

SB-110

SOIL BORING LOG									
PAGE 4 of 4					DATE 5/1-4/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic					STRUCT. NO. 082-W309				
STATION: --					SURFACE WATER ELEV. n/a				
BORING NO. SB-110					STREAM BED ELEV. n/a				
STATION: 50+82					GROUNDWATER ELEVATION:				
OFFSET: 56.5' Right					FIRST ENCOUNTER n/a				
GROUND SURFACE ELEV. 417.4					UPON COMPLETION n/a				
					AFTER 24 HRS. 399.4				
-120.4', -120.5', -122.1', -122.5', -123.4', -123.7' & -124.9'					RECOVERY=100.0% R.Q.D.=87.8%				
291.9					RUN 1				
RUN 1 (-125.5' to -126.7')					RECOVERY=100.0% R.Q.D.=0.0%				
290.9					RUN 2				
End Of Boring @ -126.5'					Hollow Stem Augers To -10.0'				
					Rotary Drilling To Completion				
					CME Automatic Hammer				
					10' Of 4" Casing Used				
					115' Of 3" Casing Used				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) S--Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

SB-110 Run-1

ROCK CORE LOG									
PAGE 1 of 2					DATE 5/1-4/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair CORING METHOD Rotary Wash					STRUCT. NO. 082-W309				
STATION: --					CORING BARREL TYPE & SIZE NX Double Swivel-10 ft				
BORING NO. SB-110					CORE DIAMETER 2.0 in				
STATION: 50+82					TOP OF ROCK ELEV. 302.4				
OFFSET: 56.5' Right					BEGIN CORE ELEV. 301.9				
GROUND SURFACE ELEV. 417.4									
RUN 1 (-115.5' to -125.5')					301.9				
Mississippi System, Valmeyeran Series Limestone					100.0 87.8 n/a				
Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Tight vertical fracture from -115.5' to -118.0'. Horizontal fractures @ -116.2', -116.4', -117.2', -118.0', -118.1', -119.0', -119.3', -119.5', -120.4', -120.5', -122.1', -122.5', -123.4', -123.7' & -124.9'.									
					130.5				
					150				
					155				
					160				

Color pictures of the cores Yes Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

SB-110 Run-2

ROCK CORE LOG									
PAGE 2 of 2					DATE 5/1-4/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair CORING METHOD Rotary Wash					STRUCT. NO. 082-W309				
STATION: --					CORING BARREL TYPE & SIZE NX Double Swivel-10 ft				
BORING NO. SB-110					CORE DIAMETER 2.0 in				
STATION: 50+82					TOP OF ROCK ELEV. 302.4				
OFFSET: 56.5' Right					BEGIN CORE ELEV. 301.9				
GROUND SURFACE ELEV. 417.4									
RUN 2 (-125.5' to -126.7')					291.9				
Mississippi System, Valmeyeran Series Limestone					100.0 0.0 n/a				
Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Numerous horizontal fractures throughout.									
					130.5				
					150				
					155				
					160				

Color pictures of the cores Yes Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

I:\999999\CNN-PP-081-MS.DGN_0820318-CNN-PP-081-08.DGN
 5-11-2011 10:02:05
 NEWARK
 I:\S-9044\AMVA\LO-10-10-06-SHT-MS.DGN
 081\STRUCT\CONV\01 DESIGN\0820318\0820318-081-08-SHT-MS.DGN
 07/22/09 2:08:59

SB-111

SB-111

SB-111

PAGE 1 of 4
DATE 4/30-5/5/2009
LOGGED BY DR
GSI JOB No. 08201

ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 082-W309
Station: --
BORING NO. SB-111
Station: 51+48
Offset: 51.5' Right
Ground Surface Elev. 416.9

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	Description	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-4	4			SANDY LOAM with Cinders-black-medium dense (Fill)	0-2	2		
4-6	6				2-2	2		
6-6	6	NP	25		2-2	NP	32	
413.9								
0-2	2			SANDY LOAM to LOAM-brown-loose (A-4)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	25		2-2	NP	30	
411.4				SANDY LOAM-brown & gray-very loose to medium dense (A-2)	-25	2	NP	30
0-1	1		71		0-2	2		
1-2	2	0.5B	47	SILTY CLAY-brown & gray-medium stiff (A-7) Wet	2-2	NP	33	
408.9								
0-2	2			SANDY LOAM to LOAM-brown (A-4)	0-2	2		
2-3	3				2-3	3		
3-4	4	NP	31		3-2	NP	32	
406.9								
0-1	1			SILTY CLAY-brown & gray-very soft (A-7) Wet	0-2	2		
1-2	2	<0.25P	34		2-2	2		
2-3	3				3-2	NP	31	
403.9								
0-4	4			SILT-brown & gray-loose (A-4)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	21		3-2	NP	32	
398.9								
0-2	2			SANDY LOAM-brown & gray-very loose to medium dense (A-2)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	30		3-2	NP	32	

PAGE 2 of 4
DATE 4/30-5/5/2009
LOGGED BY DR
GSI JOB No. 08201

ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 082-W309
Station: --
BORING NO. SB-111
Station: 51+48
Offset: 51.5' Right
Ground Surface Elev. 416.9

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	Description	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-2	2			SANDY LOAM-brown & gray-very loose to medium dense (A-2)	0-2	2		
2-1	1				2-2	2		
1-2	2	NP	33		2-2	NP	35	
366.4								
0-2	2			SAND-brown & gray-loose to dense (A-3)	0-2	2		
2-1	1				2-2	2		
1-2	2	NP	32		2-2	NP	32	
343.9								
0-4	4			SAND-brown & gray-medium dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	29		3-2	NP	29	
338.9								
0-5	5			SAND-brown & gray-loose to dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	31		3-2	NP	31	
366.4								
0-5	5			SAND-brown & gray-loose to dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	27		3-2	NP	27	
343.9								
0-6	6			SAND-brown & gray-loose to dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	27		3-2	NP	27	
338.9								
0-10	10			SAND-brown & gray-medium dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	14		3-2	NP	14	
338.9								
0-15	15			SAND-brown & gray-medium dense (A-3)	0-2	2		
2-3	3				2-2	2		
3-4	4	NP	14		3-2	NP	14	

PAGE 3 of 4
DATE 4/30-5/5/2009
LOGGED BY DR
GSI JOB No. 08201

ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 082-W309
Station: --
BORING NO. SB-111
Station: 51+48
Offset: 51.5' Right
Ground Surface Elev. 416.9

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	Description	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-9	9			SAND-brown & gray-medium dense to dense (A-3)	0-13	13		
9-14	14				13-16	16		
14-14	14	NP	18		16-13	NP	20	
315.4								
0-7	7			SAND-brown & gray-loose to dense (A-3)	0-9	9		
7-11	11				9-11	11		
11-5	5			SAND with Gravel-brown & gray-dense to very dense (A-1-b)	5-6	6	NP	22
5-6	6	NP	17		6-10	NP	22	
331.4								
0-7	7			SAND with Gravel-brown & gray-medium dense (A-1-b)	0-14	14		
7-7	7				14-18	18		
7-4	4	NP	12		18-16	NP	26	
408.9								
0-7	7			SAND with Gravel-brown & gray-medium dense (A-1-b)	0-8	8		
7-7	7				8-25	25		
7-7	7				25-70	70	NP	23
366.4								
0-9	9			SAND-brown & gray-dense (A-3)	0-10	10		
9-8	8				10-21	21		
8-8	8	NP	12		21-23	NP	16	
323.9								
0-8	8			SAND-brown & gray-dense (A-3)	0-16	16		
8-8	8				16-12	12		
8-8	8	NP	12		12-23	NP	16	
303.9								
0-8	8			SAND with Gravel-brown & gray-very dense (A-1-b)	0-12	12		
8-8	8				12-75	75	NP	11
8-8	8	NP	14		75-11	NP	11	
301.9-115								
0-7	7			SAND-brown & gray-medium dense to dense (A-3)	0-9	9		
7-8	8				9-12	12		
8-8	8	NP	15		12-13	NP	19	
338.9								
0-10	10			SAND-brown & gray-medium dense to dense (A-3)	0-9	9		
10-14	14				9-12	12		
14-100	100	NP	12		12-90	NP	21	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

SB-111-CORR-09-08-MS.DGN, 1/08/2010, CORN 09, 091-B0.DGN
 5-11-2011, 10:02:08
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION RETAINING WALL	SOIL BORING LOGS 17 OF 26			F.A.P. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR	TOTAL SHEETS 345	SHEET NO. 303
FILE#	PLOT SCALE = #SCALE#	DRAWN - TCG	REVISED -		SCALE:	SHEET NO. RB-23 OF RB-32	STA. 801+75.00 TO STA. 809+75.00	CONTRACT NO. 76D05				
TENG	PLOT DATE = #DATE#	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DATE - 05/13/11	REVISED -									

SB-111

SB-111 Run-1

SB-111 Run-2

SOIL BORING LOG		PAGE 4 of 4	
ROUTE <u>I70/I3</u>		DATE <u>4/30-5/5/2009</u>	
SECTION <u>B2-2-1HVB-1</u>		LOGGED BY <u>DR</u>	
COUNTY <u>St. Clair</u>		GSI JOB No. <u>08201</u>	
DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>		LOCATION <u>I-70 & Illinois Route 3</u>	
DRILLING METHOD <u>3.25" Hollow Stem Auger</u>		HAMMER TYPE <u>CME Automatic</u>	
STRUCT. NO. <u>082-W309</u>		SURFACE WATER ELEV. <u>n/a</u>	
Station: <u>---</u>		Stream Bed Elev. <u>n/a</u>	
BORING NO. <u>SB-111</u>		Groundwater Elevation: <u>n/a</u>	
Station: <u>51+48</u>		First Encounter <u>n/a</u>	
Offset: <u>51.5' Right</u>		Upon Completion <u>n/a</u>	
Ground Surface Elev. <u>416.9</u>		After 24 Hrs. <u>n/a</u>	
DEPT H	BLOWS Qu	UCS (tsf)	MOIST (%)
-123.1', -123.7', -124.0', -124.3' & -124.4'			
Recovery=100.0%			
R.Q.D.=82.5%			
RUN 1			
291.9-125			
RUN 2 (-125.0' to -127.0') Mississippi System, Valmeyeran Series Limestone Recovery=75.0% R.Q.D.=50.0%			
289.9			
End Of Boring @ -127.0' Hollow Stem Augers To -10.0' Rotary Drilling To Completion CME Automatic Hammer 10' Of 4" Casing Used 3" Casing Used			
-130			
-135			
-140			

ROCK CORE LOG		PAGE 1 of 2			
ROUTE <u>I70/I3</u>		DATE <u>4/30-5/5/2009</u>			
SECTION <u>B2-2-1HVB-1</u>		LOGGED BY <u>DR</u>			
COUNTY <u>St. Clair</u>		GSI JOB No. <u>08201</u>			
DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>		LOCATION <u>I-70 & Illinois Route 3</u>			
CORING METHOD <u>Rotary Wash</u>					
STRUCT. NO. <u>082-W309</u>		CORING BARREL TYPE & SIZE <u>NX Double Swivel-10 ft</u>			
Station: <u>---</u>		Core Diameter <u>2.0 in</u>			
BORING NO. <u>SB-111</u>		Top of Rock Elev. <u>301.9</u>			
Station: <u>51+48</u>		Begin Core Elev. <u>301.9</u>			
Offset: <u>51.5' Right</u>					
Ground Surface Elev. <u>416.9</u>					
DEPT H	CORE RUN	RECOVERY (%)	R.Q.D. (%)	CORRECTION (min)	STRENGTH (tsf)
(ft)	(#)	(%)	(%)	(ft)	(tsf)
301.9	1	100.0	82.5	n/a	127.0
RUN 1 (-115.0' to -125.0') Mississippi System, Valmeyeran Series Limestone Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Soft & argillaceous from -121.9' to -122.1'. Horizontal fractures @ -115.9', -116.9', -117.2', -118.5', -118.7', -119.5', -120.5', -121.0', -121.5', -121.9', -122.1', -122.9', -123.1', -123.7', -124.0', -124.3' & -124.4'.					
-120					
-125					

ROCK CORE LOG		PAGE 2 of 2			
ROUTE <u>I70/I3</u>		DATE <u>4/30-5/5/2009</u>			
SECTION <u>B2-2-1HVB-1</u>		LOGGED BY <u>DR</u>			
COUNTY <u>St. Clair</u>		GSI JOB No. <u>08201</u>			
DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>		LOCATION <u>I-70 & Illinois Route 3</u>			
CORING METHOD <u>Rotary Wash</u>					
STRUCT. NO. <u>082-W309</u>		CORING BARREL TYPE & SIZE <u>NX Double Swivel-10 ft</u>			
Station: <u>---</u>		Core Diameter <u>2.0 in</u>			
BORING NO. <u>SB-111</u>		Top of Rock Elev. <u>301.9</u>			
Station: <u>51+48</u>		Begin Core Elev. <u>301.9</u>			
Offset: <u>51.5' Right</u>					
Ground Surface Elev. <u>416.9</u>					
DEPT H	CORE RUN	RECOVERY (%)	R.Q.D. (%)	CORRECTION (min)	STRENGTH (tsf)
(ft)	(#)	(%)	(%)	(ft)	(tsf)
291.9	2	75.0	50.0	n/a	102.0
RUN 2 (-125.0' to -127.0') Mississippi System, Valmeyeran Series Limestone Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -125.4', -126.2', -126.4' & -126.6'.					
-130					
-135					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample, VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

N:\99999-CONV-99-001-MS.DEN, N:\0220018 CONN-99-001-RO.DCN, 5-11-2011 10:22:12, NEWARKO, \\S:\094\A\VAL\LD, TRANE, 07/22/2012 2:06:59 PM, DESIGN\082\W309\SB\111\082W309-CONV-10-018-SHT-MS.DEN



SB-119

SB-119 Run-1

SOIL BORING LOG				PAGE 4 of 4			
ROUTE <u>I70/I13</u>				DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>			
SECTION <u>82-2-1HVB-1</u>				LOCATION <u>I-70 & Illinois Route 3</u>			
COUNTY <u>St. Clair</u>				DRILLING METHOD <u>3.25" Hollow Stem Auger</u> HAMMER TYPE <u>CME Automatic</u>			
STRUCT. NO. <u>082-0328</u>				Surface Water Elev. <u>n/a</u>			
Station: <u>--</u>				Stream Bed Elev. <u>n/a</u>			
BORING NO. <u>SB-119</u>				Groundwater Elevation:			
Station: <u>1682+57</u>				First Encounter <u>n/a</u>			
Offset: <u>46.0' Left</u>				Upon Completion <u>n/a</u>			
Ground Surface Elev. <u>416.0</u>				After 24 Hrs. <u>n/a</u>			
DEPTH	BLOW	UCS	MOIST	DEPTH	BLOW	UCS	MOIST
(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
Recovery=100.0%				R.O.D.=70.2%			
292.0				RUN 1			
End Of Boring @ -124.0'				-125			
Hollow Stem Augers To -10.0'				-145			
Rotary Drilling To Completion							
CME Automatic Hammer							
10' Of 4" Casing Used							
3" Casing Used							
-130				-150			
-135				-155			
-140				-160			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

ROCK CORE LOG				PAGE 1 of 1			
ROUTE <u>I70/I13</u>				DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>			
SECTION <u>82-2-1HVB-1</u>				LOCATION <u>I-70 & Illinois Route 3</u>			
COUNTY <u>St. Clair</u>				CORING METHOD <u>Rotary Wash</u>			
STRUCT. NO. <u>082-0328</u>				CORING BARREL TYPE & SIZE <u>NX Double Swivel-10 ft</u>			
Station: <u>--</u>				Core Diameter <u>2.0 in</u>			
BORING NO. <u>SB-119</u>				Top of Rock Elev. <u>303.0</u>			
Station: <u>1682+57</u>				Begin Core Elev. <u>302.0</u>			
Offset: <u>46.0' Left</u>							
Ground Surface Elev. <u>416.0</u>							
DEPTH	CORRE	RECOV	R.Q.D.	CORRE	STRENGTH		
(ft)	(#)	(%)	(%)	(min)	(tsf)		
302.0	1	100.0	70.2	n/a	1004#	-114.0	
RUN 1 (-114.0' to -124.0')							
Mississippian System, Valmeyeran Series Limestone							
Light gray & fine grained with horizontal bedding. Highly fractured to -115.8'. Horizontal fractures @ -116.2', -116.6', -117.1', -117.6', -118.2', -118.6' & -118.8'. Vertical fracture from -119.2' to -120.0'. Horizontal fractures @ -120.1', -121.5', -122.1', -122.3', -123.2' & -123.4'.							
-119							
-124							

Color pictures of the cores Yes Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

X:\999999\CON-99-001\MS.DGN_0820319-CON-99-001.BID.DGN
 5-11-2011, 10:02:19
 NEWKANNID \NTS 082-4\KAY\VAU_T.D-TRANS_07\2202\20866-001\STRUCT\CAD\01 DESIGN\082\309\SHEET\082\309-CONN-10-020-SHT-MS.DGN



SB-125

SOIL BORING LOG												PAGE 1 of 4							
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08												DATE 5/5/2009							
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3												LOGGED BY DR							
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic												GSI JOB No. 08201							
STRUCT. NO. 082-0329 Station: --												Surface Water Elev. n/a		DEPTH (ft)		BLOW COUNTS		UNSATURATED MOISTURE	
BORING NO. SB-125 Station: 1680+85												Stream Bed Elev. n/a		H		W		S	
Offset: 46.5' Right												Groundwater Elevation: n/a		T		Q		U	
Ground Surface Elev. 417.2												First Encounter Upon Completion n/a		S		%		M	
After 24 Hrs. 395.2												S		%		M		%	
CONCRETE 416.2																			
CINDERS-black-loose (Fill)																			
SANDY LOAM-brown-medium dense to dense (A-3) 411.7																			
SANDY LOAM-brown-loose to medium dense (A-2)																			
SAND-brown-medium dense (A-3) 406.7																			
SANDY LOAM-brown-loose (A-2) 404.2																			
SAND-brown-medium dense to dense (A-3) 401.7																			
SANDY LOAM-brown-medium dense (A-2) 379.2																			

SB-125

SOIL BORING LOG												PAGE 2 of 4							
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08												DATE 5/5/2009							
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3												LOGGED BY DR							
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic												GSI JOB No. 08201							
STRUCT. NO. 082-0329 Station: --												Surface Water Elev. n/a		DEPTH (ft)		BLOW COUNTS		UNSATURATED MOISTURE	
BORING NO. SB-125 Station: 1680+85												Stream Bed Elev. n/a		H		W		S	
Offset: 46.5' Right												Groundwater Elevation: n/a		T		Q		U	
Ground Surface Elev. 417.2												First Encounter Upon Completion n/a		S		%		M	
After 24 Hrs. 395.2												S		%		M		%	
SANDY LOAM-brown-medium dense (A-2) 361.7																			
SAND-gray-medium dense (A-3)																			
SAND with Gravel-brown & gray-medium dense (A-1-b) 349.2																			
SAND with Gravel-gray-medium dense (A-1-b) 346.7																			
SAND-gray-dense (A-3) 341.7																			
SAND-gray-medium dense (A-3)																			
SAND with Gravel-brown & gray-medium dense (A-1-b)																			

SB-125

SOIL BORING LOG												PAGE 3 of 4							
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08												DATE 5/5/2009							
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3												LOGGED BY DR							
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic												GSI JOB No. 08201							
STRUCT. NO. 082-0329 Station: --												Surface Water Elev. n/a		DEPTH (ft)		BLOW COUNTS		UNSATURATED MOISTURE	
BORING NO. SB-125 Station: 1680+85												Stream Bed Elev. n/a		H		W		S	
Offset: 46.5' Right												Groundwater Elevation: n/a		T		Q		U	
Ground Surface Elev. 417.2												First Encounter Upon Completion n/a		S		%		M	
After 24 Hrs. 395.2												S		%		M		%	
SAND with Gravel (A-1-b) 336.7																			
SAND-brown & gray-medium dense (A-3)																			
SAND-brown & gray-medium dense to very dense (A-3) 331.7																			
SAND with Gravel-brown & gray-medium dense (A-1-b) 329.2																			
SAND-brown & gray-medium dense to very dense (A-3) 302.2-115																			
Drillers Observation: Apparent Bedrock. 301.7																			
RUN 1 (-115.5' to -120.5')																			
Cobbles from -115.5' to -115.8', Mississippian System, Valmeieran Series Limestone																			
Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -115.4', -116.7', -117.2', -117.7', -118.1', -119.6' & -119.7'. 1/2" clay parting @ -120.5'.																			

1998999 CONN-99-081 MS.DCN \9820318 CONN-99-081-001-00.DGN
 5-11-2011 10:02:23
 KENNEDY \SFS-9044\AVAVAU\JOB-TRMS-07\2202\20868 061\STRUCT\CAD\01 DESIGN\0820309\SHEET\0820309 CONN-10-021-SHT-MS.DGN

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	PLOT DATE = #DATE#	DATE - 05/13/11	CHECKED -	REVISED -		SN 082-W309 CONTRACT NO. 76D05		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SB-126

SB-126 Run-1

SB-126 Run-2&3

SOIL BORING LOG									
PAGE 4 of 4					DATE 4/29-30/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic					STRUCT. NO. 082-W309				
STATION: --					BORING NO. SB-126				
Station: 1681+98					Offset: 39.5' Right				
Ground Surface Elev. 416.7					Surface Water Elev. n/a				
Stream Bed Elev. n/a					Groundwater Elevation:				
First Encounter n/a					After 24 Hrs. 395.7				
Upon Completion n/a									
Ground Surface Elev. 416.7									
Horizontal fractures @ -121.1', -122.2', -122.7', -123.3', -123.8' & -124.4'									
Recovery=100.0% R.Q.D.=79.5%									
RUN 1									
291.2									
RUN 2 (-125.5' to -128.0') Valmeyeran Series Limestone Light gray to gray with horizontal bedding. Fine grained with some voring & chert replacement. Recovery=100.0% R.Q.D.=56.0%									
288.7									
RUN 3 (-128.0' to -131.0') Valmeyeran Series Limestone Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Recovery=100.0% R.Q.D.=38.3%									
285.7									
End Of Boring @ -131.0' Hollow Stem Augers To -10.0' Rotary Drilling To Completion CME Automatic Hammer 10' Of 4" Casing Used									
-135									
-140									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Sheby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

ROCK CORE LOG									
PAGE 1 of 2					DATE 4/29-30/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair CORING METHOD Rotary Wash					STRUCT. NO. 082-W309				
STATION: --					BORING NO. SB-126				
Station: 1681+98					Offset: 39.5' Right				
Ground Surface Elev. 416.7					Coring Barrel Type & Size NX Double Swivel-10 ft				
					Core Diameter 2.0 in				
					Top of Rock Elev. 301.2				
					Begin Core Elev. 301.2				
RUN 1 (-115.5' to -125.5') Mississippian System, Valmeyeran Series Limestone									
Light gray to gray & fine grained with horizontal bedding. Weathered to -116.4'. Horizontal fractures @ -115.9', -116.3', -116.4', -116.9', -117.4', -117.8', -118.1', -118.4', -118.8', -119.1', -119.4', -119.6', -120.1' & -120.5'. 1/2" clay parting @ -120.6'. Horizontal fractures @ -121.1', -122.2', -122.7', -123.3', -123.8' & -124.4'.									
301.2									
1 100.0 79.5 n/a 899.0 -117.0									
-10									

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

ROCK CORE LOG									
PAGE 2 of 2					DATE 4/29-30/2009				
LOGGED BY DR					GSI JOB No. 08201				
ROUTE I70/I13 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08					SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				
COUNTY St. Clair CORING METHOD Rotary Wash					STRUCT. NO. 082-W309				
STATION: --					BORING NO. SB-126				
Station: 1681+98					Offset: 39.5' Right				
Ground Surface Elev. 416.7					Coring Barrel Type & Size NX Double Swivel-10 ft				
					Core Diameter 2.0 in				
					Top of Rock Elev. 301.2				
					Begin Core Elev. 301.2				
RUN 2 (-125.5' to -128.0') Mississippian System, Valmeyeran Series Limestone									
Light gray to gray with horizontal bedding. Fine grained with some voring & chert replacement. Horizontal fractures @ -126.1', -126.5', -127.0', -127.3', -127.6' & -127.8'.									
291.2									
2 100.0 56.0 n/a 1100.0 -125.5									
RUN 3 (-128.0' to -131.0') Mississippian System, Valmeyeran Series Limestone									
Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Horizontal fractures @ -128.3', -128.5', -128.9', -129.0', -129.4', -129.7', -130.0', -130.4' & -130.7'.									
288.7									
3 100.0 38.3 n/a n/a									
-135.5									
-135									

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

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SB-129

SOIL BORING LOG	PAGE 4 of 4 DATE 5/7-8/2009 LOGGED BY DR GSI JOB No. 08201																											
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08																												
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3																												
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic																												
STRUCT. NO. 082-0329 Station: --																												
BORING NO. SB-129																												
Station: 1681+48																												
Offset: 80.5' Left																												
Ground Surface Elev. 416.8																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">DEPT</th> <th style="font-size: small;">BLOW</th> <th style="font-size: small;">UCS</th> <th style="font-size: small;">MOIST</th> <th style="font-size: small;">Surface Water Elev.</th> <th style="font-size: small;">DEPT</th> <th style="font-size: small;">BLOW</th> <th style="font-size: small;">UCS</th> <th style="font-size: small;">MOIST</th> </tr> <tr> <th style="font-size: x-small;">H</th> <th style="font-size: x-small;">S</th> <th style="font-size: x-small;">Qu</th> <th style="font-size: x-small;">T</th> <th style="font-size: x-small;">(ft)</th> <th style="font-size: x-small;">H</th> <th style="font-size: x-small;">S</th> <th style="font-size: x-small;">Qu</th> <th style="font-size: x-small;">T</th> </tr> <tr> <td></td> <td>(/6")</td> <td>(tsf)</td> <td>(%)</td> <td></td> <td>(ft)</td> <td>(/6")</td> <td>(tsf)</td> <td>(%)</td> </tr> </table>	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST	H	S	Qu	T	(ft)	H	S	Qu	T		(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)	
DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST																				
H	S	Qu	T	(ft)	H	S	Qu	T																				
	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)																				
RUN 1 -122.1', -122.8', -123.0', -124.1', -125.2', -125.8', -126.3' & -126.4'. Recovery=100.0% R.Q.D.=89.3%		-126.5																										
RUN 1 (-126.5' to -131.5') Mississippi System, Valmeyeran Series Limestone Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Numerous horizontal fractures throughout. Recovery=100.0% R.Q.D.=22.0%		-131.5																										
End Of Boring @ -131.5' Hollow Stem Augers To -10.0' Rotary Drilling To Completion CME Automatic Hammer 10' Of 4" Casing Used		-135																										

SB-129 Run-1

ROCK CORE LOG	PAGE 1 of 2 DATE 5/7-8/2009 LOGGED BY DR GSI JOB No. 08201
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08	
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3	
COUNTY St. Clair CORING METHOD Rotary Wash	
STRUCT. NO. 082-0329 Station: --	
BORING NO. SB-129	
Station: 1681+48	
Offset: 80.5' Left	
Ground Surface Elev. 416.8	
CORING BARREL TYPE & SIZE NX Double Swivel-10 ft	
Core Diameter 2.0 in	
Top of Rock Elev. 300.8	
Begin Core Elev. 300.3	
RUN 1 (-116.5' to -126.5') Mississippi System, Valmeyeran Series Limestone	
Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -117.1', -117.5', -118.3', -119.5', -119.7', -120.4', -120.7', -121.5', -122.1', -122.8', -123.0', -124.1', -125.2', -125.8', -126.3' & -126.4'.	
	300.3
	-121.5
	-126.5

SB-129 Run-2

ROCK CORE LOG	PAGE 2 of 2 DATE 5/7-8/2009 LOGGED BY DR GSI JOB No. 08201
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08	
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3	
COUNTY St. Clair CORING METHOD Rotary Wash	
STRUCT. NO. 082-0329 Station: --	
BORING NO. SB-129	
Station: 1681+48	
Offset: 80.5' Left	
Ground Surface Elev. 416.8	
CORING BARREL TYPE & SIZE NX Double Swivel-10 ft	
Core Diameter 2.0 in	
Top of Rock Elev. 300.8	
Begin Core Elev. 300.3	
RUN 1 (-126.5' to -131.5') Mississippi System, Valmeyeran Series Limestone	
Light gray to gray with horizontal bedding. Fine grained with some chert replacement. Numerous horizontal fractures throughout.	
	290.3
	-131.5
	-136.5

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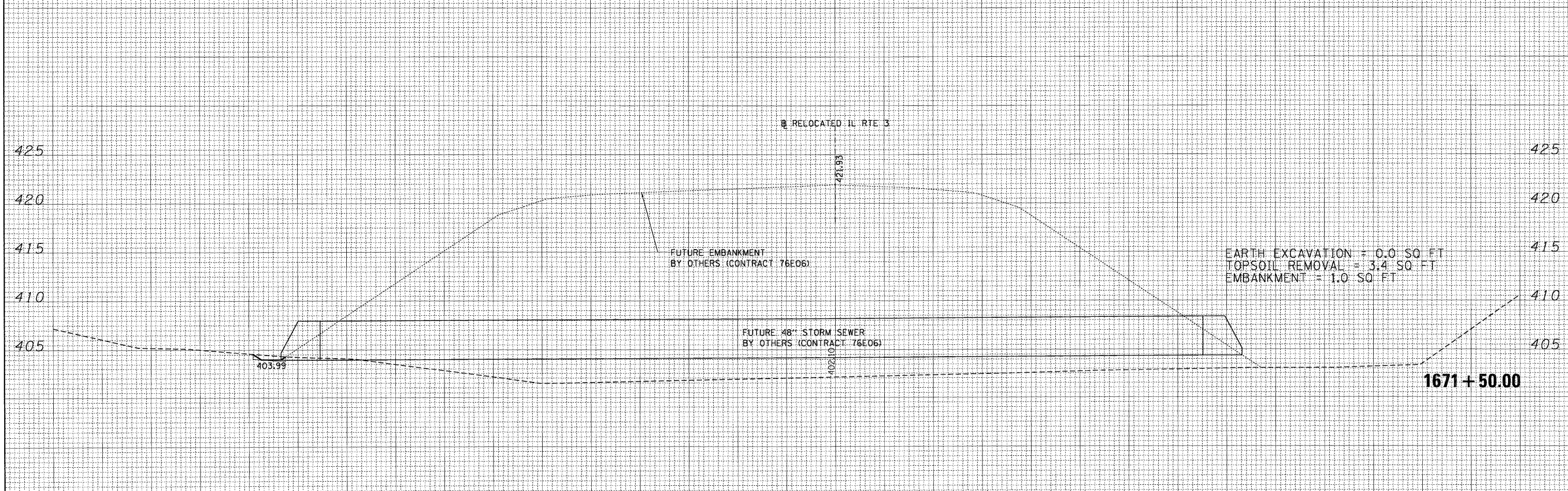
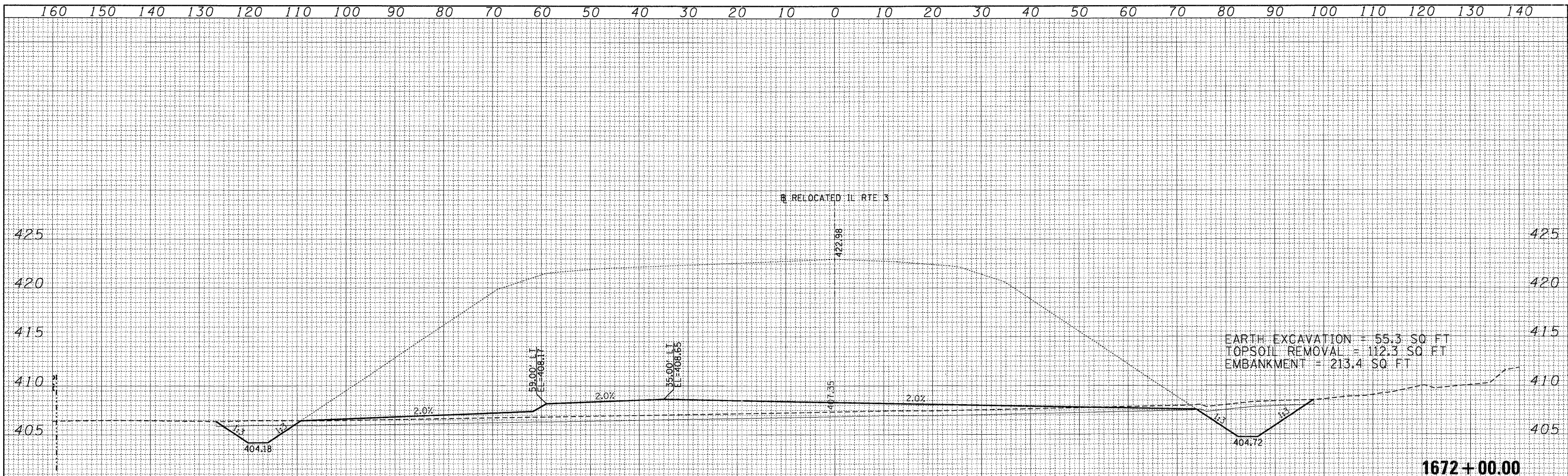
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B=Bulge, S=Shear, F=Penetrometer) ST=Shelby Tube Sample VS=Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) The Unit Dry Weight (pcf) is noted in Italic above moist (%)
 NR-No Recovery

Color pictures of the cores Yes _____ Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

Color pictures of the cores Yes _____ Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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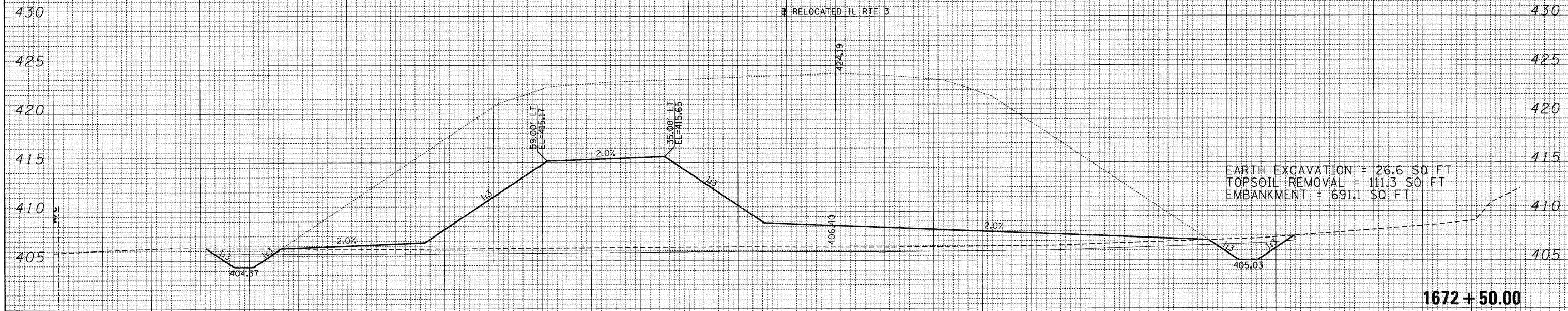
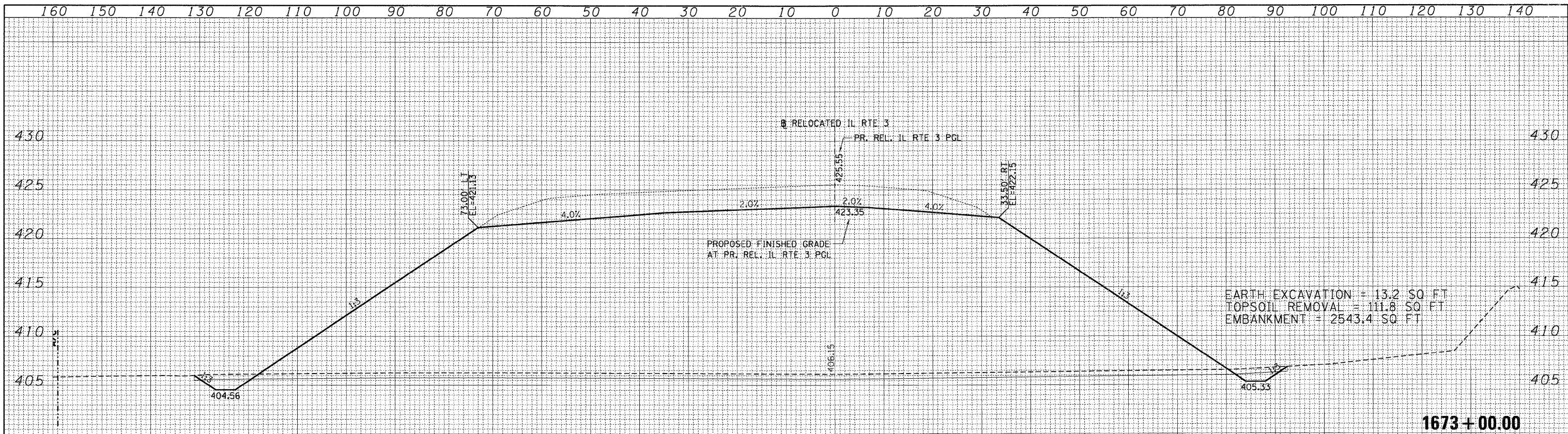
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PLOT DATE = *DATE*		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLotted	BY
NO.	AREAS CHECKED	

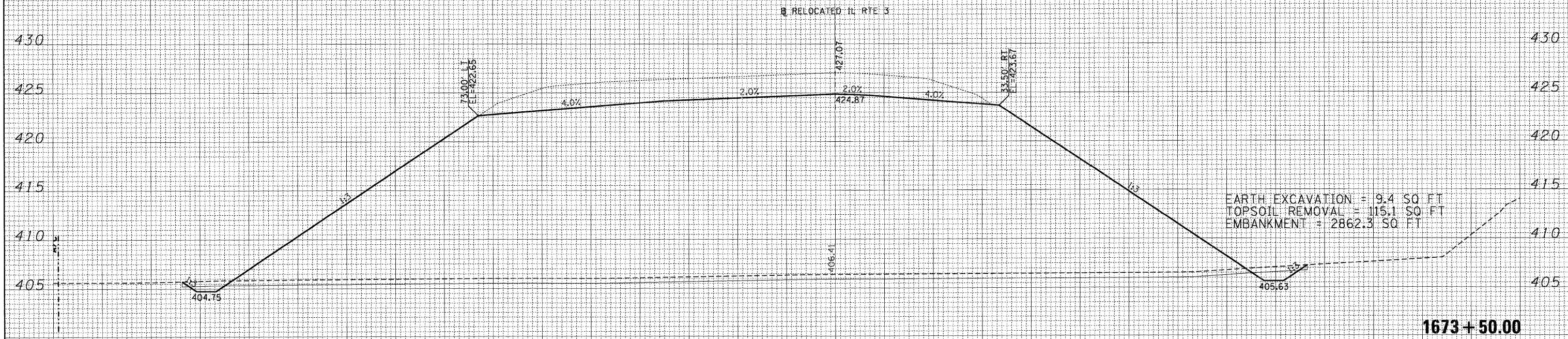
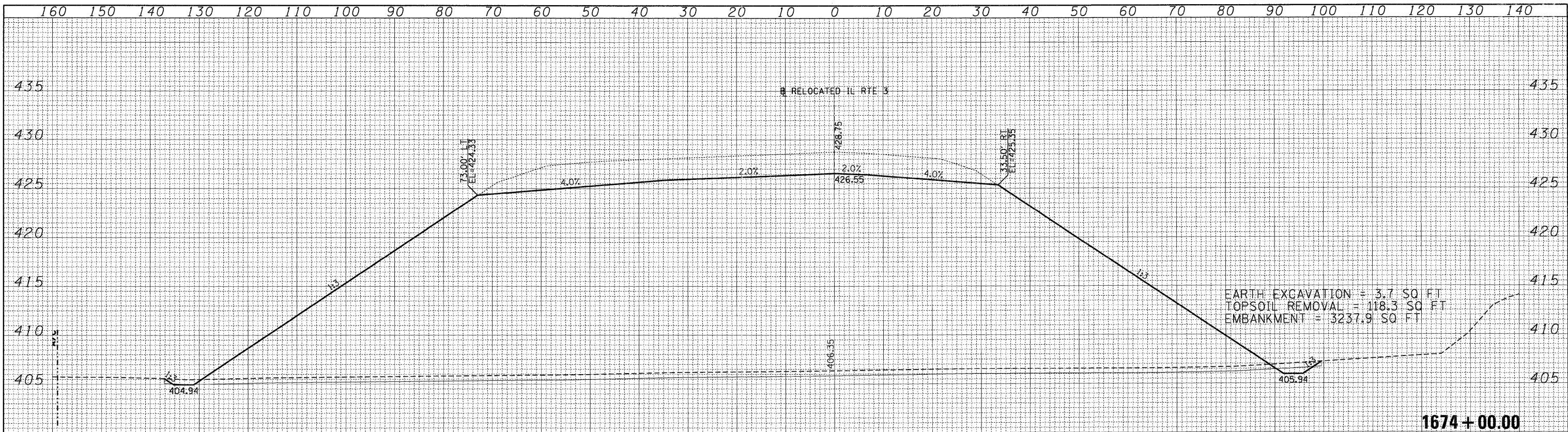
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NOTE BOOK	PLotted	BY
NO.	AREAS CHECKED	



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		DATE - 05/13/11	REVISED -											
										CONTRACT NO. 76D05 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
SUBMITTED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

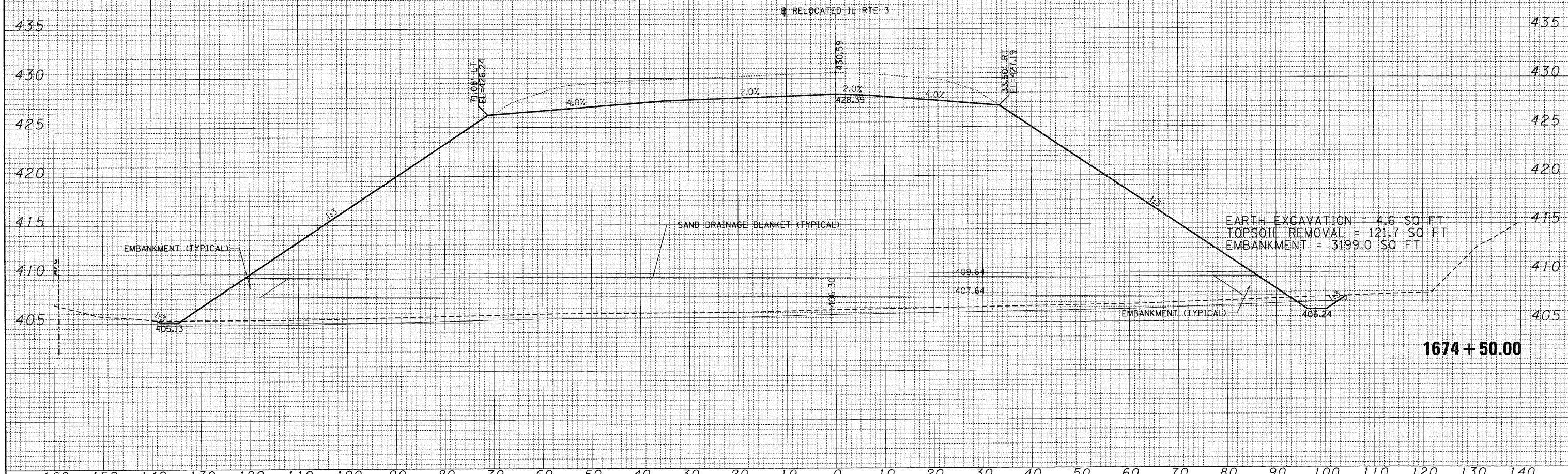
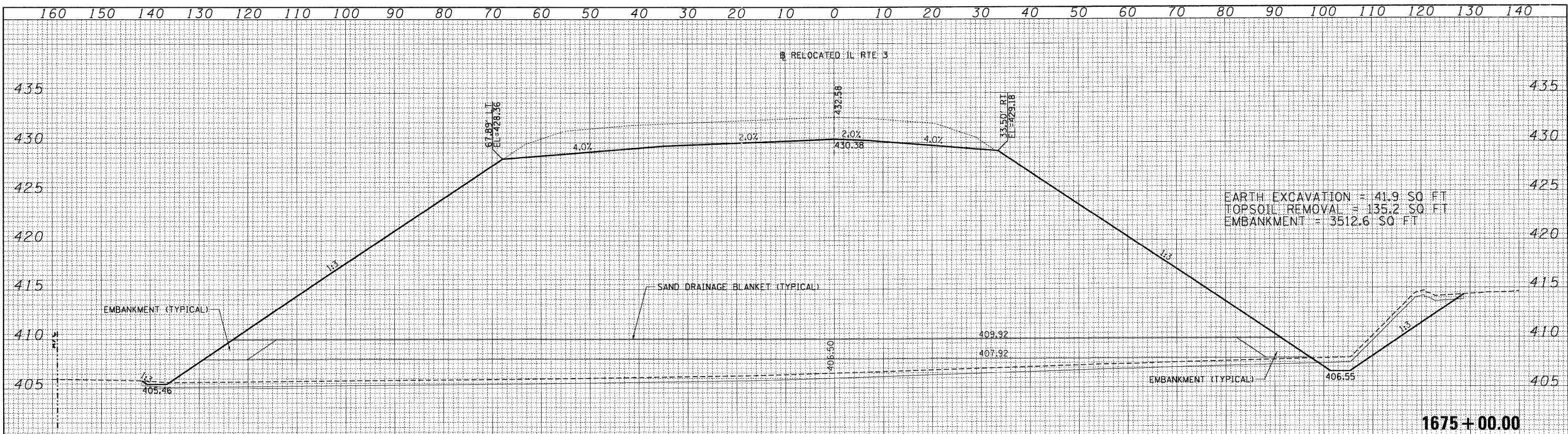
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SUBMITTED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



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		CHECKED - ACL	REVISED -												
		DATE - 05/13/11	REVISED -												
											CONTRACT NO. 76D05			ILLINOIS FED. AID PROJECT	

DATE	
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TEMPLATE	
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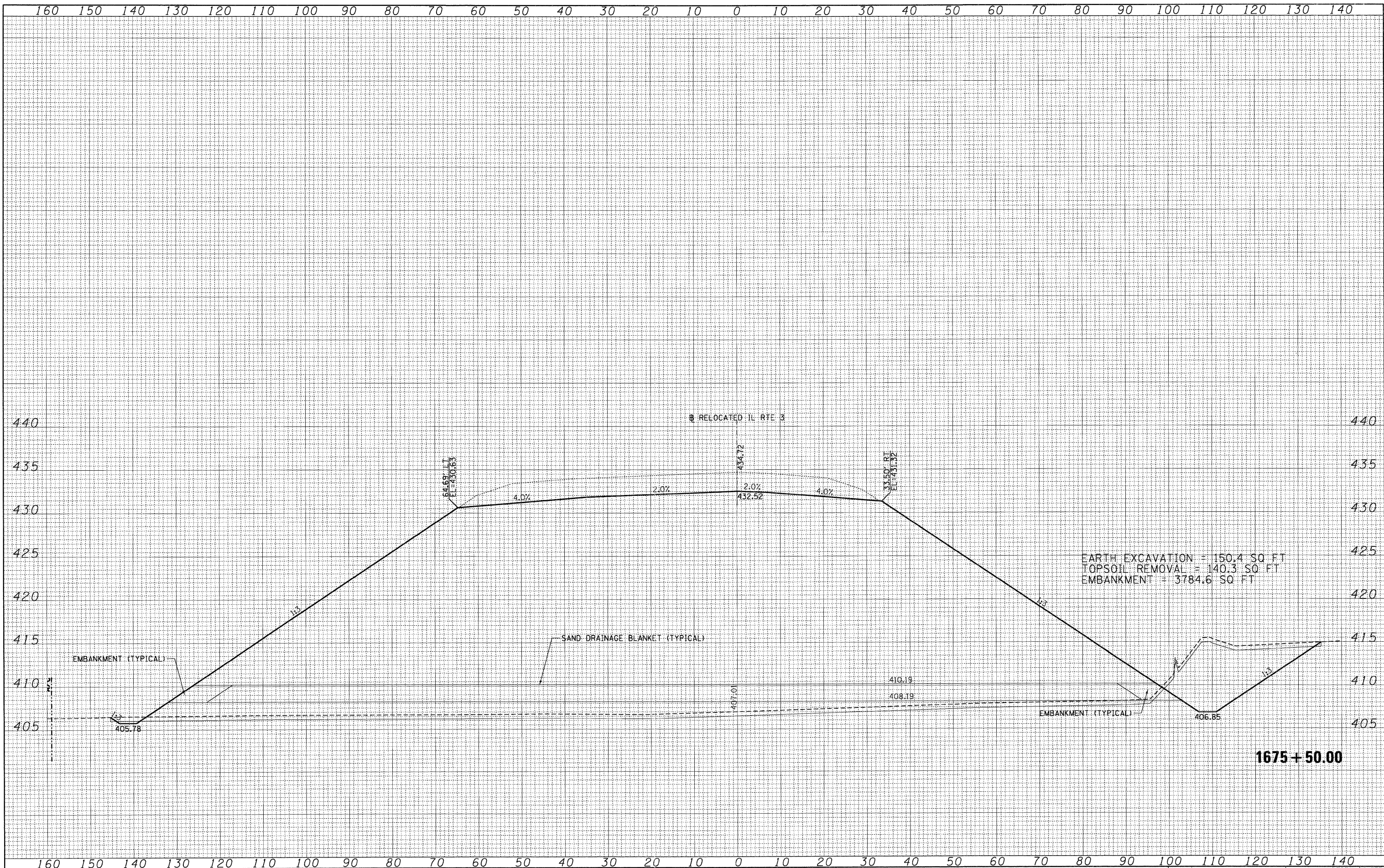
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		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY NO. & BOOK NO.	SURVEY PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

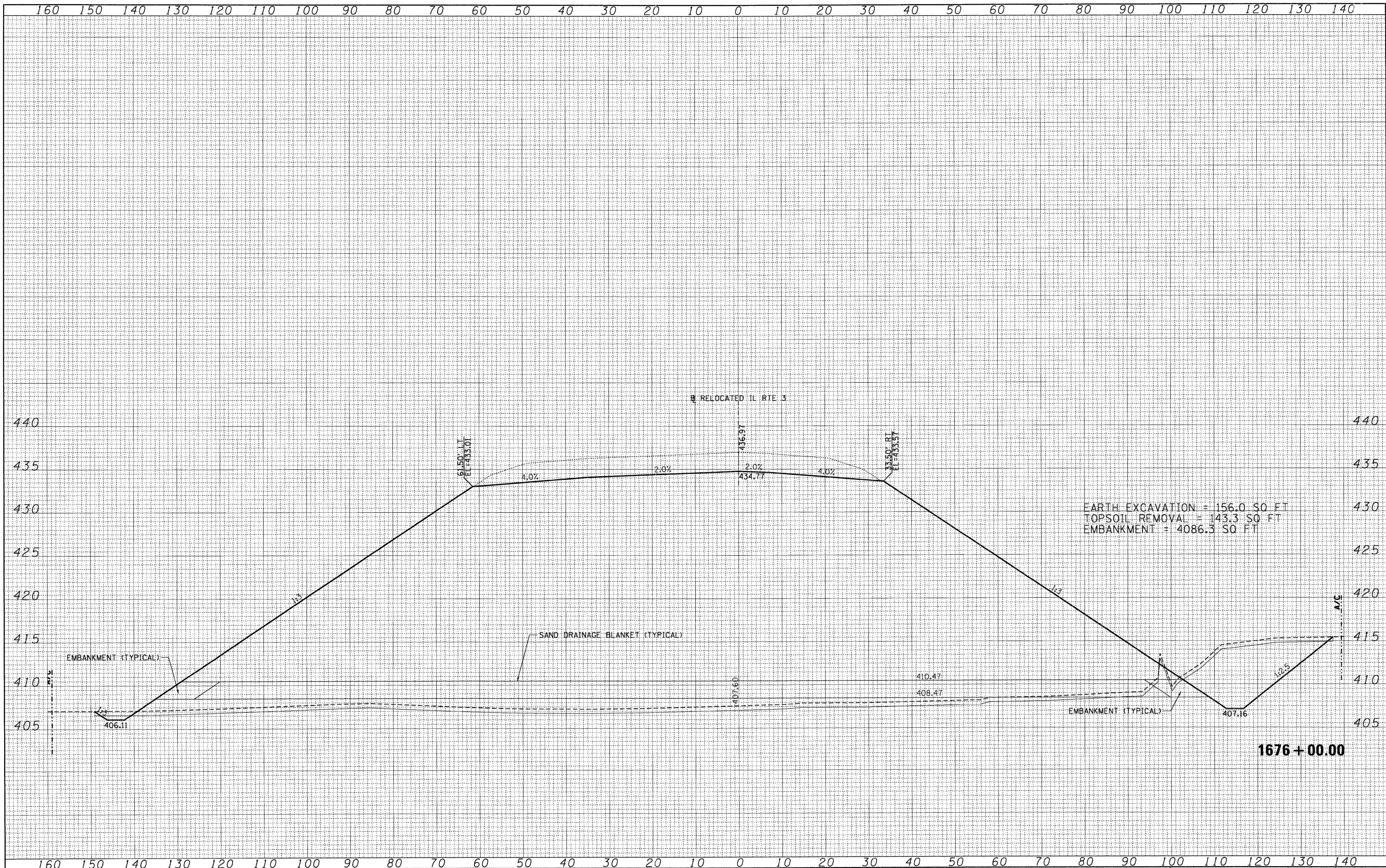
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FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = *DATE*		DATE - 05/13/11	REVISED -					ILLINOIS FED. AID PROJECT								

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

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



EARTH EXCAVATION = 156.0 SQ FT
 TOPSOIL REMOVAL = 143.3 SQ FT
 EMBANKMENT = 4086.3 SQ FT

FILE NAME =
FILE

USER NAME = *USER*	DESIGNED - JB	REVISED -
	DRAWN - AG	REVISED -
PLOT SCALE = *SCALE*	CHECKED - ACL	REVISED -
PLOT DATE = *DATE*	DATE - 05/13/11	REVISED -

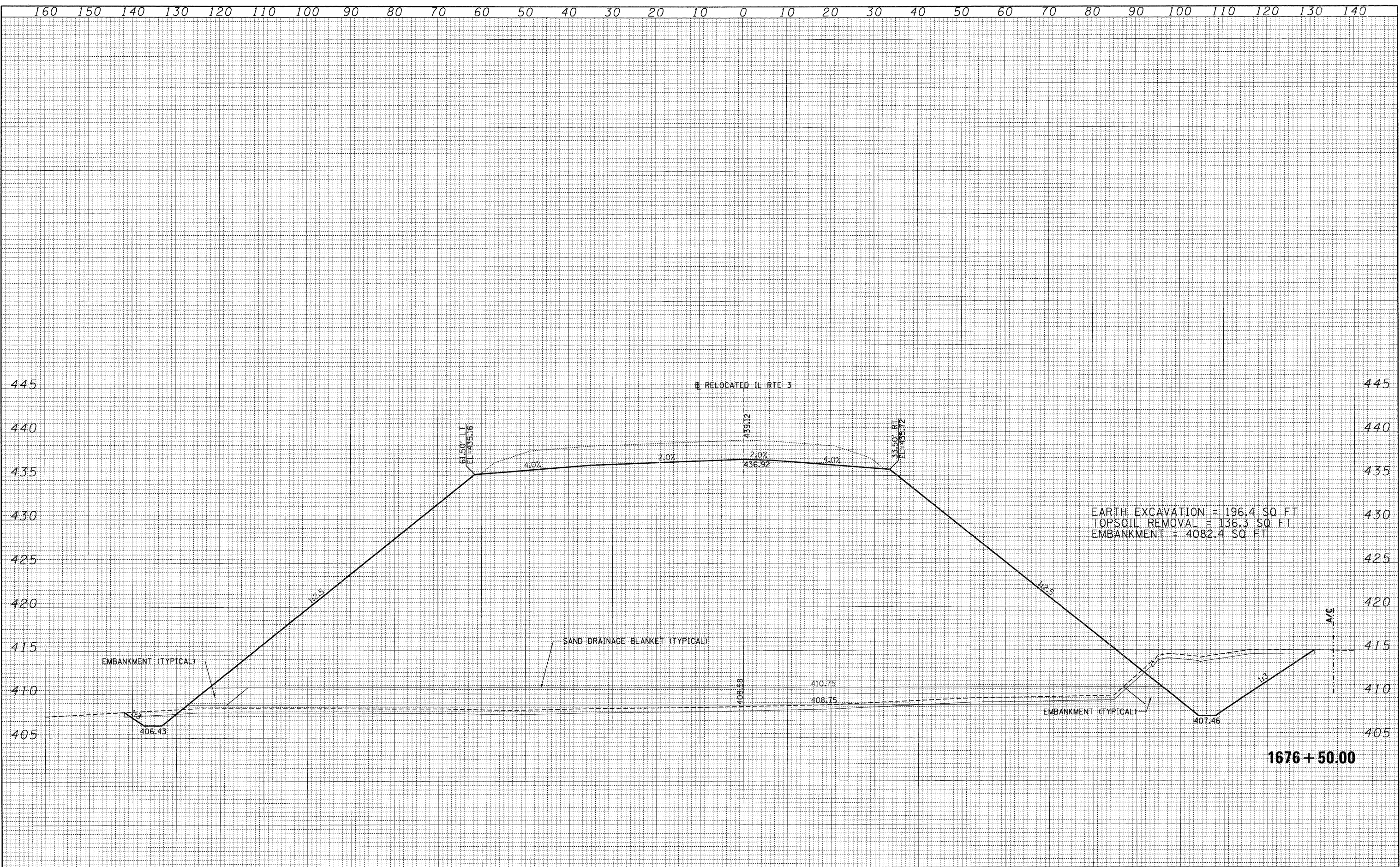
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RELOCATED IL ROUTE 3			
SCALE:	SHEET NO.	OF SHEETS	STA. 1676+00.00 TO STA. 1676+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	318
CONTRACT NO. 76D05				
ILLINOIS FED. AID PROJECT				

DATE	
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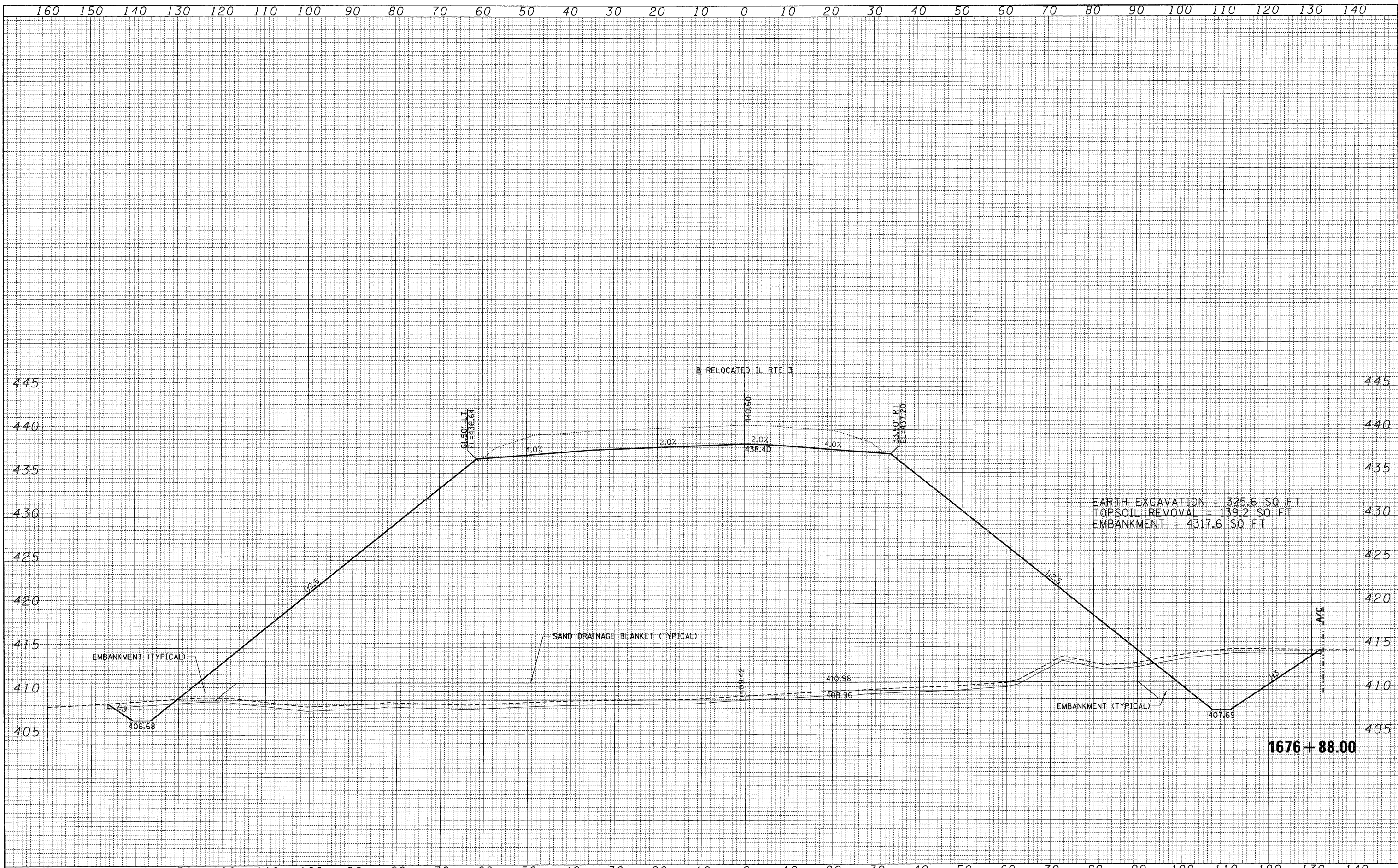
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FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR	TOTAL SHEETS 345	SHEET NO. 319
#FILE#	PLOT SCALE = *SCALE*	DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 1676+50.00	TO STA. 1676+50.00	CONTRACT NO. 76D05		
	PLOT DATE = *DATE*	CHECKED - ACL	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 05/13/11	REVISED -										

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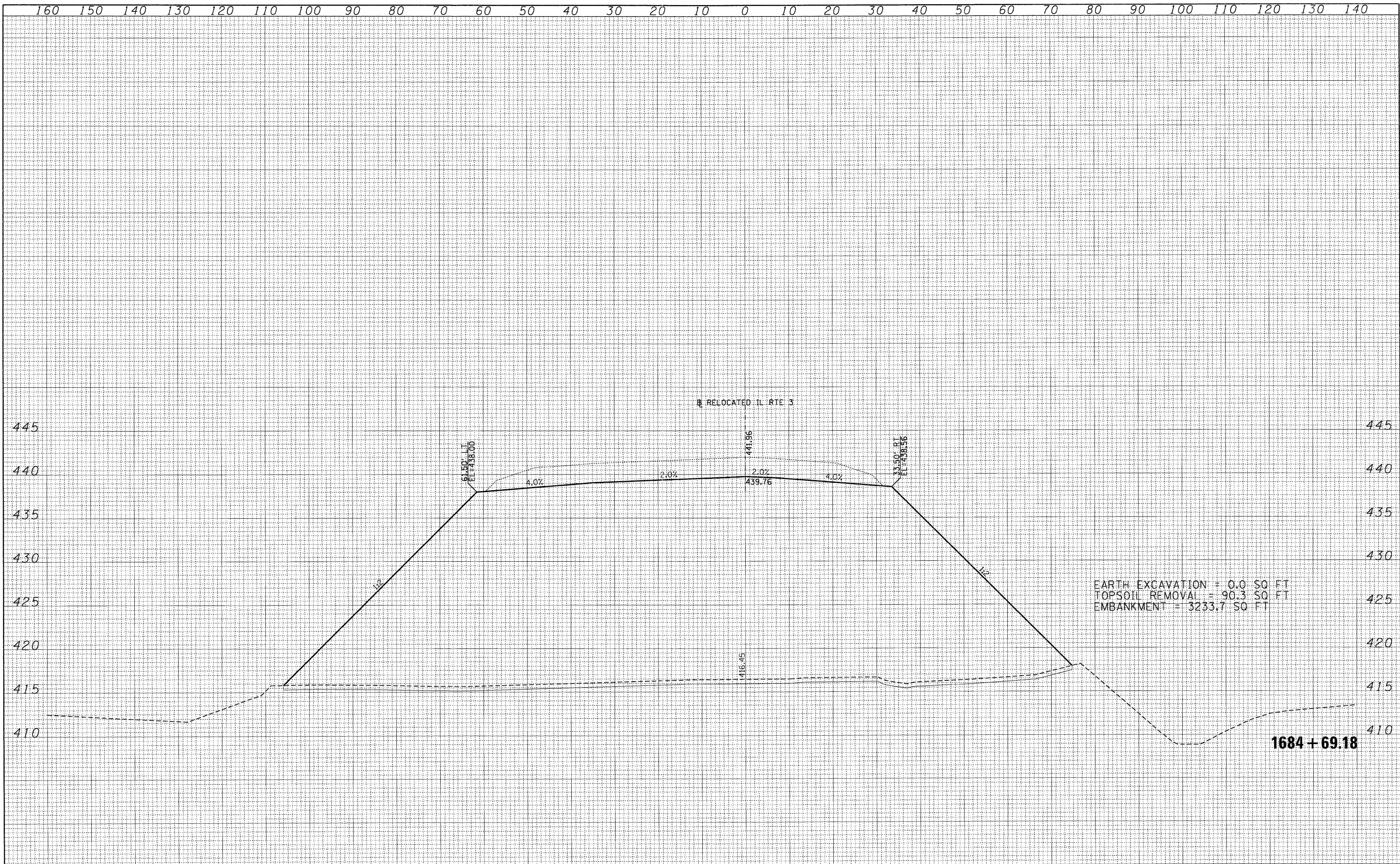
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FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - AG	REVISED -		998	82-2-1HVB-1	ST. CLAIR	345	320				
PLOT SCALE = *SCALE*		CHECKED - ACL	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 1676+88.00 TO STA. 1676+88.00				CONTRACT NO. 76D05				
PLOT DATE = *DATE*		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY NO.	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS	
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ORIGINAL SURVEY NO.	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
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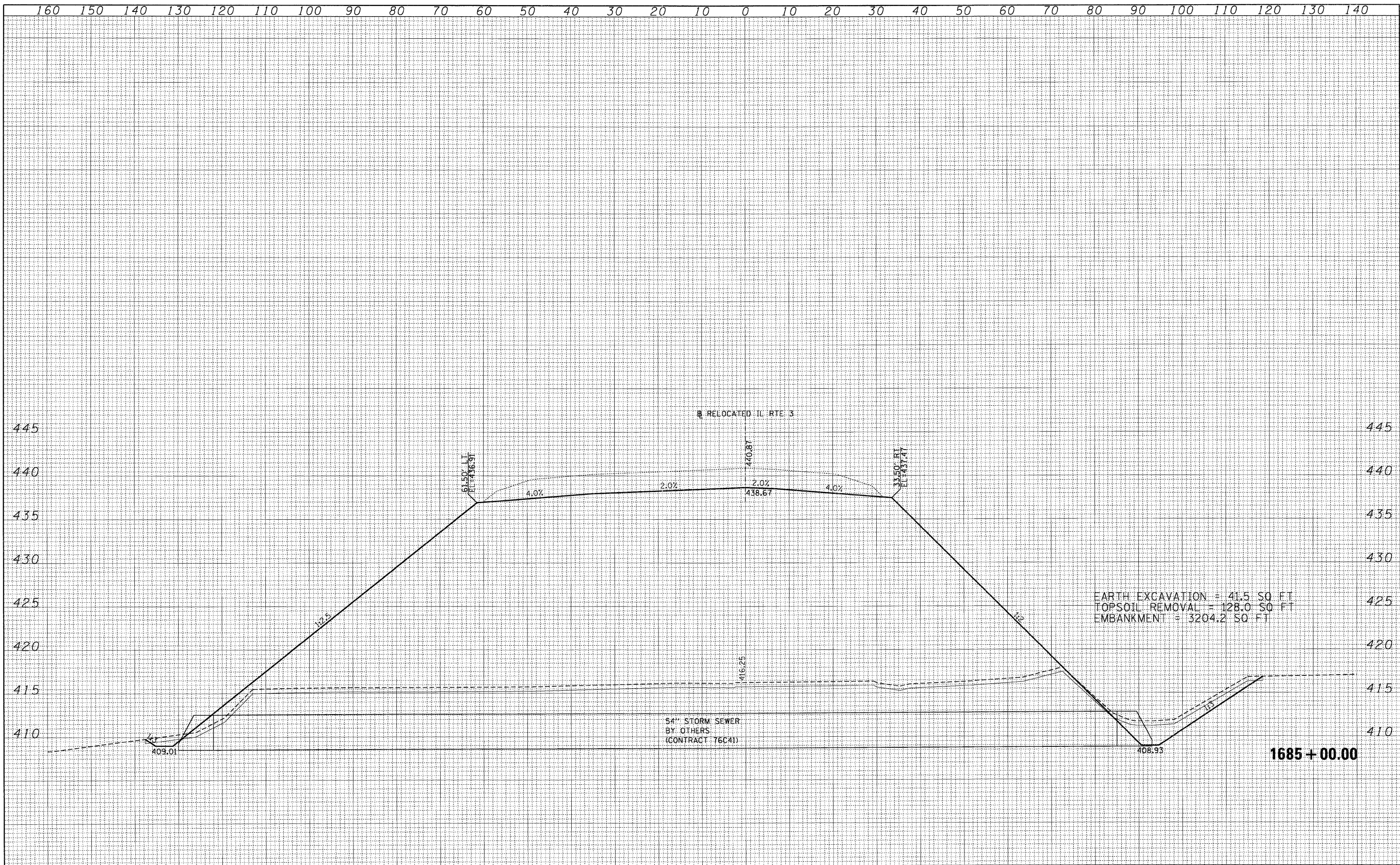


EARTH EXCAVATION = 0.0 SQ FT
 TOPSOIL REMOVAL = 90.3 SQ FT
 EMBANKMENT = 3233.7 SQ FT

FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE		DRAWN - AG	REVISED -		998	82-2-1HVB-1	ST. CLAIR	345	321				
	PLOT SCALE = *SCALE*	CHECKED - ACL	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 1684+69.18 TO STA. 1684+69.18				CONTRACT NO. 76D05				
	PLOT DATE = *DATE*	DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY	REVISIONS	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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NOTE BOOK	PLOTTED	
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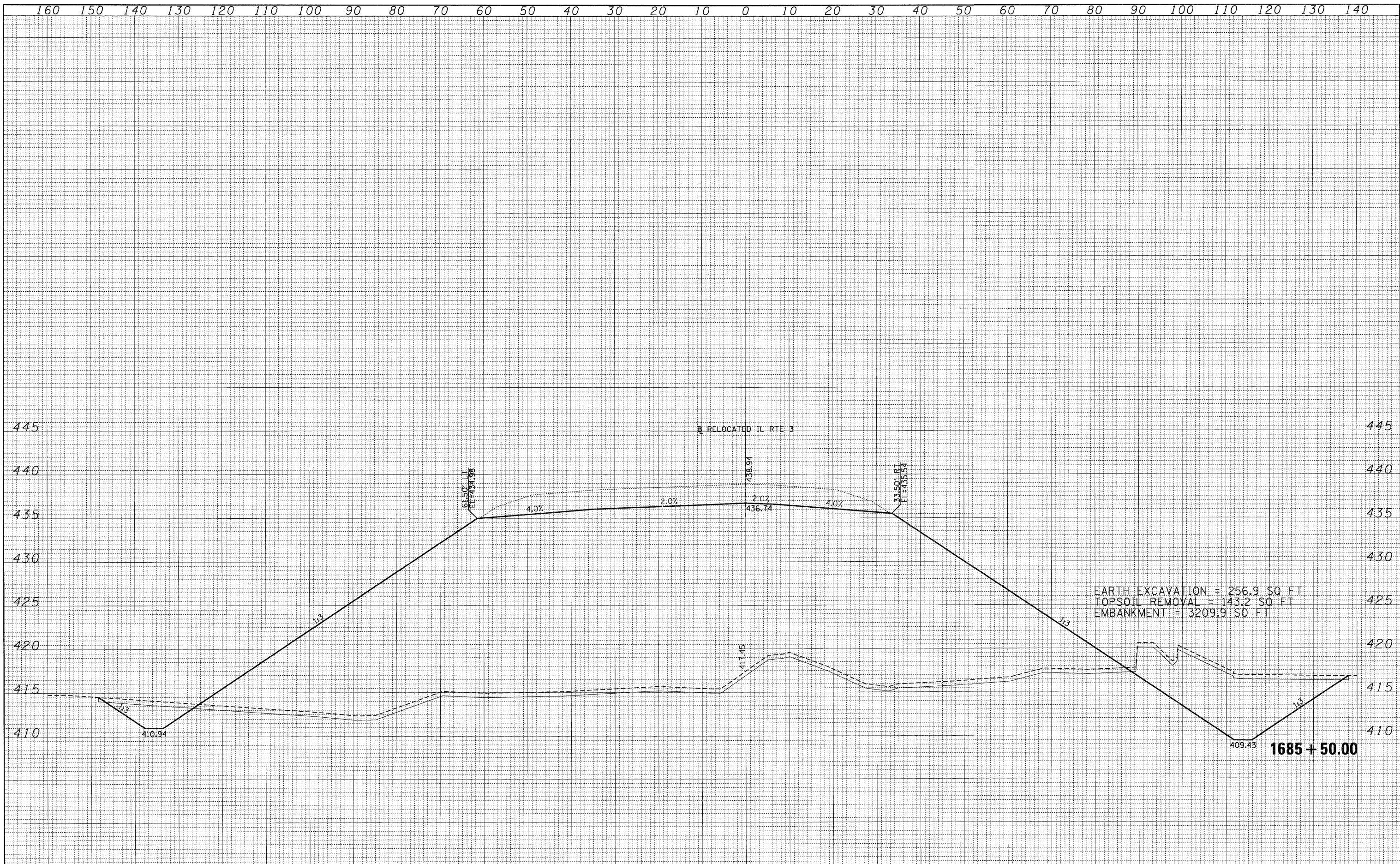
EARTH EXCAVATION = 41.5 SQ FT
TOPSOIL REMOVAL = 128.0 SQ FT
EMBANKMENT = 3204.2 SQ FT

1685 + 00.00

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE#	DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY NO.	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
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ORIGINAL SURVEY NO.	SUBMITTED	DATE
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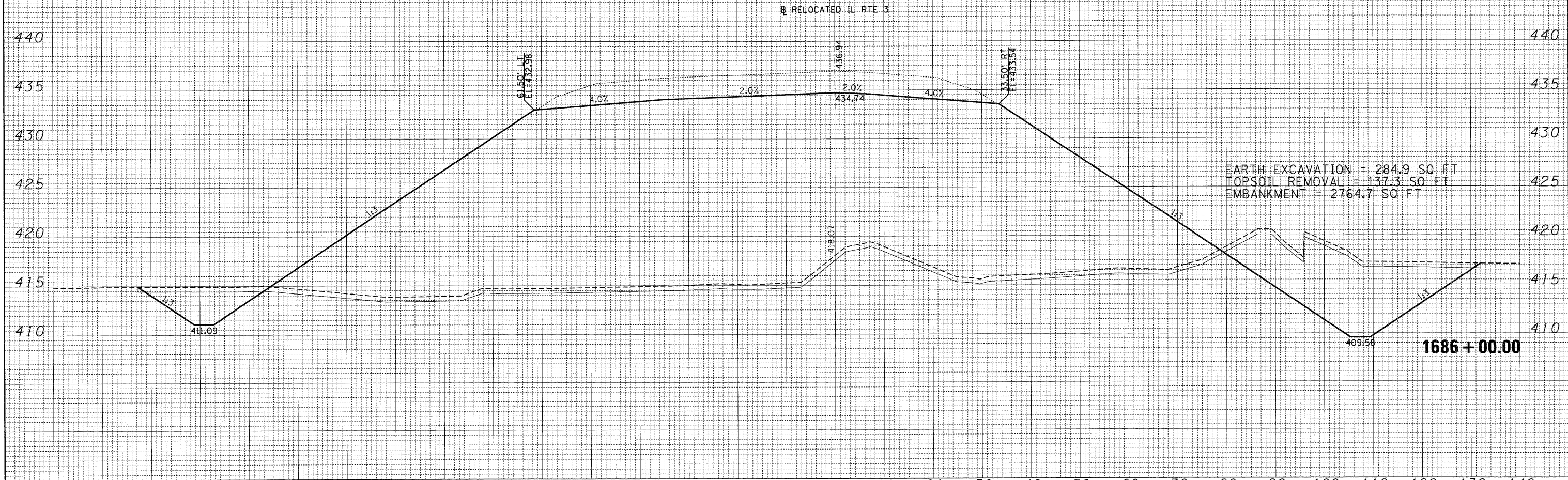
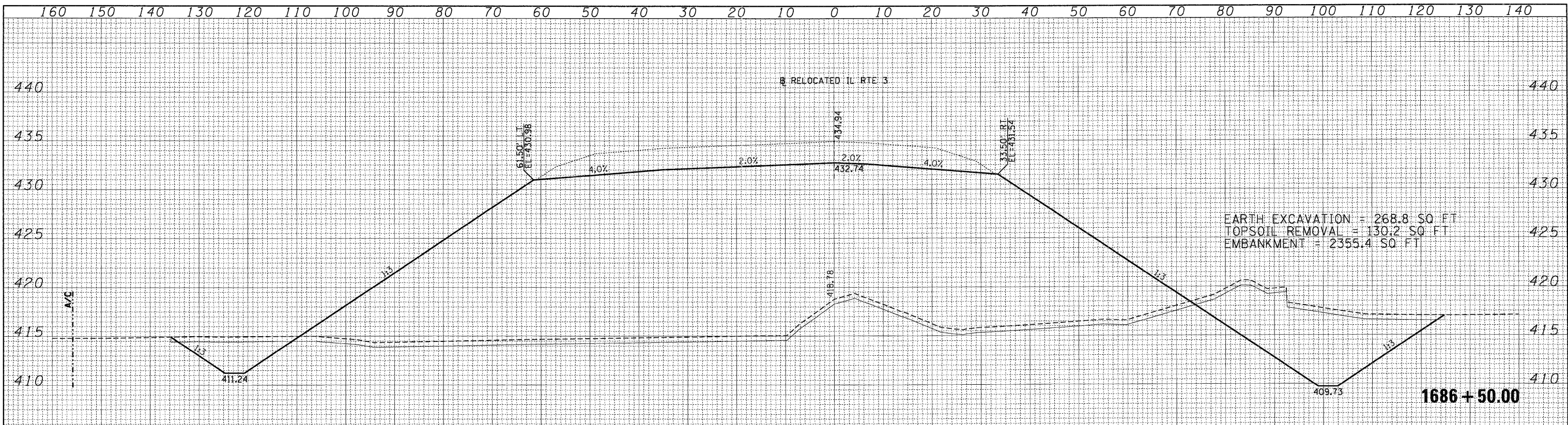


EARTH EXCAVATION = 256.9 SQ FT
 TOPSOIL REMOVAL = 143.2 SQ FT
 EMBANKMENT = 3209.9 SQ FT

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 1685+50.00	TO STA. 1685+50.00	998	82-2-1HVB-1	ST. CLAIR	345	323
		CHECKED - ACL	REVISED -												
		DATE - 05/13/11	REVISED -												
											CONTRACT NO. 76D05			ILLINOIS FED. AID PROJECT	

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
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SURVEY	PLOTTED		
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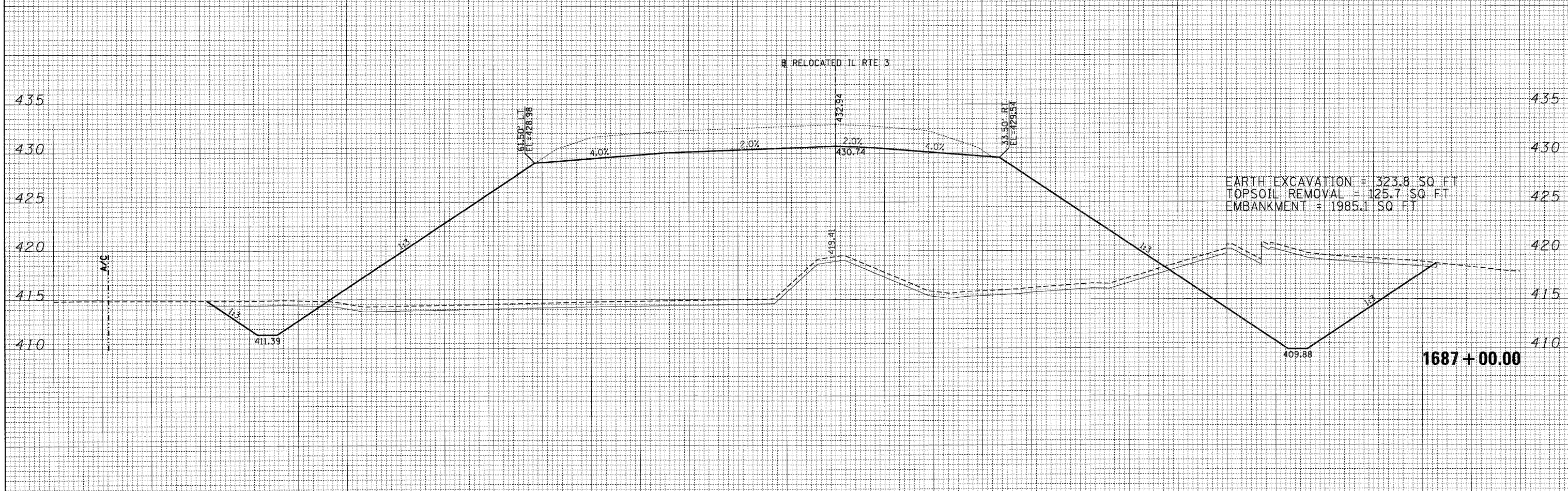
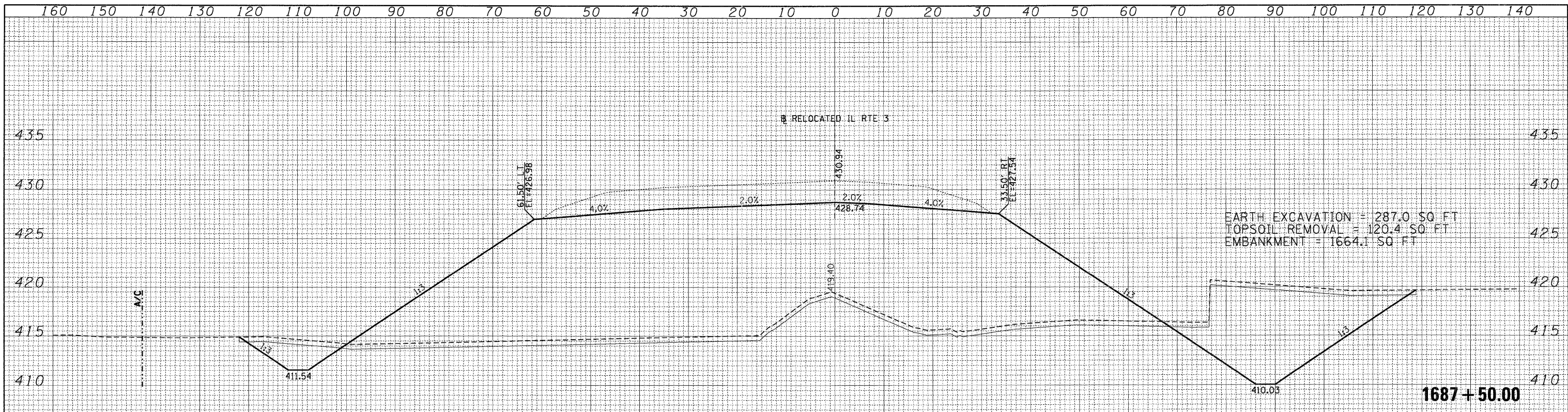


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*FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 1686+00.00 TO STA. 1686+50.00	998	82-2-1HVB-1	ST. CLAIR	345	324
		CHECKED - ACL	REVISED -											
		DATE - 05/13/11	REVISED -											

ILLINOIS FED. AID PROJECT

DATE	
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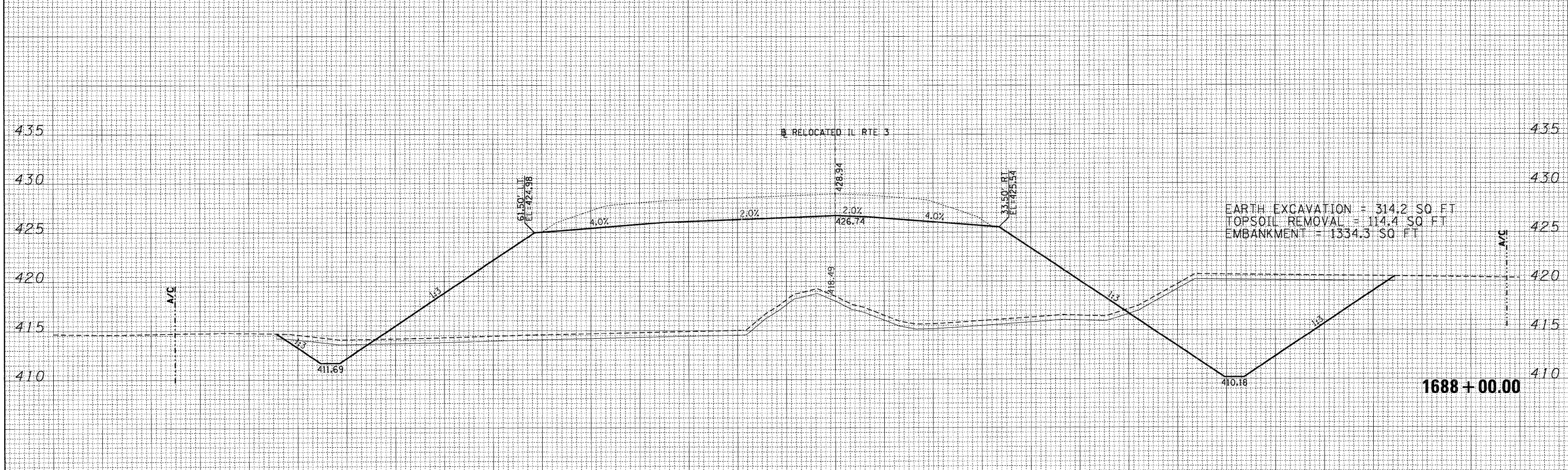
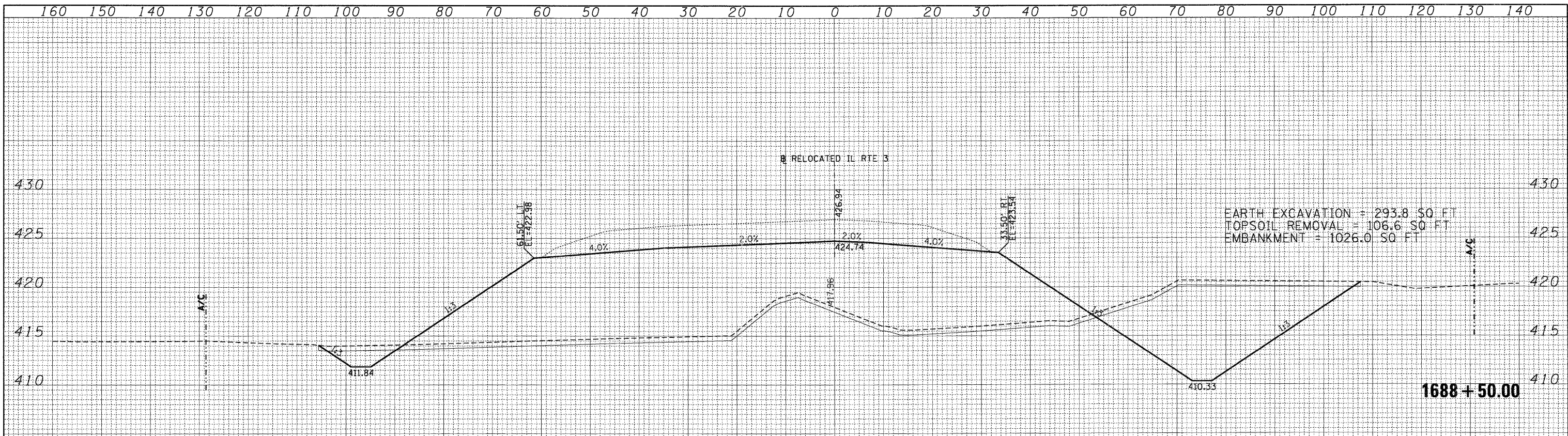


FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RELOCATED IL ROUTE 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 1687+00.00 TO STA. 1687+50.00	998	82-2-1HVB-1	ST. CLAIR	345	325
		CHECKED - ACL	REVISED -											
		DATE - 05/13/11	REVISED -											

ILLINOIS FED. AID PROJECT

FINAL	SURVEYED	DATE
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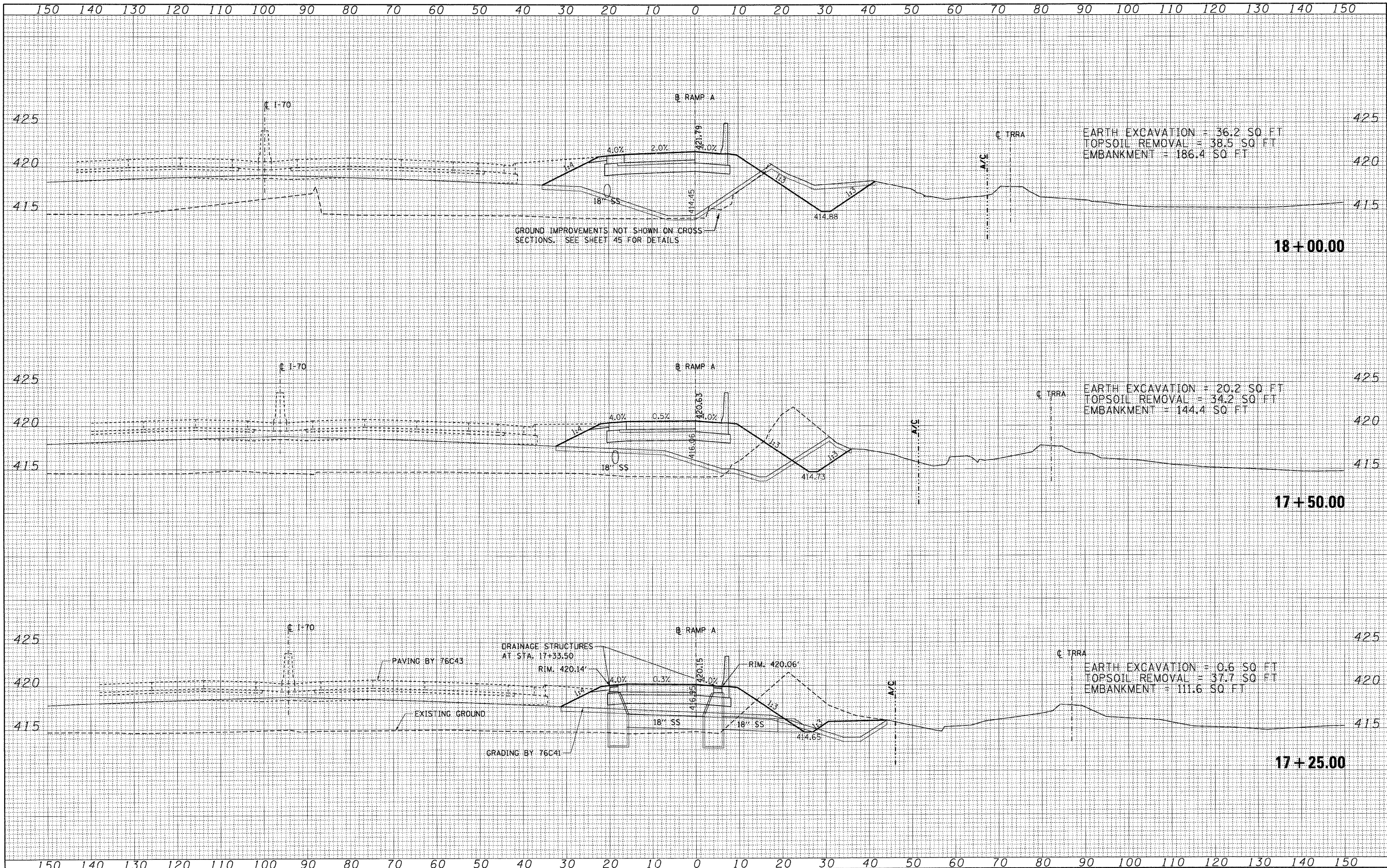
ORIGINAL	SURVEYED	DATE
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NOTE BOOK	TEMPLATE	
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FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	998	82-2-1HWB-1	ST. CLAIR	345	326
		CHECKED - ACL	REVISED -		STA. 1688+00.00 TO STA. 1688+50.00							
		DATE - 05/13/11	REVISED -									

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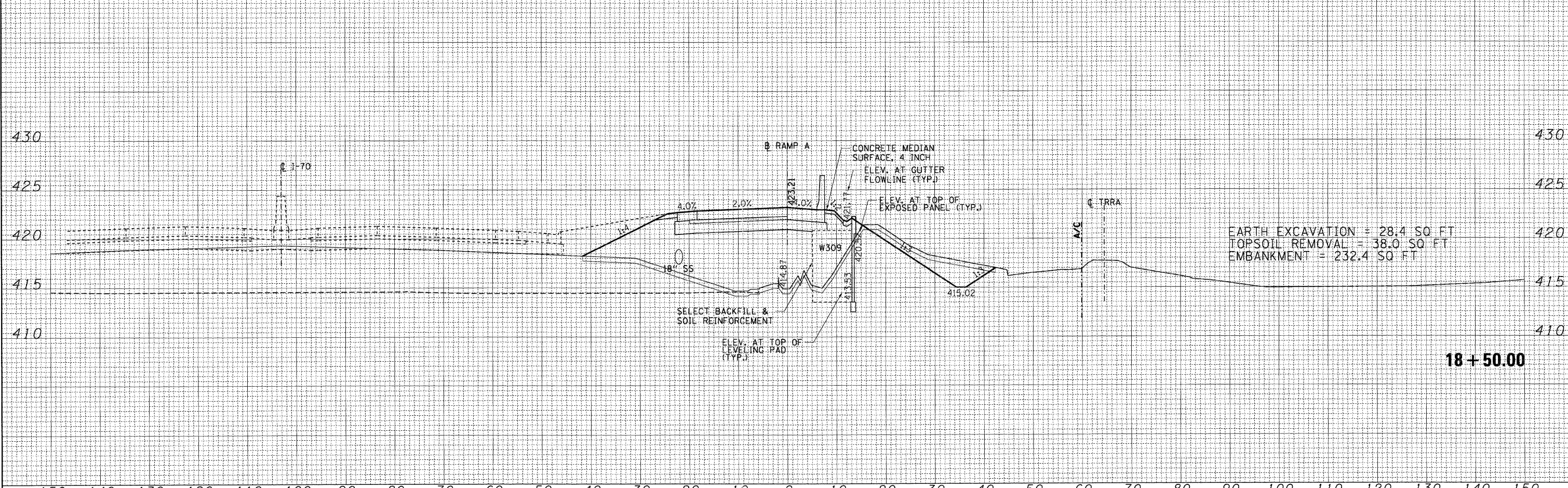
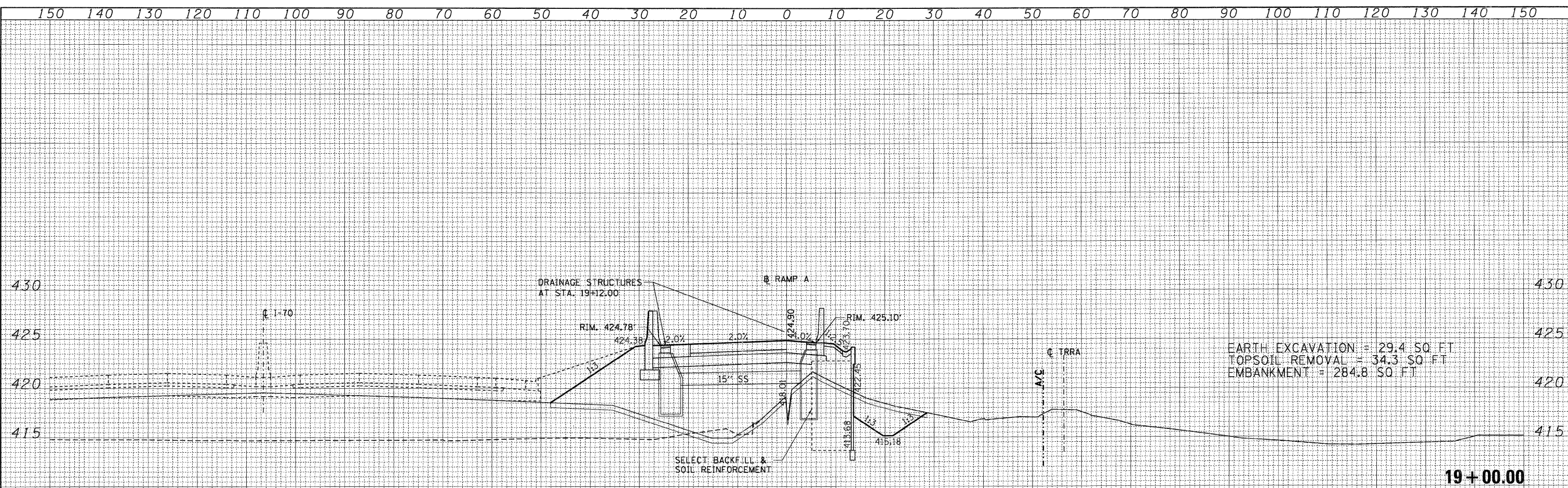
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PLOT SCALE = #SCALE#		CHECKED - ACL	REVISED -		CONTRACT NO. 76D05										
PLOT DATE = #DATE#		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT										

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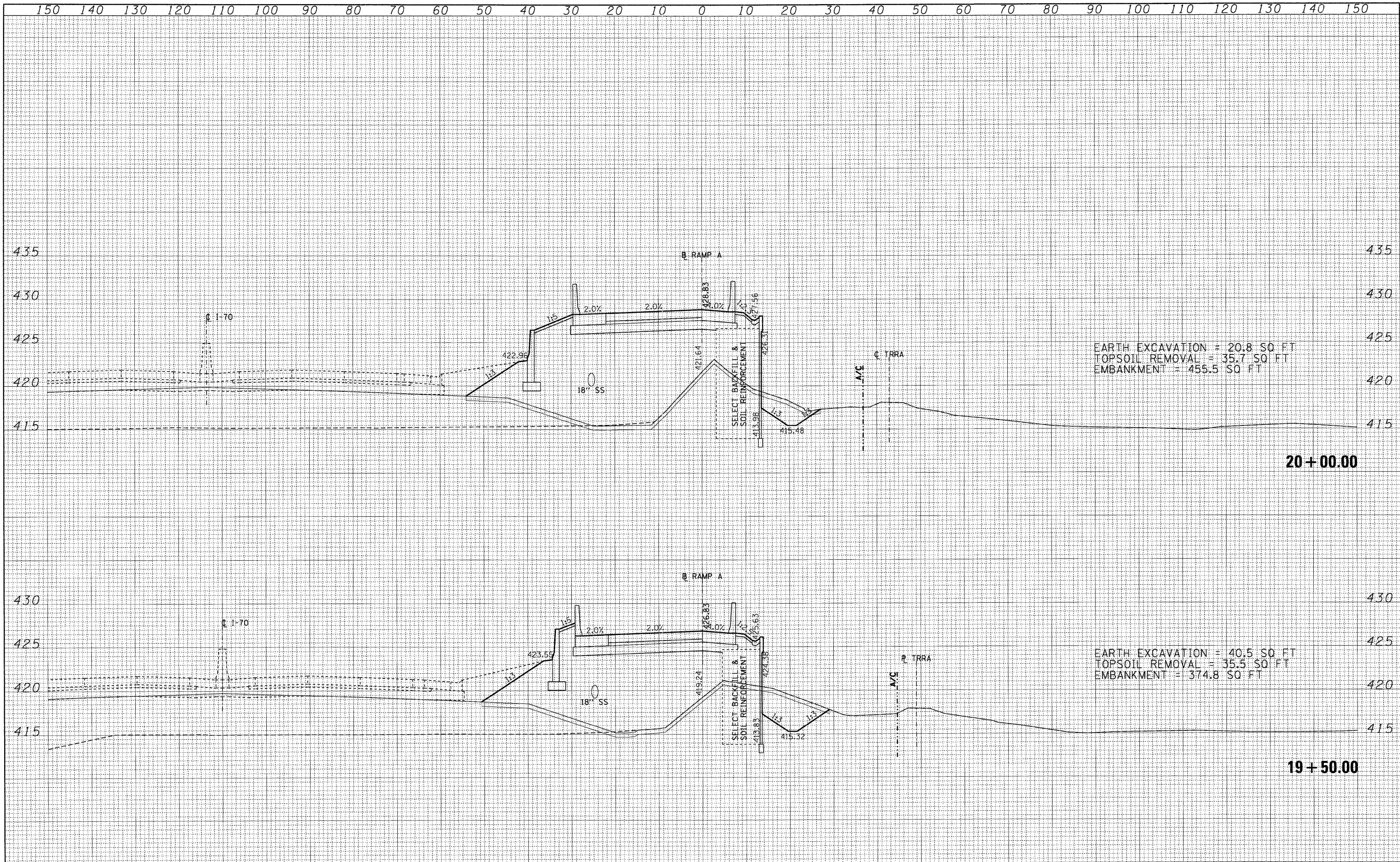
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FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP A				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED - ACL	REVISED -												
		DATE - 05/13/11	REVISED -												
												ILLINOIS FED. AID PROJECT			

FINAL	SURVEY	DATE
SURVEY	PLOTTED	BY
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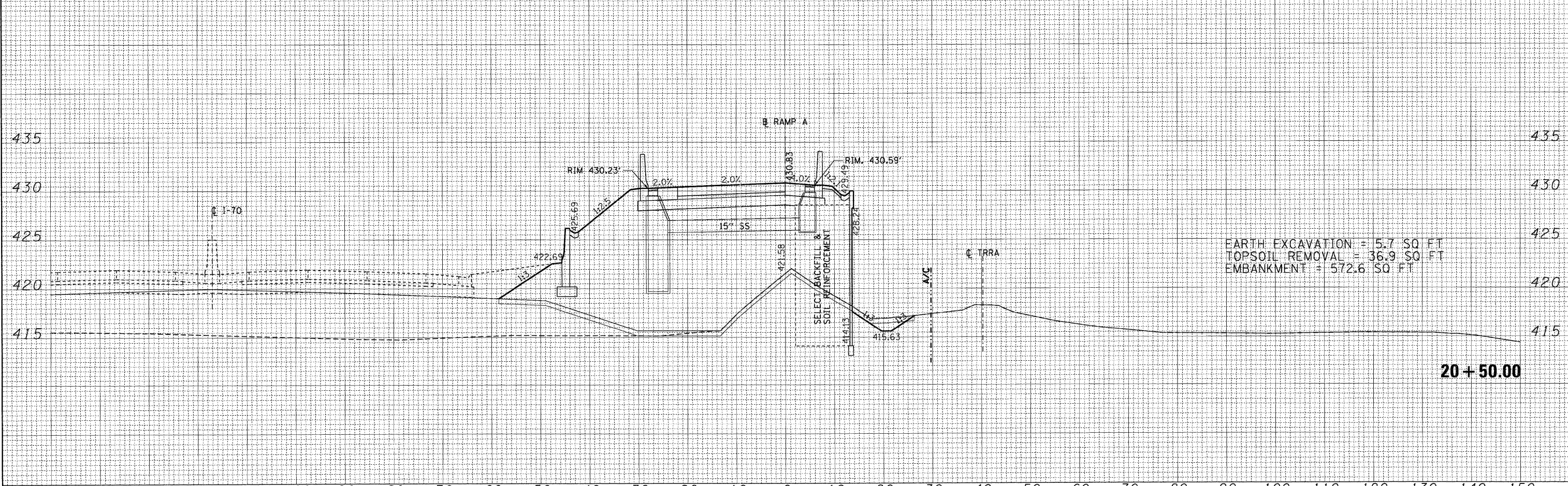
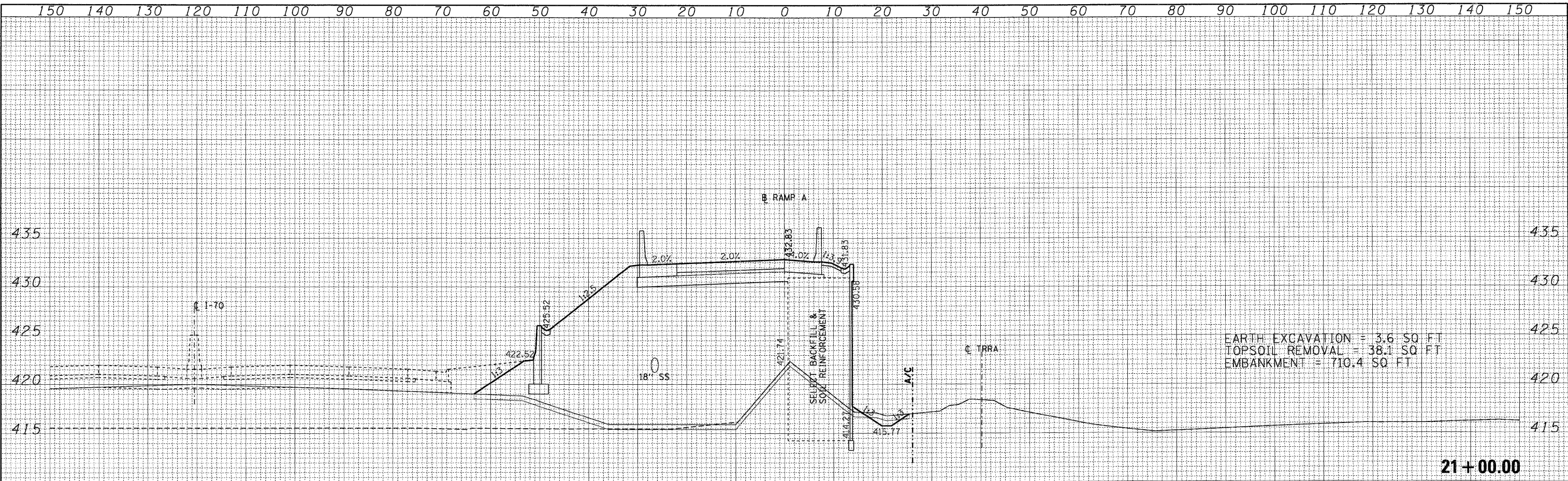
EARTH EXCAVATION = 20.8 SQ FT
 TOPSOIL REMOVAL = 35.7 SQ FT
 EMBANKMENT = 455.5 SQ FT

EARTH EXCAVATION = 40.5 SQ FT
 TOPSOIL REMOVAL = 35.5 SQ FT
 EMBANKMENT = 374.8 SQ FT

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

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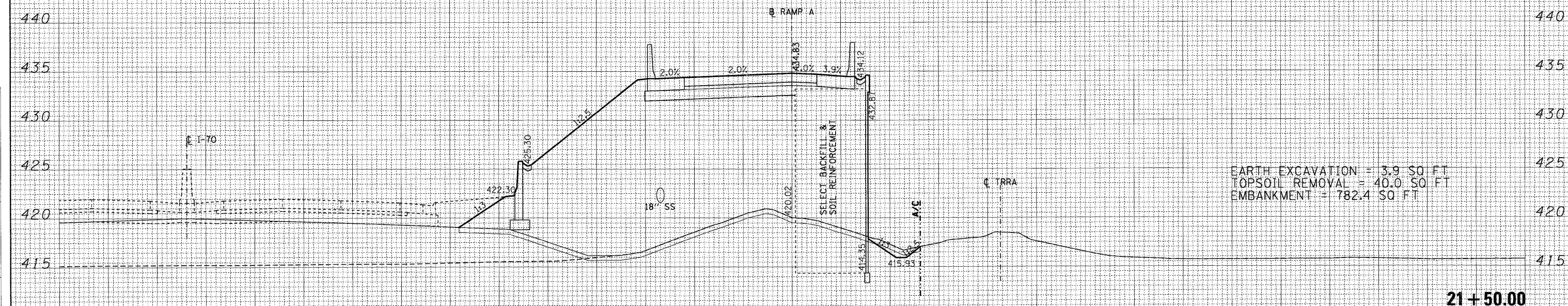
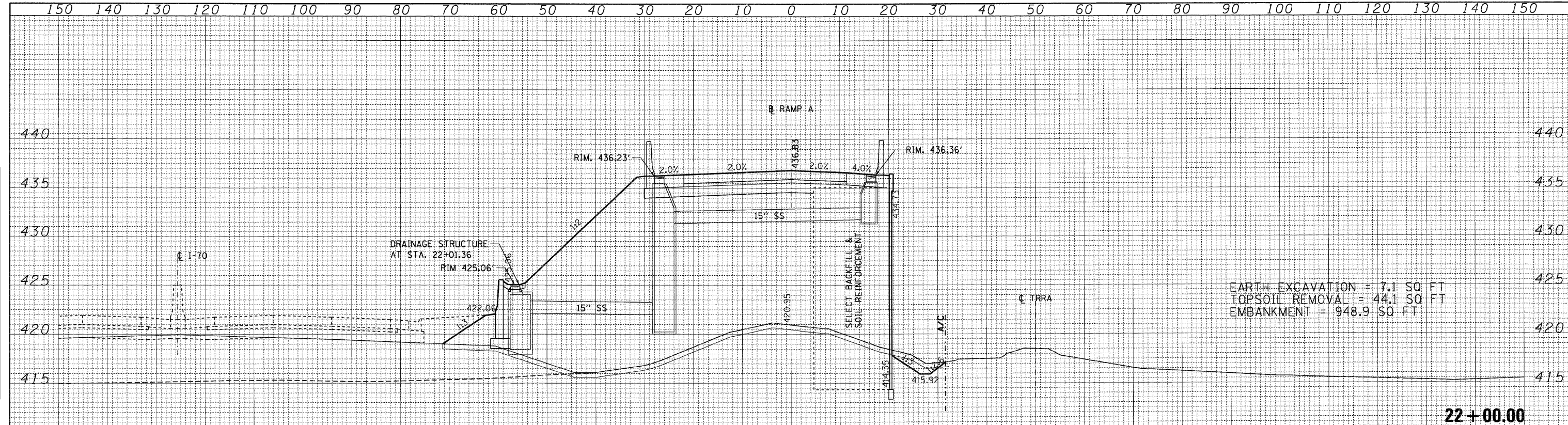
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FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

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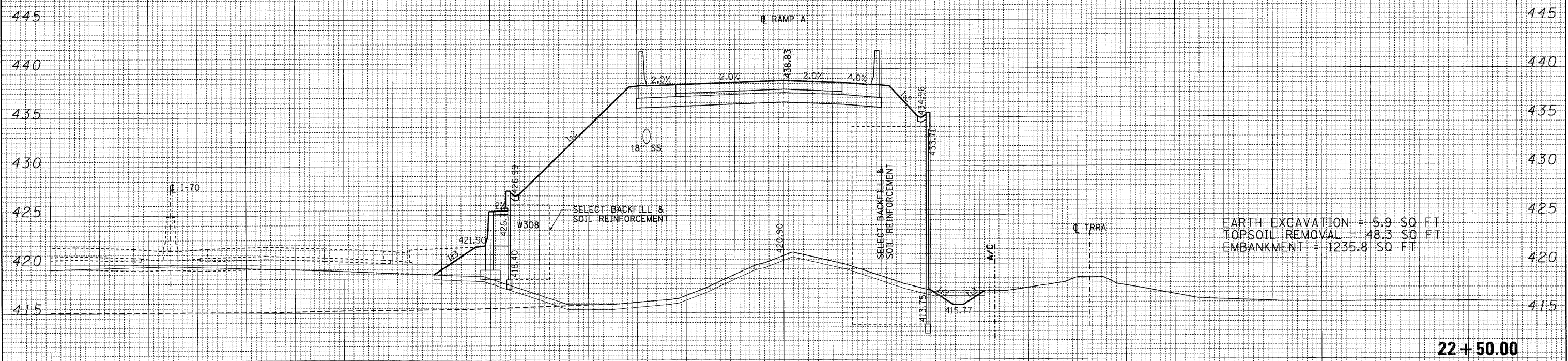


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#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	998	82-2-1HVB-1	ST. CLAIR	345	332
		CHECKED - ACL	REVISED -		STA. 21+50.00	TO STA. 22+00.00		CONTRACT NO. 76D05		ILLINOIS FED. AID PROJECT		
		DATE - 05/13/11	REVISED -									

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FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMP. A/E	
	AREAS	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMP. A/E	
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DATE - 05/13/11	REVISED -

PLOT SCALE = *SCALE*
PLOT DATE = *DATE*

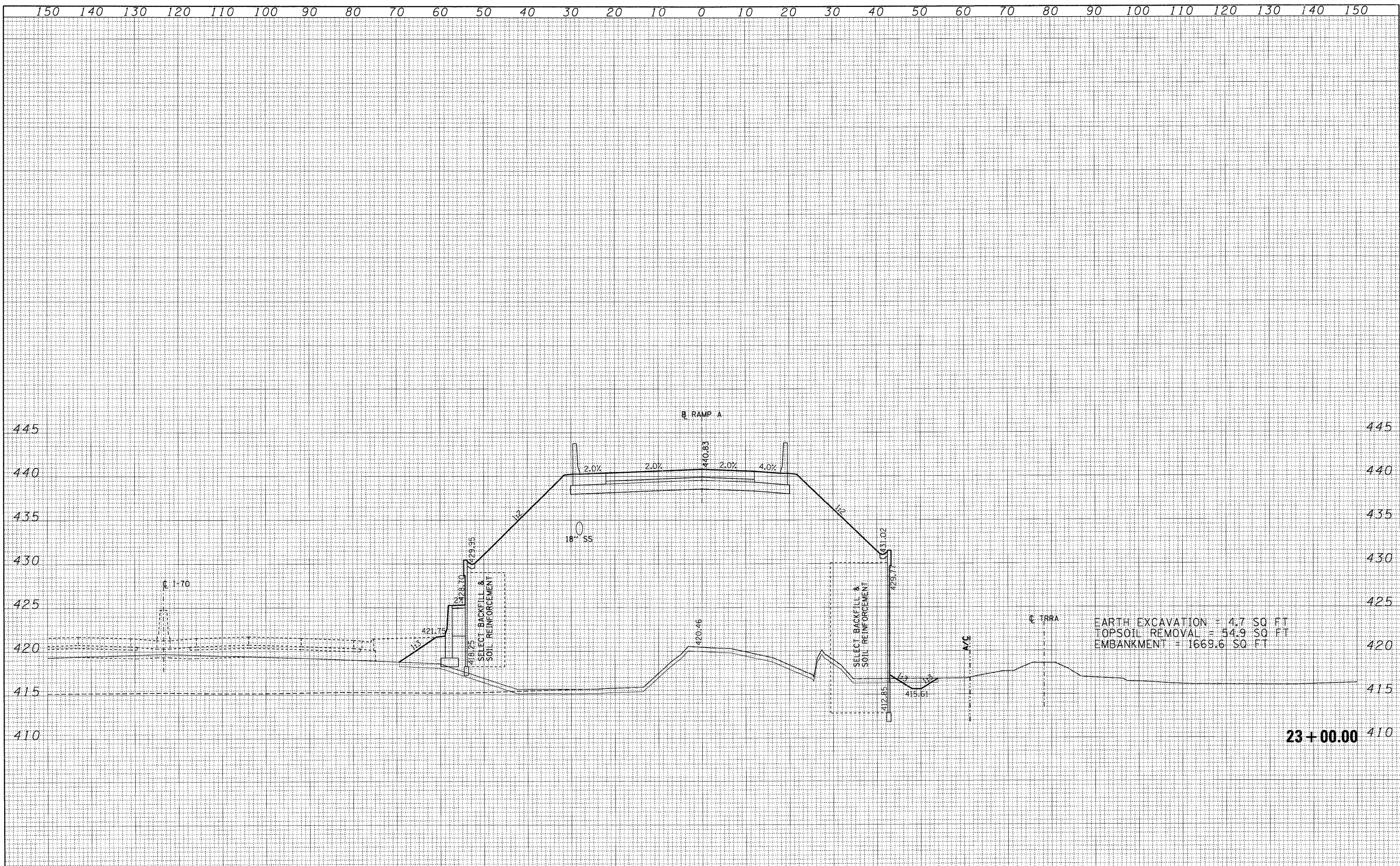
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
RAMP A			
SCALE:	SHEET NO.	OF	SHEETS
			STA. 22+50.00 TO STA. 22+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HV-B-1	ST. CLAIR	345	333
CONTRACT NO. T6D05			ILLINOIS FED. AID PROJECT	

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

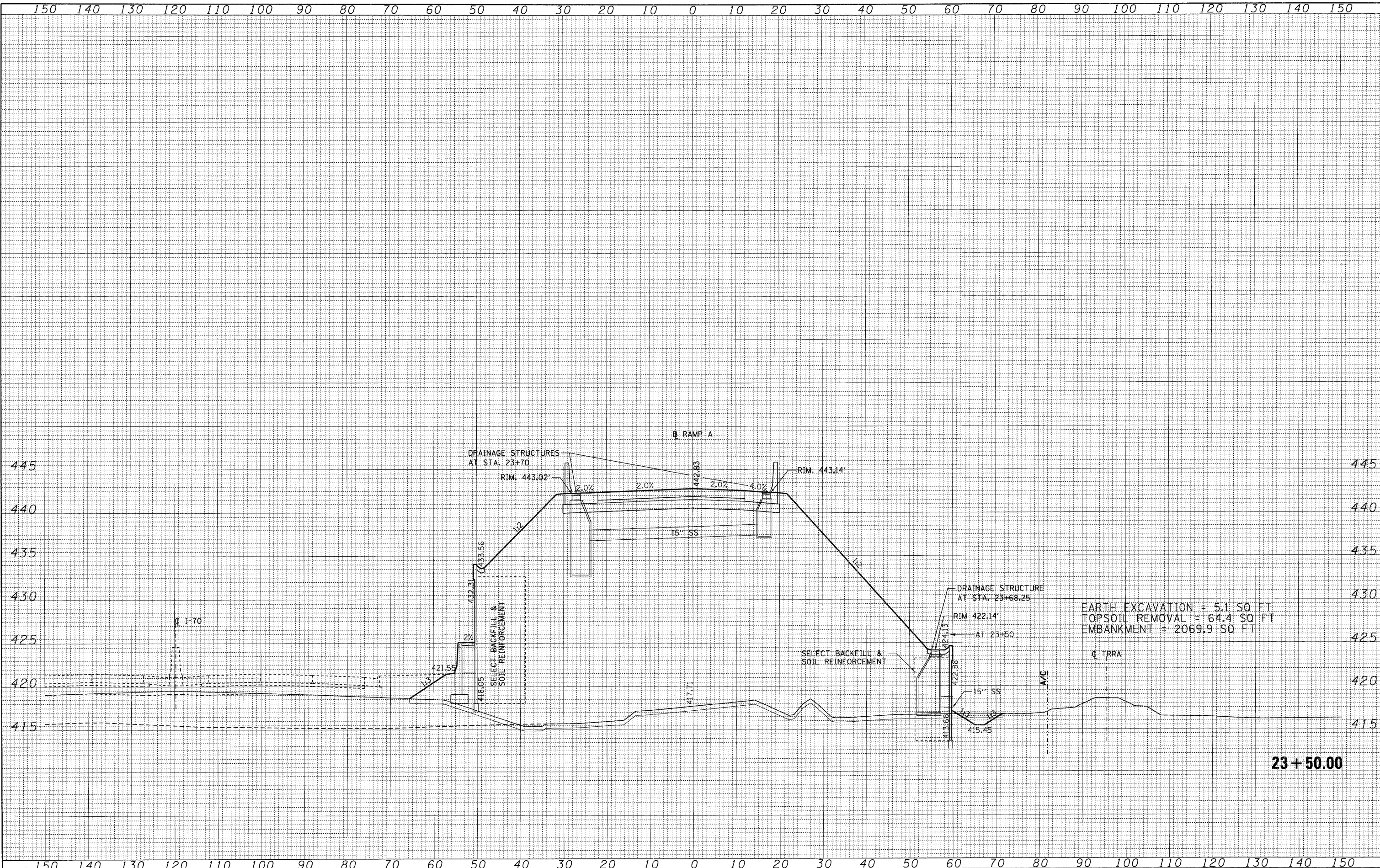
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	PLOT DATE = *DATE*	CHECKED - ACL	REVISED -											CONTRACT NO. 76D05
		DATE - 05/13/11	REVISED -											ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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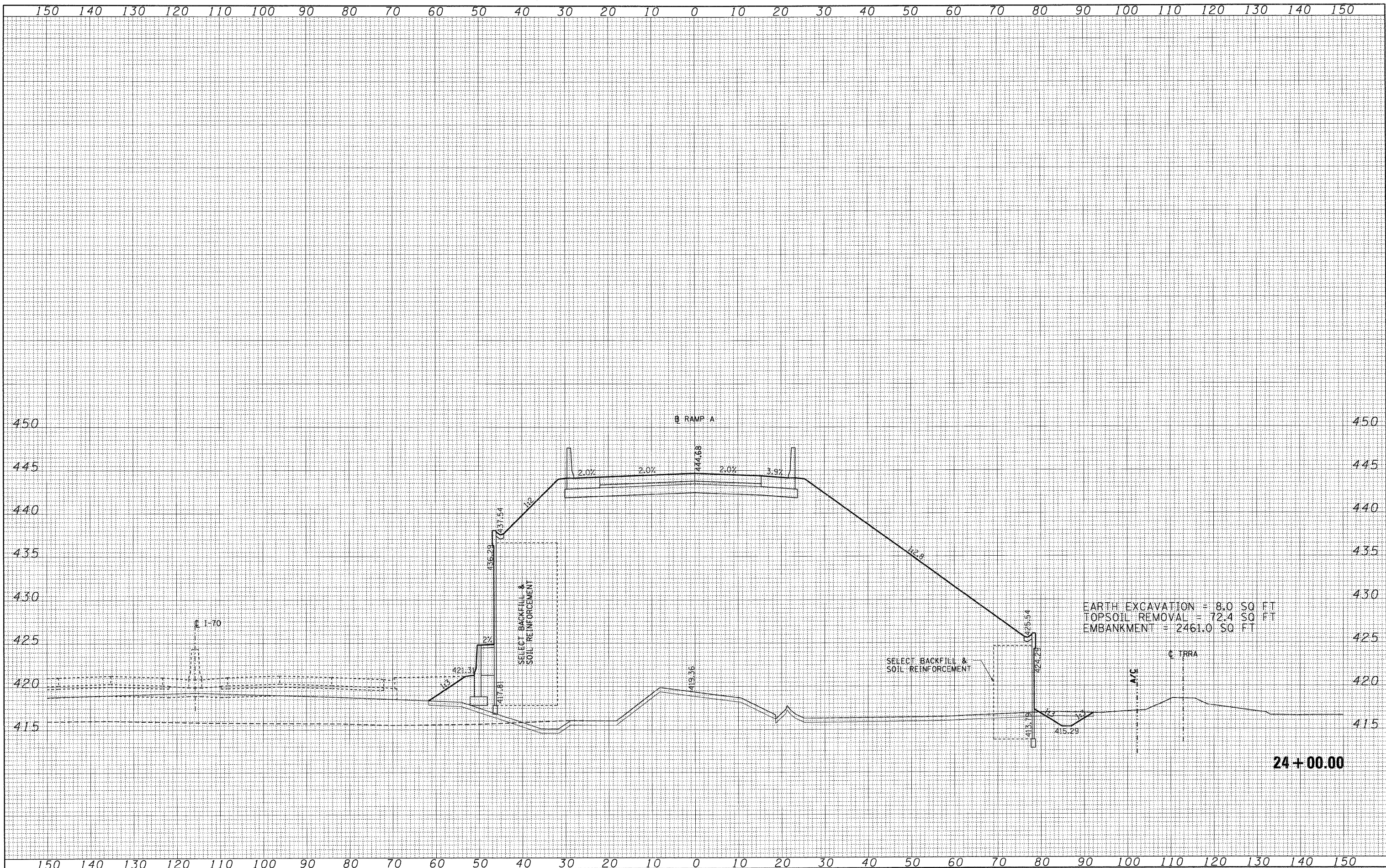
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 TOPSOIL REMOVAL = 64.4 SQ FT
 EMBANKMENT = 2069.9 SQ FT

23+50.00

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP A				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED - ACL	REVISED -												
		DATE - 05/13/11	REVISED -												
											ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D05	

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

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

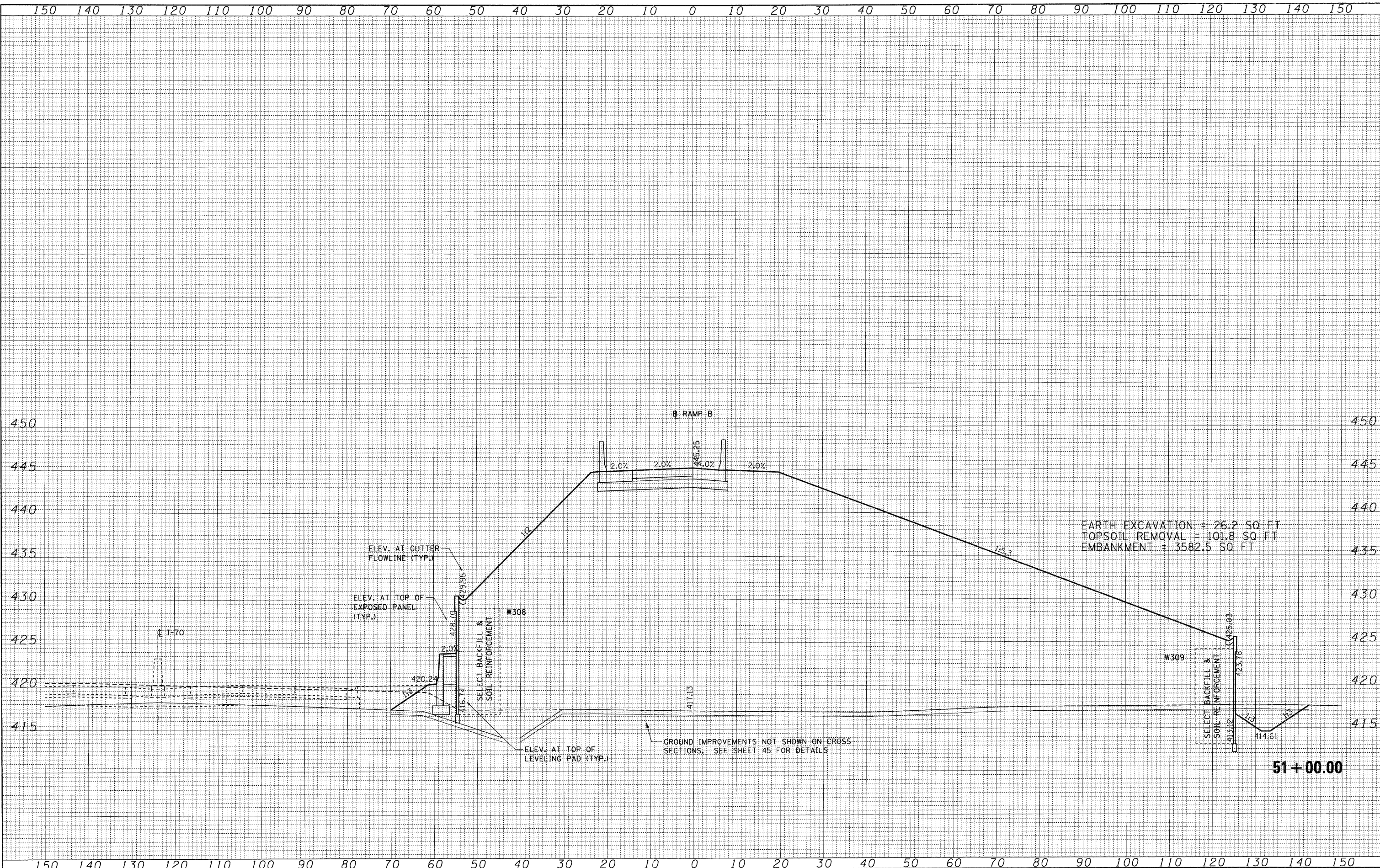


EARTH EXCAVATION = 8.0 SQ FT
 TOPSOIL REMOVAL = 72.4 SQ FT
 EMBANKMENT = 2461.0 SQ FT

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP A				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 24+00.00	TO STA. 24+00.00	998	82-2-1HVB-1	ST. CLAIR	345	336
		CHECKED - ACL	REVISED -												
		DATE - 05/13/11	REVISED -												
											ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D05	

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

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



EARTH EXCAVATION = 26.2 SQ FT
 TOPSOIL REMOVAL = 101.8 SQ FT
 EMBANKMENT = 3582.5 SQ FT

51+00.00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 RAMP B

FILE NAME =
 \$FILEL\$

USER NAME = \$USER\$
 DESIGNED - JB
 DRAWN - AG
 CHECKED - ACL
 DATE - 05/13/11

REVISED -
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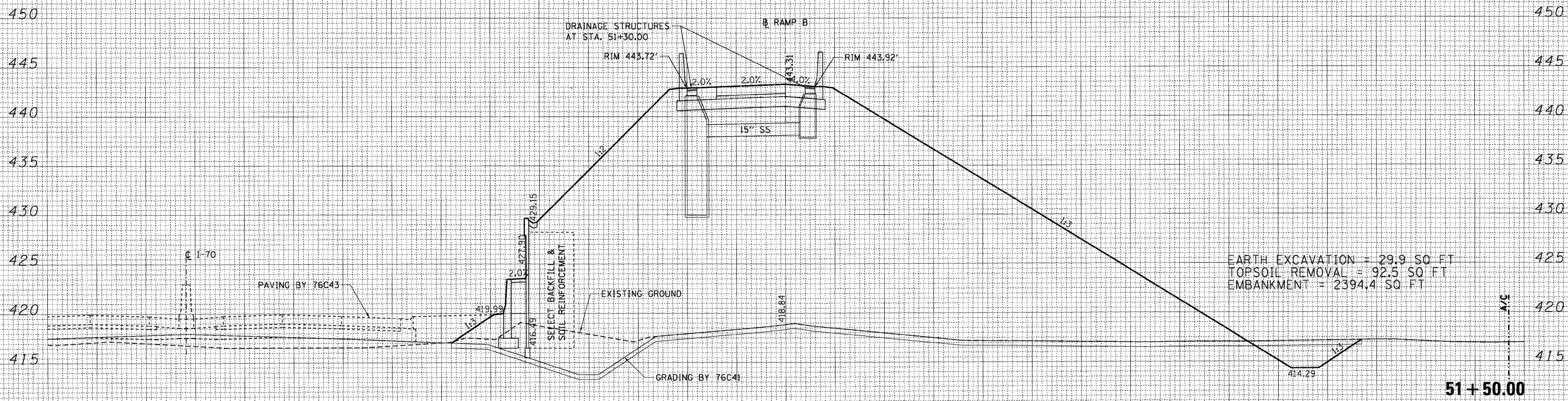
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	337
CONTRACT NO. 76D05			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

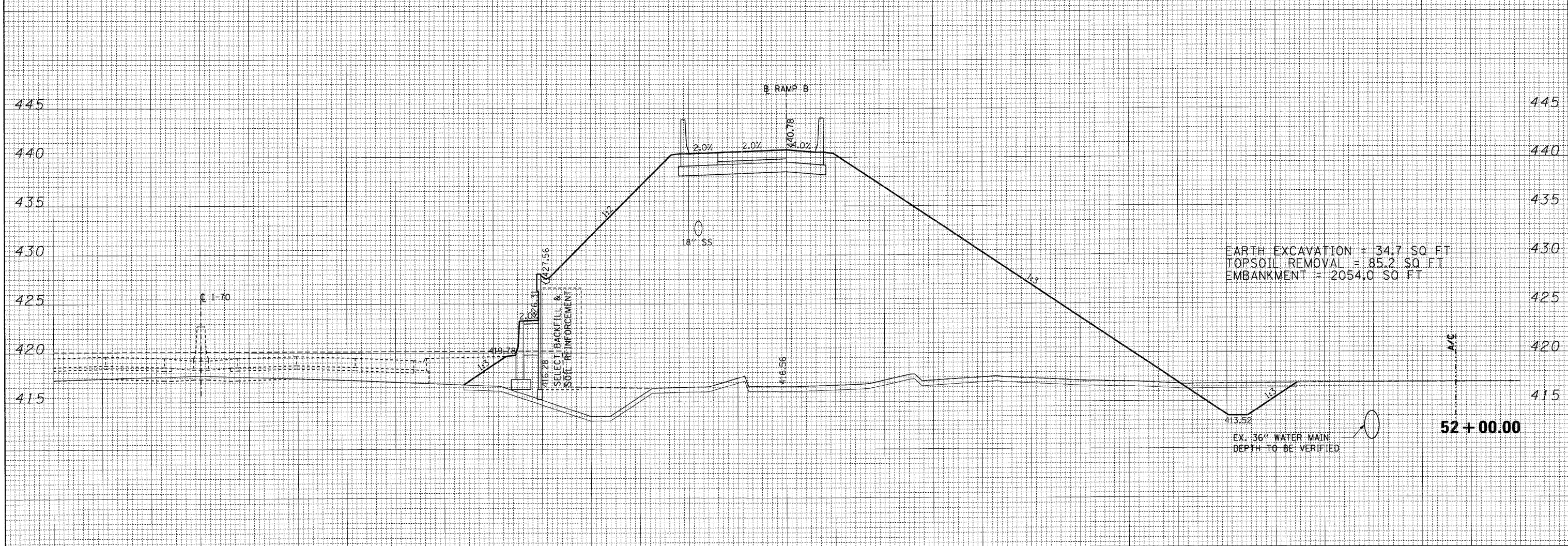
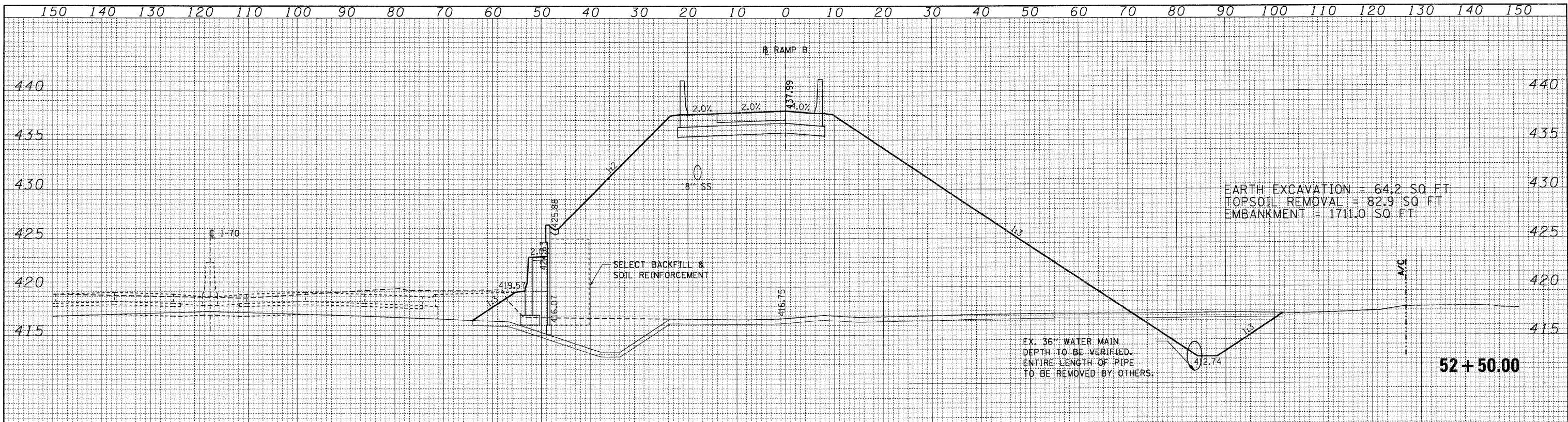


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FILEL		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 51+50.00	TO STA. 51+50.00	998	82-2-1HVB-1	ST. CLAIR	345	338
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		DATE - 05/13/11	REVISED -												
											CONTRACT NO. 76D05			ILLINOIS FED. AID PROJECT	

DATE	
BY	
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TEMPLATE	
AREAS	
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FINAL	
SURVEY	
NOTE BOOK	
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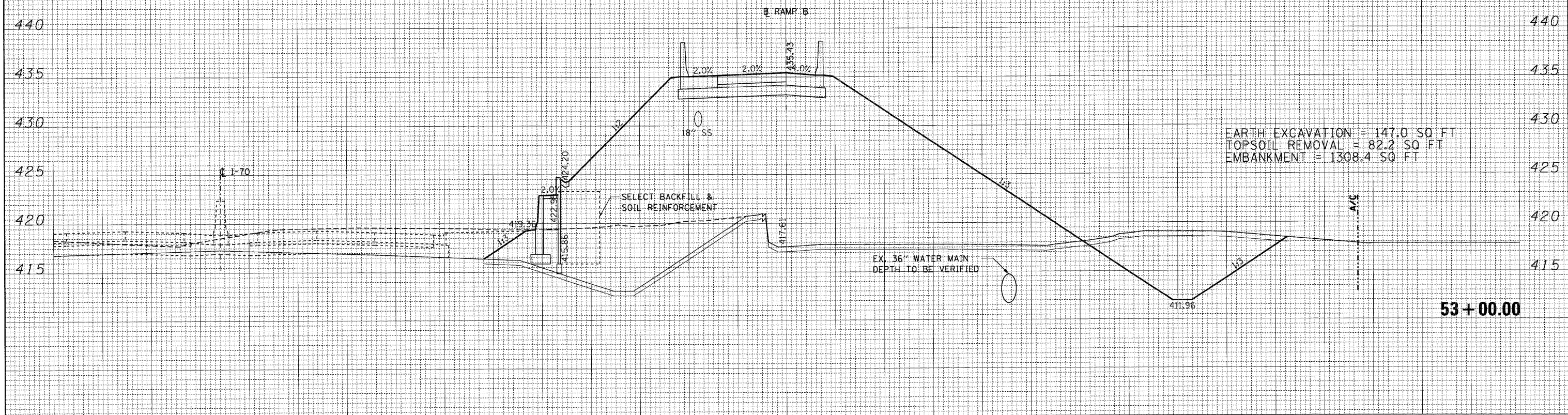
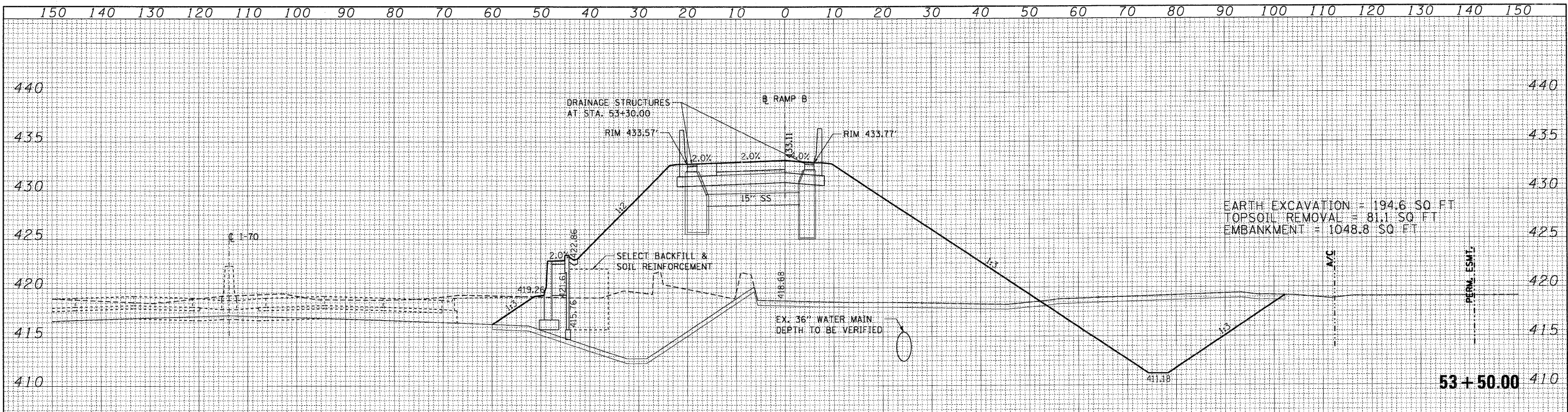
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AREAS	
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SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = *USERS*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP B				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN - AG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 52+00.00	TO STA. 52+50.00	998	82-2-1HVB-1	ST. CLAIR	345	339
		CHECKED - ACL	REVISED -		CONTRACT NO. 76D05										
		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT										

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

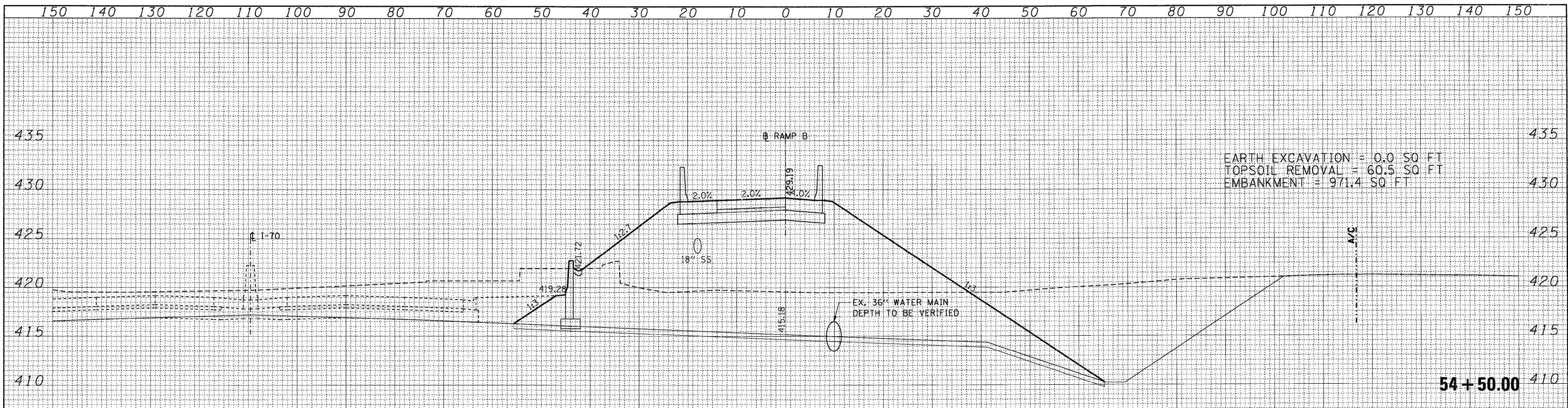
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	



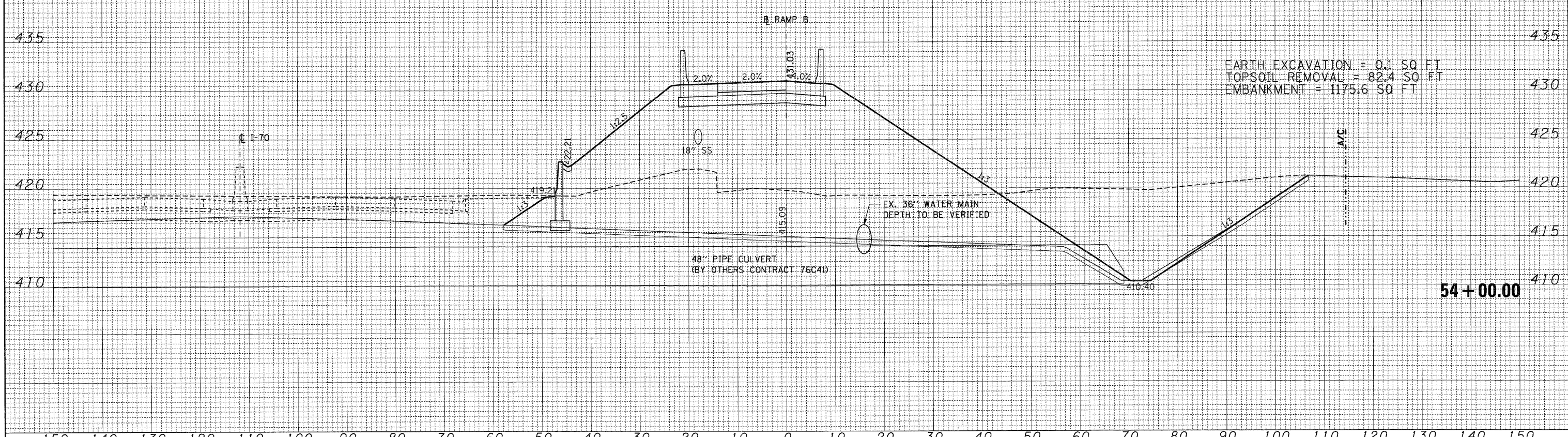
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		CHECKED - ACL	REVISED -										
		DATE - 05/13/11	REVISED -										

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



EARTH EXCAVATION = 0.0 SQ FT
 TOPSOIL REMOVAL = 60.5 SQ FT
 EMBANKMENT = 971.4 SQ FT

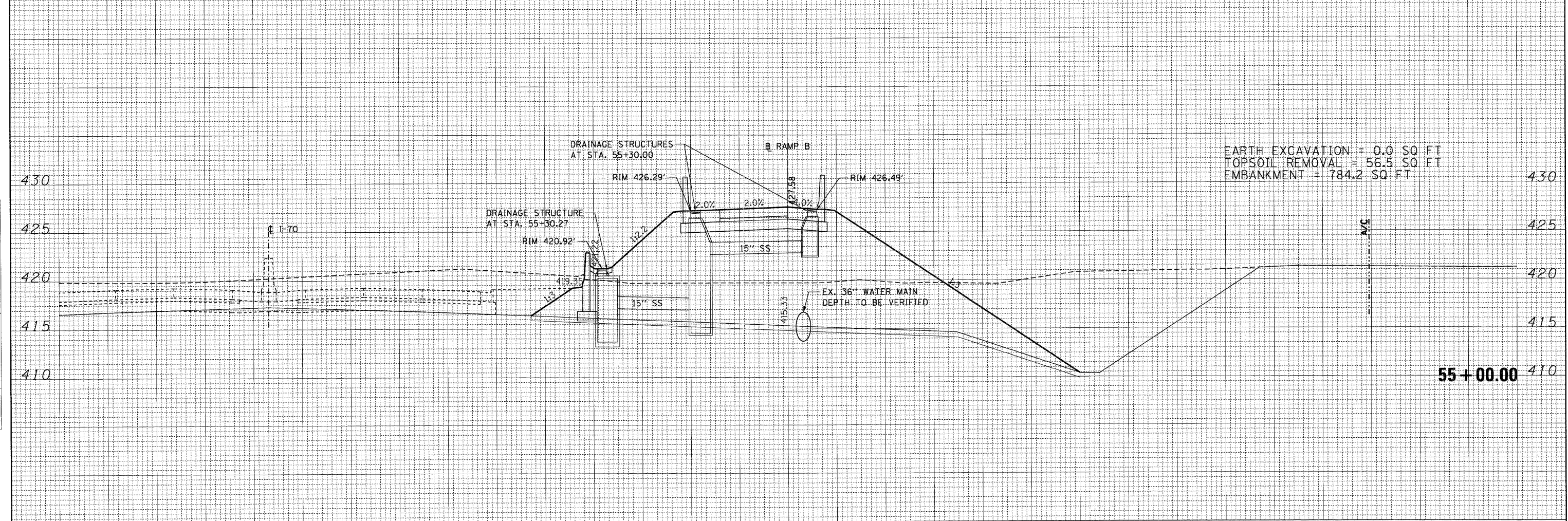
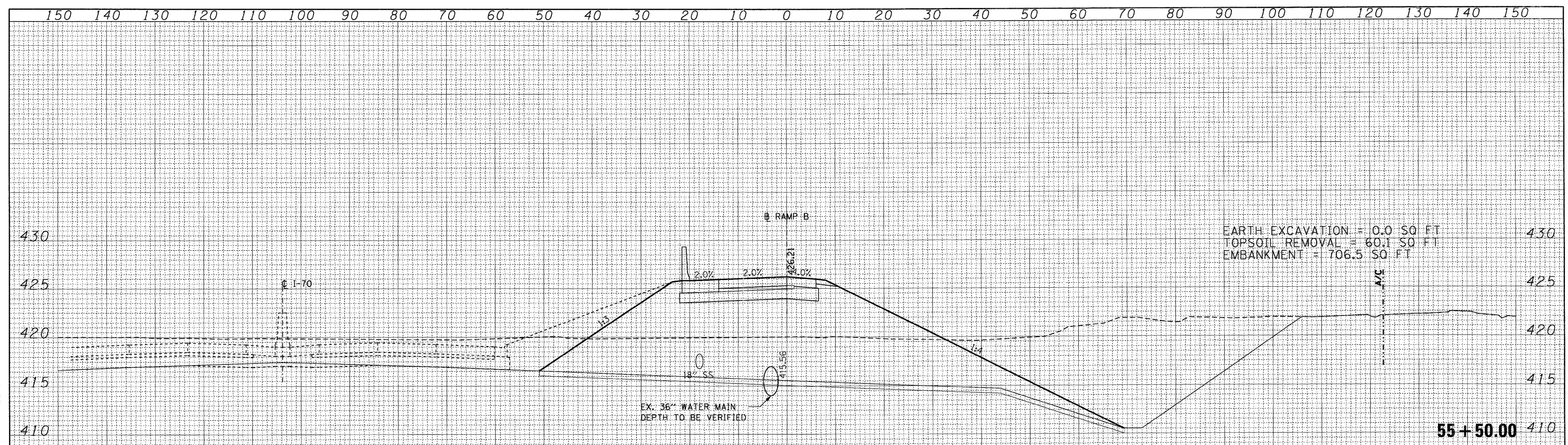


EARTH EXCAVATION = 0.1 SQ FT
 TOPSOIL REMOVAL = 82.4 SQ FT
 EMBANKMENT = 1175.6 SQ FT

FILE NAME =	USER NAME = #USERS#	DESIGNED - JIB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
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FINAL SURVEY	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
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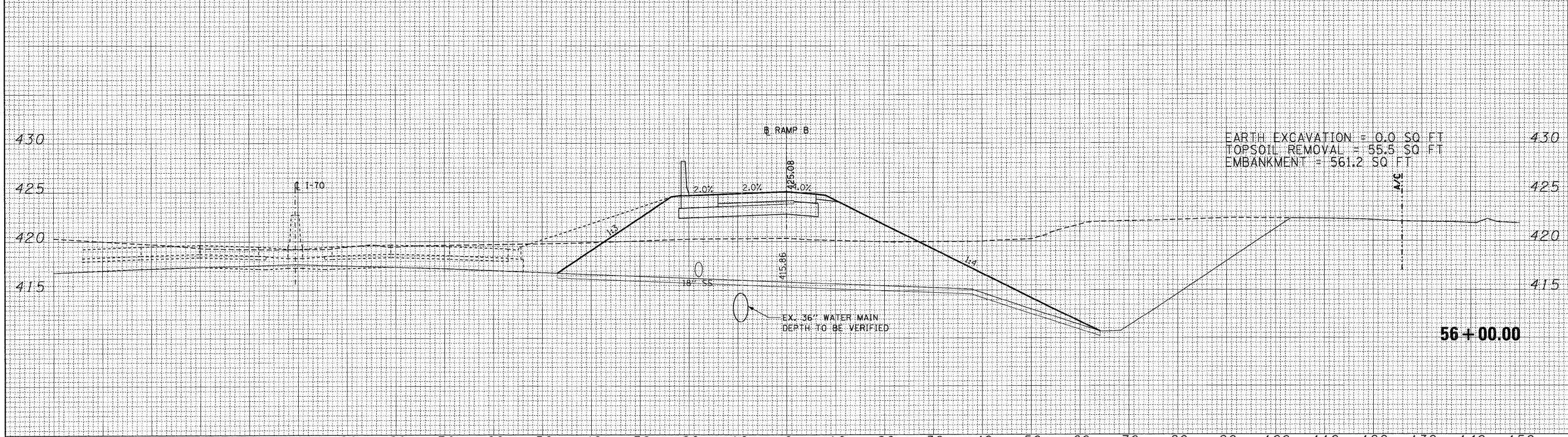
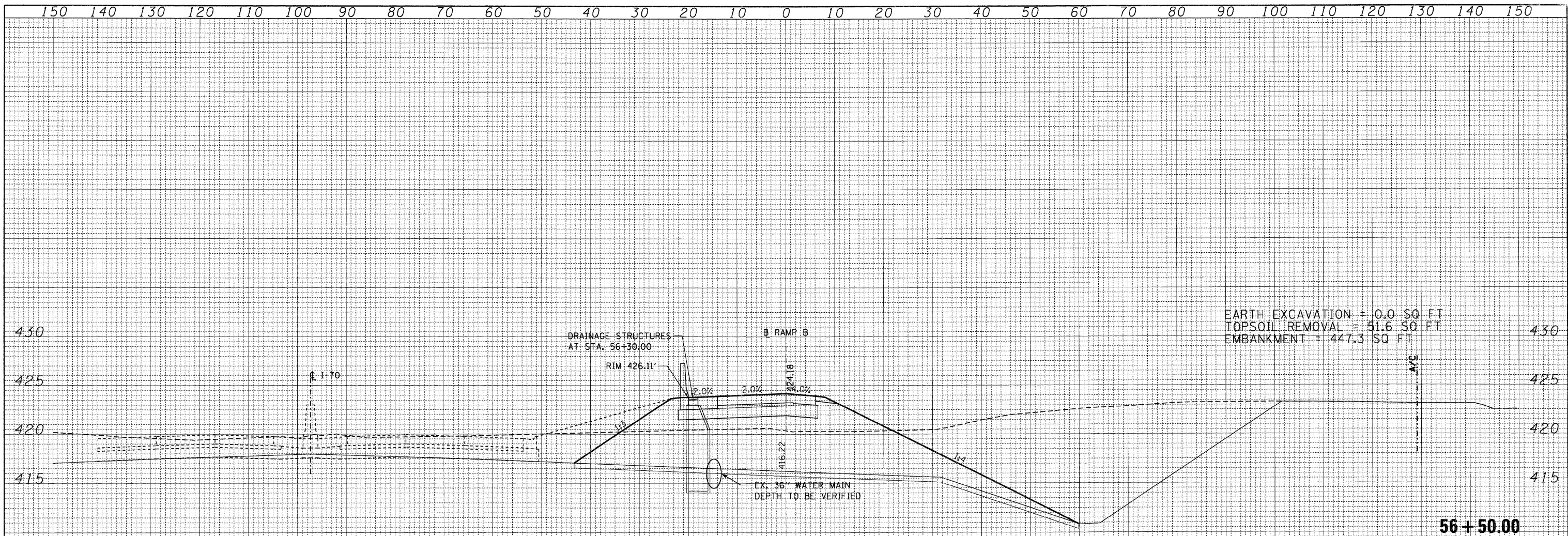
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BY	
ORIGINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS	
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FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN - AG	REVISED -		RAMP B		998	82-2-1HVB-1	ST. CLAIR	345	342
		CHECKED - ACL	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 55+00.00 TO STA. 55+50.00		CONTRACT NO. 76D05		
		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT						

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

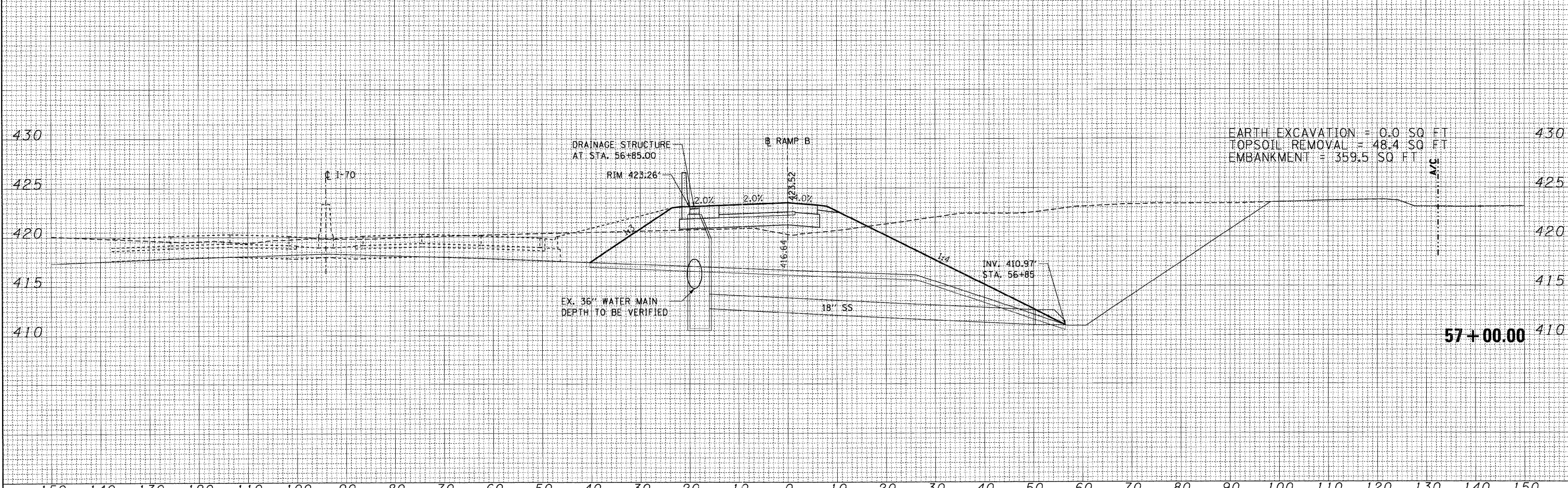
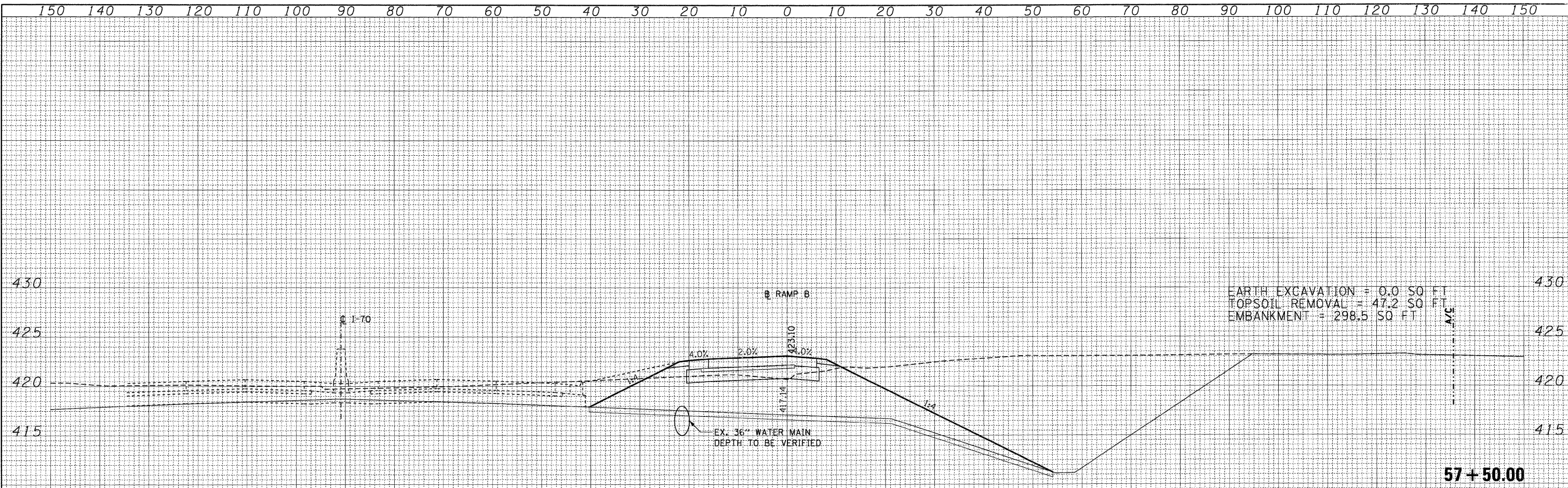
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
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FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP B				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE#	DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
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FINAL SURVEY	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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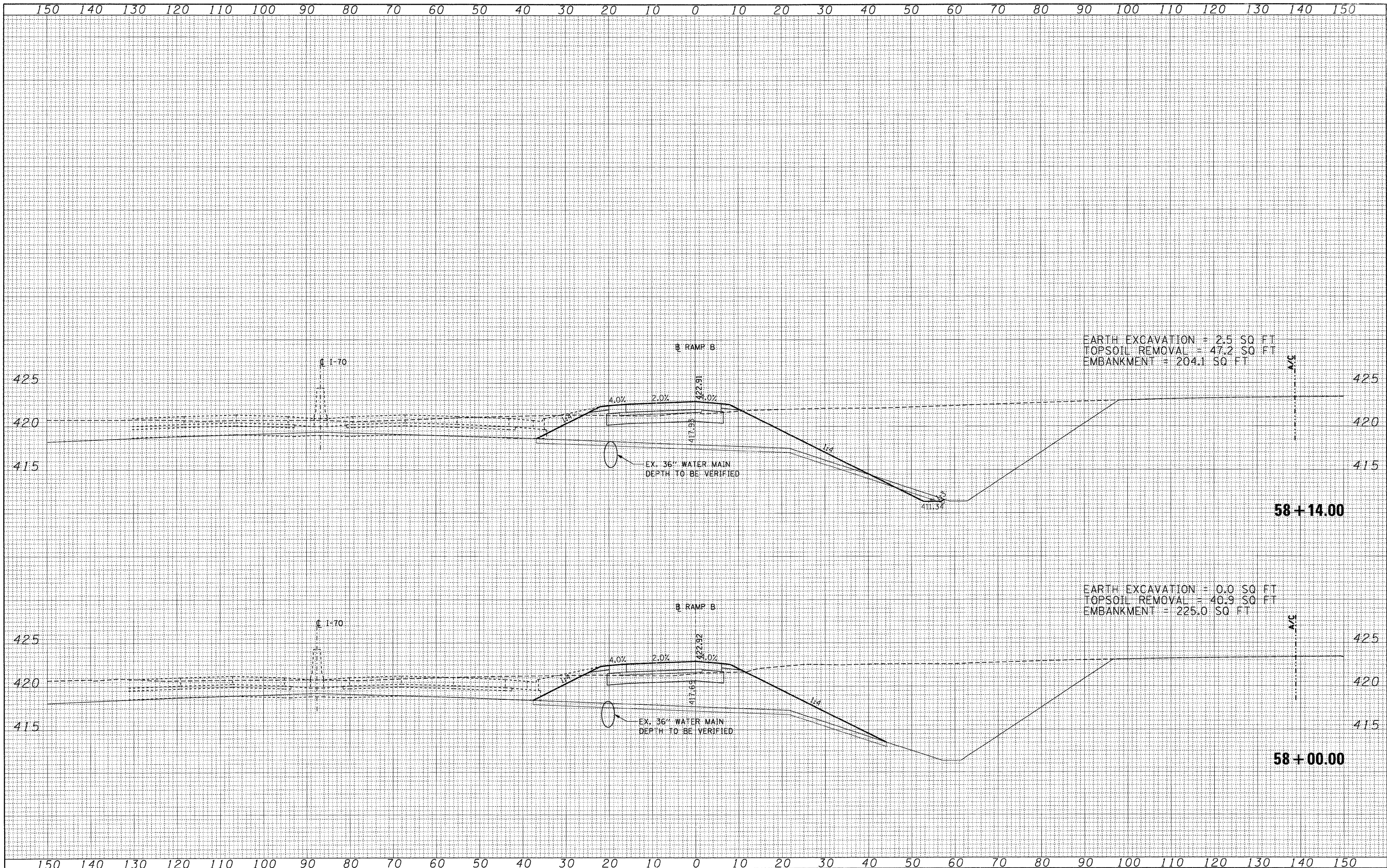
DATE	
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ORIGINAL SURVEY	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP B				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								

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

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



FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = *DATE*		DATE - 05/13/11	REVISED -		ILLINOIS FED. AID PROJECT								