

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)I-2	SCHUYLER	18	1
		ILLINOIS	CONTRACT NO. 72E37	

**INDEX OF SHEETS**

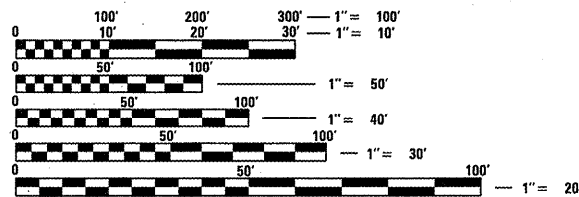
- 1      COVERSHEET
- 2      GENERAL NOTES, COMMITMENTS, AND SCHEDULES
- 3-4    SUMMARY OF QUANTITIES
- 5      CROSS TIES
- 6-10   RETAINING WALL PLANS
- 11     DETAILS
- 12-18  CROSS SECTIONS

**HIGHWAY STANDARDS**

**STANDARD NO.**

- 000001-06
- 701316-05
- 701901-01

A.D.T. = 3,450 (375)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

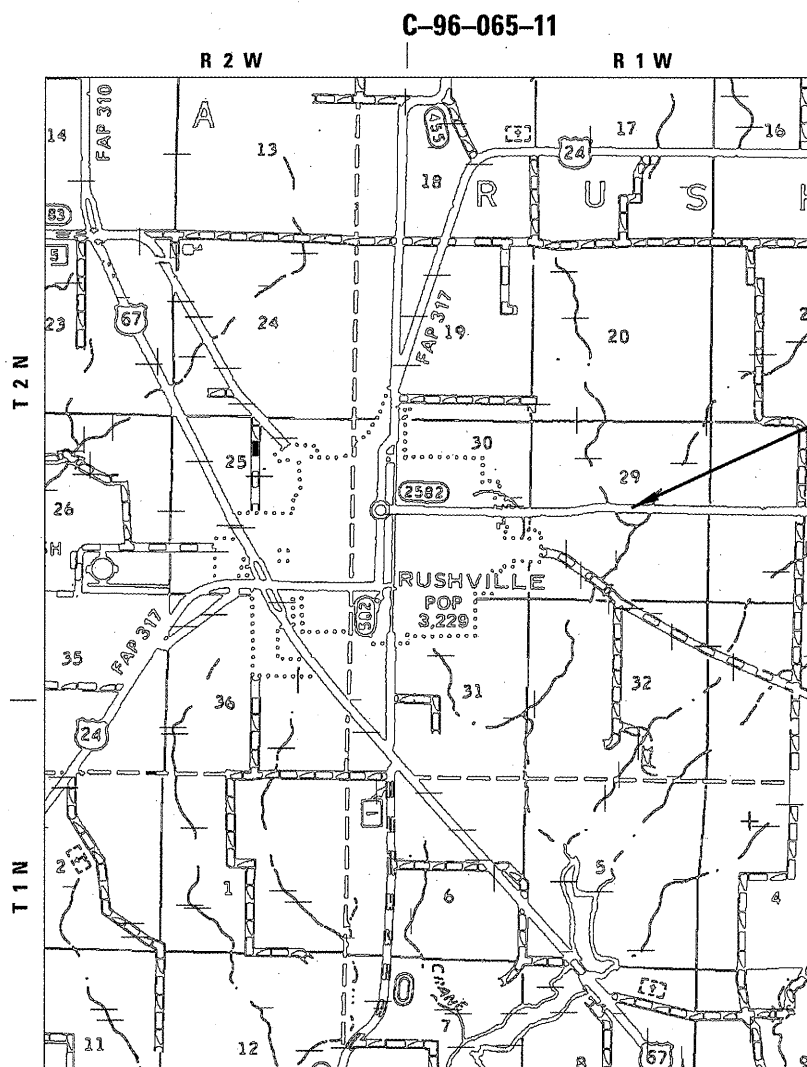
SENIOR TEAM ENGINEER VINCE MADONIA 217-785-9046  
TEAM ENGINEER JAY EDWARDS 217-785-5321

CONTRACT NO. 72E37

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

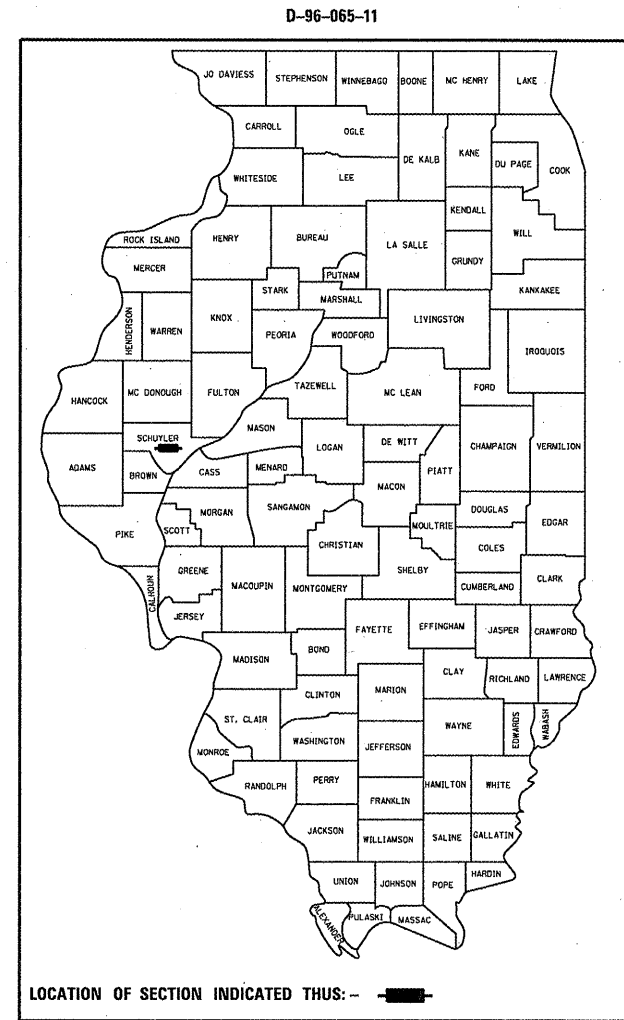
**FAS ROUTE 2582 (OLD US 67 ADAMS ROAD)**  
**SECTION (45)I-2**

**RETAINING WALL**  
**SCHUYLER COUNTY**



S.N. 085-7900  
STA. 594 + 50.00

GROSS LENGTH = 100.00 FT. = 0.019 MILE



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Sept 9 20 11  
Rep 2 Disket  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 14 20 11  
Scott E. Stitt, P.E.  
acting ENGINEER OF DESIGN AND ENVIRONMENT

Oct 14 20 11  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

**GENERAL NOTES**

- 1 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- 2 THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 3 THIS WORK IS PROPOSED AT AN ACTIVE SLOPE FAILURE LOCATION. EXCAVATION IN FRONT OF THE WALL LINE PRIOR TO PLACING LAGGING IS NOT ALLOWED WITHOUT THE ENGINEER'S APPROVAL. THE ENGINEER MAY LIMIT THE DEPTH AND LENGTH OF EXCAVATION.

**COMMITMENTS**

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

**SCHEDULES**

**EARTHWORK SCHEDULE**

	WEST OF ACCESS CONTROL 2-LANE			
	EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE
	CU YD	CU YD	CU YD	CU YD
EARTH EXCAVATION/FILL	113	90	844	-754

20200100 EARTH EXCAVATION TOTAL = 113 CU YD  
 20400800 FURNISHED EXCAVATION TOTAL = 754 CU YD  
 50200100 STRUCTURE EXCAVATION TOTAL = 73 CU YD

NOTES  
 1) A shrinkage factor of 20% was assumed.

**28000305 TEMPORARY DITCH CHECKS**

STATION	FEET
595+20 RT.	5

TOTAL = 5 FEET

**28100105 STONE RIPRAP, CLASS A3**

STATION	SQ YD
593+78	32.1
595+16	30.3
TOTAL	62.4

USE = 63 SQ YD

**Z0046304 PIPE UNDERDRAINS FOR STRUCTURES 4"**

STATION TO STATION	FEET
593+78 RT. TO 596+20 RT	242.0
OUTLET TO DITCH	5.0

TOTAL = 247 FEET

DISTRICT SIX	
EXAMINED <u>June 23</u> 20 <u>11</u>	
<i>Chris Wall</i>	
OPERATIONS ENGINEER	

EXAMINED <u>July 6</u> 20 <u>11</u>	
<i>Jimmy Ford</i>	
PROJECT IMPLEMENTATION ENGINEER	

EXAMINED <u>Sept 9</u> 20 <u>11</u>	
<i>ARMLI</i>	
PROGRAM DEVELOPMENT ENGINEER	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				RETAINING WALL 0040 S. N. 085-7900
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25
20200100	EARTH EXCAVATION	CU YD	113.0	113.0
20400800	FURNISHED EXCAVATION	CU YD	754.0	754.0
* 25000200	SEEDING, CLASS 2	ACRE	0.25	0.25
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23.0	23.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23.0	23.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23.0	23.0
* 25100115	MULCH, METHOD 2	ACRE	0.25	0.25
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	377.0	377.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.0	100.0
28000305	TEMPORARY DITCH CHECKS	FOOT	5.0	5.0
28100105	STONE RIPRAP, CLASS A3	SQ YD	63.0	63.0
50200100	STRUCTURE EXCAVATION	CU YD	135.0	135.0

\*SPECIALTY ITEM

FILE NAME =	USER NAME = sparksg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\sparksg\0262000\0672E37-500.dgn	2E37-500.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	2582	1451I-2	SCHUYLER	18	3
		CHECKED -	REVISED -						CONTRACT NO. 72E37				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				RETAINING WALL
				0040
				S. N. 085-7900
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	135.0	135.0
67100100	MOBILIZATION	L SUM	1.0	1.0
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1.0	1.0
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1.0	1.0
<b>70301000</b>	<b>WORK ZONE PAVEMENT MARKING REMOVAL</b>	<b>SQFT</b>	<b>270.0</b>	<b>270.0</b>
Z0007116	TREATED TIMBER LAGGING	SQ FT	1963.0	1963.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	1.0
Z0026404	FURNISHING SOLDIER PILES ( W SECTION)	FOOT	763.5	763.5
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	247.0	247.0
X0324455	DRILLING AND SETTING SOLDIER PILES ( IN SOIL)	CU FT	2,647.0	2,647.0

FILE NAME :	USER NAME :	DESIGNED -	REVISED -
c:\pwwork\pwwork\sparksgu\d0262000\0672E37-500.dgn	sparksgu	DRAWN -	REVISED -
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	PLOT DATE = Sep-09-2011 03:17:43PM	DATE -	REVISED -

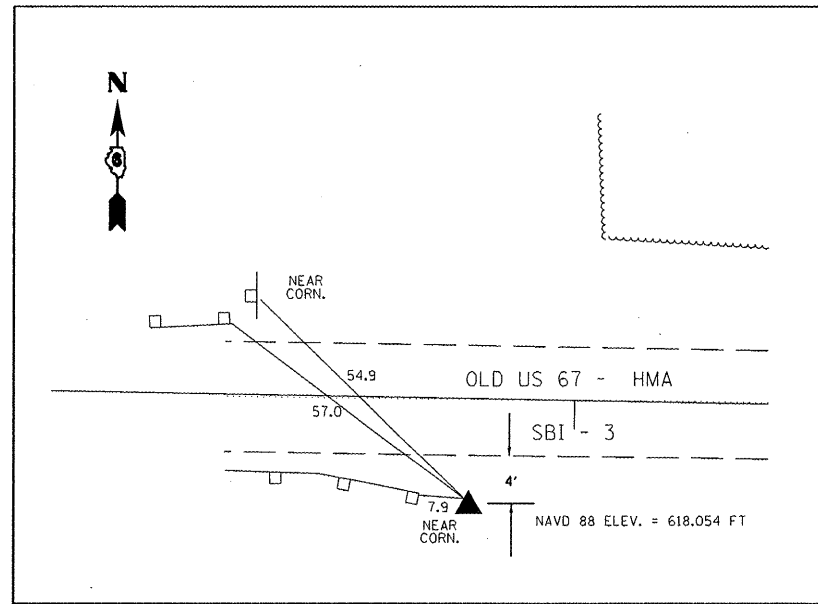
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

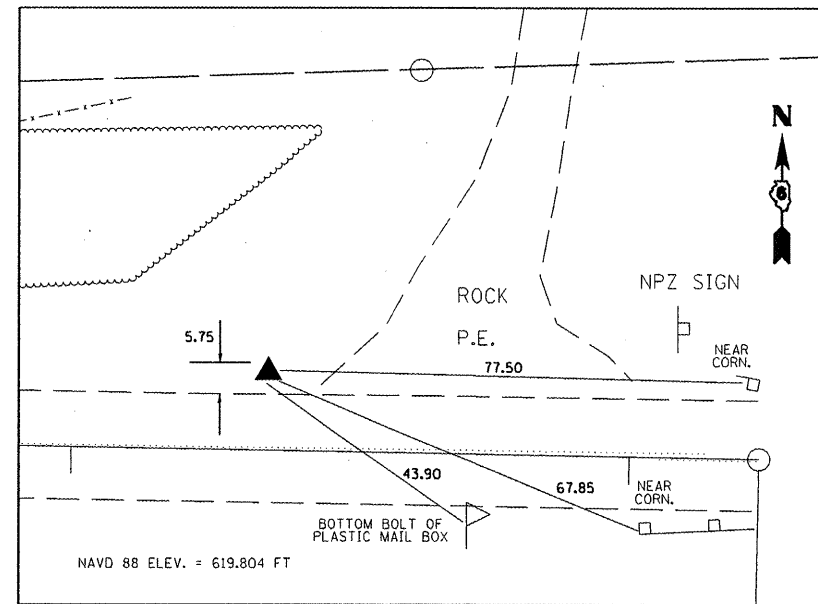
SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)-2	SCHUYLER	18	4
CONTRACT NO. 72E37				
ILLINOIS FED. AID PROJECT				

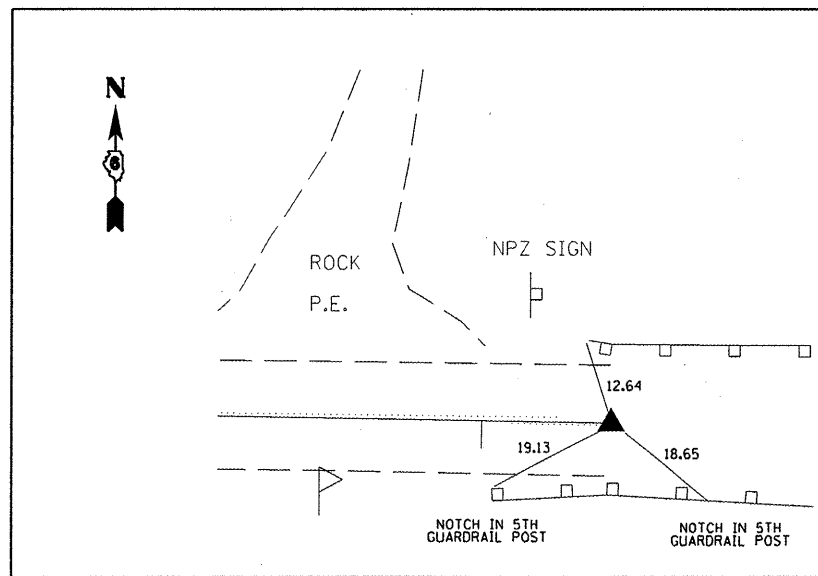




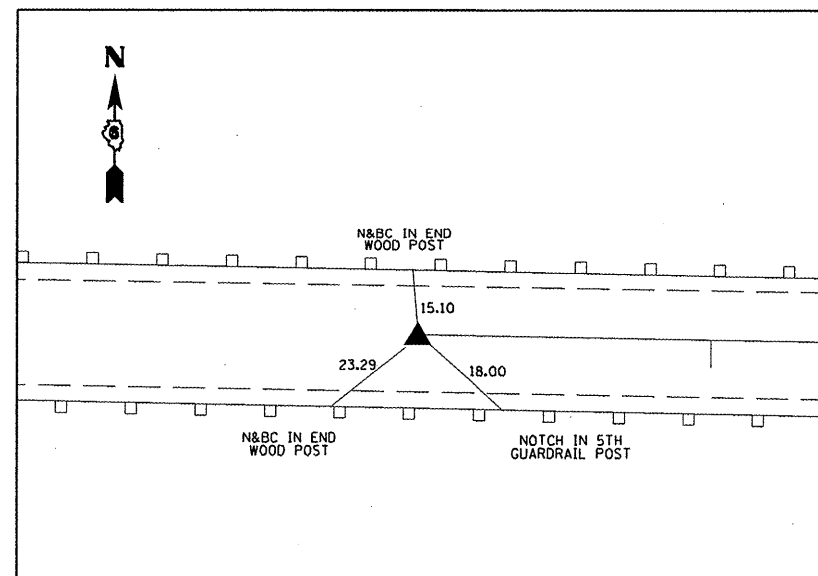
BENCHMARK  
 STA 596+13.25 LT 14.06'  
 SET #4 REBAR W/CAP - BURIED 1"



BENCHMARK  
 STA 592+56.71 RT 15.49'  
 SET #4 REBAR W/CAP - BURIED 1"



STA 599+51.97



STA 591+76.62

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ct:\pwwork\pwwork\sparksgw\0262000\067	2E37-shl-crossties.dgn	DRAWN -	REVISED -
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	PLOT DATE = Sep-09-2011 03:19:59PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

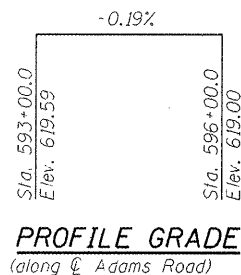
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)-2	SCHUYLER	18	5
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	

Benchmarks:  
 #4 Rebar w/cap buried 1", Sta. 592+56.71, O/S Rt. 15.49', Elev. 619.804.  
 #4 Rebar w/cap buried 1", Sta. 596+13.25, O/S Lt. 14.06', Elev. 618.054.  
 See Roadway Plans for cross ties.

Existing Structure: None

**INDEX OF SHEETS**

- 1 GENERAL PLAN & ELEVATION
- 2 GENERAL DATA AND WALL PLAN
- 3 TYPICAL WALL SECTION
- 4-5 BORING LOGS



**DESIGN SPECIFICATIONS**

2002 AASHTO

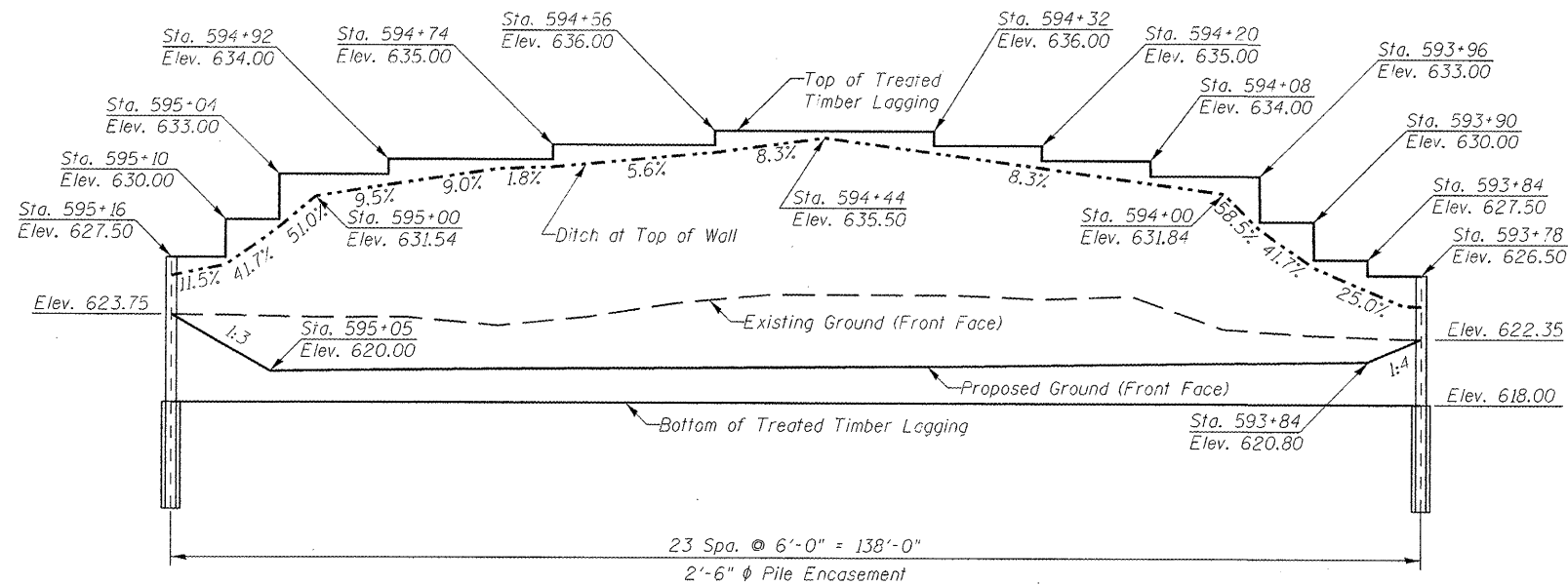
**DESIGN STRESSES**

FIELD UNITS

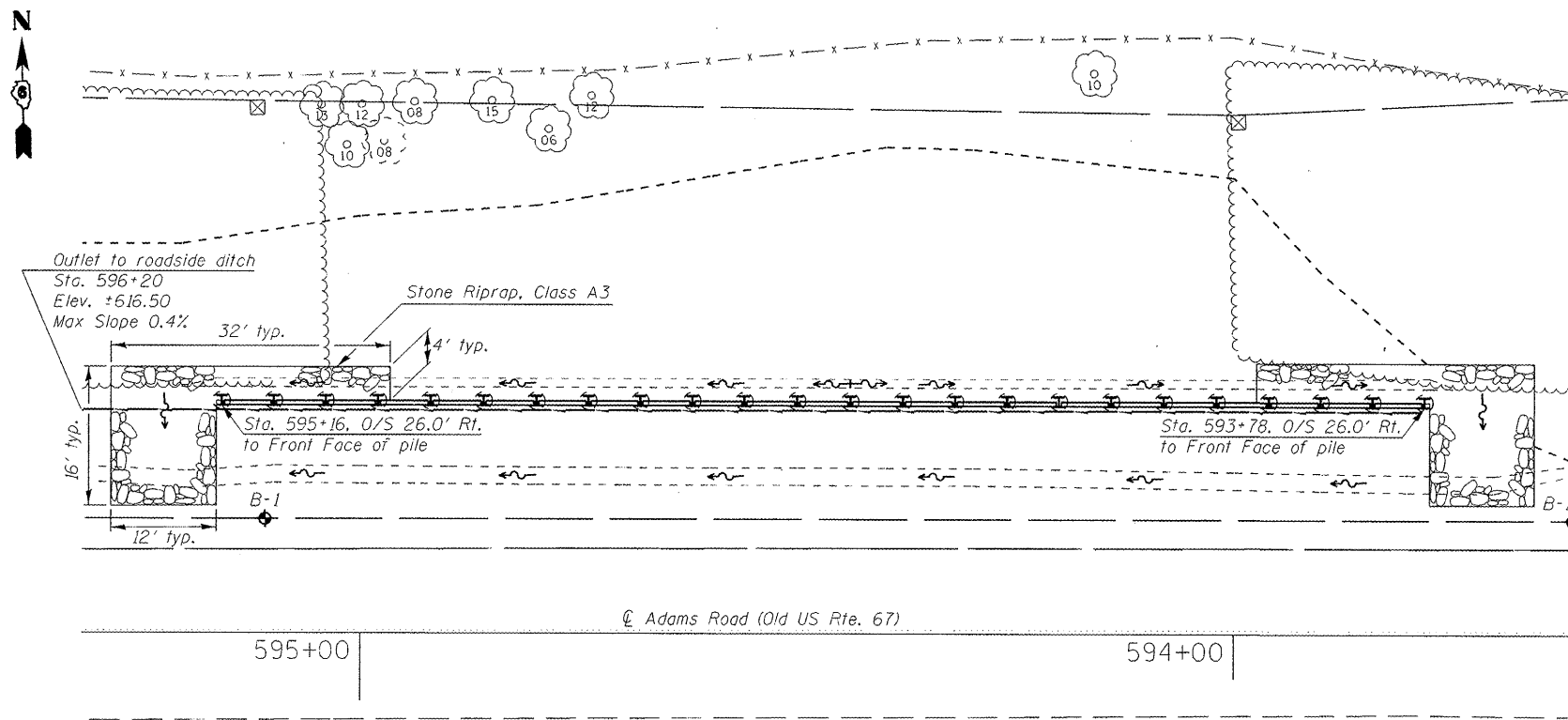
$f_b = 1,400$  psi (Treated Timber Lagging)  
 $f_y = 36,000$  psi (M270 Grade 36)



Expires 11/30/12



**ELEVATION**  
 (Looking at Front Face of Wall)



**PLAN**

RIW - 4th P.M.

18	U.S. 24	16	15
19	20	21	22
29	F.A.S. 2582	28	27
31	32	33	34

Rushville T2N

**LOCATION SKETCH**

**GENERAL PLAN & ELEVATION**  
**ADAMS ROAD (OLD US ROUTE 67)**  
**F.A.S. RTE. 2582 - SEC. (45)I-2**  
**SCHUYLER COUNTY**  
**STA. 593+78 TO STA. 595+16**  
**S.N. 085-7900**

DESIGNED Greg Heckel, Jay Edwards  
 CHECKED Steve V. Beran  
 DRAWN Jay Edwards  
 CHECKED SVB, GBH, JDE

EXAMINED  
 PASSED  
 ENGINEER OF BRIDGE DESIGN  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE 10/14/11  
 REVISED  
 REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 5 SHEETS

F.A.S. RTE. 2582	SECTION (45)I-2	COUNTY SCHUYLER	TOTAL SHEETS 18	SHEET NO. 6
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	

**GENERAL NOTES**

No field welding is permitted except as specified in the contract documents.

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for the exterior surfaces shall be Reddish Brown, Munseil No. 2.5YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures".

**TOTAL BILL OF MATERIAL**

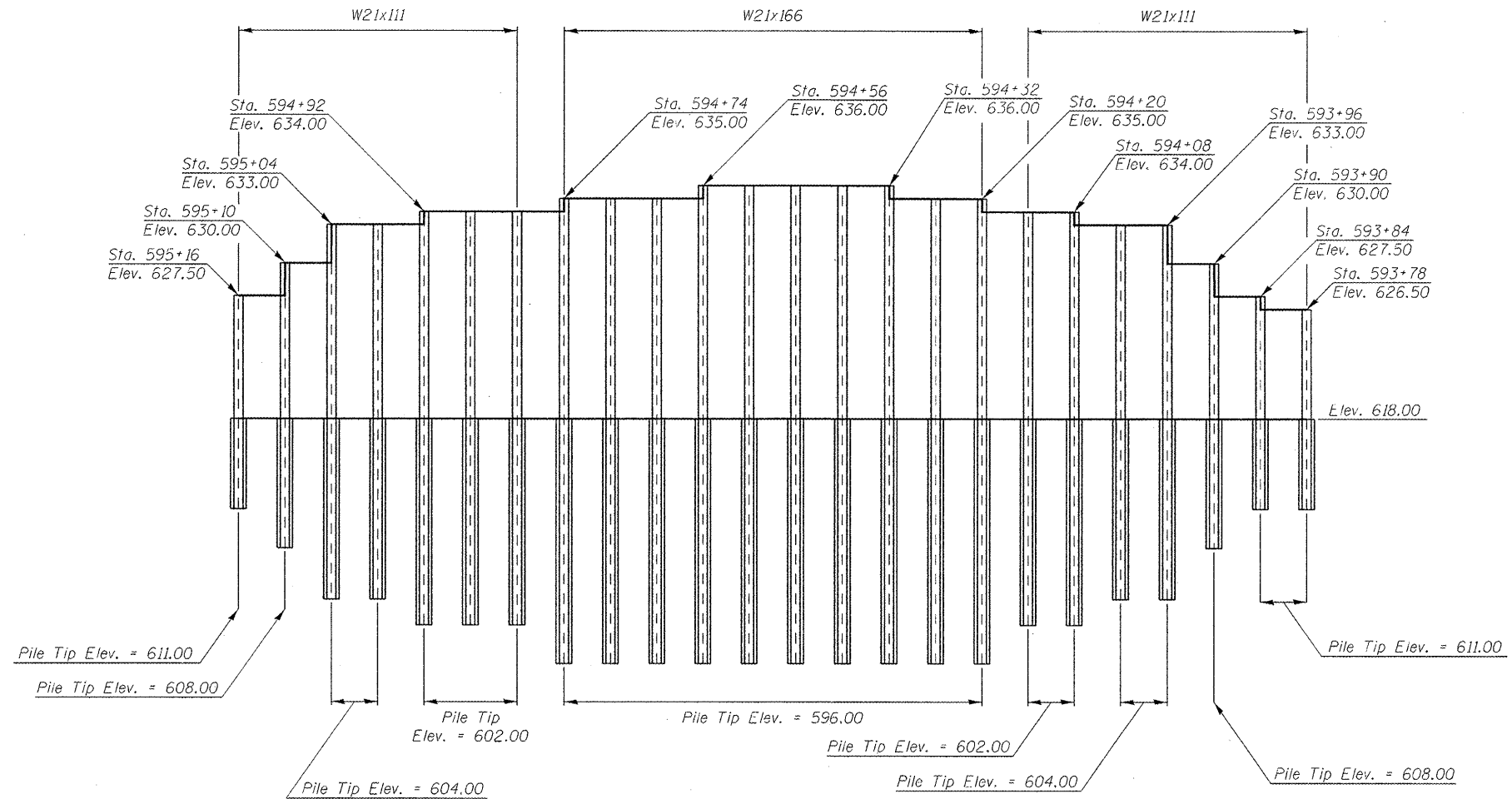
ITEM	UNIT	TOTAL
Stone Riprap, Class A3	Sq. Yd.	63
Structure Excavation	Cu. Yd.	135
Geocomposite Wall Drain	Sq. Yd.	78
Treated Timber Lagging	Sq. Ft.	1963
Furnishing Soldier Piles (W Section)	Foot	763.5
Pipe Underdrains for Structures, 4"	Foot	247
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	2647

**SOLDIER PILE SCHEDULE**

PILE NO.	STATION	PILE TYPE	TOP ELEVATION	BOTTOM ELEVATION	FURNISHING SOLDIER PILES (W SECTION) FT
1	593+78	W21x111	626.50	611.00	15.5
2	593+84	W21x111	627.50	611.00	16.5
3	593+90	W21x111	630.00	608.00	22.0
4	593+96	W21x111	633.00	604.00	29.0
5	594+02	W21x111	633.00	604.00	29.0
6	594+08	W21x111	634.00	602.00	32.0
7	594+14	W21x111	634.00	602.00	32.0
8	594+20	W21x166	635.00	596.00	39.0
9	594+26	W21x166	635.00	596.00	39.0
10	594+32	W21x166	636.00	596.00	40.0
11	594+38	W21x166	636.00	596.00	40.0
12	594+44	W21x166	636.00	596.00	40.0
13	594+50	W21x166	636.00	596.00	40.0
14	594+56	W21x166	636.00	596.00	40.0
15	594+62	W21x166	635.00	596.00	39.0
16	594+68	W21x166	635.00	596.00	39.0
17	594+74	W21x166	635.00	596.00	39.0
18	594+80	W21x111	634.00	602.00	32.0
19	594+86	W21x111	634.00	602.00	32.0
20	594+92	W21x111	634.00	602.00	32.0
21	594+98	W21x111	633.00	604.00	29.0
22	595+04	W21x111	633.00	604.00	29.0
23	595+10	W21x111	630.00	608.00	22.0
24	595+16	W21x111	627.50	611.00	16.5

TOTALS = 763.5 FEET

TOTAL W21x111 = 368.5 FT  
TOTAL W21x166 = 395.0 FT



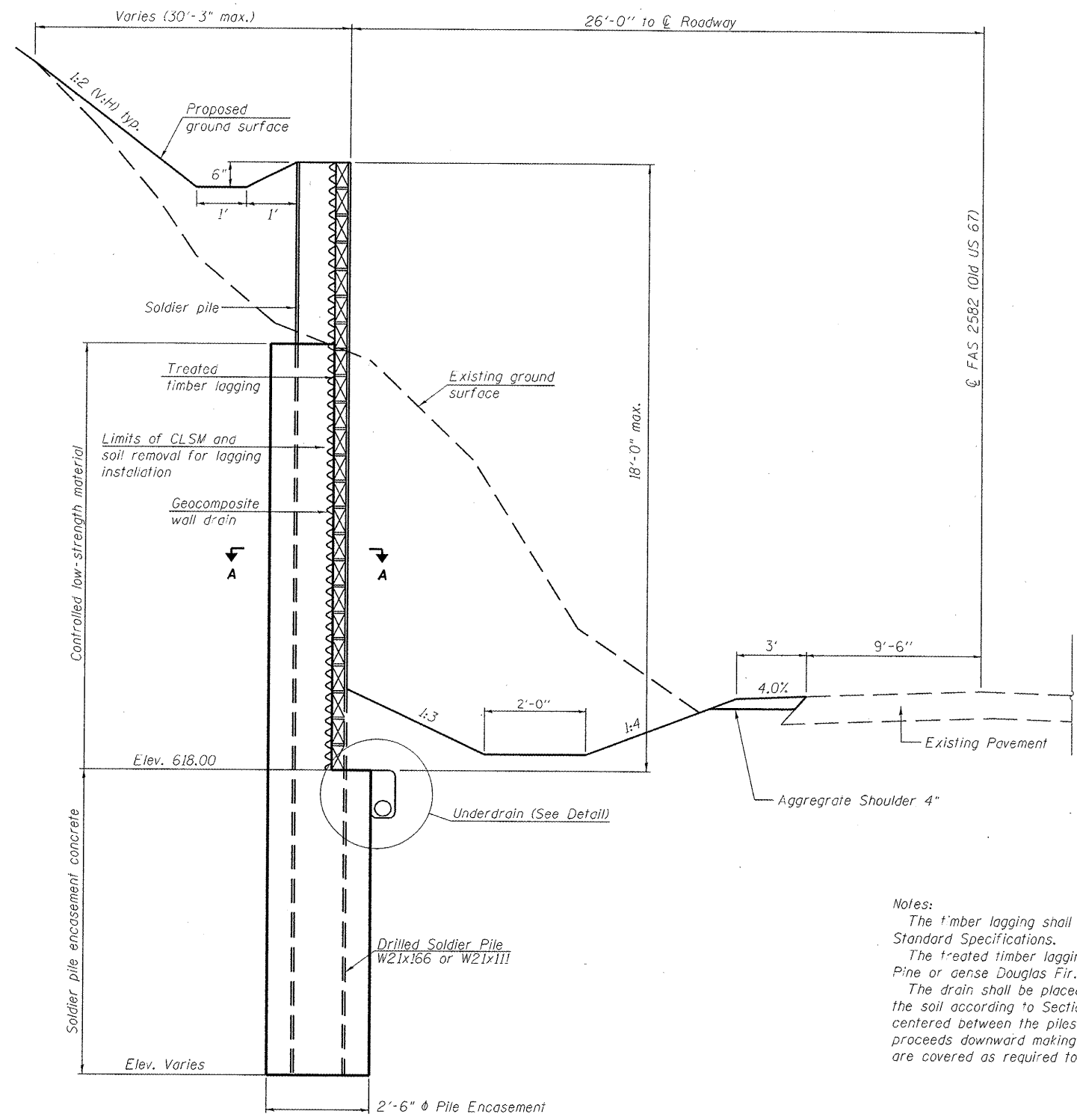
**WALL PLAN**  
(Looking at Front Face of Wall)

DESIGNED <i>Greg Heckel, Jay Edwards</i>	EXAMINED _____	DATE _____
CHECKED <i>Steve V. Beran</i>	ENGINEER OF BRIDGE DESIGN	
DRAWN <i>Jay D. Edwards</i>	PASSED _____	REVISED _____
CHECKED <i>SVB, GBH, JDE</i>	ENGINEER OF BRIDGES AND STRUCTURES	REVISED _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

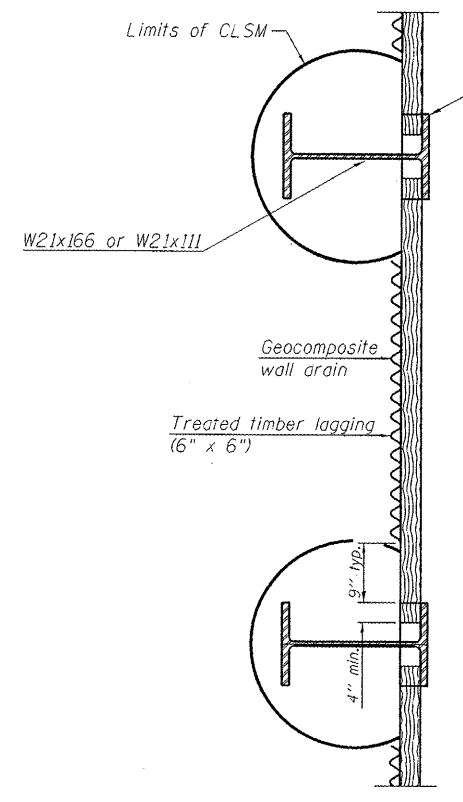
**GENERAL DATA**  
**S.N. 085-7900**  
SHEET NO. 2 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)1-2	SCHUYLER	18	7
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	



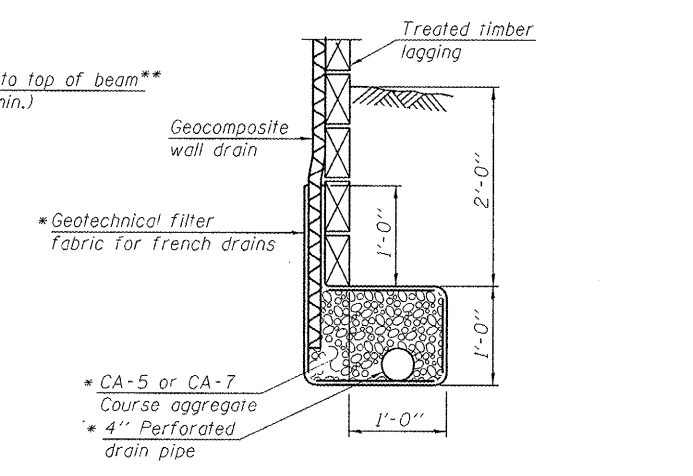
**RETAINING WALL TYPICAL SECTION**

**Notes:**  
 The timber lagging shall conform to Articles 507 and 1007.03 of the Standard Specifications.  
 The treated timber lagging shall be structural square cut dense Southern Pine or dense Douglas Fir.  
 The drain shall be placed behind the lagging with the pervious side toward the soil according to Section 591 of the Standard Specifications and shall be centered between the piles. The drain shall be installed in stages as the excavation proceeds downward making sure that drain splices as well as the top side edges are covered as required to protect the drain.



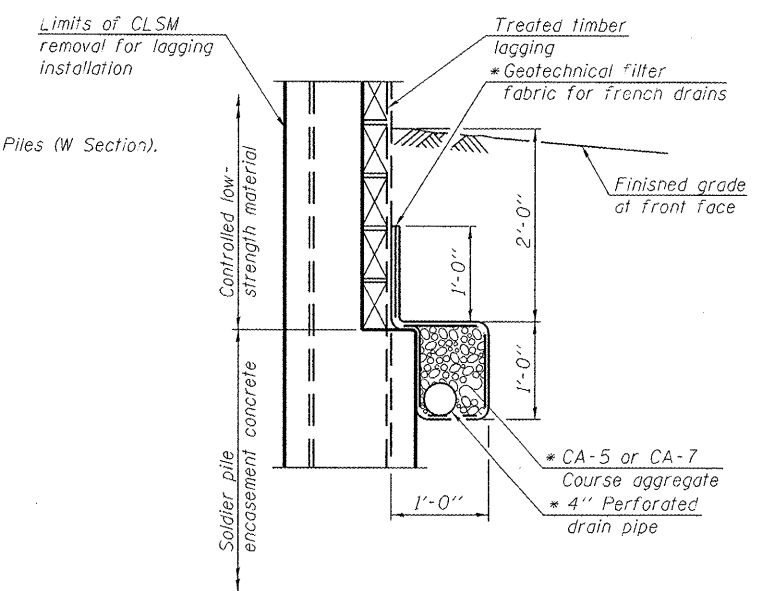
**SECTION A-A**

\*\*Included in the cost of Furnishing Soldier Piles (W Section).



**UNDERDRAIN DETAIL BETWEEN SOLDIER PILES**

\* Included in the cost of Pipe Underdrains for Structures.



**UNDERDRAIN DETAIL AT SOLDIER PILES**

\* Included in the cost of Pipe Underdrains for Structures.

DESIGNED <i>Greg Heckel, Jay Edwards</i>	EXAMINED _____	DATE - _____
CHECKED <i>Steve V. Beran</i>	ENGINEER OF BRIDGE DESIGN	
DRAWN <i>Jay D. Edwards</i>	PASSED _____	REVISED _____
CHECKED <i>SVB, GBH, JDE</i>	ENGINEER OF BRIDGES AND STRUCTURES	REVISED _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL WALL SECTION  
 S.N. 085-7900**

SHEET NO. 3 OF 5 SHEETS

F.A.S. RTE. 2582	SECTION (451-2)	COUNTY SCHUYLER	TOTAL SHEETS 18	SHEET NO. 8
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	



# SOIL BORING LOG

ROUTE OLD US 67 DESCRIPTION Old US 67 Slope Failure 1± Mile E of Rushville LOGGED BY M. Tappan

SECTION 44 LOCATION NE 1/4, SEC. 29, TWP. 2 N, RNG. 1 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. NA Station NA  
 BORING NO. 1 W Station 595+11 Offset 13.0ft RT Ground Surface Elev. 618.6 ft  
 D E L U M P O S I T H S Qu T (ft) /6" (tsf) (%)

Soil Description	D	E	L	U	M	Surface Water Elev.	D	B	U	M
	P	O	S	Qu	T		P	O	S	I
	T	H	S		T	Groundwater Elev.:	H	W	Qu	T
						▼ First Encounter	(ft)	/6"	(tsf)	(%)
						▼ Upon Completion				
						▼ After _____ Hrs. Plugged				
Pavement Materials Very Soft CA-6 from 2 to 3 ft						NA ft				
						NA ft				
CLAY LOAM (Till)						612.1 ft				
Very Poor Recovery Brown Moist (Disturbed)	2					617.6 ft	2			
	5						4	3.2		16
	7						7	B		
Brown Moist with Clayey Shale Clasts Free Water	2									
	8	3.2		15						
	14	S-13								
with Thick Clayey Shale Clasts	4						2			
	5	3.1		18			5	2.9		28
	8	S-11					8	B		
Brownish Grey Moist	2						2			
	3	3.0		17			5	4.0		21
	7	B					9	B		
Olive Brown and Grey Moist CLAY (Till) with Shale Clasts	2					582.60				
	4	2.2		15						
	6	B								
SILTY CLAY (Till)	2						3			
Olive Brown & Grey Moist	4	3.0		19			6	4.4		23
	6	B					15	B		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SOILS\GINT FILES\SCHUYLER\OLD US 67 SLOPE FAILURE E OF RUSHVILLE.GPJ Data Template: D8TEMP1.DOT Date Printed: 5/11/11  
 Latitude: 40° 07.449N Longitude: 90° 32.200W Datum: NAD83 Job Number: No Job Number



# SOIL BORING LOG

ROUTE OLD US 67 DESCRIPTION Old US 67 Slope Failure 1± Mile E of Rushville LOGGED BY M. Tappan

SECTION 44 LOCATION NE 1/4, SEC. 29, TWP. 2 N, RNG. 1 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. NA Station NA  
 BORING NO. 1 W Station 595+11 Offset 13.0ft RT Ground Surface Elev. 618.6 ft  
 D E L U M P O S I T H S Qu T (ft) /6" (tsf) (%)

Soil Description	D	B	U	M	Surface Water Elev.	D	B	U	M	
	P	O	S	Qu	T		P	O	S	
	T	H	S		T	Groundwater Elev.:	H	W	Qu	
						▼ First Encounter	(ft)	/6"	(tsf)	(%)
						▼ Upon Completion				
						▼ After _____ Hrs. Plugged				
Olive Brown and Grey Moist Clayey SHALE Drilled Hard at 40.5 ft						NA ft				
						NA ft				
Boring Completed						612.1 ft				
						617.6 ft				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
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File Name: S:\SOILS\GINT FILES\SCHUYLER\OLD US 67 SLOPE FAILURE E OF RUSHVILLE.GPJ Data Template: D8TEMP1.DOT Date Printed: 5/11/11  
 Latitude: 40° 07.449N Longitude: 90° 32.200W Datum: NAD83 Job Number: No Job Number

DESIGNED - Steve V. Beron	EXAMINED _____ DATE _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS S.N. 085-7900</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED - Jay D. Edwards	ENGINEER OF BRIDGE DESIGN			2582	451I-2	SCHUYLER	18	9	
DRAWN - Jay D. Edwards	PASSED _____ REVISÉ _____			CONTRACT NO. 72E37		ILLINOIS FED. AID PROJECT			
CHECKED - SVB	ENGINEER OF BRIDGES AND STRUCTURES			SHEET NO. 4 OF 5 SHEETS					



Illinois Department  
of Transportation  
Division of Highways  
Illinois Department of Transportation

# SOIL BORING LOG

Page 1 of 1

Date 8/17/10

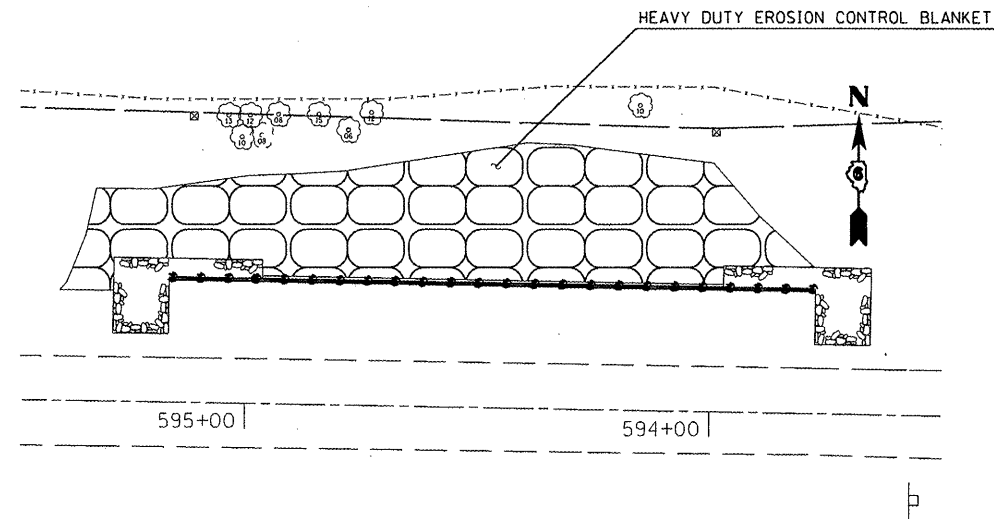
ROUTE OLD US 67 DESCRIPTION Old US 67 Slope Failure 1± Mile E of Rushville LOGGED BY M. Tappan  
SECTION 44 LOCATION NE 1/4, SEC. 29, TWP. 2 N, RNG. 1 W, 4 PM  
COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. NA D E L C M  
Station NA P O S O  
BORING NO. 2 E H S Qu T  
Station 593+61 Surface Water Elev. NA ft  
Offset 13.0ft RT Stream Bed Elev. Na ft  
Ground Surface Elev. 618.8 ft (ft) /6" (tsf) (%)

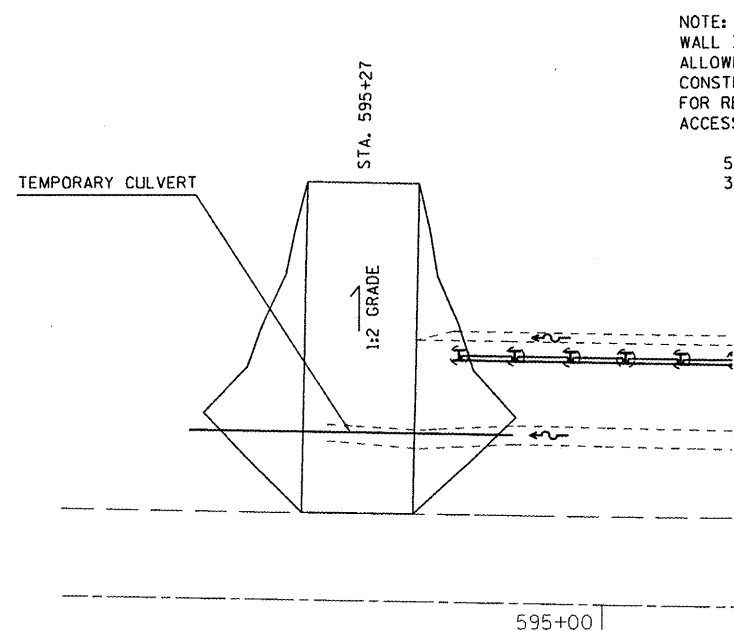
Soil Description	Depth (ft)	Bulge (ft)	Shear (tsf)	Penetrometer (ft)	W.O.P. (ft)	Before Seating (ft)	SPT (N)
Pavement Materials Drilled very easy to 3 ft	0 - 3						
Very Dark Grey Moist SILTY CLAY (Till) (continued)	3 - 4						17
	4 - 8						B
	8 - 10						
Reddish Brown Moist Weathered Clayey SHALE (Displaced)	10 - 12						14
	12 - 15						P
	15 - 20						
	20 - 25						
	25 - 30						
	30 - 35						
	35 - 40						
	40 - 45						
	45 - 50						
	50 - 55						
	55 - 60						
	60 - 65						
	65 - 70						
	70 - 75						
	75 - 80						
	80 - 85						
	85 - 90						
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	95 - 100						
	100 - 105						
	105 - 110						
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	980 - 985						
	985 - 990						
	990 - 995						
	995 - 1000						

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Latitude 40° 07.424N Longitude 90° 32.199W Datum NAD83 Job Number NA083 Job Number No Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



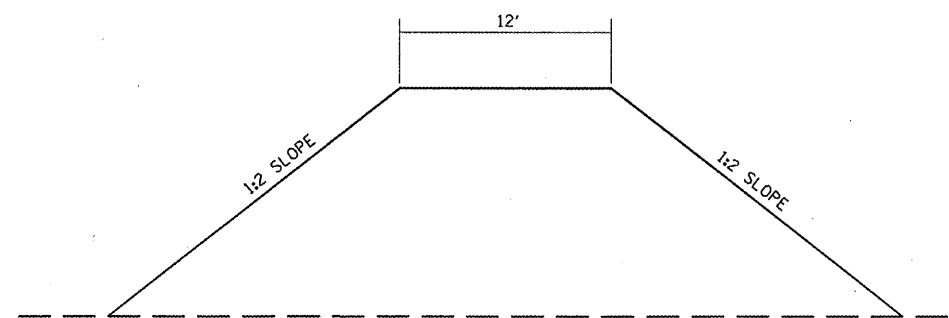
HEAVY DUTY EROSION CONTROL BLANKET



TEMPORARY EARTH RAMP

NOTE: THE CONTRACTOR IS RESPONSIBLE FOR GAINING ACCESS TO THE AREA BEHIND THE WALL IF THE CONSTRUCTION METHOD CHOSEN NECESSITATES. NO COMPENSATION WILL BE ALLOWED FOR PROVIDING AND MAINTAINING ACCESS. IF THE CONTRACTOR CHOOSES TO CONSTRUCT AN EARTH RAMP, THE FOLLOWING DETAILS AND INFORMATION MAY BE USED FOR REFERENCE. NO COMPENSATION WILL BE MADE FOR ITEMS USED FOR TEMPORARY ACCESS. QUANTITIES NEEDED (APPROXIMATE):

55 CU YD OF FILL  
35 FEET OF TEMPORARY PIPE CULVERT



TYPICAL SECTION FOR EARTH RAMP

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

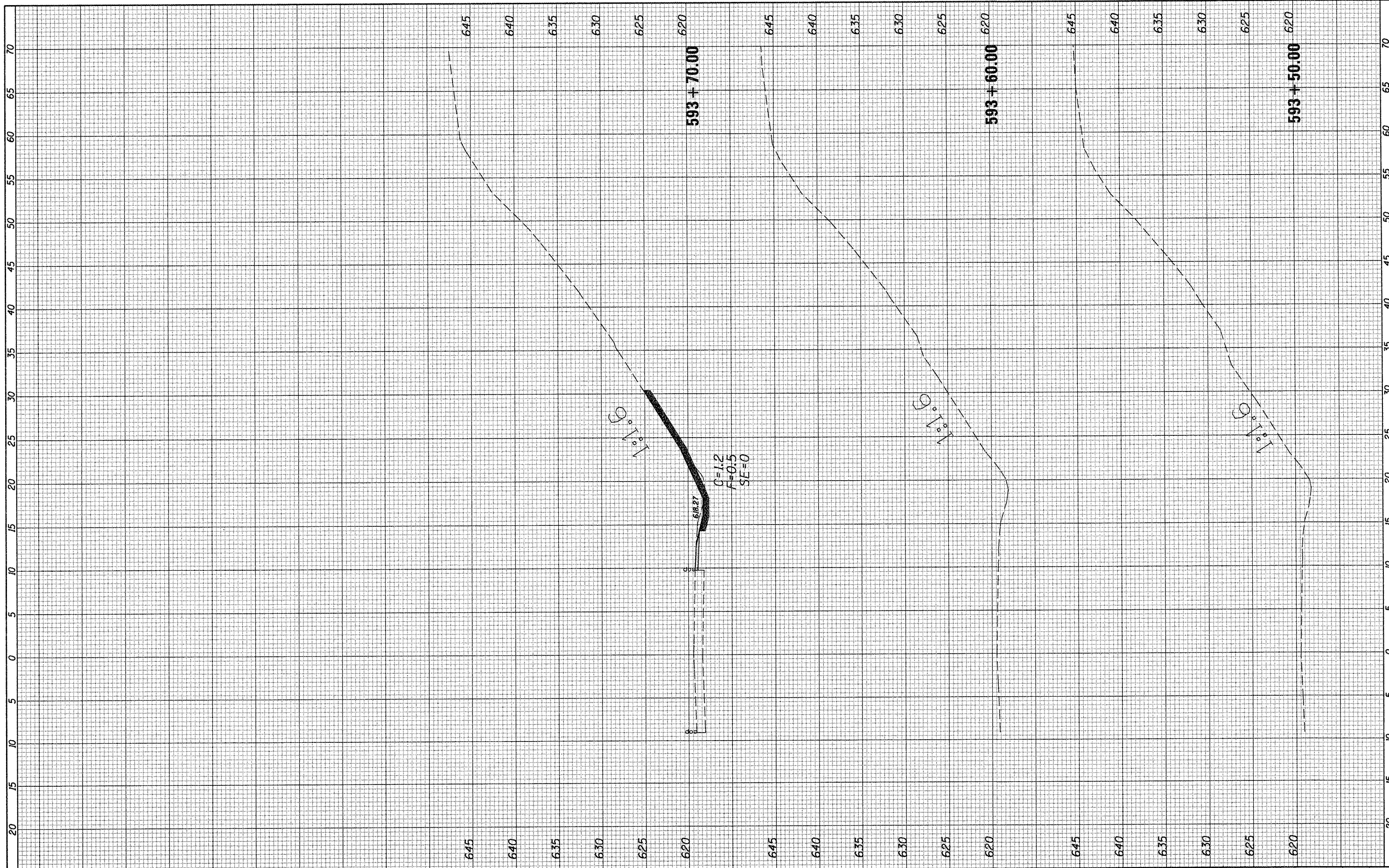
DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)I-2	SCHUYLER	18	11
CONTRACT NO. 72E37				
ILLINOIS FED. AID PROJECT				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.



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

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



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 PLOT SCALE = 10.0000 / in.  
 PLOT DATE = Oct-12-2011 11:41:59AM

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

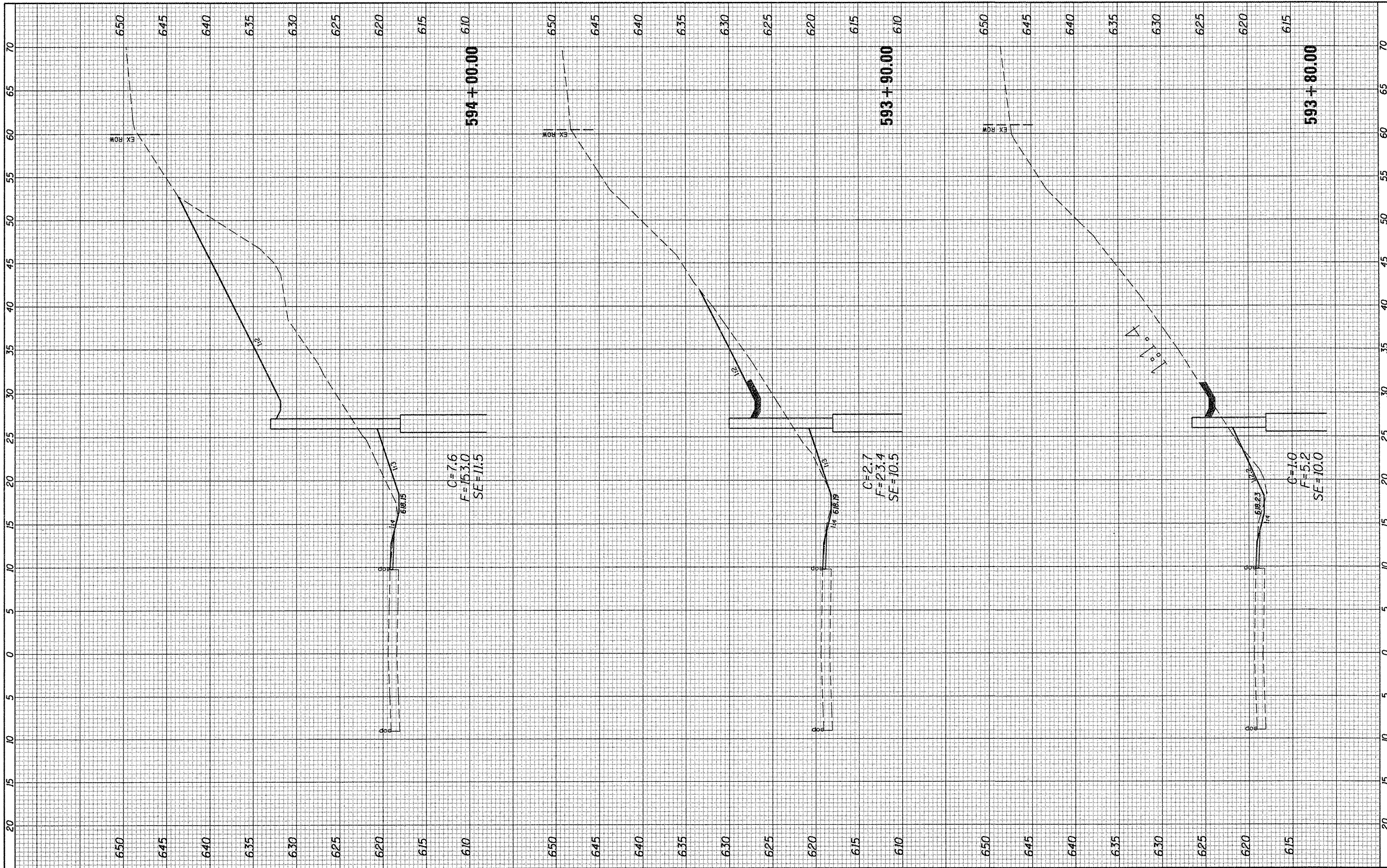
SCALE: SHEET OF SHEETS STA. 593+50.00 TO STA. 593+70.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)-2	SCHUYLER	18	12
				CONTRACT NO. 72E37
ILLINOIS FED. AID PROJECT				



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

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



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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 593+80.00 TO STA. 594+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(451)-2	SCHUYLER	18	13
			CONTRACT NO. 72E37	
ILLINOIS FED. AID PROJECT				

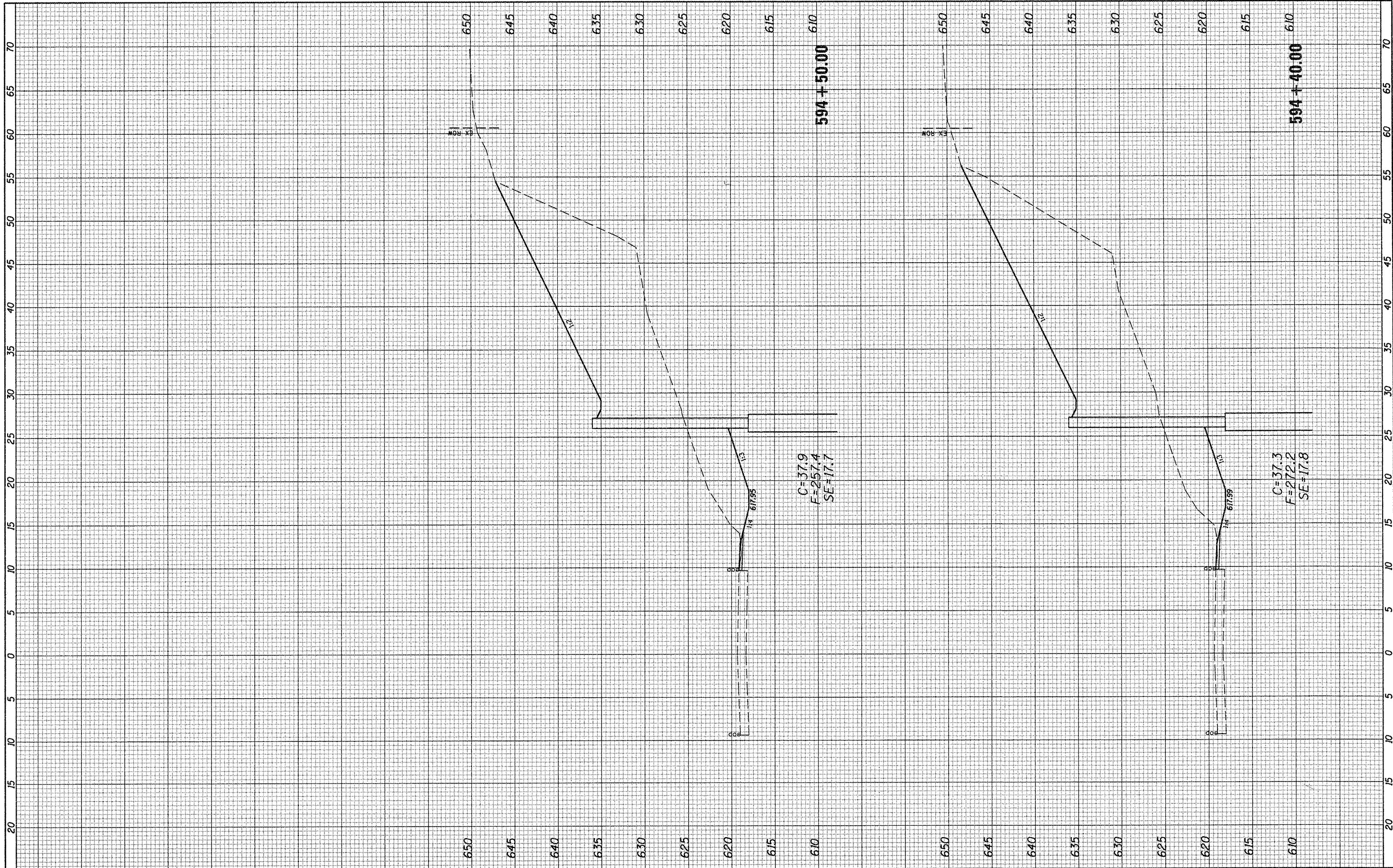






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ORIGINAL SURVEY NO.	SURVEYED BY	DATE



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

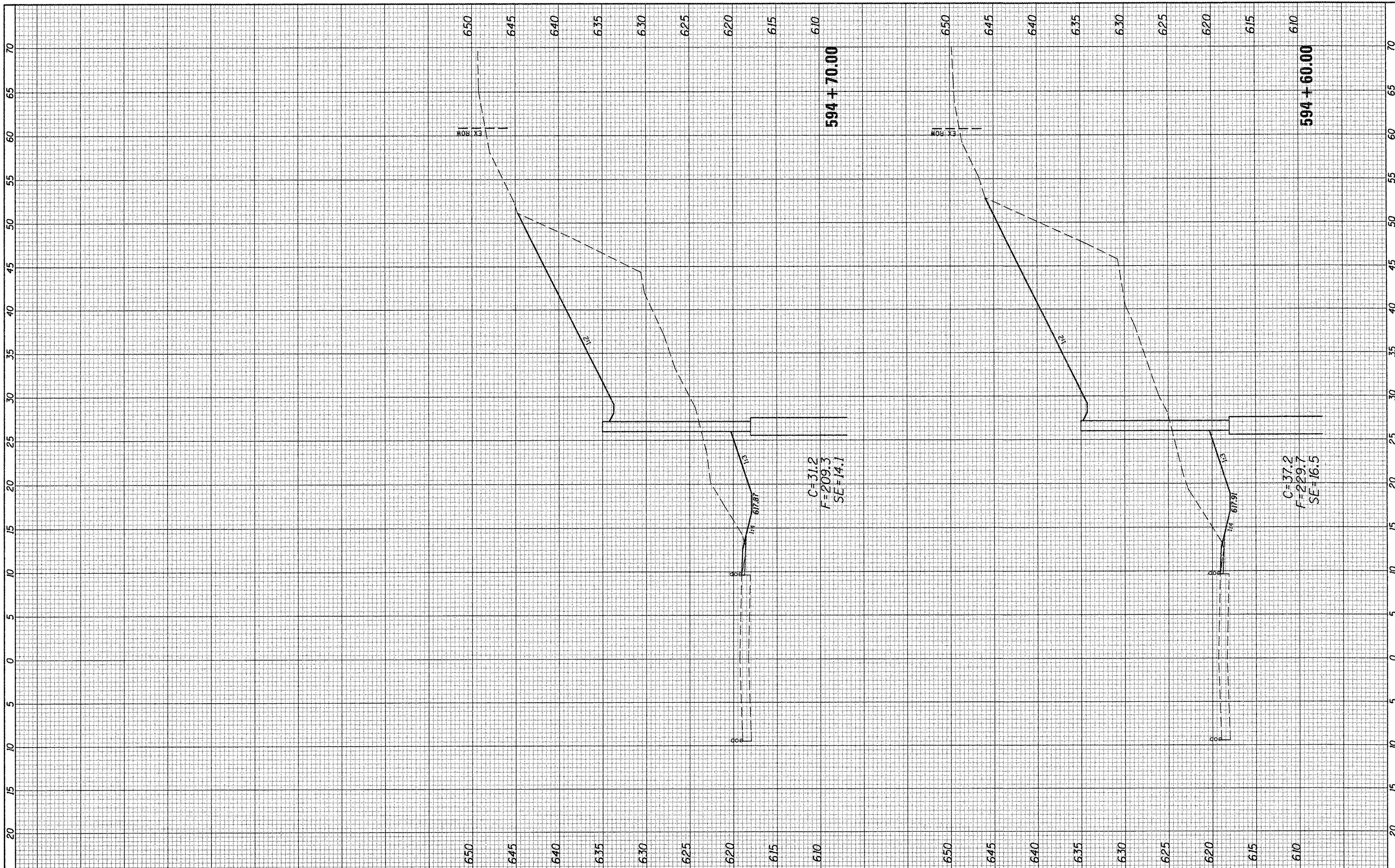
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)I-2	SCHUYLER	18	15
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	



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

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



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

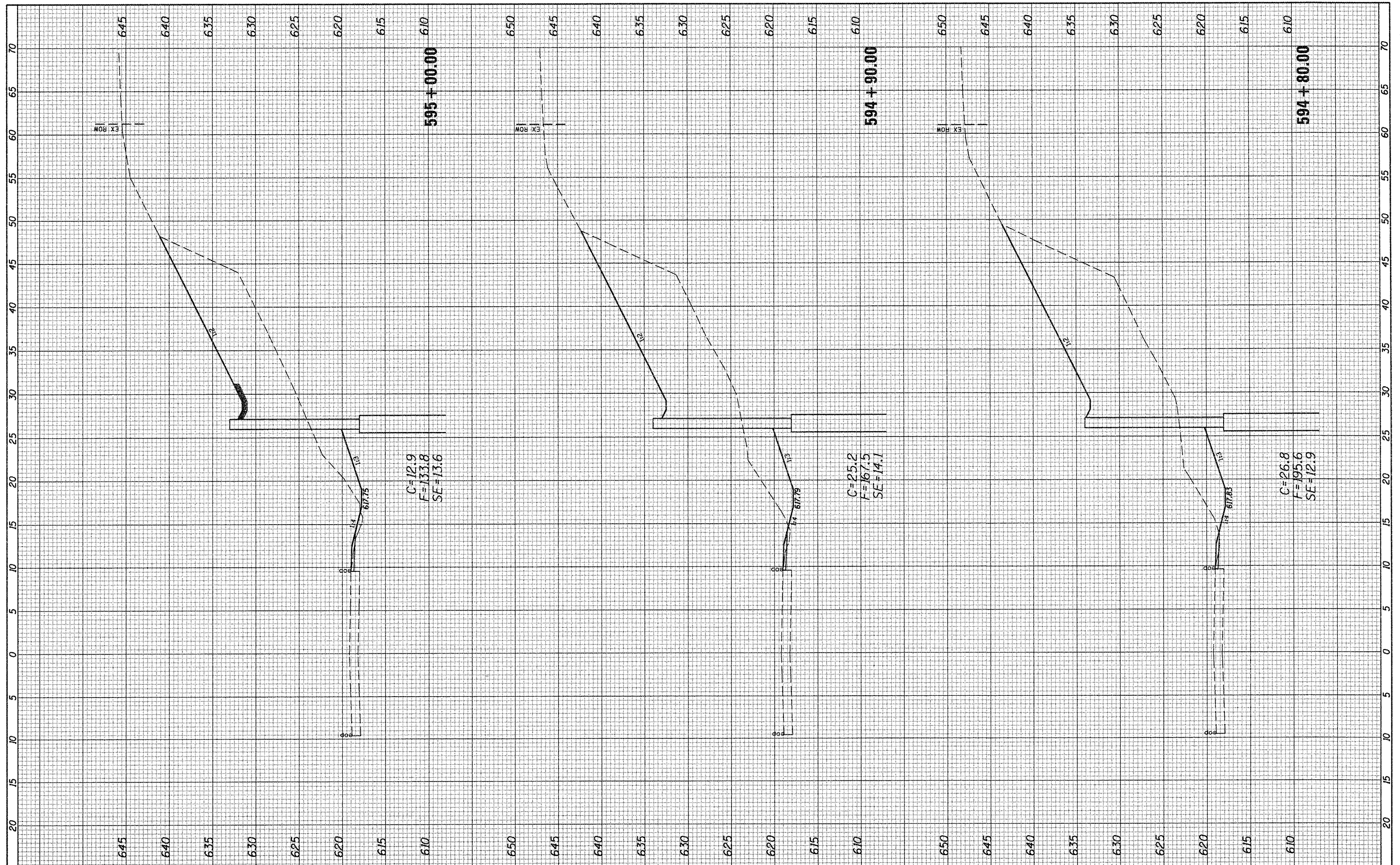
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F.A.S. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)-2	SCHUYLER	18	16
				CONTRACT NO. 72E37
				ILLINOIS FED. AID PROJECT



FINAL SURVEY NO.	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY NO.	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = edwards_id	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 594+80.00 TO STA. 595+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	(45)I-2	SCHUYLER	18	17
CONTRACT NO. 72E37			ILLINOIS FED. AID PROJECT	



