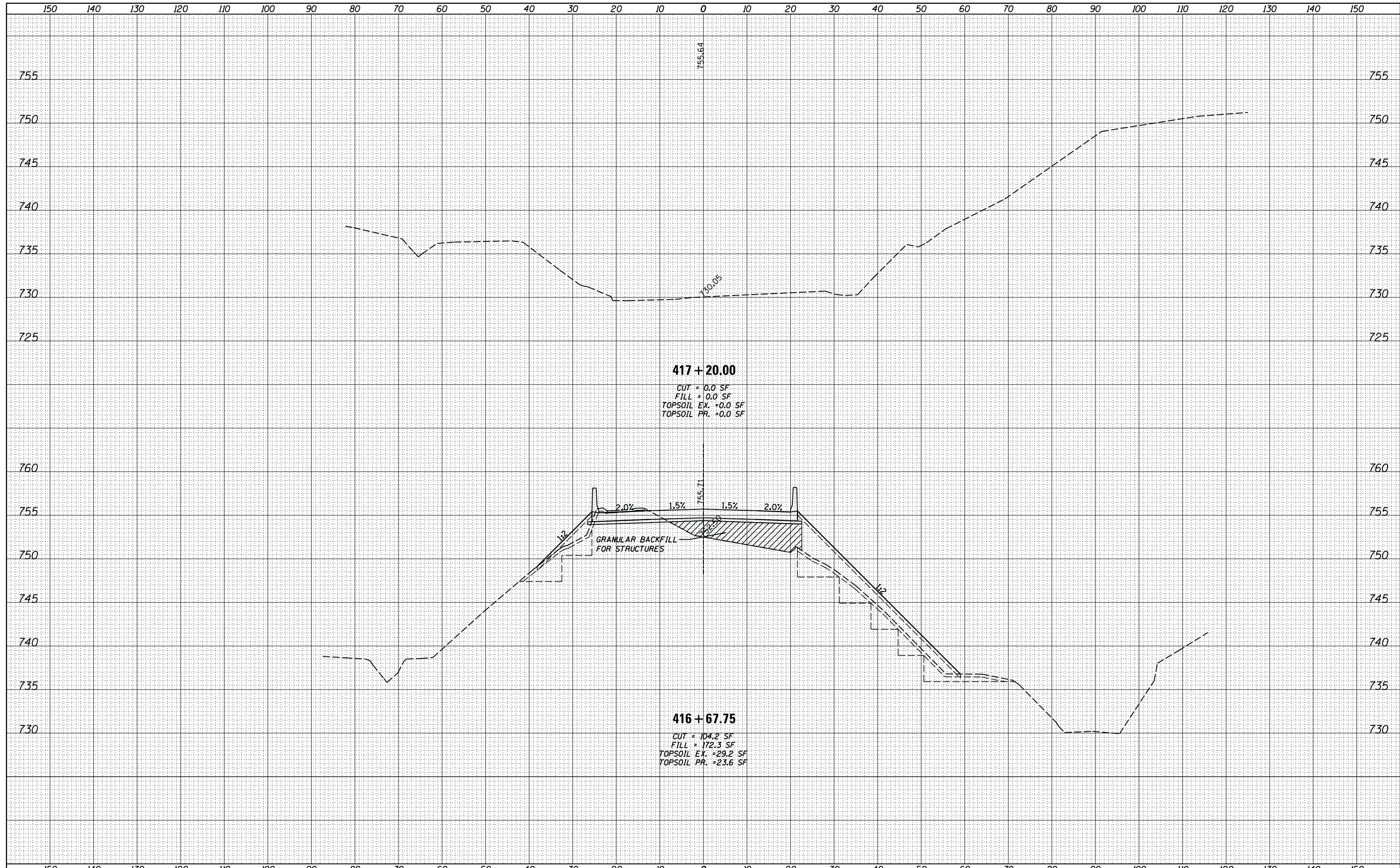


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PLOTTED TEMPLATE	
NOTE BOOK	
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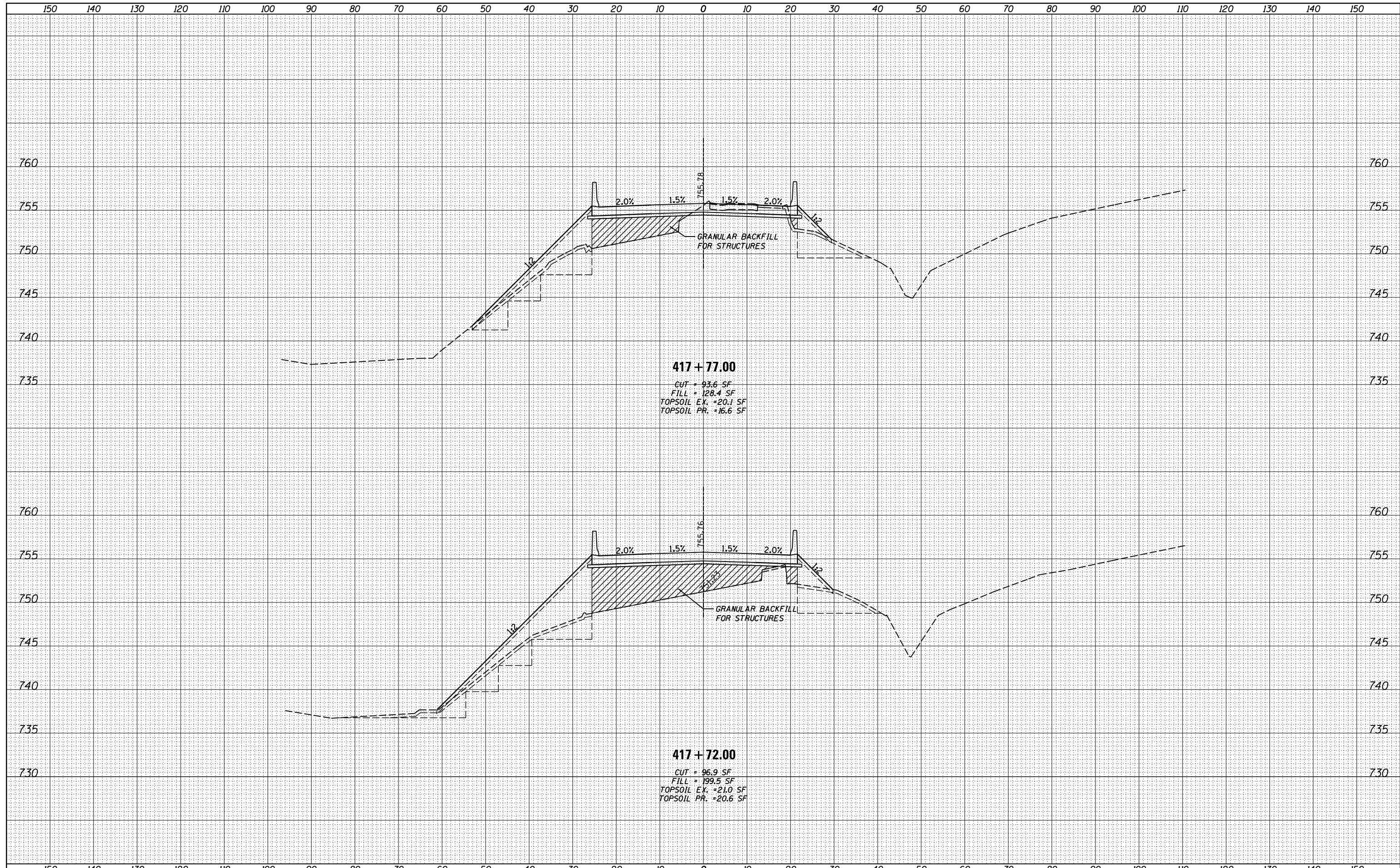
**417 + 20.00**  
 CUT = 0.0 SF  
 FILL = 0.0 SF  
 TOPSOIL EX. = 0.0 SF  
 TOPSOIL PR. = 0.0 SF

**416 + 67.75**  
 CUT = 104.2 SF  
 FILL = 172.3 SF  
 TOPSOIL EX. = 29.2 SF  
 TOPSOIL PR. = 23.6 SF

FILE NAME =	USER NAME = *USERS*	DESIGNED - JCP	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>I-74 WESTBOUND CROSS SECTIONS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN - TLM	REVISED -					74	48-(25B)BR, BR-1J	KNOX	131	101
PLOT SCALE = *SCALE*		CHECKED - GAO	REVISED -		SCALE: N/A			SHEET 7 OF 17 SHEETS			STA. 416+67.75 TO STA. 417+20.00	CONTRACT NO. 68B85
*MODELNAME*		DATE - 02/22/2013	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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TEMPLATE	
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NOTE BOOK	
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ORIGINAL SURVEY	
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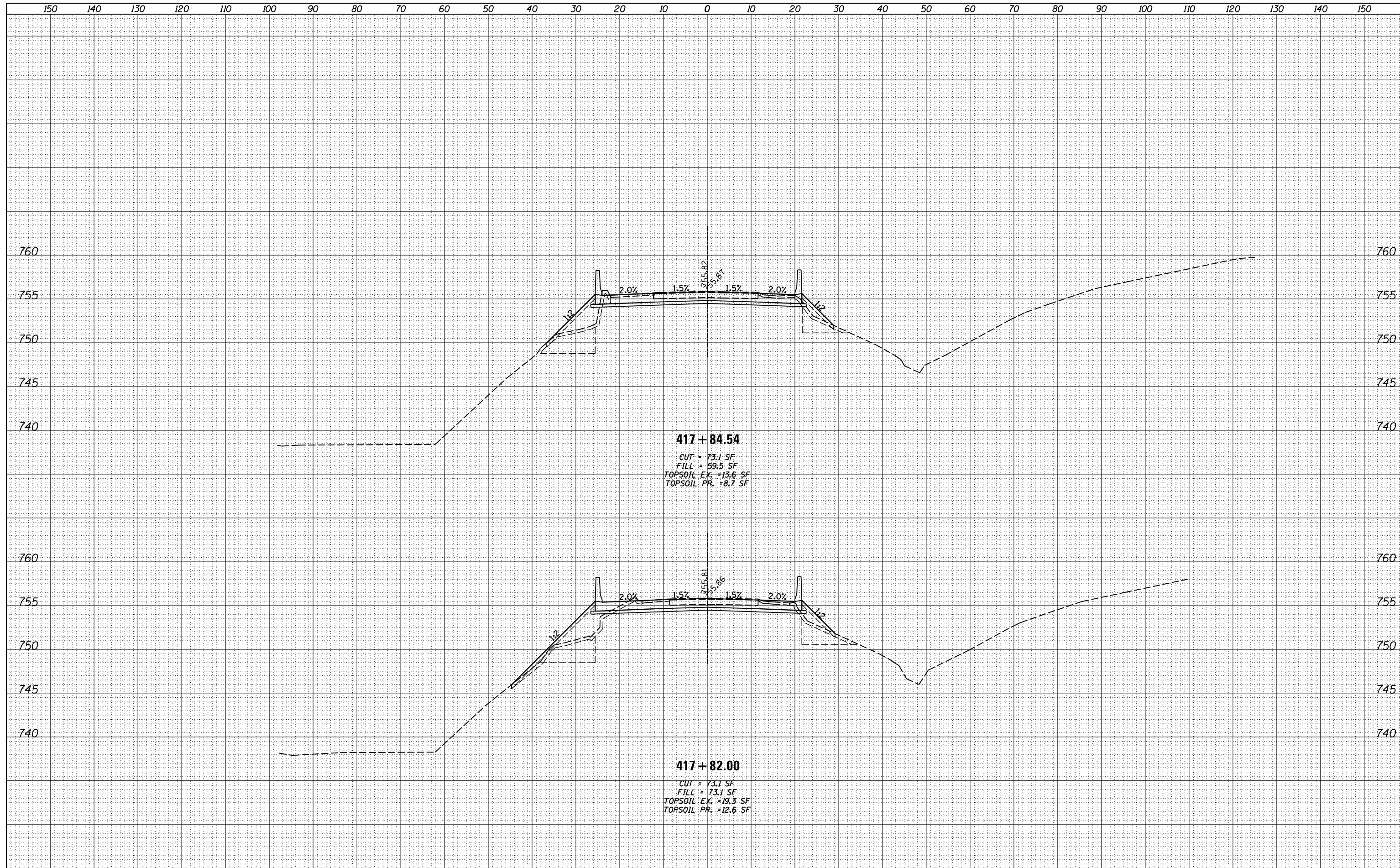


FILE NAME =	USER NAME = *USERS*	DESIGNED - JCP	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>I-74 WESTBOUND CROSS SECTIONS</b>	F.A.I. RTE. = 74	SECTION = 48-[125B]BR, BR-1J	COUNTY = KNOX	TOTAL SHEETS = 131	SHEET NO. = 102		
*FILEL*	PLOT SCALE = *SCALE*	DRAWN - TLM	REVISED -			SCALE: N/A	SHEET 8 OF 17 SHEETS	STA. 417+72.00 TO STA. 417+77.00	CONTRACT NO. 68B85			
*MODELNAME*	PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE - 02/22/2013	REVISED -									



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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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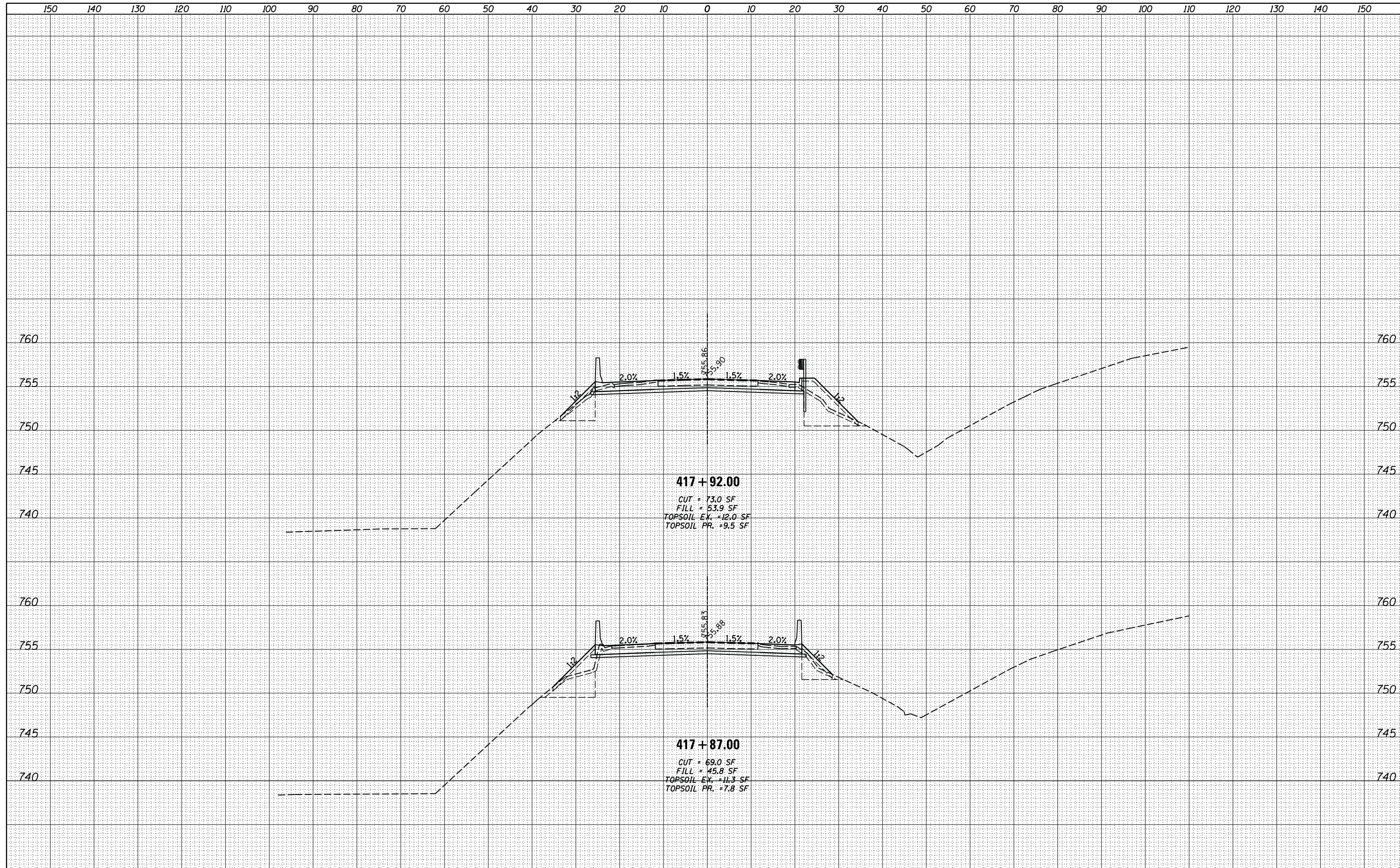


**417 + 84.54**  
 CUT = 73.1 SF  
 FILL = 59.5 SF  
 TOPSOIL EX. = 13.6 SF  
 TOPSOIL PR. = 8.7 SF

**417 + 82.00**  
 CUT = 73.1 SF  
 FILL = 73.1 SF  
 TOPSOIL EX. = 19.3 SF  
 TOPSOIL PR. = 12.6 SF

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
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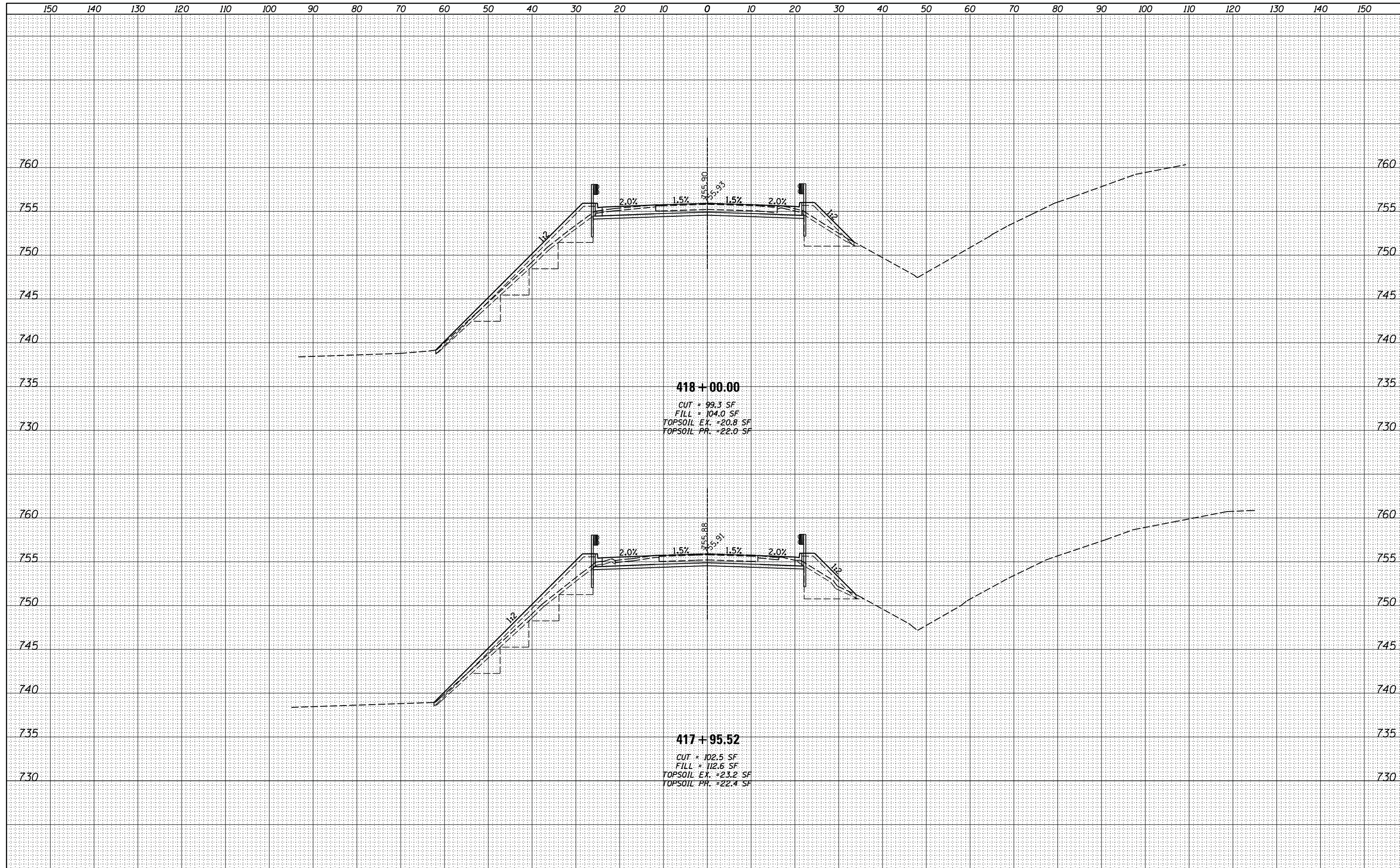
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TEMPLATE	
NOTE BOOK	
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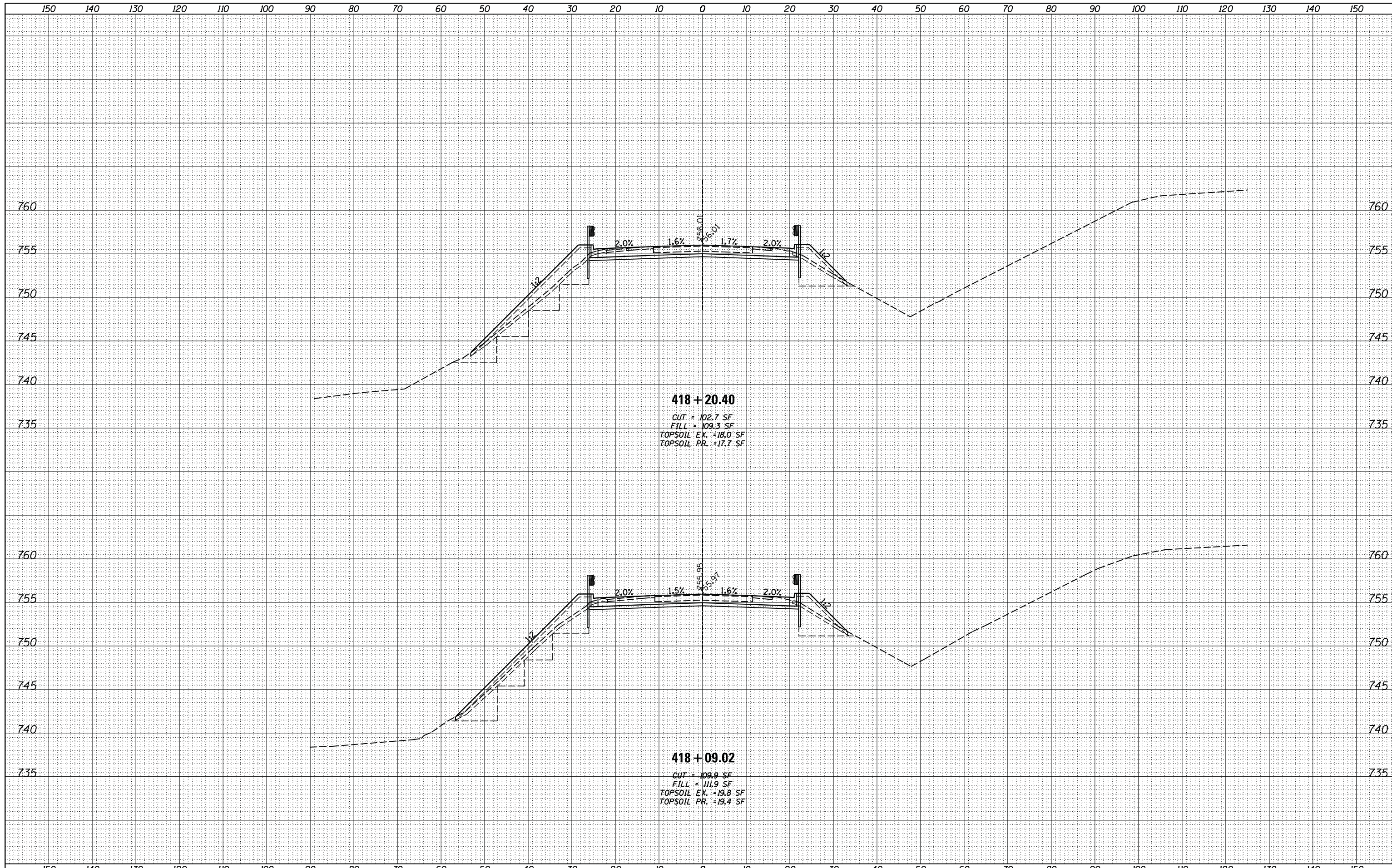


**418 + 00.00**  
 CUT = 99.3 SF  
 FILL = 104.0 SF  
 TOPSOIL EX. = 20.8 SF  
 TOPSOIL PR. = 22.0 SF

**417 + 95.52**  
 CUT = 102.5 SF  
 FILL = 112.6 SF  
 TOPSOIL EX. = 23.2 SF  
 TOPSOIL PR. = 22.4 SF

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED



**418 + 20.40**  
 CUT = 102.7 SF  
 FILL = 109.3 SF  
 TOPSOIL EX. = 18.0 SF  
 TOPSOIL PR. = 17.7 SF

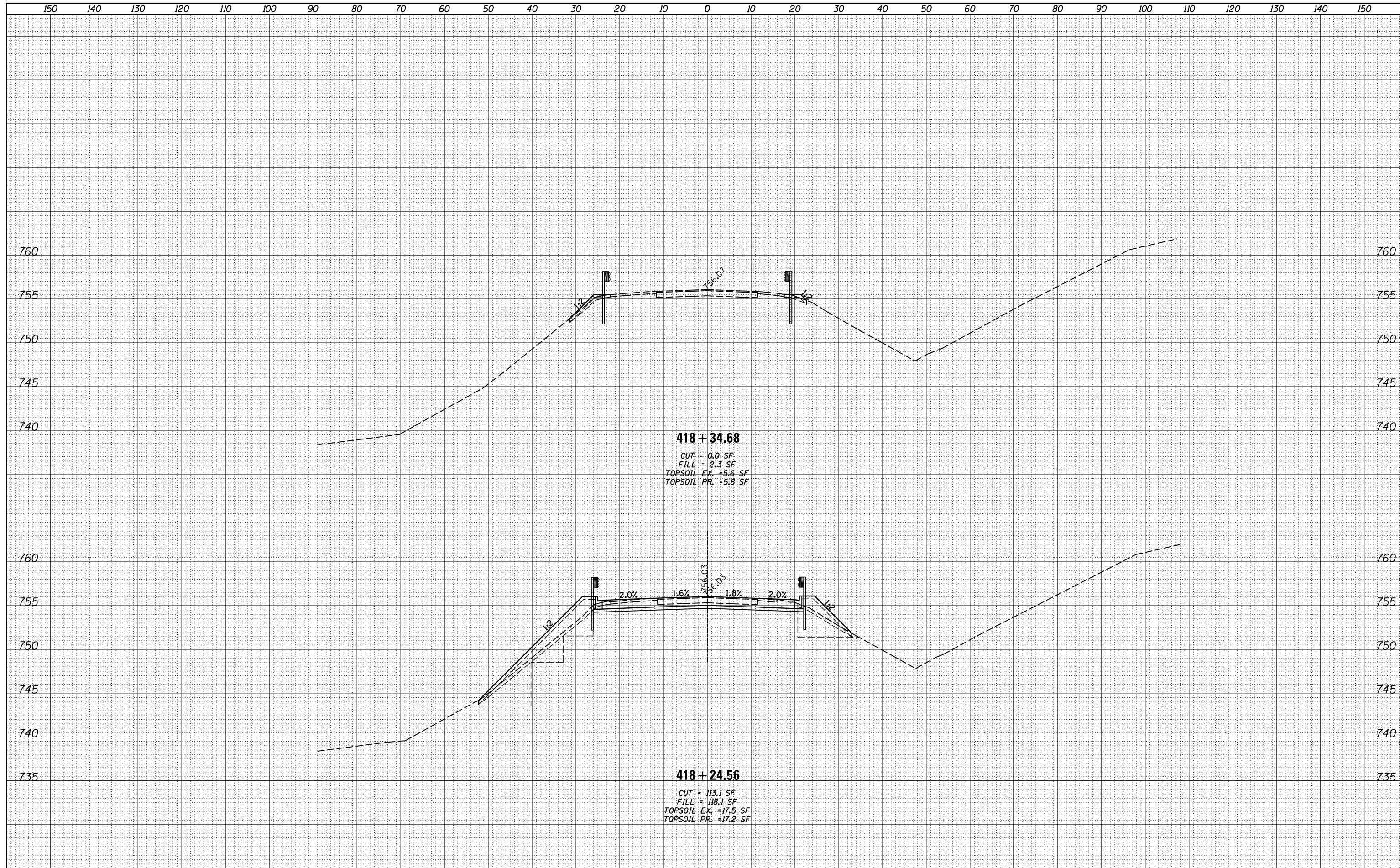
**418 + 09.02**  
 CUT = 109.9 SF  
 FILL = 111.9 SF  
 TOPSOIL EX. = 19.8 SF  
 TOPSOIL PR. = 19.4 SF

FILE NAME =	USER NAME = *USERS*	DESIGNED - JCP	REvised -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>I-74 WESTBOUND CROSS SECTIONS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN - TLM	REvised -		74	48-(25B)BR, BR-1J	KNOX	131	106			
		CHECKED - GAO	REvised -		CONTRACT NO. 68B85							
*MODELNAME*		DATE - 02/22/2013	REvised -		SCALE: N/A	SHEET 12	OF 17 SHEETS	STA. 418+09.02	TO STA. 418+20.40	ILLINOIS FED. AID PROJECT		



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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



**418 + 34.68**  
 CUT = 0.0 SF  
 FILL = 2.3 SF  
 TOPSOIL EX. = 5.6 SF  
 TOPSOIL PR. = 5.8 SF

**418 + 24.56**  
 CUT = 113.1 SF  
 FILL = 118.1 SF  
 TOPSOIL EX. = 17.5 SF  
 TOPSOIL PR. = 17.2 SF

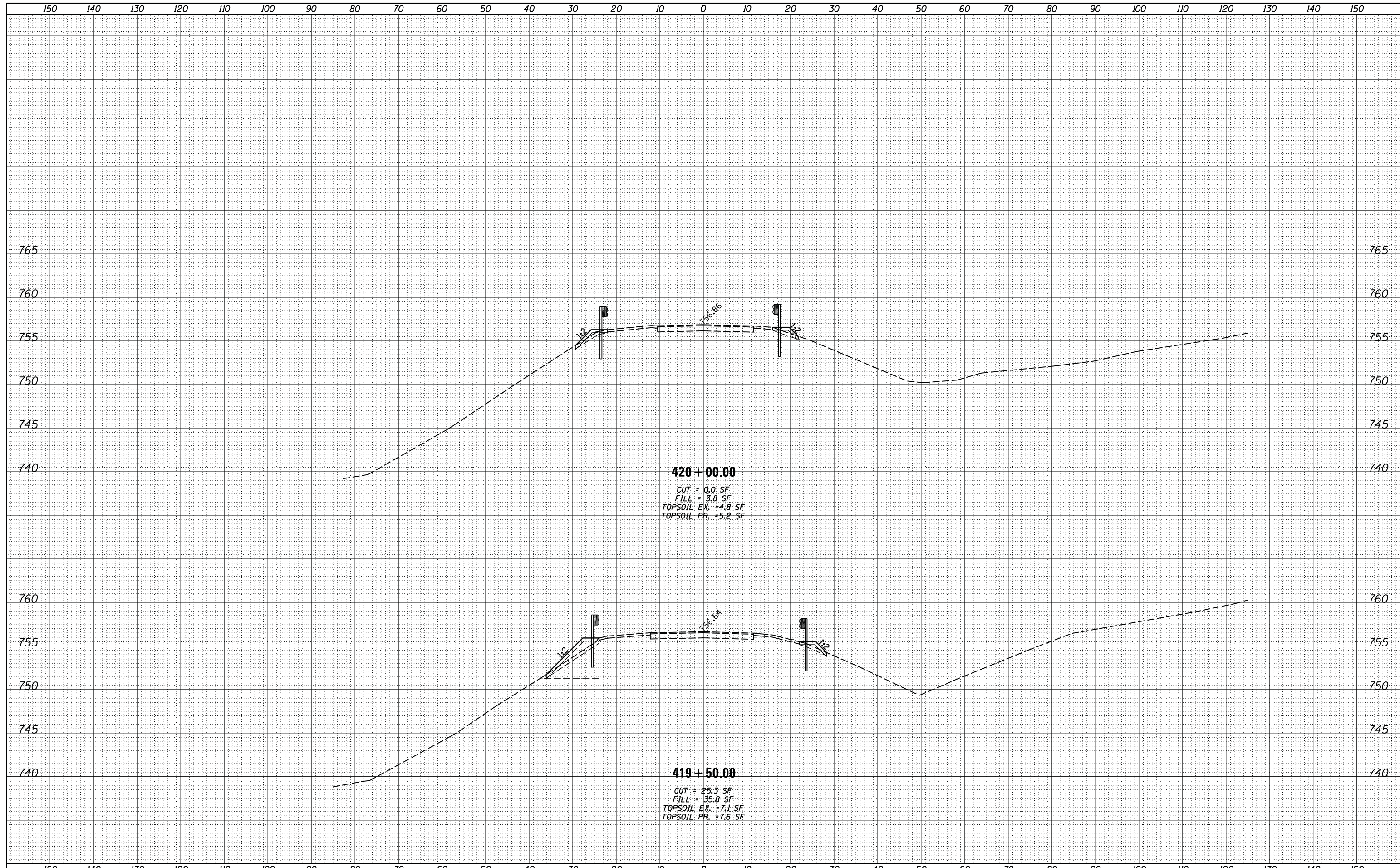
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*FILEL*		DRAWN - TLM	REVISED -		SCALE: N/A	SHEET 13	OF 17 SHEETS	STA. 418+24.56	TO STA. 418+34.68	CONTRACT NO. 68B85		
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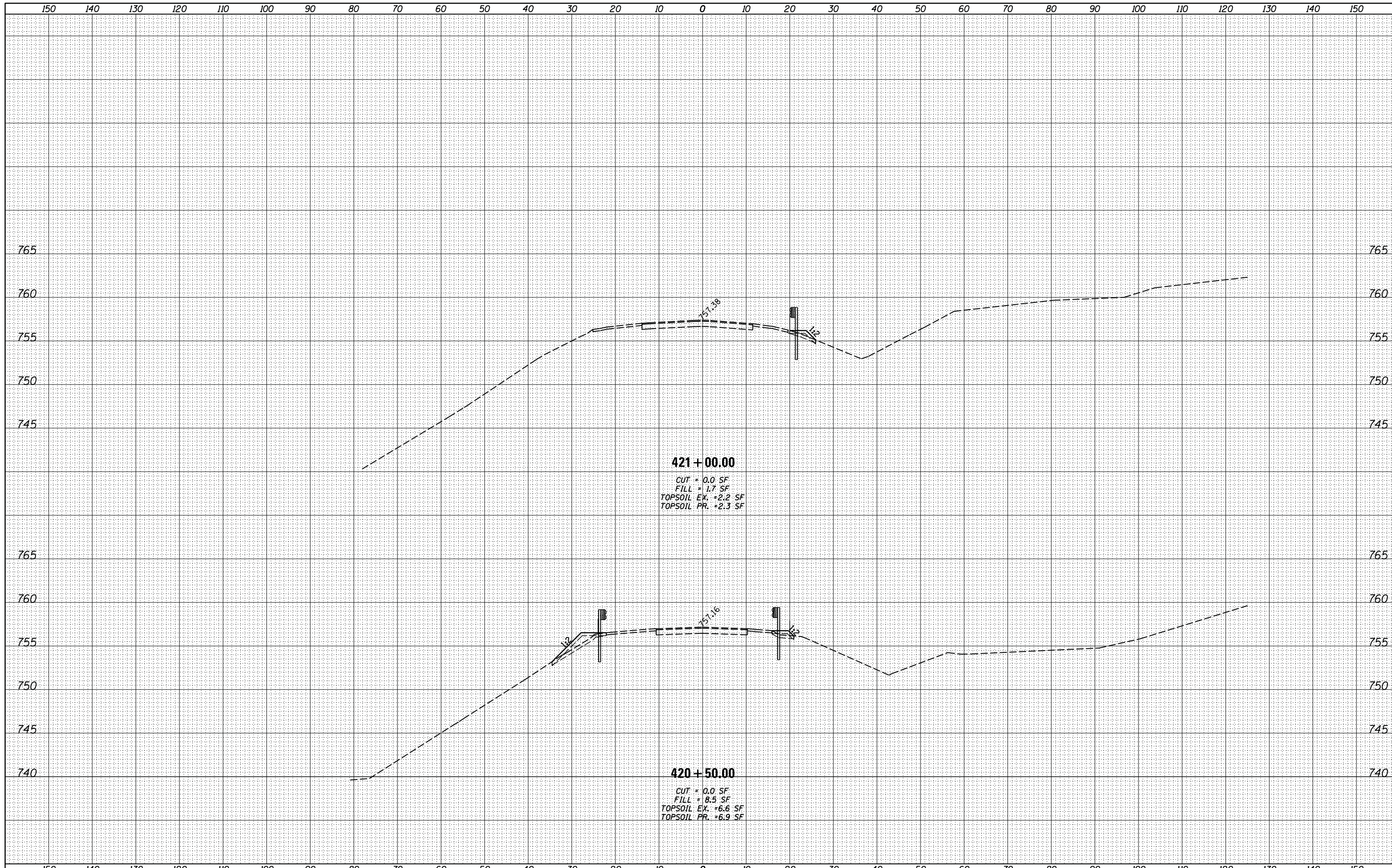


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FILE NAME =	USER NAME = *USERS*	DESIGNED - JCP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-74 WESTBOUND CROSS SECTIONS</b>				F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN - TLM	REVISED -		74	48-[(25B)BR, BR-1J]	KNOX	131	109				
		CHECKED - GAO	REVISED -		CONTRACT NO. 68B85								
*MODELNAME*	PLOT DATE = 7/30/2014	DATE - 02/22/2013	REVISED -		SCALE: N/A	SHEET 15	OF 17 SHEETS	STA. 419+50.00	TO STA. 420+00.00	ILLINOIS FED. AID PROJECT			



DATE	BY
NO.	AREAS CHECKED
NOTE BOOK	PLATTED
SURVEY	TEMPLT
FINAL	DATE

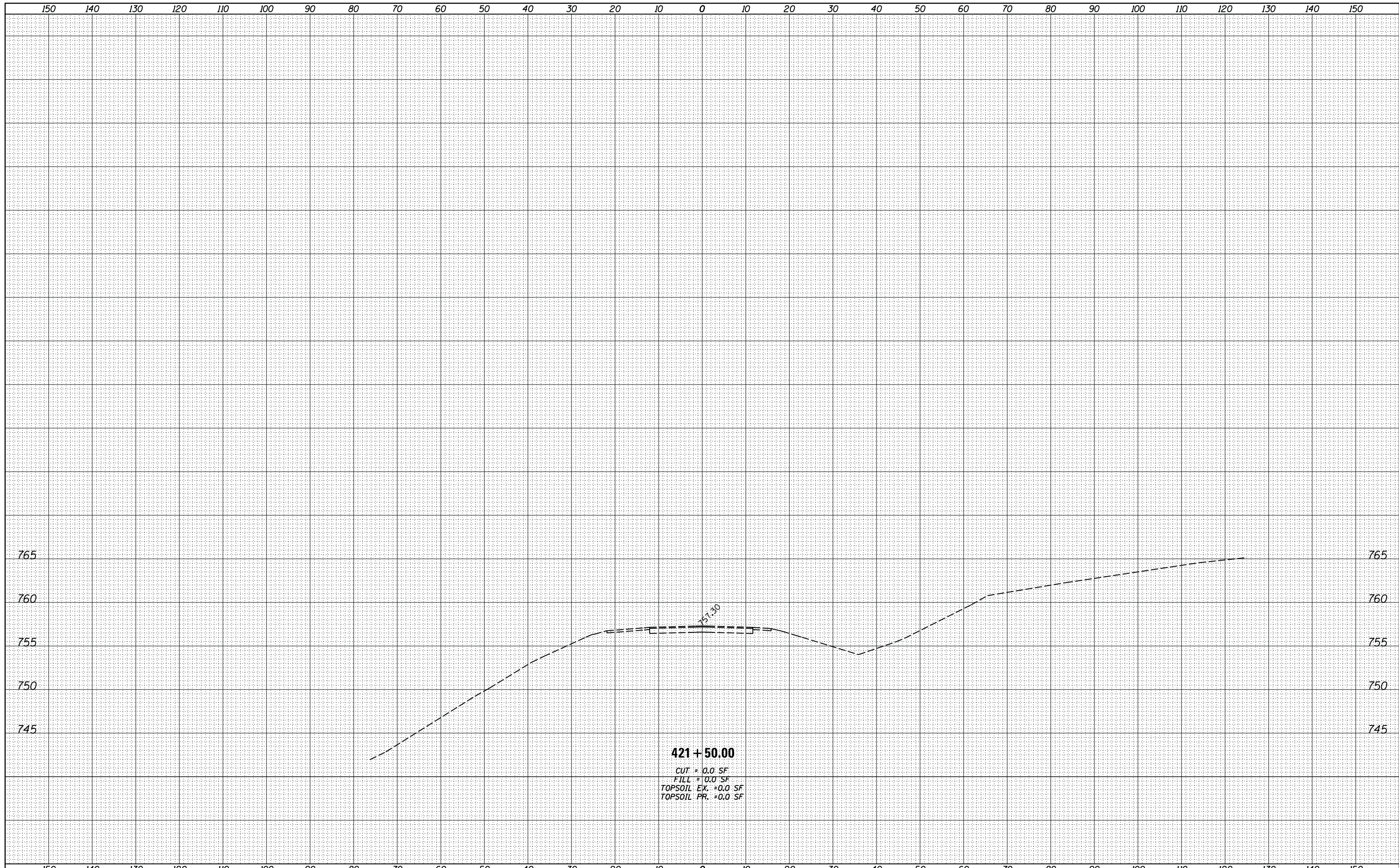
DATE	BY
NO.	AREAS CHECKED
NOTE BOOK	PLATTED
SURVEY	TEMPLT
ORIGINAL	DATE

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*FILEL*	DRAWN - TLM	REVISD -	74			48-[(25B)BR, BR-1J	KNOX	131	110	
*MODELNAME*	PLLOT SCALE : *SCALE*	CHECKED - GAO	REVISD -			CONTRACT NO. 68B85				
	PLLOT DATE: 7/30/2014	DATE - 02/22/2013	REVISD -	ILLINOIS FED. AID PROJECT						



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME =  
 \*FILEL\*  
 \*MODELNAME\*

USER NAME = \*USERS\*  
 DESIGNED - JCP  
 DRAWN - TLM  
 CHECKED - GAO  
 DATE - 02/22/2013

REVISSED -  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-74 WESTBOUND CROSS SECTIONS**  
 SCALE: N/A SHEET 17 OF 17 SHEETS STA. 421+50.00 TO STA. 421+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-[(25B)BR, BR-1J]	KNOX	131	111
CONTRACT NO. 68B85			ILLINOIS FED. AID PROJECT	



008070

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
 DIVISION OF HIGHWAYS  
 PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY

INDEX TO PLAN  
 SHEETS ON SHEET 2

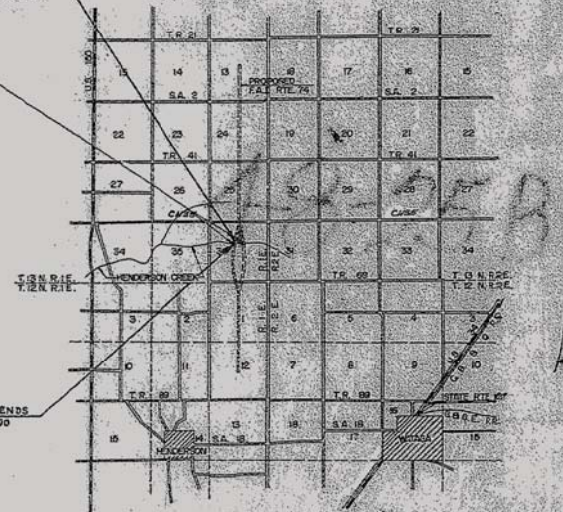
SCALES  
 PLAN ..... 1" = 100'  
 PROFILE ..... 1" = 20'  
 CROSS SECTIONS ..... 1" = 20'

PROPOSED IMPROVEMENT INCLUDES:  
 DUAL 3 SPAN CONTINUOUS R.C. SLAB BRIDGES CARRYING  
 F.A.I. ROUTE 74 OVER HENDERSON CREEK ON CONCRETE PILE  
 BENT PIERS AND CONCRETE PILE BENT ABUTMENTS. SPANS 1 AT 35'-9",  
 1 AT 43'-10" AND 1 AT 35'-9" (LT. LANE). SPANS 1 AT 35'-9", 1 AT 43'-8"  
 AND 1 AT 35'-9" (RT. LANE) AND CONSTRUCTION OF EARTH EMBANKMENT  
 CONES AND CHANNEL CHANGE.

F. A. I. ROUTE 74  
 SECTION 48-25 B  
 PROJECT 1-74-2(44)38  
 KNOX COUNTY  
 C-94-031-64

PROJECT 1-74-2(44)38 BEGINS  
 STA. 415+43.50

PROJECT 1-74-2(44)38 ENDS  
 STA. 416+69.00

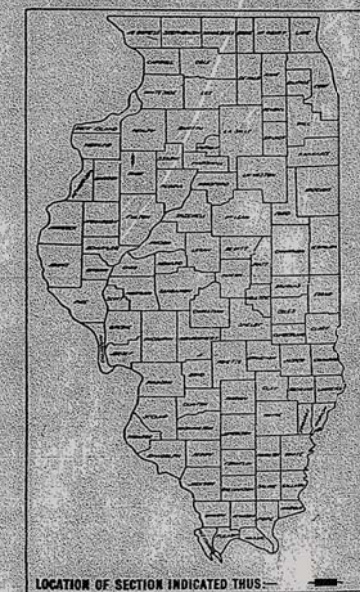


PROJECT LOCATION MAP

NET LENGTH OF IMPROVEMENT  
 (A.S.) LT. LANE : 115 LIN. FT. = 0.022 MILES  
 (S.B.) RT. LANE : 121.50 LIN. FT. = 0.023 MILES  
 NET LENGTH OF PROJECT = 121.50 LIN. FT. = 0.023 MILES (S.B. LANE)

F.A.I. RTE.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-25B	KNOX	22	1

F-94-001-00 (095)



LOCATION OF SECTION INDICATED THUS

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
 DIVISION OF HIGHWAYS  
 SUBMITTED Jan 5, 1965  
 DISTRICT ENGINEER  
 EXAMINED Feb 19, 1965  
 ENGINEER OF ROAD PLANS & CONTRACTS  
 PASSED February 19, 1965  
 APPROVED February 19, 1965  
 CHIEF TRADING ENGINEER  
 APPROVED February 19, 1965  
 DIRECTOR

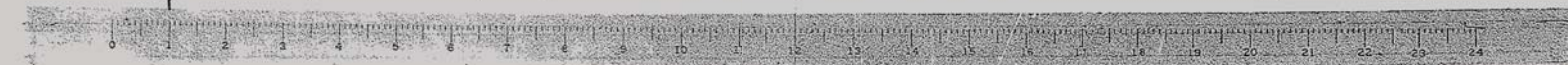
RECEIVED  
 SEP 12 1962  
 FEDERAL BUREAU OF INVESTIGATION

PLANS PREPARED BY  
 MISSMAN, STANLEY, FARMER & ASSOCIATES  
 CIVIL ENGINEERS  
 ROCK ISLAND, ILLINOIS

DEPARTMENT OF COMMERCE  
 BUREAU OF PUBLIC ROADS  
 APPROVED \_\_\_\_\_  
 DIVISION ENGINEER DATE \_\_\_\_\_

CONTRACT NO. 24043

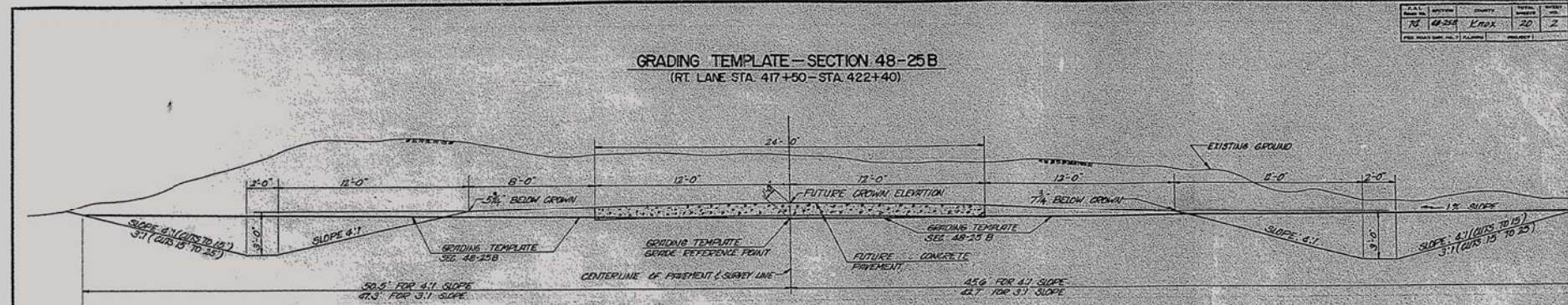
KNOX COUNTY SECTION 48-25B F.A.I. ROUTE 74



FOR INFORMATION ONLY

FILE NAME = ... \D4-174-HendersonCreek-EB-shAPP1-04.dgn	DESIGNED - TLM	REVISED -	 800 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1259 TEL 312 454 9100 FAX 312 555 1217 WEB www.cptrng.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS				F.A.I. RTE. 74	SECTION 48-(25B)BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 112		
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PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -			ILLINOIS FED. AID PROJECT										
	DATE - 10/22/2013	REVISED -													





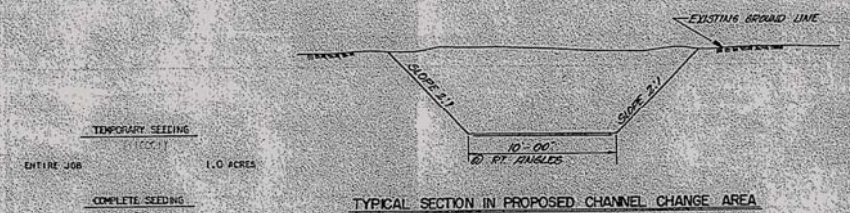
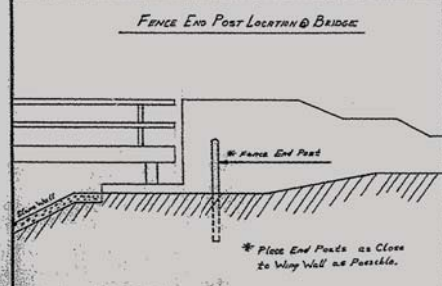
DATE	BY	CHECKED	DATE	BY
10/22/13	TLM	GAO	10/22/13	TLM

**INDEX**

TITLE SHEET	1
INDEX, SUMMARY OF QUANTITIES, TYPICAL SECTIONS AND SIGNATURE BLOCK	2
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GENERAL PLAN AND ELEVATION	5
BRIDGING DATA	6
TOP OF SLAB ELEVATIONS	7
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STANDARD: MAKE PLATES (2113-1)	20A
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STANDARD: SIGN AND STOP SIGN (2114)	20-C

**SUMMARY OF QUANTITIES** CONST. TYPE CODE X-020

QUANTITY	UNIT	ITEM	CODE NO.
5.1	ACRES	TREE REMOVAL, ACRES	010005
27,081	CU. YDS.	EARTH EXCAVATION	011001
1,608	CU. YDS.	CHANNEL EXCAVATION	012001
250	CU. YDS.	CLASS 70" EXCAVATION FOR STRUCTURES	050002
808.6	CU. YDS.	CLASS X CONCRETE	052003
12,300	SG. YDS.	PROTECTIVE COAT	052001
22,320	LES.	FURNISHING AND ERECTING STRUCTURAL STEEL	051002
176,820	LES.	REINFORCEMENT BARS	053001
360	LIN. FT.	FURNISHING CROSS-TIED PILES UP TO 20 FEET	060004
360	LIN. FT.	DRIVING TIMBER PILE	060008
1,180	LIN. FT.	FURNISHING PRECAST CONCRETE PILES (18")	060011
1,180	LIN. FT.	DRIVING PRECAST CONCRETE PILES	060013
1,470	LIN. FT.	DRIVING CONCRETE PILES	060003
1,470	LIN. FT.	FURNISHING CONCRETE PILES	060004
2	EACH	TEST PILES CONCRETE	060007
2	EACH	MAKE PLATES	061001
4,820	SG. YDS.	SLOPE WALL 6"	083003
1.0	ACRES	TEMPORARY SEEDING	110001
1.0	ACRES	COMPLETE SEEDING	110004
0.2	TONS	FERTILIZER NUTRIENTS	110005
4	TONS	STRAW FOR ASPHALT-COATED MULCH	111002
100	GALLONS	EMULSIFIED ASPHALT	111003
408	LIN. FT.	ALUMINUM MANDRILL	210004
3,600	LIN. FT.	WOVEN WIRE FENCE	201028
1	LUMP SUM	BRIDGE SEAT SEALANT	201029



**HIGHWAY CLASSIFICATION**

SECTION	T	F.A.1, RTE 70	1985
MAXIMUM GRADE		TO MPH	1.06
LENGTH OF MAXIMUM GRADE			2300 FEET
MINIMUM SIGHT DISTANCE (STC/PTSD)			UNLIMITED
MINIMUM HORIZONTAL RADIUS			12,277.66 FT.

**NOTE:** Whenever in these plans reference is made to the "STANDARD SPECIFICATIONS" it is understood to mean the "SUPPLEMENTAL SPECIFICATIONS" effective March 2, 1964.

WHERE SECTION OR SUB-SECTION NUMBERS ARE INDICATED, THE CONTRACTOR SHALL BE ADVISED BEFORE SUCH NUMBERS ARE FORWARDED. THE CONTRACTOR SHALL INDICATE AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS ON THE JOB, AS AUTHORIZED. CONTRACTOR OR AGENT HAS AUTHORITY TO OBTAIN NECESSARY THIRD PARTY INFORMATION.

**APPROVED:** DATE 10/22/13 BY M.A. Subare DISTRICT DESIGN ENGINEER

**EXAMINED:** DATE 10/22/13 BY [Signature] DISTRICT CONSTRUCTION ENGINEER

**EXAMINED:** DATE 10/23/13 BY [Signature] DISTRICT PERFORMANCE ENGINEER

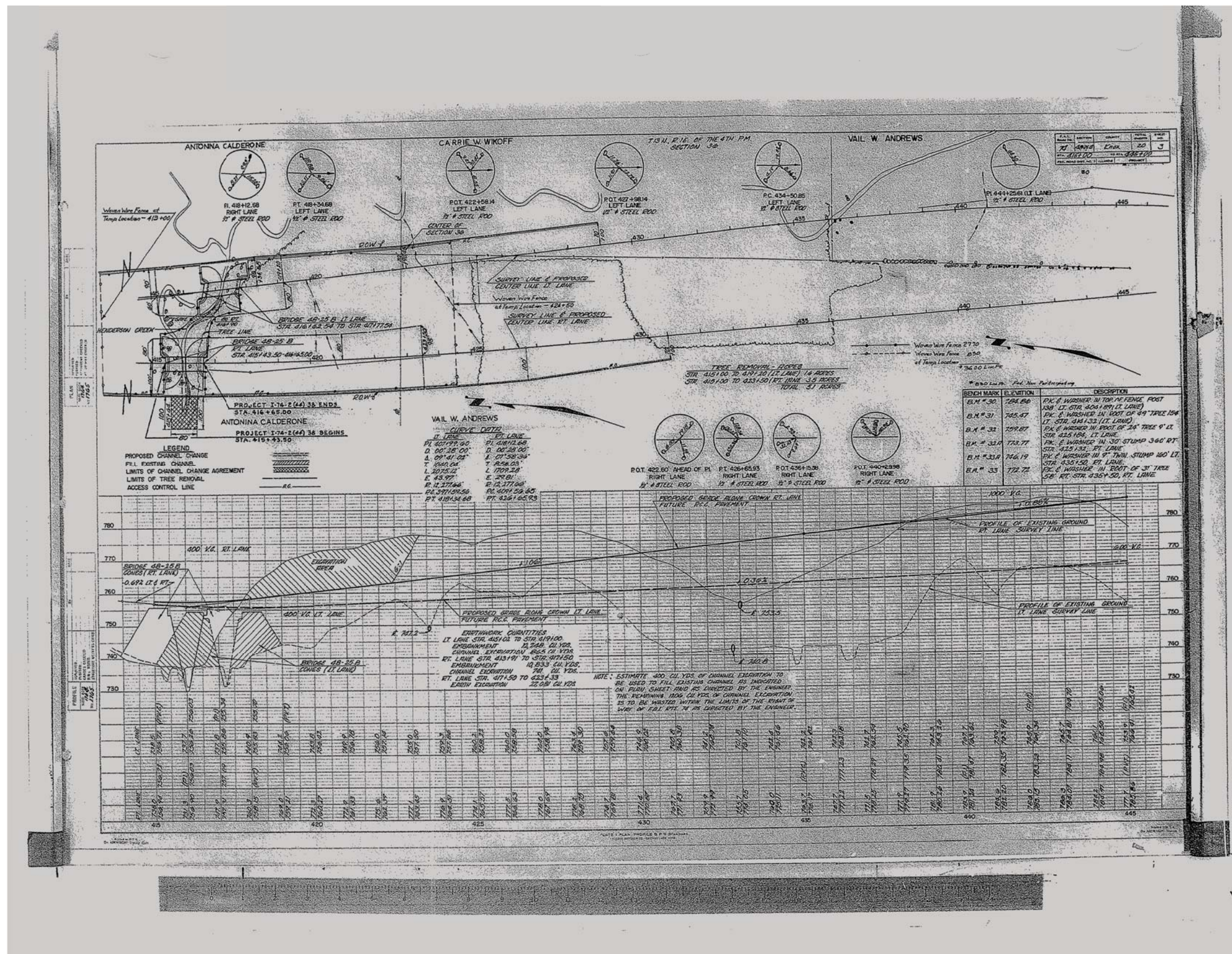
**EXAMINED:** DATE 10/23/13 BY [Signature] DISTRICT TRAFFIC ENGINEER

ENTIRE SECTION INSPECTED BY AND APPROVED AS TO POLICY DATE 10/23/13 BY [Signature] DISTRICT ENGINEER

\* 830 Lin. Ft. Federal Non-Participation

FOR INFORMATION ONLY

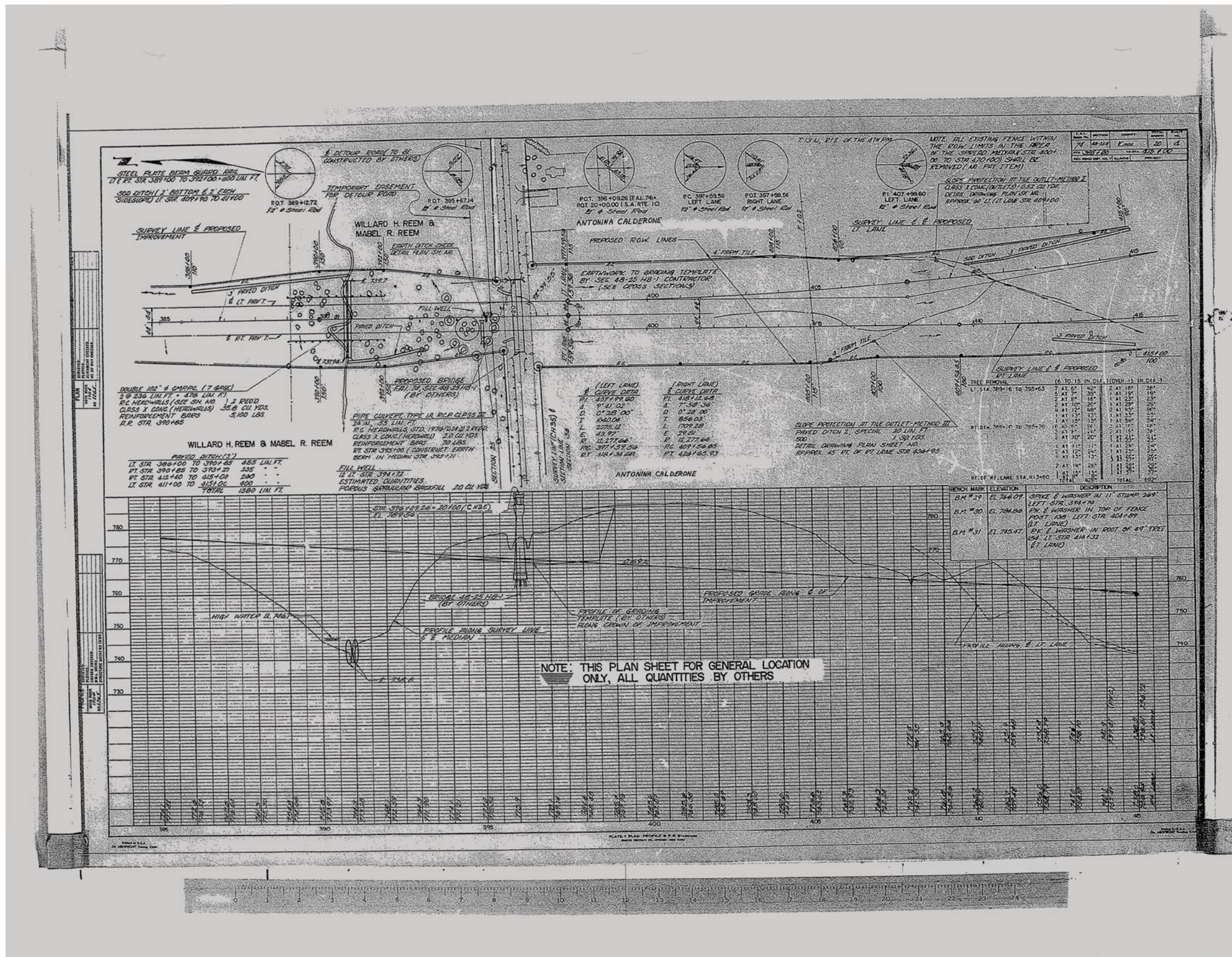




FOR INFORMATION ONLY

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PLOT DATE = 7/30/2014	DATE - 10/22/2013	REVISED -				ILLINOIS FED. AID PROJECT								

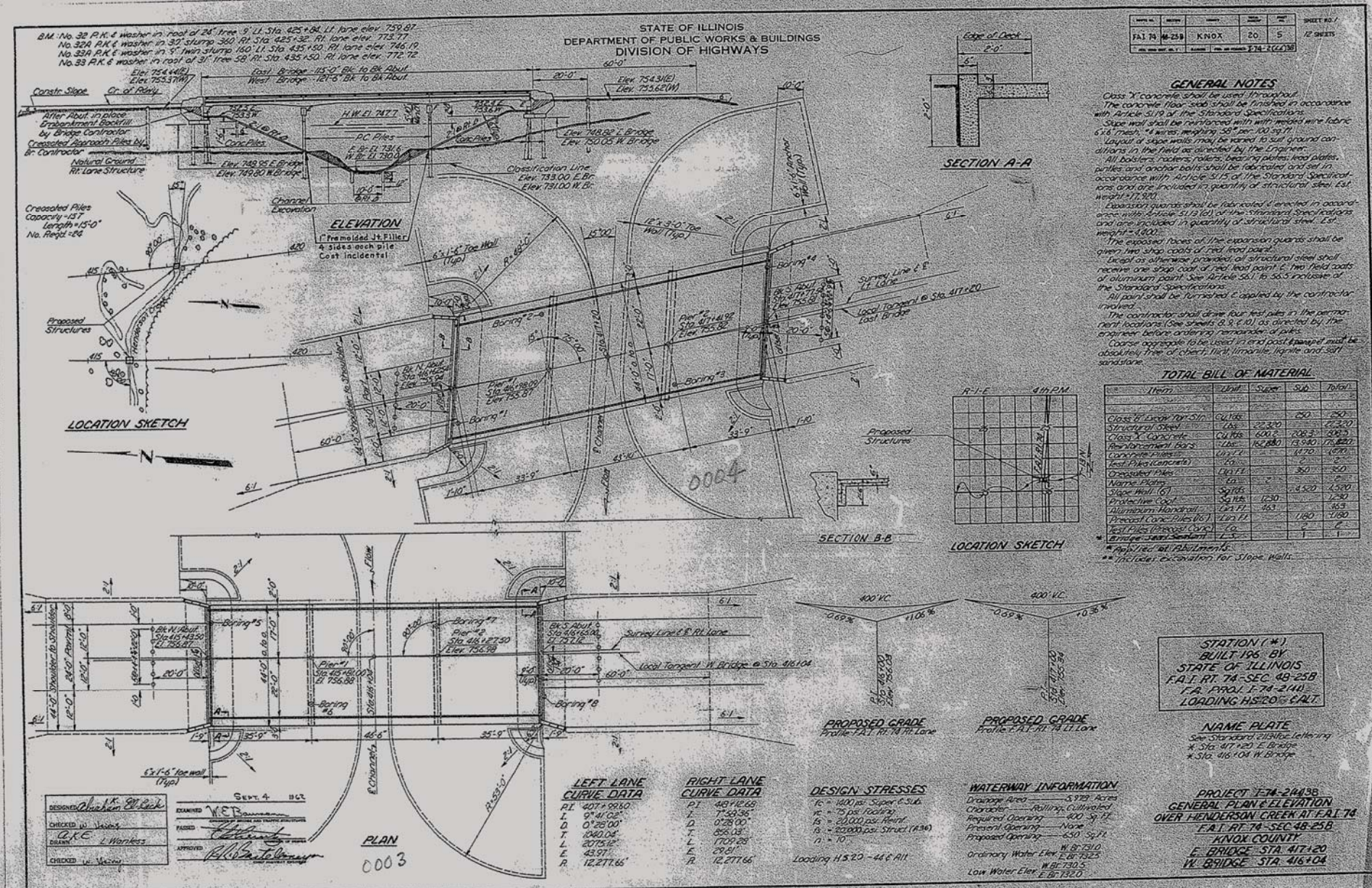




FOR INFORMATION ONLY

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PLOT DATE = 7/30/2014	DATE - 10/22/2013	REVISED -									





DATE	BY	CHKD	APPD	SHEET NO.
F.A.I. RT. 74-25B	KNOX	20	5	12 OF 23

**GENERAL NOTES**  
 Class "X" concrete shall be used throughout.  
 The concrete floor slab shall be finished in accordance with Article 519 of the Standard Specifications.  
 Slope walls shall be reinforced with with welded wire fabric 6x6 mesh, #4 wires weighing 38 lbs per 100 sq ft.  
 Layout of slope walls may be varied to suit ground conditions in the field as directed by the Engineer.  
 All bolsters, rollers, rollers, bearing plates, lead plates, piles and anchor bolts shall be fabricated and set in accordance with Article 515 of the Standard Specifications and are included in quantity of structural steel. Est weight = 17,920.  
 Expansion guards shall be fabricated & installed in accordance with Article 514 (b) of the Standard Specifications and are included in quantity of structural steel. Est weight = 1,000.  
 The exposed faces of the expansion guards shall be given two shop coats of red lead paint & two field coats of aluminum paint. See Article 561 to 563 inclusive of the Standard Specifications.  
 All paint shall be furnished & applied by the contractor involved.  
 The contractor shall drive four test piles in the pertinent locations (see sheets B & C) as directed by the engineer before ordering remainder of pile.  
 Coarse aggregate to be used in end post & ramped must be absolutely free of chert, flint, limonite, lignite and soft sandstone.

**TOTAL BILL OF MATERIAL**

Item	Unit	Super	Sub	Total
Class "X" Concrete	Cu Yds	20,320	290	20,610
Structural Steel	Lbs	600	128,270	128,870
Class "X" Concrete Reinforcement Bars	Lbs	12,880	1,170	14,050
Concrete	Cu Yds	2	2	4
Test Piles (Concrete)	cu	2	2	4
Expansion Piles	cu ft	360	360	720
Name Plates	sq ft	1,520	1,520	3,040
Slope Wall (G)	sq ft	1,230	1,230	2,460
Protective Coat	sq ft	463	463	926
Aluminum Handrail	sq ft	1,160	1,160	2,320
Precast Concrete Piles	cu	2	2	4
Test Piles (Steel)	cu	1	1	2
Bridge Sill Sealant	lb	1	1	2

**STATION (#) BUILT 196 BY STATE OF ILLINOIS F.A.I. RT. 74-SEC. 48-25B F.A. PROJ. F.74-2141E LOADING HISCOX CANT.**

**NAME PLATE**  
 See Standard Specifications Lettering  
 \* Sta. 417+00 E. Bridge  
 \* Sta. 416+04 W. Bridge

**PROJECT F.74-24138 GENERAL PLAN & ELEVATION OVER HENDERSON CREEK AT F.A.I. RT. 74-SEC. 48-25B KNOX COUNTY E. BRIDGE STA. 417+00 W. BRIDGE STA. 416+04**

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PLOT TIME = 4:35:27 PM	DRAWN - TLM	REVISED -
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -
	DATE - 10/22/2013	REVISED -

**SEPSTEIN**  
 800 WEST PULTON STREET  
 CHICAGO, ILLINOIS 60661-1299  
 TEL. 312.454.9100  
 FAX 312.552.1217  
 WWW.WWW.SEPSTEIN.COM

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**EXISTING PLANS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-(25B)BR, BR-1J	KNOX	131	116
CONTRACT NO. 68B85				

FOR INFORMATION ONLY



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

PROJECT NO. 74-45-258 KNOX 20 6 1/2 SHEETS  
SHEET NO. 2

Boring No.	Station	Ground Surface	Soil Description	Depth (ft)	W (%)	U (%)	Notes			
1	417+20	77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30		Notes: Water Content Comparable to Boring 1			
		77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37					
		78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0						
		78.6	Hard Light Grey CLAY	23.0-31.0	13					
		78.6	Hard Light Grey Shaley CLAY	31.0-50.0						
		78.6	Hard Grey Shaley CLAY	50.0-100.0						
		78.6	End of Boring	100.0						
		2	417+20	77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0		30		Notes: Water Content Comparable to Boring 1
				77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7		37		
				78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0				
78.6	Hard Light Grey CLAY			23.0-31.0	13					
78.6	Hard Light Grey Shaley CLAY			31.0-50.0						
78.6	Hard Grey Shaley CLAY			50.0-100.0						
78.6	End of Boring			100.0						
3	417+20			77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30		Notes: Water Content Comparable to Boring 1	
				77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37			
				78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0				
		78.6	Hard Light Grey CLAY	23.0-31.0	13					
		78.6	Hard Light Grey Shaley CLAY	31.0-50.0						
		78.6	Hard Grey Shaley CLAY	50.0-100.0						
		78.6	End of Boring	100.0						
		4	417+20	77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30			Notes: Water Content Comparable to Boring 1
				77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37			
				78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0				
78.6	Hard Light Grey CLAY			23.0-31.0	13					
78.6	Hard Light Grey Shaley CLAY			31.0-50.0						
78.6	Hard Grey Shaley CLAY			50.0-100.0						
78.6	End of Boring			100.0						
5	417+20			77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30		Notes: Water Content Comparable to Boring 1	
				77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37			
				78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0				
		78.6	Hard Light Grey CLAY	23.0-31.0	13					
		78.6	Hard Light Grey Shaley CLAY	31.0-50.0						
		78.6	Hard Grey Shaley CLAY	50.0-100.0						
		78.6	End of Boring	100.0						
		6	417+20	77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30			Notes: Water Content Comparable to Boring 1
				77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37			
				78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0				
78.6	Hard Light Grey CLAY			23.0-31.0	13					
78.6	Hard Light Grey Shaley CLAY			31.0-50.0						
78.6	Hard Grey Shaley CLAY			50.0-100.0						
78.6	End of Boring			100.0						

NOTES:  
 N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Case Sampler (CS) with 1/4" Number Facing 30"  
 U - Unconfined Compressive Strength - 1/2"  
 W - Water Content - percentage of oven dry weight-%  
 Type Failure:  
 S - Shear Failure  
 C - Compression Failure  
 E - Estimated Value

DESIGNED: *Archan B. Bish*  
 CHECKED: *GAO*  
 DATE: 10/22/2013

Boring No.	Station	Ground Surface	Soil Description	Depth (ft)	W (%)	U (%)
1	417+20	77.0	Medium Dark Brown Silty CLAY LOAM	0-7.0	30	
1	417+20	77.6	Soft Dark Grey Silty CLAY LOAM	7.0-14.7	37	
1	417+20	78.4	Medium Dark Grey Sandy CLAY LOAM	14.7-23.0		
1	417+20	78.6	Hard Light Grey CLAY	23.0-31.0	13	
1	417+20	78.6	Hard Light Grey Shaley CLAY	31.0-50.0		
1	417+20	78.6	Hard Grey Shaley CLAY	50.0-100.0		
1	417+20	78.6	End of Boring	100.0		

BORING DATA  
 EAST & WEST STRUCTURE  
 EAST RT. 74 SEC 48-25B  
 KNOX COUNTY  
 STA. EAST BRIDGE 417+20  
 WEST BRIDGE 416+04

FOR INFORMATION ONLY



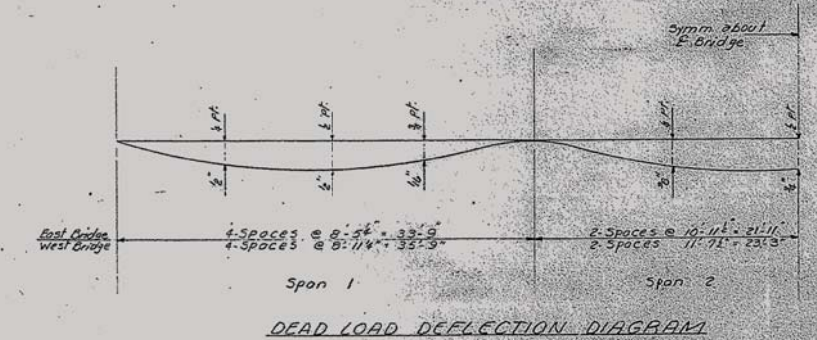
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

PROJECT NO. 7  
F.A.I. RT. 74 SEC. 48-25B KNOX CO. 7  
SHEET NO. 7  
1/2 SHEETS

EAST BRIDGE

WEST BRIDGE

* Along local 10th @ Sta. 417+20				* Along local 10th @ Sta. 416+04			
Station	Offset	Theoretical Grade Elevations	Grade Elevations Adjusted For Deflection	Station	Offset	Theoretical Grade Elevations	Grade Elevations Adjusted For Deflection
41647.80	16.82	755.732	755.732	41540.341	21.869	756.541	756.541
41648.200	1.196	755.963	755.963	41541.354	17.330	756.438	756.438
41648.40	22.100	755.536	755.536	41544.895	21.877	756.539	756.539
41649.40	16.813	755.737	755.737	41545.000	17.111	756.861	756.861
41649.50	1.126	755.961	755.961	41545.418	17.441	756.637	756.637
41649.60	22.100	755.539	755.539				
41649.70	16.890	755.700	755.742	41546.512	21.902	756.530	756.577
41649.80	1.086	755.916	755.916	41555.200	17.297	756.666	756.908
41649.90	22.066	755.548	755.610	41555.268	17.297	756.479	755.510
41649.95	16.936	755.678	755.796	41556.390	21.807	756.530	756.570
41650.00	1.011	755.896	755.950	41565.000	17.361	756.500	756.481
41650.10	22.036	755.563	755.579	41565.054	17.361	756.437	756.471
41650.15	16.962	755.653	755.680	41574.908	21.900	756.568	756.567
41650.20	1.006	755.875	755.879	41575.000	17.204	756.802	756.809
41650.30	22.013	755.531	755.530	41575.040	17.204	756.647	756.643
41650.40	16.971	755.648	755.648	41580.708	21.877	756.540	756.543
41650.50	1.019	755.868	755.868	41580.750	17.202	756.877	756.879
41650.60	22.030	755.530	755.530	41590.782	17.211	756.668	756.668
41650.70	16.988	755.631	755.639	41590.726	21.899	756.537	756.536
41650.80	1.000	755.853	755.851	41590.750	17.207	756.898	756.902
41650.90	22.001	755.511	755.540	41590.748	17.207	756.661	756.650
41651.00	16.998	755.616	755.619	41600.244	21.999	756.573	756.623
41651.10	1.000	755.829	755.892	41600.250	17.200	756.906	756.906
41651.20	22.000	755.500	755.533	41600.254	17.200	756.677	756.727
41651.30	16.999	755.604	755.643	41610.762	21.998	756.536	756.632
41651.40	1.002	755.829	755.869	41610.750	17.201	756.807	756.819
41651.50	22.007	755.452	755.459	41610.741	17.201	756.638	756.741
41651.60	16.992	755.534	755.607	41620.780	21.988	756.420	756.438
41651.70	1.013	755.821	755.832	41630.750	17.211	756.853	756.900
41651.80	22.013	755.436	755.439	41630.725	17.211	756.724	756.741



TOP OF SLAB ELEVATIONS  
EAST & WEST BRIDGE  
F.A.I. RT. 74 SEC. 48-25B  
KNOX COUNTY  
STA. EAST BRIDGE 417+20  
WEST BRIDGE 416+04

DESIGNED: *Abraham P. Beck*  
CHECKED: *W. H. Hays*  
DRAWN: *Abraham P. Beck*  
CHECKED: *W. H. Hays*

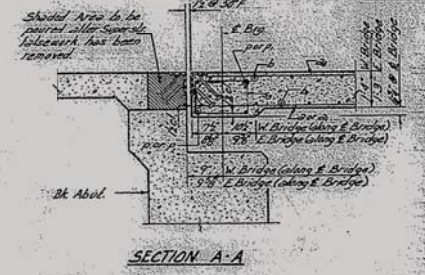
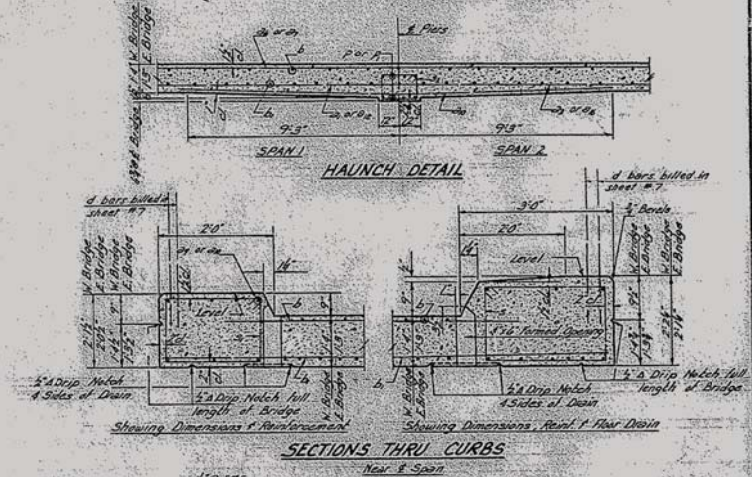
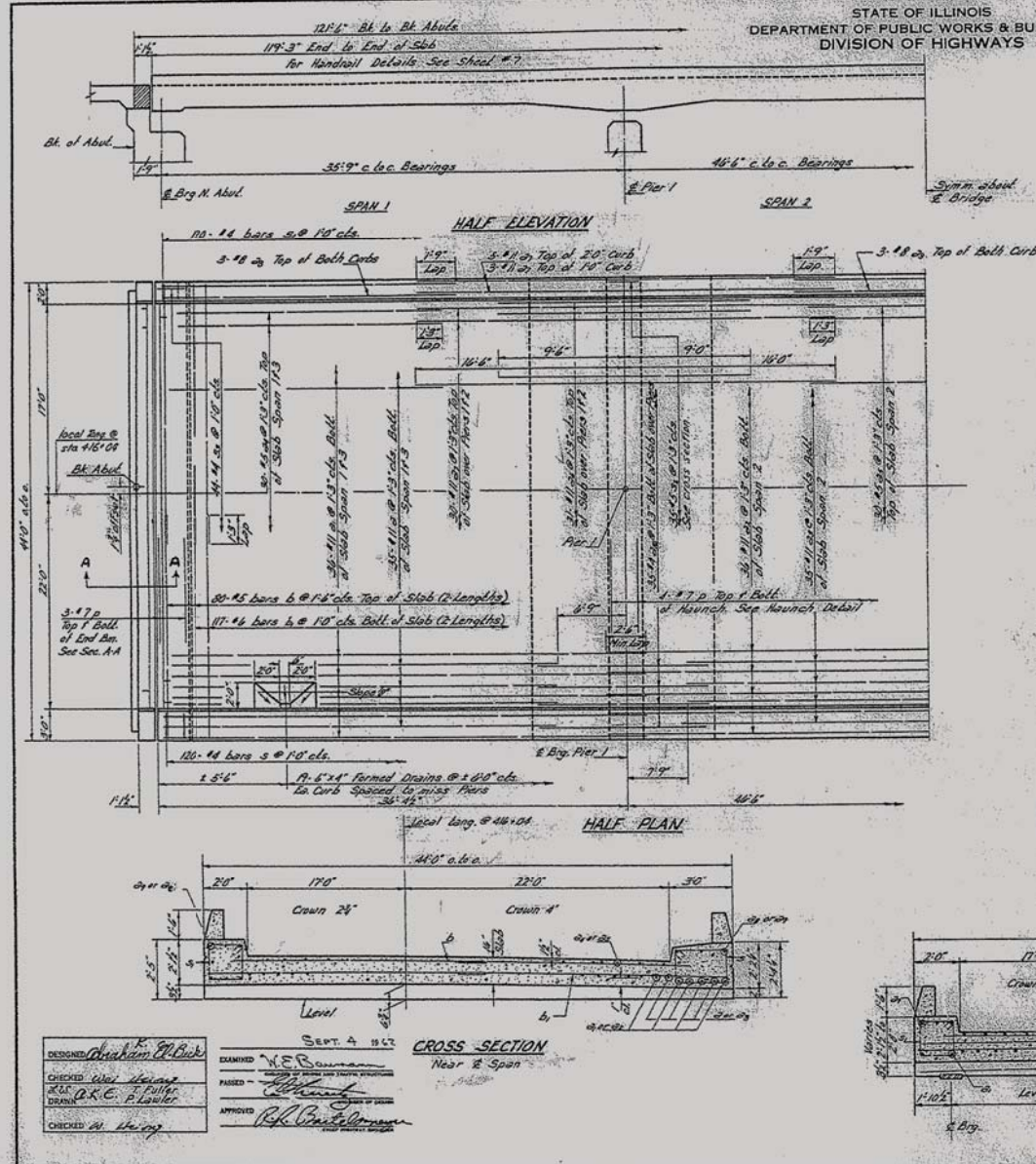
EXAMINED: *W.E.P.*  
DATE: *Sept. 4 1913*  
APPROVED: *Abraham P. Beck*

FOR INFORMATION ONLY



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

F.A.I. RT. 74	48-25B	KNOX	20	8
				SHEET NO. 4
				12 SHEETS



WEST BRIDGE  
BILL OF MATERIAL

Bar	No.	Size	Length	Shaper
a	10	#11	3'-0"	
b	72	#11	31'-6"	
c	34	#11	49'-0"	
d	35	#11	31'-0"	
e	60	#5	21'-0"	
f	30	#5	17'-0"	
g	62	#3	18'-6"	
h	72	#11	31'-6"	
i	12	#8	21'-0"	
j	6	#8	18'-0"	
k	20	#2	28'-6"	
l	140	#5	21'-6"	
m	234	#6	23'-0"	
n	120	#4	21'-0"	
o	72	#4	17'-0"	
p	20	#5	7'-0"	
q	20	#4	5'-0"	
r	20	#2	23'-0"	

Class I Concrete  
Reinforcement Bars

Class I Concrete  
Reinforcement Bars

Qty. 307.8  
Lbs. 84,380

Note: For Detail of a Bar See Sheet 5.  
For Detail of Exp. Guard See Sheet 6.

SUPERSTRUCTURE  
WEST BRIDGE  
F.A.I. RT. 74 SEC. 48-25B  
KNOX COUNTY  
STA. 416+04

FOR INFORMATION ONLY

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PLOT TIME = 4:37:46 PM	CHECKED - GAO	REVISED -
PLOT DATE = 7/30/2014	DATE - 10/22/2013	REVISED -

**SEPSTEIN**

800 WEST FULTON STREET  
CHICAGO, ILLINOIS 60611-1259

TEL 312 454 9100  
FAX 312 555 1217  
WEB www.sepstein.com

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

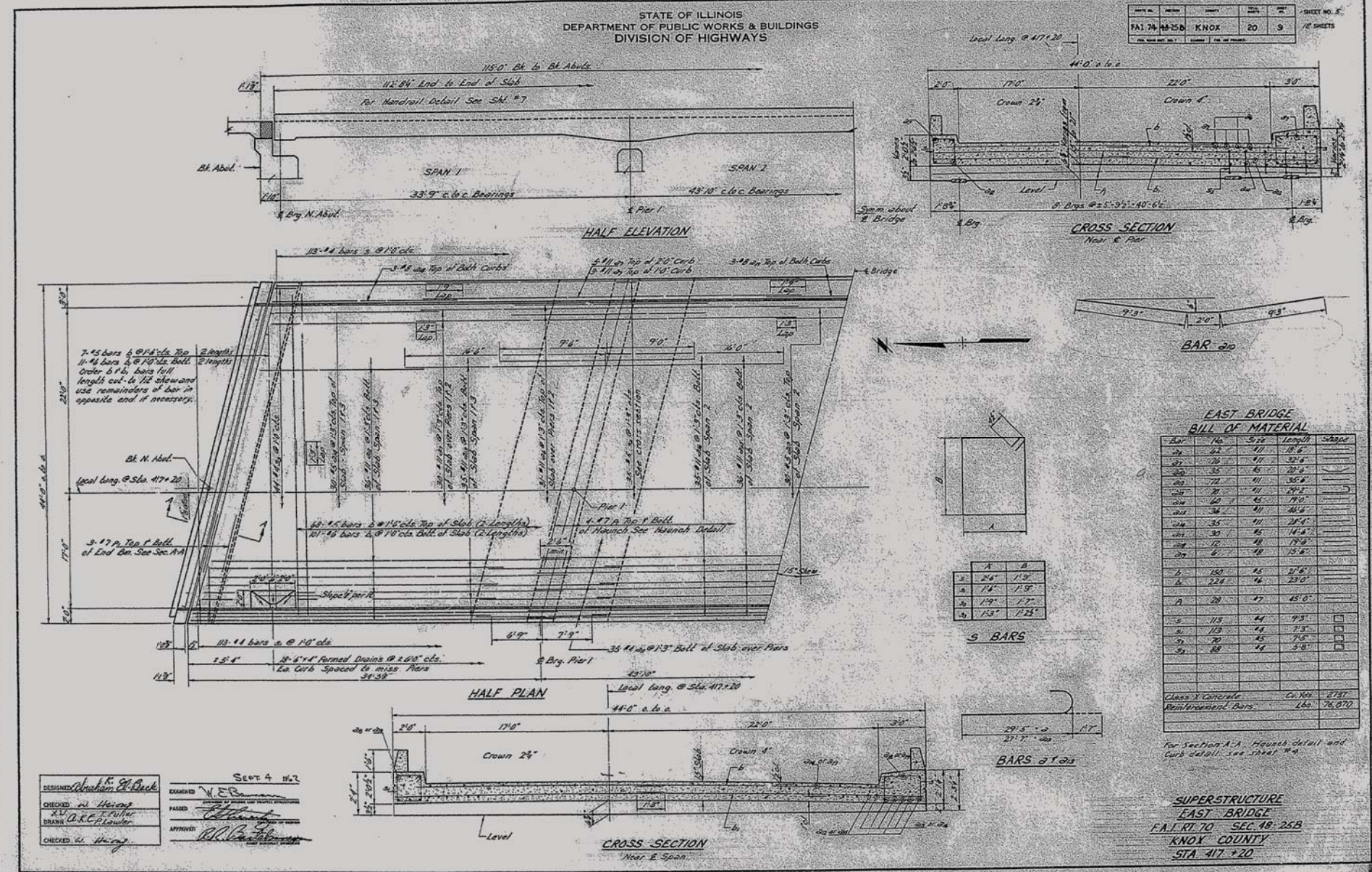
EXISTING PLANS				
SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.I. RT. 74	SECTION 48-[(25B)BR, BR-1]	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 119
			CONTRACT NO. 68B85	
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAJ 74-125B	KNOX	20	9	12 SHEETS



**EAST BRIDGE  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
1	22	#11	18.6'		
2	76	#11	32.6'		
3	35	#5	20.6'		
4	72	#11	36.6'		
5	20	#11	29.2'		
6	21	#5	19.0'		
7	34	#11	46.4'		
8	35	#11	28.4'		
9	30	#5	14.4'		
10	17	#8	19.4'		
11	6	#8	15.6'		
A	160	#5	27.6'		
B	224	#5	23.0'		
A	74	#19			
B	197	#17			
C	132	#23			
D	115	#4	9.5'		
E	113	#4	7.5'		
F	70	#5	7.5'		
G	88	#4	5.8'		
Class I Concrete				6,100	2787
Reinforcement Bars				160	76,070

For Section A-A, Haunch Detail and Curb Detail, see sheet 74-125B

DESIGNED: *Archie G. Beck*  
 DRAWN: *W.P.*  
 CHECKED: *W. Heine*  
 DRAWN: *D.K.C. Plaster*  
 DATE: 10/22/2013



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

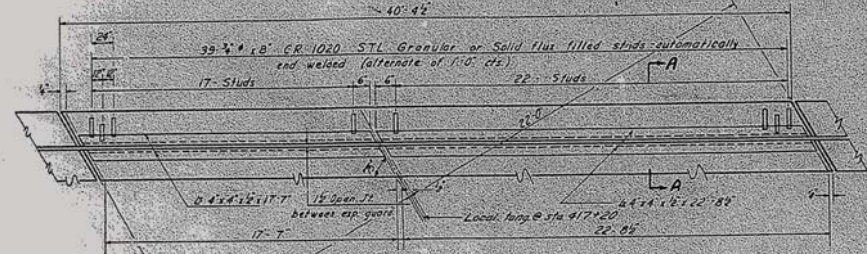
FOR INFORMATION ONLY

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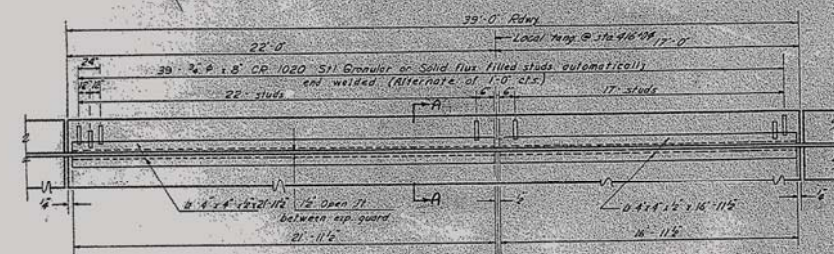
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DRAWN - TLM	REVISED -
CHECKED - GAO	REVISED -
DATE - 10/22/2013	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-(125B)BR, BR-1J	KNOX	131	120
CONTRACT NO. 68B85				
ILLINOIS FED. AID PROJECT				

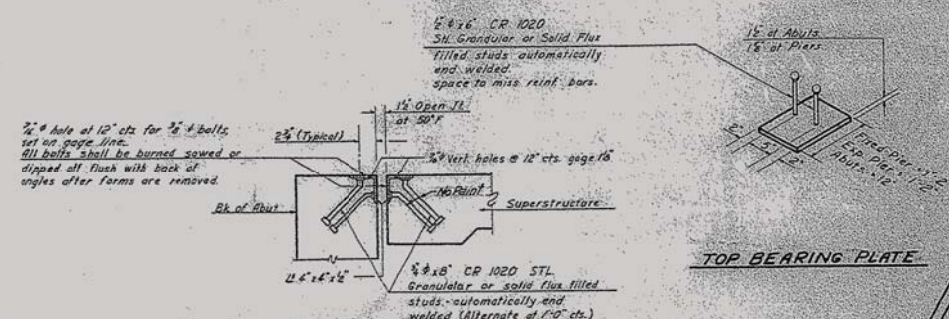




**PLAN OF EXPANSION GUARD  
EAST BRIDGE**  
Looking North

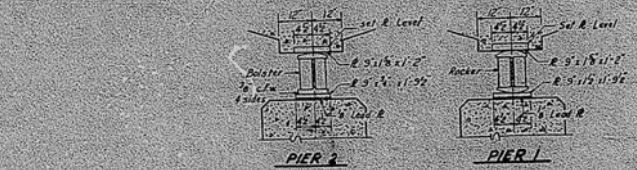


**PLAN OF EXPANSION GUARD  
WEST BRIDGE**  
Looking North



**EXPANSION DETAIL  
WELDED STUDS**  
SEC. A-A

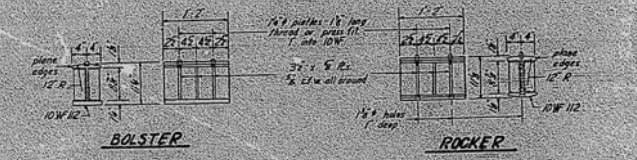
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DATE: 10/22/2013



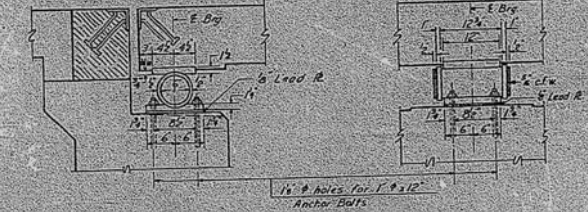
**PIER 2**      **PIER 1**



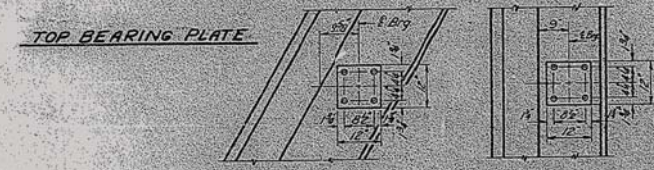
**PLAN-PLATES**      **PLAN-PLATES**



**BOLSTER**      **ROCKER**



**EXPANSION BEARING-ABUTMENT**



**TOP BEARING PLATE**

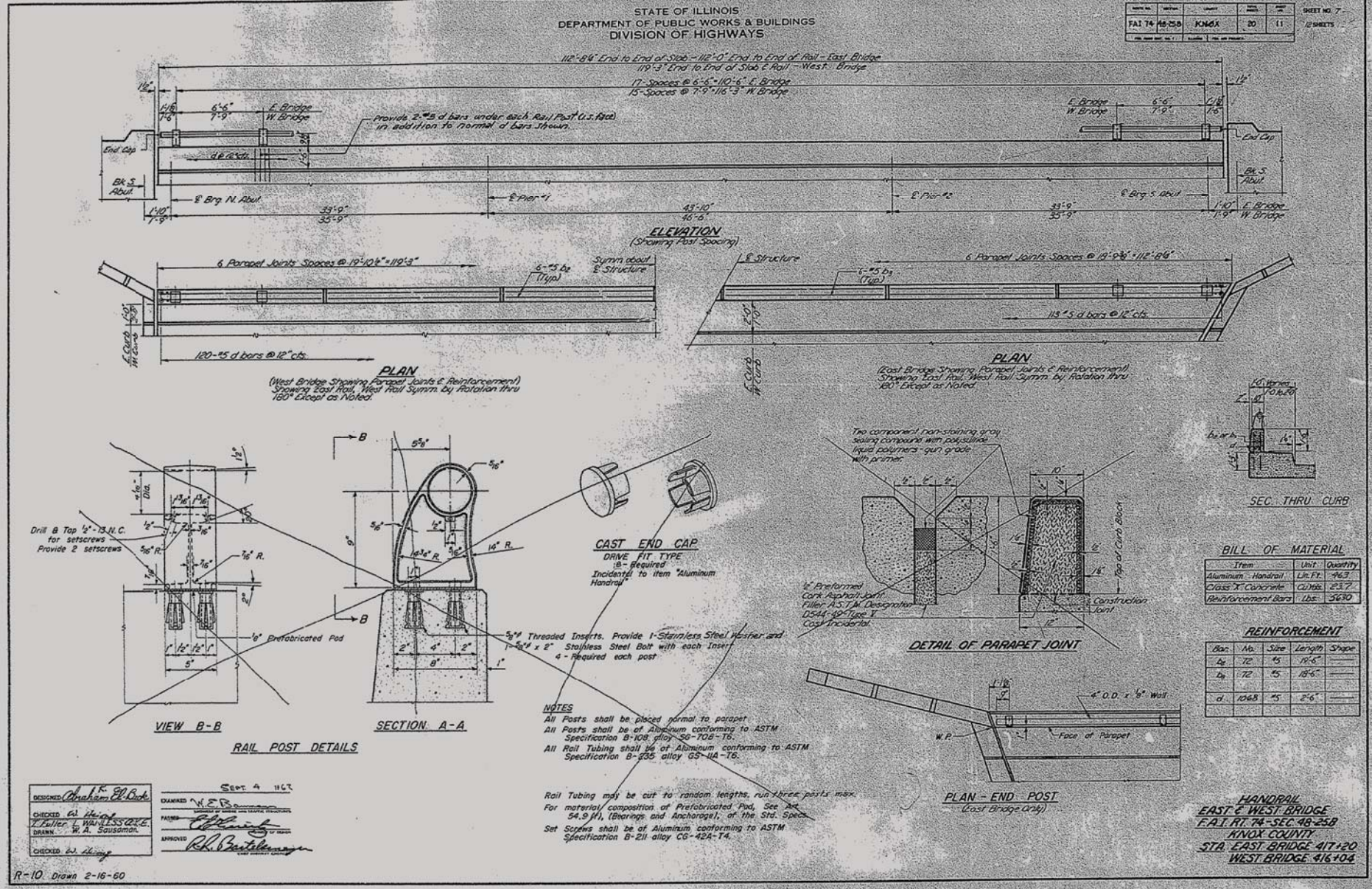
**PLAN OF BOTT. & ABUT. EAST BRIDGE**      **PLAN OF BOTT. & ABUT. WEST BRIDGE**

**BEARING DETAIL**  
EAST AND WEST BRIDGES  
FAI RT. 74 SEC. 48-25B  
KNOX COUNTY  
STA 417+20 (EAST BRIDGE)  
STA 416+04 (WEST BRIDGE)

FOR INFORMATION ONLY

FILE NAME = ... \D4-174-HendersonCreek-EB-shAPP10-D4.dgn	DESIGNED - TLM	REVISED -	 600 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1299 TEL. 312 454 9100 FAX 312 555 1217 WEB www.sepstein.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EXISTING PLANS			F.A.I. RTE. 74	SECTION 48-(25B)BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 121
PLOT TIME = 4:39:01 PM	DRAWN - TLM	REVISED -		SCALE: N.T.S.			SHEET NO.	OF SHEETS	STA.	TO STA.		CONTRACT NO. 68B85		
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -		DATE - 10/22/2013							ILLINOIS FED. AID PROJECT			



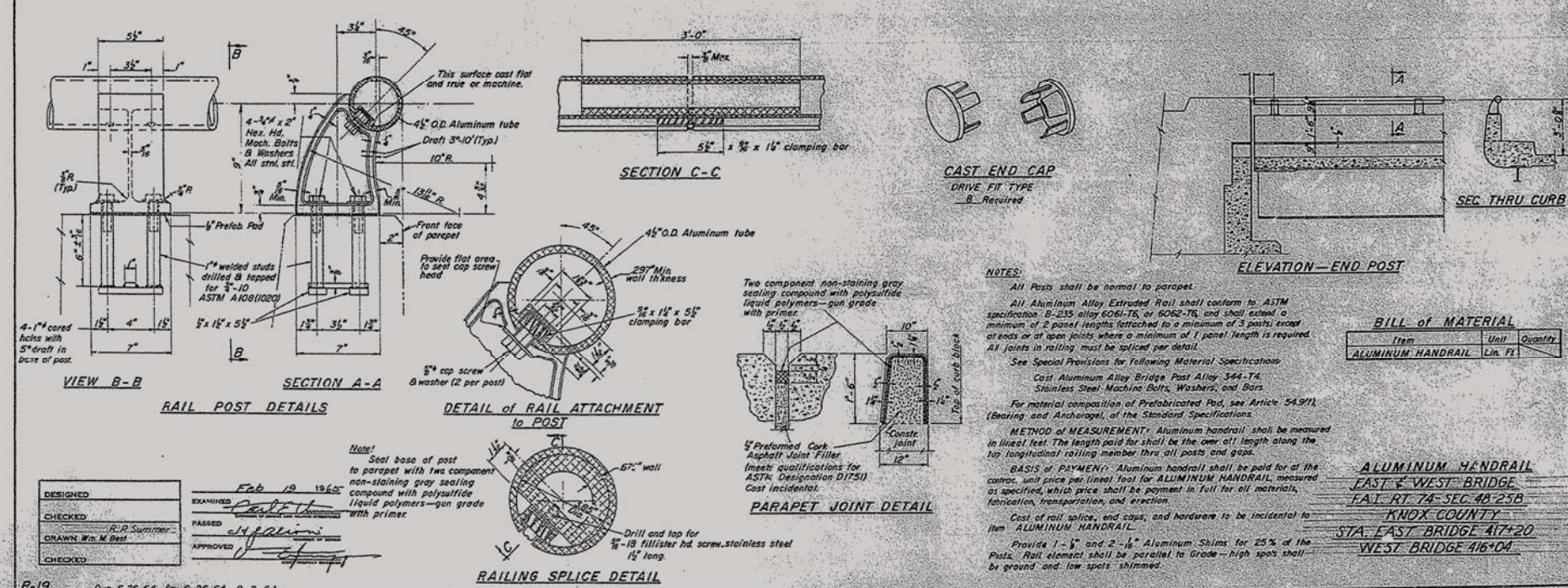


FOR INFORMATION ONLY

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PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -						ILLINOIS FED. AID PROJECT				



NOTE: For Post Spacing See sheet #7

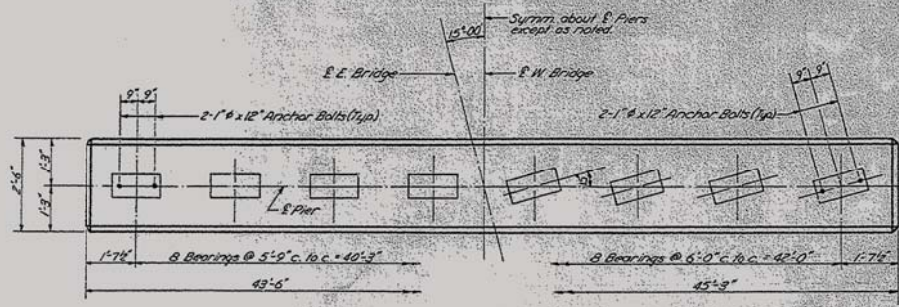


FOR INFORMATION ONLY

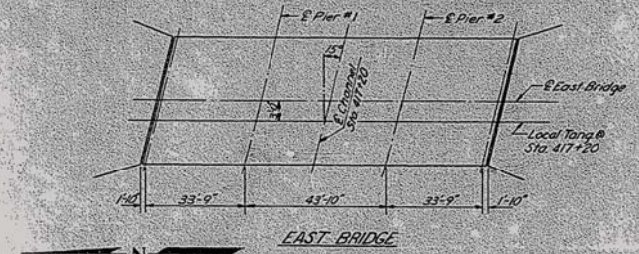


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

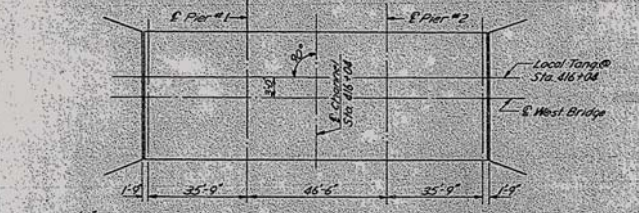
PROJECT NO.	SECTION	DATE	SHEET NO.
FAI 74-125B	KNOX	20	12
SHEET NO. 25			72 SHEETS



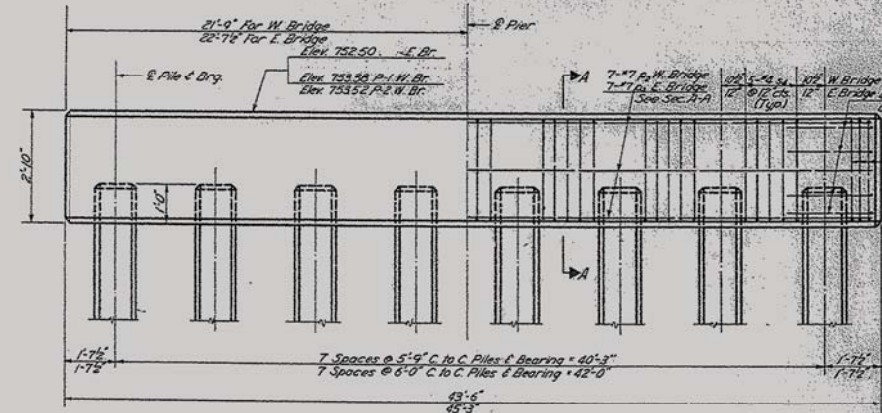
WEST BRIDGE PLAN  
EAST BRIDGE PLAN



EAST BRIDGE KEY PLAN

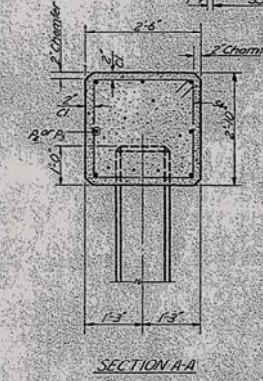


WEST BRIDGE KEY PLAN



Dimensions & Pile Spacing  
Reinforcement

ELEVATION



SECTION A-A

4 PIERS  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
D2	14	#7	43'-3"	
D4	14	#7	45'-0"	
S4	164	#4	10'-1"	U
U	32	#6	10'-1"	

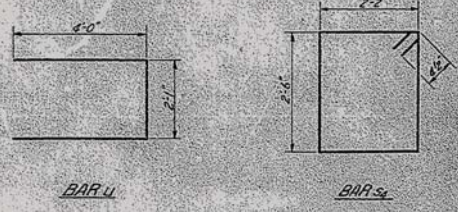
Class X Concrete Cu Yds. 44.5  
Reinforcement Bars Lbs. 4,112  
Precast Conc. Piles (6) Lin. Ft. 1,080  
Test Piles (Precast Conc.) Ea. 2

PIERS  
EAST & WEST BRIDGES  
FAI RT-74 SEC 48-25-B  
KNOX COUNTY  
STA. EAST BRIDGE 417+20  
WEST BRIDGE 416+04

DESIGNED	Checked
C.R.E.	T. F. F.
DRAWN	L. W. H.
CHECKED	W. H. P.

SEPT. 4 1952  
EXAMINED  
W. F. P.  
APPROVED  
R. B. S.

PILE DATA  
Type - Precast Concrete (16)  
Capacity - 45 Tons  
Est Length - 32 Ft. for Pier #1 W. Bridge & 42 for other piers  
No. Req'd - 32 including 2 Test Piles  
1 @ Pier #1 West Bridge &  
1 @ Pier #2 East Bridge



BAR U

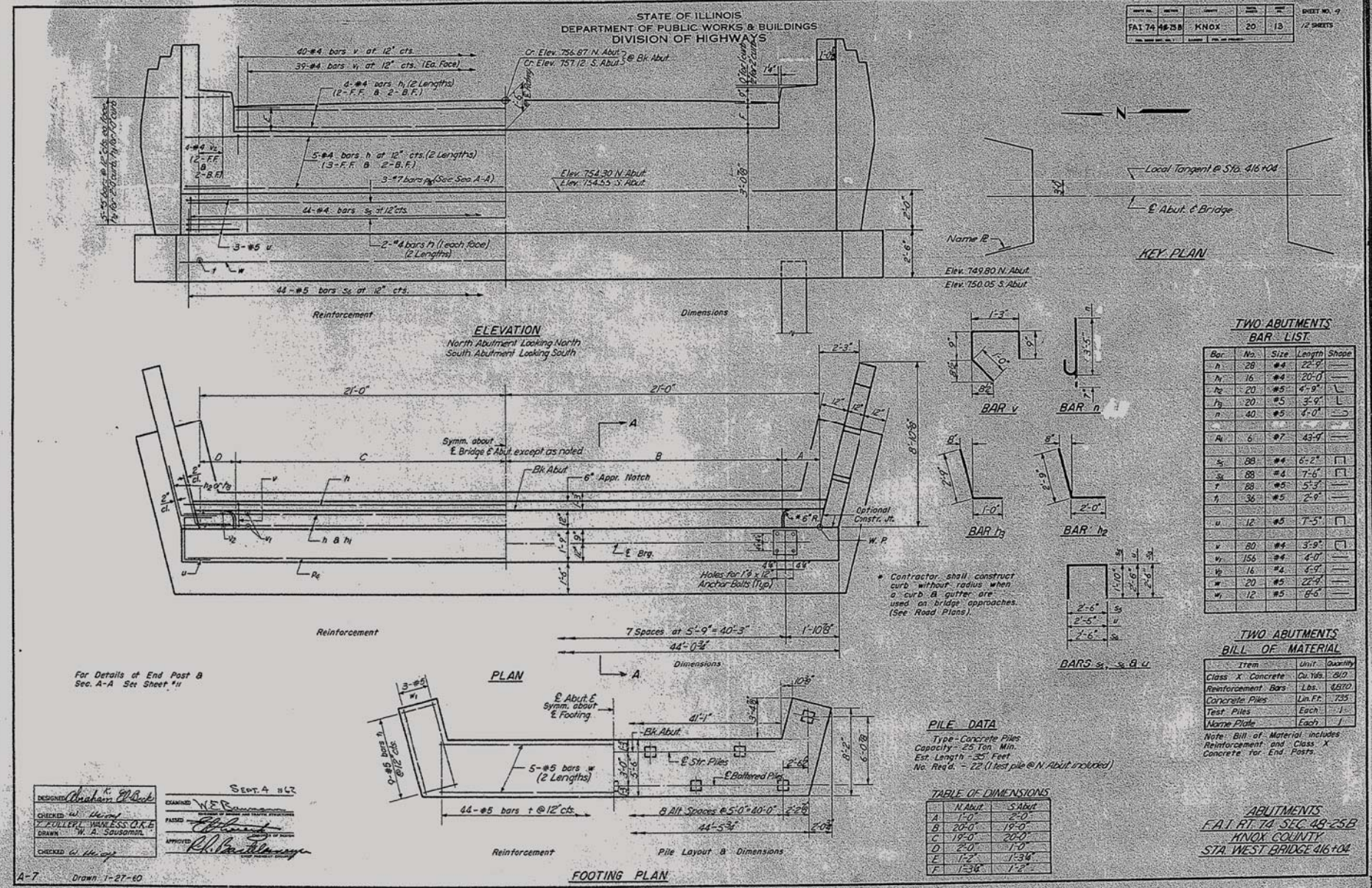
BAR S4



FOR INFORMATION ONLY

FILE NAME = ... \D4-174-HendersonCreek-EB-shAPP13-D4.dgn	DESIGNED - TLM	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	EXISTING PLANS			F.A.I. RTE. 74	SECTION 48-(125B)BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 124
PLOT TIME = 4:41:15 PM	DRAWN - TLM	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68B85		
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -					ILLINOIS FED. AID PROJECT				
	DATE - 10/22/2013	REVISED -									





DESIGNED: *Abraham P. Bab*  
CHECKED: *W. H. ...*  
DRAWN: *W. A. ...*  
DATE: 10/22/2013



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

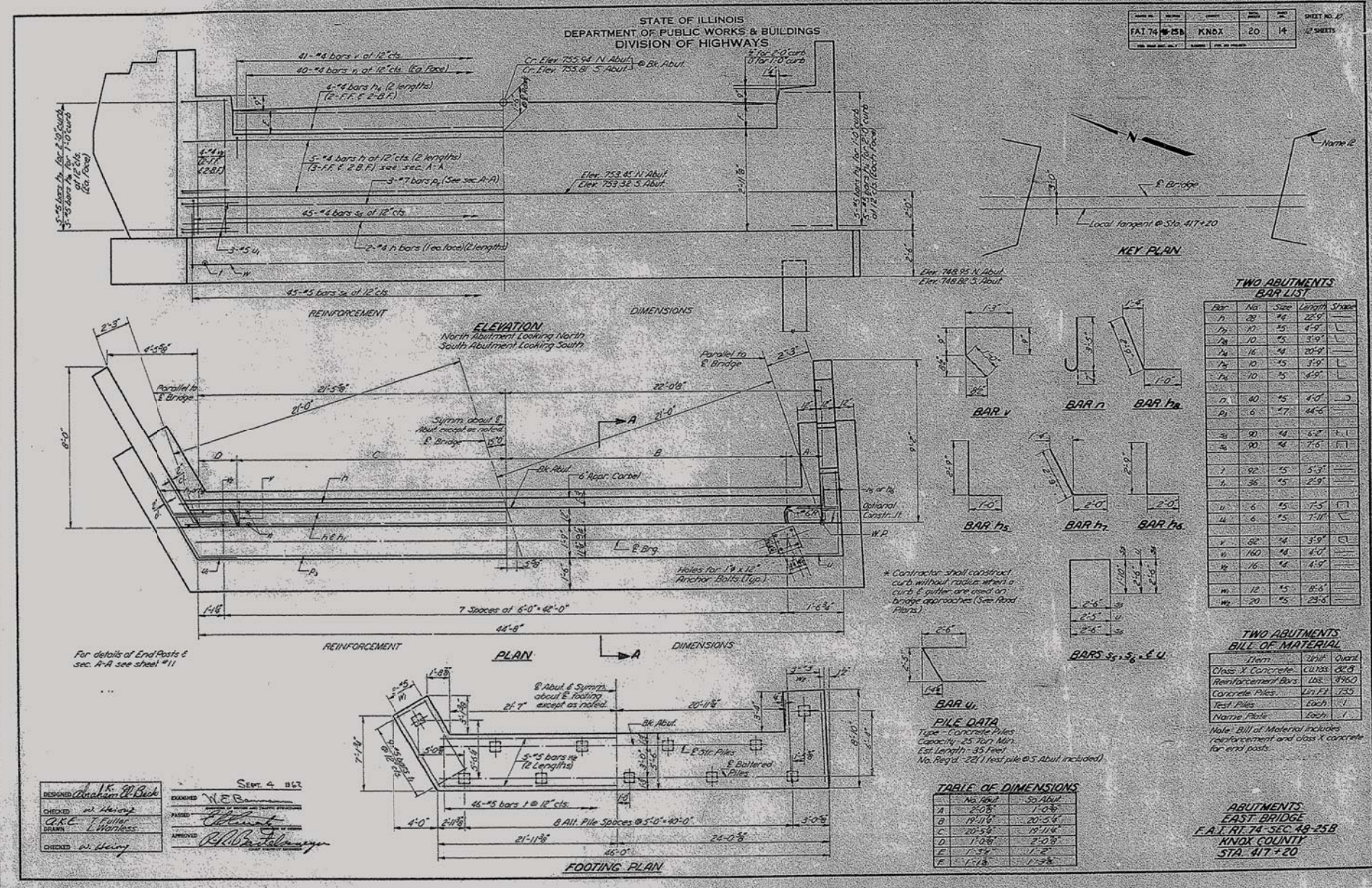
**EXISTING PLANS**

SCALE: N.T.S.    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-[(25B)BR, BR-1]	KNOX	131	125
CONTRACT NO. 68B85				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY





DESIGNED: *R. Beck*  
DRAWN: *T. Fuller*  
CHECKED: *M. Perry*

EXAMINED: *W.E.B.*  
APPROVED: *R.D. Stelmeyer*

SEPT. 4 2013

**PILE DATA**  
Type: Concrete Piles  
Capacity: 25 Ton Min.  
Ech Length: 35 Feet  
No. Reg'd. (2/11) (see pile @ S Abut. included)

**TABLE OF DIMENSIONS**

No. Abut.	So. Abut.
A	2'-0"
B	19'-0"
C	20'-5"
D	1'-0"
E	1'-2"
F	1'-10"

FOR INFORMATION ONLY



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	SHEET NO.	TOTAL SHEETS
FAI 74-48-25B	KNOX	20	47

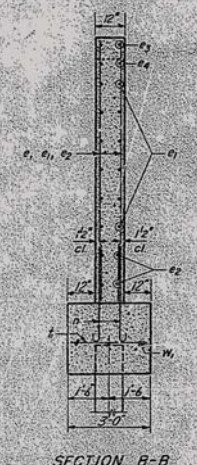
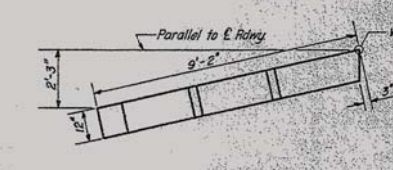
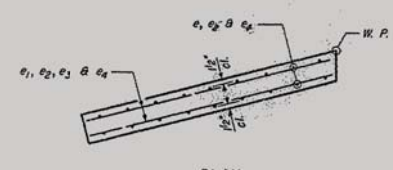
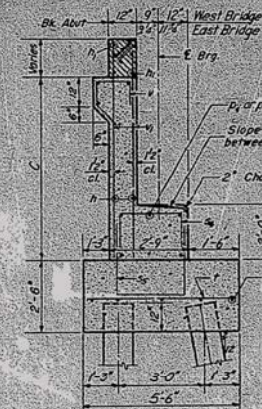
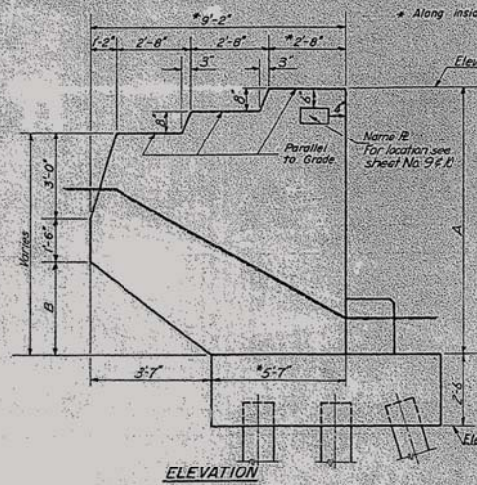
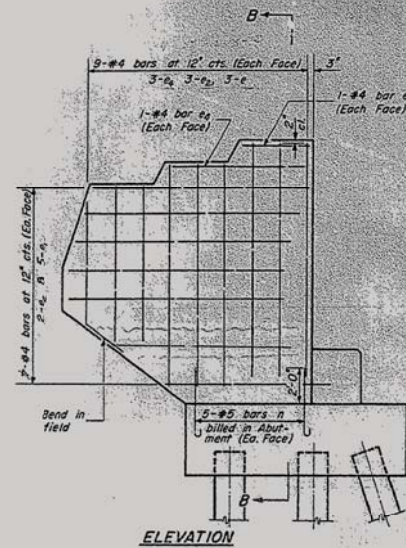


TABLE OF DIMENSIONS

	EAST BRIDGE		WEST BRIDGE	
	N. ABUT.	S. ABUT.	N. E. S. ABUT.	W. S. ABUT.
A	7'-4"	7'-4"	7'-6"	7'-5"
B	1'-6"	1'-6"	1'-6"	1'-7"
C	2'-7"	2'-11"	2'-11"	3'-0"

ONE END POST  
BILL OF MATERIAL

Bar	No.	Size	Length	Slope
e	6	#4	7'-5"	
e1	10	#4	7'-9"	
e2	2	#4	6'-6"	
e3	2	#4	2'-6"	
e4	8	#4	5'-0"	

Class X Concrete Cu. Yds. 2.2  
Reinforcement Bars Lbs. 154

End Post Quantities included in Abutment Bill of Material

DETAIL OF ABUTMENTS & END POSTS  
FAI RT. 74-SEC. 48-25B  
KNOX COUNTY  
STA. EAST BRIDGE 416+20  
WEST BRIDGE 416+04

DESIGNED: *Abraham P. Bick*  
CHECKED: *W. A. Soudan*  
DRAWN: *W. A. Soudan*  
AW-2 Drawn 2-2-60

FOR INFORMATION ONLY

FILE NAME = ... \D4-174-HendersonCreek-EB-shAPP16-D4.dgn	DESIGNED - TLM	REVISED -	<p>300 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1259 TEL. 312 454 9100 FAX 312 555 1217 WEB www.sepstein.com</p>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EXISTING PLANS			F.A.I. RTE. 74	SECTION 48-(25B)BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 127
PLOT TIME = 4:43:28 PM	DRAWN - TLM	REVISED -		SCALE: N.T.S.			SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68B85			
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -		DATE - 10/22/2013			ILLINOIS FED. AID PROJECT							

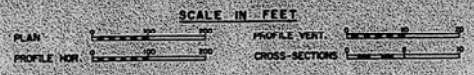


7806

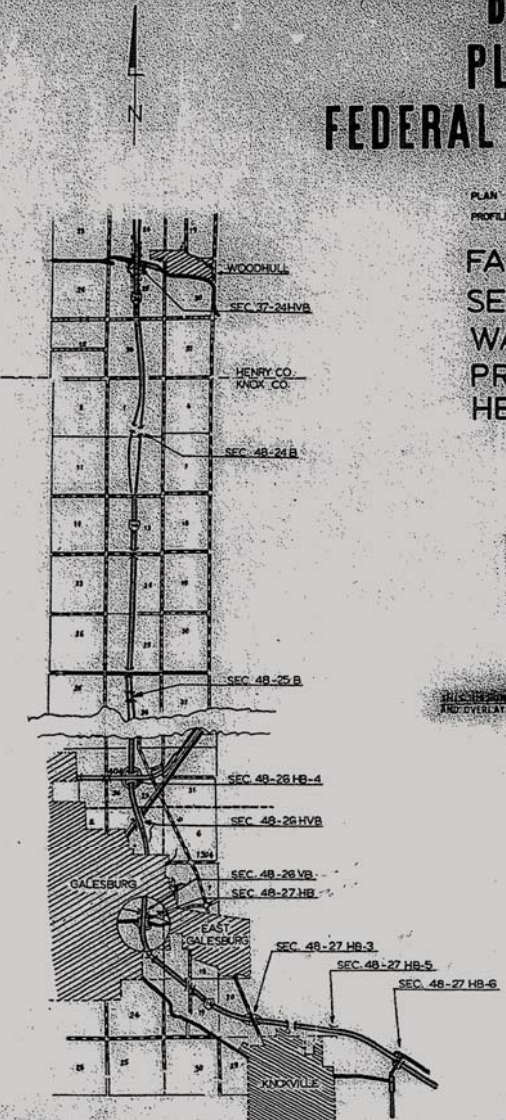
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION AND BUILDINGS  
 DIVISION OF HIGHWAYS  
 PLANS FOR PROPOSED  
 FEDERAL AID INTERSTATE HIGHWAY

PROJECT NO.	SEC.	COUNTY	SECTION	SHEET NO.	TOTAL SHEETS
FAI-74	48	HENRY & KNOX	BR-1J	131	128
PROJECT I-74-2(93)31					
DIST. 4, BDW 1976-1					
F-94-001-73					

- INDEX OF SHEETS
- 1 - COVER SHEET, INDEX OF SHEETS
  - 2 - SUMMARY OF QUANTITIES, QUANTITIES NOT OTHERWISE SHOWN, GENERAL NOTES
  - 3 - TYPICAL SECTIONS, DETAILS
  - 4-13 - BRIDGE PLANS
  - 14-15A - DETAIL SHEETS
- STANDARDS
- 2290-A
  - 2292-A
  - 2300-1
  - 2304-A
  - 2312-5
  - 2314-3
  - 2318-A



FAI. ROUTE 74  
 SECTION : DISTRICT 4 BRIDGE DECK  
 WATERPROOFING 1976-1  
 PROJECT I-74-2(93)31  
 HENRY-KNOX-COUNTIES  
 C-94-002-76



THIS CONTRACT CONSISTS OF DECK SLAB REPAIR, EXPANSION JOINT ADJUSTMENT, DECK WATERPROOFING AND OVERLAY OF VARIOUS STRUCTURES ON FAI-74 IN HENRY & KNOX COUNTIES.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

APPROVED: \_\_\_\_\_  
 DIVISION ADMINISTRATOR

DATE: \_\_\_\_\_

DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATOR

APPROVED: \_\_\_\_\_  
 DIVISION ADMINISTRATOR

DATE: \_\_\_\_\_

CONTRACT NO. 92070

HENRY & KNOX COUNTY SECTION 48 F. A. I. ROUTE 74 DIST. 4, BDW 1976-1

ALL DIMENSIONS CONCRETE QUANTITIES REVISED 12/30/75 SHEETS 1,2,4,6,7,8,10,12 & 13 REVISED 1/7/76

FOR INFORMATION ONLY

FILE NAME = ... \D4-174-HendersonCreek-EB-shAPP17-D4.dgn	DESIGNED - TLM	REVISED - -	 800 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1299 TEL 312 454 9100 FAX 312 555 1217 WEB www.sepstein.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS				F.A.I. RTE. 74	SECTION 48-[25B]BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 128	
PLOT TIME = 4:44:09 PM	DRAWN - TLM	REVISED - -			SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68B85				
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED - -			ILLINOIS FED. AID PROJECT									
	DATE - 10/22/2013	REVISED - -												



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HENRY CO.		KNOX CO.	
				STATE FUNDS	FEDERAL PARTICIPATION	STATE FUNDS	FEDERAL PARTICIPATION
240615	BITUMINOUS CONCRETE SURFACE COURSE MIXTURE D, CLASS 1	TONS	2,952	83.7	582.2	405.6 / 147.1	1152 / 382.2
501022	CONCRETE REMOVAL	CU. YD.	91		15.7	275 / 1.4	46.20
504003	CLASS X CONCRETE	CU. YD.	92		16.2	274 / 1.5	46.96
507001	FURNISH & ERECT STRUCTURAL STEEL	POUNDS	3058			1084 / 389	1575 / 0
646001	ENGINEER'S FIELD OFFICE, TYPE A	EACH	1		0.1		0.9 / 0
512001	REINFORCEMENT BARS	LBS.	4385		1120		1,977 / 288
306641	WATERPROOFING MEMBRANE SYSTEM	SQ. YD.	14,318		2,052		9476 / 2750
256201	PAVEMENT MARKING TAPE	LIN. FT.	239		16		188 / 20
321059	TRAFFIC CONTROL & PROTECTION 2316	L. SUM	1		0.1		0.9 / 0
321102	NEOPRENE EXPANSION DAM	LIN. FT.	1763		157.5		1328 / 201.7
305250	PREFORMED JOINT SEALER 1-3/4"	LIN. FT.	190				60 / 0
321106	PREFORMED JOINT SEALER 2-1/2"	LIN. FT.	205		24		248 / 12
230205	DECK SLAB REPAIR (PARTIAL)	SQ. YD.	253	583		192.5 / 12.2	
607002	PIPE DRAIN 6"	LIN. FT.	225			225 / 0	
607152	PIPE UNDERDRAIN 6"	LIN. FT.	800			800 / 0	

QUANTITIES NOT OTHERWISE SHOWN

ENGINEER'S FIELD OFFICE, TYPE A  
TOTAL 1 EACH

TRAFFIC CONTROL & PROTECTION 2316  
TOTAL 1 LUMP SUM

GENERAL NOTES

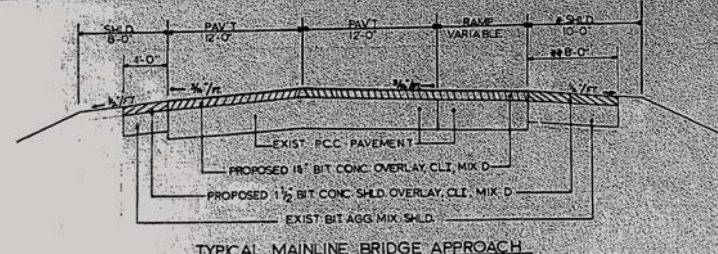
- THE CURB AND PARAPET MAY BE FORMED INDIVIDUALLY WITH THE DECK SLAB. ALL EXISTING STEEL AND ALUMINUM MEMBRAL SHALL BE CLEANED AND SAND-BLASTED. THE QUANTITIES FOR REMOVAL AND REPLACEMENT OF THE CURBS AND PARAPETS HAVE BEEN INCLUDED IN THE QUANTITIES OF CONCRETE REMOVAL, CONCRETE SURFACE COURSE MIXTURE D, CLASS 1, AND CLASS X CONCRETE.
- FOR TRAFFIC CONTROL AND PROTECTION TAPE SHALL BEGIN AT LEAST AT THE PARTWAY CENTER OF THE BRIDGE AND AT 50' TO THE CENTERLINE OF PAVEMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO THE ORDERING OF MATERIALS.
- IF UNSOUND CONCRETE IS FOUND TO EXIST WITH A DEPTH OF 3-1/2" INCHES, REQUIRING FULL DEPTH REMOVAL, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT TRAFFIC BELOW THE WORK AREA IN ACCORDANCE WITH ARTICLE 100.75 OF THE STANDARD SPECIFICATIONS.
- THE POLYURETHANE FILL AND CONCRETE JOINT SEALER IN THE LONGITUDINAL JOINTS ARE TO BE REMOVED.
- ADDITIONAL QUANTITIES HAVE BEEN INCLUDED IN BITUMINOUS CONCRETE SURFACE COURSE CLASS 1, MIX D TO COMPENSATE FOR LOW MOISTURE AND SETTLEMENT OF APPROACH SLABS.
- LOCALLY AVAILABLE COMMERCIAL GRADE STRUCTURAL STEEL (1) TO (5) MAY BE USED FOR PARTS OF STRUCTURAL MEMBERS.
- DURING CONSTRUCTION ON THE OUTSIDE LANES OF THE INTERCHANGE BRIDGES, ADVANCE MARKING LIGHTS SHALL BE PROVIDED FOR THE DRIVERS, IN ACCORDANCE WITH, AND INCIDENTALS TO TRAFFIC CONTROL AND PROTECTION SPECIFICATIONS.
- PRE-JACK HOLES ON ALL APPROACH SLABS ARE TO BE FILLED WITH CONCRETE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- AFTER THE TRAPDOOR JOINTS HAVE BEEN ADJUSTED OR REWORKED, THE CONTRACTOR SHALL CLEAN THE BEARING SEATS TO THE SATISFACTION OF THE ENGINEER.
- SEE SHEET NO. 6 FOR DRAIN HOLE DETAILS.

APPROVED FOR SUBMITTAL  
DATE 10-15-13  
EXAMINED  
DATE 10-15-13  
EXAMINED  
DATE 10-15-13  
DATE 10-15-13

SUMMARY OF QUANTITIES  
ONS. &  
GENERAL NOTES

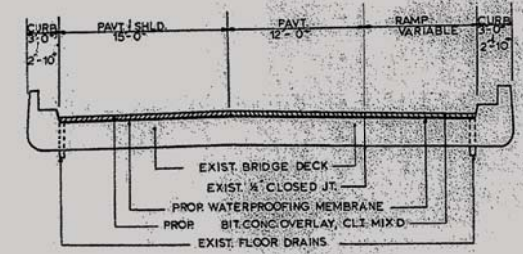
FOR INFORMATION ONLY



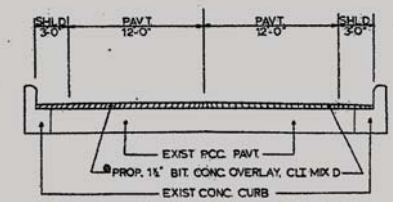


TYPICAL MAINLINE BRIDGE APPROACH

12'-0" BEYOND END OF RAMP  
10'-0" BEYOND END OF RAMP

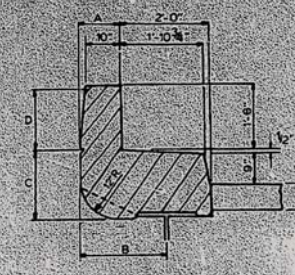


TYPICAL BRIDGE DECK TREATMENT



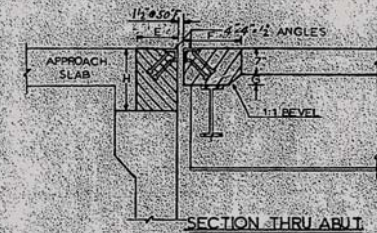
ROADWAY BETWEEN BRIDGES  
SEC. 48-27 HB-3

3'-0" SHLD OVERLAY TO BE 1 1/2" DEPTH @ EDGE OF PAVT TO 1 1/4" @ CURB FACE

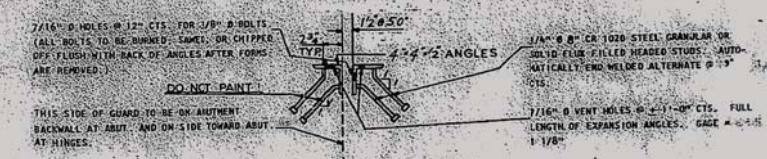


CURB DETAIL

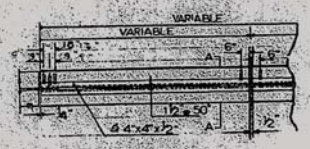
VAR	STRUCTURES							
DIM	48-25B	48-26B	48-26B	48-26B	48-27B	48-27B	48-27B	48-27B
A	NA	12"	12"	NA	12"	12"	12"	12"
B	NA	2'-0"	1'-11 1/2"	NA	2'-0"	2'-0"	2'-0"	2'-0"
C	NA	1'-8 1/8"	1'-7 7/8"	NA	1'-8 1/8"	1'-8 1/8"	1'-8 1/8"	1'-8 1/8"
D	NA	1'-4"	1'-4"	NA	1'-4"	1'-4"	1'-4"	1'-4"
E	1'-0 1/8"	NA	NA	1'-0"	NA	NA	NA	NA
F	NA	18 1/2"	16 1/8"	NA	17 1/2"	17 1/2"	17 1/2"	17 1/2"
G	NA	8 1/2"	4 1/8"	NA	5 1/2"	5 1/2"	5 1/2"	5 1/2"
H	1'-4"	NA	NA	1'-7"	NA	NA	NA	NA



SECTION THRU ABUT



SECTION THRU EXPANSION GUARD

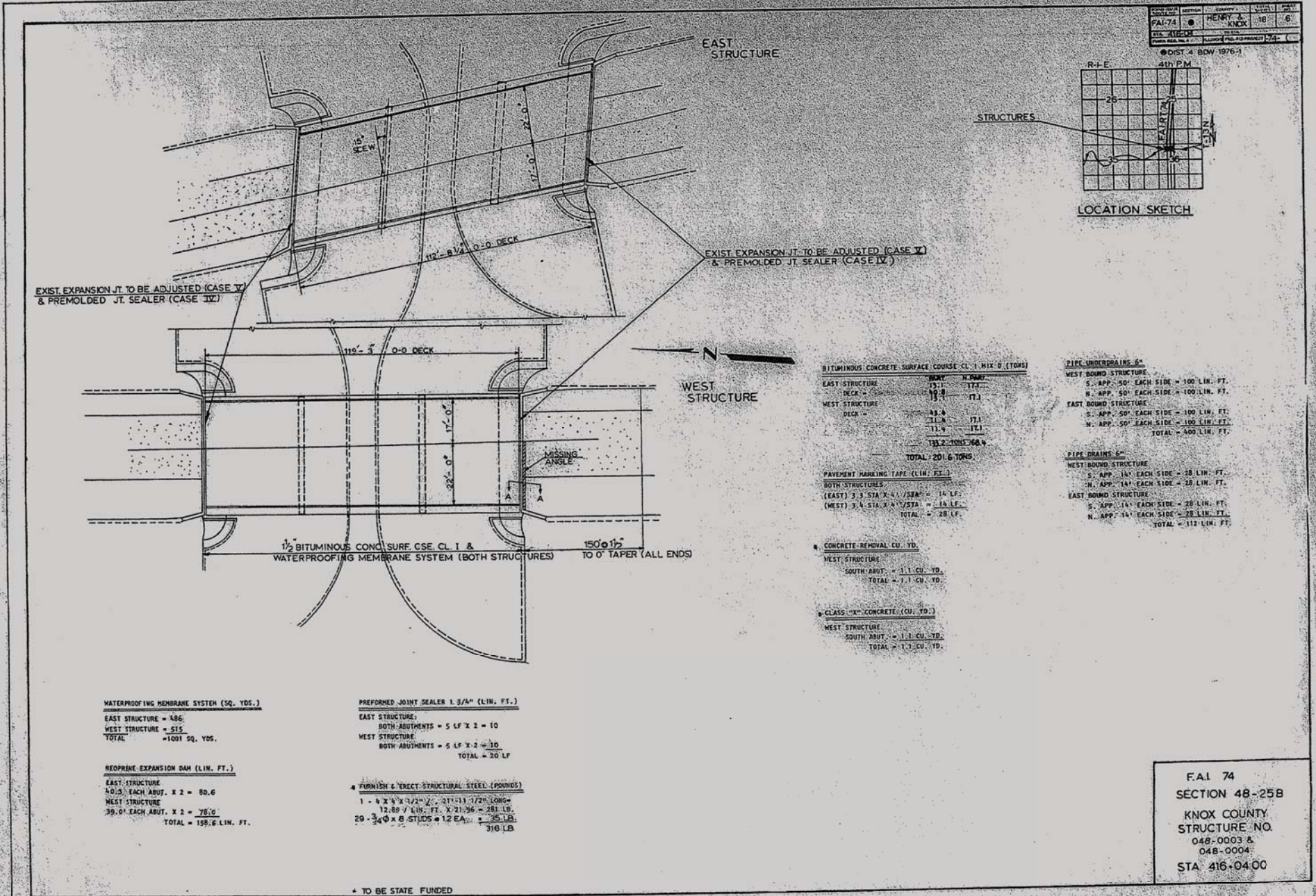


PLAN OF EXPANSION GUARD

TYPICAL SECTIONS & DETAILS

FOR INFORMATION ONLY





FOR INFORMATION ONLY

FILE NAME = ...D4-174-HendersonCreek-EB-shAPP20-D4.dgn	DESIGNED - TLM	REVISED -	<p>800 WEST FULTON STREET CHICAGO, ILLINOIS 60611-1259</p> <p>TEL 312 454 9100 FAX 312 559 1217 WEB www.sepstein.com</p>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>EXISTING PLANS</b>				F.A.I. RTE. 74	SECTION 48-(25B)BR, BR-1J	COUNTY KNOX	TOTAL SHEETS 131	SHEET NO. 131	
PLOT TIME = 4:46:07 PM	DRAWN - TLM	REVISED -						SCALE: N.T.S.				SHEET NO.	OF	SHEETS	STA.	TO	STA.
PLOT DATE = 7/30/2014	CHECKED - GAO	REVISED -		ILLINOIS FED. AID PROJECT													
DATE - 10/22/2013	DRAWN - TLM	REVISED -															