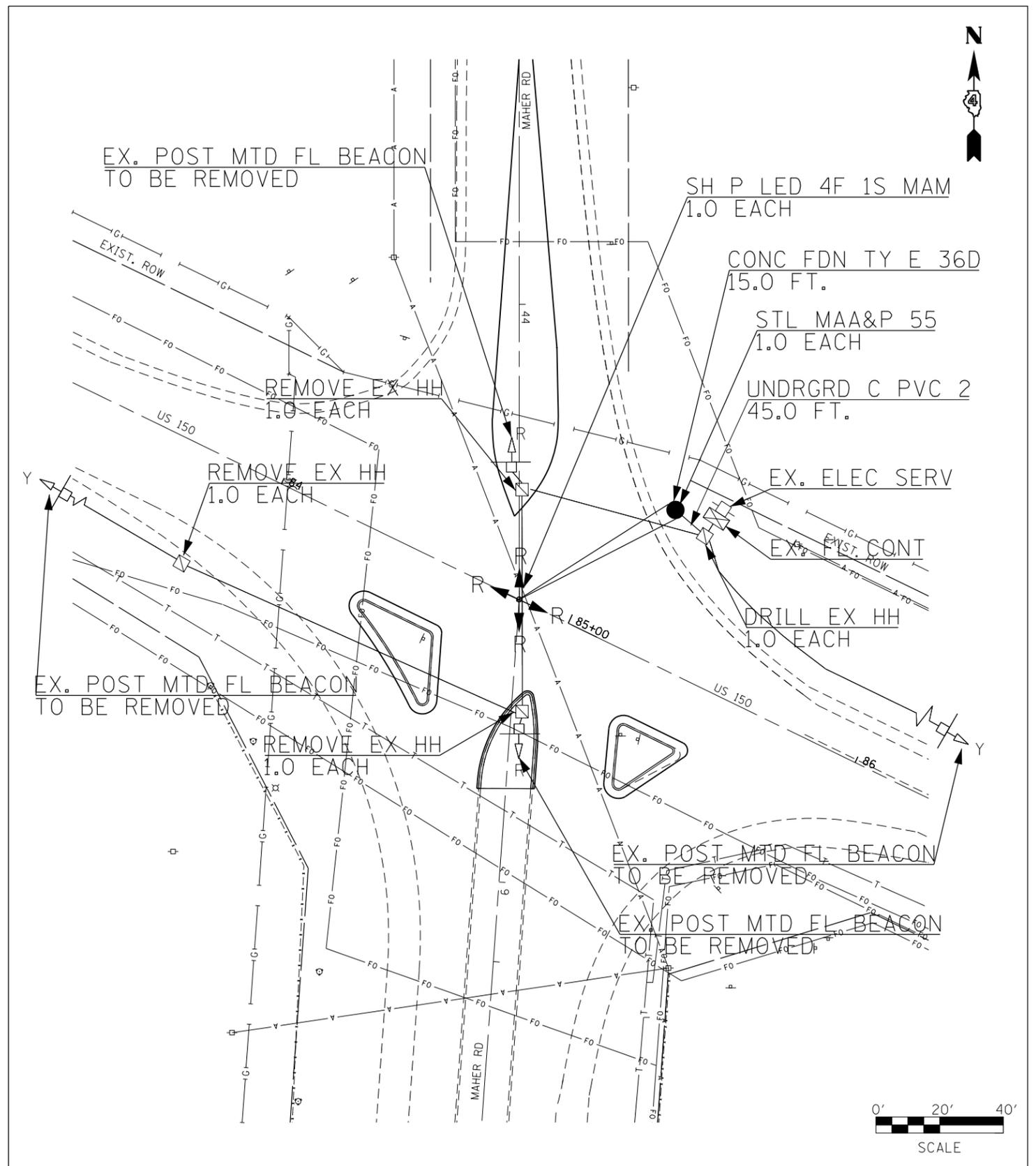


SCHEDULE OF QUANTITIES - US 150 & MAHER ROAD FLASHING BEACON

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	45
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	65.5
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	140.5
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST ARM MOUNTED	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3

CONSTRUCTION NOTES

1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. THE LOCATIONS FOR MASTARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL NOTIFY RANDY LANINGA AT (309) 671-4477 FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
5. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
6. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
7. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 17 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
8. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
9. THE EXISTING FLASHING BEACONS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED FLASHING BEACON.
10. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
11. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
12. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.



FILE NAME	USER NAME	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/20/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Flashing Beacon Plans

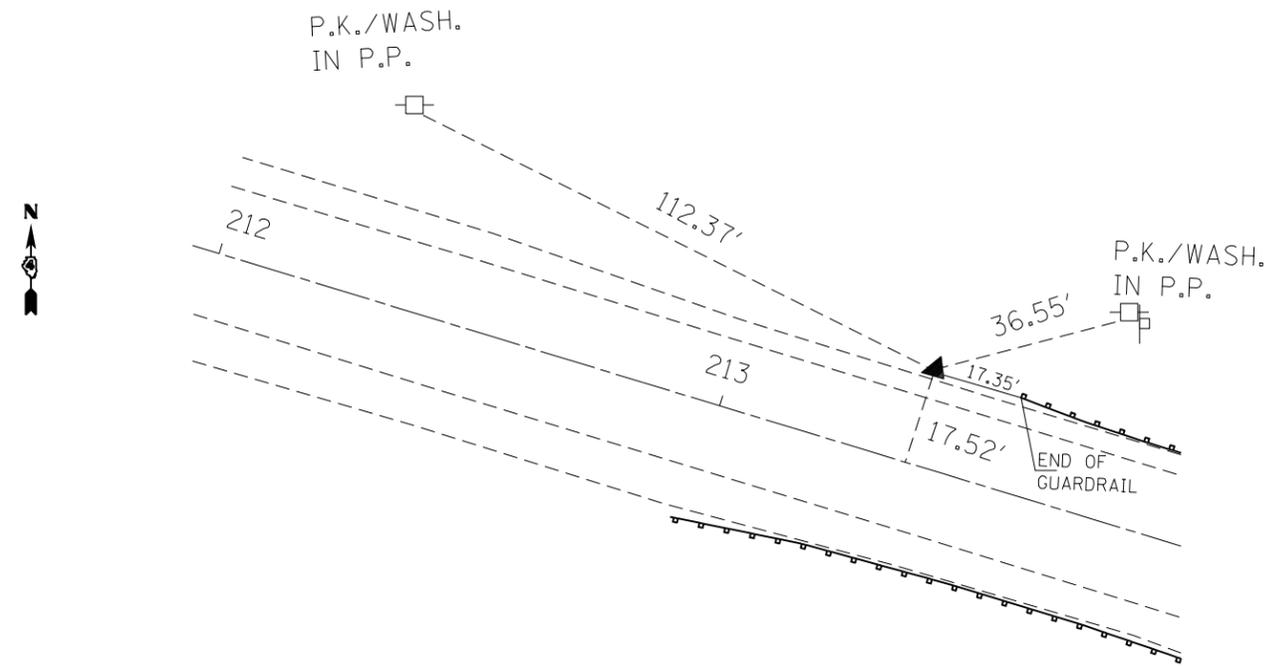
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	.	PEORIA	76	40
CONTRACT NO. 68614				
ILLINOIS FED. AID PROJECT				

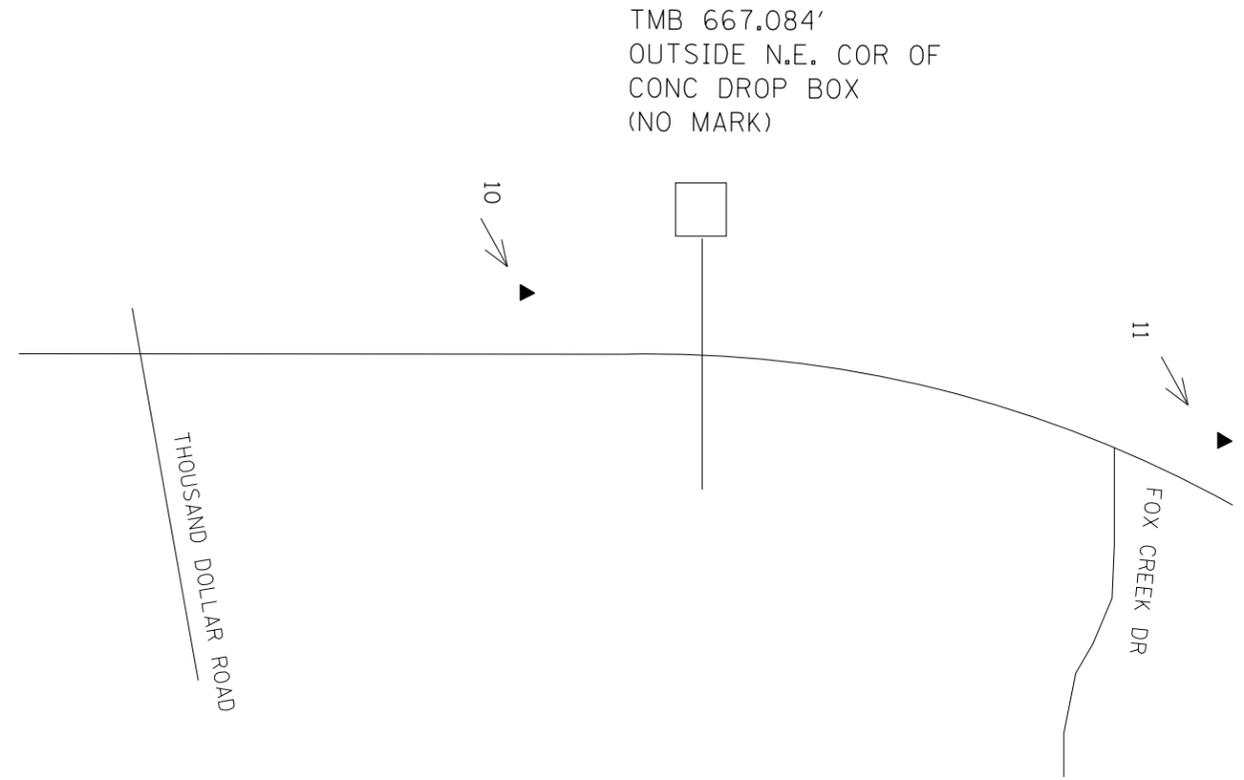
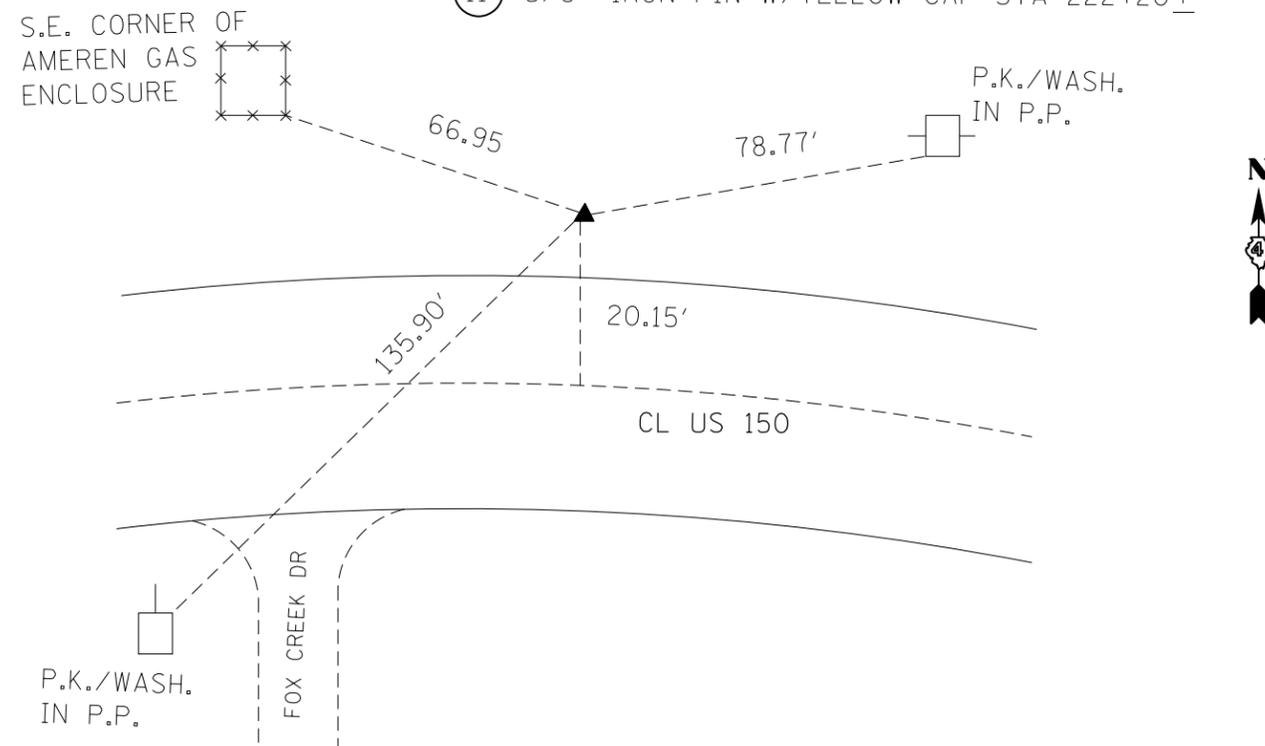
(110,111,112,113)RS-3; 114RS-4; 112C-2

RECOVERY TIES
U.S.150 CULV BY FOX CREEK DR

⑩ 5/8" IRON PIN W/YELLOW CAP STA 212+64±



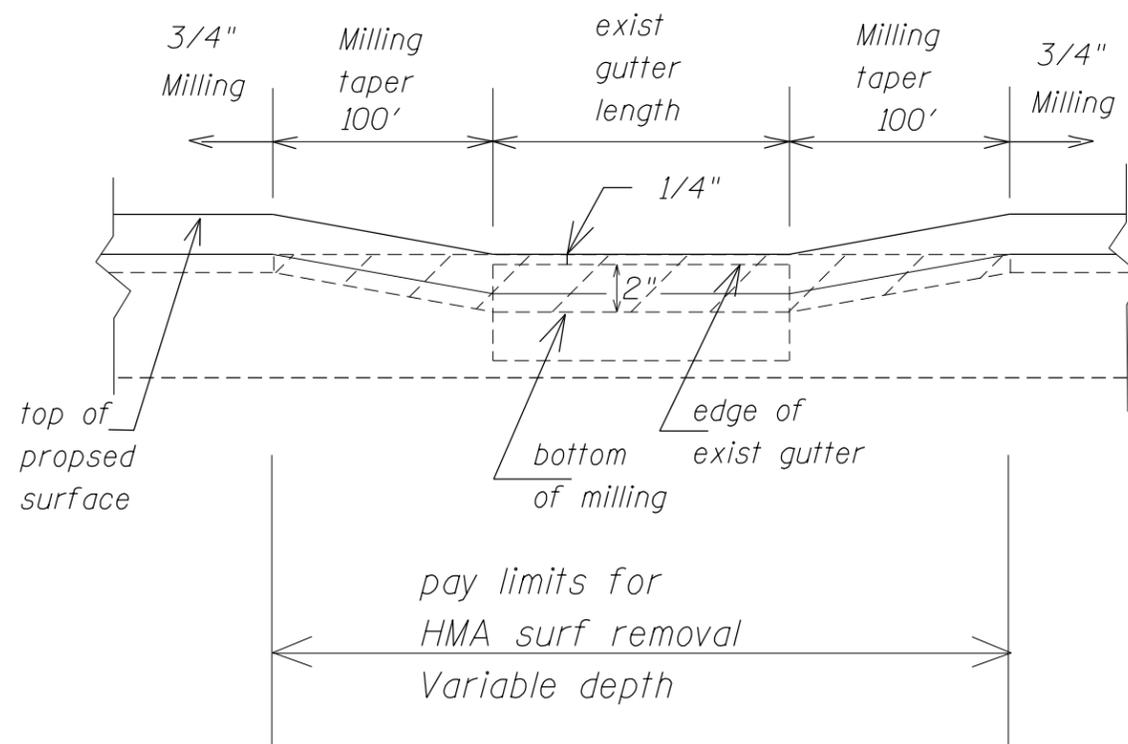
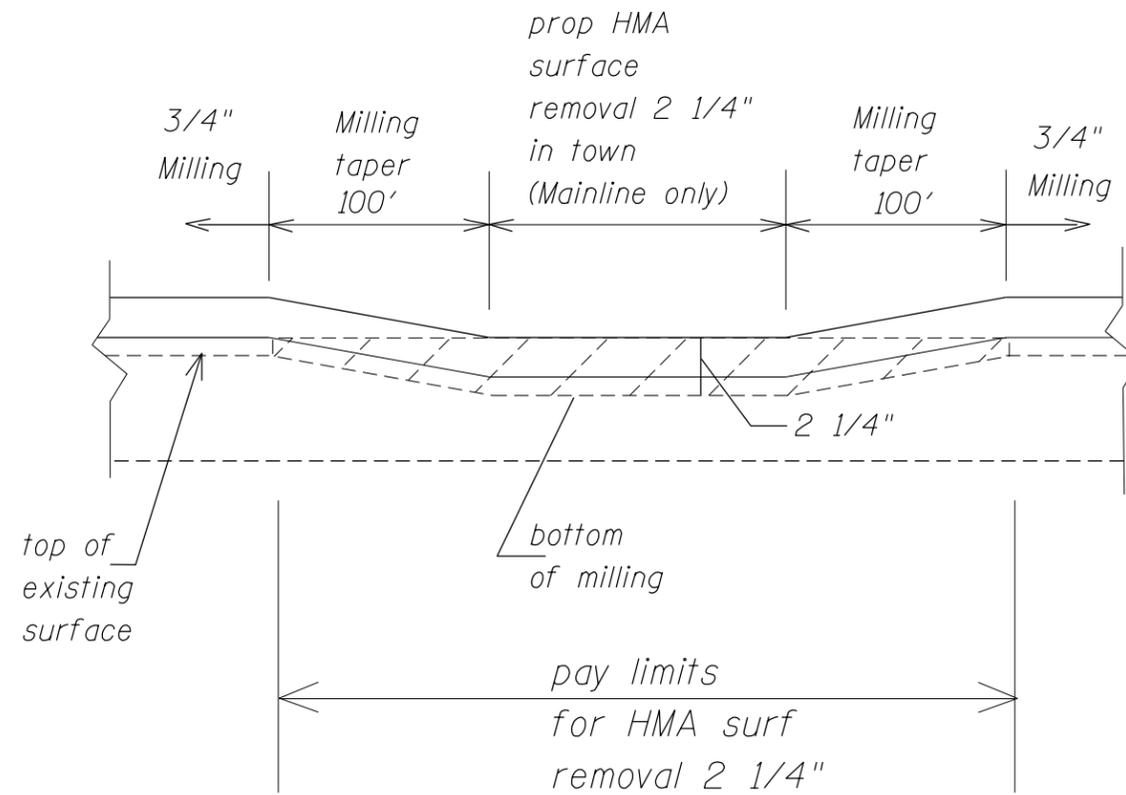
⑪ 5/8" IRON PIN W/YELLOW CAP STA 222+20±



GROUND COORDINATES

⑩	N 1,512,037.2286 E 2,390,689.4098
⑪	N 1,511,737.2286 E 2,391,601.4098

ALL RECOVERY TIES
AND T.B.M. CAME FROM
FIELD BOOK #2906

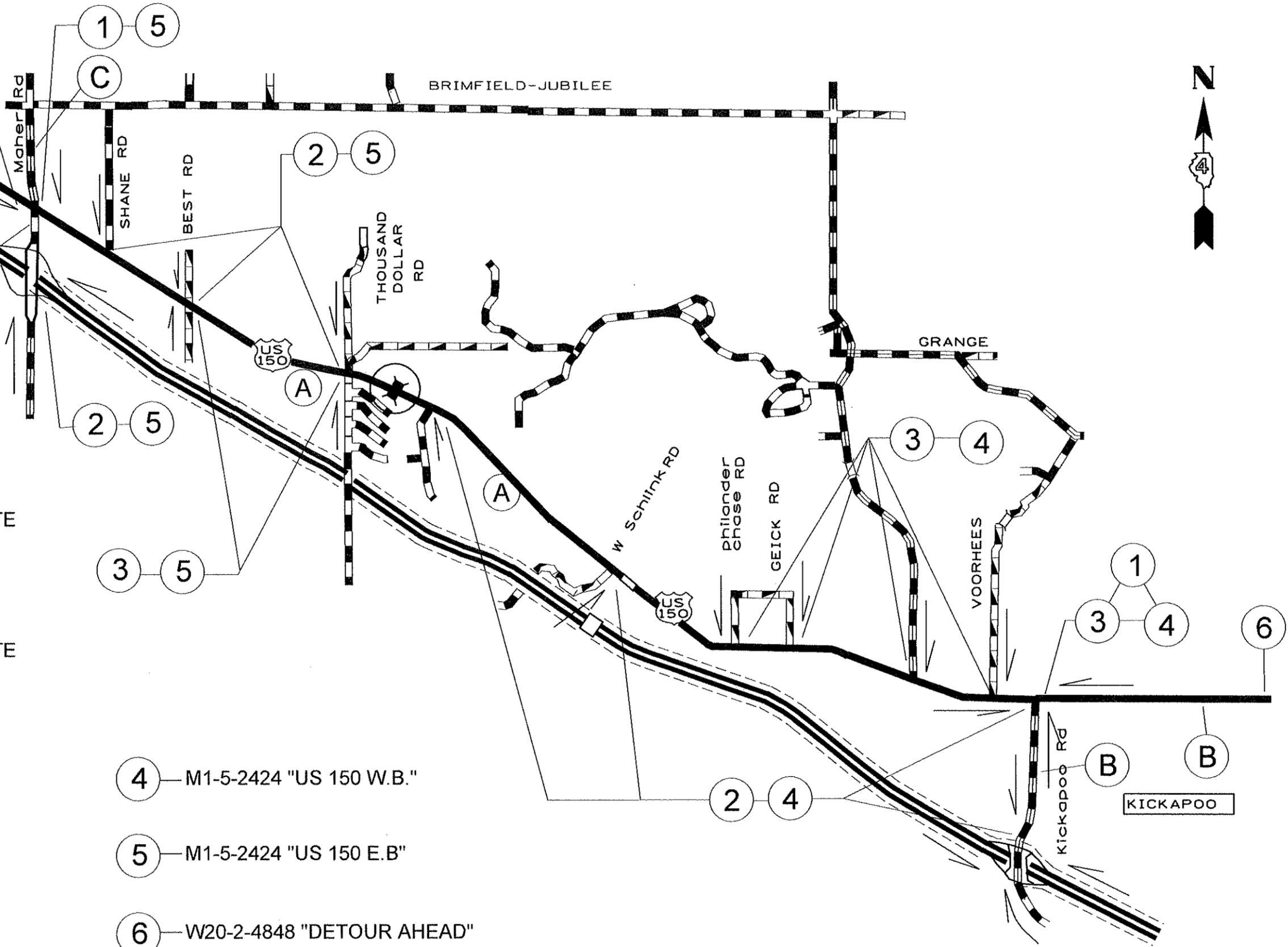


FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<i>HMA SURFACE REMOVAL DETAIL</i>			F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					U.S. 150	114RS-4;112C-2	PEORIA	76	42
		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED AID PROJECT	CONTRACT NO. 68614	
		DATE -	REVISED -									

BRIMFIELD

MARKED DETOUR
SIGNING LEGEND

- A** R11-3-6030
"US 150 CLOSED
EAST OF THOUSAND
DOLLAR RD
1 MILE AHEAD"
- B** "WBND US 150
CLOSED 5 MI.
N. OF KICKAPOO"
6 INCH LETTERING
SIGN SIZE TO ACCOMMODATE
- C** "EBND US 150
CLOSED
3 MILES"
6 INCH LETTERING
SIGN SIZE TO ACCOMMODATE
- 1** M4-8-2412 "DETOUR"
M6-1-2115 (UP ARROW)
- 2** M4-8-2412 "DETOUR"
M6-1-2115 (RIGHT ARROW)
- 3** M4-8-2412 "DETOUR"
M6-1-2115 (LEFT ARROW)
- 4** M1-5-2424 "US 150 W.B."
- 5** M1-5-2424 "US 150 E.B"
- 6** W20-2-4848 "DETOUR AHEAD"



"DRAWING NOT TO SCALE"

FILE NAME = 68614 plans.dgn	USER NAME = smthart	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR AND ROAD CLOSURE		F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 6.5272' / in.	DRAWN -	REVISED -				U.S. 150	114RS-4;112C-2	PEORIA	76	44
	PLOT DATE = 3/29/2013	CHECKED -	REVISED -		SCALE: _____ SHEET NO. ___ OF ___ SHEETS			FED AID PROJECT		CONTRACT NO. 68614	
		DATE -	REVISED -								

GENERAL NOTES

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area during hours of darkness. One light shall be installed above the barricades and the other above the first advance warning sign.

When fluorescent signs are used, orange flags are not required.

All signs shall be post mounted if the closure time exceeds four days.

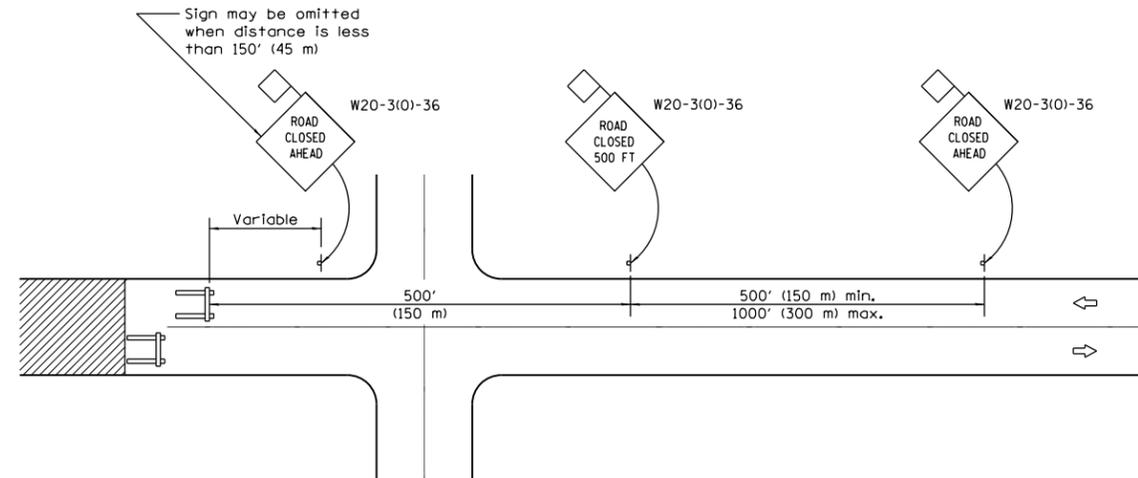
Longitudinal dimensions may be adjusted to fit field conditions.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

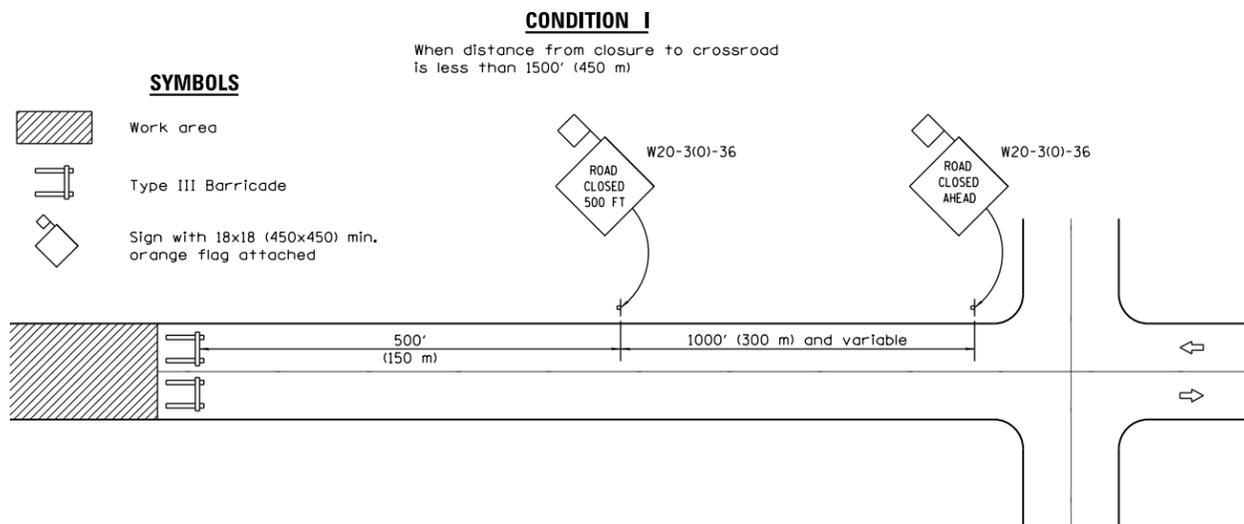
When the distance between the barricade and the intersection is between 1500' (450 m) and 2000' (600 m), the advance sign shall be placed at the intersection. When the distance between the barricade and the intersection is over 2000' (600 m), an additional sign shall be placed at the intersection. The additional sign shall give the distance to the barricade in miles or fractions of a mile.

All work zone signs are required to meet, as a minimum, Type B reflectivity requirements of Table 1091-2 in Article 1091.02 of the Standard Specifications.

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



Two (2) message board shall be placed on US 150 for one (1) week prior to the closure of US 150 to inform motorists of the start date of the closure. (see special provisions)



US150 and Condition I
Type III Barricades and R11-4-6030 signs shall be positioned as shown in the "Road Closed To Thru Traffic" detail on Highway Standard 701901

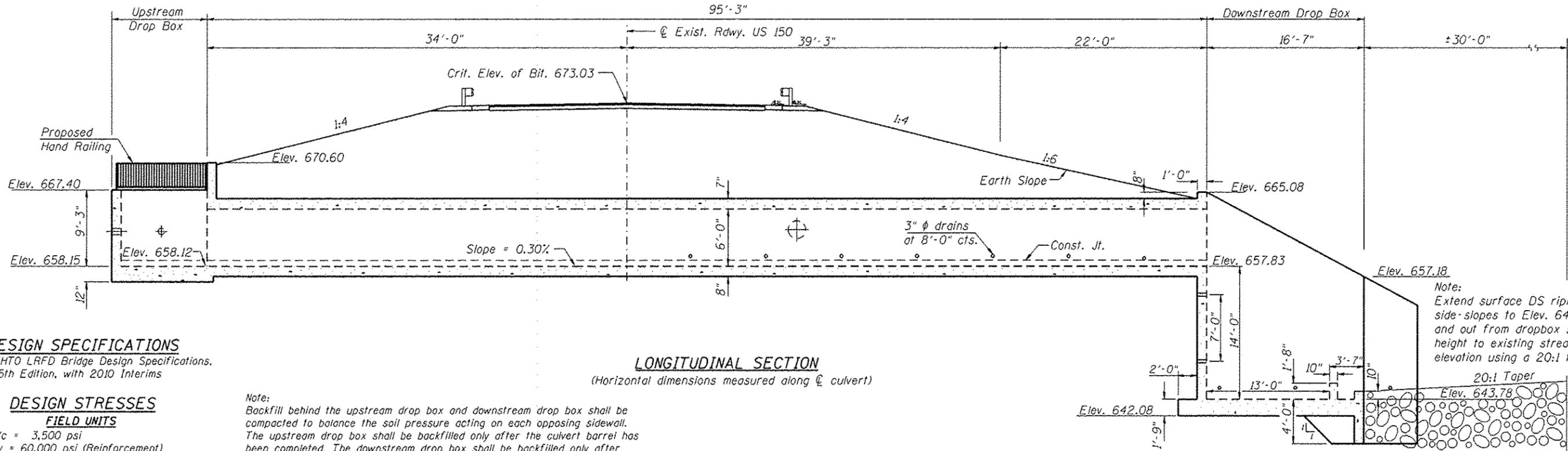
US150 and Condition II
Type III Barricades and R11-2-4830 signs shall be positioned as shown in the "Road Closed To All Traffic" detail on Highway Standard 701901

NOTE:
ROAD SHALL BE OPEN TO TRAFFIC AFTER 60 CALENDAR DAYS STARTING FROM THE FIRST DAY OF CLOSURE

Benchmark: Outside N.E. corner of existing upstream concrete drop box, Elev. 667.084.

Existing Structure: SN 072-2507 consists of a RC box culvert 8' W x 8'H x 64' long with a RC drop box upstream and steel sheet pile wingwalls downstream. Structure is to be closed and traffic detoured during construction.

No Salvage.
Precast alternate is not allowed.



Note: Extend surface DS riprap up side-slopes to Elev. 648.61 and out from dropbox sill height to existing streambed elevation using a 20:1 taper.

DESIGN SPECIFICATIONS
2010 AASHTO LRFD Bridge Design Specifications, 5th Edition, with 2010 Interims

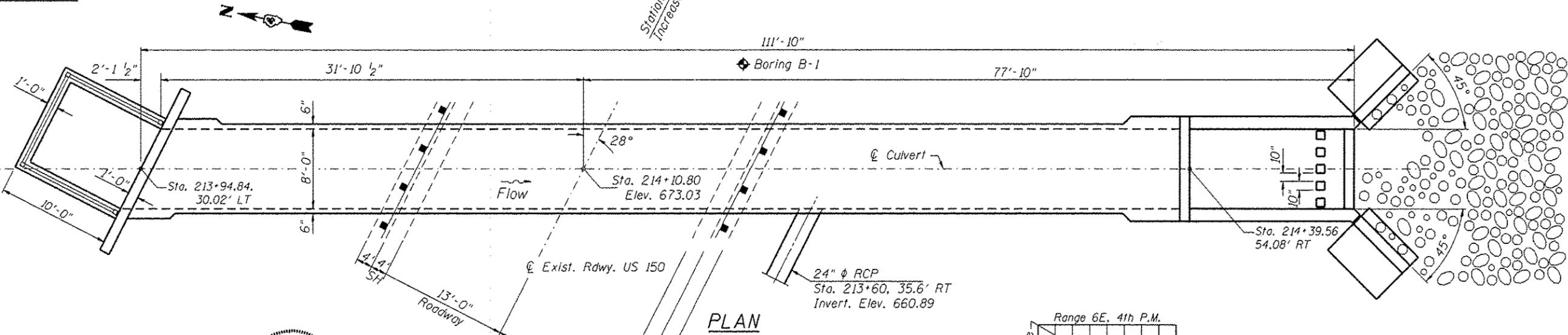
DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LOADING HL-93

Note: Backfill behind the upstream drop box and downstream drop box shall be compacted to balance the soil pressure acting on each opposing sidewall. The upstream drop box shall be backfilled only after the culvert barrel has been completed. The downstream drop box shall be backfilled only after the downstream wingwalls have been completed.



Streamstats Streamflow Characteristics

Statistic	Flow (ft ³ /s)
PK 50	104
PK 100	125
PK 500	174

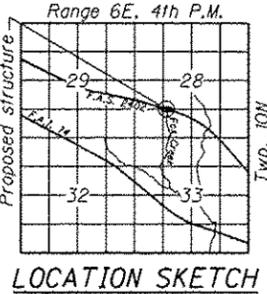
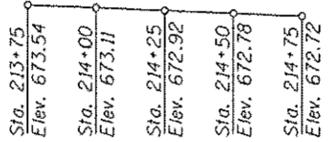


Martin J. Silvester
Licensed Structural Engineer
State of Illinois No. 081-004873
Expires 11-30-2014
Date: 03-04-2013

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	U.S.	D.S.
	657.15	639.78

PROFILE GRADE
(along centerline of Roadway)



GENERAL PLAN
FAS 2402 (US RTE. 150)
OVER FOX CREEK TRIBUTARY
SECTIONS (110,111,112,113)RS-3; 114RS-4; 112C-2
PEORIA COUNTY
STATION 214+10.8
STRUCTURE NO. 072-2511

FILE NAME * #FILE#00REV#	USER NAME * Elgin III	DESIGNED ADB	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN US 150 OVER FOX CREEK TRIBUTARY	F.A.S. RTE. 2402	SECTION (110, 111, 112, 113, 114)RS-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 46	CONTRACT NO. 68614
THE UPCHURCH GROUP, INC.	PLOT SCALE * 0.200" = 1' / 1/4"	DRAWN ADB	CHECKED MJS	SCALE:	SHEET NO. 1 OF 7 SHEETS	DATE 3/1/2013 10:30:02 AM	DATE 12/14/2012	ILLINOIS FED. AID PROJECT			

STATION 214+10.8
 BUILT 20__ BY
 STATE OF ILLINOIS
 LOADING HL-93
 STRUCTURE NO. 072-2511

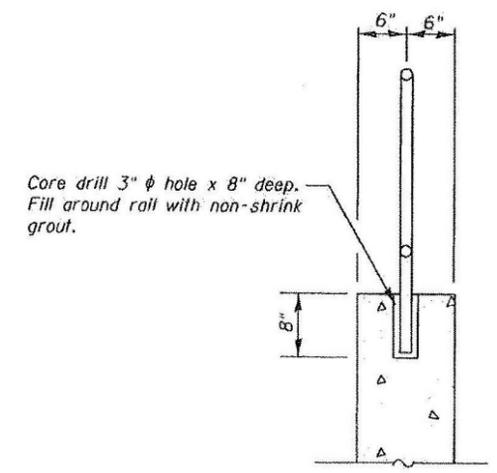
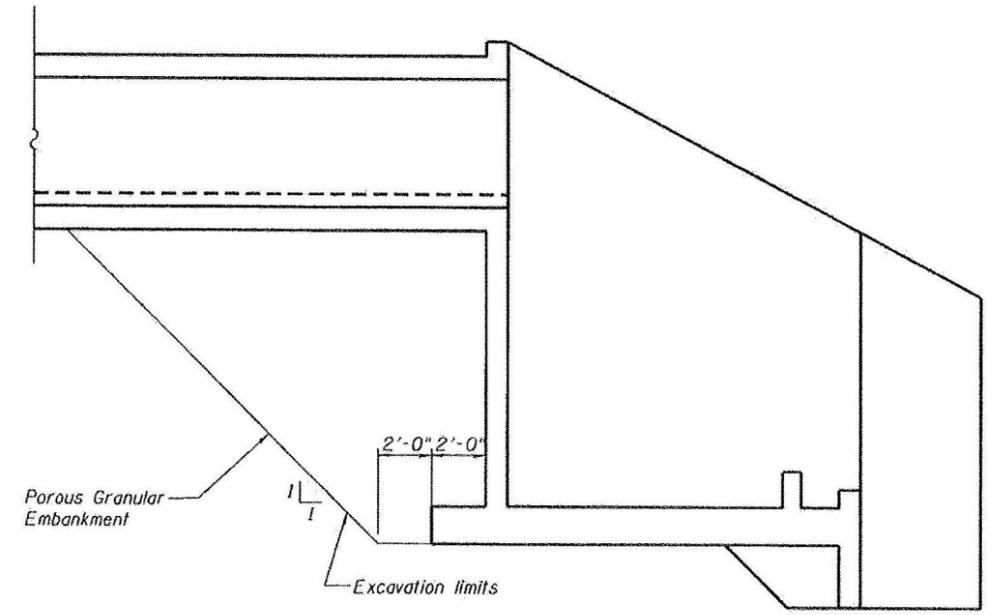
NAME PLATE
 See Std. 515001

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Reinforcement Bars	Pound	23830
Reinforcement Bars, Epoxy Coated	Pound	2770
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	156.0
Pipe Handrail, Special	Foot	30

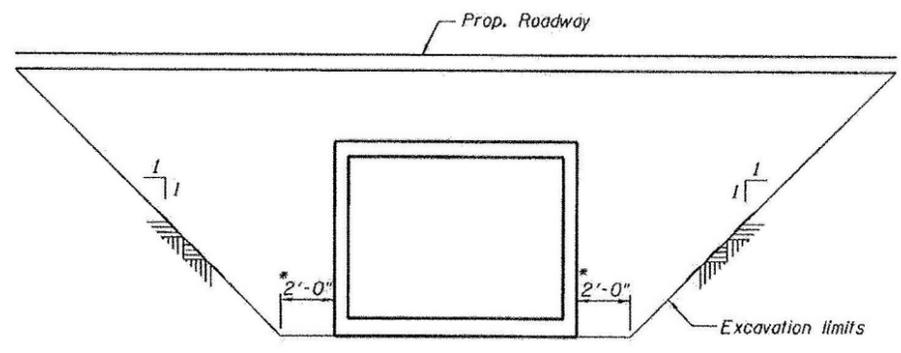
GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. See Standard Specifications for Backfilling and Embankment.
3. Exposed concrete edges shall have $\frac{3}{4}$ " chamfer unless otherwise noted.
4. Precast culvert option not allowed.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Removal and Disposal of any unsuitable material shall be determined in the field by the Engineer.
7. It shall be the responsibility of the Contractor to divert the stream flow during construction, in order to keep the construction area free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included in the cost of Concrete Box Culverts.
8. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
9. Prior to commencing work, the Contractor shall verify the location of all existing utilities. Work shall be completed in a manner so as not to disturb or damage the existing utilities.



Core drill 3" ϕ hole x 8" deep.
 Fill around rail with non-shrink grout.

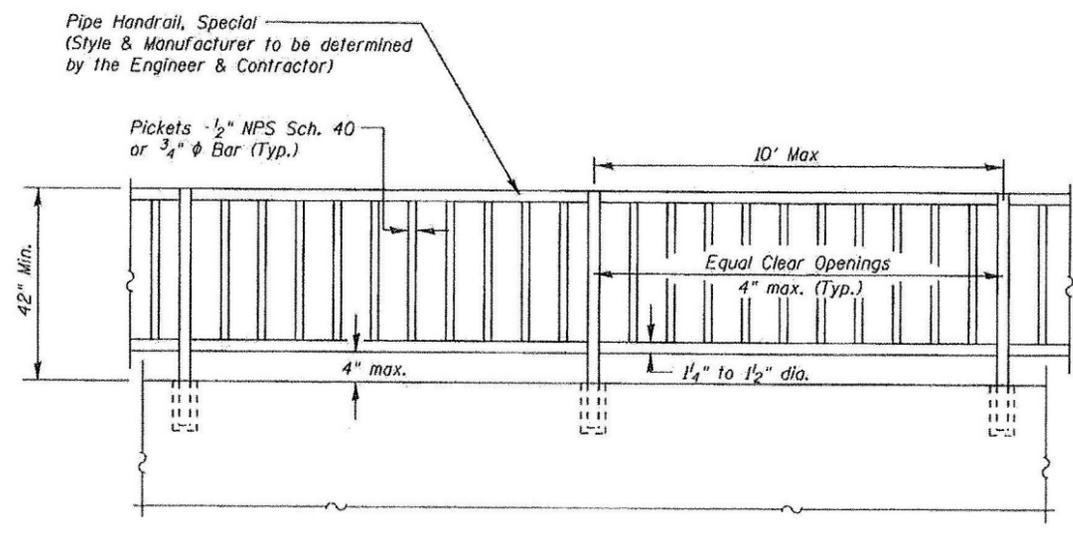
PIPE HANDRAIL, SPECIAL - WALL MOUNTED



* 5'-0" in undercut areas (15' RT of ϕ to 15' LT of ϕ)

EXCAVATION/BACKFILL DETAILS

The Contractor may elect to use a cantilevered sheet piling or other temporary soil retentions systems to minimize construction excavation. If so the Contractor shall submit the design including plan details and calculations prepared and sealed by an Illinois Licensed Structural Engineer for review and acceptance by the Engineer. Cost included with Concrete Box Culverts.



PIPE HANDRAIL, SPECIAL - FOR UPSTREAM DROP BOX

INDEX OF SHEETS

1. General Plan
2. General Notes & Bill of Material
3. Culvert Barrel Details
4. Downstream Drop Box Details
5. Upstream Drop Box Details
6. Wing Wall Details
7. Soil Borings

RAILING NOTES

Gripping surfaces shall be uninterrupted by construction elements, or obstructions.

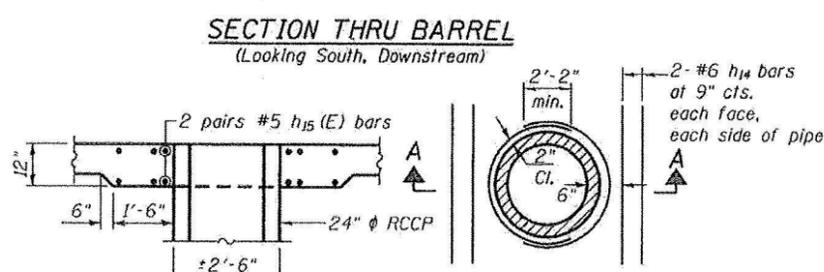
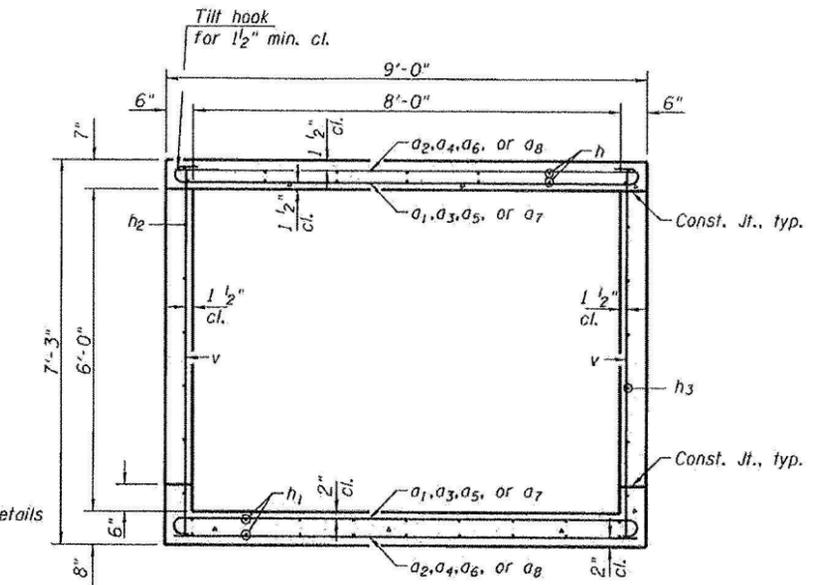
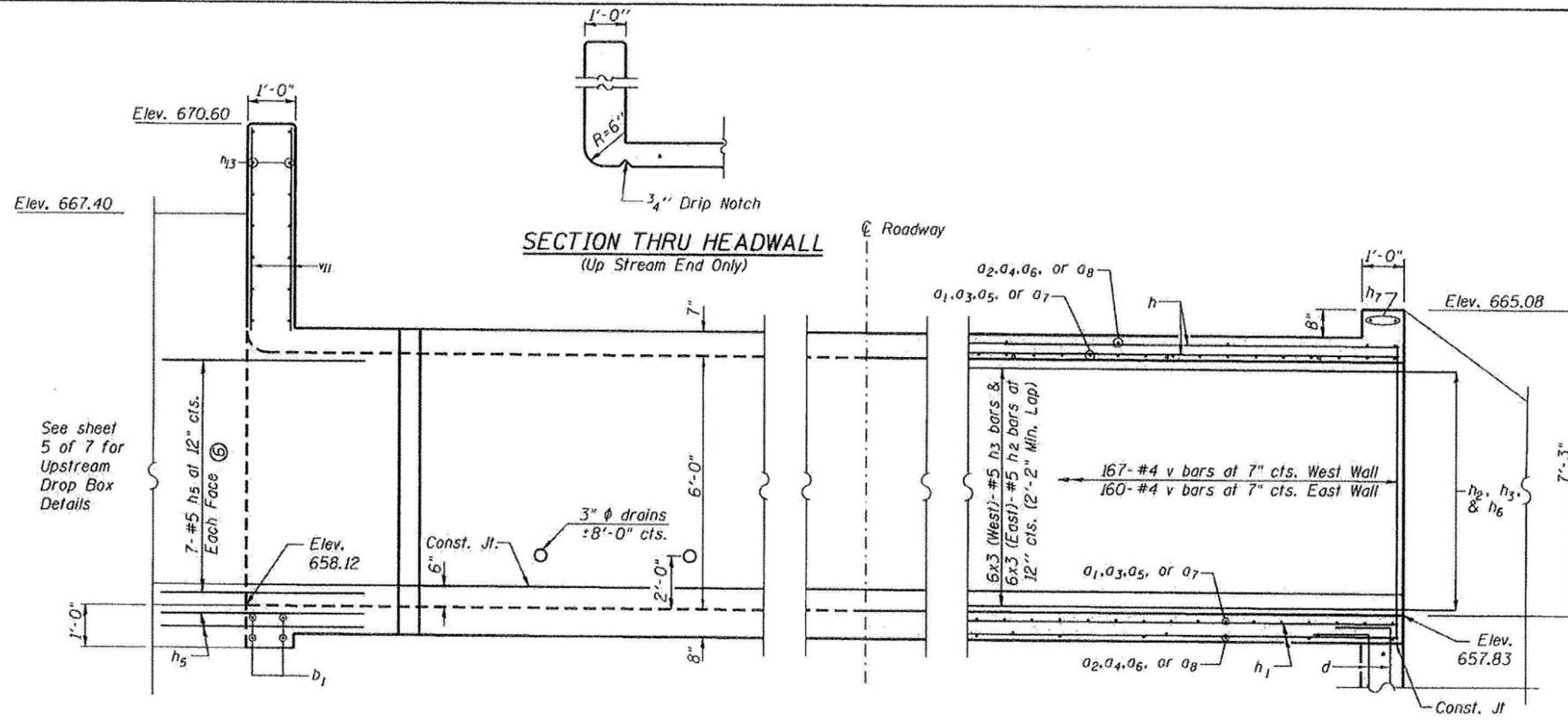
Handrail shall not rotate within their fittings.

Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.

The diameter of the gripping surface of the handrail shall be $\frac{1}{4}$ " to $\frac{1}{2}$ "

Drilling of concrete will be necessary for handrail placement in Concrete walls.

This work shall consist of furnishing and erecting Handrails as listed above and according to this detail. This work shall be paid for at the Contract unit price per Foot for Pipe Handrail, Special.



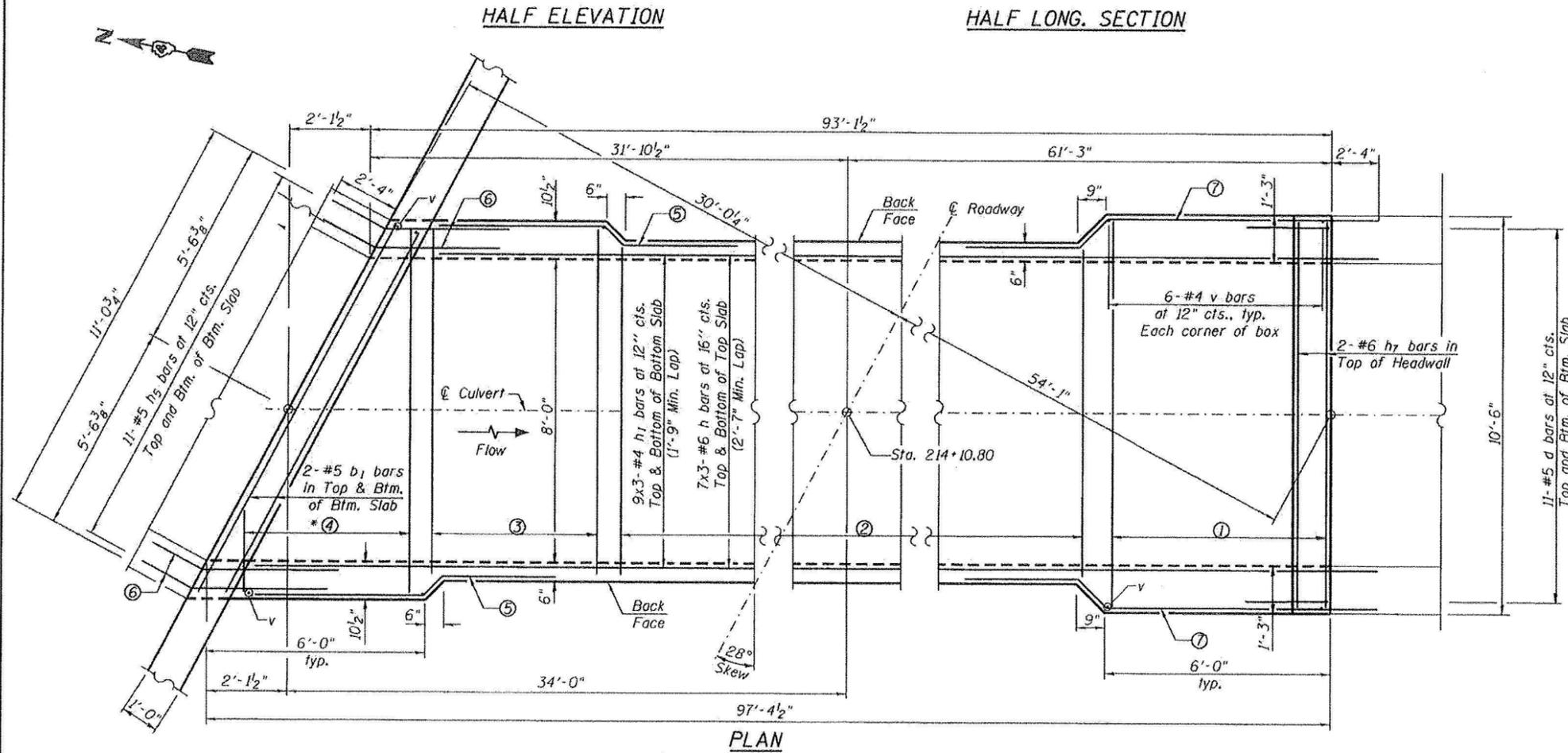
SECTION A-A ELEVATION
DRAINAGE PIPE REINFORCEMENT DETAIL

The Contractor shall place the proposed reinforcement around the RCP and cast the RCP into the culvert wall in accordance with the details shown and to the approval of the Engineer. Cost included with Concrete Box Culverts.

- ① 11-#7 a₁ bars at 7" cts.
Top of Bottom Slab & Bottom of Top Slab
- ① 4-#4 a₂ bars at ±2'-0" cts.
Bottom of Bottom Slab & Top of Top Slab
- ② 138-#7 a₃ bars at 7" cts.
Top of Bottom Slab & Bottom of Top Slab
- ② 40-#4 a₄ bars at ±2'-0" cts.
Bottom of Bottom Slab & Top of Top Slab
- ③ 8-#7 a₅ bars at 7" cts.
Top of Bottom Slab & Bottom of Top Slab
- ③ 2-#4 a₆ bars at ±2'-0" cts.
Bottom of Bottom Slab & Top of Top Slab
- *④ 9-#7 a₇ bars at 7" cts.
Top of Bottom Slab & Bottom of Top Slab
- *④ 3-#4 a₈ bars at ±2'-0" cts.
Bottom of Bottom Slab & Top of Top Slab
- ⑤ 6-#5 h₄ bars at 12" cts. Each Wall
Lap with h₂ or h₃ bars
- ⑥ 7-#5 h₅ bars at 12" cts. Each Face Each Wall
Lap with h₂, h₃ and h₄ bars
- ⑦ 6-#5 h₆ bars at 12" cts.
Lap with h₂ or h₃ bars

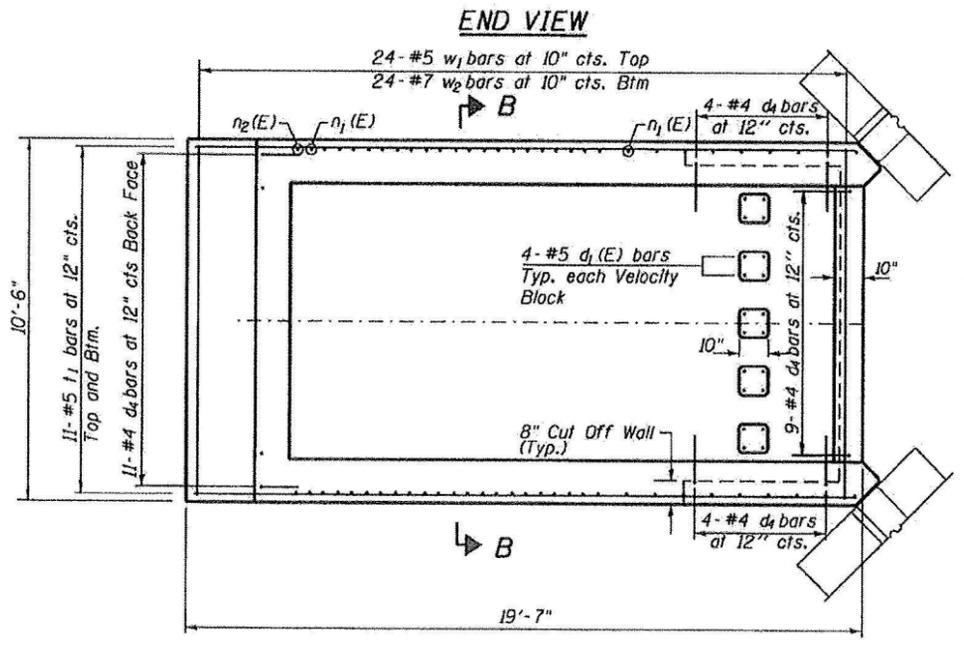
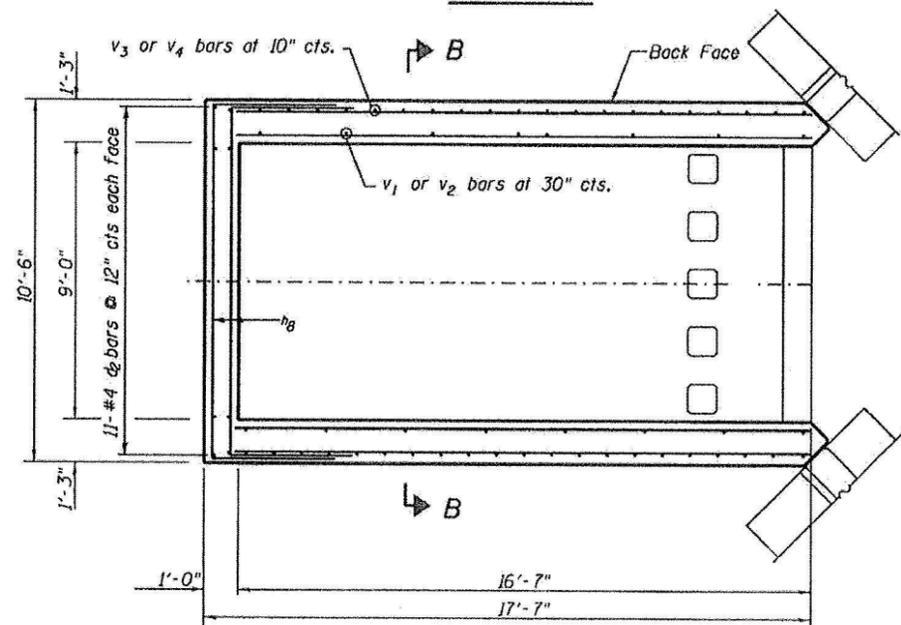
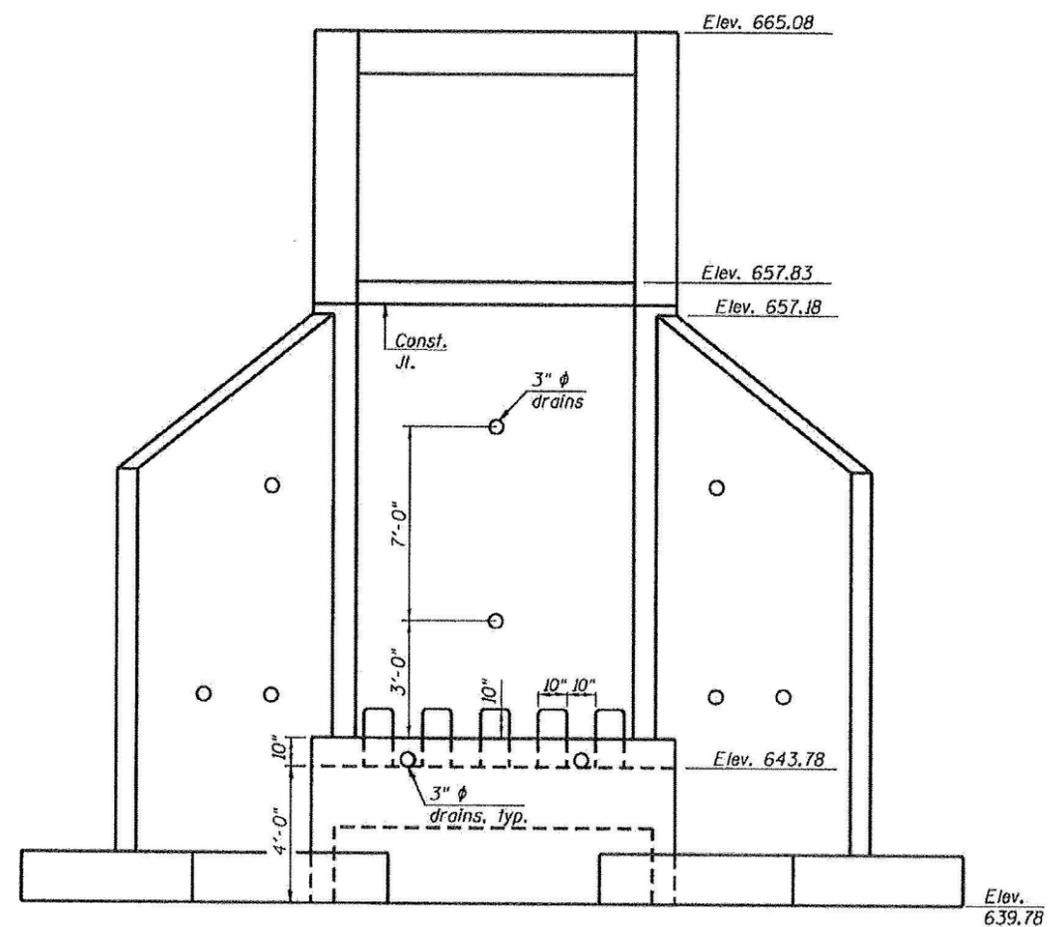
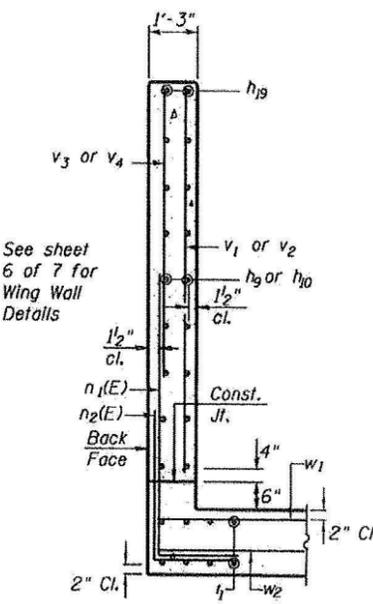
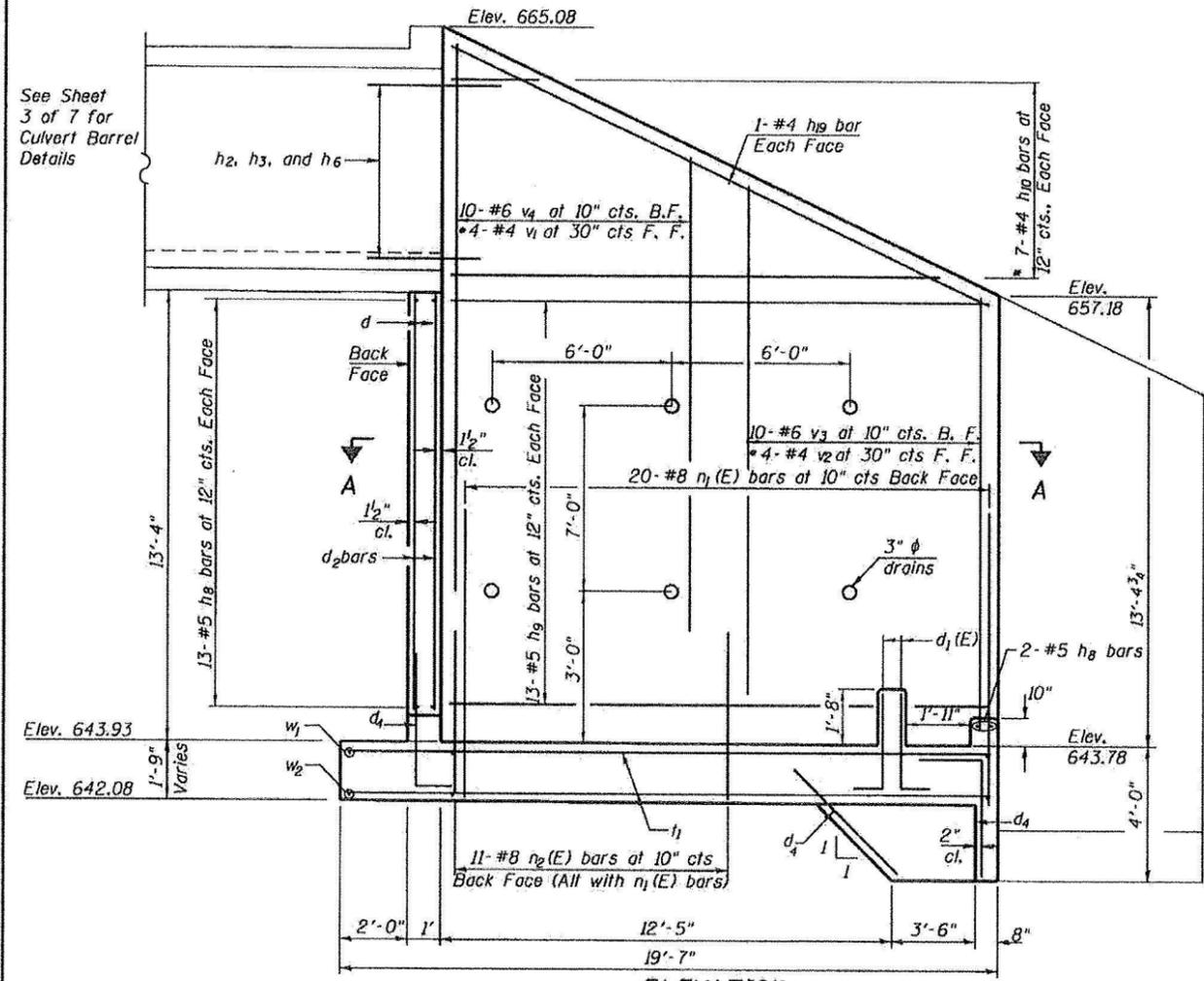
MINIMUM BAR LAP
 #4 bar = 1'-9"
 #5 bar = 2'-2"
 #6 bar = 2'-7"

* a₇ & a₈ bars in skew portion of slab shall be ordered full length & cut to fit top slab. Balance of bar to be used in bottom slab.



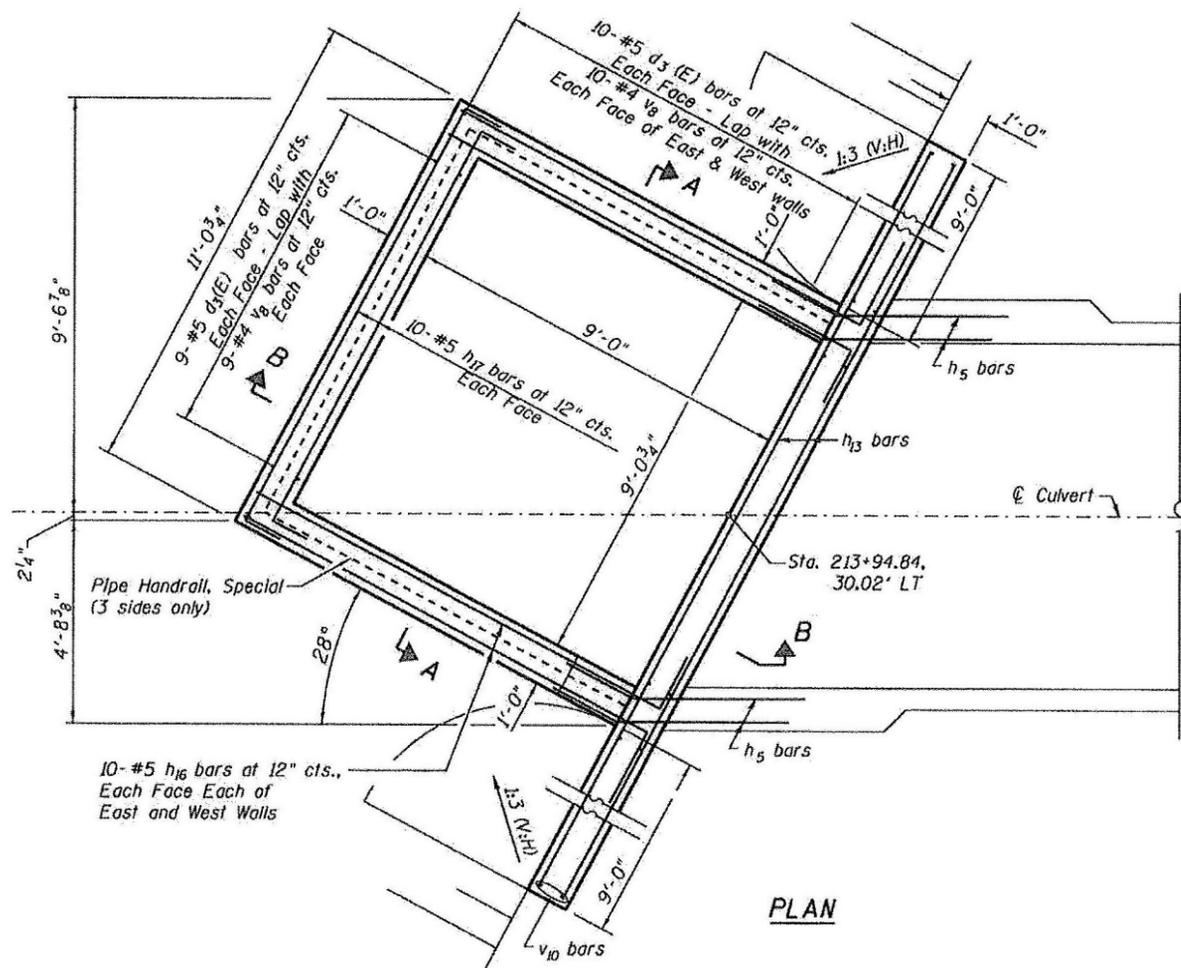
PLAN

FILE NAME =	USER NAME = Elgin III	DESIGNED ADB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT BARREL DETAILS US 150 OVER FOX CREEK TRIBUTARY			F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE ABBREVS		DRAWN ADB	REVISED -		2402	(110, 111, 112, 113, 114)RS-2	PEORIA	76	48			
		CHECKED MJS	REVISED -		SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.			CONTRACT NO. 68614				
THE UPCHURCH GROUP, INC.	PLOT SCALE = 0:2.00 1" = 10'	DATE 12/14/2012	REVISED -		ILLINOIS FED. AID PROJECT							



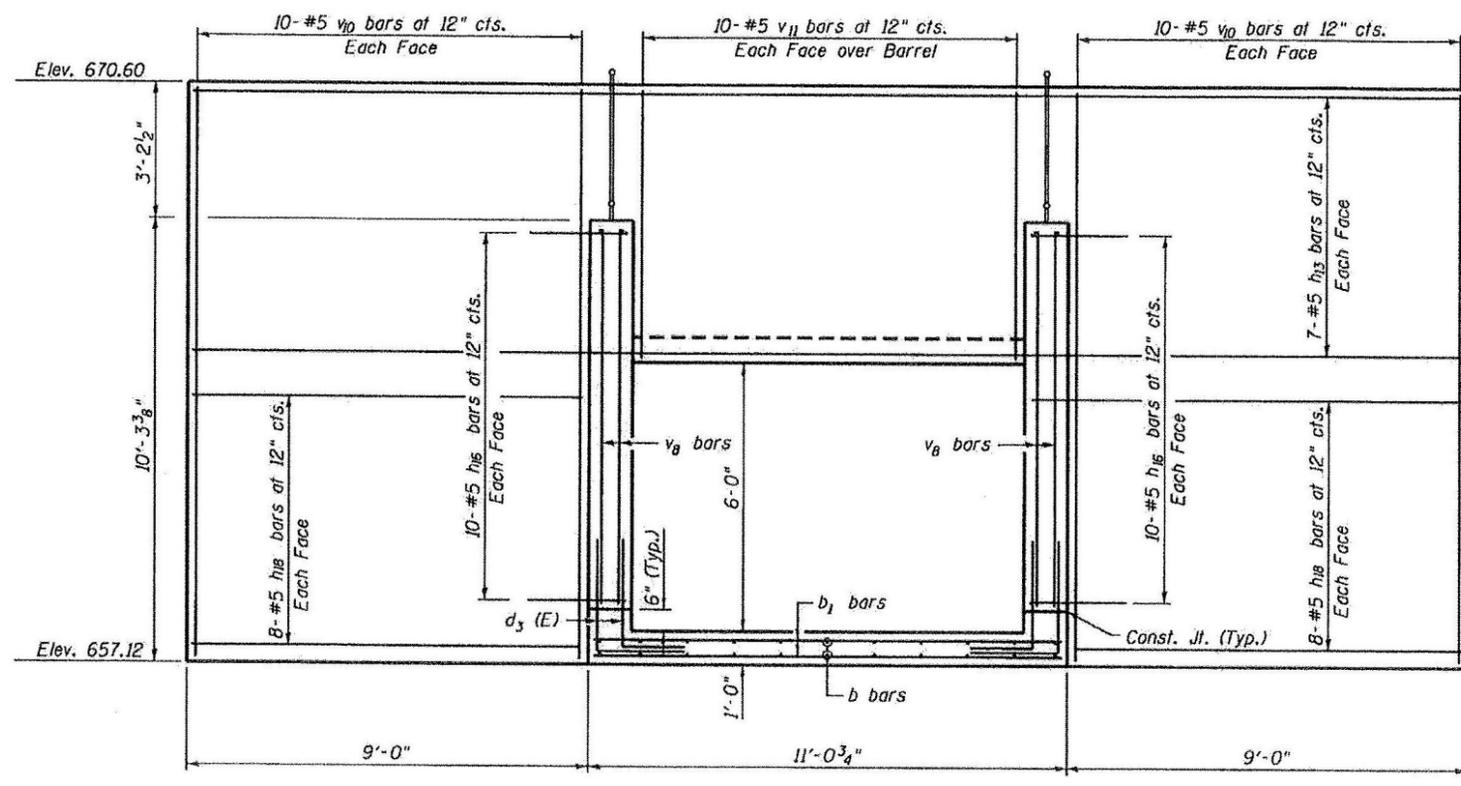
* h₁₀, v₁ and v₂ bars shall be ordered full length & cut to fit. Balance of bar to be used in opposite wall, see sheet 6 of 7 for details.

FILE NAME =	USER NAME = Elgin 110	DESIGNED ADB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DOWNSTREAM DROP BOX DETAILS US 150 OVER FOX CREEK TRIBUTARY	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEABBREV#		DRAWN ADB	REVISED -			2402	1110, 111, 112, 113, 114RS-2	PEORIA	76	49	
PLOT SCALE = 0:2.00 1/4" = 1'-0"		CHECKED MJS	REVISED -			CONTRACT NO. 68614					
PLOT DATE = 3/4/2013 11:49:27 AM		DATE 12/14/2012	REVISED -			ILLINOIS FED. AID PROJECT					
THE UPCHURCH GROUP, INC.						SCALE:	SHEET NO. 4 OF 7 SHEETS	STA.	TO STA.		

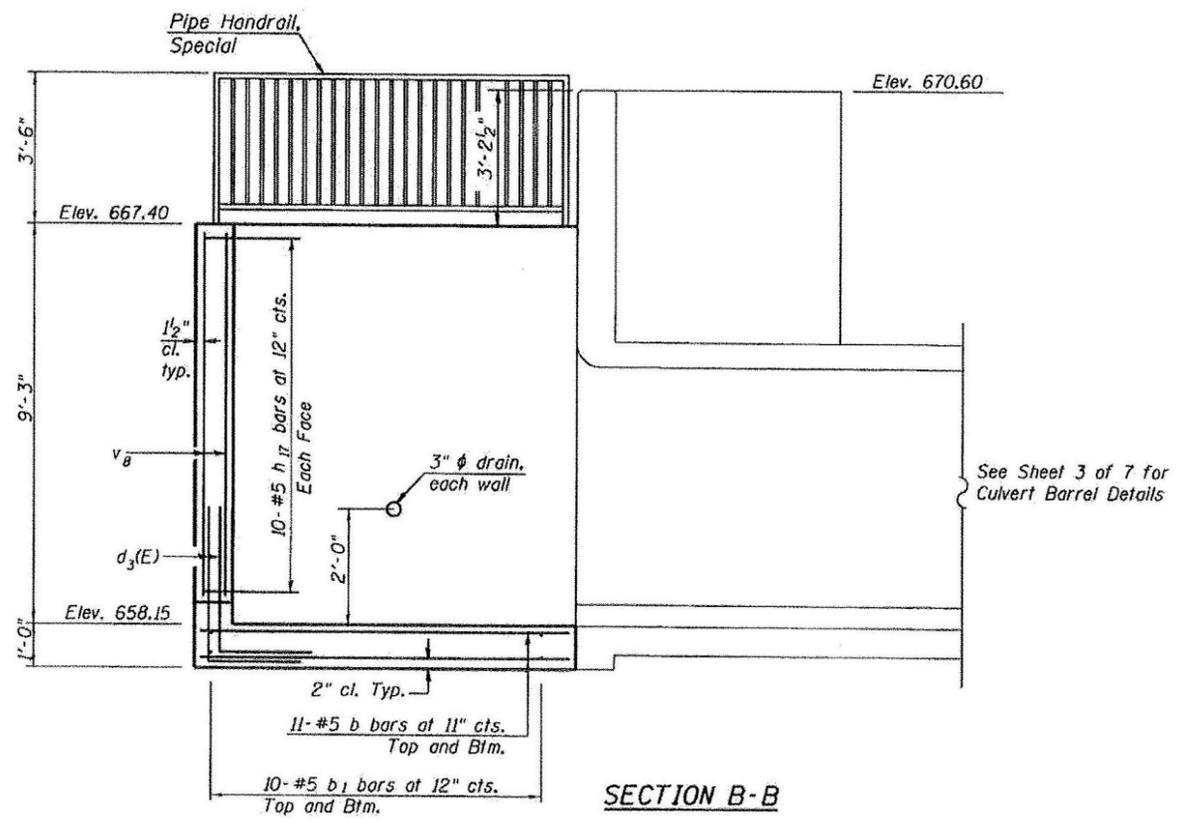


PLAN

See Sheet 3 of 7 for Culvert Barrel Details



SECTION A-A



SECTION B-B

See Sheet 3 of 7 for Culvert Barrel Details

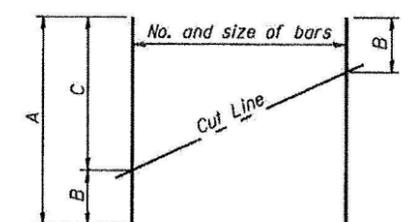
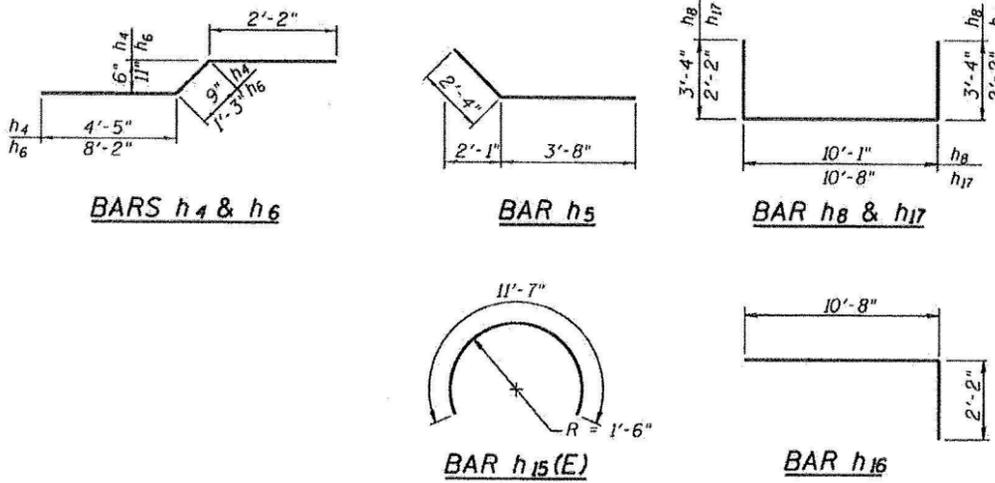
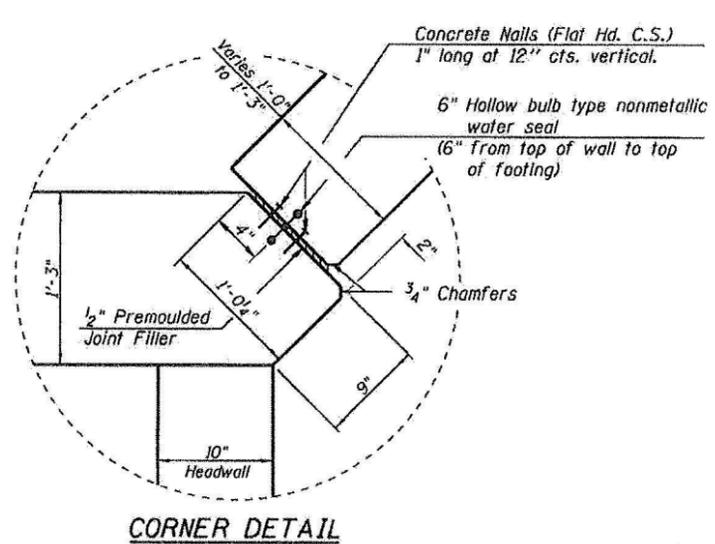
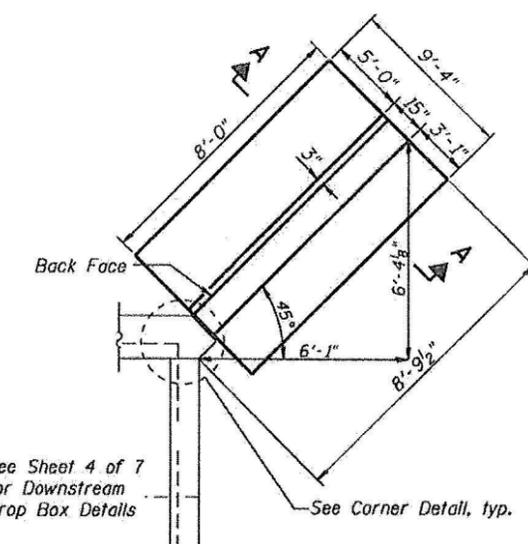
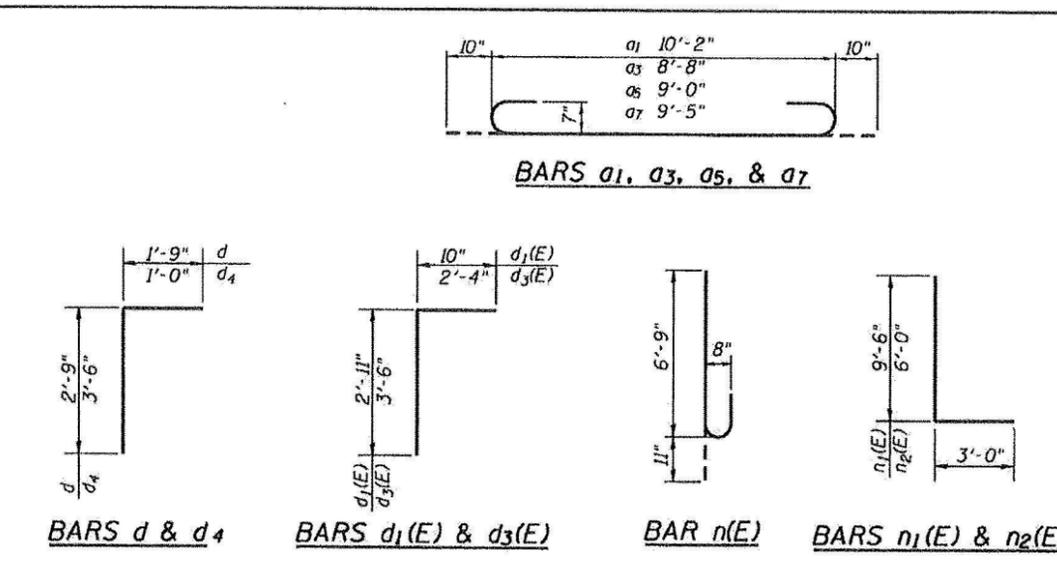
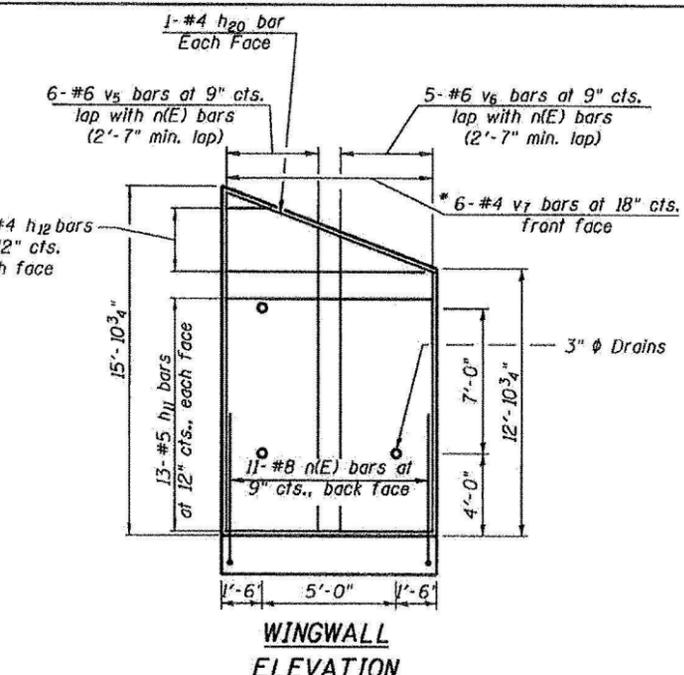
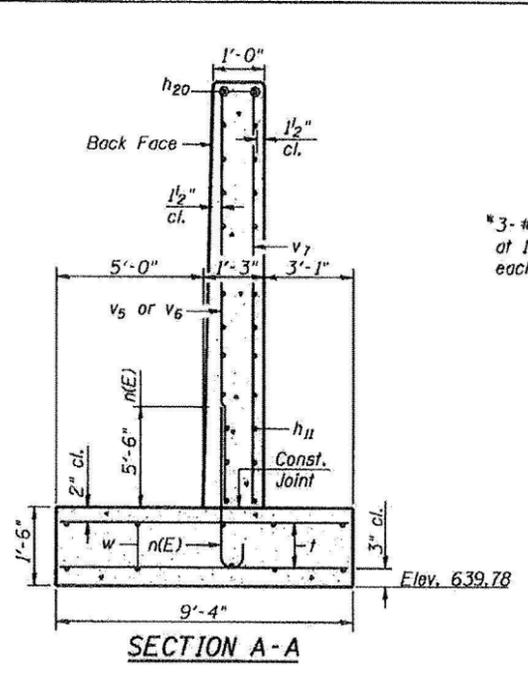
FILE NAME =	USER NAME = Elgin 110	DESIGNED ADB	REVISED -
#FILEABBREV#		DRAWN ADB	REVISED -
		CHECKED MJS	REVISED -
		DATE 12/14/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT UPSTREAM DROP BOX DETAILS
US 150 OVER FOX CREEK TRIBUTARY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	(110, 111, 112, 113, 114)RS-2	PEORIA	76	50
CONTRACT NO. 68614				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.



FIELD CUTTING DATA
Order bars full length. Cut as shown and use remainder of bars in opposite wall.

Bar	No.	Size	A	B	C
h10	14	#4	19'-5"	3'-10"	15'-7"
h12	6	#4	7'-0"	1'-0"	6'-0"
v1	4	#4	36'-6"	16'-6"	20'-0"
v2	4	#4	28'-9"	12'-9"	16'-0"
v7	6	#4	28'-0"	12'-6"	15'-6"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	22	#7	11'-10"	U
a2	8	#4	10'-2"	—
a3	276	#7	10'-4"	U
a4	80	#4	8'-8"	—
a5	16	#7	10'-8"	U
a6	4	#4	9'-0"	—
a7	9	#7	11'-11"	U
a8	3	#4	9'-5"	—
b	22	#5	9'-6"	—
b1	24	#5	10'-6"	—
d	22	#5	4'-6"	L
d1(E)	20	#4	3'-9"	—
d2	22	#4	12'-6"	—
d3(E)	58	#5	5'-10"	L
d4	28	#4	4'-6"	L
h	42	#6	34'-0"	—
h1	54	#4	33'-6"	—
h2	18	#5	33'-2"	—
h3	18	#5	34'-7"	—
h4	12	#5	7'-4"	—
h5	50	#5	6'-0"	—
h6	12	#5	11'-7"	—
h7	2	#6	10'-2"	—
h8	26	#5	16'-9"	—
h9	52	#5	16'-3"	—
h10	14	#4	19'-5"	—
h11	52	#5	7'-8"	—
h12	6	#4	7'-0"	—
h13	14	#5	28'-8"	—
h14	8	#6	5'-4"	—
h15(E)	4	#5	11'-7"	C
h16	40	#5	12'-10"	—
h17	20	#5	15'-0"	—
h18	32	#5	8'-8"	—
h19	4	#4	18'-0"	—
h20	4	#4	8'-3"	—
n(E)	22	#8	7'-8"	U
n1(E)	40	#8	12'-6"	—
n2(E)	22	#8	9'-0"	—
t	44	#6	9'-0"	—
t1	22	#5	19'-3"	—
v	351	#4	6'-11"	—
v1	4	#4	36'-6"	—
v2	4	#4	28'-9"	—
v3	20	#6	11'-0"	—
v4	20	#6	31'-2"	—
v5	12	#6	12'-9"	—
v6	10	#6	11'-0"	—
v7	6	#4	28'-0"	—
v8	58	#4	8'-7"	—
v10	40	#5	13'-2"	—
v11	20	#5	6'-0"	—
w	28	#5	9'-0"	—
w1	24	#5	10'-2"	—
w2	24	#7	10'-2"	—
Concrete Box Culverts	Cu. Yd.		156.0	
Reinforcement Bars	Pound		23830	
Reinforcement Bars, Epoxy Coated	Pound		2770	

Bars indicated thus 9 x 3-#4 etc. indicates 9 lines of bars with 3 lengths per line.



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Page 1 of 2

Date 10/18/11

ROUTE FAS 2402 (U.S. 150) DESCRIPTION 0.3 miles East of Thousand Dollar Road LOGGED BY SCI (CNC)

SECTION LOCATION SEC. 28, TWP. 10N, RNG. 6E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE Automatic

STRUCT. NO. 072-2507
Station 214+00
BORING NO. B-1
Station 214+16.5
Offset 12.0 ft RT
Ground Surface Elev. 672.0 ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)	DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)
0	ASPHALT - 6 inches			0	CLAY: Gray and brown, trace fine and coarse sand (A-7) (continued)		
2	CRUSHED ROCK - 3 inches			2		0.4	22
3	FILL: Brown and gray clay, trace coarse sand (A-6)	3.8	23	6			
5				10		4.5	13
686.5	SILT: Gray (A-4)			12			
684.5	CLAY: Gray (A-7-6) LL=42, PI=19	0.5	24	15		5.2	12
681.0	CLAY: Dark gray (A-7)			20		4.1	12
656.0	CLAY: Gray and brown (A-6)	1.3	29	25			
654.0	CLAY: Gray and brown, trace fine and coarse sand (A-7)			30			
	No sample recovery			35		4.7	14
				40			
				45			
				50			
				55			
				60			
				633.5	SAND: Brown, fine to medium (A-3)		
				640			
				645			
				650			
				655			
				660			
				665			
				670			
				672.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Page 2 of 2

Date 10/18/11

ROUTE FAS 2402 (U.S. 150) DESCRIPTION 0.3 miles East of Thousand Dollar Road LOGGED BY SCI (CNC)

SECTION LOCATION SEC. 28, TWP. 10N, RNG. 6E, 4th PM, Latitude, Longitude

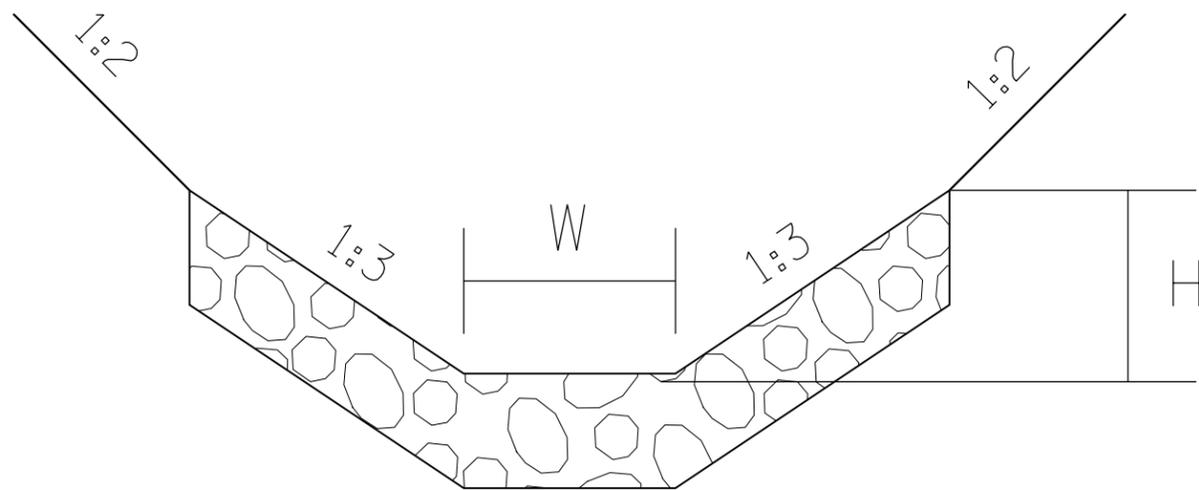
COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE Automatic

STRUCT. NO. 072-2507
Station 214+00
BORING NO. B-1
Station 214+16.5
Offset 12.0 ft RT
Ground Surface Elev. 672.0 ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)	DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)
0	SAND: Brown, fine to medium (A-3) (continued)			0			
3				3			
7				7			
11				11			
623.0	CLAY: Gray, trace fine sand (A-7)	2.6	18	15			
622.0				20			
	Boring terminated at 50 ft.			25			
				30			
				35			
				40			
				45			
				50			
				55			
				60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

FILE NAME *	USER NAME * Elgin 110	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS			F.A.-RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEABBREV		DRAWN -	REVISED -		US 150 OVER FOX CREEK TRIBUTARY			2402	1110, 111, 112, 113, 114RS-2	PEORIA	76	52
		CHECKED -	REVISED -		SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 68614			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



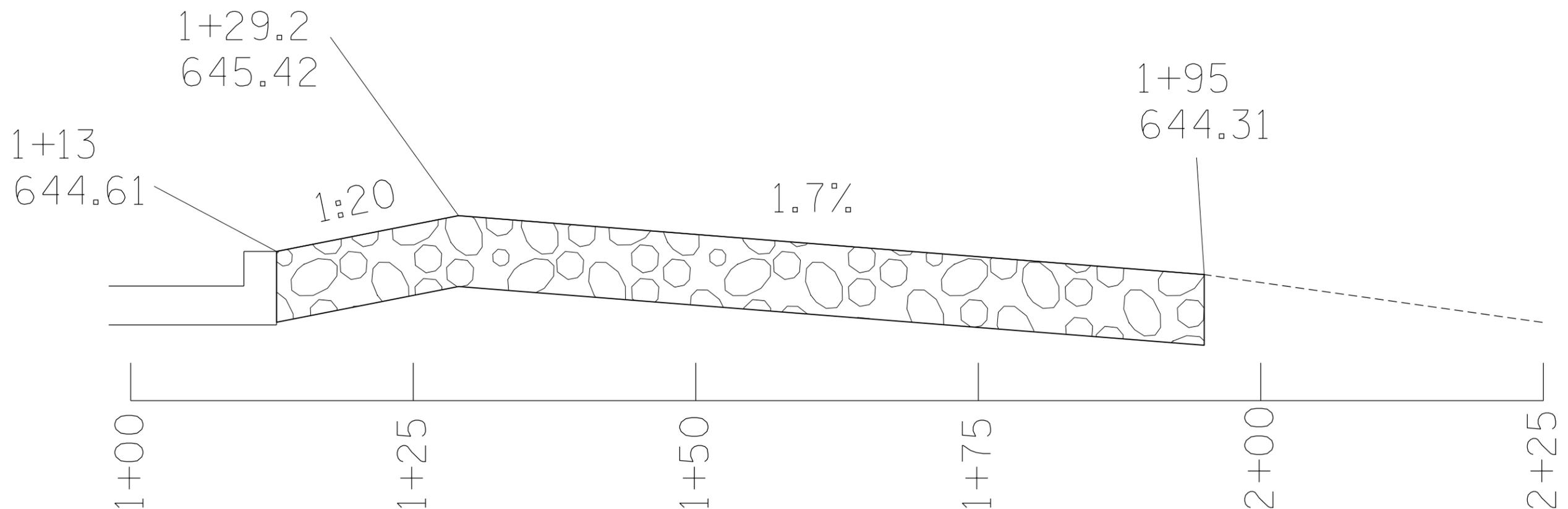
W = 10' @ 1+13

W = 3' @ 1+95

H = 4'

Not to scale

Not to scale



• (110,111,112,113)RS-3; 114RS-4; 112C-2

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE =		
	PLOT DATE = 3/20/2013		

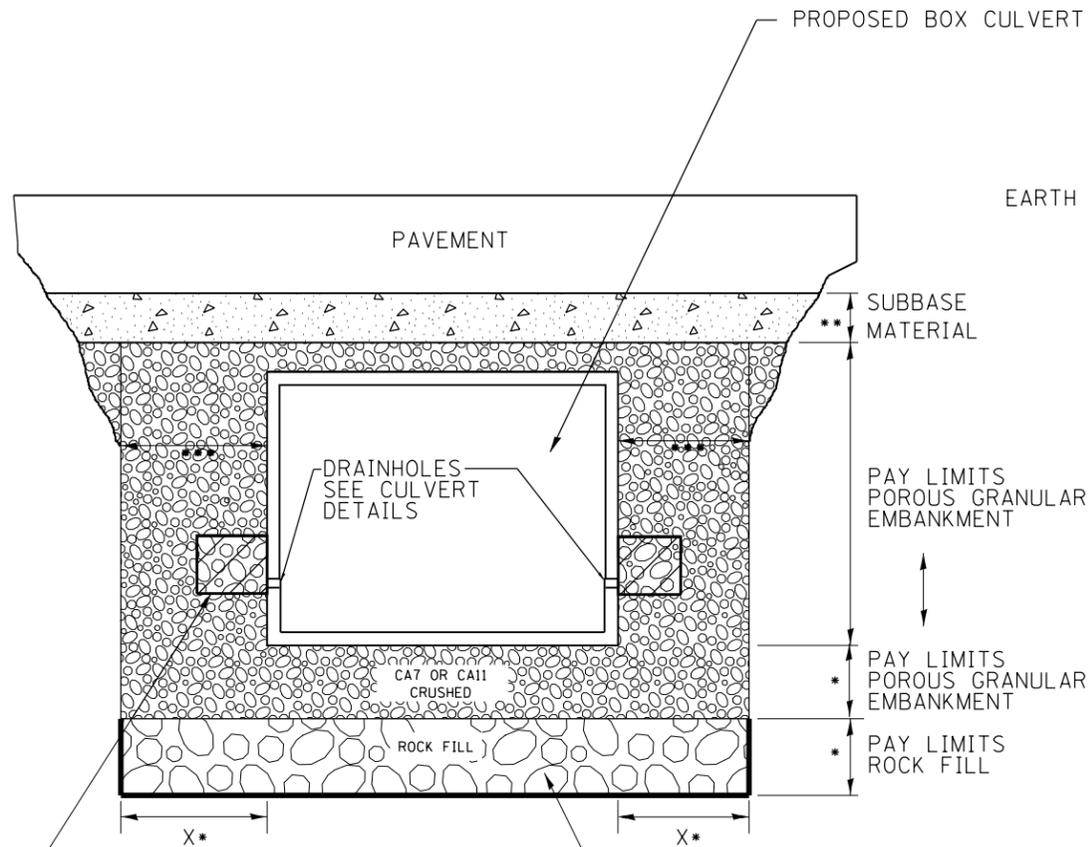
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Rip Rap Detail (Culvert Outlet)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402		PEORIA	76	53
CONTRACT NO. 68614			ILLINOIS FED. AID PROJECT	

ROADWAY PROFILE VIEW

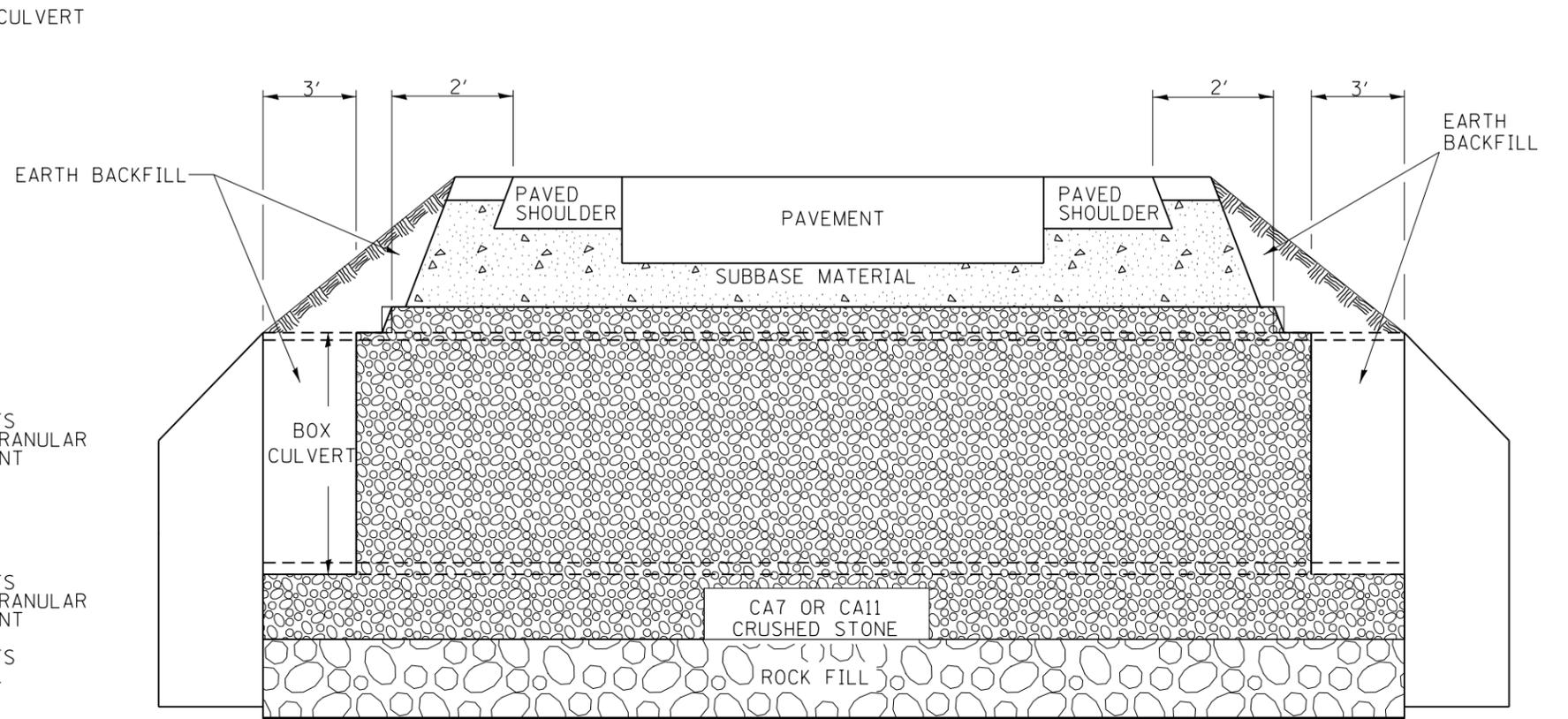


2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

(IF UNDERCUT IS REQUIRED) PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE, AND REPLACE WITH ROCK FILL WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS.

- * IN UNDERCUT AREAS, X = 5 FEET AND ROCK FILL DEPTH SHALL BE 4.5 FEET. IF THERE IS NO UNDERCUT, X = 2 FEET. SEE NOTE 3 THIS SHEET.
- ** SUBBASE SHALL BE 6" MINIMUM LAYER OF CA6 CRUSHED STONE OR OTHER MATERIAL AS SPECIFIED IN THE PLANS.
- *** PAY LIMITS OF POROUS GRANULAR EMBANKMENT SHALL BE 5 FEET IN AREAS WITH UNDERCUT AND 2 FEET IN AREAS WITHOUT UNDERCUT.

ROADWAY CROSS SECTION VIEW



NOTES:

1. EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
2. POROUS GRANULAR EMBANKMENT SHALL BE PLACED IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS.
3. IF NO UNDERCUT IS REQUIRED, A 6" MINIMUM LAYER OF POROUS GRANULAR EMBANKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF BOX CULVERT. IF UNDERCUT IS REQUIRED, A 6" LAYER OF POROUS GRANULAR EMBANKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF BOX CULVERT AND ABOVE THE ROCK FILL.

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

(110,111,112,113)RS-3; 114RS-4; 112C-2

6-12-12	CREATED NEW STD.	R.D.			

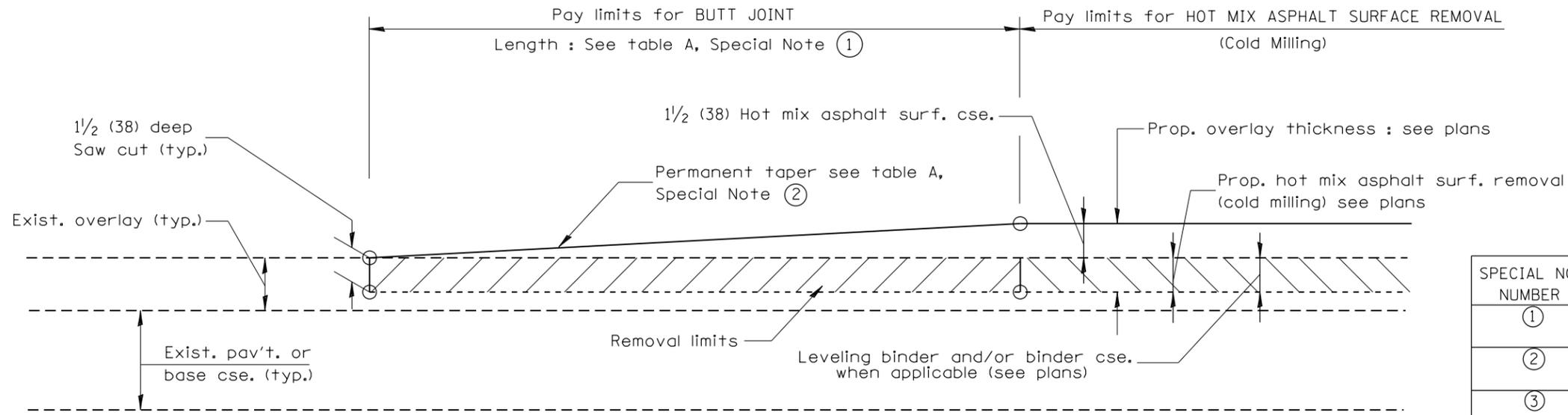
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS

NOT TO SCALE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2402	*	PEORIA	76	54
				CONTRACT NO. 68614
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



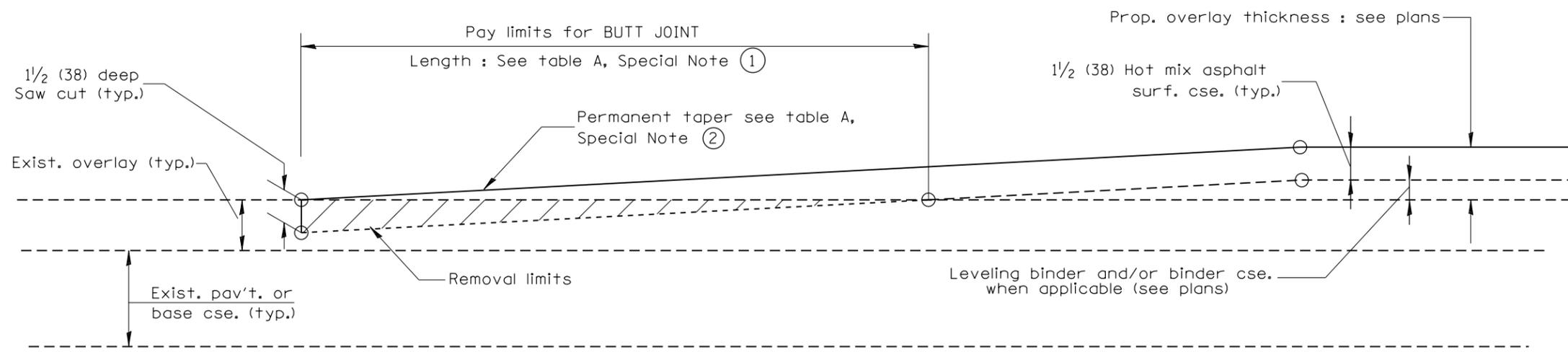
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

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

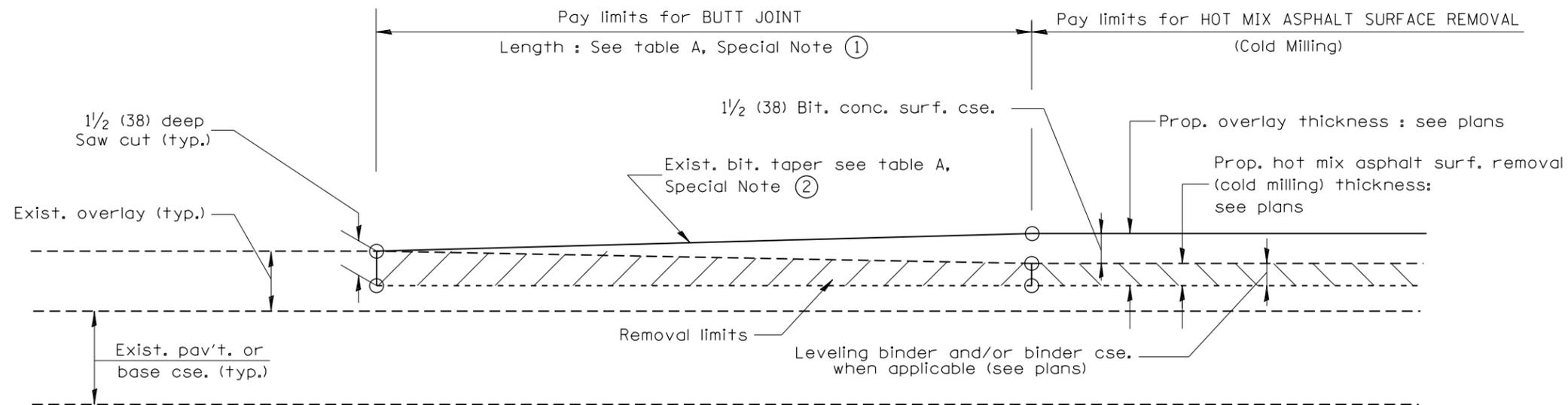
GENERAL NOTES

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

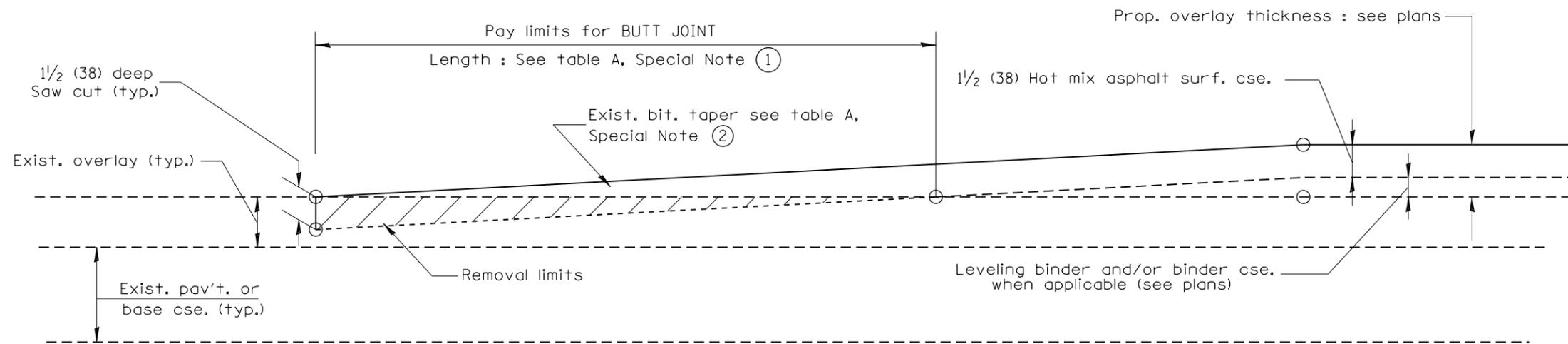


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

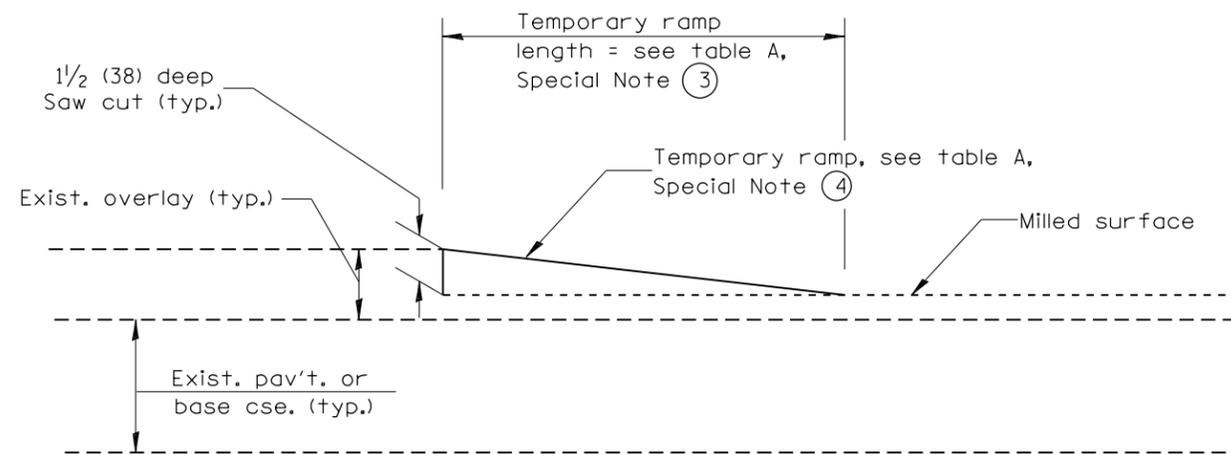
All dimensions are in inches (millimeters) unless otherwise noted.



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



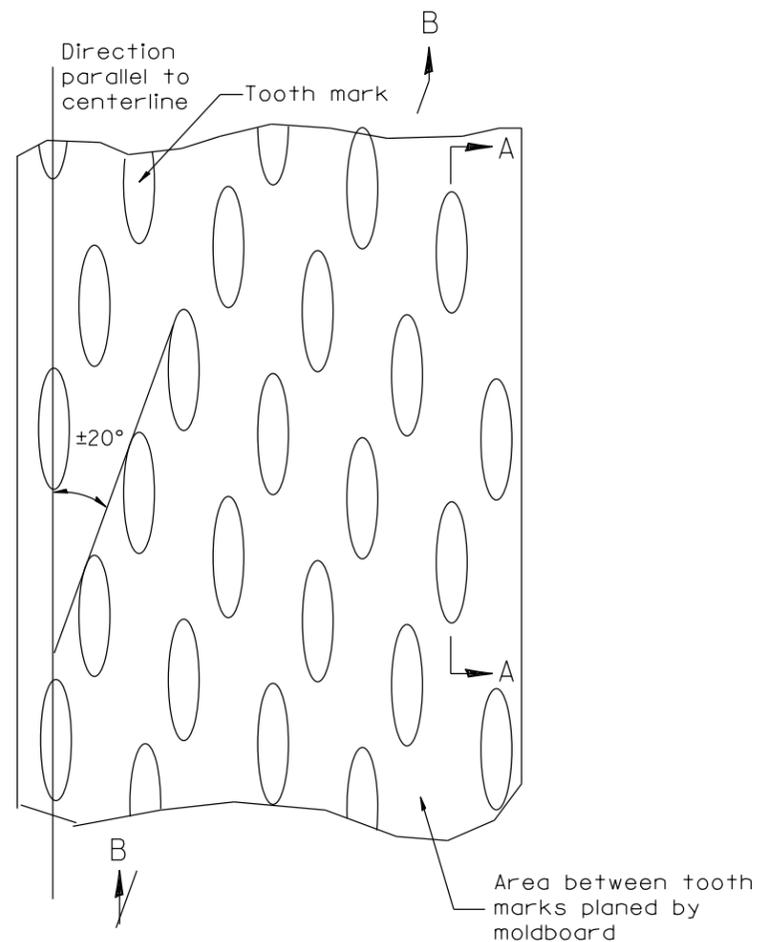
**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

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

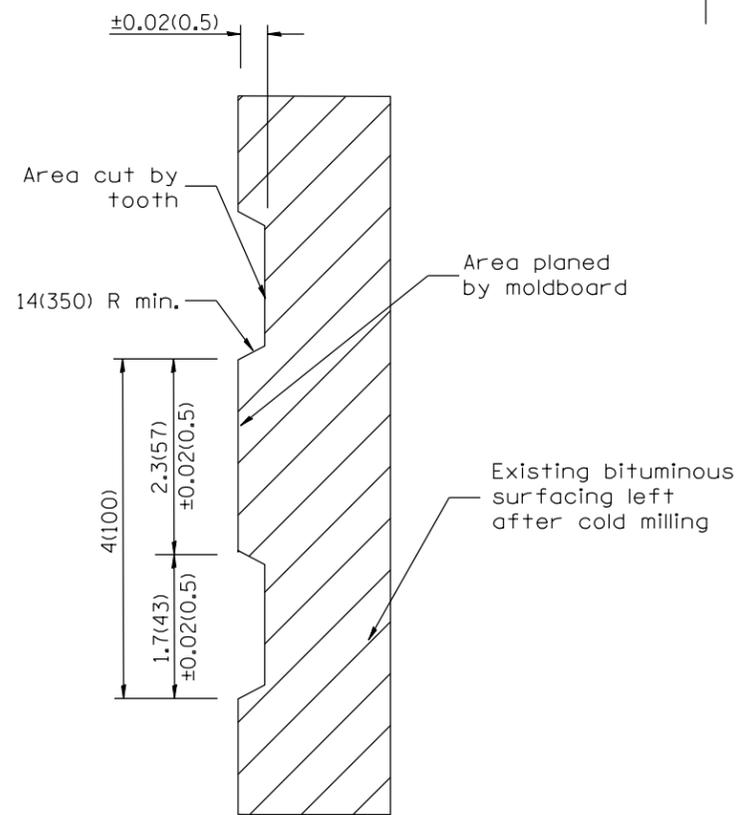
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
				NOT TO SCALE		SHT. 2 OF 3 CADD STD. 406101-D4		U.S. 150	114RS-4;112C-2	PEORIA	76	56
								FED AID PROJECT		CONTRACT NO. 68614		



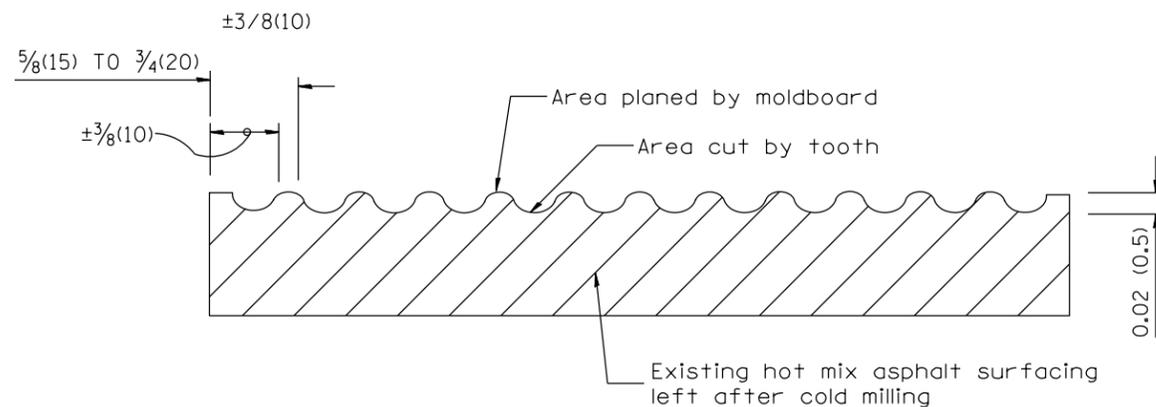
PLAN

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.

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

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.

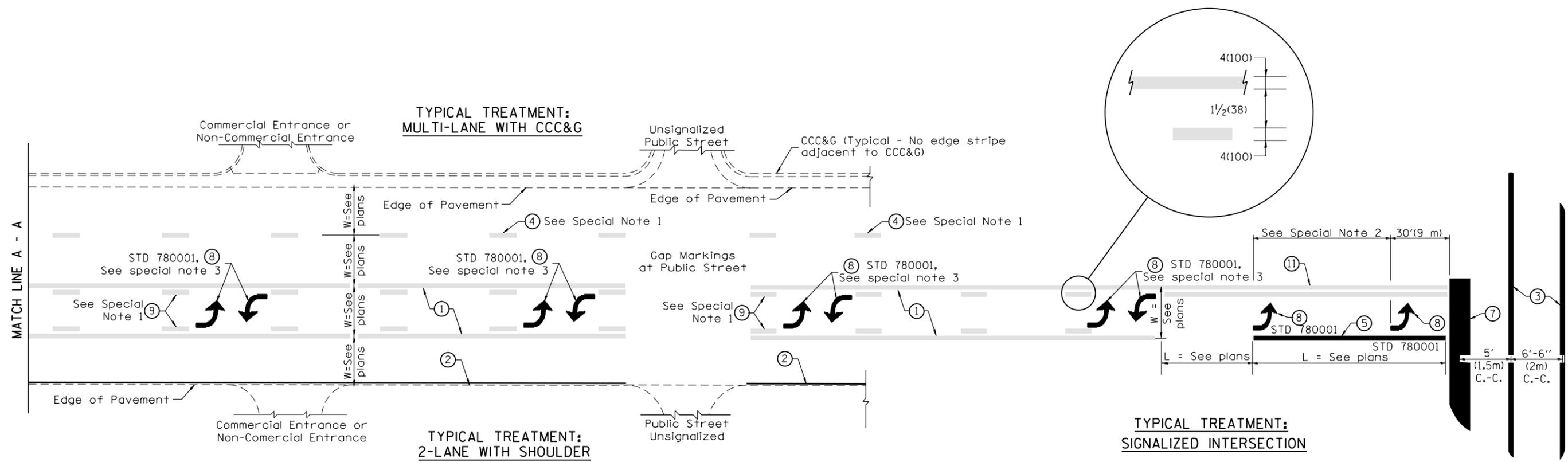
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3; 114RS-4;112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 58
U.S. 150		FED AID PROJECT		CONTRACT NO. 68614



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

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

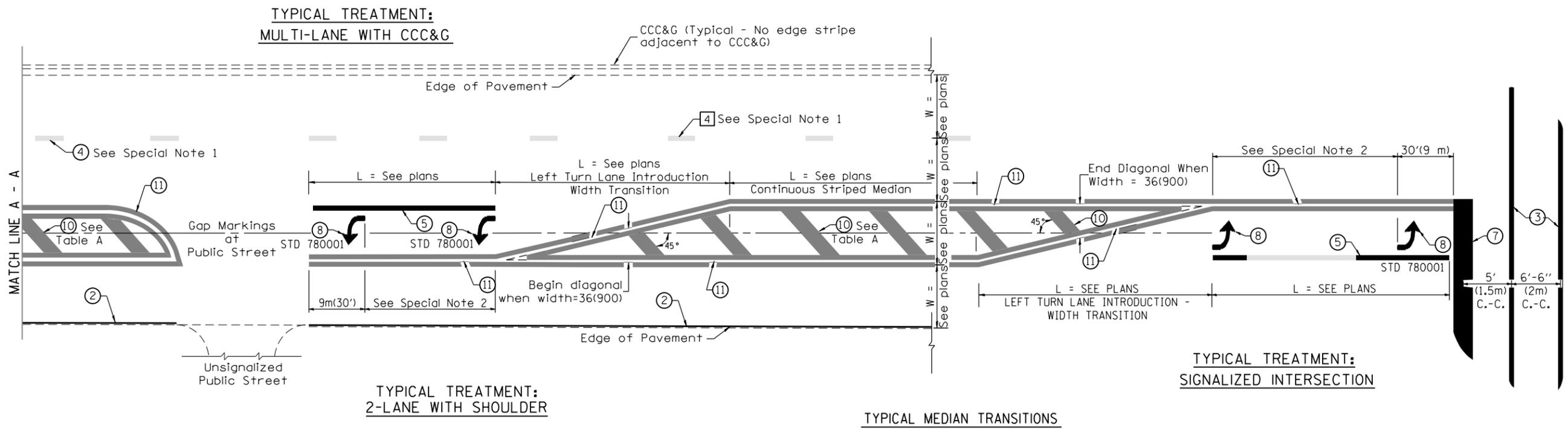
- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥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

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

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

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

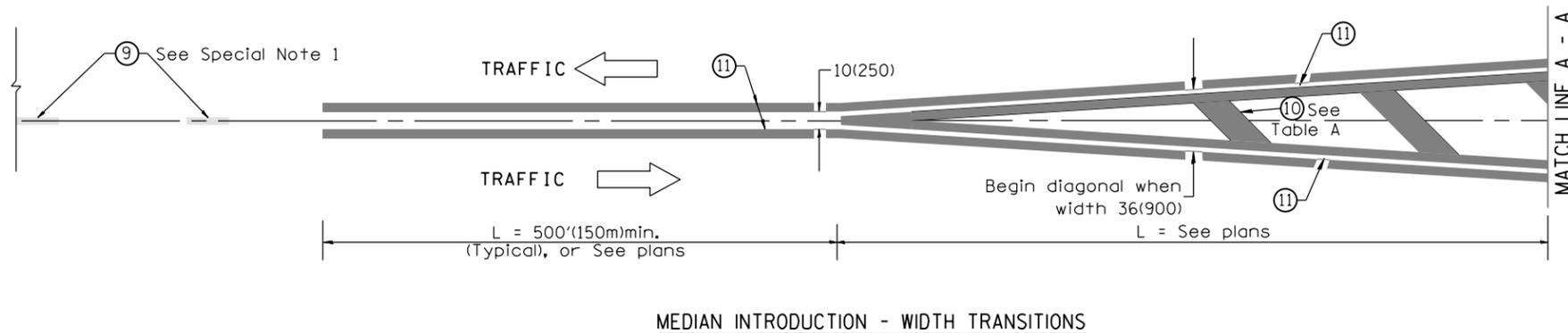
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					U.S. 150	114RS-4;112C-2	PEORIA	76	59
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					SHT. 1 OF 2 CADD STD. 780001-D4		FED AID PROJECT	CONTRACT NO. 68614	
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					NOT TO SCALE				



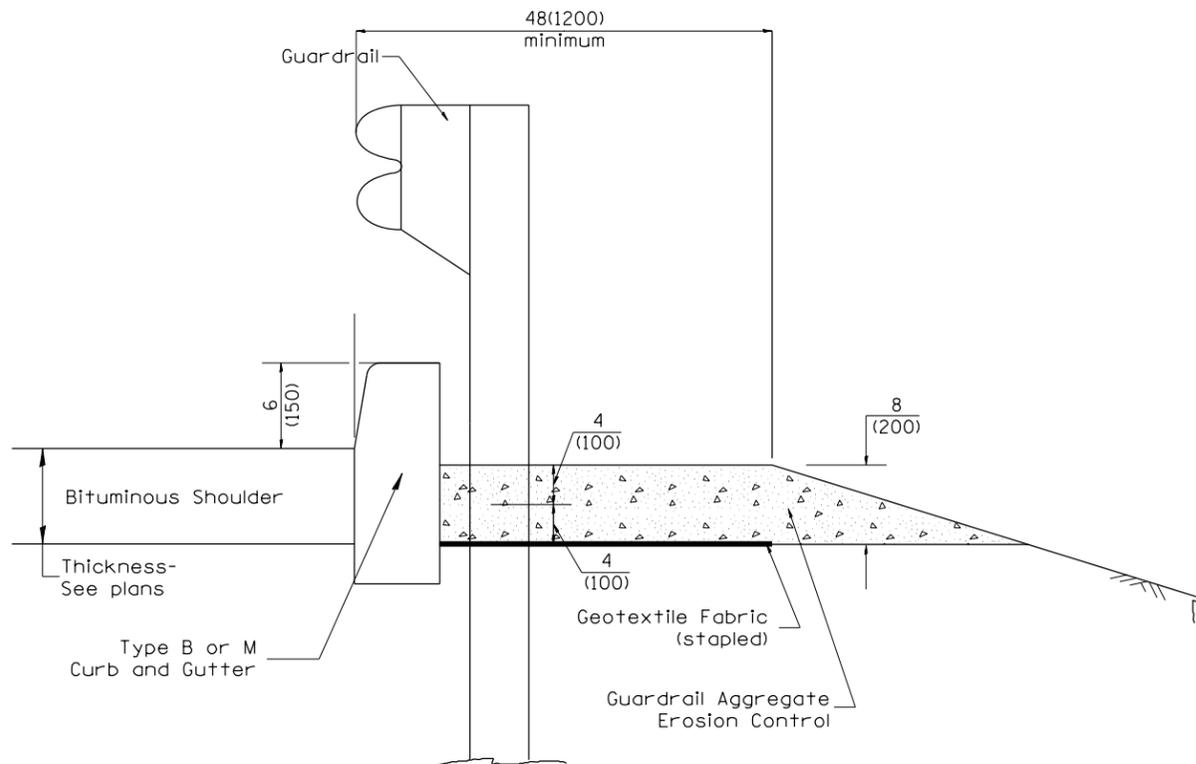
FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

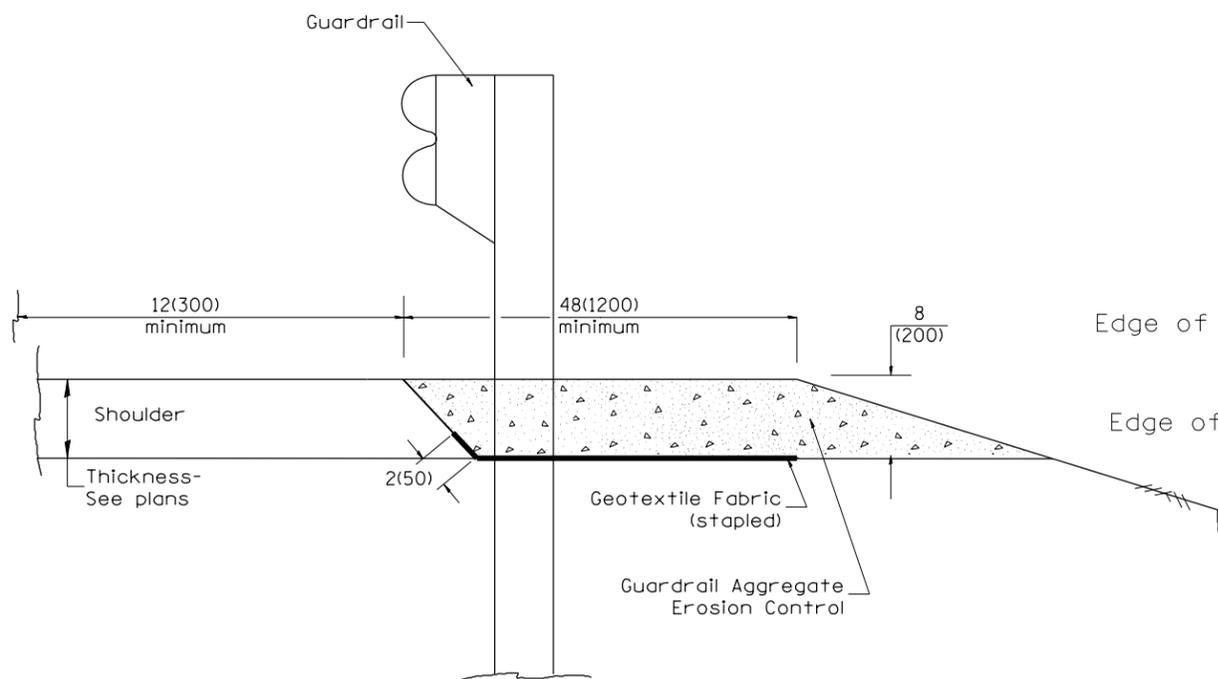
SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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



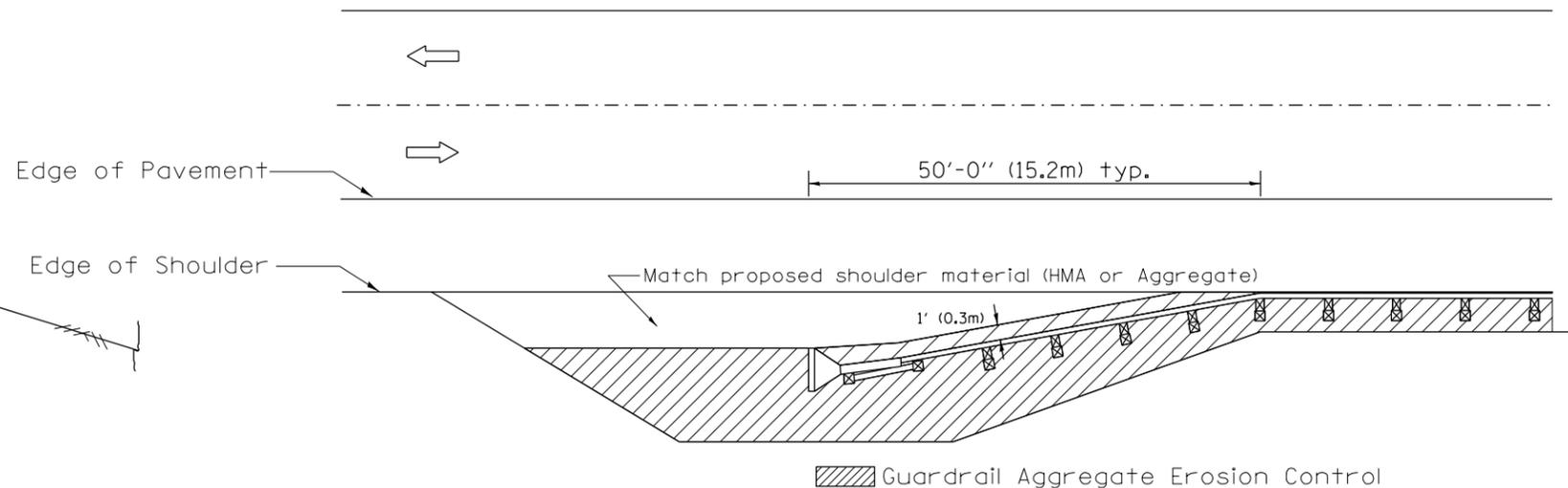
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

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



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

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.	3-7-11	Added Detail showing plan view	R.D.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.	8-10-12	Revised curb "B" and aggregate	R.D.
11-03-00	CORRECTION TO NOTES	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

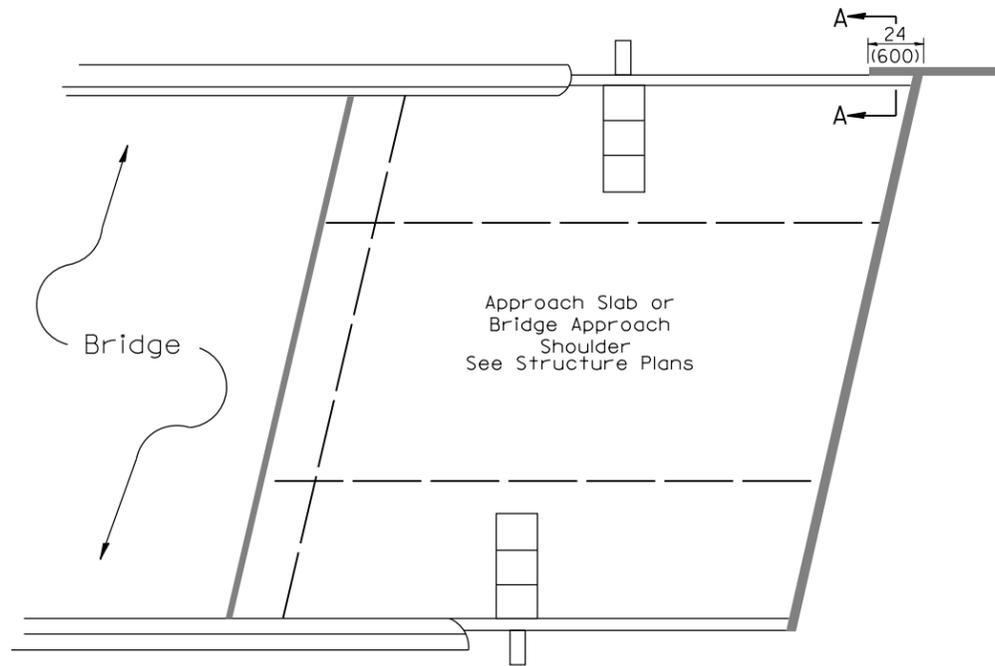
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

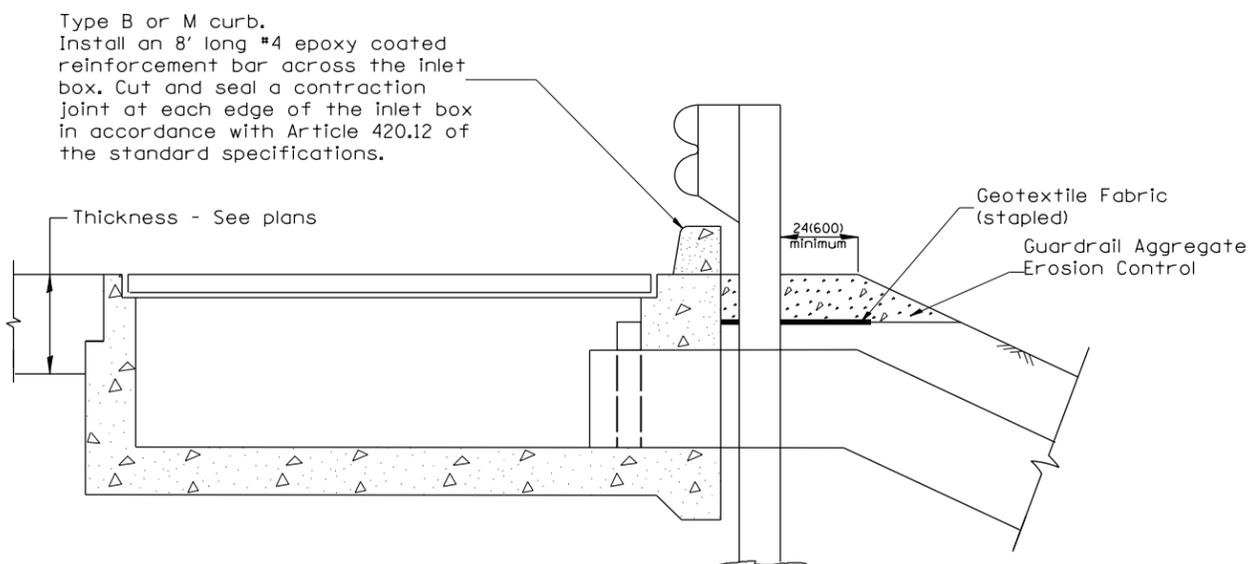
GUARDRAIL EROSION CONTROL TREATMENTS
SHT. 1 OF 2

CADD STD. 630101-D4

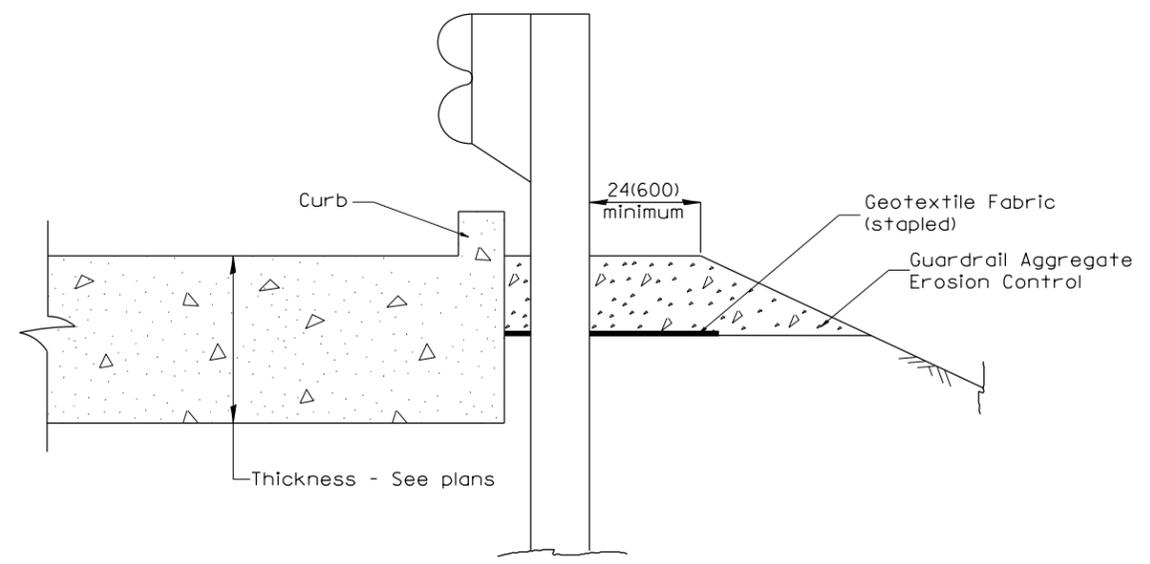
F.A. RTE. FAS 2402 U.S. 150	SECTION (110,111,112,113)RS-3; 114RS-4;112C-2	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 62
FED AID PROJECT		CONTRACT NO. 68614		



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



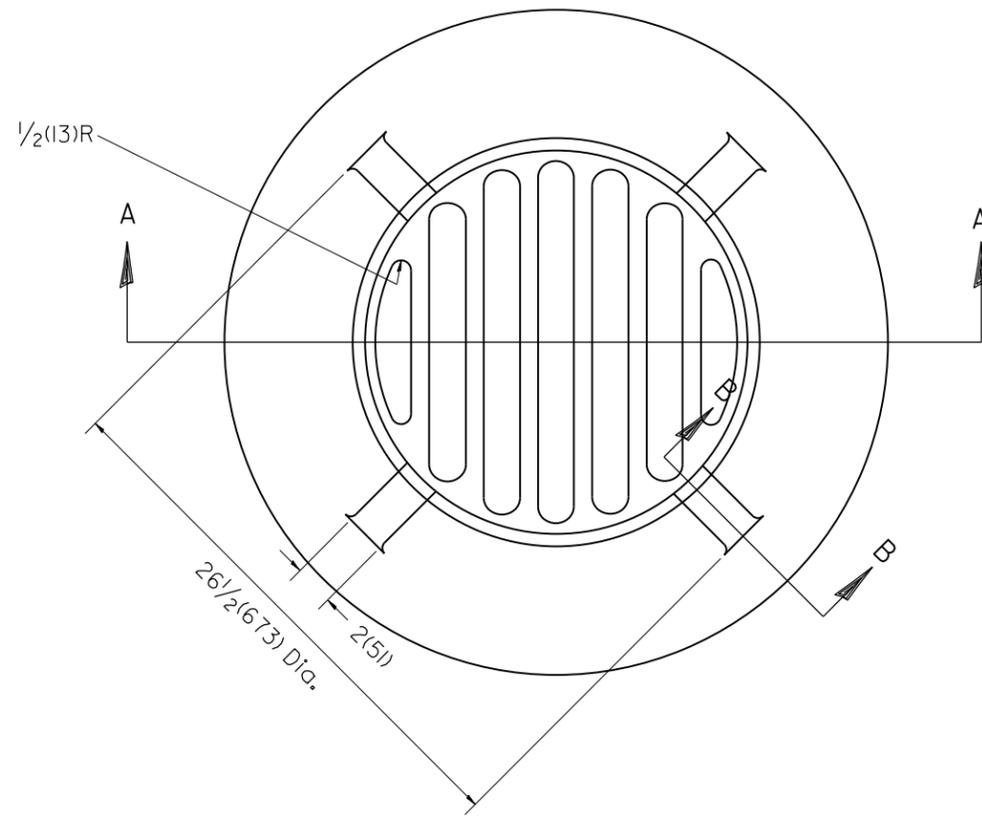
TYPICAL SECTION AT INLETS
 TYPE E & F (STANDARD 610001)



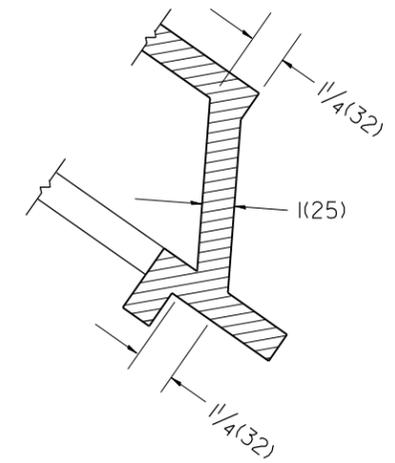
SECTION A-A
 TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

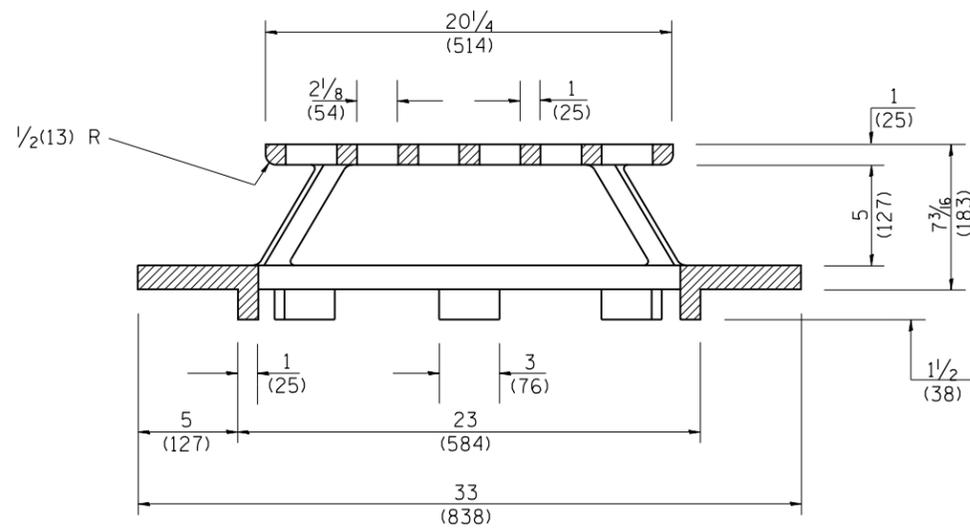
				STATE OF ILLINOIS					GUARDRAIL EROSION CONTROL TREATMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL	SHEET
				DEPARTMENT OF TRANSPORTATION					SHT. 2 OF 2	FAS 2402	(110,111,112,113)RS-3;	PEORIA	76	63
								CADD STD. 630101-D4	U.S. 150	114RS-4;112C-2				
								NOT TO SCALE	FED AID PROJECT			CONTRACT NO. 68614		



PLAN



SECTION B - B



SECTION A - A

GENERAL NOTES

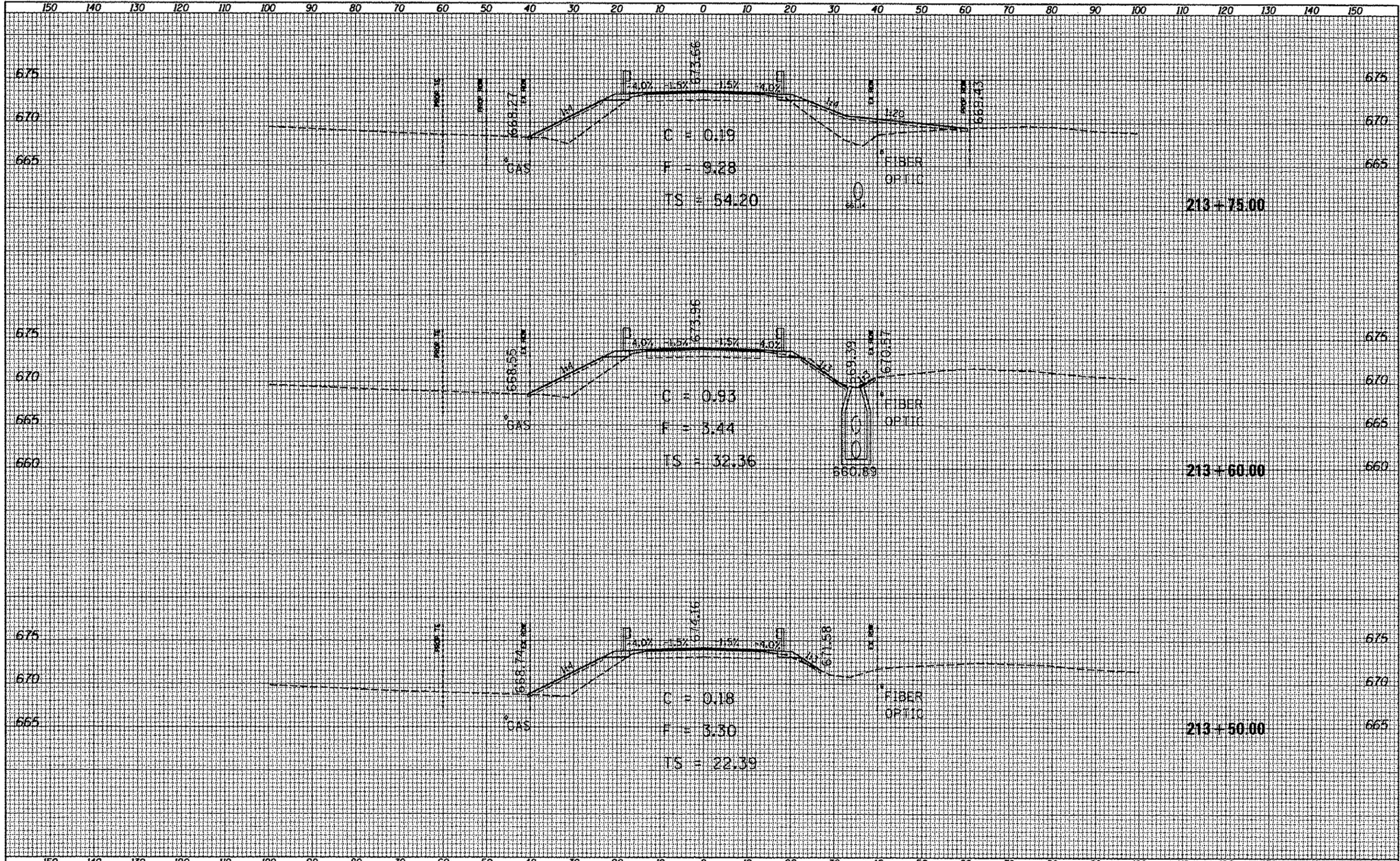
1. MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)

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

01-01-97	RENUM. B-10.02, NEW REVISION BOX	T.P.																	
10-16-06	REVISED TO 2007 SPEC.	M.A.																	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										TYPE 37 GRATE		F.A. RTE. FAS 2402	SECTION (110,111,112,113)RS-3;	COUNTY	TOTAL SHEETS	SHEET NO.			
										NOT TO SCALE		U.S. 150	114RS-4;112C-2	PEORIA	76	65			
										CADD STD. 604301-D4		FED AID PROJECT		CONTRACT NO. 68614					

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

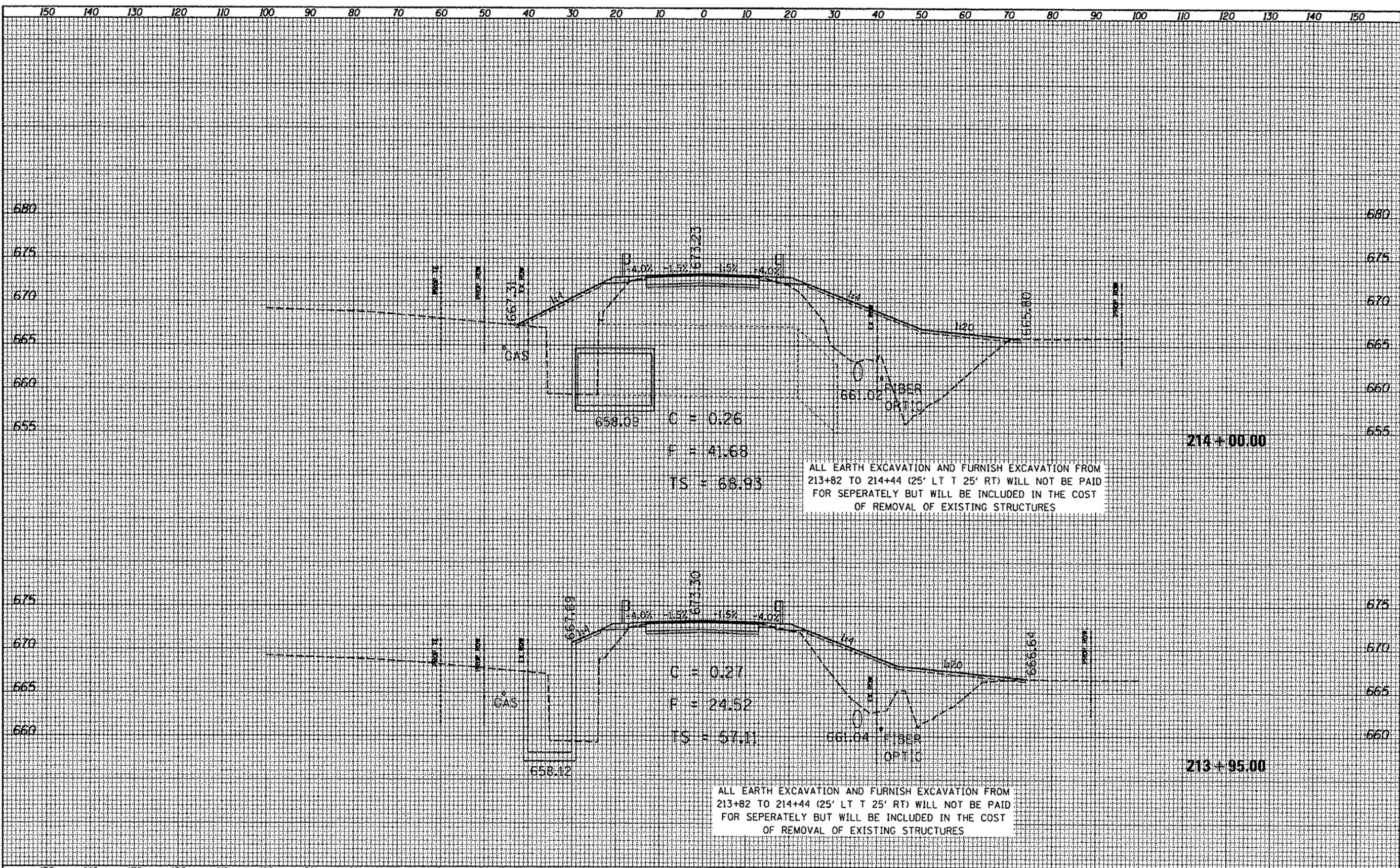
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



FILE NAME 0468014-ah1-typical.dgn	USER NAME huda@isone	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION X-SECTIONS US 150	F.A.S. RTE. 2402	SECTION	COUNTY	TOTAL SHEETS
Default	PLOT SCALE 20.7410' / 1"	DRAWN -	REVISED -		PEORIA	76	67	
	PLOT DATE 6/22/2013	CHECKED -	REVISED -		CONTRACT NO. 68614			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT			

DATE	
BY	
FINAL SURVEY	
STARTED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

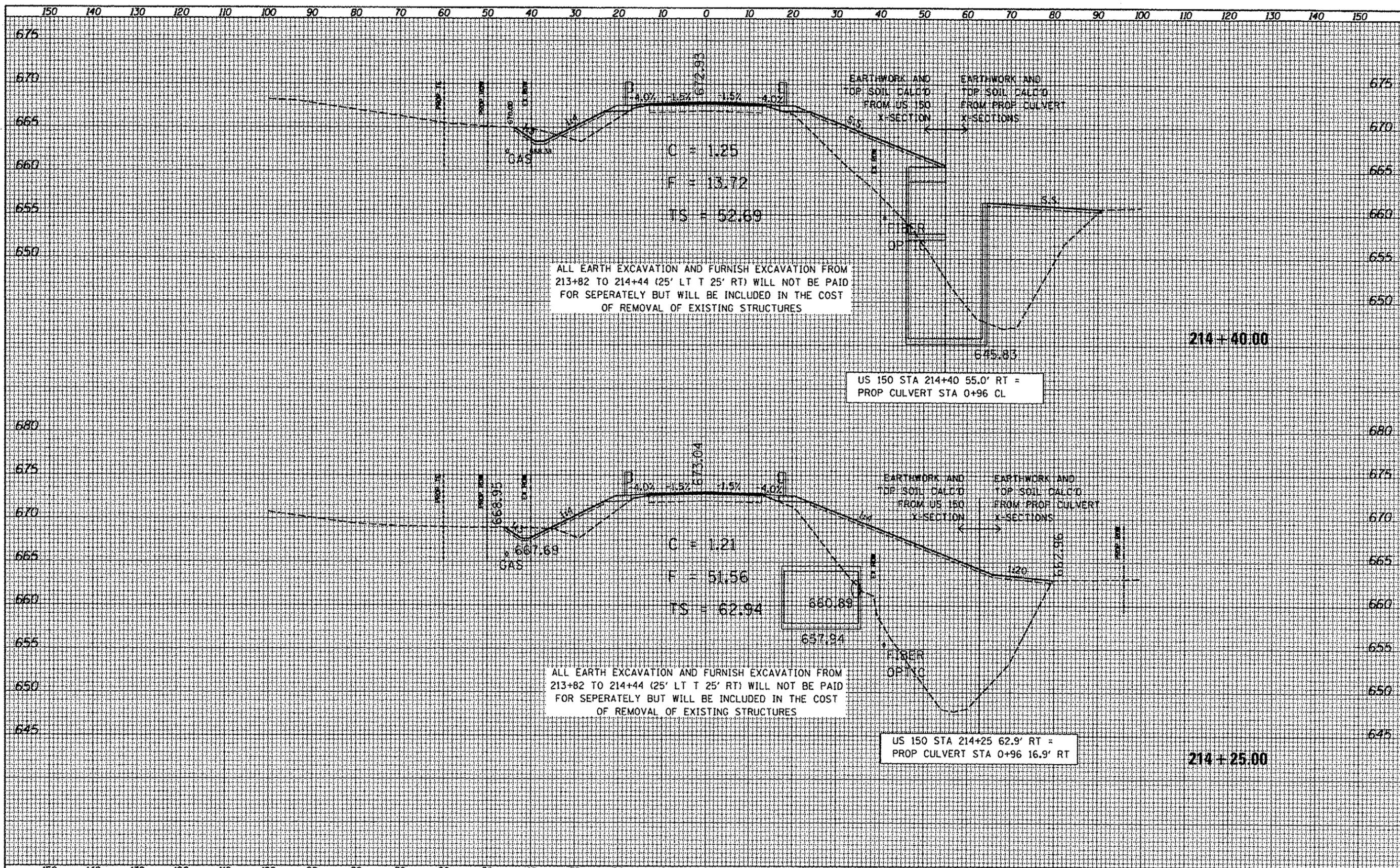
DATE	
BY	
ORIGINAL SURVEY	
STARTED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = 0468614-shr-typrcal.dgn	USER NAME = hudelsonn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	X-SECTIONS US 150	F.A.S. RTE. 2402	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 20.7410' / in.	CHECKED -	REVISED -			PEORIA	76	68		
	PLOT DATE = 5/22/2013	DATE -	REVISED -			CONTRACT NO. 68614				
						ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
EDITED	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
EDITED	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

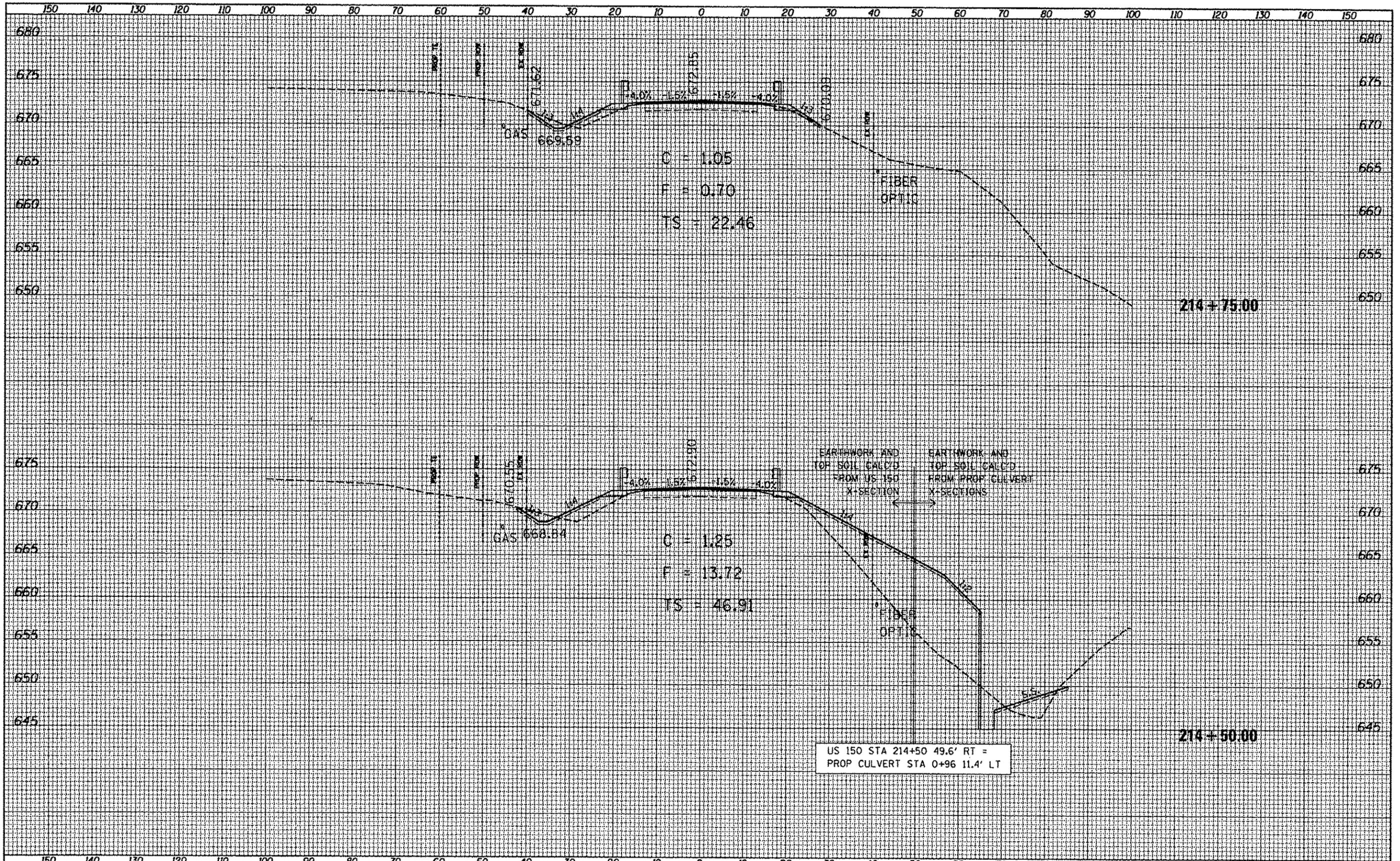


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Default	PLLOT SCALE = 28.7418' / in.	DRAWN -	REVISED -			PEORIA	76	69		
	PLLOT DATE = 9/22/2013	CHECKED -	REVISED -			CONTRACT NO. 68614				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET _____ OF _____ SHEETS STA. 214+25.00 TO STA. 214+40.00
 * (110,111,112,113)RS-3; 114RS-4; 112C-2

DATE	
BY	
FINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	



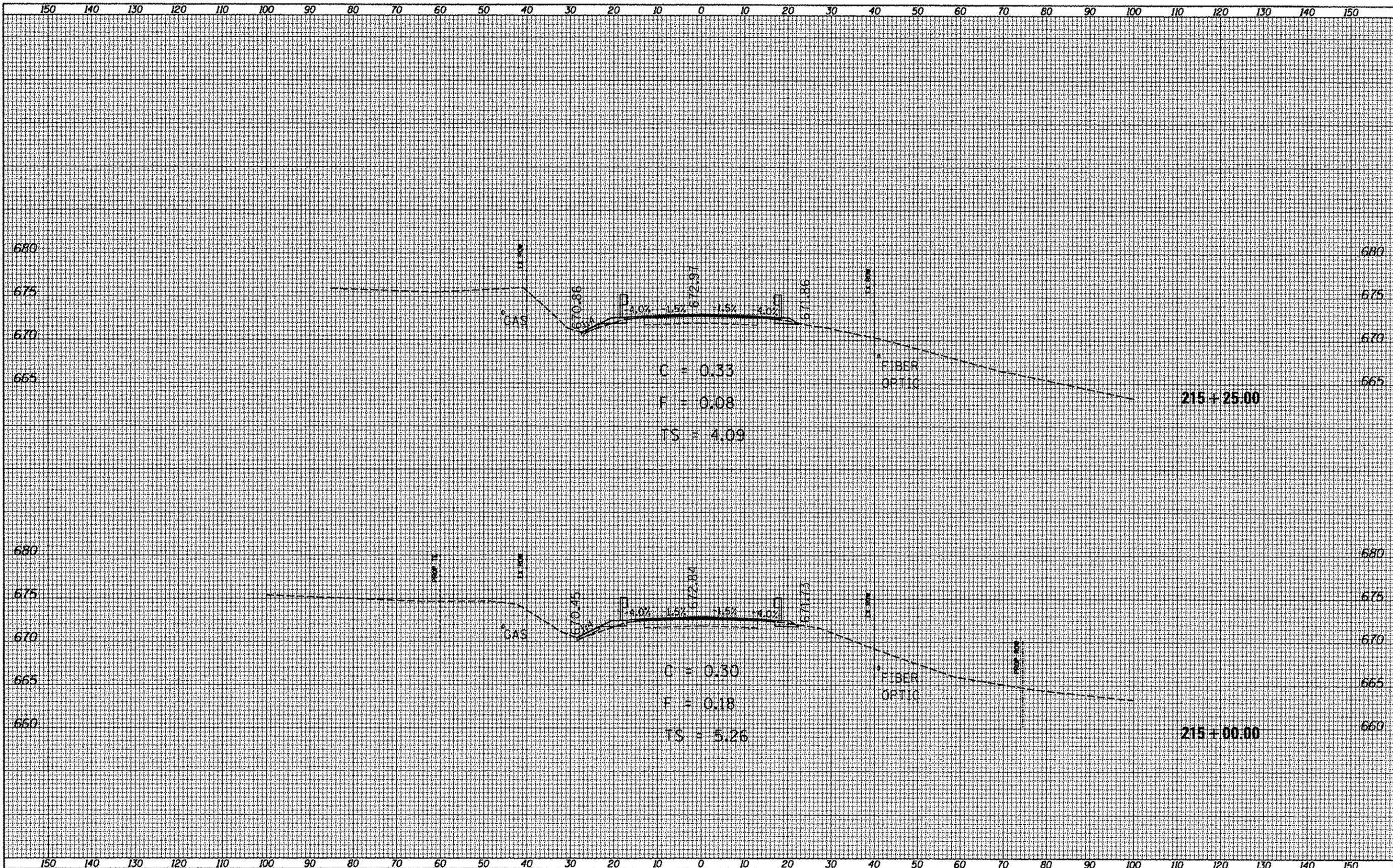
US 150 STA 214+50 49.6' RT =
PROP CULVERT STA 0+96 11.4' LT

FILE NAME: 0468614-sh1-typical.dgn	USER NAME: hudej@icd.com	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	X-SECTIONS US 150	F.A.S. RTE. 2902	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE: 20.7418' / 1" =	DRAWN: _____	REVISED: _____			PEORIA	76	70		
	PLOT DATE: 5/22/2013	CHECKED: _____	REVISED: _____			CONTRACT NO. 68614				
		DATE: _____	REVISED: _____			ILLINOIS FED. AID PROJECT				

(110,111,112,113)RS-3; 114RS-4; 112C-2

DATE	
BY	
FINAL SURVEY	
STARTED	
PLOTTED	
NOTE BOOK	
AREA	
AREA CHECKED	
NO.	

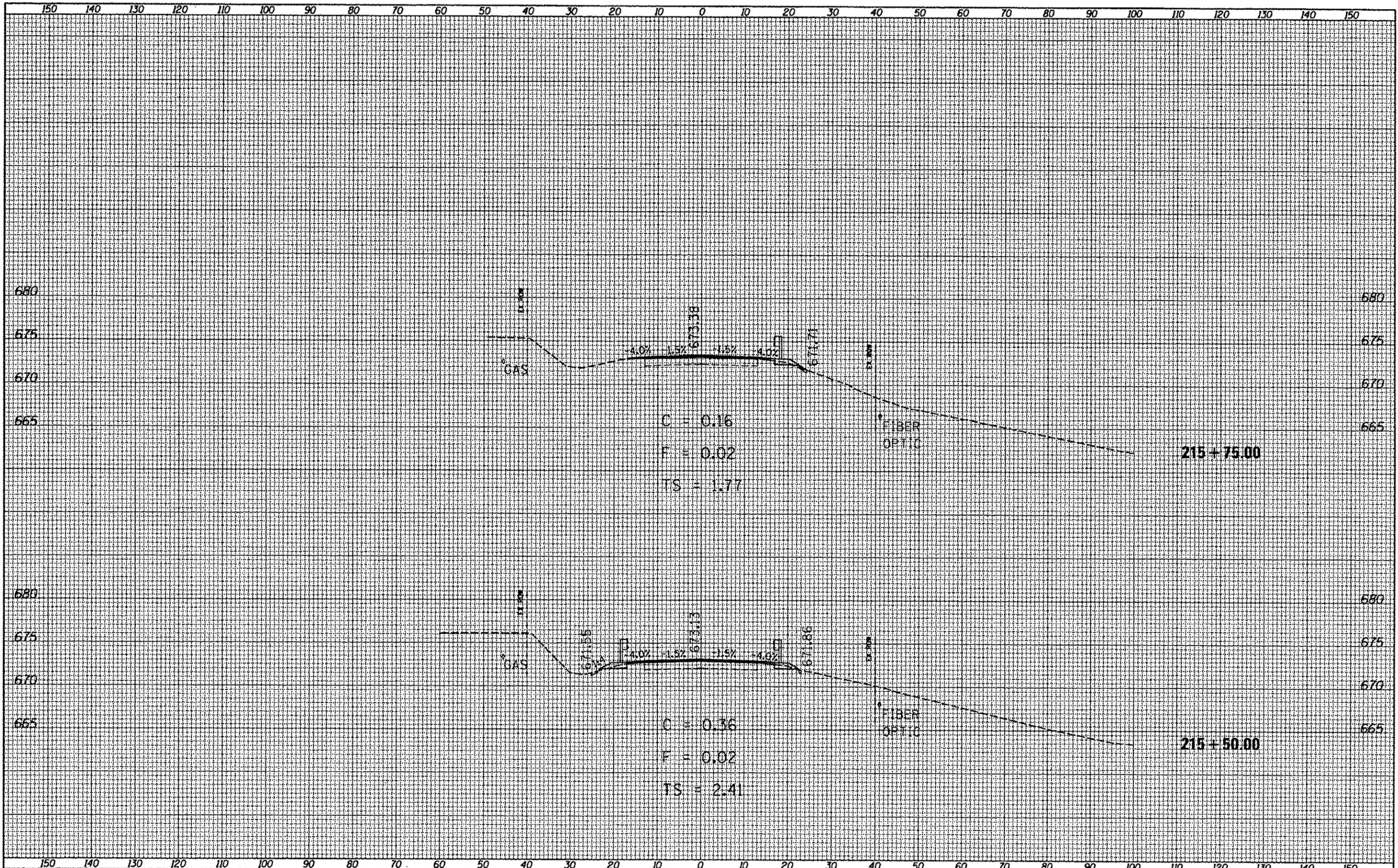
DATE	
BY	
ORIGINAL SURVEY	
STARTED	
PLOTTED	
NOTE BOOK	
AREA	
AREA CHECKED	
NO.	



FILE NAME D:\68614\shc\sp1001.dgn	USER NAME hudsonnm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION X-SECTIONS US 150	F.A.S. SITE 2492	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -		PEORIA	76	71		
		CHECKED -	REVISED -		CONTRACT NO. 68614				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT				

FINAL	DATE
SURVEY	BY
NOTED	
BOOK	
DATE	
BY	

ORIGINAL	DATE
SURVEY	BY
NOTED	
BOOK	
DATE	
BY	



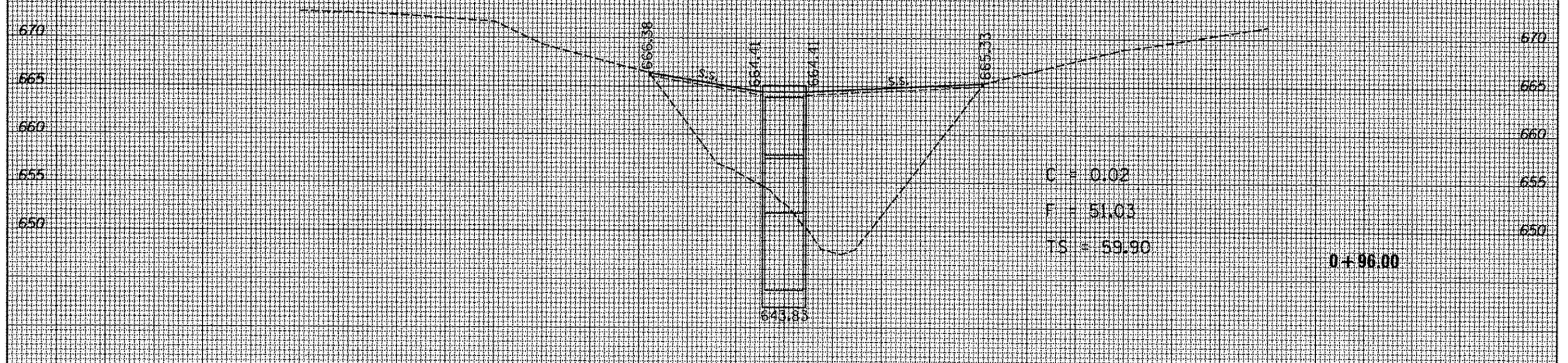
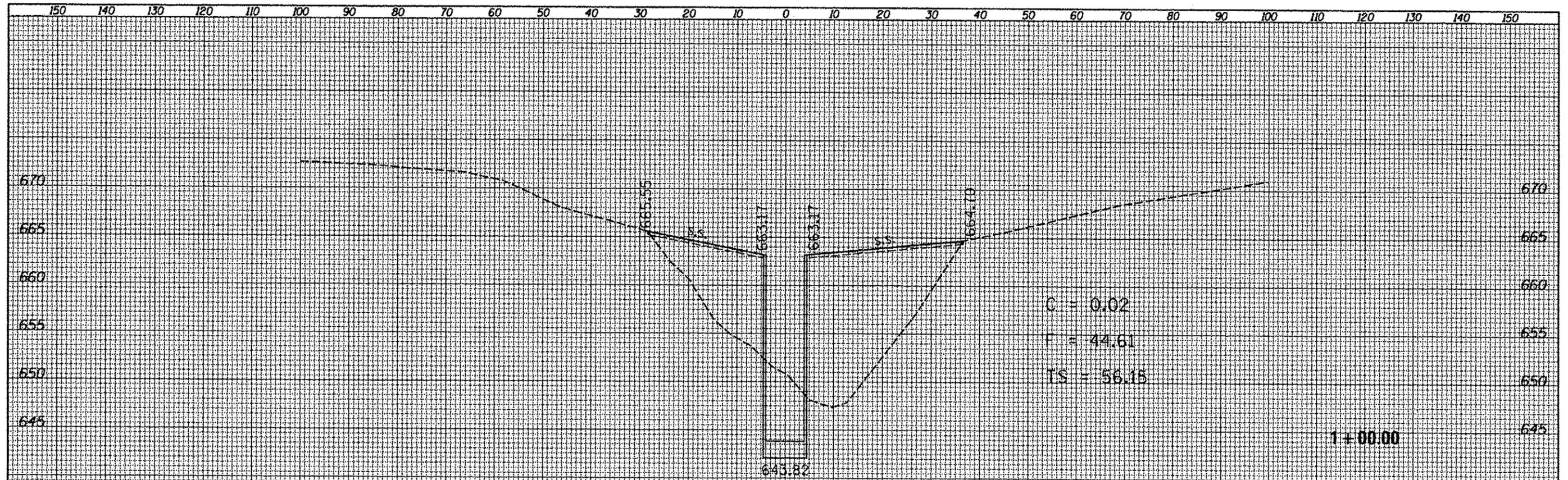
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 TS = 1.77

C = 0.36
 F = 0.02
 TS = 2.41

FILE NAME D:\68614\sh-typool.dgn	USER NAME hudele@state	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION X-SECTIONS US 150	F.A.S. RTE. 2402	SECTION	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 72
Default	PLOT SCALE = 28.7418' / 1"	CHECKED -	REVISED -		SCALE: _____	SHEET _____ OF _____ SHEETS		CONTRACT NO. 68614	
	PLOT DATE = 5/22/2013	DATE -	REVISED -		STA. 215+50.00 TO STA. 215+75.00		ILLINOIS FED. AID PROJECT		
							1110,111,112,113/RS-3; 114RS-4; 112C-2		

DATE	
BY	
FINISHED	
SURVEY	
PLANNED	
NOTED	
AREA	
AREAS	
CREATED	

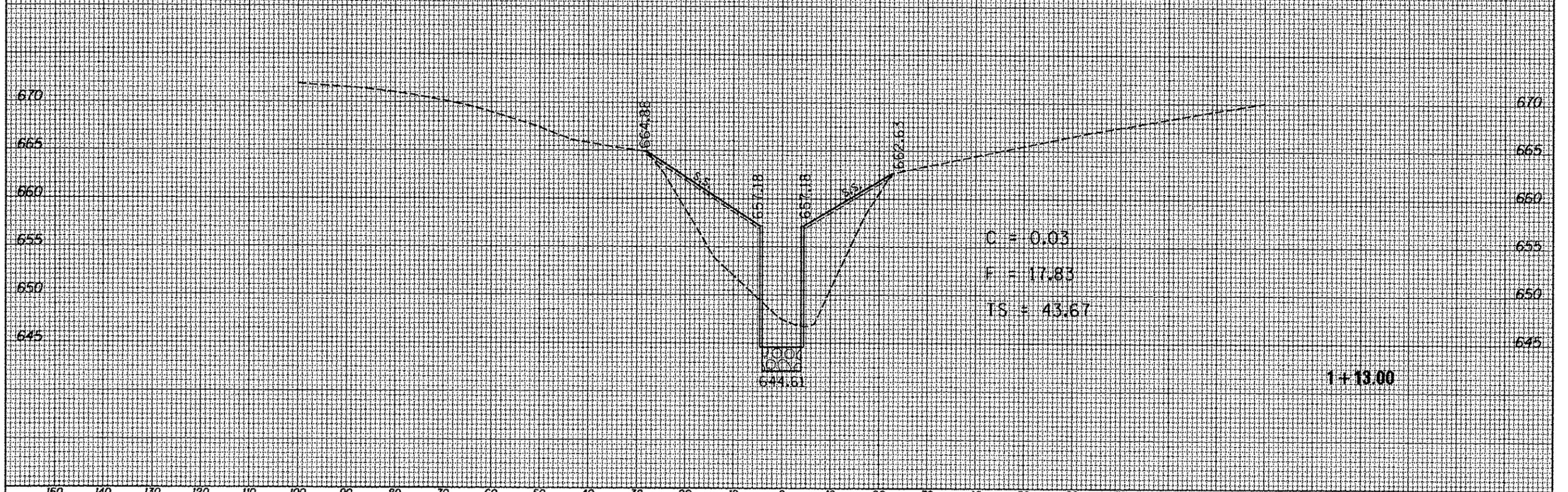
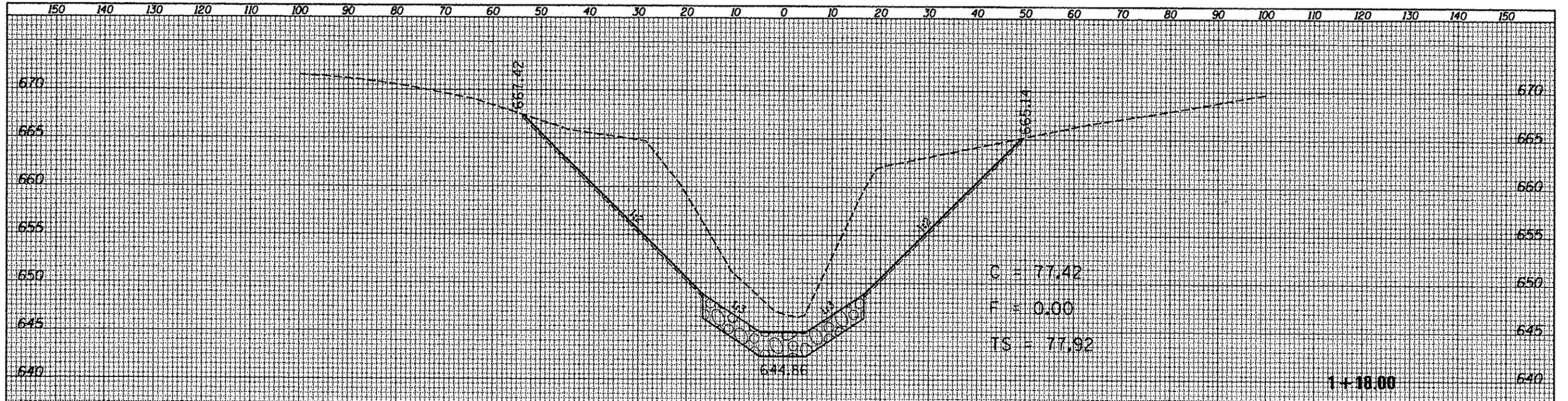
DATE	
BY	
ORIGINAL	
SURVEY	
PLANNED	
NOTED	
AREA	
AREAS	
CREATED	



FILE NAME: D:\68614\ahc-typical.dgn	USER NAME: hudeisonms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION X-SECTIONS PROP CULVERT	F.A.S. RTE. 2402	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -		SCALE: _____		PEORIA	76	73
		CHECKED -	REVISED -		SHEET _____ OF _____ SHEETS				
		DATE -	REVISED -		STA. 96.00 TO STA. 100.00				

FINAL SURVEY	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
NOTE BOOK		
NO.		

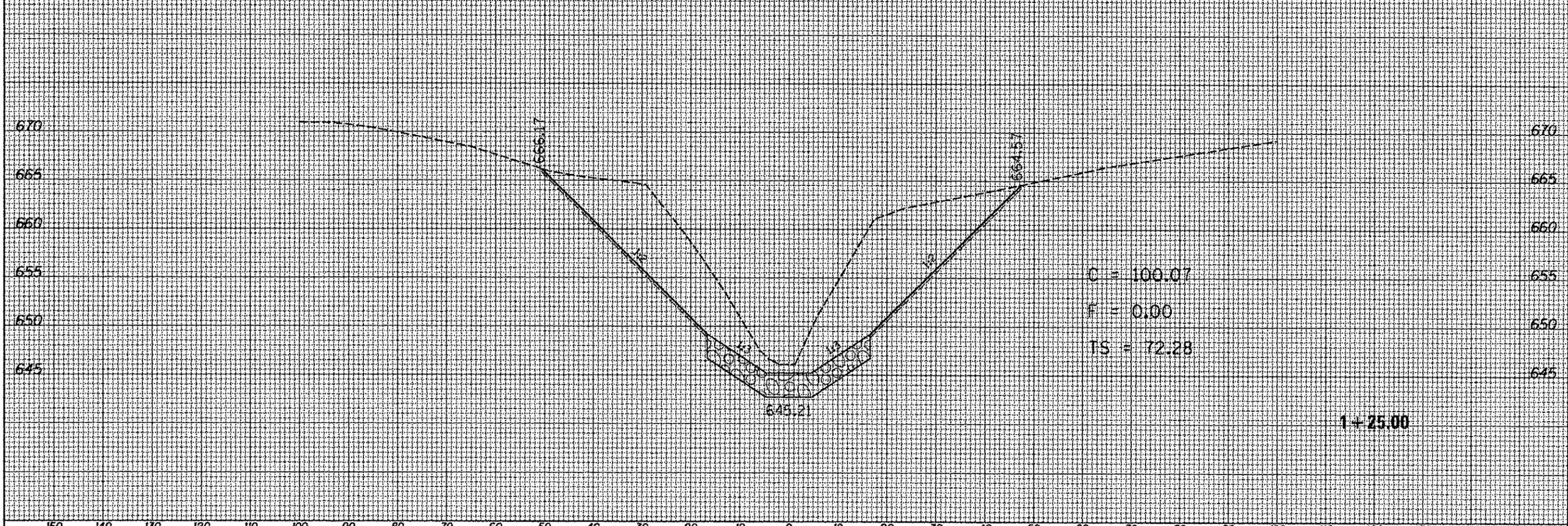
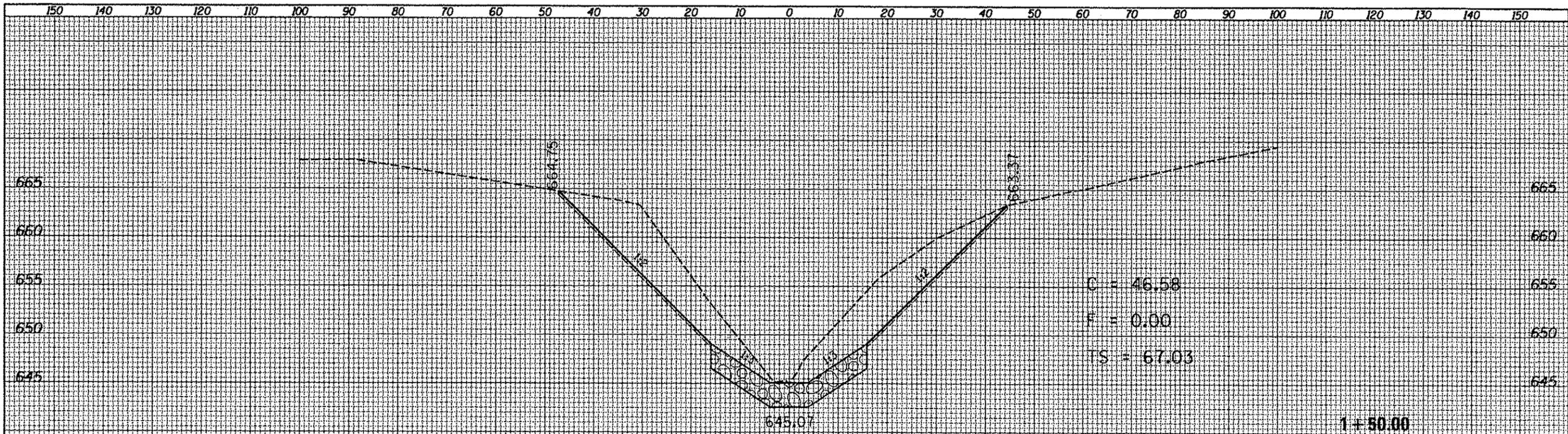
ORIGINAL SURVEY	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
NOTE BOOK		
NO.		



FILE NAME 0460514-shr-typical.dgn	USER NAME Hydrolasr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	X-SECTIONS PROP CULVERT	F.A.S. R.T.E. 2402	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE 28.7410' / in.	DRAWN -	REVISED -			REOBIA	76	74		
	PLOT DATE 5/22/2013	CHECKED -	REVISED -			CONTRACT NO. 68614				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT 110,111,112,113RS-3; 114RS-4; 112C-2				

DATE	
BY	
FINAL SURVEY	
NOTED SURVEY	
NOTE BOOK	
AREA	
FIELD CHECKED	

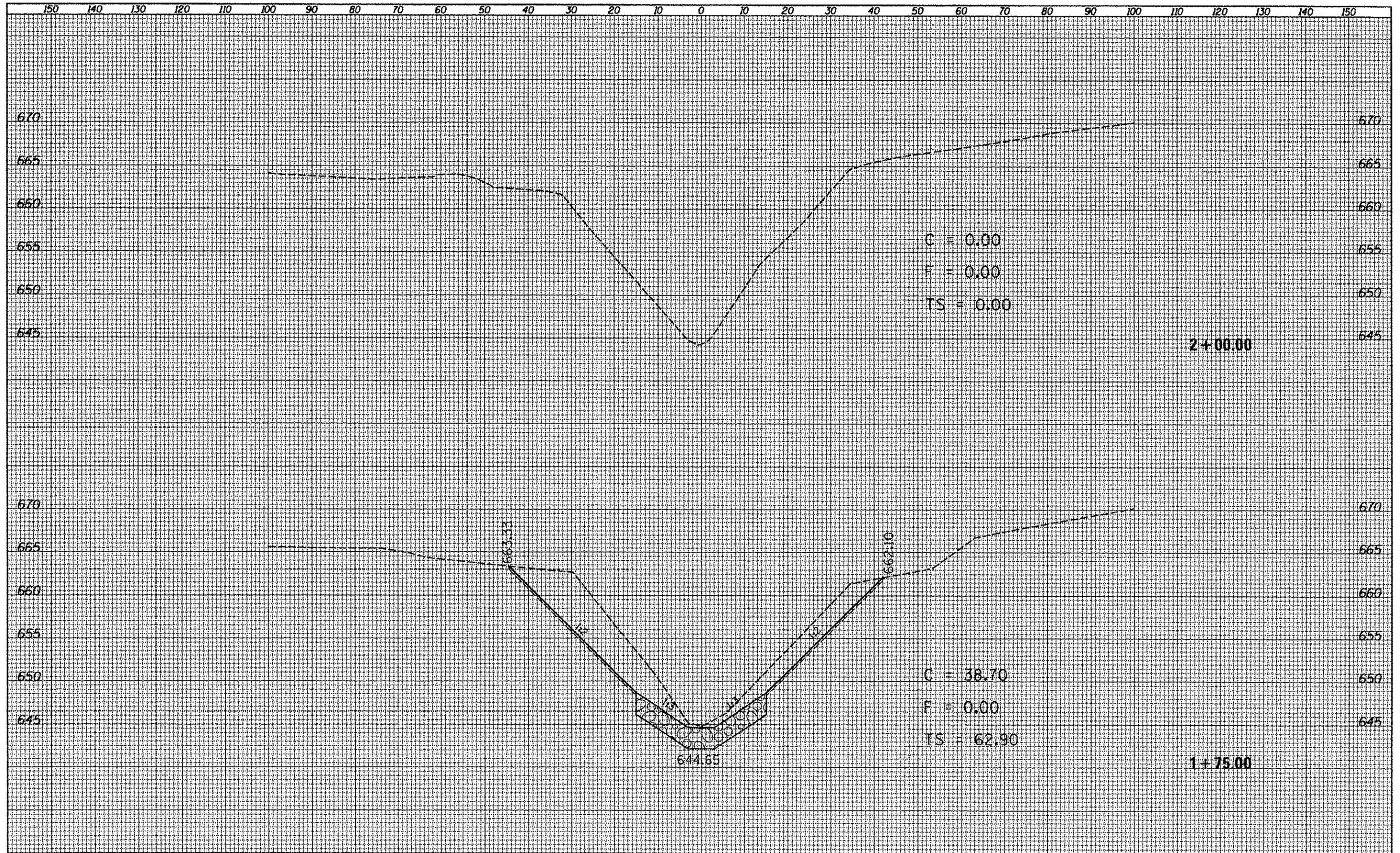
DATE	
BY	
ORIGINAL SURVEY	
NOTED SURVEY	
NOTE BOOK	
AREA	
FIELD CHECKED	



FILE NAME: D:\68014-ah1-typroal.dgn	USER NAME: hudsonc	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	X-SECTIONS PROP CULVERT	F.A.S. R.T.E. 2402	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE: 28.7418' / in.	CHECKED: _____	REVISED: _____			PEORIA	76	75		
	PLOT DATE: 5/22/2013	DATE: _____	REVISED: _____			CONTRACT NO. 68614				
						ILLINOIS FED. AID PROJECT				

DATE	
BY	
STARTED	
SURVEY	
PLotted	
NOTE BOOK	
NO.	
APPROX	
AREAS	
DELETED	

DATE	
BY	
STARTED	
SURVEY	
PLotted	
NOTE BOOK	
NO.	
APPROX	
AREAS	
DELETED	



C = 0.00
 F = 0.00
 TS = 0.00

C = 38.70
 F = 0.00
 TS = 62.90

2+00.00

1+75.00

FILE NAME D:\66014\ht-typr001.dgn	USER NAME hufelstone	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION X-SECTIONS PROP CULVERT	F.A.S. RATE 2402	SECTION -	COUNTY PEORIA	TOTAL SHEETS 76	SHEET NO. 76	
Default	PLOT SCALE = 20.7410 / in.	CHECKED -	REVISED -		SCALE -	SHEET -	OF -	SHEETS -	STA. 1+75.00	TO STA. 2+00.00
	PLOT DATE = 5/22/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT					
CONTRACT NO. 68614										