

08-02-2024 LETTING ITEM 055

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED LOCAL BRIDGE FORMULA PROGRAM

PROJECT STC4(926)
SECTION 94-08112-00-BR
WHITLEY ROAD DISTRICT
MOULTRIE COUNTY

T.R. 142A
PROPOSED STRUCTURE NO. 070-4827
C-97-093-23

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 142A	94-08112-00-BR	MOULTRIE	41	1
FED. ROAD DIST. NO.		ILLINOIS CONTRACT NO. 95945		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	SUMMARY OF QUANTITIES AND GENERAL NOTES
3.	SCHEDULE OF QUANTITIES
4-5.	TYPICAL CROSS SECTIONS
6-8.	PLAN AND PROFILE
9-18.	BRIDGE PLANS
19-41.	STATION CROSS SECTIONS

HIGHWAY STANDARDS:

280001-07	TEMPORARY EROSION CONTROL SYSTEMS
515001-04	NAME PLATE FOR BRIDGES
701901-09	TRAFFIC CONTROL DEVICES
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 23-4	TRAFFIC BARRIER TERMINAL, TYPE 1
BLR 27-1	TRAFFIC BARRIER TERMINAL, TYPE 5A

UTILITIES

IL CONSOLIDATED COMMUNICATIONS
121 S. 17TH STREET
MATTOON, IL 61938

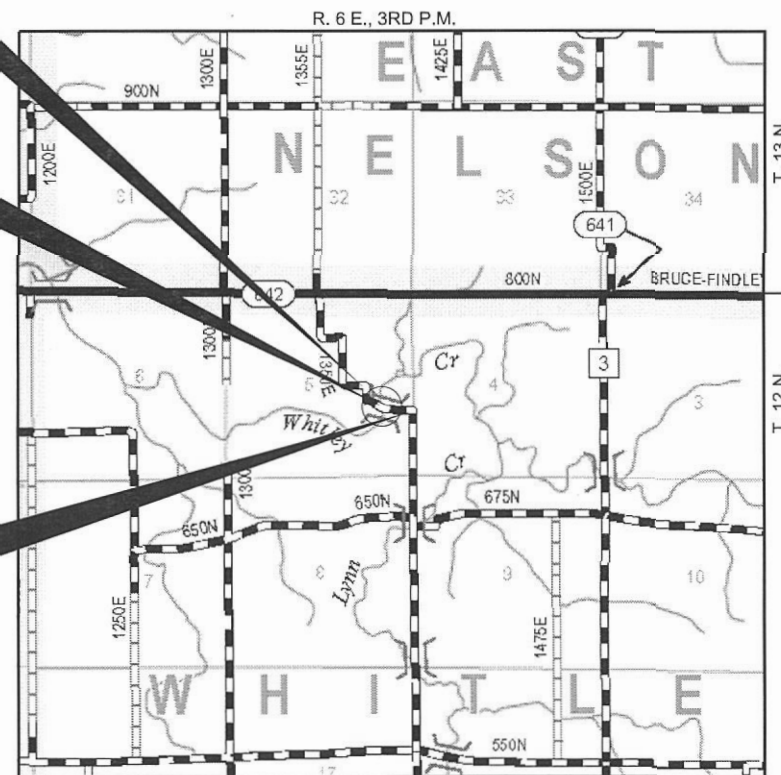
MOULTRIE COUNTY RURAL WATER
1070 ILLINOIS 32
SULLIVAN, IL 61951

COLE-MOULTRIE ELECTRIC CO-OP
104 DEWITT AVE. EAST
P.O. BOX 709
MATTOON, IL 61938

STA. 25+00
PRECAST PRESTRESSED CONCRETE DECK BEAM
BRIDGE, SINGLE SPAN AT 84'-0"
27'-0" RDWY., SKEW = 30° SE = 3.0%
EXISTING STRUCTURE NO. 070-4801
PROPOSED STRUCTURE NO. 070-4827

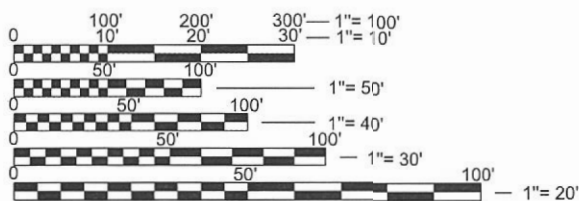
IMPROVEMENT ENDS
STATION 17+30

IMPROVEMENT BEGINS
STATION 27+75



LOCATION MAP

APPROXIMATE SCALE: 0 1/2 MILE
NET LENGTH OF SECTION = 1045 FEET = 0.200 MILES



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.

FUNCTIONAL CLASSIFICATION: LOCAL ROAD
DESIGN SPEED: 30 MPH
DESIGN TRAFFIC: 100 ADT



LOCATION OF SECTION INDICATED THUS: - ■ -

ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	April 30, 2024 <i>[Signature]</i> COUNTY ENGINEER
APPROVED	April 30, 2024 <i>[Signature]</i> TOWNSHIP COMMISSIONER
PASSED	05/31/24 <i>[Signature]</i> DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS 05/31/24 <i>[Signature]</i> REGION FOUR ENGINEER
Releasing For Bid Based on Limited Review STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	



DATE: 05/01/2024
HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS
 3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 217.546.3400 www.hlrengineering.com
 184.003959
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 PROJECT NUMBER: 19.0591.130 DATE: 05/01/2024

SUMMARY OF QUANTITIES

CODE NO.	ITEM	CONSTRUCTION TYPE CODE 0010	
		UNIT	TOTAL
20100500	TREE REMOVAL, ACRES	ACRE	0.5
20200100	EARTH EXCAVATION	CU YD	645
20300100	CHANNEL EXCAVATION	CU YD	85
20400800	FURNISHED EXCAVATION	CU YD	2,885
28000305	TEMPORARY DITCH CHECKS	FOOT	110
28000400	PERIMETER EROSION BARRIER	FOOT	950
28100207	STONE RIPRAP, CLASS A4	TON	440
28200200	FILTER FABRIC	SQ YD	842
28300400	AGGREGATE DITCH	TON	190
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2,015
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	45
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	33.4
50300280	CONCRETE ENCASEMENT	CU YD	3.4
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2,268
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5,080
* 50900205	STEEL RAILING, TYPE S1	FOOT	170
51201600	FURNISHING STEEL PILES HP12X53	FOOT	480
51202305	DRIVING PILES	FOOT	480
51203600	TEST PILE STEEL HP12X53	EACH	2
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	40
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	111
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2
67100100	MOBILIZATION	L SUM	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.0
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1

* SPECIALTY ITEMS

GENERAL NOTES

- 1) ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.
- 2) ALL CLEARING, GRUBBING, FENCE REMOVAL, PAVEMENT REMOVAL, AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. ALL AGGREGATE AND BITUMINOUS PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. REMOVAL AND DISPOSAL OF PAVEMENT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3) ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT.
- 4) THE LOCATION ON THE PLANS OF EXISTING DRAINAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- 5) THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

AGGREGATE BASE COURSE	2.05 TON/CU YD
STONE RIPRAP	1.75 TON/CU YD
- 6) THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER.

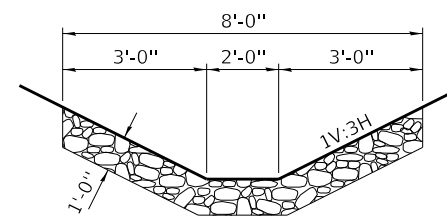
SEEDING, CLASS 2 (SPECIAL) =	1.0 ACRES
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- 7) ALL WASTE MATERIAL FROM EXCAVATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 8) THE EXISTING ROADWAY PAVEMENT SHALL BE DEGRADED OUTSIDE LIMITS OF PROPOSED BASE CONSTRUCTION. COST INCLUDED WITH EARTH EXCAVATION.
- 9) PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN. SEE SPECIAL PROVISIONS.
- 10) THE FOLLOWING ENTRANCE LOCATIONS SHALL BE KEPT OPEN AT ALL TIMES DURING CONSTRUCTION:
 RT. STA. 19+33, LT. STA. 26+10.
- 11) COMMITMENTS:
 - 1) TREES 3 INCHES OR GREATER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30 OF ANY GIVEN YEAR.
 - 2) THE BRIDGE BAT ASSESSMENT EXPIRES 2/21/2025. A VALID ASSESSMENT IS REQUIRED PRIOR TO PERFORMING ANY WORK BELOW THE EXISTING BRIDGE DECK SURFACE.

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100 CU.YD.	20300100 CU.YD.			CU.YD.	CU.YD.	CU.YD.
T.R. 142A							
STA. 17+30.00 TO STA. 24+55.78	450		25.00%	100.00%	338	2390	-2052
STA. 24+55.78 TO STA. 25+44.22		85	25.00%	70.00%	45		45
STA. 25+44.22 TO STA. 27+75.00	122		25.00%	100.00%	91	898	-807
ENTRANCE STA. 23+90.00	73					73	-73
TOTAL	645	85			474	3361	-2887
USE	645	85					2885

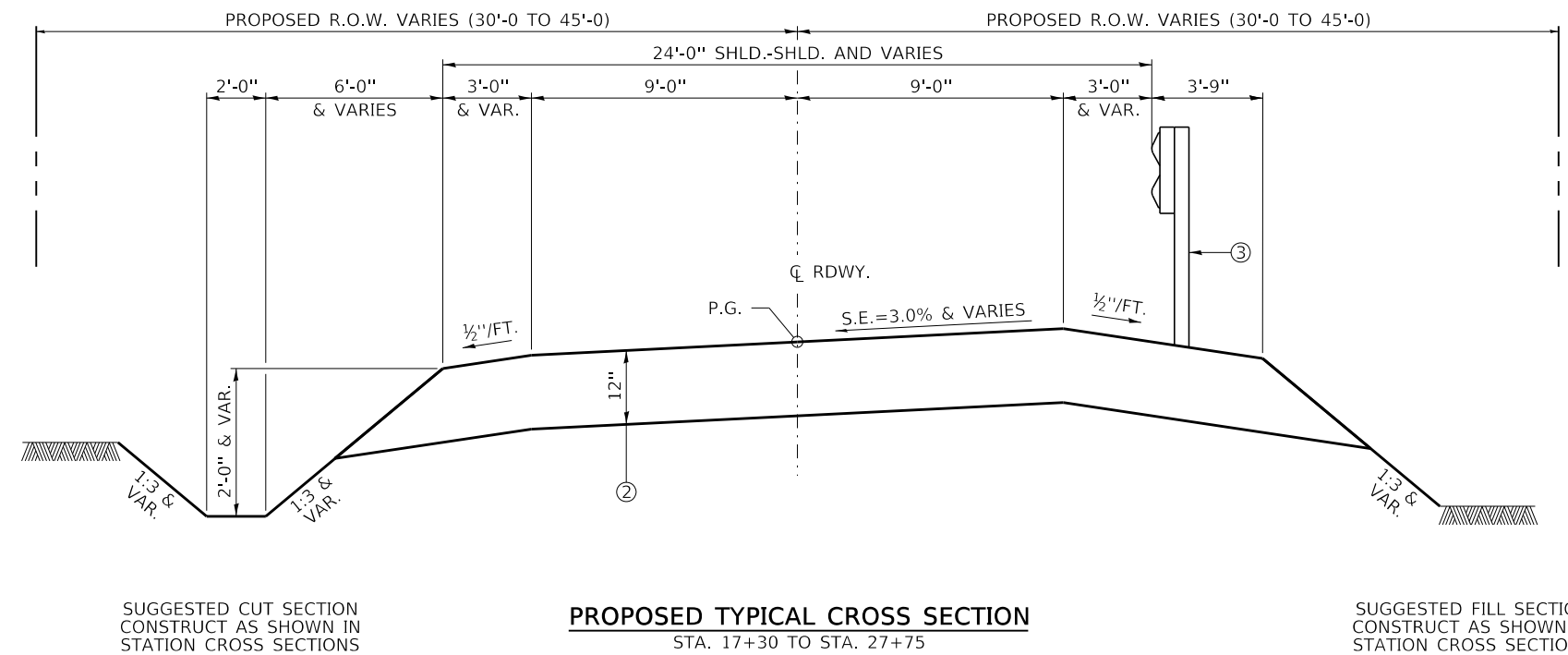
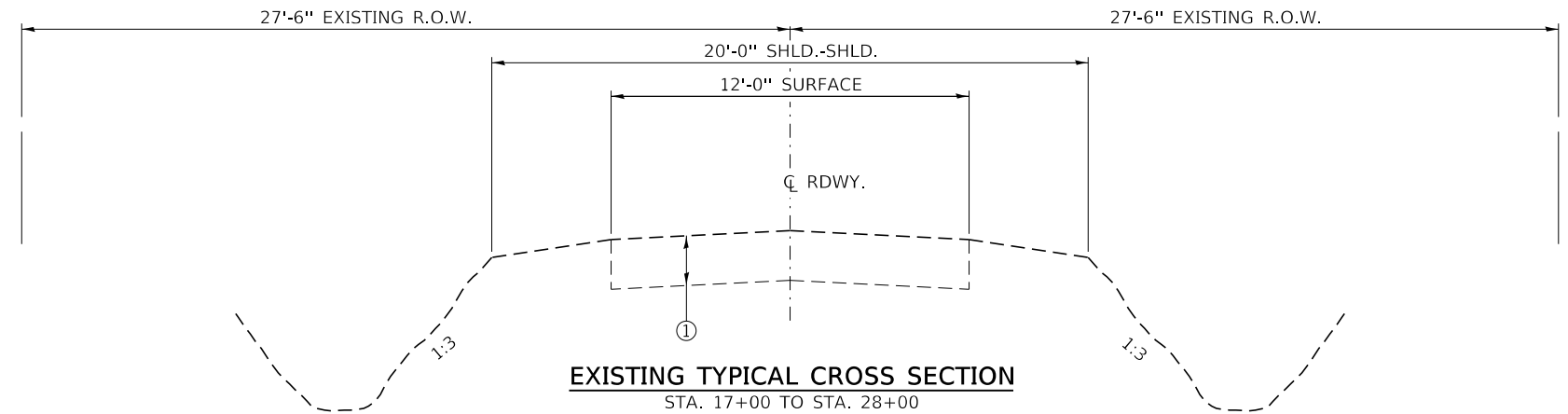
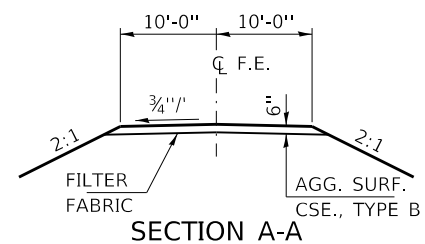
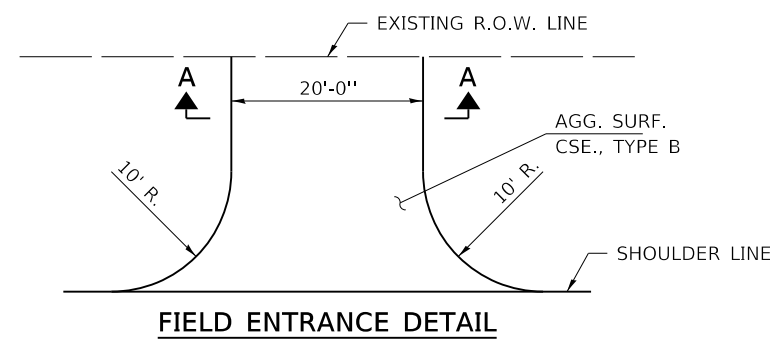
FURNISHED 2885 CU YDS

ROADWAY SCHEDULE		
LOCATION	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B
	35101400 TON	40200800 TON
T.R. 142A		
STA. 17+30.00 TO STA. 24+55.78	1530	
STA. 25+44.22 TO STA. 27+75.00	485	
ENTRANCES STA. 19+33		15
ENTRANCES STA. 26+10		30
TOTAL	2015	45

EROSION CONTROL TABLE		
LOCATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER
	28000305 FOOT	28000400 FOOT
T.R. 142A		
LT. STA. 18+00	10	
RT. STA. 18+00	10	
LT. STA. 20+00	10	
RT. STA. 20+00	10	
LT. STA. 19+05	10	
RT. STA. 19+05	10	
LT. STA. 21+00	10	
RT. STA. 21+00	10	
LT. STA. 25+41	10	
LT. STA. 26+27	10	
LT. STA. 26+95	10	
LT. STA. 21+00.0 TO LT. STA. 23+80.0		280
RT. STA. 21+00.0 TO RT. STA. 24+80.0		445
RT. STA. 25+50.0 TO RT. STA. 27+75.0		225
TOTAL	110	950
USE	110	950



AGGREGATE DITCH (RR1)
LT. STA. 25+24 TO STA. 27+75

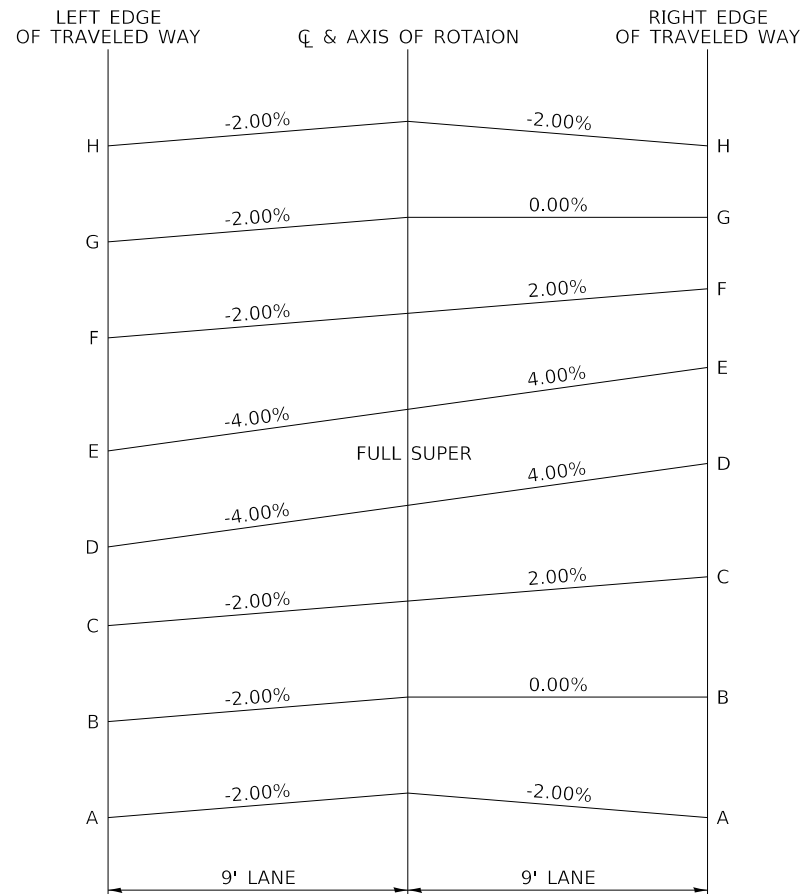


LEGEND

- ① EXISTING AGGREGATE SURFACE
- ② PROPOSED AGGREGATE BASE COURSE, TYPE B
- ③ TBT TY 5A, TY 1 SPL.

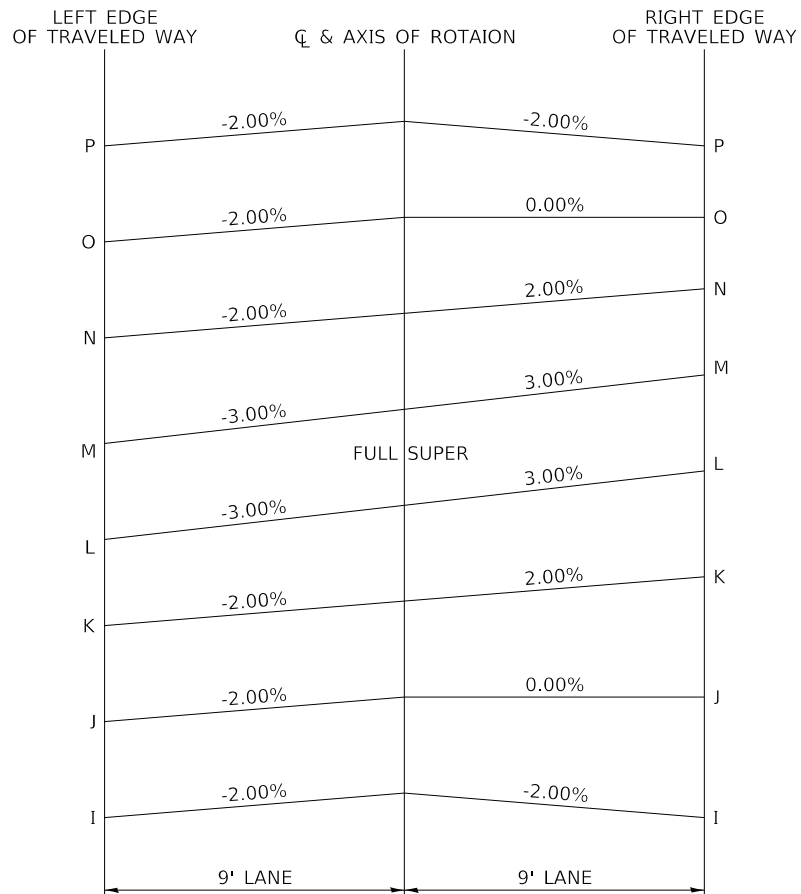
FILE NAME = 190591-shit-tysec.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	TYPICAL CROSS SECTIONS		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					DRAWN - T.D.S.	REVISED -	142A	94-08112-00-BR	MOULTRIE	41	4
PLOT SCALE = \$SCALE\$					CHECKED - S.W.M.	REVISED -	WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
PLOT DATE = 5/1/2024					DATE - 05/01/2024	REVISED -	C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)		

CURVE 1 SUPERELEVATION TRANSITION DETAIL



CURVE 1 SUPERELEVATION TRANSITION			
LOCATION	STATION	CROSS SLOPE	
		LEFT	RIGHT
A	17+32.00	-2.00%	-2.00%
B	17+59.40	-2.00%	0.00%
C	17+86.80	-2.00%	2.00%
D	18+14.00	-4.00%	4.00%
FULL SUPER			
E	20+34.00	-4.00%	4.00%
F	20+61.20	-2.00%	2.00%
G	20+88.60	-2.00%	0.00%
H	21+16.00	-2.00%	-2.00%

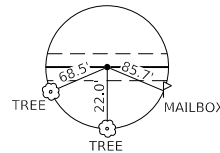
CURVE 2 SUPERELEVATION TRANSITION DETAIL



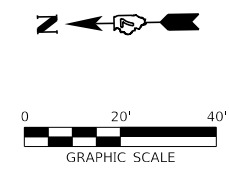
CURVE 2 SUPERELEVATION TRANSITION			
LOCATION	STATION	CROSS SLOPE	
		LEFT	RIGHT
I	22+02.00	-2.00%	-2.00%
J	22+29.40	-2.00%	0.00%
K	22+56.80	-2.00%	2.00%
L	22+70.00	-3.00%	3.00%
FULL SUPER			
M	26+68.00	-3.00%	3.00%
N	26+81.20	-2.00%	2.00%
O	27+08.60	-2.00%	0.00%
P	27+36.00	-2.00%	-2.00%

HORIZONTAL ALIGNMENT TABLE

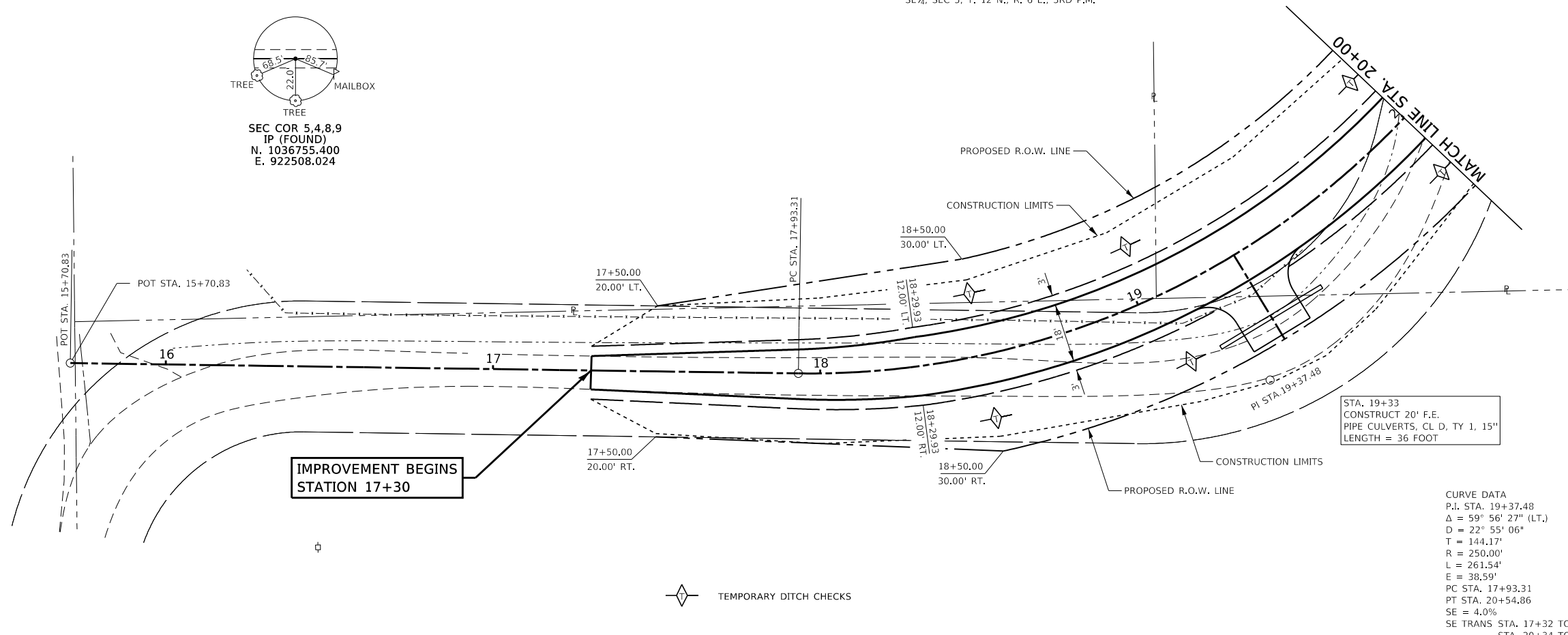
LOCATION	STATION	NORTHING	EASTING	P.G. ELEV.
T.R. 142A				
P.O.T.	15+70.83	1036747.864	922785.849	627.08
S.E. - A	17+32.00	1036586.777	922780.679	623.72
S.E. - B	17+59.40	1036559.391	922779.800	623.15
S.E. - C	17+86.80	1036532.005	922778.921	622.57
P.C.	17+93.31	1036525.494	922778.712	622.44
S.E. - D	18+14.00	1036504.815	922778.904	622.01
P.I.	19+37.48	1036381.403	922774.088	619.43
S.E. - E	20+34.00	1036484.903	922780.714	617.75
P.T.	20+54.86	1,036,305.23	922,896.48	617.63
S.E. - F	20+61.20	1036301.873	922901.870	617.61
S.E. - G	20+88.60	1036287.395	922925.132	617.60
S.E. - H	21+16.00	1036272.917	922948.394	617.60
S.E. - I	22+02.00	1036227.474	923021.408	617.60
S.E. - J	22+29.40	1036212.996	923044.671	617.60
S.E. - K	22+56.80	1036198.518	9023067.933	617.62
P.C.	22+63.41	1036195.028	923073.541	617.64
S.E. - L	22+70.00	1036191.564	923079.152	617.68
P.I.	24+80.36	1036080.391	923257.731	620.70
S.E. - M	26+68.00	1036064.287	923452.837	623.04
S.E. - N	26+81.20	1036062.971	923465.971	623.53
P.T.	26+89.18	1036062.269	923549.101	623.84
S.E. - O	27+08.60	1036060.647	923493.272	624.69
S.E. - P	27+36.00	1036058.358	923520.576	626.04
P.O.T.	28+86.50	1036045.787	923670.549	641.41



SEC COR 5,4,8,9
IP (FOUND)
N. 1036755.400
E. 922508.024



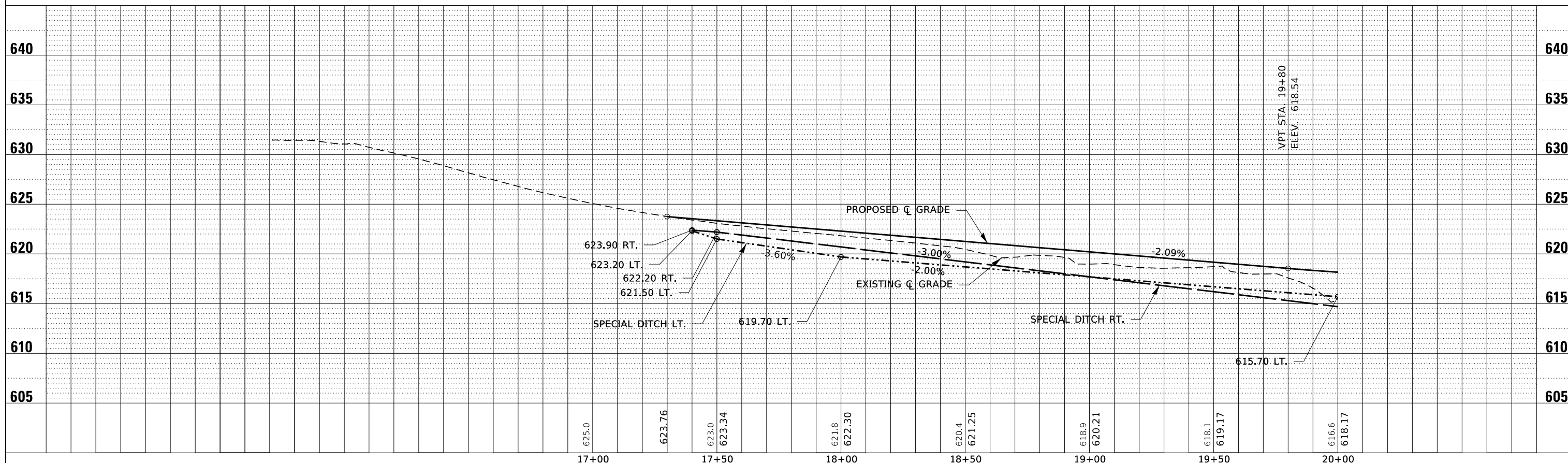
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	



CURVE DATA
P.I. STA. 19+37.48
 $\Delta = 59^\circ 56' 27''$ (LT.)
 $D = 22^\circ 55' 06''$
 $T = 144.17'$
 $R = 250.00'$
 $L = 261.54'$
 $E = 38.59'$
PC STA. 17+93.31
PT STA. 20+54.86
SE TRANS STA. 17+32 TO STA. 18+14
STA. 20+34 TO STA. 21+16

JAMES R. & BETTY J. SELBY
SE 1/4, SEC 5, T. 12 N., R. 6 E., 3RD P.M.

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATING CHECKED	
	NO.	

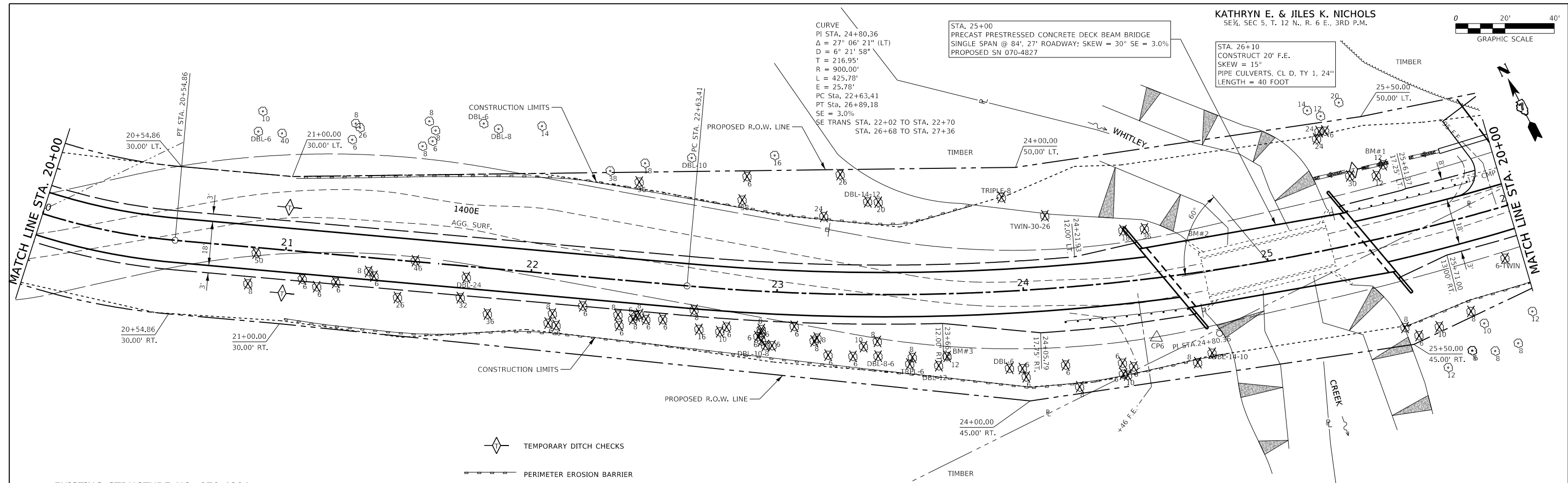


FILE NAME = 190591-shi-FinPrf.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	PLAN & PROFILE	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC. 3065 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62765 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	DRAWN - T.W.K.	REVISED -			142A	94-08112-00-BR	MOULTRIE	41	6	
PLOT DATE = 5/1/2024	DATE = 05/01/2024	CHECKED - S.W.M.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945			
		REVISIONS				SCALE: 20V:5H	SHEET NO. 1 OF 3 SHEETS	STA. 17+00.00 TO STA. 20+00.00	C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)

CURVE
PI STA. 24+80.36
Δ = 27° 06' 21" (LT)
D = 6° 21' 58"
T = 216.95'
R = 900.00'
L = 425.78'
E = 25.78'
PC Sta. 22+63.41
PT Sta. 26+89.18
SE = 3.0%
SE TRANS STA. 22+02 TO STA. 22+70
STA. 26+68 TO STA. 27+36

STA. 25+00
PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE
SINGLE SPAN @ 84', 27' ROADWAY; SKEW = 30° SE = 3.0%
PROPOSED SN 070-4827

STA. 26+10
CONSTRUCT 20' F.E.
SKEW = 15°
PIPE CULVERTS, CL D, TY 1, 24"
LENGTH = 40 FOOT



DATE	BY	REVIEWED	DATE
		PLOTTED	
		ALIGNMENT CHECKED	
		PROPOSED CHECKED	
		ROAD FILE NAME	
		NO.	
		PLAN	

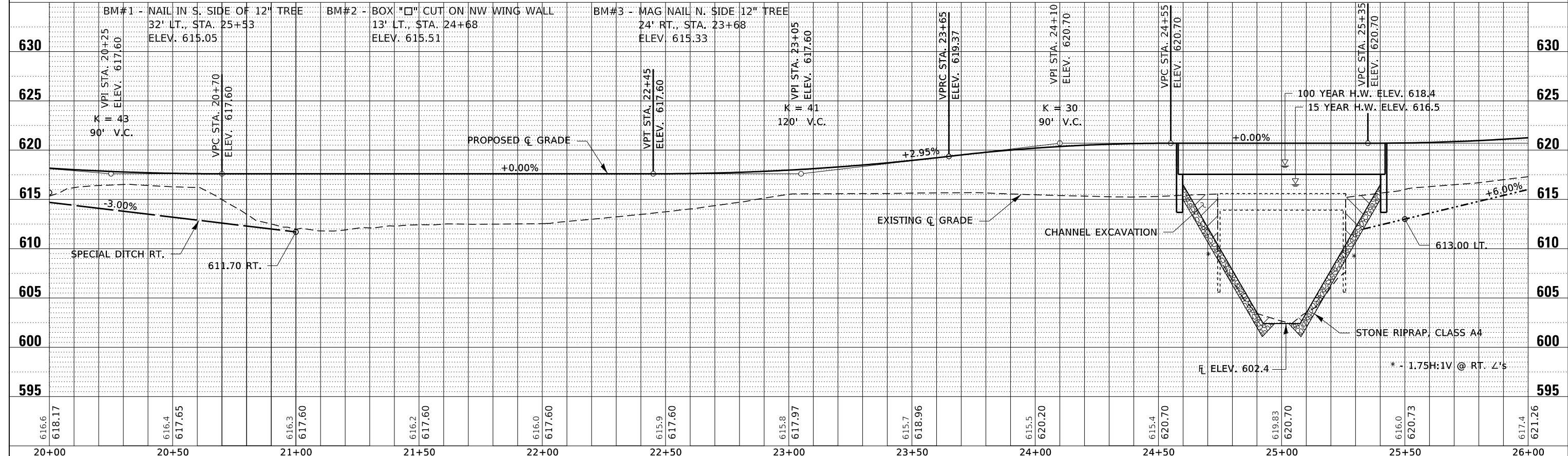
EXISTING STRUCTURE NO. 070-4801
STATION 25+00 - SINGLE SPAN REINFORCED CONCRETE
THRU GIRDER BRIDGE ON CLOSED CONCRETE ABUTMENTS
AND WINGWALLS.
50.0' FC-FC, ABUTS; 20.1' o.-o. DECK

JAMES R. & BETTY J. SELBY
SE 1/4, SEC 5, T. 12 N., R. 6 E., 3RD P.M.

TREE REMOVAL ✕
INDICATES TREE TO BE REMOVED

KATHRYN E. & JILES K. NICHOLS
SE 1/4, SEC 5, T. 12 N., R. 6 E., 3RD P.M.

DATE	BY	REVIEWED	DATE
		PLOTTED	
		GRADES CHECKED	
		STRUCTURE NOTATING CHECKED	
		NO.	
		PROFILE	

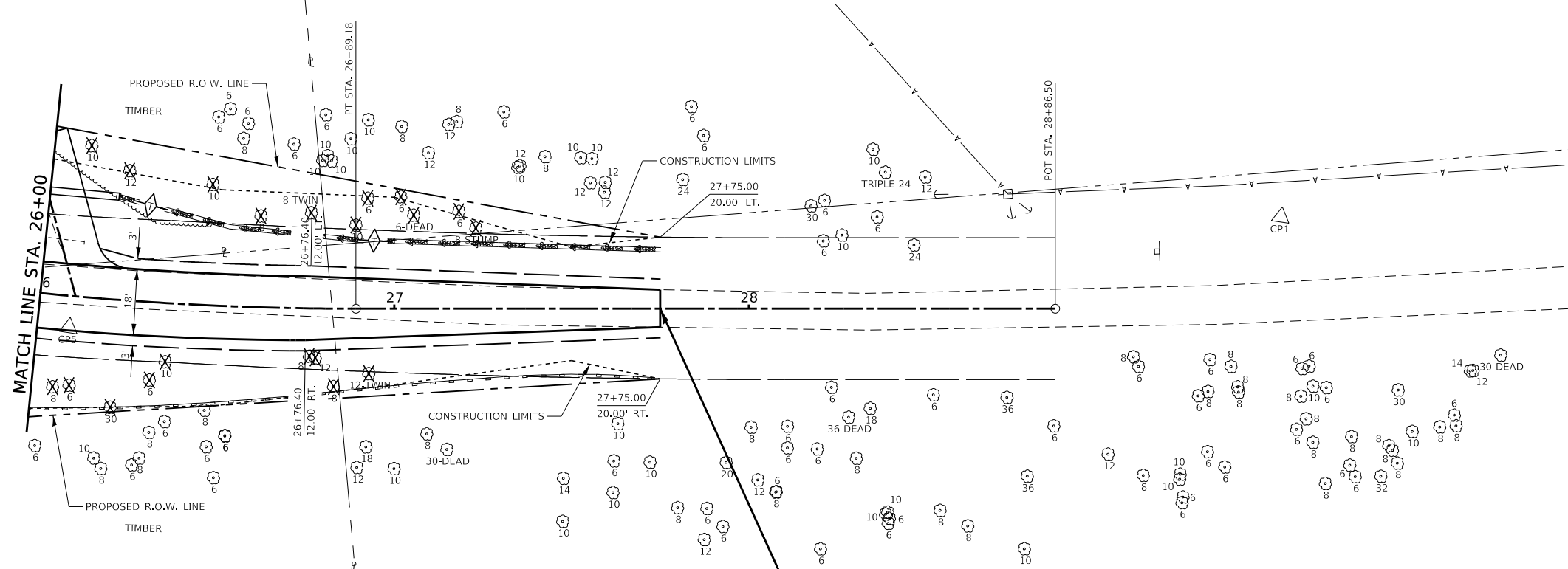
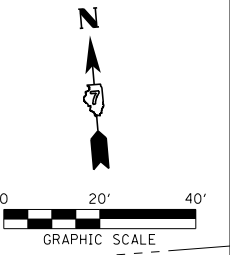


FILE NAME = 190591-sh1-FinPrf.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -	<p align="center">STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT</p>	<p align="center">PLAN & PROFILE</p>	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3065 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE = 1"=50'	DRAWN - T.W.K.	REVISED -			142A	94-08112-00-BR	MOULTRIE	41	7
PLOT DATE = 5/1/2024	DATE = 05/01/2024	CHECKED - S.W.M.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
		SCALE: 20V:5H	REVISED -			SHEET NO. 2 OF 3 SHEETS		STA. 20+00.00 TO STA. 26+00.00		C-97-093-23

PLAN	REVIEWED	DATE
	BY	
	NOTED	
	DATE	
	NO.	

PROFILE	REVIEWED	DATE
	BY	
	NOTED	
	DATE	
	NO.	

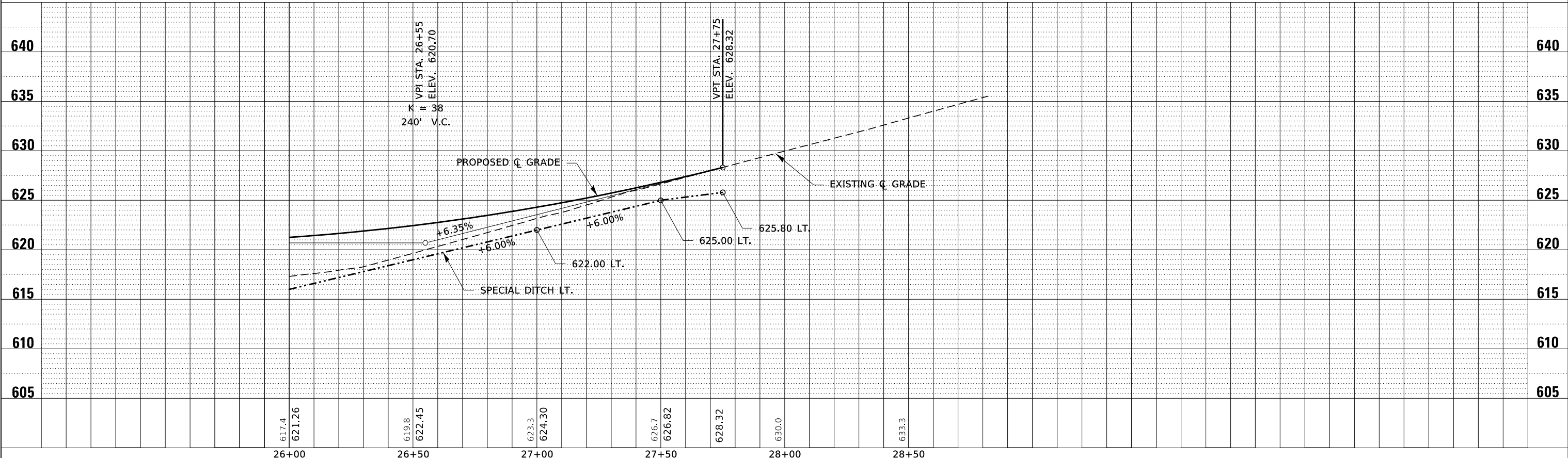
KATHRYN E. & JILES K. NICHOLS
SE 1/4, SEC 5, T. 12 N., R. 6 E., 3RD P.M.



- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- AGGREGATE DITCH

TREE REMOVAL INDICATES TREE TO BE REMOVED

KATHRYN E. & JILES K. NICHOLS
SE 1/4, SEC 5, T. 12 N., R. 6 E., 3RD P.M.



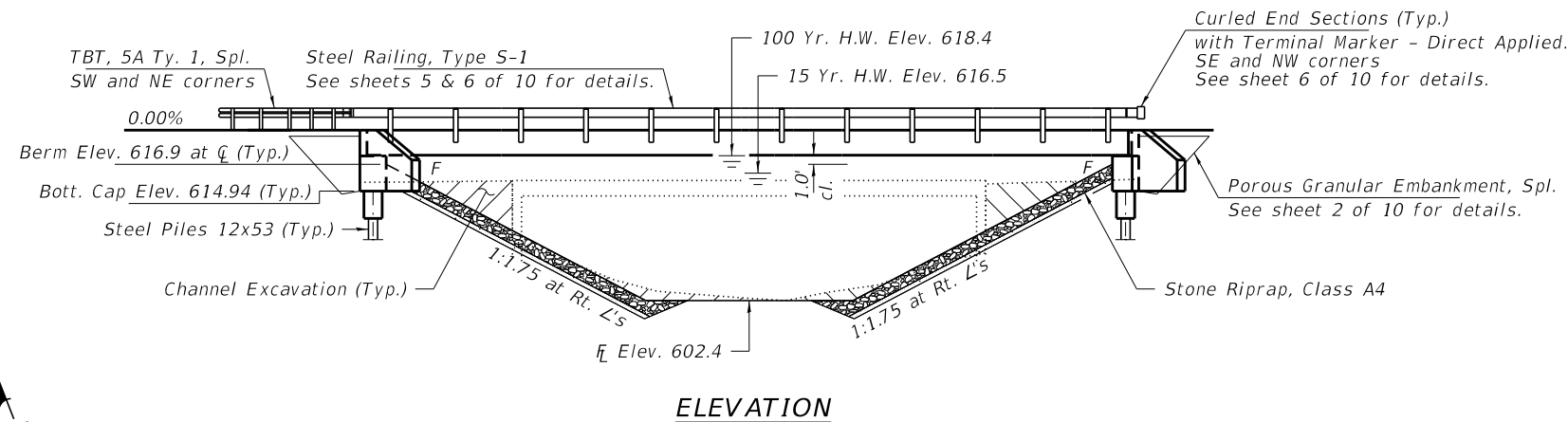
FILE NAME = 190591-shi-FinPrf.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	PLAN & PROFILE	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC. <small>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62765 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</small>						142A	94-08112-00-BR	MOULTRIE	41	8	
PLOT SCALE = \$SCALE\$ PLOT DATE = 5/1/2024						CHECKED - S.W.M.	REVISED -	WHITLEY ROAD DISTRICT		CONTRACT NO. 95945	
DATE = 05/01/2024						REVISED -	SCALE: 20V:5H	SHEET NO. 3 OF 3 SHEETS	STA. 26+00.00 TO STA. 29+00.00	ILLINOIS FED. AID PROJECT STC4(926)	

BENCHMARK: Box "□" Cut on NW wing wall 13' Lt., Sta. 24+68, Elev. 615.51

EXISTING STRUCTURE NO. 070-4801: Sta. 25+00 - Single Span reinforced concrete thru girder bridge on closed concrete abutments and wingwalls. 50.0' fc.-fc.; 20.1' o.-o. deck.

Structure closed to traffic during construction.

No Salvage

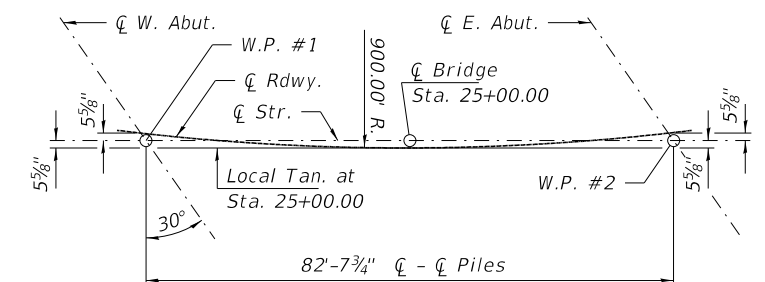
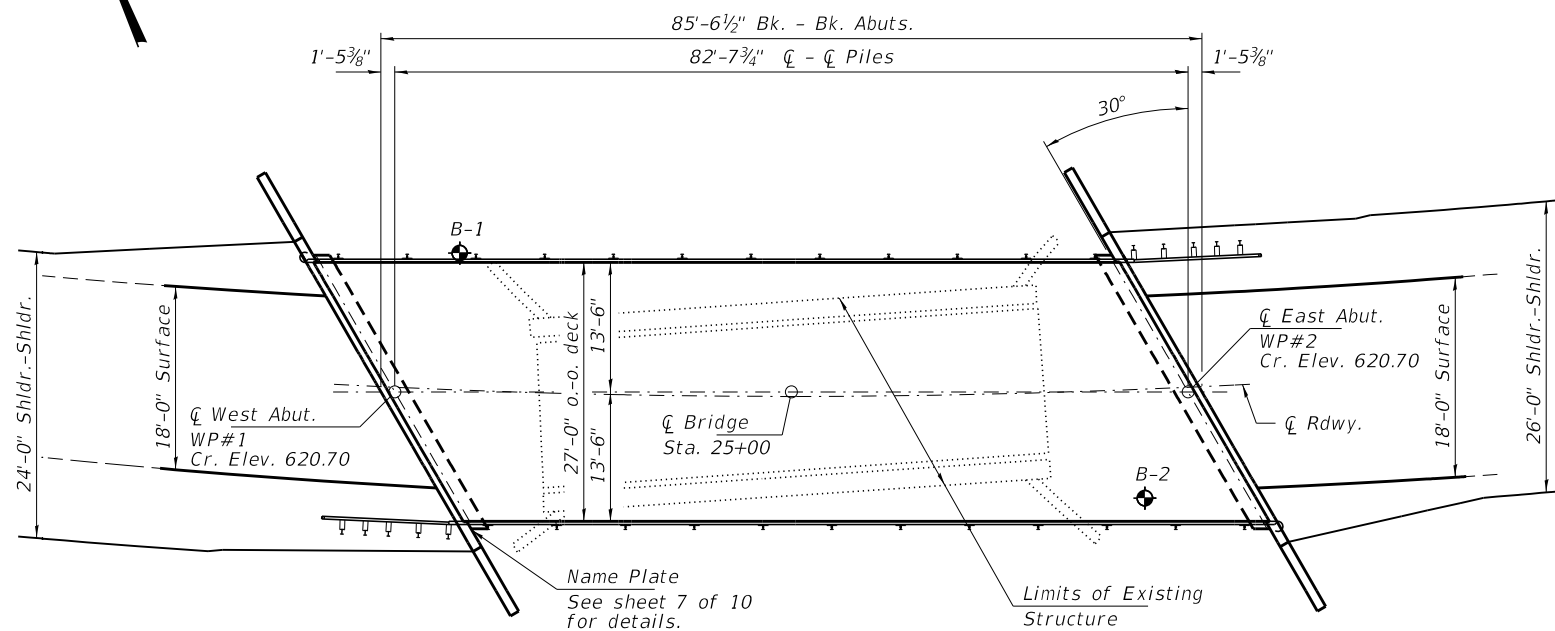


GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at the East and West Abutments or approved by the Engineer before ordering the remainder of piles. Reinforcement bars designated (E) shall be epoxy coated. Excavation required to construct the Abutments shall be included in the cost of Concrete Structures. No additional compensation will be allowed for Structure Excavation. All proposed construction activities shall be in accordance with Nationwide Permit number 14 of the Department of the Army authorized under Section 404 of the Clean Water Act. The IEPA has issued Section 401 Water Quality Certification for this activity. See Special Provisions for conditions.

INDEX OF STRUCTURE SHEETS

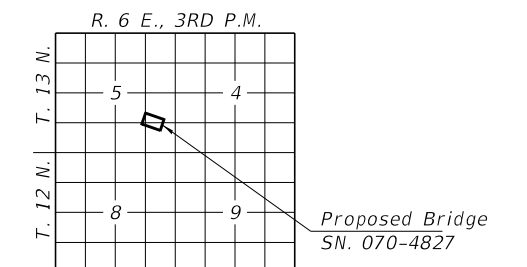
1. General Plan & Elevation
2. Riprap Details
3. 33"x36" PPC Deck Beam
4. 33"x36" PPC Deck Beam Details
5. Superstructure Details
6. Steel Railing, Type S-1
7. South Abutment
8. North Abutment
9. Steel HP Pile Details
10. Borings



OFFSET SKETCH

NAME PLATE
See Std. 515001

WHITLEY CREEK
BUILT 202 BY
MOULTRIE COUNTY
SEC. 94-08112-00-BR
WHITLEY ROAD DISTRICT
STR. NO. 070-4827
LOADING HL-93



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition with all interims.

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
f'Y = 60,000 psi (Reinf.)

PRECAST PRESTRESSED UNITS

f'c = 6,000 psi
f'ci = 3,500 psi
fpu = 270,000 psi (1/2"Ø low lax. strands)
fpbt = 201,960 psi (1/2"Ø low lax. strands)
fy = 60,000 psi (Reinf.)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.074g
Design Spectral Acceleration at 0.2 sec. (SD5) = 0.129g
Soil Site Class = C

WATERWAY INFORMATION

		Existing Low Grade Elev. 615.4 at Sta. 24+50		Proposed Low Grade Elev. 617.6 at Sta. 22+00		
		Drainage Area = 10.9 Sq. Ft.				
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist. Prop.	Nat. H.W.E. Exist. Prop.	Head - Ft. Exist. Prop.	Headwater El. Exist. Prop.
Design	15	3,030	470 570	616.0 616.5	0.4 0.3	616.4 616.9
Base	100	4,709	470 650	618.4 618.4	0.0 0.5	618.4 618.9
Scour Check	200	5,460	470 650	619.0 619.8	0.2 0.1	619.2 619.4
Max. Calc.	500	6,350	470 650	619.8 619.8	0.1 0.3	619.9 620.1

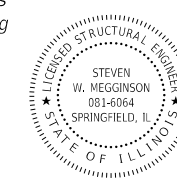
10 Year Velocity through Existing Bridge = 5.6 fps 10 Year Velocity through Proposed Bridge = 4.9 fps

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour Elev. (ft.)		Item 113
	S. Abut.	N. Abut.	
Q100	614.0	614.0	8
Q200	614.0	614.0	
Design	614.0	614.0	
Check	614.0	614.0	

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."

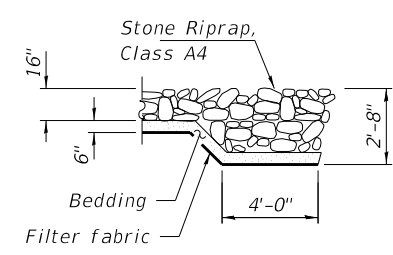
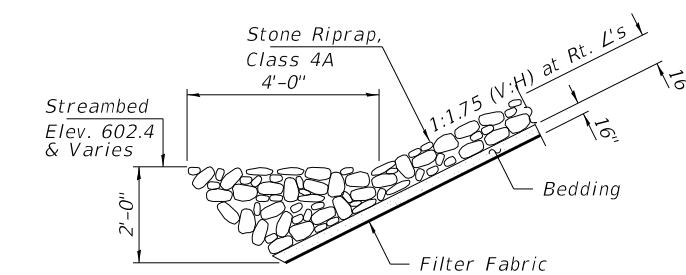
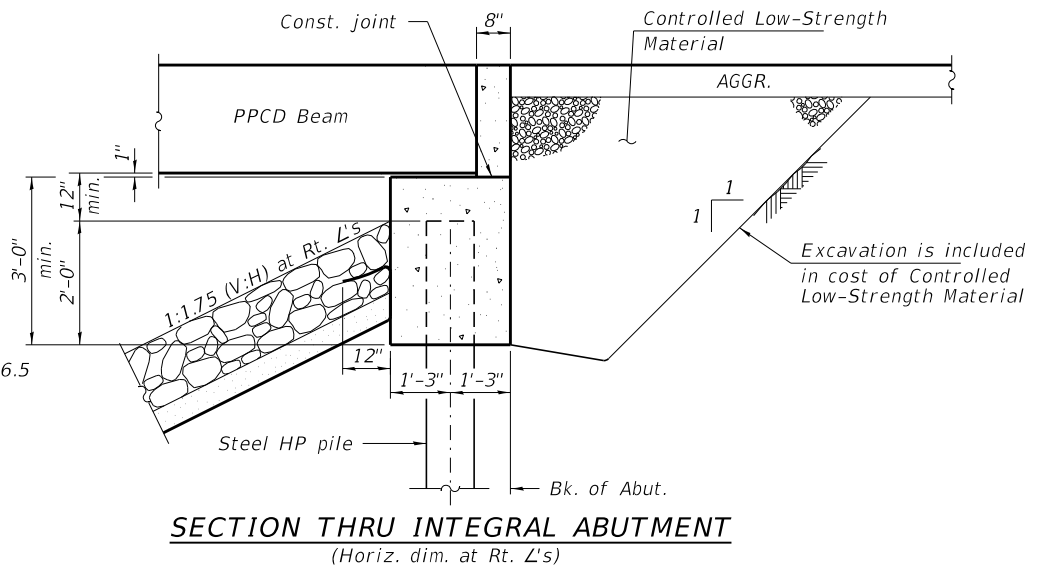
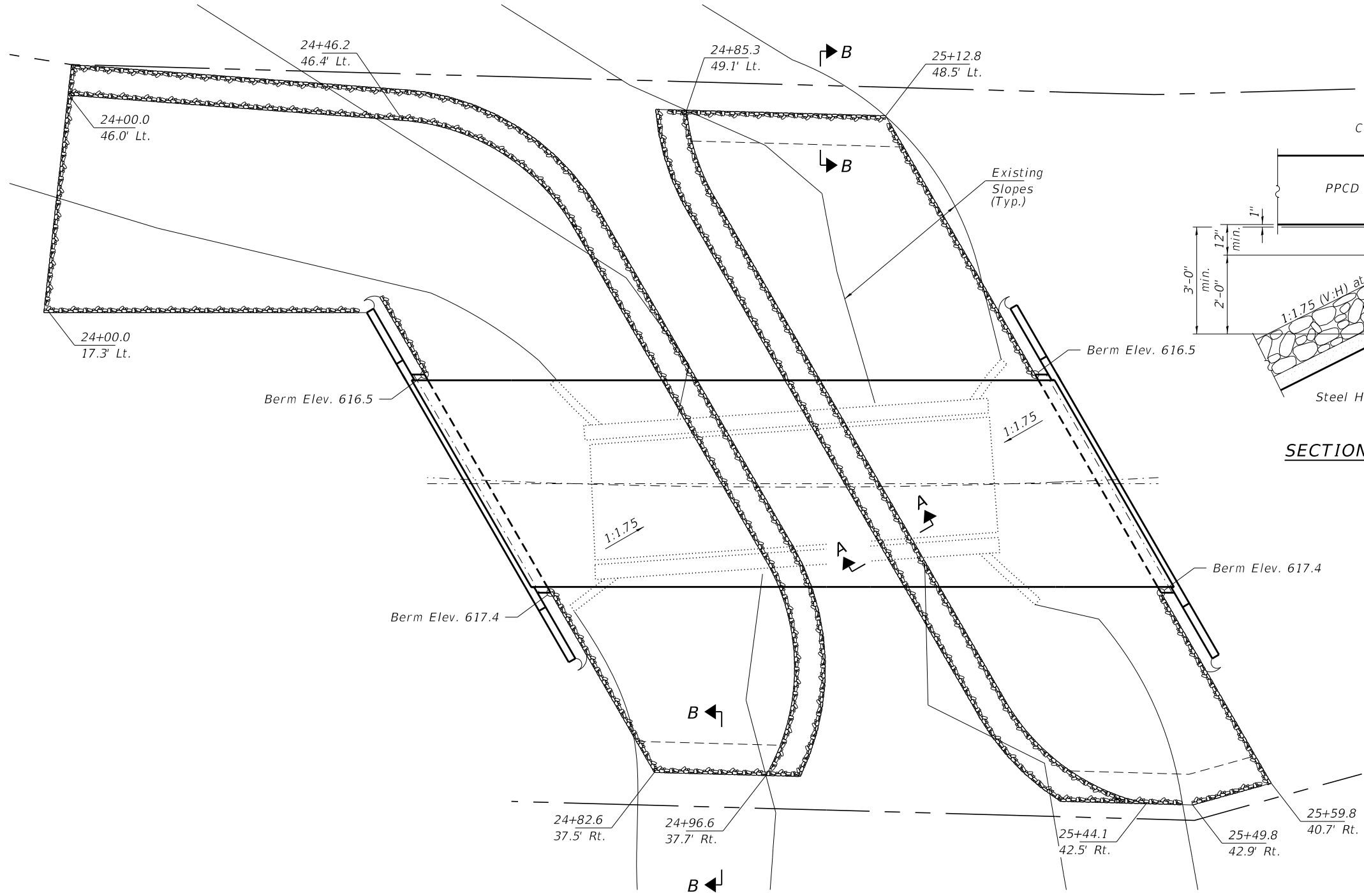
Steven W. Megginson 05/01/2024
ILLINOIS STRUCTURAL ENGINEER NO. 081-6064



Expires 11-30-2024

TOTAL BILL OF MATERIAL

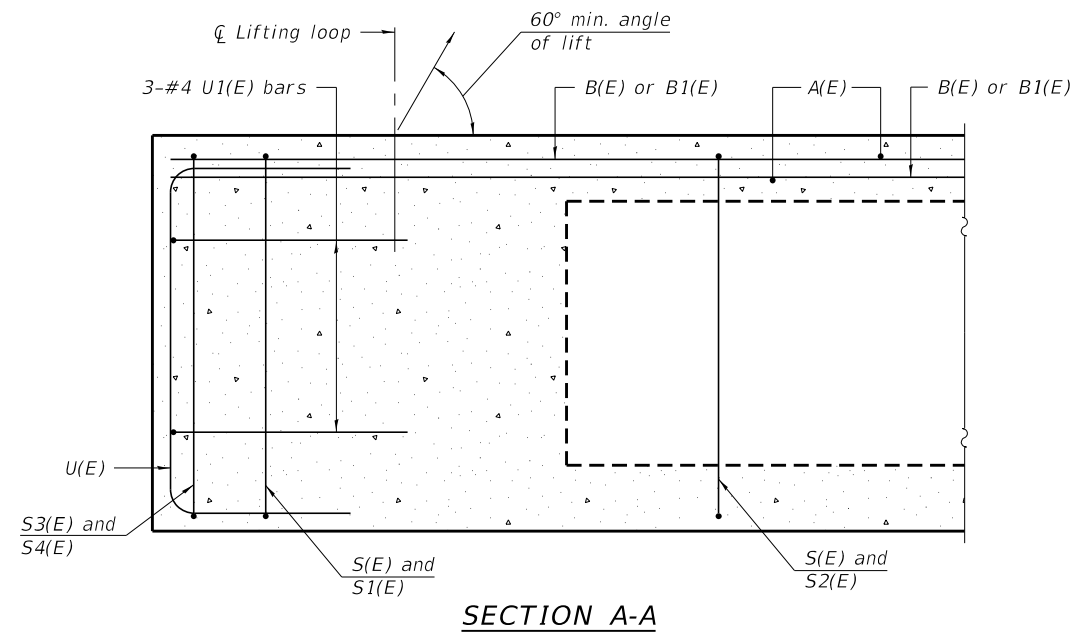
ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.			85
Stone Riprap, Class A4	Ton			440
Filter Fabric	Sq. Yd.			842
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		33.4	33.4
Concrete Encasement	Cu. Yd.		3.4	3.4
Precast Prestressed Conc. Deck Beams (33" Depth)	Sq. Ft.	2,268		2,268
Reinforcement Bars, Epoxy Coated	Pound		5,080	5,080
Steel Railing, Type S-1	Foot	170		170
Furnishing Steel HP12x53	Foot		480	480
Driving Piles	Foot		480	480
Test Pile Steel HP12x53	Each		2	2
Name Plates	Each		1	1
Controlled Low-Strength Material	Cu. Yd.		111	111
Terminal Marker - Direct Applied	Each	4		4



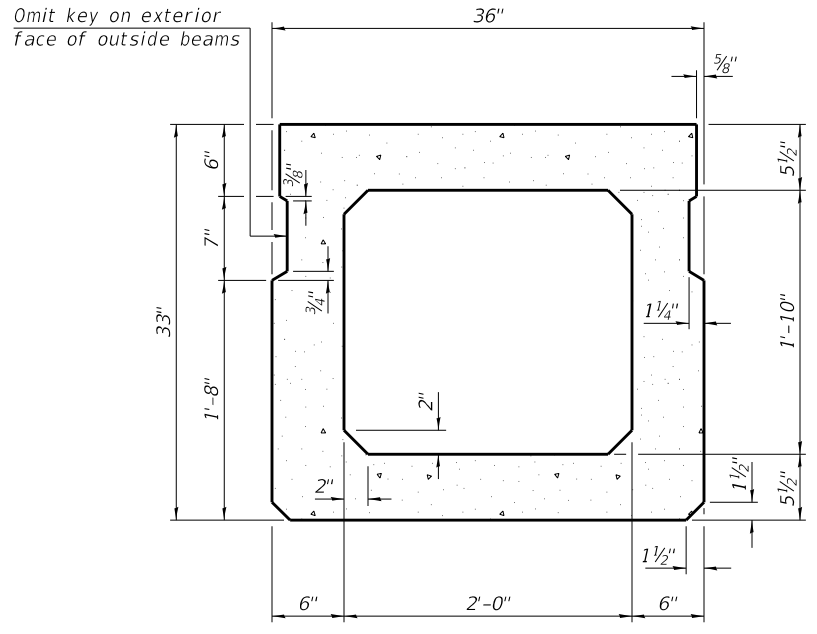
SECTION A-A

SECTION B-B

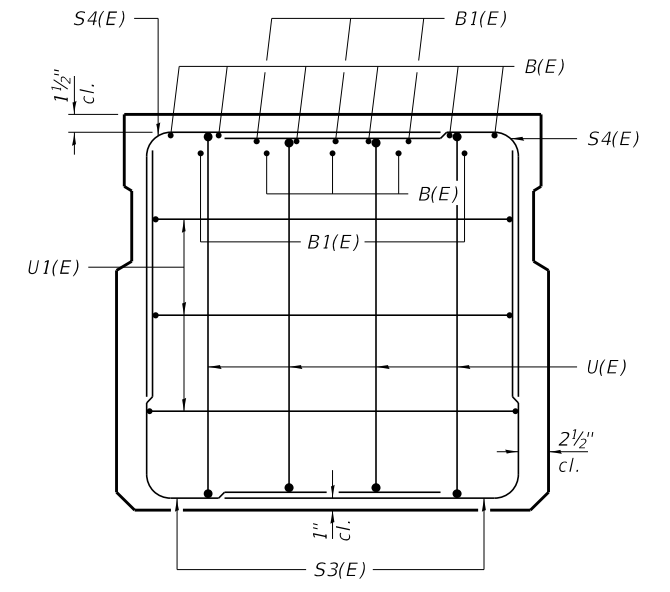
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HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -			142A	94-08112-00-BR	MOULTRIE	41	10	
	PLOT DATE = 5/1/2024	DRAWN - T.D.S.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945			
		CHECKED - S.W.M.	REVISED -			C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)			



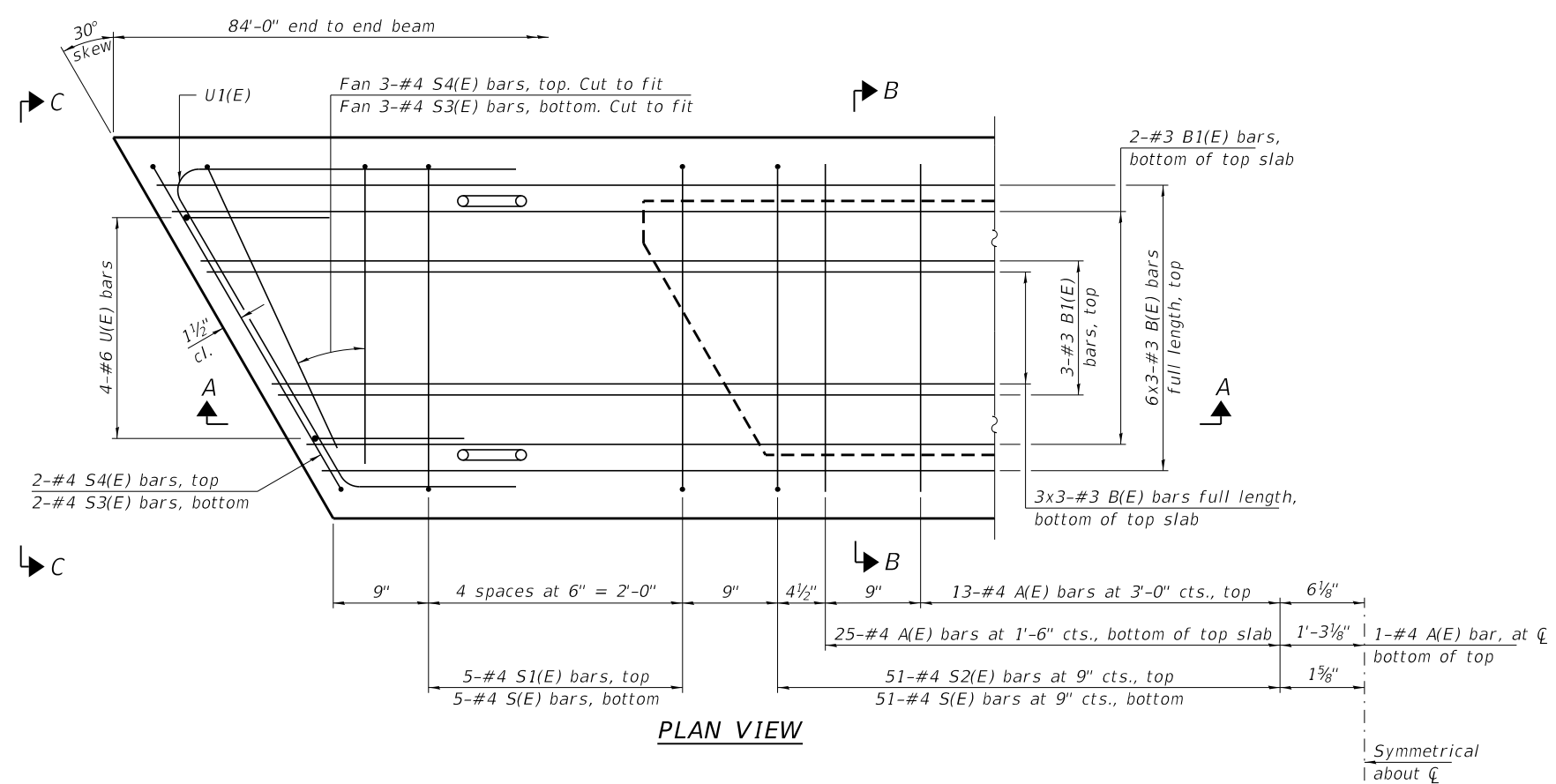
SECTION A-A



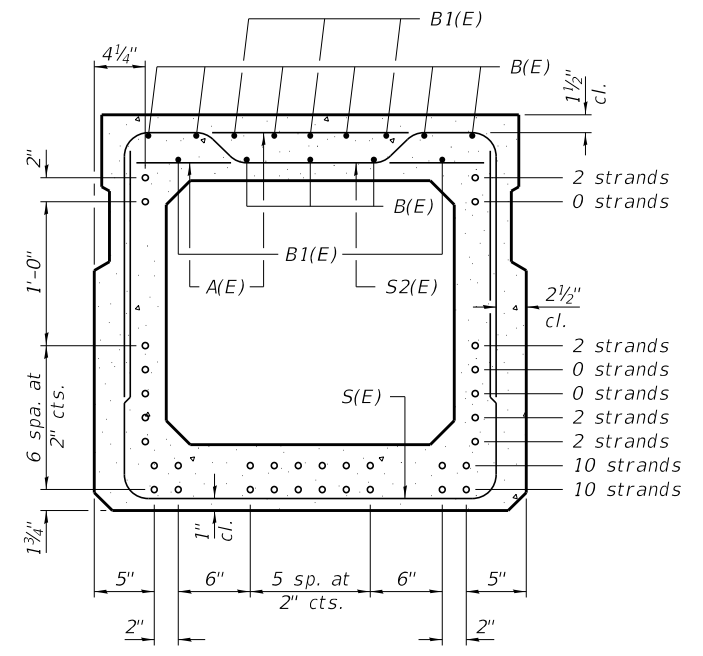
SECTION B-B
(Showing dimensions)



VIEW C-C



PLAN VIEW



SECTION B-B
(Showing reinforcement and permissible strand locations)

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	77	#4	2'-7"	—
B(E)	27	#3	28'-11"	—
B1(E)	10	#3	10'-0"	—
S(E)	112	#4	7'-8"	┌
S1(E)	10	#4	6'-5"	┌
S2(E)	102	#4	6'-8"	┌
S3(E)	10	#4	5'-1"	┌
S4(E)	10	#4	4'-5"	┌
U(E)	8	#6	5'-0"	┌
U1(E)	6	#4	6'-10"	┌

Note:
See sheet 4 of 10 for additional details and Bill of Material.

Note:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.
Bars indicated thus 6x3-#3 etc. indicates 6 lines of bars with 3 lengths per line

MINIMUM BAR LAP
#3 bar = 1'-6"

PD-3336-R 5-15-2023

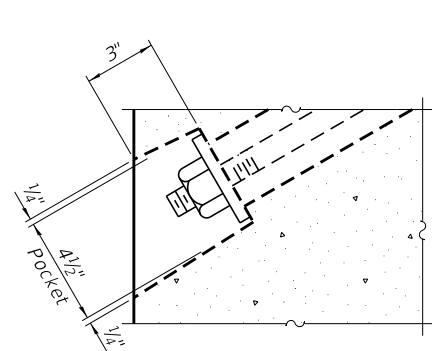
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	PLOT DATE = 5/1/2024	DRAWN - T.D.S.	REVISED -
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STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT

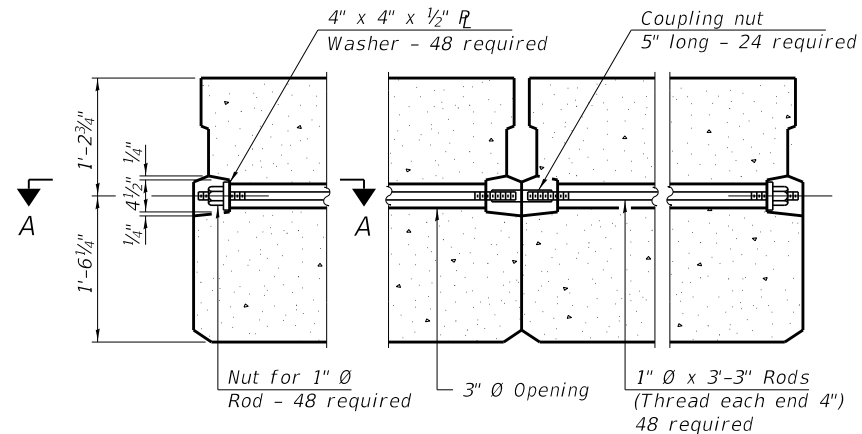
33" x 36" PPC DECK BEAM
STRUCTURE NO. 070-4827

SHEET NO. 3 OF 10 SHEETS

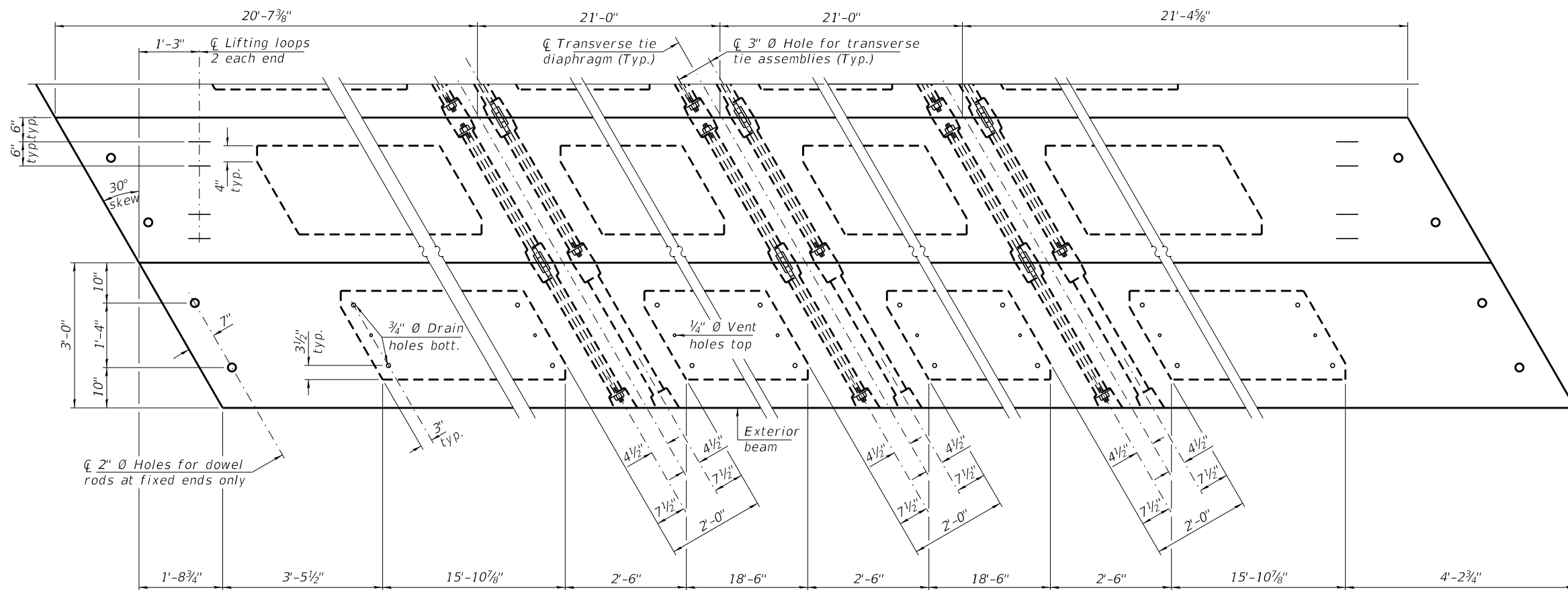
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142A	94-08112-00-BR	MOULTRIE	41	11
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23	ILLINOIS FED. AID PROJECT STC4(926)			



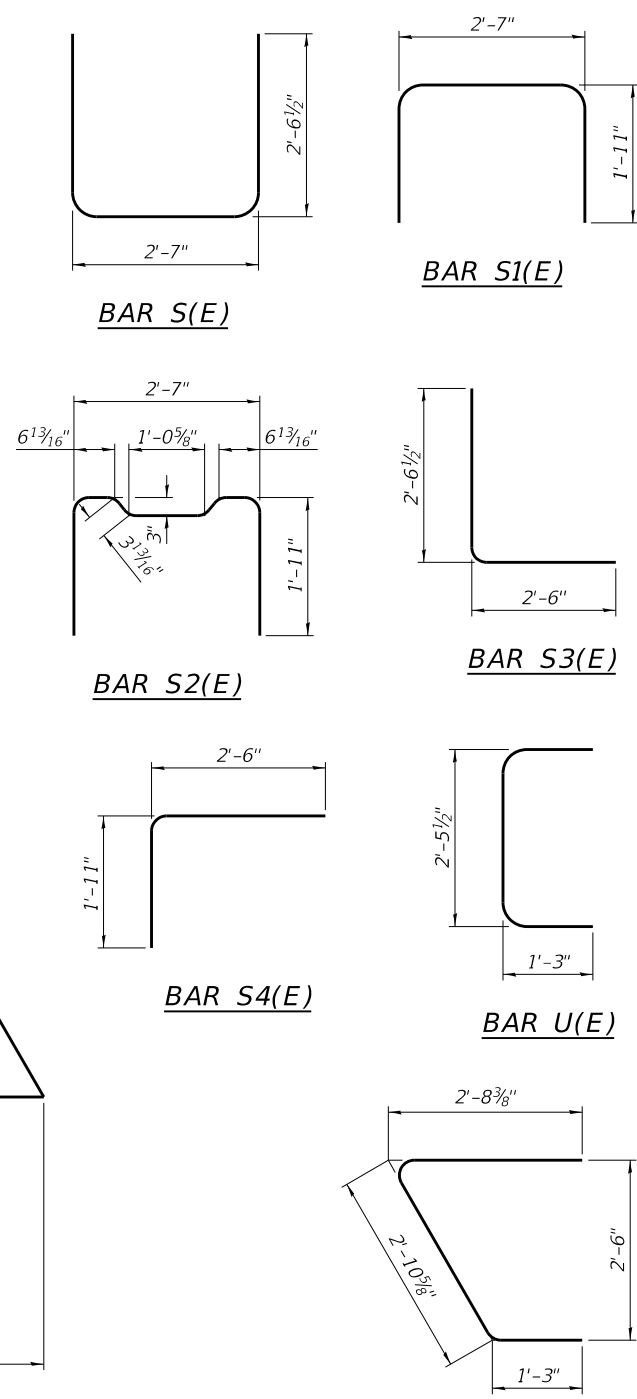
SECTION A-A



TYPICAL TRANSVERSE TIE ASSEMBLY



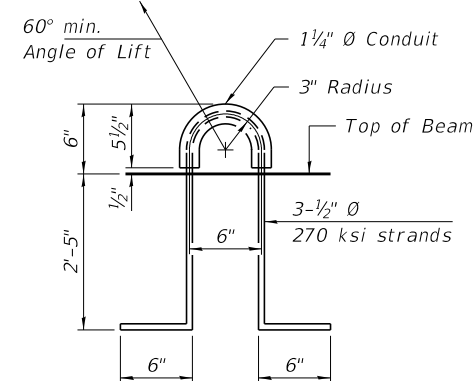
PLAN VIEW



Note:
Connect beams in pairs with the transverse tie configuration shown.

NOTES

- Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
- The 1" \emptyset rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
- Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
- A minimum 2 1/2" \emptyset lifting pin shall be used to engage the lifting loops during handling.
- Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete beams.
- Compressive strength of prestressed concrete, f'_c , shall be 6000 psi.
- Compressive strength of prestressed concrete at release, f'_{ci} , shall be 5000 psi.
- Reinforcement bars designated (E) shall be epoxy coated.



LIFTING LOOP DETAIL

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (33" depth)	Sq. Ft.	2,268
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PDD-3336-R

5-15-2023

FILE NAME = 190591-shl-bridge.dgn	USER NAME = rmosck
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	
DESIGNED - J.R.B.	CHECKED - S.W.M.
DRAWN - T.D.S.	CHECKED - S.W.M.
PLOT SCALE =	PLOT DATE = 5/1/2024

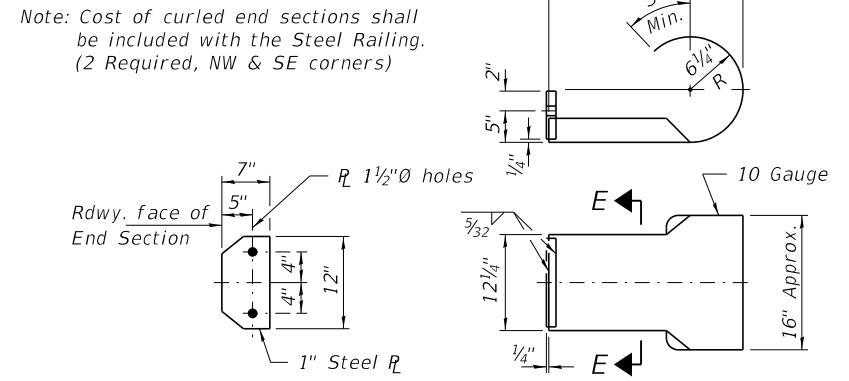
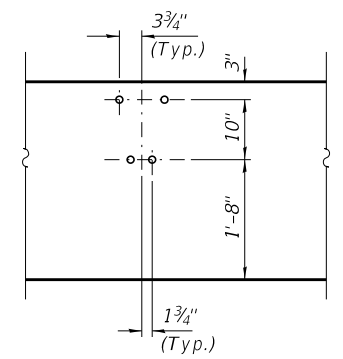
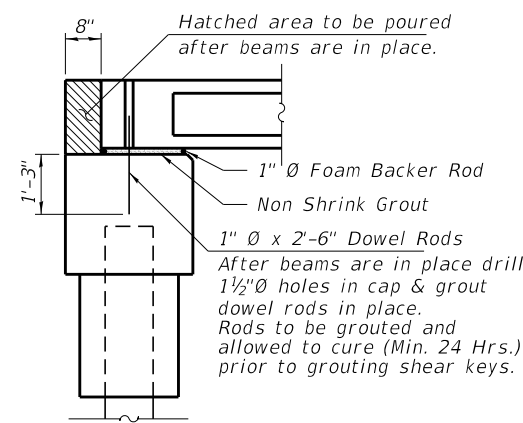
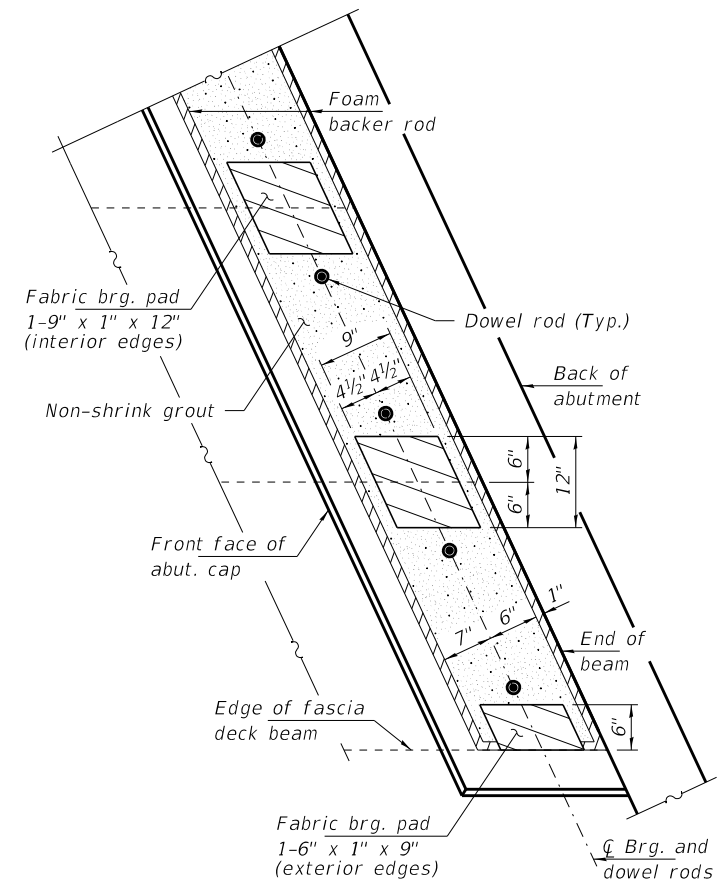
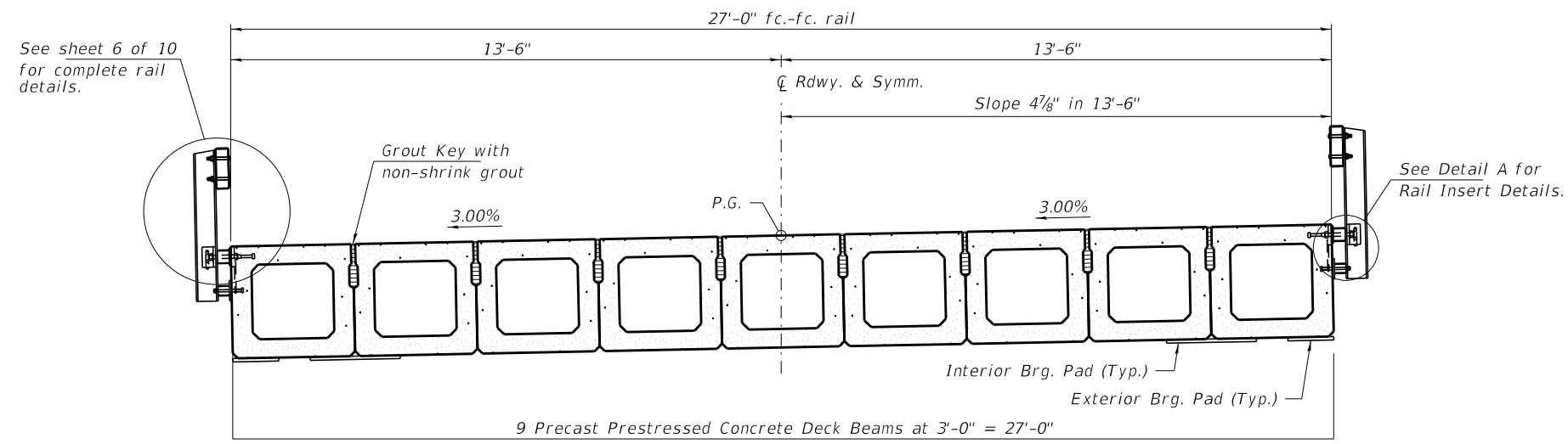
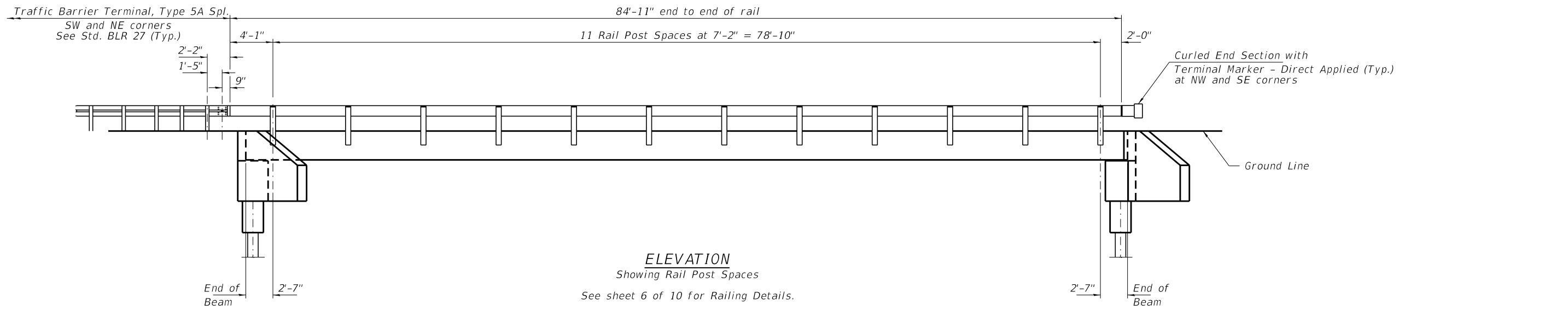
DESIGNED - J.R.B.	REVISED -
CHECKED - S.W.M.	REVISED -
DRAWN - T.D.S.	REVISED -
CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT

33" x 36" PPC DECK BEAM DETAILS
STRUCTURE NO. 070-4827

SHEET NO. 4 OF 10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142A	94-08112-00-BR	MOULTRIE	41	12
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)		

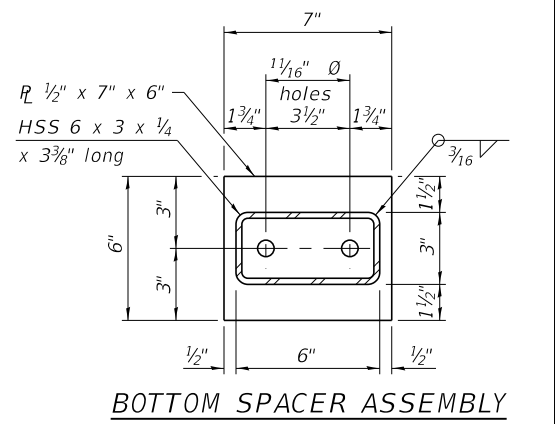
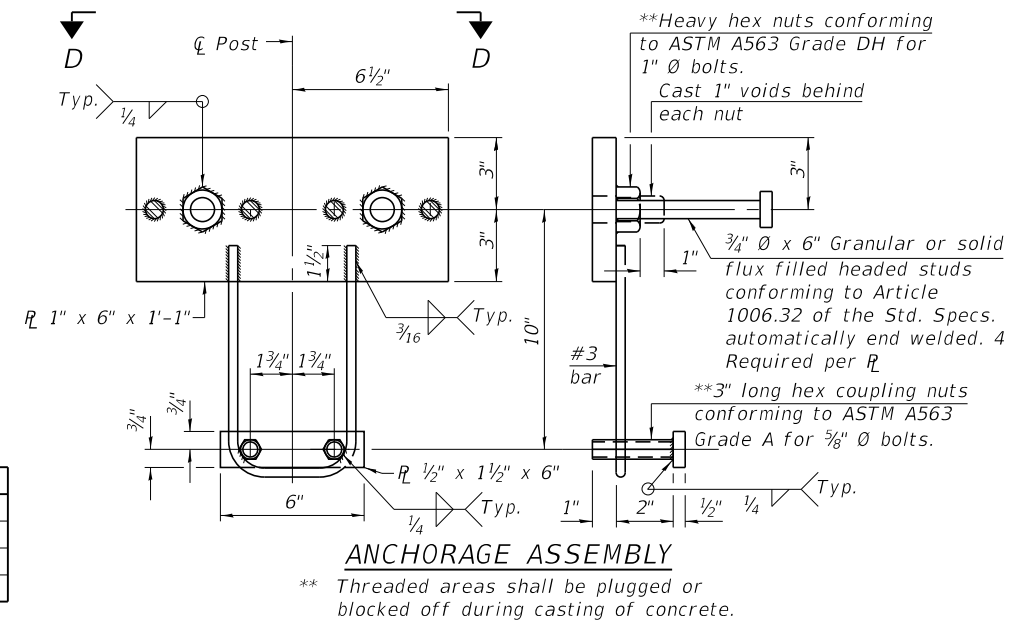
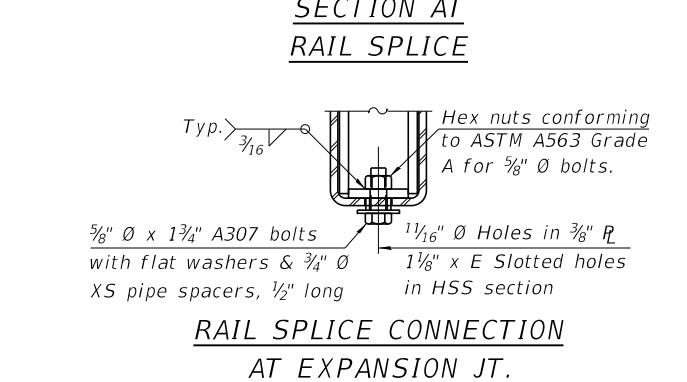
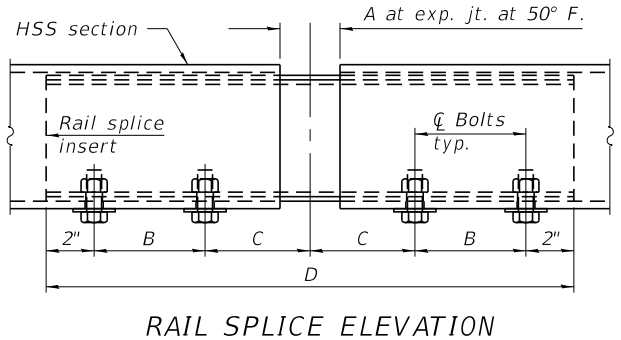
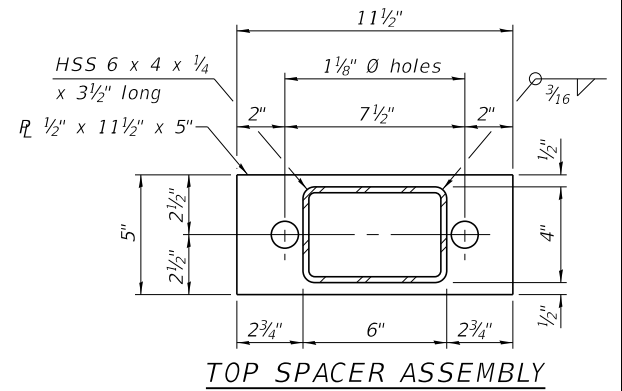
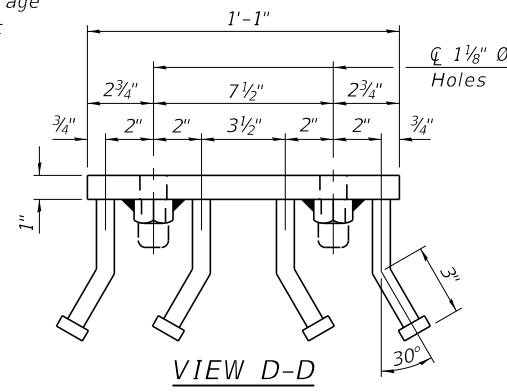
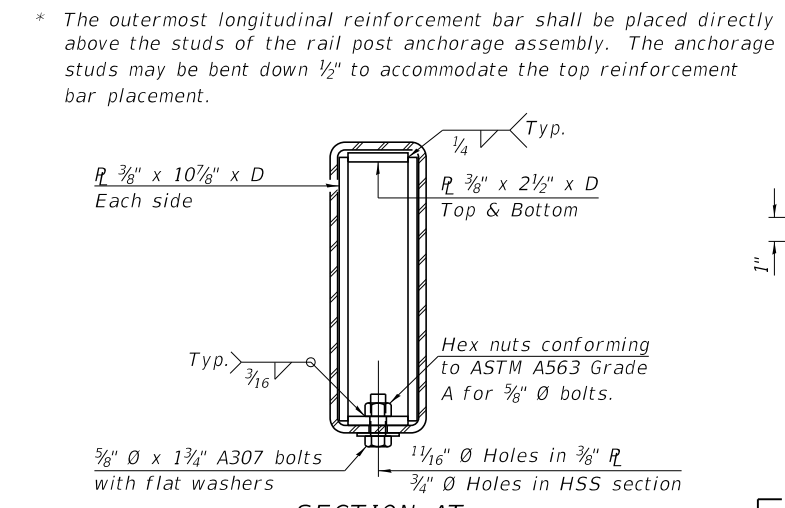
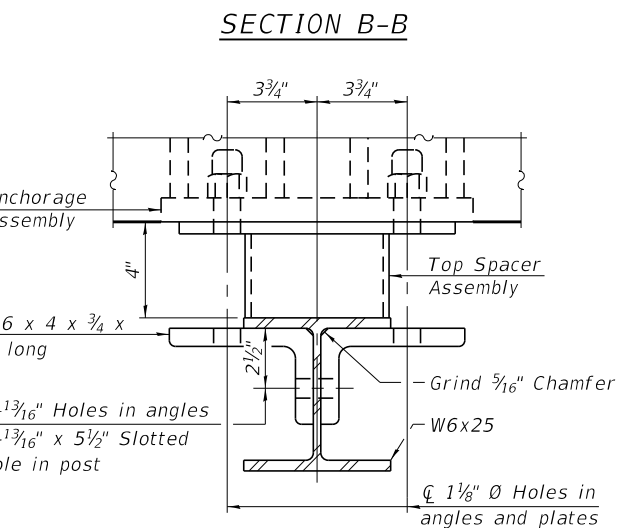
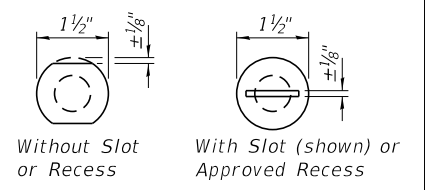
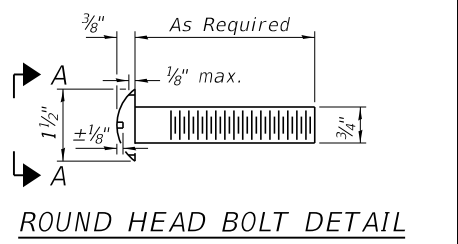
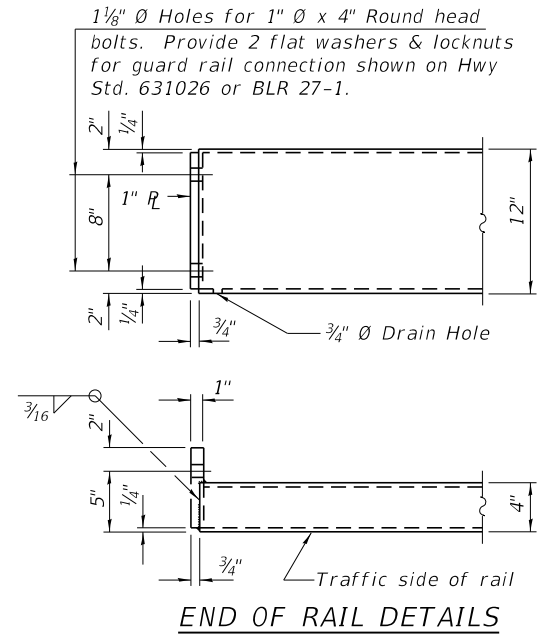
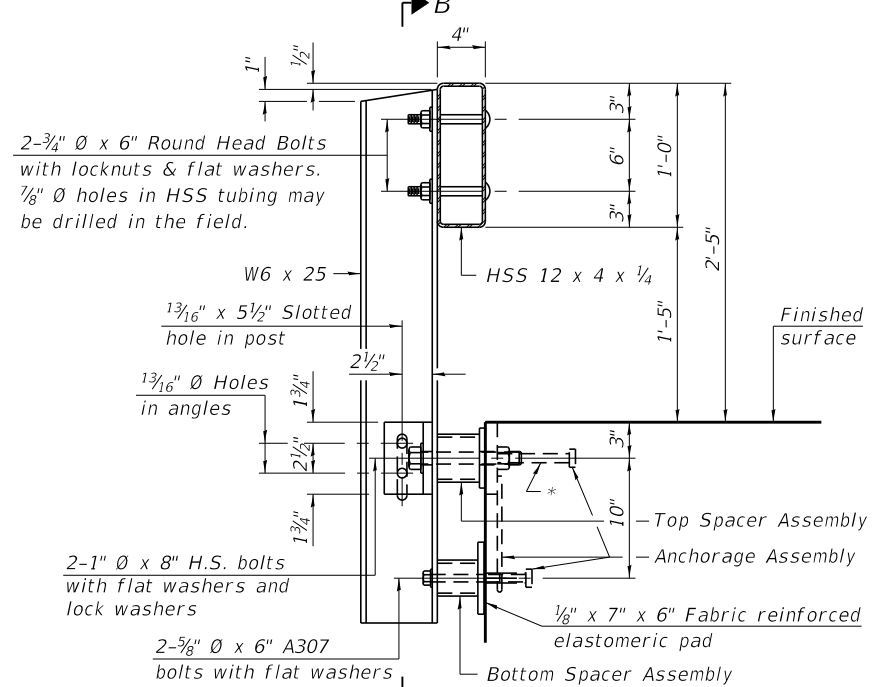
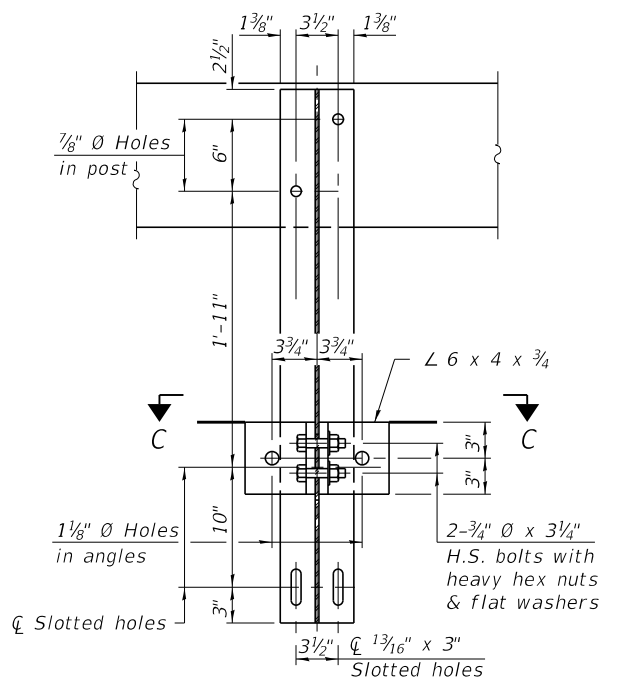


Note: Cost of curled end sections shall be included with the Steel Railing. (2 Required, NW & SE corners)

Notes:
The bearing seat surfaces shall be adjusted by shimming the bearing to assure firm and even bearing prior to placement of grout. 2-1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shown shall be provided for each bearing.

FILE NAME = 190591-shl-bridge.dgn	USER NAME = rmosck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	SUPERSTRUCTURE DETAILS STRUCTURE NO. 070-4827	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -			142A	94-08112-00-BR	MOULTRIE	41	13	
	PLOT DATE = 5/1/2024	DRAWN - T.D.S.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945			
		CHECKED - S.W.M.	REVISED -			C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)			
SHEET NO. 5 OF 10 SHEETS											

Notes:
 A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 11 1/2", and bottom spacer assembly, 6" x 7", shall be provided to adjust posts for proper alignment. If the summation of shims is greater than 1/4" (top) or 1/2" (bottom), longer bolts are required. Cost included with Steel Railing, Type S-1.
 All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.
 All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.
 Rail splice inserts may be built out of 2 - 3/8" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.
 All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.



RAILING CRITERIA

NCHRP 350 Test Level	2
Railing Weight (plf)	50
Max Post Spacing	10'-9"
HMA thickness range (in)	1 1/4" - 3 1/8"

SPLICE DIMENSIONS

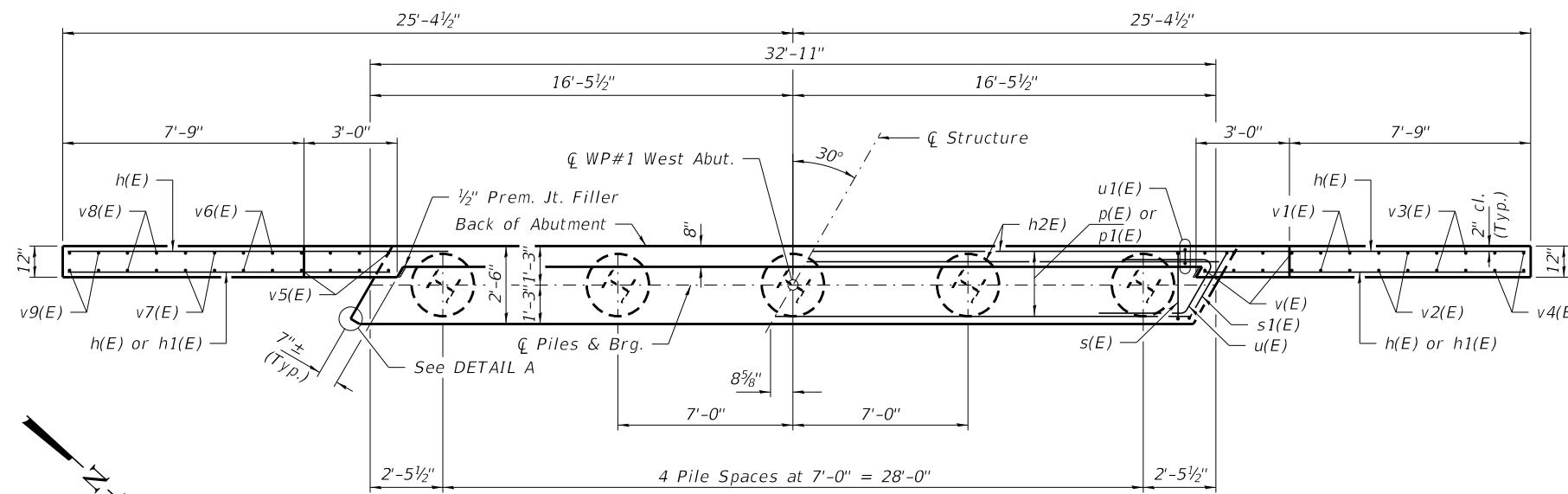
Location	T	A	B	C	D	E
All locs. not over exp. jts.	0	1/4"	4"	4"	1'-8"	-
Over Strip Seal Jt.	≤ 4"	2 1/2"	4 3/8"	4 3/8"	1'-10"	3 1/16"
Over Finger or Modular Jt.	≤ 9 1/2"	5 1/2"	7 3/8"	7 1/4"	2'-9 1/4"	5 1 3/16"
Over Finger or Modular Jt.	≤ 15"	8 1/4"	10 1/8"	10"	3'-8 1/4"	8 9/16"

T = ; total movement along centerline of roadway at expansion joint.

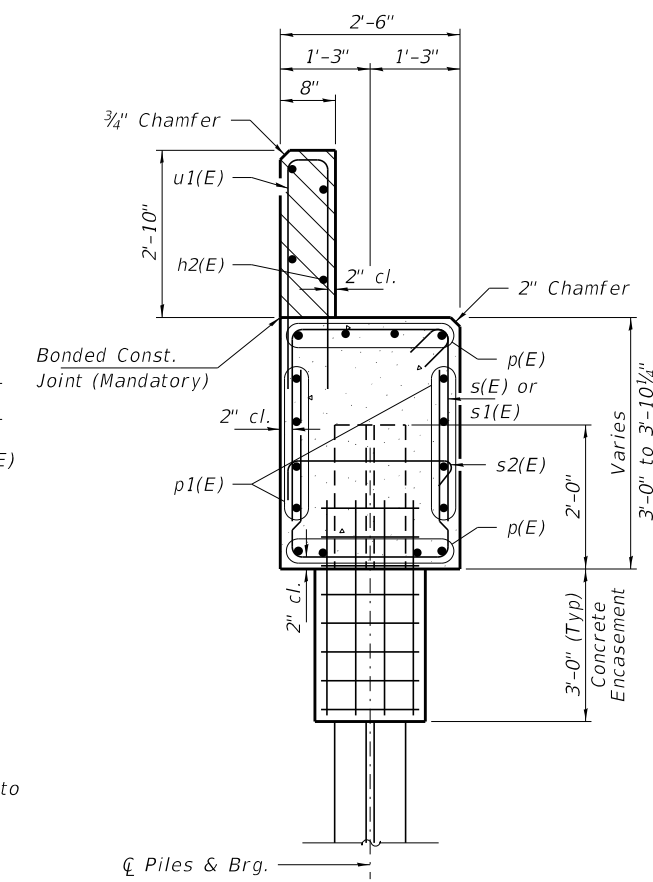
** Threaded areas shall be plugged or blocked off during casting of concrete.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	Foot	170



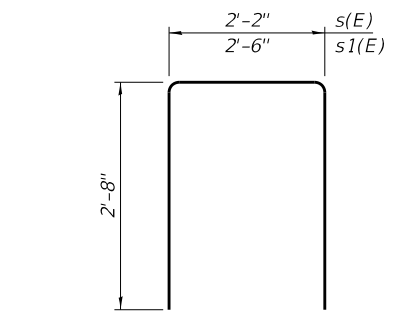
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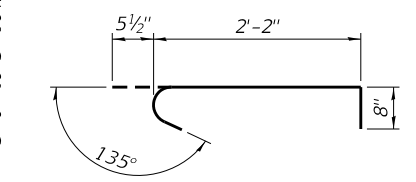
SECTION A-A

Hatched area to be poured after beams are in place.

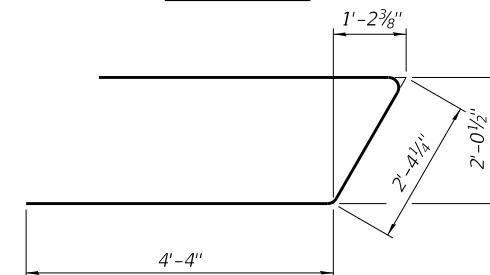
Cast top of wingwall flush with exterior beam face after beams have been erected.



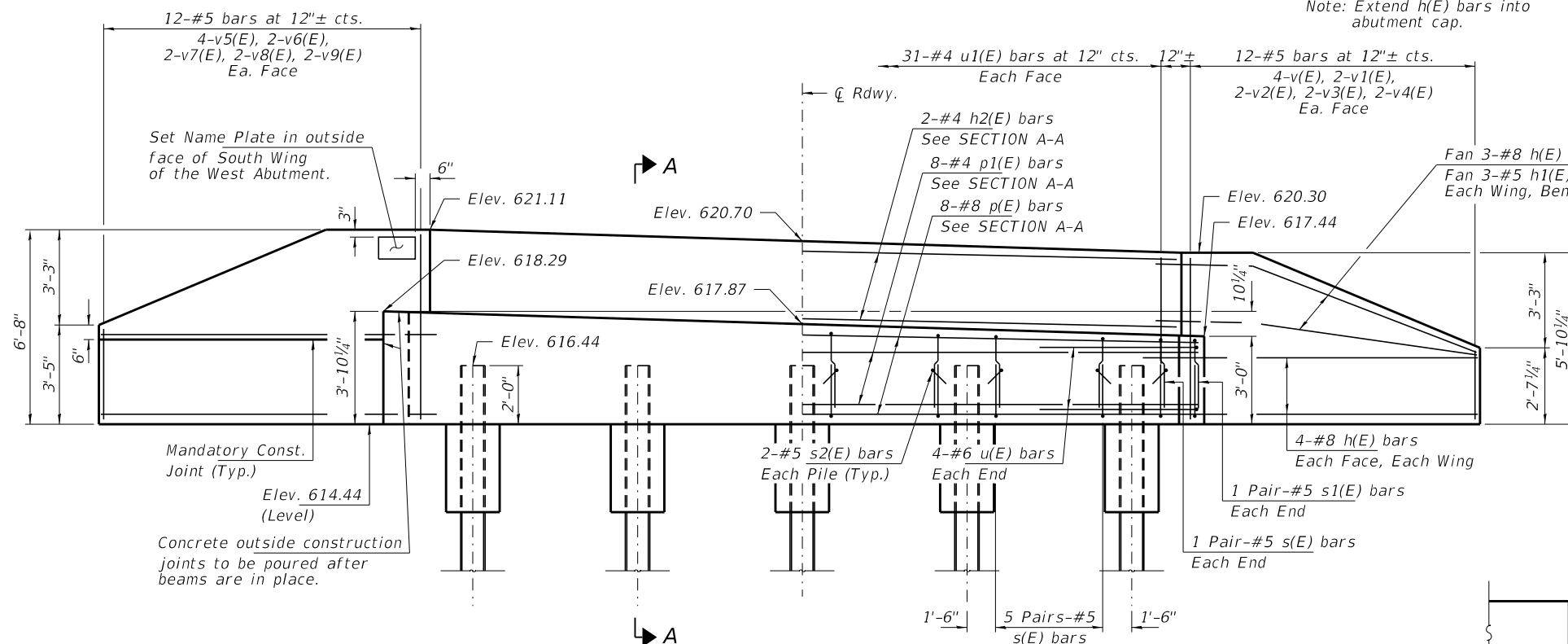
BARS s(E) or s1(E)



BAR s2(E)



BAR u(E)



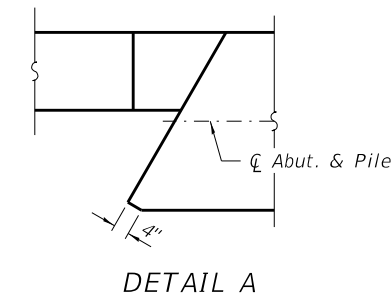
ELEVATION
(Looking West)

PILE DATA

Type: Steel HP12x53
 Nominal Required Bearing: 340 Kips/Pile
 Factored Resistance Available: 187 Kips/Pile
 Est. Length: 60 Ft/Pile
 No. Production Piles: 4
 No. Test Piles: 1

Notes: Two test piles to be driven in permanent location at the West Abutment.

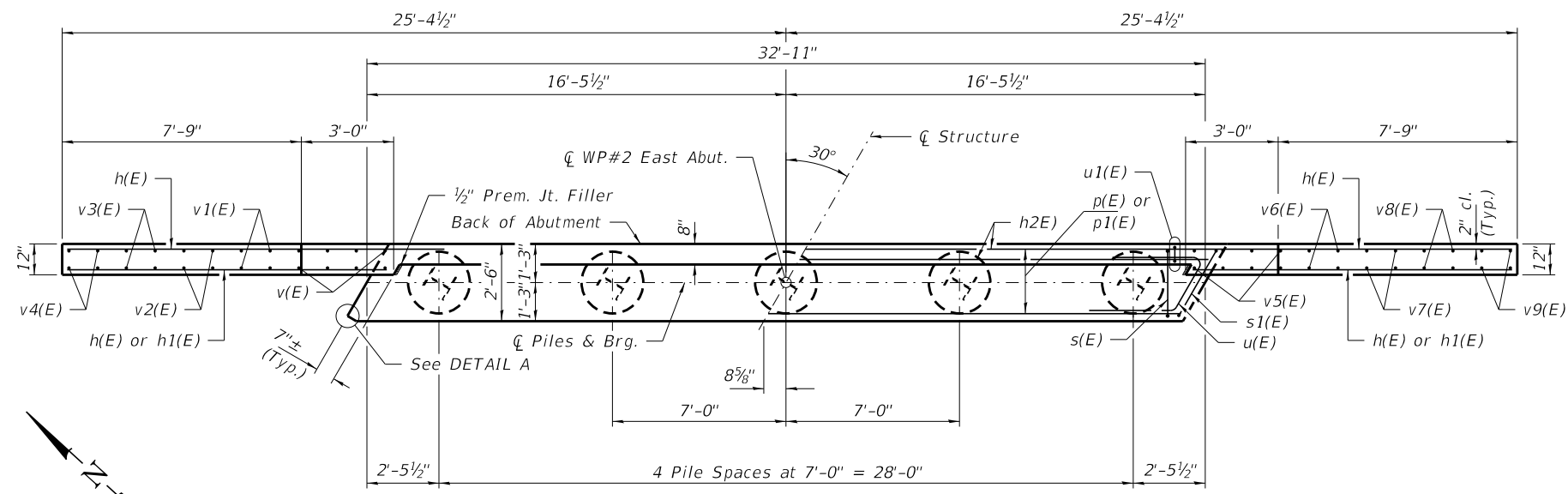
The test piles shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.



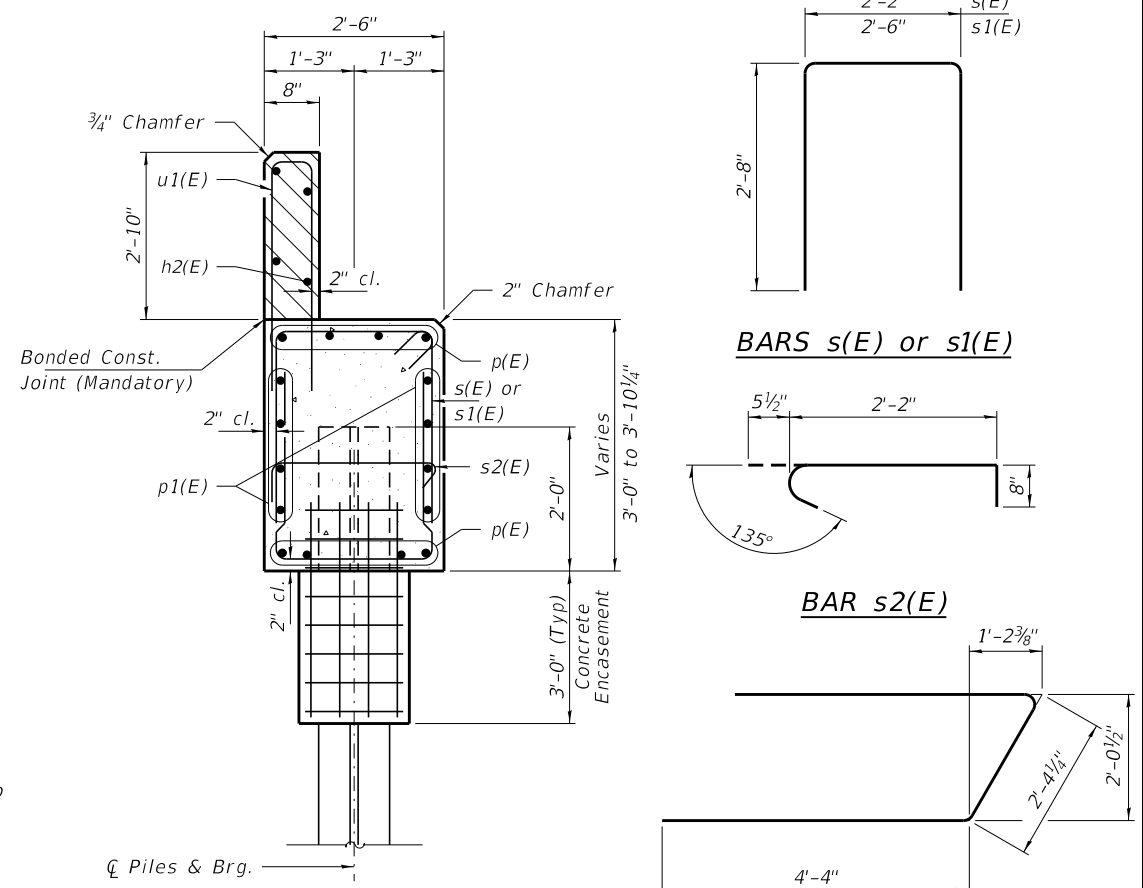
DETAIL A

BILL OF MATERIAL - W. ABUT.

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	22	#8	12'-0"	—
h1(E)	6	#5	10'-6"	—
h2(E)	4	#5	32'-7"	—
p(E)	8	#8	32'-7"	—
p1(E)	8	#4	32'-7"	—
s(E)	44	#5	7'-6"	U
s1(E)	4	#5	8'-2"	U
s2(E)	10	#5	3'-4"	U
u(E)	8	#6	11'-1"	—
u1(E)	31	#4	7'-8"	—
v(E)	8	#5	5'-6"	—
v1(E)	4	#5	4'-8"	—
v2(E)	4	#5	3'-11"	—
v3(E)	4	#5	3'-1"	—
v4(E)	4	#5	2'-3"	—
v5(E)	8	#5	6'-3"	—
v6(E)	4	#5	5'-6"	—
v7(E)	4	#5	4'-8"	—
v8(E)	4	#5	3'-11"	—
v9(E)	4	#5	3'-1"	—
Concrete Structures			Cu. Yd.	16.7
Concrete Encasement			Cu. Yd.	1.7
Reinf. Bars, Epoxy Coated			Pound	2,540
Steel Piles HP12x53			Foot	240
Test Pile Steel HP12x53			Each	1
Name Plates			Each	1



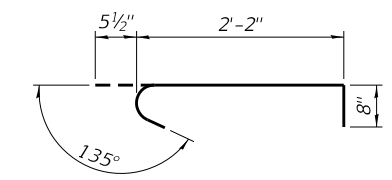
PLAN



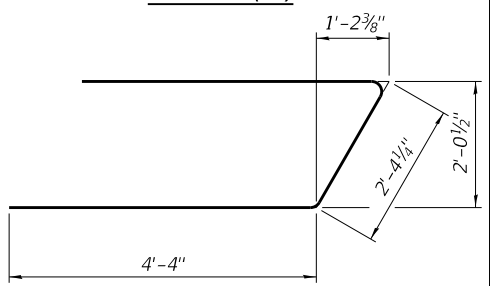
SECTION A-A

Hatched area to be poured after beams are in place.
Cast top of wingwall flush with exterior beam face after beams have been erected.

BARS s(E) or s1(E)



BAR s2(E)



BAR u(E)

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

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SECTION A-A

SECTION A-A

SECTION A-A

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SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

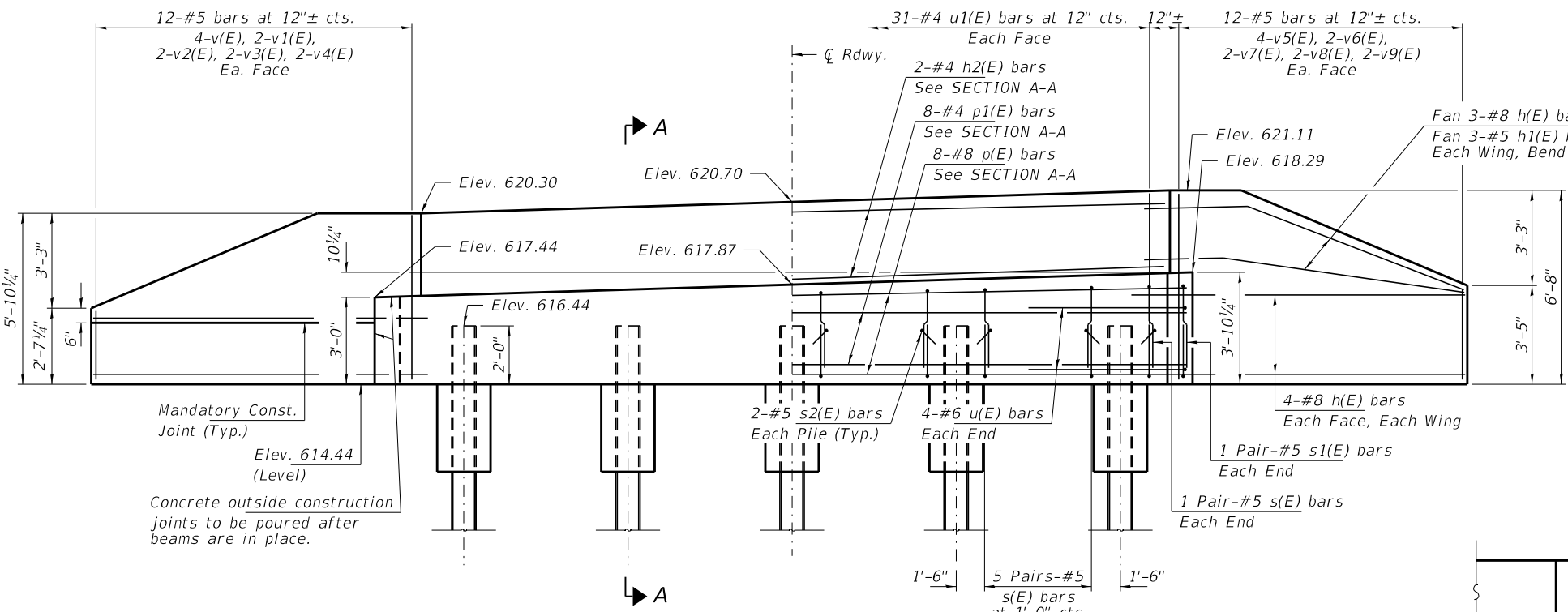
SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A



ELEVATION
(Looking East)

PILE DATA

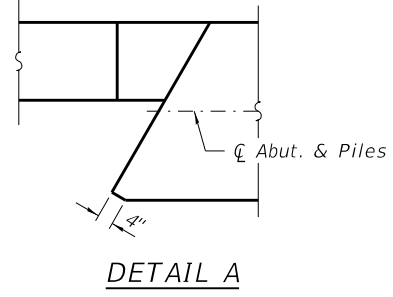
Type: Steel HP12x53
Nominal Required Bearing: 342 Kips/Pile
Factored Resistance Available: 188 Kips/Pile
Est. Length: 60 Ft/Pile
No. Production Piles: 4
No. Test Piles: 1

Notes: One test piles to be driven in permanent location at the East Abutment.

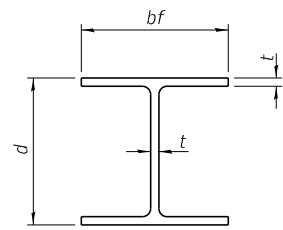
The test piles shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

BILL OF MATERIAL - E. ABUT.

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	22	#8	12'-0"	—
h1(E)	6	#5	10'-6"	—
h2(E)	4	#5	32'-7"	—
p(E)	8	#8	32'-7"	—
p1(E)	8	#4	32'-7"	—
s(E)	44	#5	7'-6"	U
s1(E)	4	#5	8'-2"	U
s2(E)	10	#5	3'-4"	U
u(E)	8	#6	11'-1"	U
u1(E)	31	#4	7'-8"	U
v(E)	8	#5	5'-6"	—
v1(E)	4	#5	4'-8"	—
v2(E)	4	#5	3'-11"	—
v3(E)	4	#5	3'-1"	—
v4(E)	4	#5	2'-3"	—
v5(E)	8	#5	6'-3"	—
v6(E)	4	#5	5'-6"	—
v7(E)	4	#5	4'-8"	—
v8(E)	4	#5	3'-11"	—
v9(E)	4	#5	3'-1"	—
Concrete Structures			Cu. Yd.	16.7
Concrete Encasement			Cu. Yd.	1.7
Reinf. Bars, Epoxy Coated			Pound	2,540
Steel Piles HP12x53			Foot	240
Test Pile Steel HP12x53			Each	1

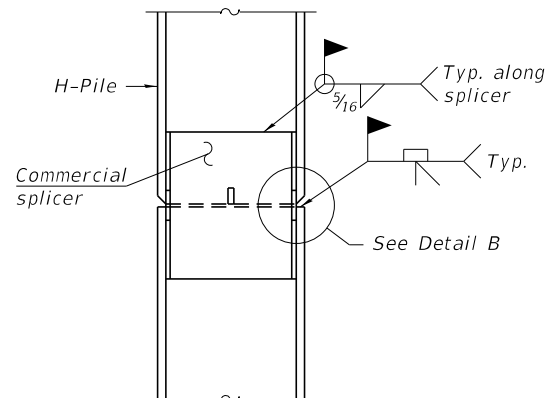


DETAIL A

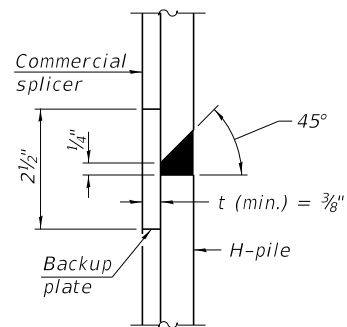


STEEL PILE TABLE

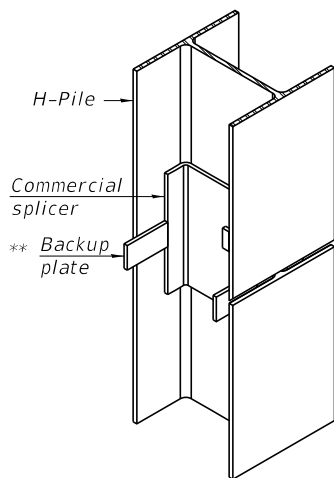
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18"	18"	1"	36"
x157	17 3/4"	17 7/8"	7/8"	36"
x135	17 1/2"	17 3/4"	3/4"	36"
HP 16x183	16 1/2"	16 1/2"	1 1/8"	36"
x162	16 1/4"	16 1/8"	1"	36"
x141	16"	16"	7/8"	36"
x121	15 3/4"	15 7/8"	3/4"	36"
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

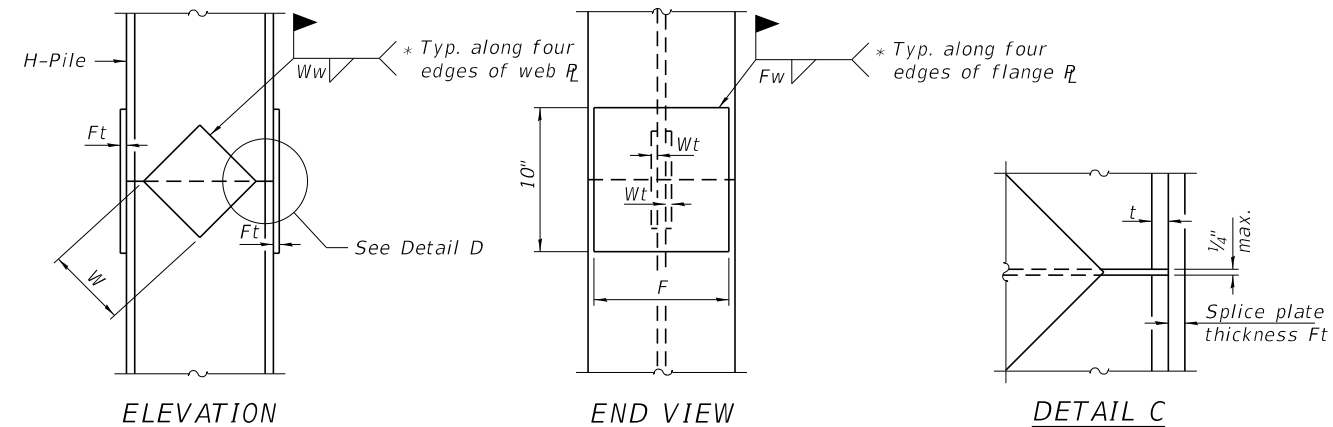


DETAIL "B"



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



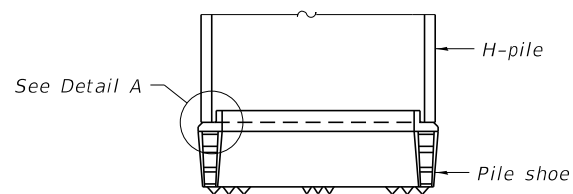
ELEVATION

END VIEW

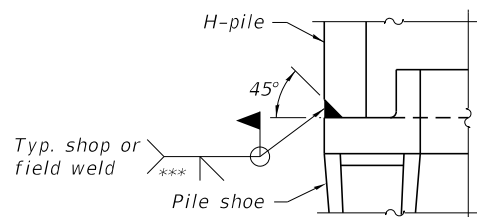
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15 1/2"	1 1/2"	1"	9 1/2"	7/8"	3/4"
x157	15 1/4"	1 1/4"	1"	9 1/2"	7/8"	3/4"
x135	15 1/4"	1 1/4"	1"	9 1/2"	7/8"	3/4"
HP 16x183	13 3/4"	1 1/2"	1"	8 1/4"	7/8"	3/4"
x162	13 1/2"	1 1/2"	1"	8 1/4"	3/4"	5/8"
x141	13 1/2"	1 1/4"	7/8"	8 1/4"	3/4"	5/8"
x121	13 1/2"	1 1/4"	7/8"	8 1/4"	3/4"	5/8"
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

WELDED PLATE FIELD SPLICE

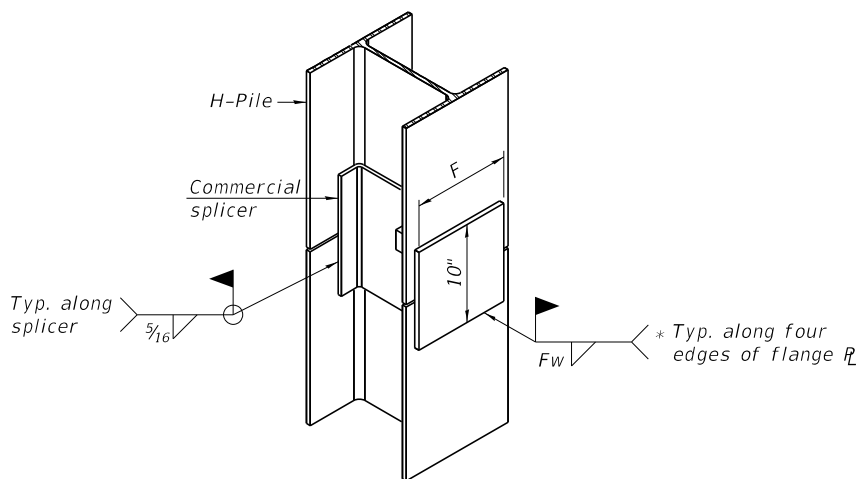


ELEVATION



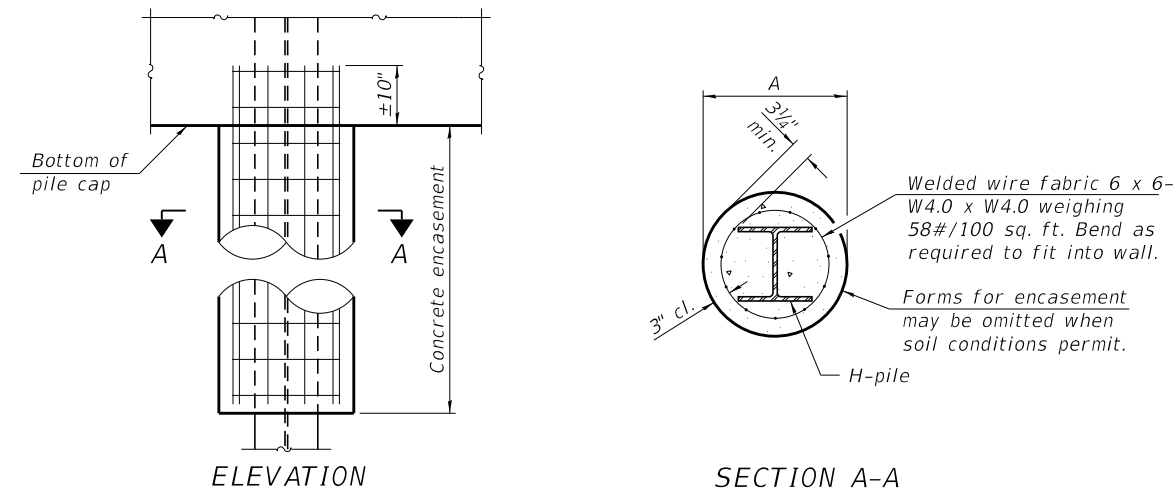
DETAIL A

SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE



ELEVATION

SECTION A-A

INDIVIDUAL PILE CONCRETE ENCASUREMENT (when specified)

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

F-HP 10-27-2023

FILE NAME = 190591-shi-bridge.dgn	USER NAME = rmosck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	HP PILE DETAILS STRUCTURE NO. 070-4827	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -			142A	94-08112-00-BR	MOULTRIE	41	17
	PLOT DATE = 5/1/2024	DRAWN - T.D.S.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
		CHECKED - S.W.M.	REVISED -			C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)		

I.D.O.T. - District Five Materials Bridge Foundation METRIC Boring Log
 S.E. 1/4 SEC. 5, T. 12 N., R. 6 E. 3RD P.M. Sh. 1 of 2

PROJECT _____ BRIDGE STR. # 4801 Date 04/09/96
 ROUTE WHITLEY TWP. Bored By Winschief
 SEC. 94-08112-00-BR STA. *1+000 = Sta. 15+00 @ Struct. Checked By T.G.B.

D E P T H	N	Qu kPa	W %	Surf Water Elev. Grndwater Elev. at Compl Hrs	D E P T H	N	Qu kPa	W %
Gr. Surf. *99.8 0								
Local --- 200.1								
Datum 615.15								
DARK BROWN SILTY CLAY LOAM BACKFILL								
-1.52(5)								
609.55	194.5	98.1		588.25	173.2	91.6		
BROWN SAND LOAM ALLUVIUM								
-9.14(30)								
603.95	188.9	96.4						
MEDIUM COARSE GRAY SAND								
-10.67(35)								
601.35	186.3	95.6						
BROWN GRAY MOTTLED SANDY CLAY LOAM TILL								
-4.57(15)								
42	498	13		575.15	160.1	87.6		
LIMIT OF BORING								
-5.10(20)								
41	622	9.7						
*NOTE: ASSUMED CENTER OF EXISTING STRUCTURE STATION 1+000 AND ELEV. 100.0 = 615.8								
Elev. 200.75 -13.72(45)								

N - Std Penetr Test: 50.8mm (2") OD Sampler, N = # of blows/.3m (ft) 63.5 kg (140#) hammer 0.76 m (30") fall. (Failure Type: B-Bulge S-Shear E-Est. P-Penetr)

BORING-1

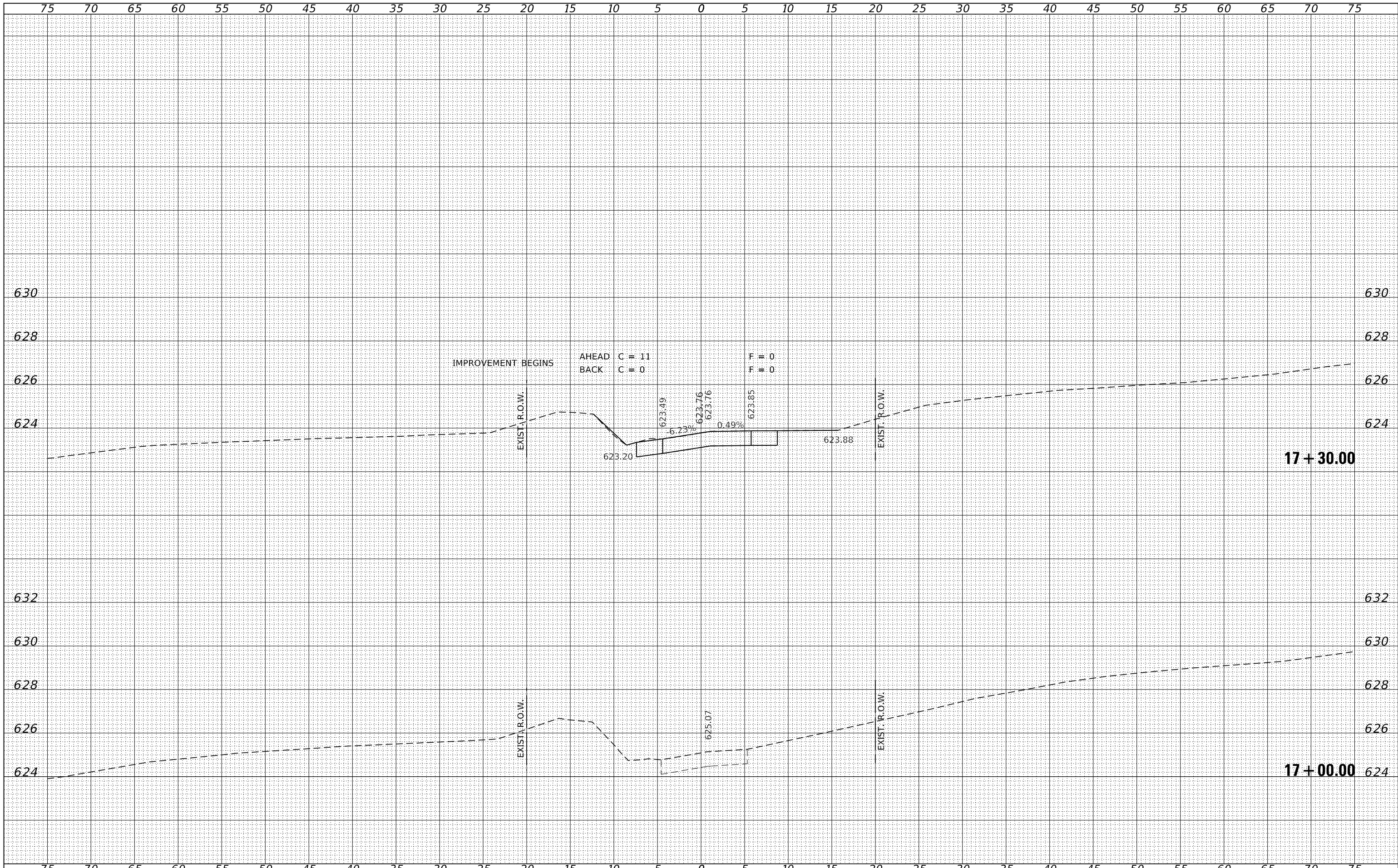
I.D.O.T. - District Five Materials Bridge Foundation METRIC Boring Log
 Sh. 2 of 2

PROJECT _____ BRIDGE STR. # 4801 Date 04/09/96
 ROUTE WHITLEY TWP. Bored By Winschief
 SEC. 94-08112-00-BR STA. 1+000 = Sta. 15+00 @ Struct. Checked By T.G.B.

D E P T H	N	Qu kPa	W %	Surf Water Elev. Grndwater Elev. at Compl Hrs	D E P T H	N	Qu kPa	W %
Gr. Surf. *99.9 0								
Local -- 200.4								
Datum 615.45								
BROWN GRAY MOTTLED CLAY LOAM TILL								
-7.62(25)								
588.85	173.8	91.8						
BROWN SILTY CLAY LOAM BACKFILL								
-1.52(5)								
608.25	193.2	97.7						
FINE BROWN SAND (FREE WATER)								
-9.14(30)								
604.25	189.2	96.5						
GRAY CLAY LOAM TILL								
-10.67(35)								
64	958	7.4						
GRAY SANDY CLAY LOAM TILL								
-4.57(15)								
100	958	6.5						
LIMIT OF BORING								
575.35	160.3	87.7						
596.75	181.7	94.2						
COARSE GRAY SAND								
-6.10(20)								
594.75	179.7	93.6						
BROWN GRAY MOTTLED SANDY CLAY LOAM TILL								
-13.72(45)								

N - Std Penetr Test: 50.8mm (2") OD Sampler, N = # of blows/.3m (ft) 63.5 kg (140#) hammer 0.76 m (30") fall. (Failure Type: B-Bulge S-Shear E-Est. P-Penetr)

BORING-2



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = 190591-shl-xssheets.dgn
 USER NAME = rmosck
 DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024

DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT

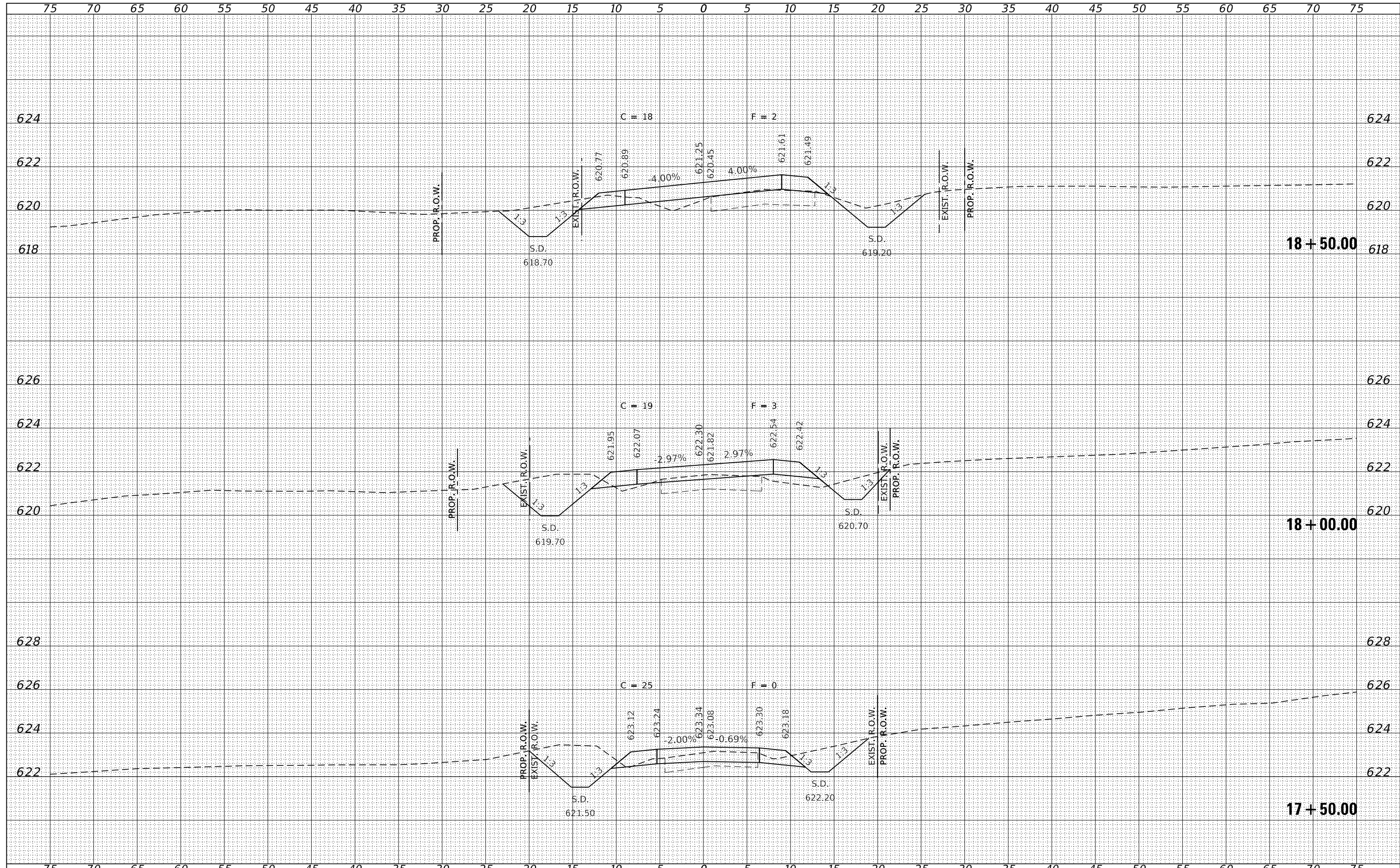
STATION CROSS SECTIONS

SCALE: 5H:2V SHEET NO. 1 OF 23 SHEETS STA. 17+00.00 TO STA. 17+30.00

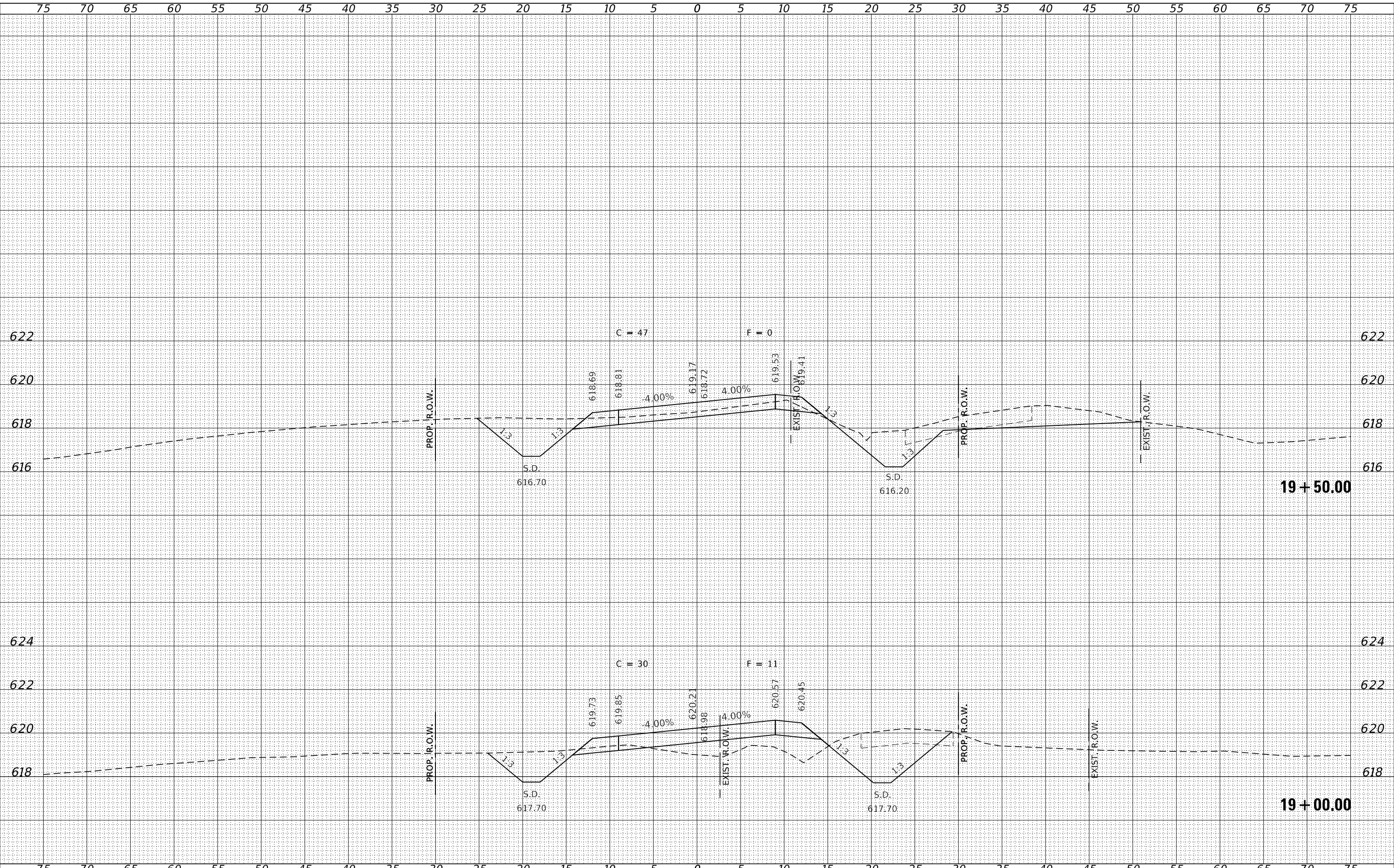
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	19
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = 190591-shl-vssheets.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000958	PLOT SCALE = \$SCALE\$	DRAWN - T.W.K.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	20		
PLOT DATE = 5/1/2024	DATE = 05/01/2024	CHECKED - S.W.M.	REVISED -		WHITLEY ROAD DISTRICT		CONTRACT NO. 95945				
		REVISOR -	REVISED -		SCALE: 5H:2V	SHEET NO. 2 OF 23 SHEETS	STA. 17+50.00 TO STA. 18+50.00	ILLINOIS FED. AID PROJECT STC4(926)			



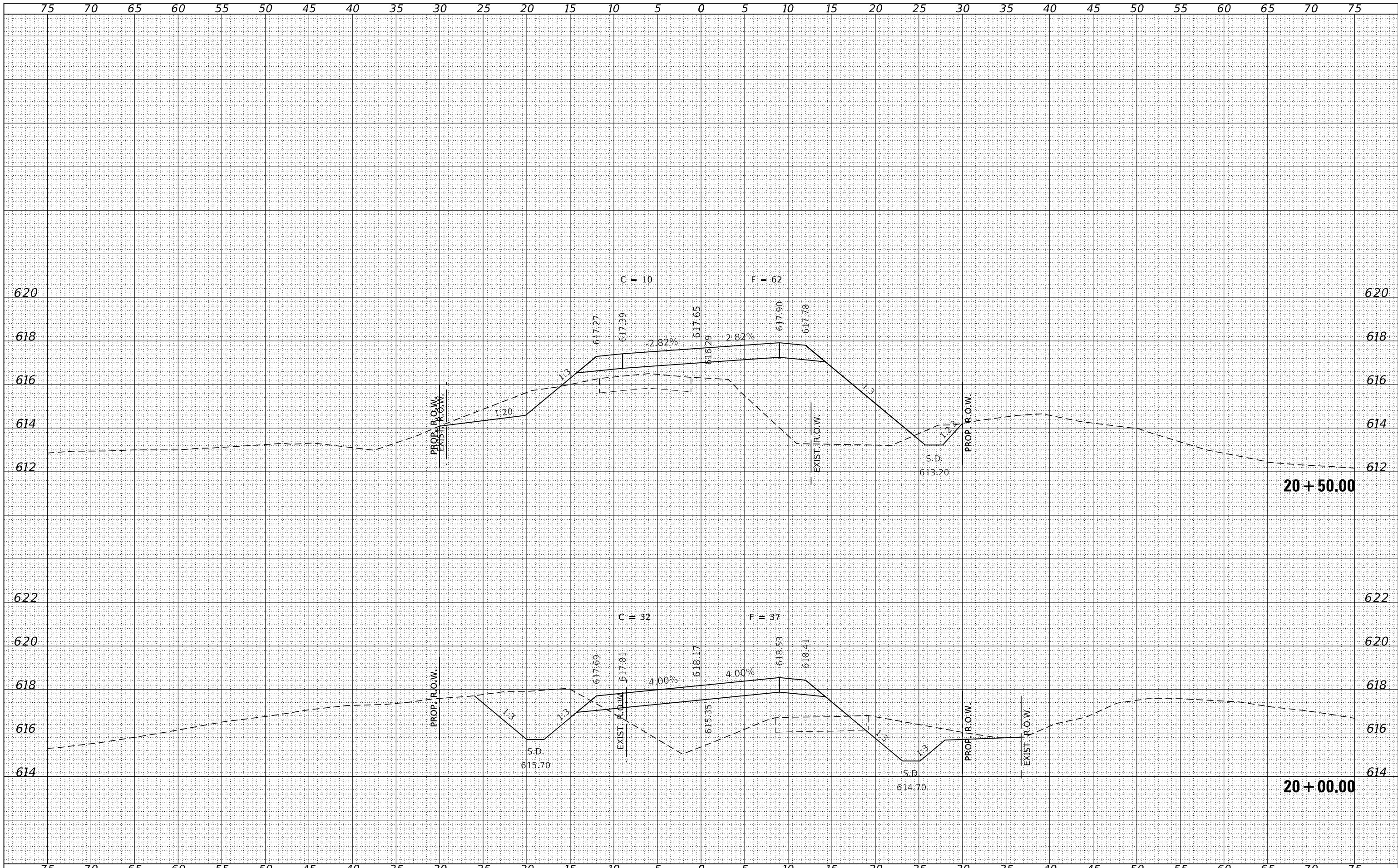
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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

FILE NAME = 190591-shl-xssheets.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000958		DRAWN - T.W.K.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	21		
		CHECKED - S.W.M.	REVISED -		WHITLEY ROAD DISTRICT		CONTRACT NO. 95945				
		DATE - 05/01/2024	REVISED -		SCALE: 5H:2V	SHEET NO. 3 OF 23 SHEETS	STA. 19+00.00 TO STA. 19+50.00	ILLINOIS FED. AID PROJECT STC4(926)			

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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME = 190591-eh1-xssheets.dgn
 HAMPSON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.009958

USER NAME = rmosck
 PLOT SCALE = \$S\$CALES
 PLOT DATE = 5/1/2024

DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

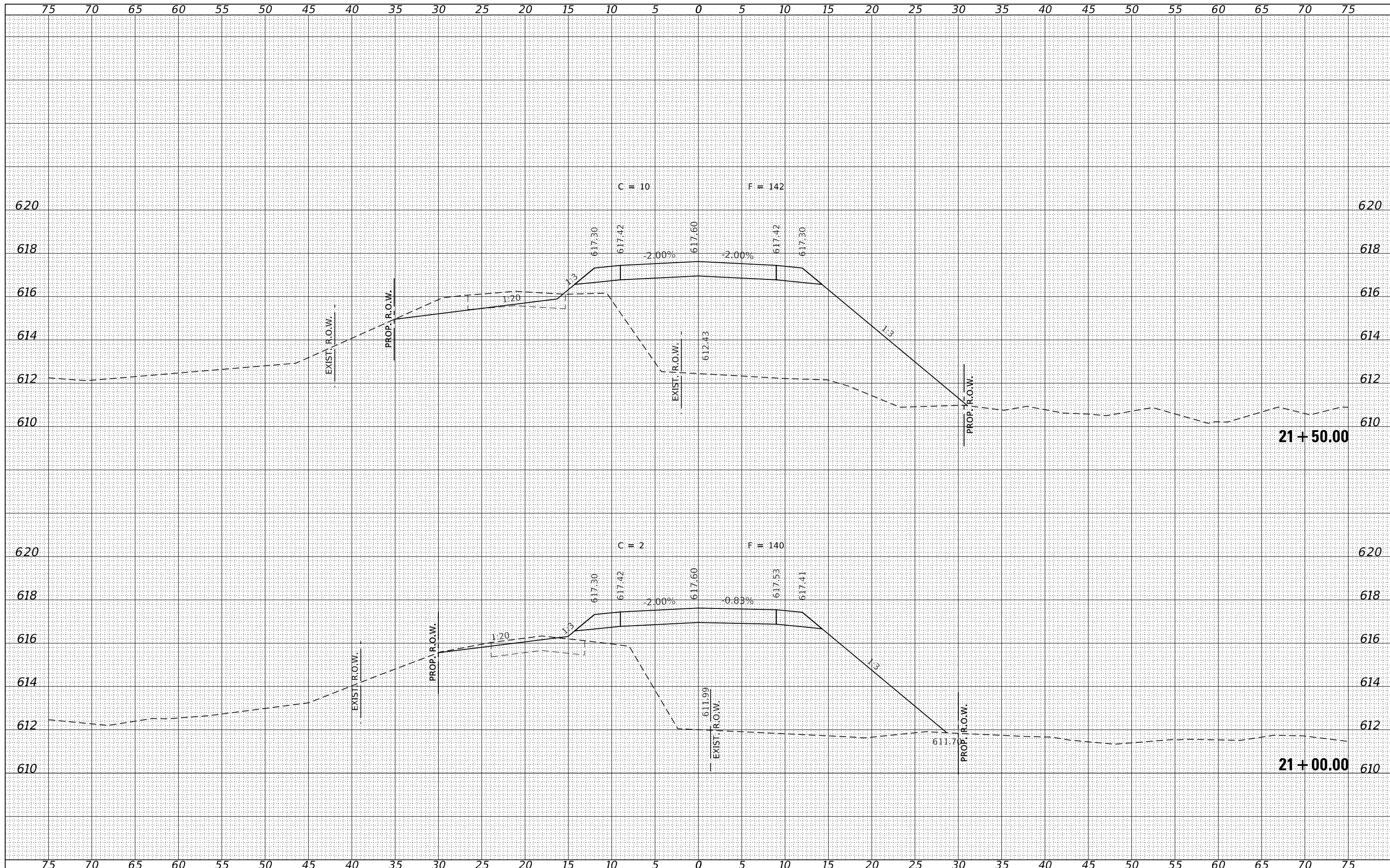
STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS
 SCALE: 5H:2V
 SHEET NO. 4 OF 23 SHEETS
 STA. 20+00.00 TO STA. 20+50.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	22
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23			ILLINOIS FED. AID PROJECT STC4(926)	

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

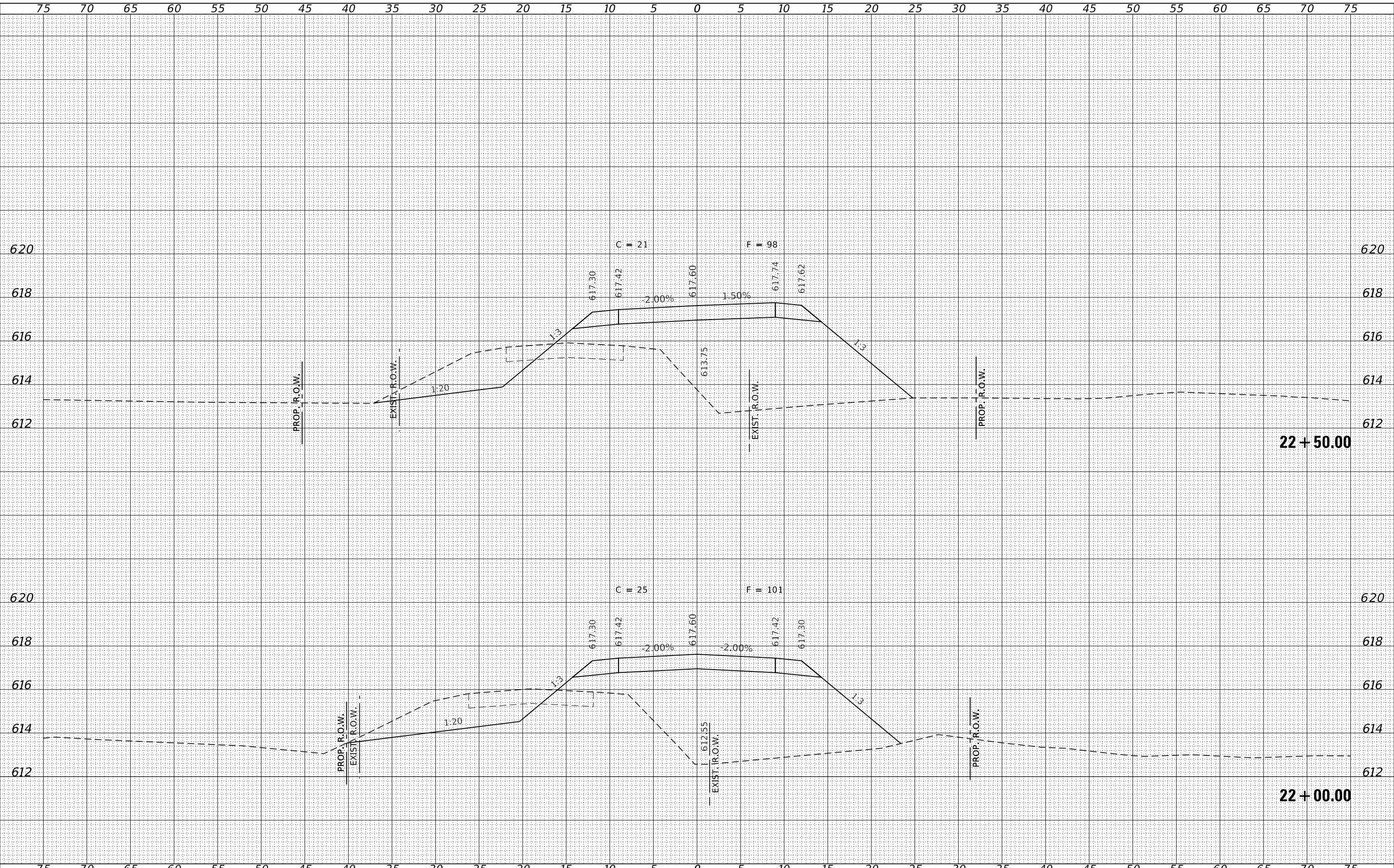
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



FILE NAME = 190591-ent-ssheets.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC.		DRAWN - T.W.K.	REVISED -			142	94-08112-00-BR	MOULTRIE	41	23	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L S / P E / SE CORP. 184.000958		CHECKED - S.W.M.	REVISED -			WHITLEY ROAD DISTRICT		CONTRACT NO. 95945			
		PLOT SCALE = \$\$SCALE\$	REVISED -			SCALE: 5H:2V	SHEET NO. 5 OF 23 SHEETS	STA. 21+00.00 TO STA. 21+50.00	C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)
		PLOT DATE = 5/1/2024	REVISED -								

DATE
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SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS
CHECKED
NO.

DATE
BY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS
CHECKED
NO.



FILE NAME = 190591-sh1-xssheets.dgn
HAMPTON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.009958

USER NAME = rnosck
 DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 5/1/2024

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 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT**

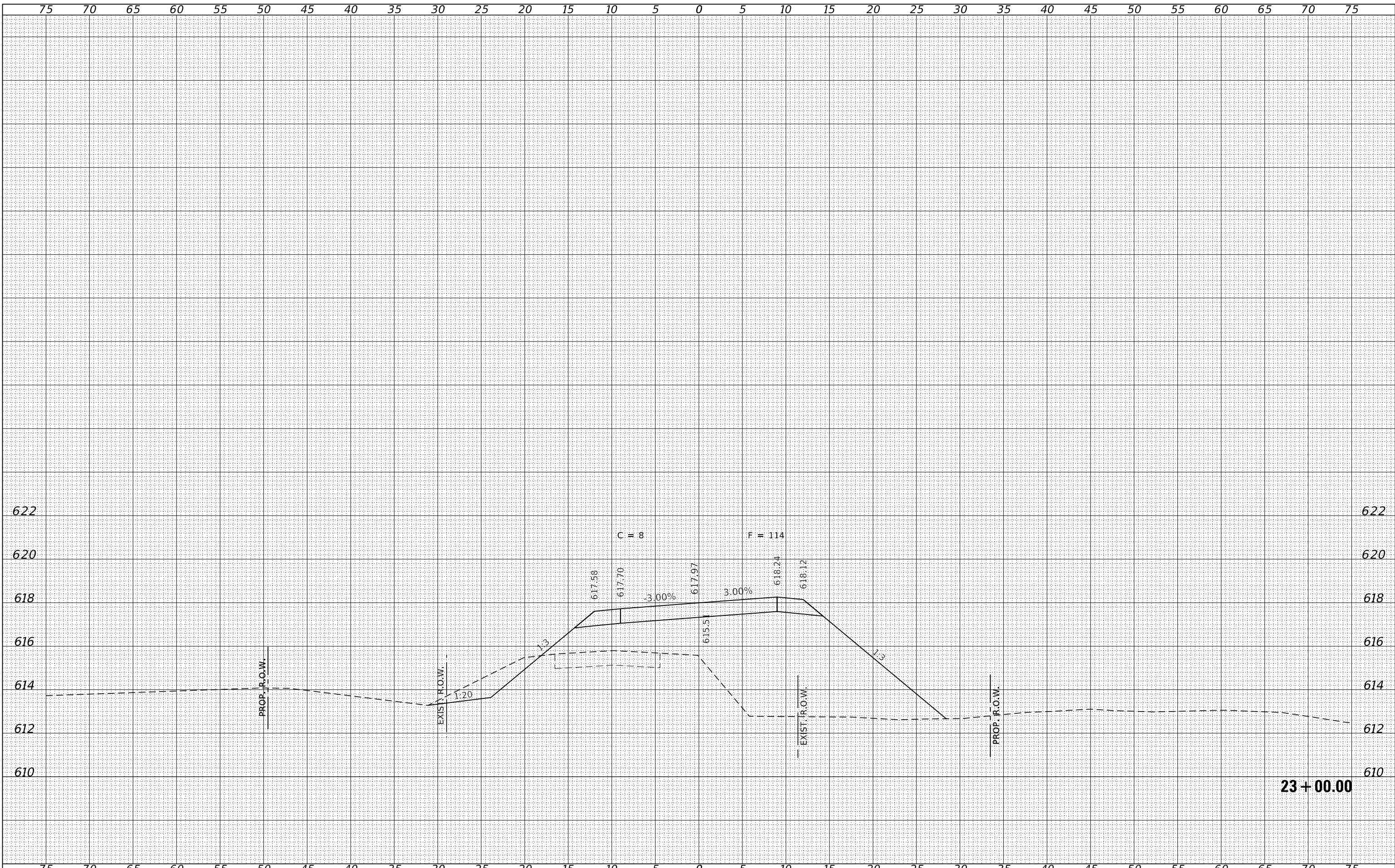
STATION CROSS SECTIONS

SCALE: 5H:2V SHEET NO. 6 OF 23 SHEETS STA. 22+00.00 TO STA. 22+50.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	24
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23	ILLINOIS		FED. AID PROJECT STC4(926)	

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



FILE NAME = 190591-sh1-xssheets.dgn
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 HAMPTON, LENZINI AND RENWICK, INC.
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.009959

USER NAME = rmosck
 DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 5/1/2024

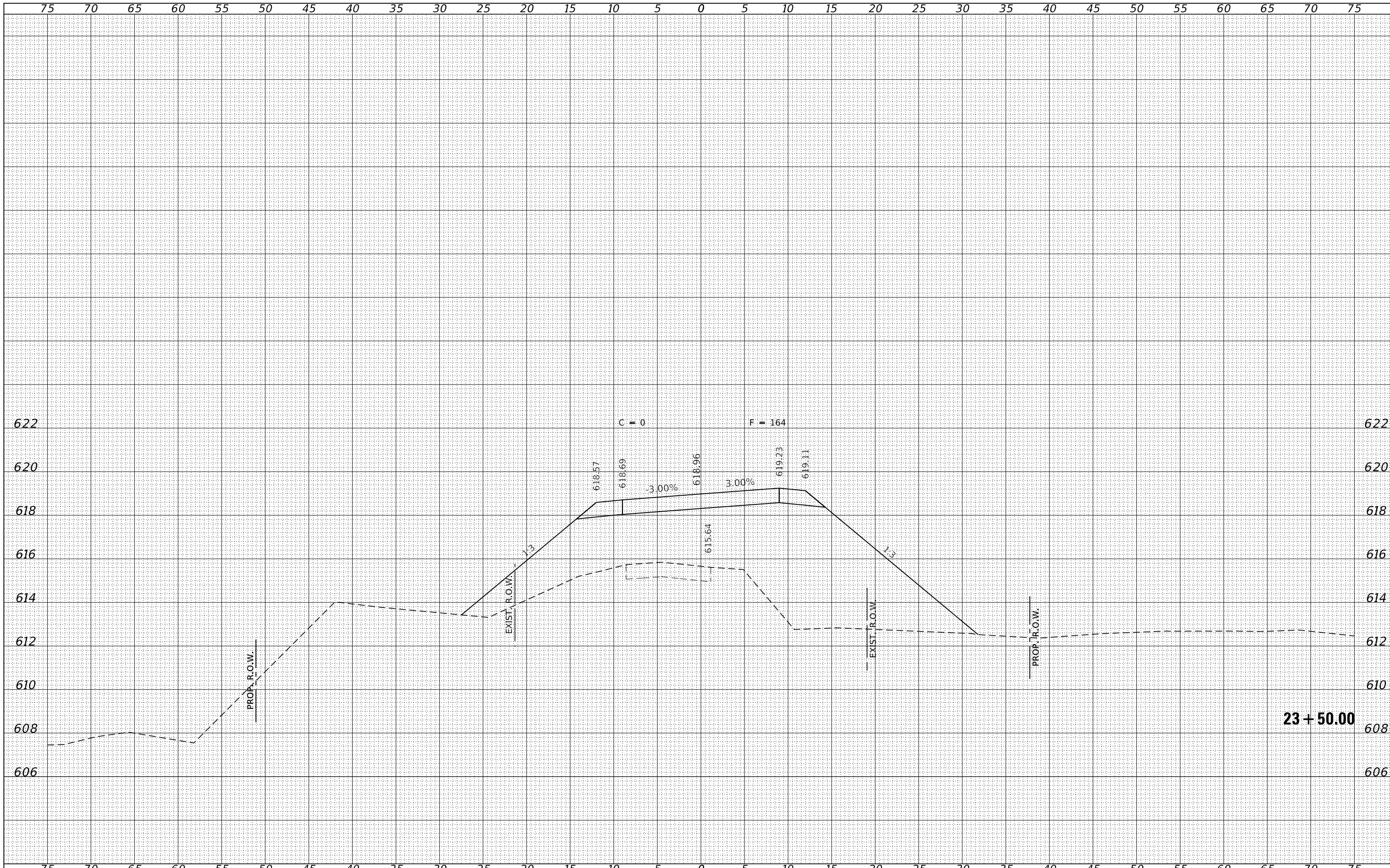
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STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT

SCALE: 5H:2V
 SHEET NO. 7 OF 23 SHEETS
 STA. 23+00.00 TO STA. 23+00.00

STATION CROSS SECTIONS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	25
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)		



BY	DATE

BY	DATE

FILE NAME = 190591-01-xxsheets.dgn

HAMPTON, LENZINI AND RENWICK, INC.
 3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-009959

USER NAME =	mosck
DESIGNED -	J.W.F.
DRAWN -	T.W.K.
CHECKED -	S.W.M.
DATE -	05/01/2024
PLOT SCALE =	\$S\$CALES
PLOT DATE =	5/1/2024

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**STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT**

STATION CROSS SECTIONS

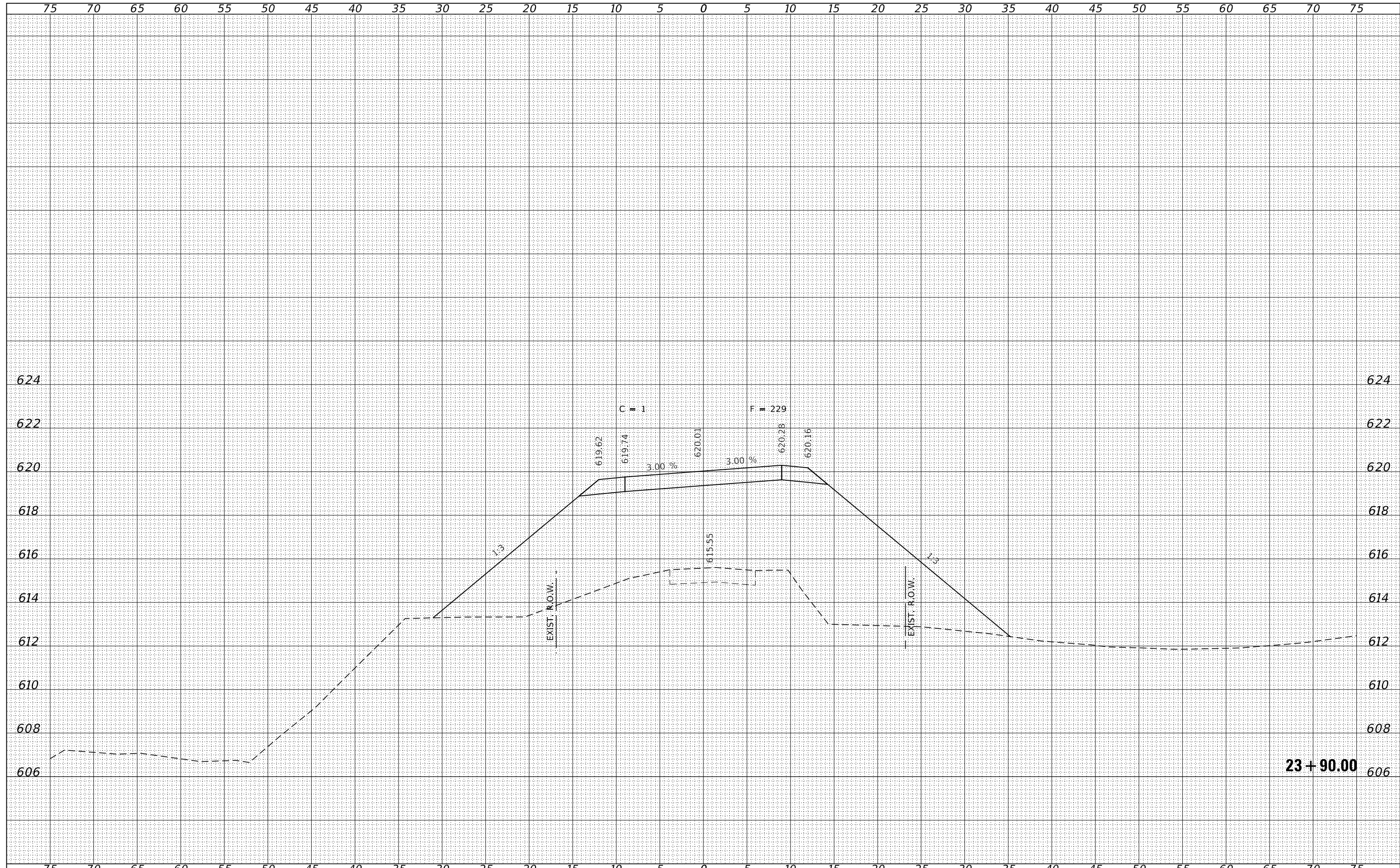
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SHEET NO. 8	OF 23 SHEETS	STA. 23+50.00	TO STA. 23+50.00
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T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	26
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23	ILLINOIS	FED. AID PROJECT	STC4(926)	

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

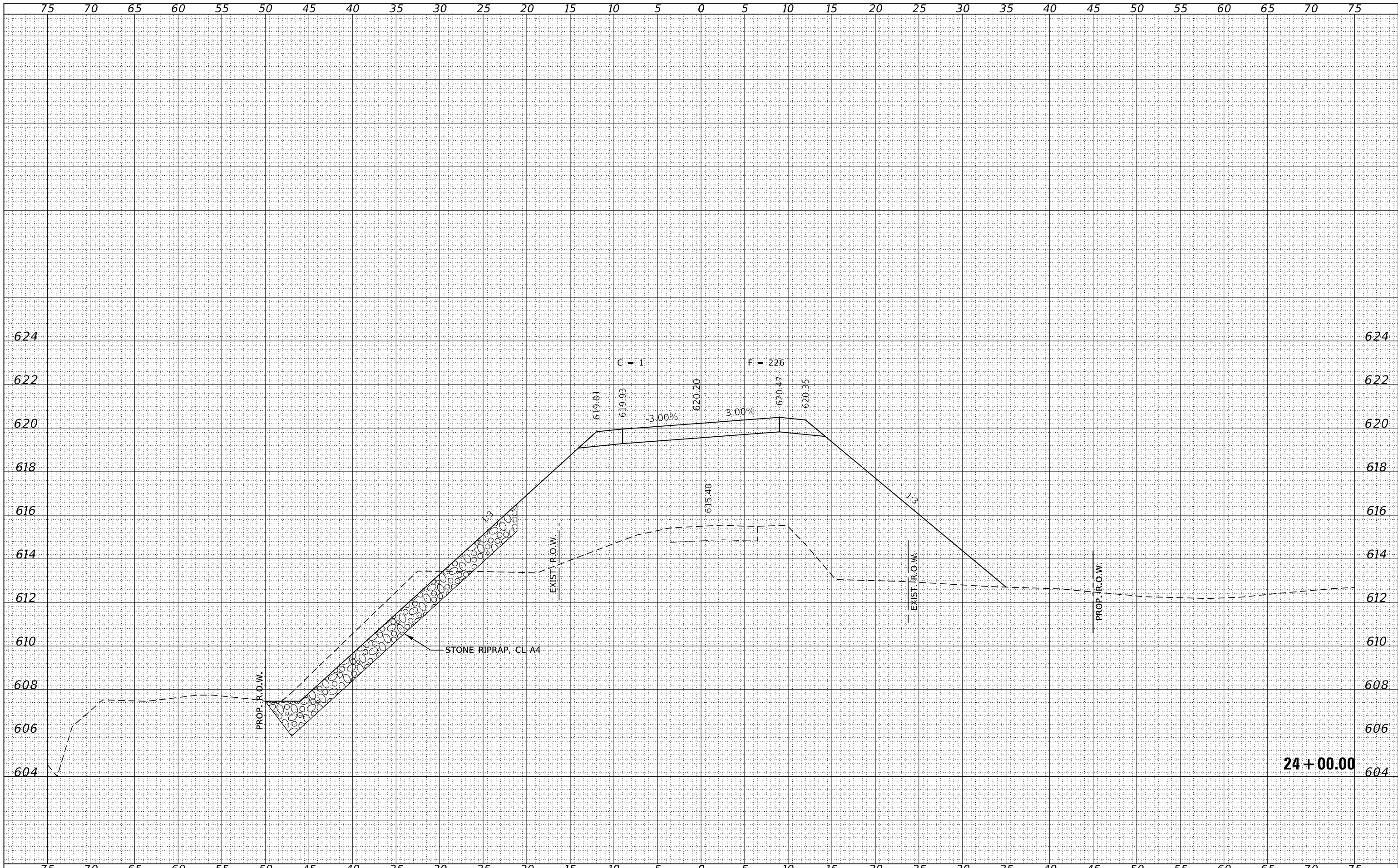
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS
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HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E. CORP. 184-009558	PLOT SCALE = \$\$SCALE\$	DRAWN - T.W.K.	REVISD -			142	94-08112-00-BR	MOULTRIE	41	27
	PLOT DATE = 5/1/2024	CHECKED - S.W.M.	REVISD -	SCALE: 5H:2V		WHITLEY ROAD DISTRICT	CONTRACT NO. 95945			
		DATE - 05/01/2024	REVISD -	SHEET NO. 9 OF 23 SHEETS		ILLINOIS	FED. AID PROJECT STC4(926)			

BY	DATE

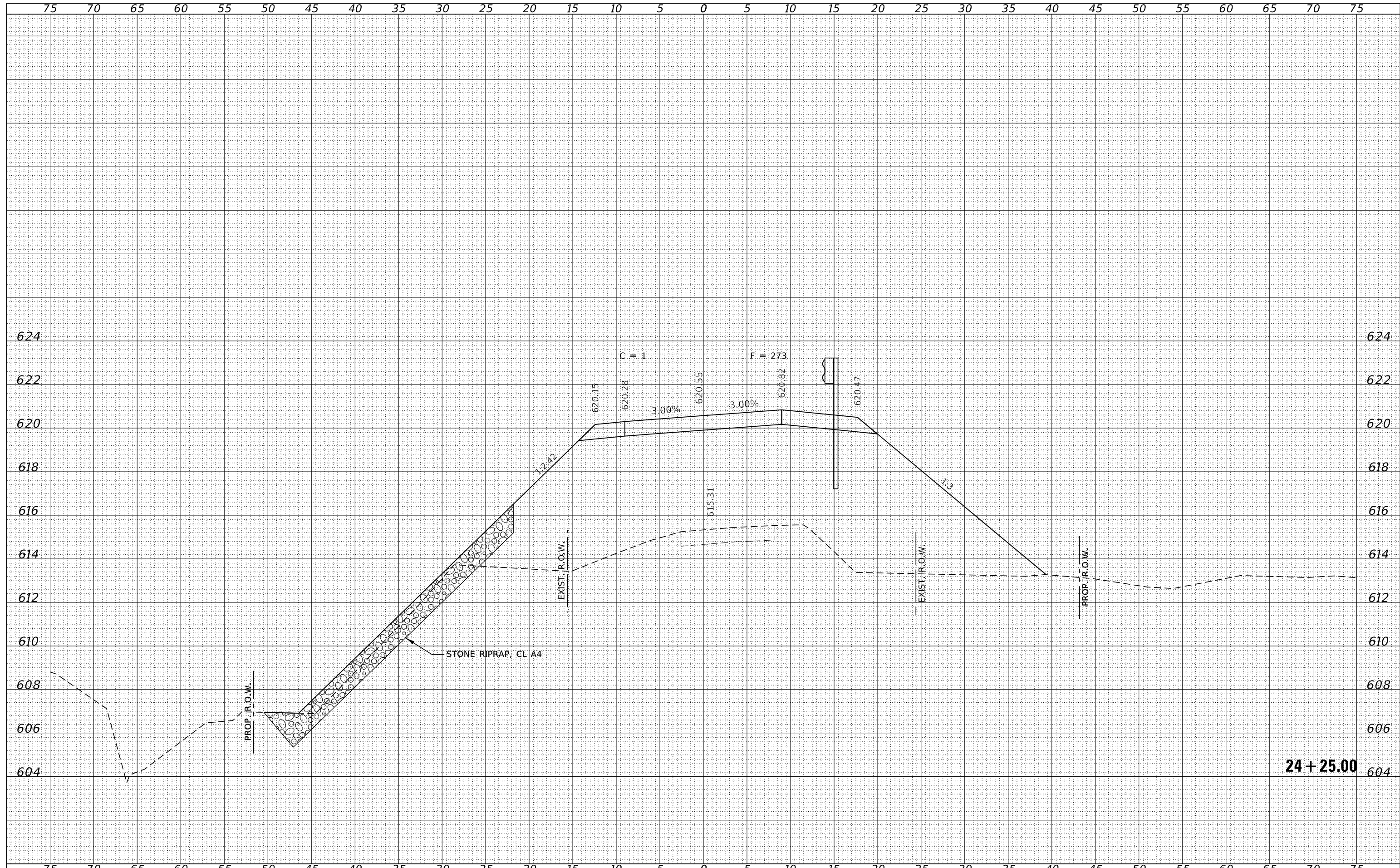
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED



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HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L/S / PE / SE CORP. 184.000958	DRAWN - T.W.K.	REVISED -	142				94-08112-00-BR	MOULTRIE	41	28	
PLOT SCALE = \$SCALES	CHECKED - S.W.M.	REVISED -	WHITLEY ROAD DISTRICT		CONTRACT NO. 95945						
PLOT DATE = 5/1/2024	DATE - 05/01/2024	REVISED -	C-97-093-23		ILLINOIS	FED. AID PROJECT STC4(926)					
SCALE: 5H:2V				SHEET NO. 10 OF 23 SHEETS		STA. 24+00.00 TO STA. 24+00.00					

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



FILE NAME = 190591-shl-xssheets.dgn
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 DESIGNED - J.W.F.
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 DATE - 05/01/2024

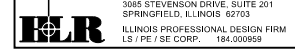
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STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS

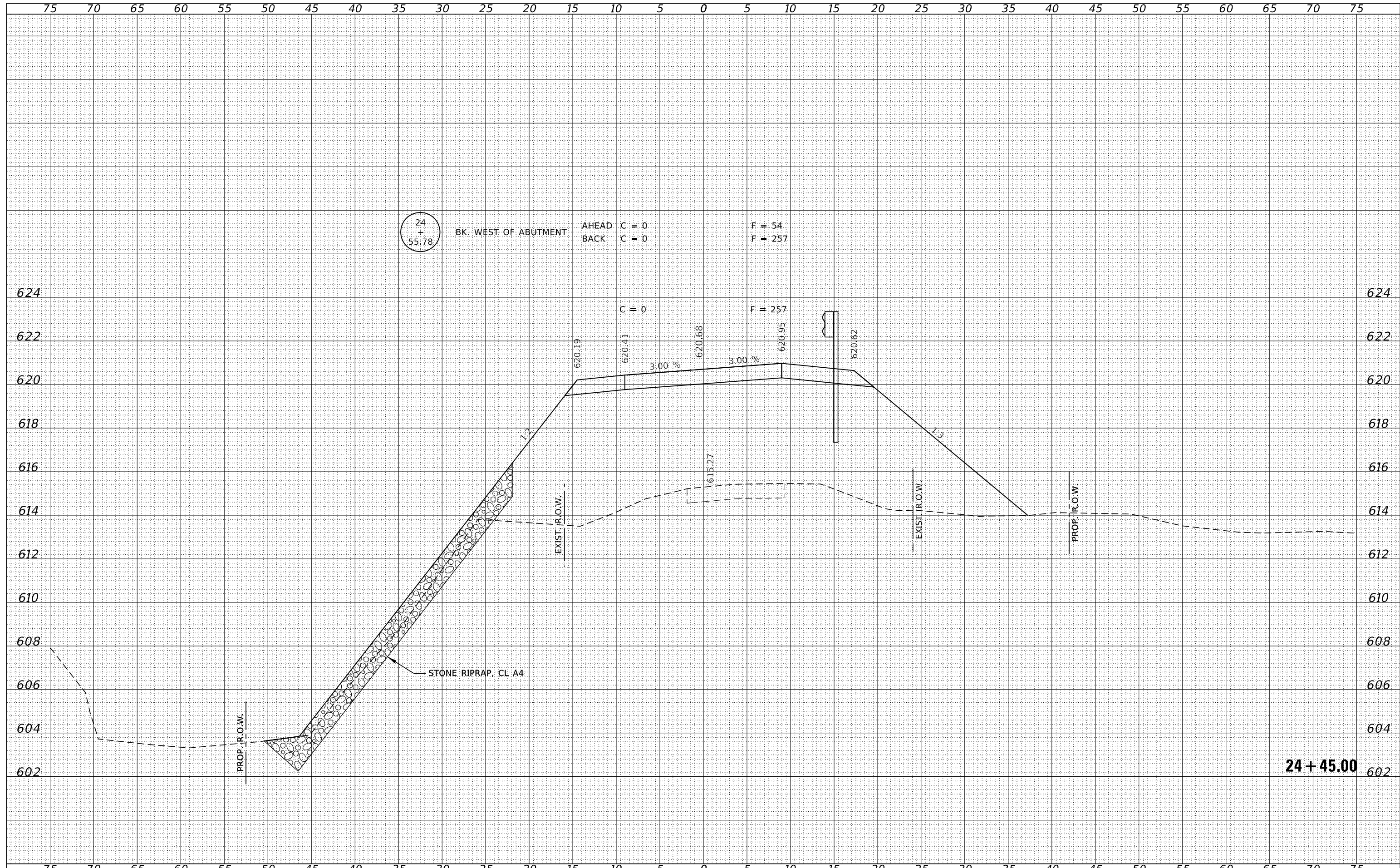
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	29
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23	ILLINOIS	FED. AID PROJECT	STC4(926)	

SCALE: 5H:2V
 SHEET NO. 11 OF 23 SHEETS
 STA. 24+25.00 TO STA. 24+25.00



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

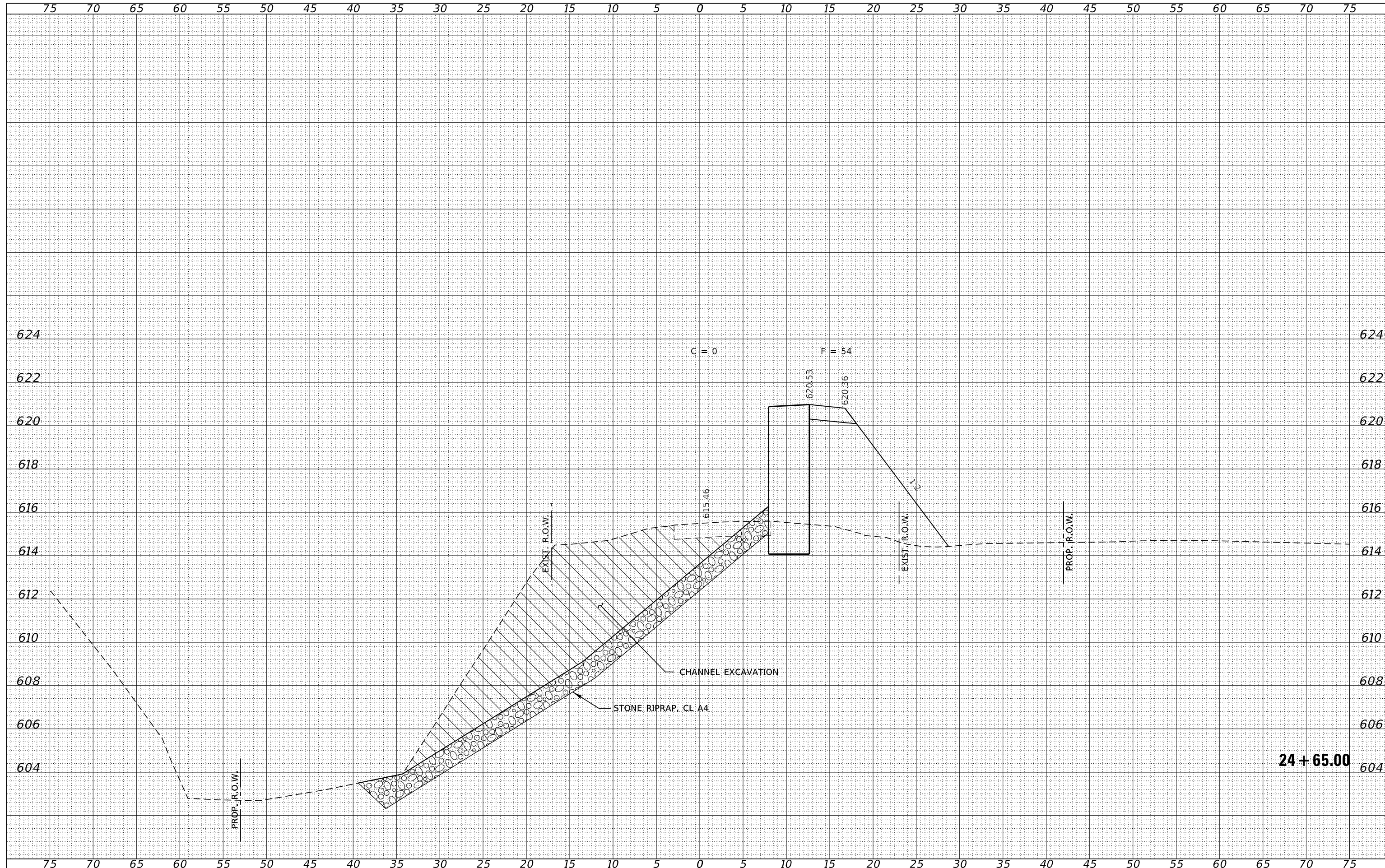
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NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



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HAMPTON, LENZINI AND RENWICK, INC. <small>3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000958</small>		DRAWN - T.W.K.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	30
PLOT SCALE = \$SCALES		CHECKED - S.W.M.	REVISED -		WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
PLOT DATE = 5/1/2024		DATE - 05/01/2024	REVISED -	SCALE: 5H:2V	SHEET NO. 12 OF 23 SHEETS	STA. 24+45.00 TO STA. 24+45.00		C-97-093-23 ILLINOIS FED. AID PROJECT STC4(926)	

BY	DATE

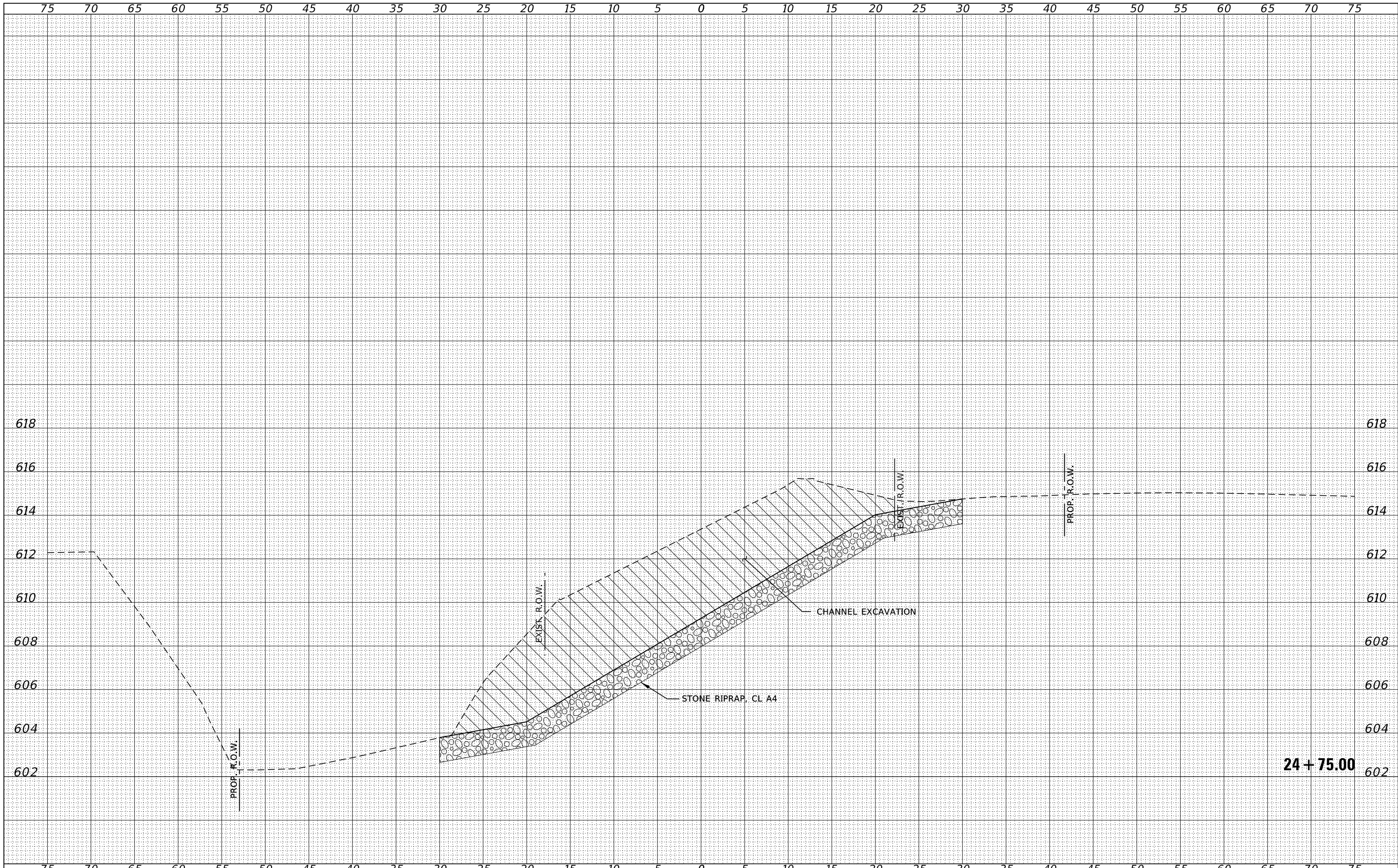
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	PLOT SCALE = \$\$SCALE\$	DRAWN - T.W.K.	REVISED -						142	94-08112-00-BR	MOULTRIE	41	31	
	PLOT DATE = 5/1/2024	CHECKED - S.W.M.	REVISED -						WHITLEY ROAD DISTRICT				CONTRACT NO. 95945	
		DATE - 05/01/2024	REVISED -						SCALE: 5H:2V	SHEET NO. 13 OF 23 SHEETS	STA. 24+65.00 TO STA. 24+65.00	C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = 190591-shl-xssheets.dgn
 HAMPSON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.009959

USER NAME = rmosck
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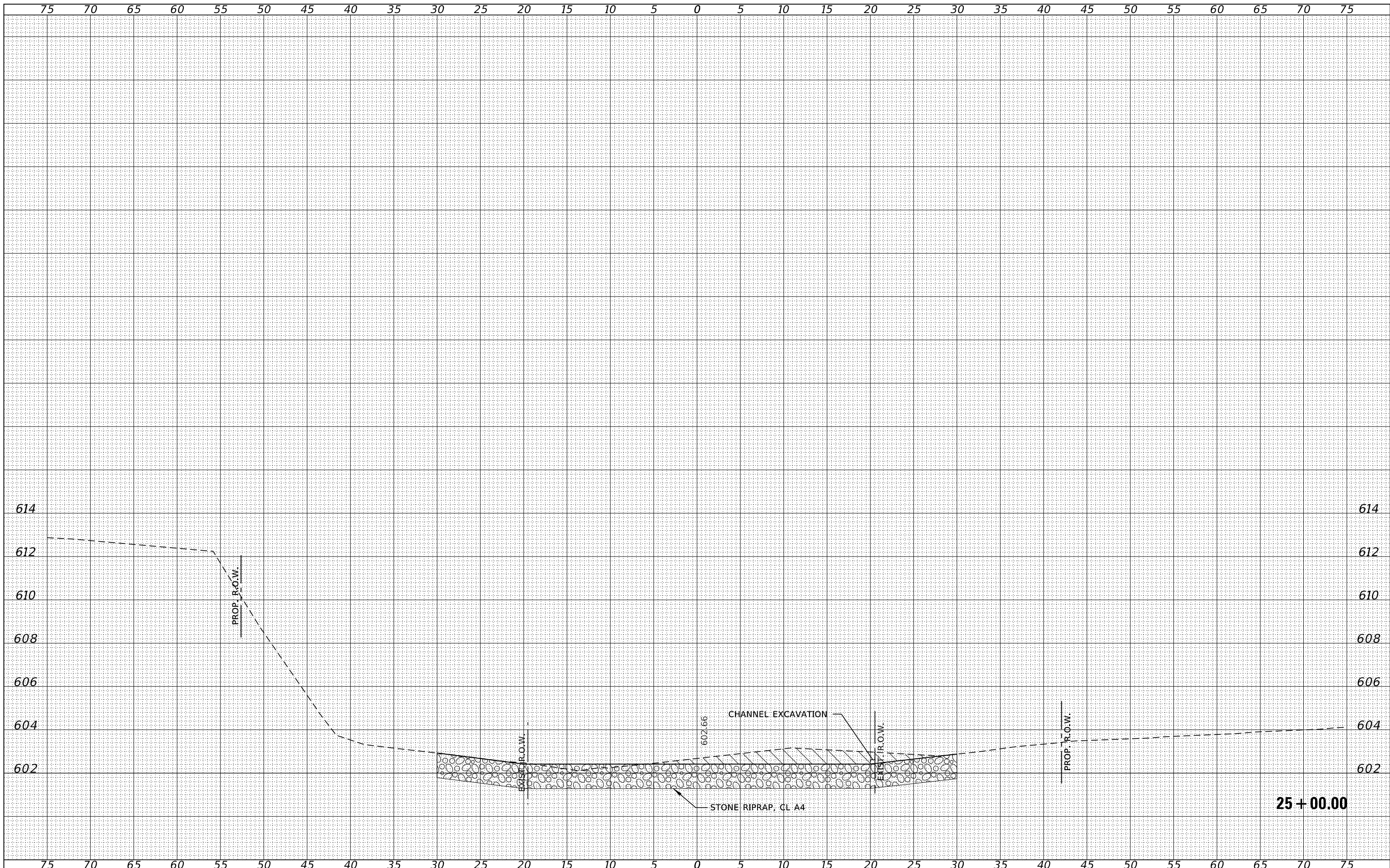
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 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024

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**STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT**

STATION CROSS SECTIONS
 SCALE: 5H:2V
 SHEET NO. 14 OF 23 SHEETS
 STA. 24+75.00 TO STA. 24+75.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	32
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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NOTE BOOK NO.	PLOTTED		
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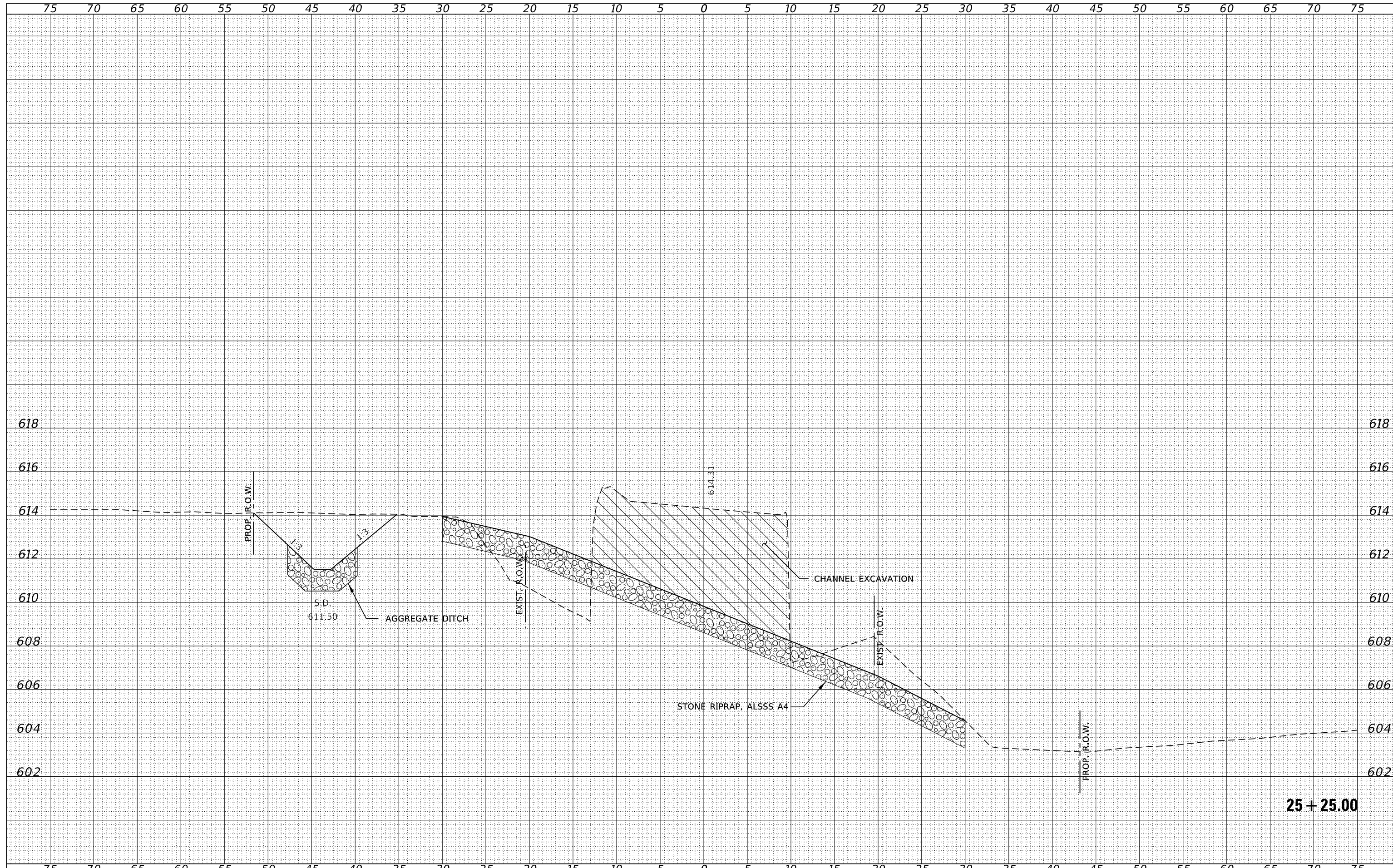
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	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 5/1/2024	DATE - 05/01/2024	REVISED -

STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS

SCALE: 5H:2V SHEET NO. 15 OF 23 SHEETS STA. 25+00.00 TO STA. 25+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	33
WHITLEY ROAD DISTRICT			CONTRACT NO. 95945	
C-97-093-23		ILLINOIS	FED. AID PROJECT STC4(926)	

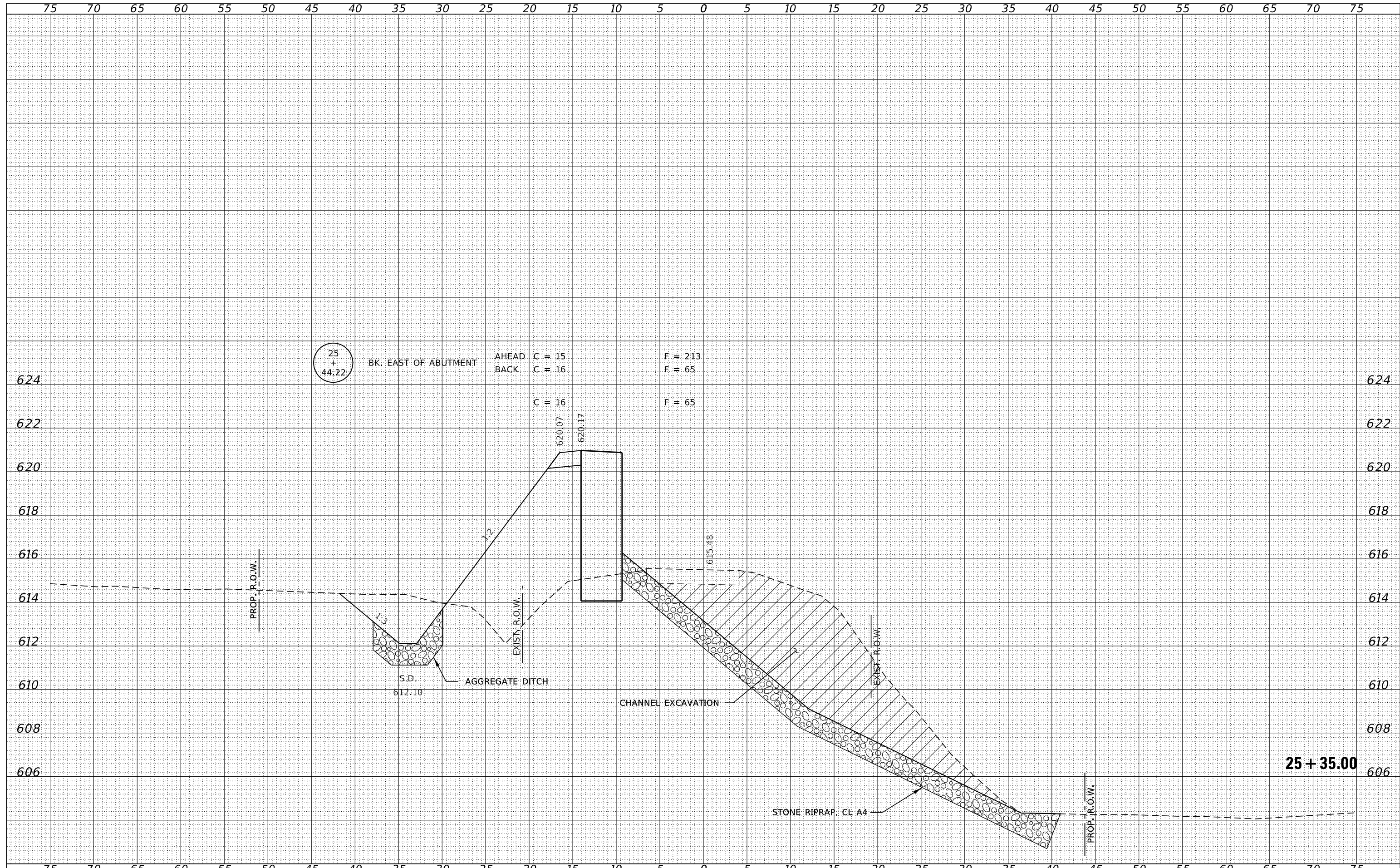


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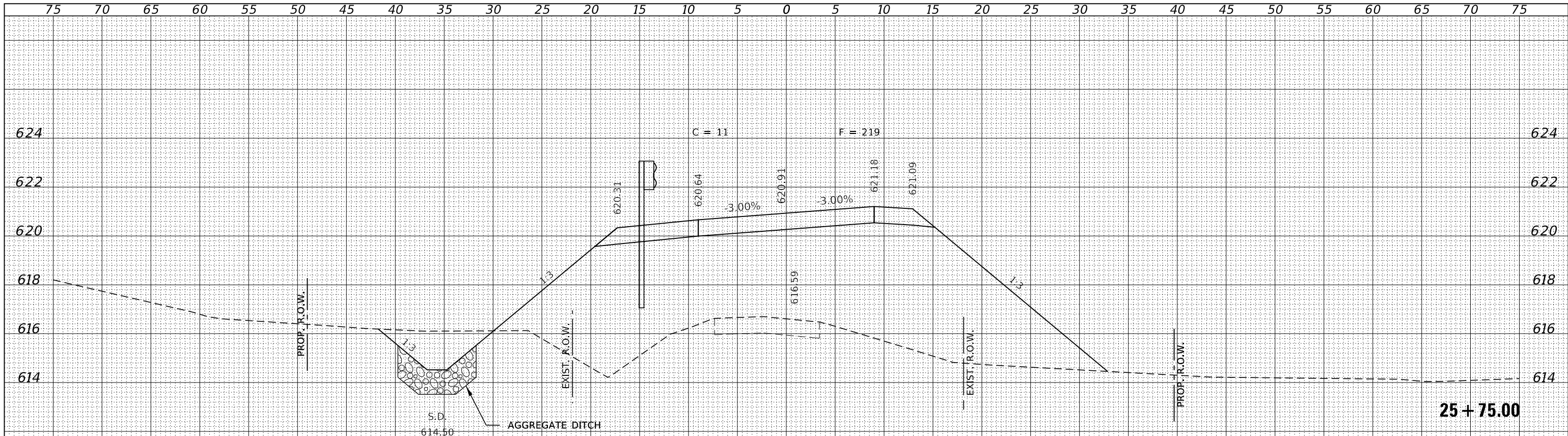
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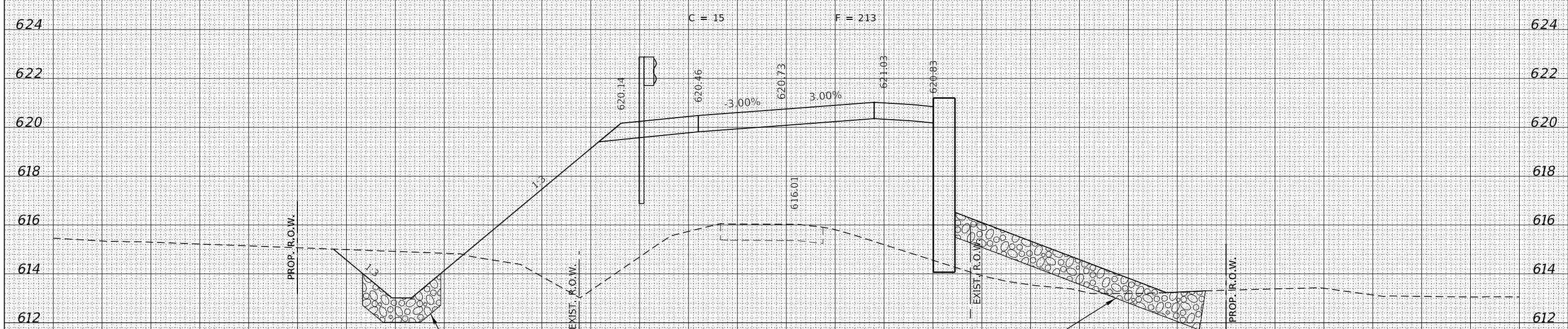


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HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.009958	PLOT SCALE = \$SCALES	DRAWN - T.W.K.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	35			
PLOT DATE = 5/1/2024	DATE - 05/01/2024	CHECKED - S.W.M.	REVISED -		SCALE: 5H:2V		SHEET NO. 17 OF 23 SHEETS		STA. 25+35.00 TO STA. 25+35.00		CONTRACT NO. 95945	
		REVISOR -	REVISED -		C-97-093-23		ILLINOIS		FED. AID PROJECT STC4(926)			

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



DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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 HAMPSON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184-009958

USER NAME = rmosck
 DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 5/1/2024

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STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT

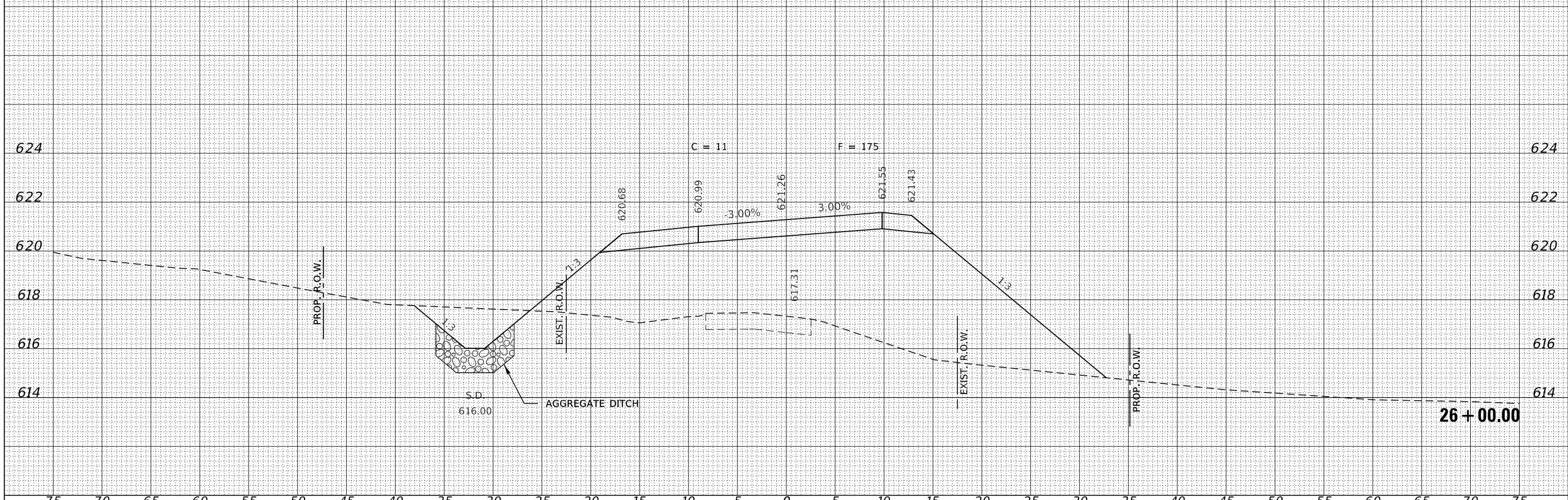
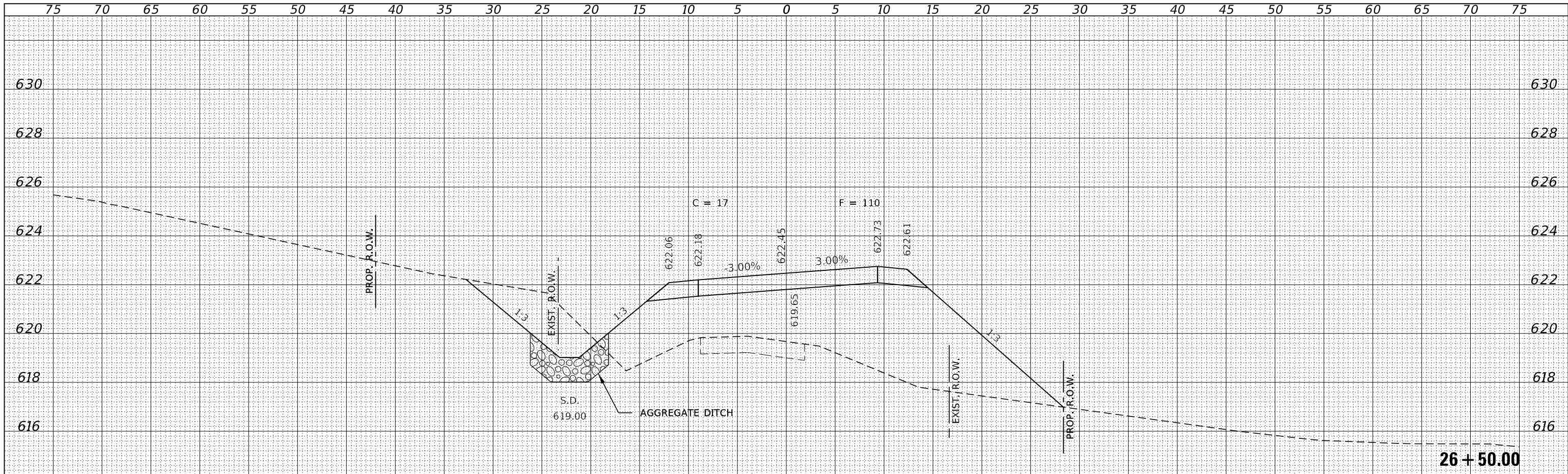
STATION CROSS SECTIONS

SCALE: 5H:2V SHEET NO. 18 OF 23 SHEETS STA. 25+50.00 TO STA. 25+75.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	36
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)		

BY	DATE

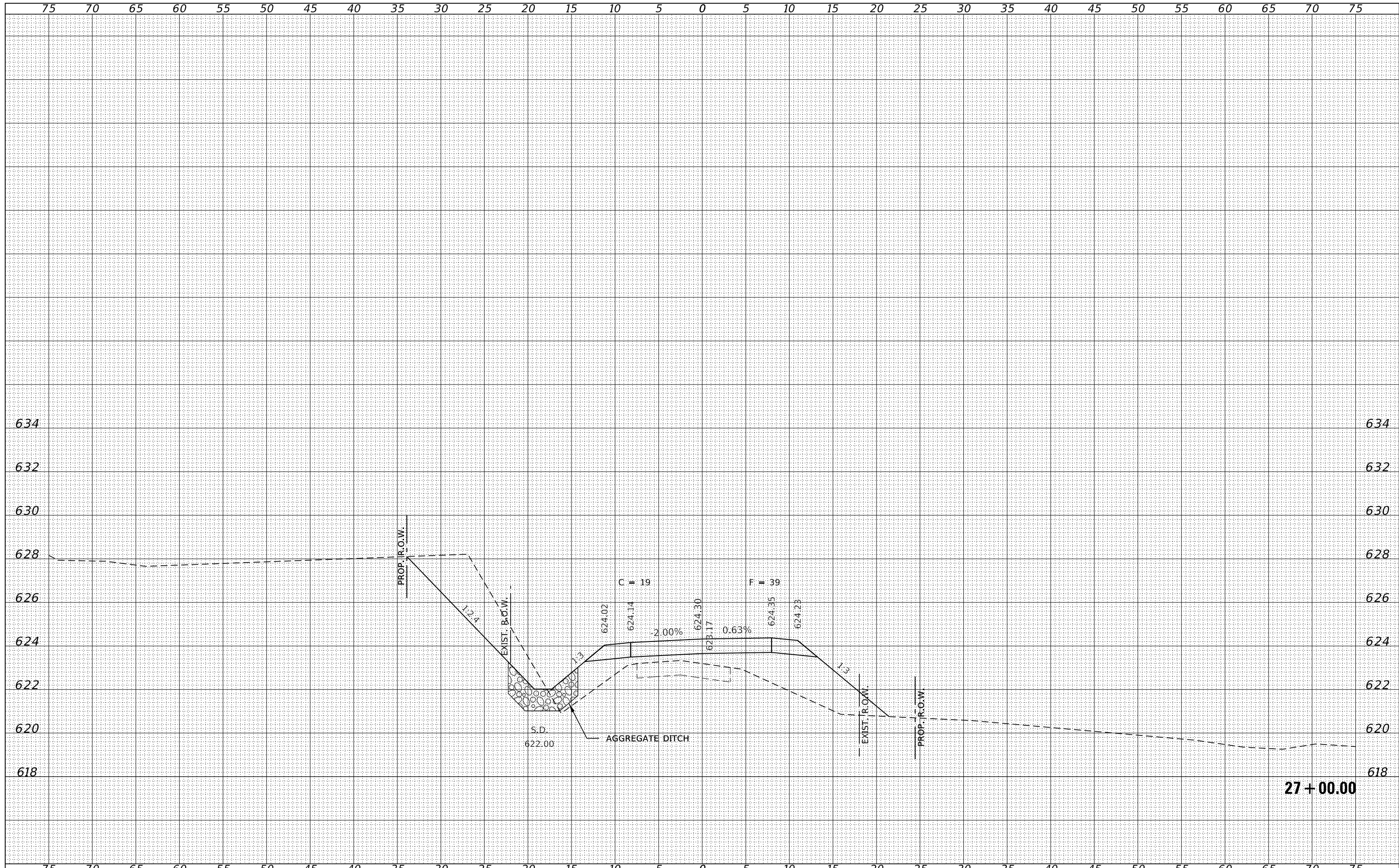
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



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HAMPTON, LENZINI AND RENWICK, INC.	DRAWN - T.W.K.	REVISED -	142		94-08112-00-BR	MOULTRIE	41	37	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000958	CHECKED - S.W.M.	REVISED -	WHITLEY ROAD DISTRICT		CONTRACT NO. 95945				
PLOT SCALE = \$SCALES	DATE - 05/01/2024	REVISED -	C-97-093-23		ILLINOIS	FED. AID PROJECT STC4(926)			
PLOT DATE = 5/1/2024	SCALE: 5H:2V	SHEET NO. 19 OF 23 SHEETS	STA. 26+00.00 TO STA. 26+50.00						

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

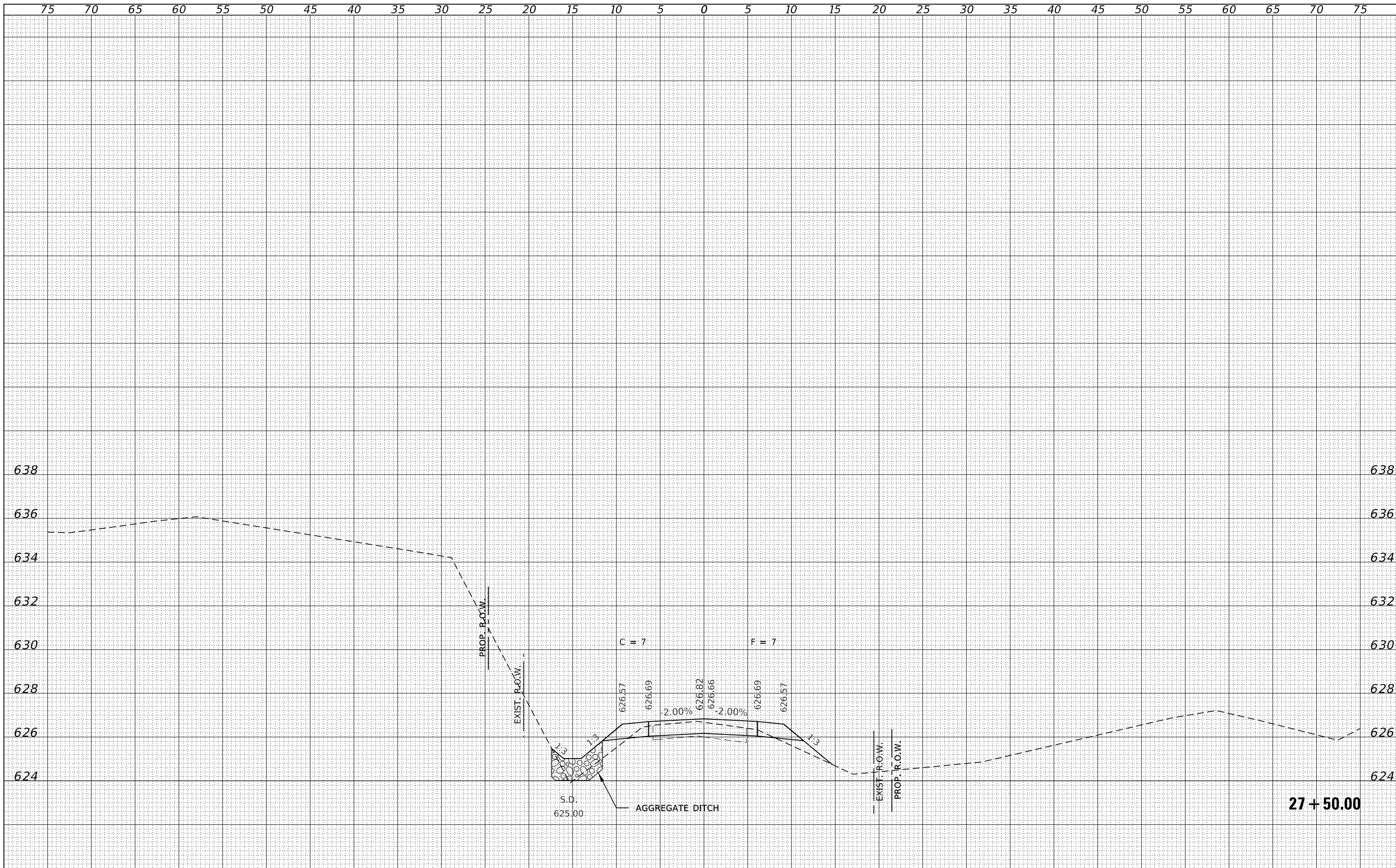
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



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HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORP. 184.000958	PLOT SCALE = \$SCALES	DRAWN - T.W.K.	REVISD -				142	94-08112-00-BR	MOULTRIE	41	38
PLOT DATE = 5/1/2024	CHECKED - S.W.M.	REVISD -	SCALE: 5H:2V		SHEET NO. 20 OF 23 SHEETS		STA. 27+00.00 TO STA. 27+00.00	CONTRACT NO. 95945			
	DATE - 05/01/2024	REVISD -					C-97-093-23	ILLINOIS FED. AID PROJECT STC4(926)			

BY	DATE

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



27 + 50.00

FILE NAME = 190591-sh1-ssheets.dgn
 HAMPTON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 I/S / P/E / SE CORP. 184.000958

USER NAME = rmosck
 PLOT SCALE = 5/16"=1'-0"
 PLOT DATE = 5/1/2024

DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 05/01/2024

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 MOULTRIE COUNTY HIGHWAY DEPARTMENT

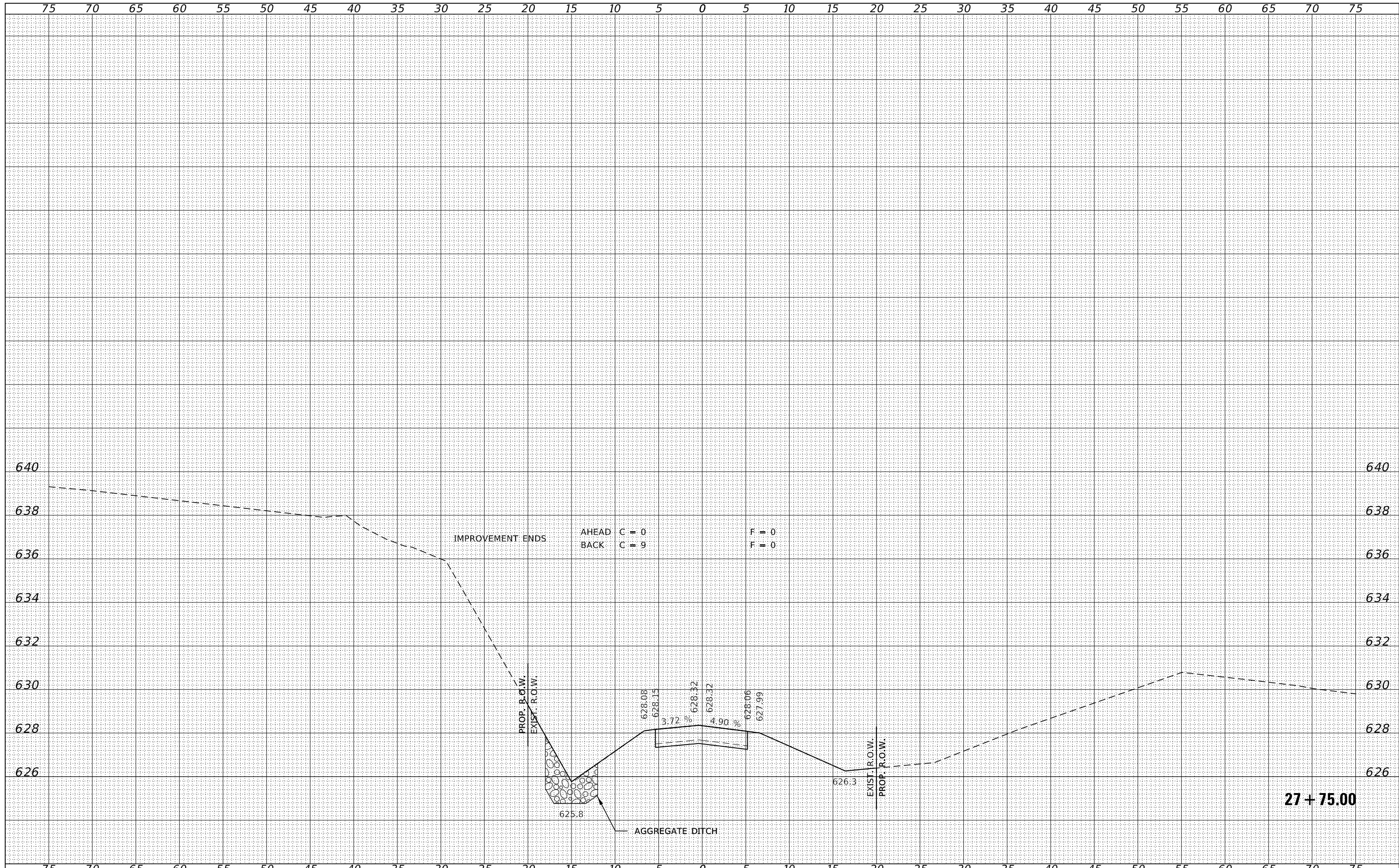
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 SHEET NO. 21 OF 23 SHEETS
 STA. 27+50.00 TO STA. 27+50.00

STATION CROSS SECTIONS

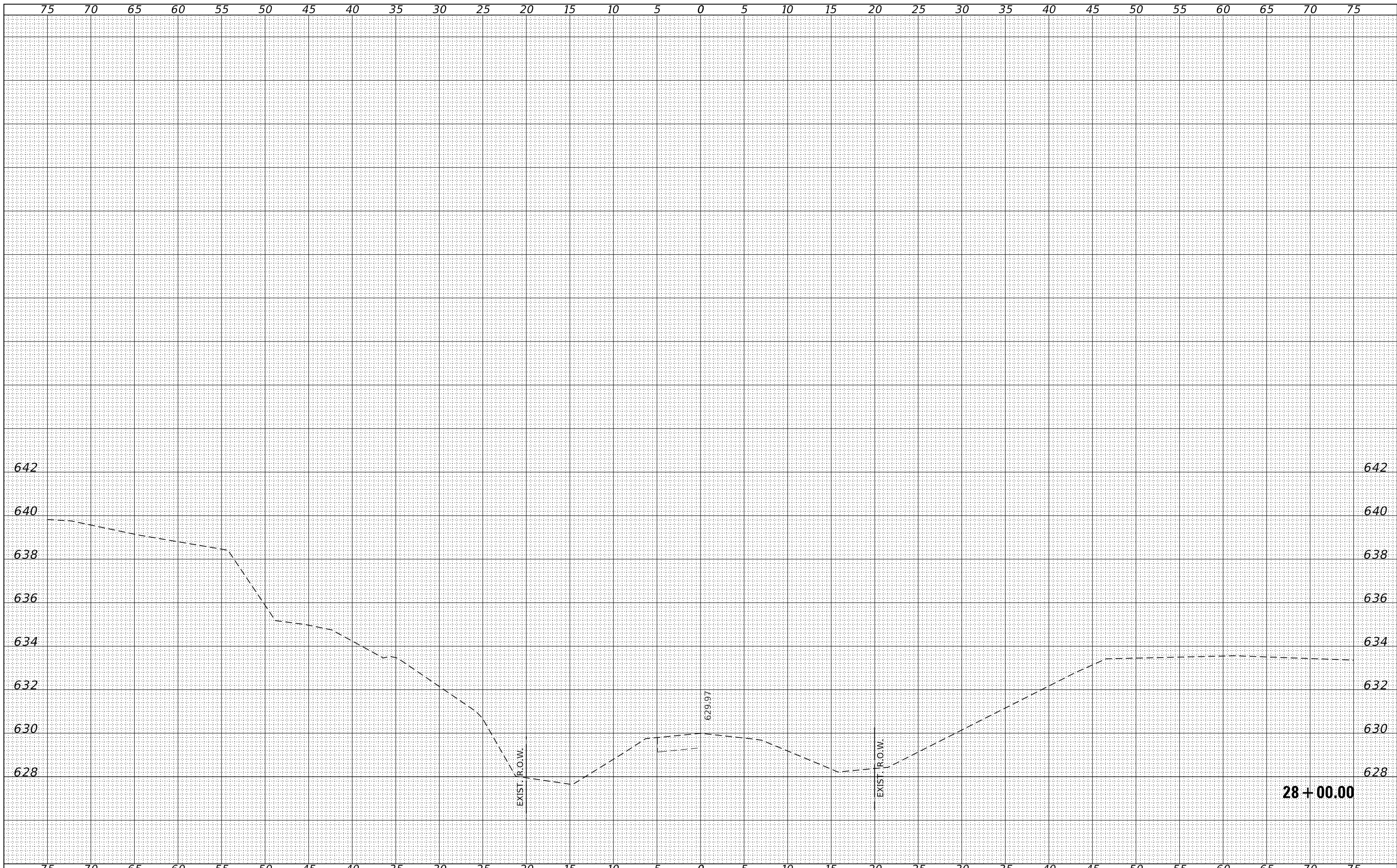
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
142	94-08112-00-BR	MOULTRIE	41	39
WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
C-97-093-23		ILLINOIS FED. AID PROJECT STC4(926)		

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

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



FILE NAME = 190591-sh1-ssheets.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	<p align="center">STATE OF ILLINOIS</p> <p align="center">MOULTRIE COUNTY HIGHWAY DEPARTMENT</p>	STATION CROSS SECTIONS				
HAMPTON, LENZINI AND RENWICK, INC.	3885 STEVENSON DRIVE, SUITE 201	DRAWN - T.W.K.	REVISED -		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3885 STEVENSON DRIVE, SUITE 201	SPRINGFIELD, ILLINOIS 62703	CHECKED - S.W.M.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	40
ILLINOIS PROFESSIONAL DESIGN FIRM	LS / PE / SE CORP. 184.009658	DATE - 05/01/2024	REVISED -		WHITLEY ROAD DISTRICT		CONTRACT NO. 95945		
SCALE: 5H:2V	SHEET NO. 22 OF 23 SHEETS	STA. 27+75.00 TO STA. 27+75.00			C-97-093-23	ILLINOIS	FED. AID PROJECT STC4(926)		



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

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

FILE NAME = 190591-shl-vssheets.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - T.W.K.	REVISED -		142	94-08112-00-BR	MOULTRIE	41	41			
		CHECKED - S.W.M.	REVISED -		WHITLEY ROAD DISTRICT		CONTRACT NO. 95945					
		DATE - 05/01/2024	REVISED -		SCALE: 5H:2V	SHEET NO. 23 OF 23 SHEETS	STA. 28+00.00 TO STA. 28+00.00	C-97-093-23 ILLINOIS FED. AID PROJECT STC4(926)				