

11/07/2025 LETTING ITEM 127

INDEX OF SHEETS

SHEET NO. DESCRIPTION

1. COVER SHEET
2. SUMMARY OF QUANTITIES AND GENERAL NOTES
3. SCHEDULE OF QUANTITIES
4. TYPICAL CROSS SECTIONS
5. PLAN AND PROFILE
6. GUARDRAIL & SHOULDER LAYOUT
- 7-15. BRIDGE PLANS
16. BORINGS
- 17-36. STATION CROSS SECTIONS

HIGHWAY STANDARDS:

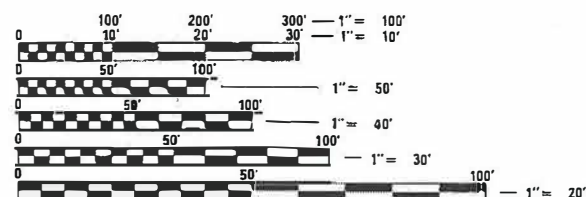
- | | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 515001-04 | NAME PLATE FOR BRIDGES |
| 630301-09 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS |
| 631032-10 | TRAFFIC BARRIER TERMINAL, TYPE 6A |
| 701901-10 | TRAFFIC CONTROL DEVICES |
| 725001-01 | OBJECT AND TERMINAL MARKERS |
| BLR 21-9 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |
| BLR 22-7 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR RURAL LOCAL HIGHWAYS.
(2-LANE 2 WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC) |

UTILITIES

FRONTIER COMMUNICATIONS
109 E. MARKET STREET, 2ND FLOOR
BLOOMINGTON, IL 61701

EASTERN ILLINI ELECTRIC
ENGINEERING DEPARTMENT
330 W. OTTAWA, PO BOX 96
PAXTON, IL 60957

CHICAP PIPELINE
1505 DICKEY POND ROAD
VERNON, IL 62892



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.

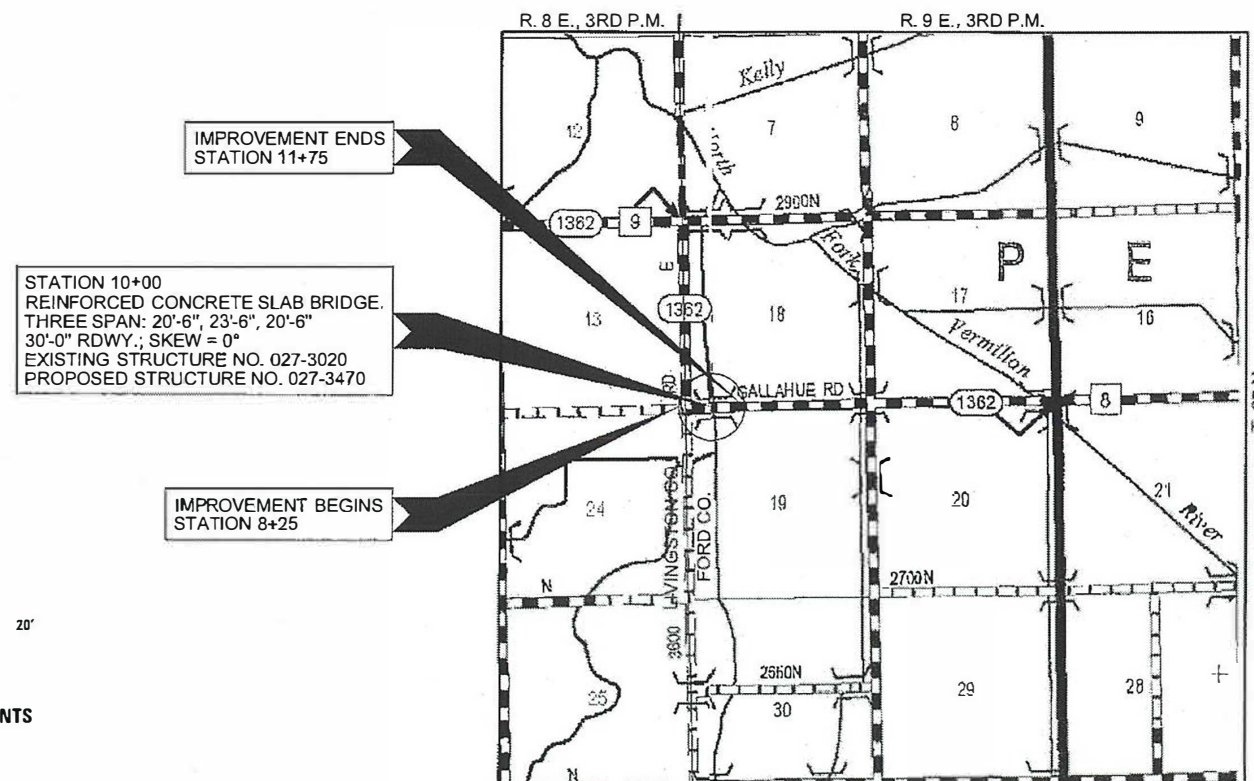
FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR (RURAL)
DESIGN SPEED: 40 MPH
DESIGN TRAFFIC: 50 ADT (2023)
3R DESIGN GUIDELINES ARE USED

CONTRACT NO. 87891 PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED SURFACE TRANSPORTATION PROGRAM-BRIDGE ON SYSTEM BRIDGE

PROJECT OFCR(005)
SECTION 22-00146-00-BR
FORD COUNTY
F.A.S. 1362 / C.H. 8 / GALLAHUE ROAD
PROPOSED STRUCTURE NO. 027-3470
C-93-008-26



LOCATION MAP

APPROXIMATE SCALE: 1" = 1/4 MILE
NET LENGTH OF SECTION = 350 FEET = 0.066 MILES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1362	22-00146-00-BR	FORD	36	1
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 87891		



LOCATION OF SECTION INDICATED THUS: —

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED July 18, 2025
Julia Thompson
COUNTY ENGINEER

PASSED August 27, 2025

DISTRICT THREE ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
Bid Based on
Limited Review
August 27, 2025
Julia Thompson

REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WARNING



CALL 811
BEFORE YOU DIG
DIG NO: X232692106

DATE: 07/17/2025



HAMPTON, LENZI AND RENWICK, INC.
CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
217.548.3400 www.hlrengineering.com

184.080959
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

EXPIRES: 11/30/2025

PROJECT NUMBER: 22.0649.130

DATE: 07/17/2025

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION TYPE CODE 0010	
		UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	355
20300100	CHANNEL EXCAVATION	CU YD	130
20400800	FURNISHED EXCAVATION	CU YD	40
20700110	POROUS GRANULAR EMBANKMENT	TON	140
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	510
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	428
48101200	AGGREGATE SHOULDERS, TYPE B	TON	167
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	44.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	98.3
50300260	BRIDGE DECK GROOVING	SQ YD	210
50300280	CONCRETE ENCASEMENT	CU YD	19.9
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	38,820
* 50900209	STEEL RAILING, TYPE SMX	FOOT	132
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	585
51202305	DRIVING PILES	FOOT	585
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	260
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	260
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	136
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
67100100	MOBILIZATION	L SUM	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.25
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* SPECIALTY ITEMS			

GENERAL NOTES

- 1) 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.
- 2) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 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 CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS AND PIPE DRAINS BEFORE ORDERING THESE ITEMS.
- 6) THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

AGGREGATE SURFACE COURSE & SHOULDERS2.05 TON/CU YD

STONE DUMPED RIPRAP1.75 TON/CU YD

POROUS GRANULAR EMBANKMENT2.0 TON/CU YD
- 7) THE FINAL SURFACE OF ALL EMBANKMENT AREAS SHALL BE SEEDED. THE TOP 4 INCHES OF THE SEEDED AREAS SHALL BE TOPSOIL SUBJECT TO THE APPROVAL OF THE ENGINEER. THE COST OF SHAPING THE SLOPES AND PROVIDING TOP SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 8) ONLY SUITABLE MATERIAL FROM EXCAVATIONS MAY BE USED IN THE EMBANKMENT. EXCESS AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR. SAID DISPOSAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 9) EARTH SURFACES SHALL BE SEEDED WITHIN 14 DAYS OF THE END OF ACTIVE DISTURBANCE. THE AREA TO BE SEEDED SHALL CONSIST OF ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION AND AS DIRECTED BY THE ENGINEER. ESTIMATED AREAS OF

SEEDING, CLASS 2 (SPECIAL)0.25
- 10) THE CONTRACTOR HAS THE OPTION OF USING A VIBRATING SCREEN IN LIEU OF A FINISHING MACHINE FOR THE CONCRETE SUPERSTRUCTURE, AT THE APPROVAL OF THE ENGINEER.
- 11) COMMITMENTS:

1) NONE

PIPE CULVERTS, CLASS D, TYPE 1

STATION	SIDE	15"	24"
		542D0220	542D0229
		FOOT	FOOT
9+15 CL	LT		130
9+15 CL	RT		130
10+85 CL	LT	130	
10+85 CL	RT	130	
TOTAL		260	260

ROADWAY SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE SHOULDERS, TYPE B
FAS 1362 / CH 8	40200800	48101200
	TON	TON
STA. 8+25.00 TO STA. 9+66.25	214	83
STA. 10+33.75 TO STA. 11+75.00	214	84
TOTAL	428	167

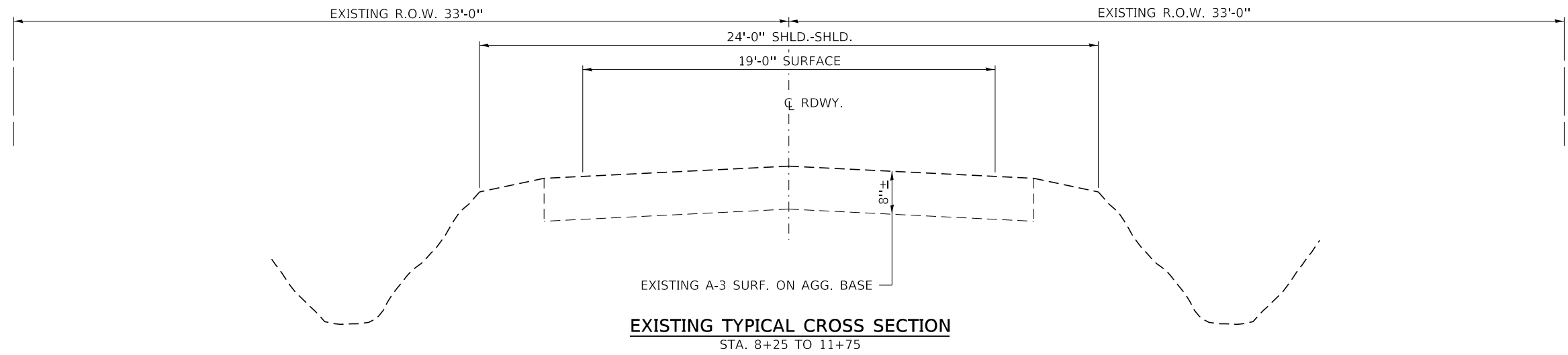
GUARDRAIL SCHEDULE

LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
FAS 1362 / CH 8	63100087	63100167	72501000	78200005
SEE SHEET 10 FOR LAYOUT	EACH	EACH	EACH	EACH
LT. STA. 8+79.63 TO 9+67.13	1	1	1	2
RT. STA. 8+79.63 TO 9+67.13	1	1	1	2
LT. STA. 10+32.88 TO 11+20.38	1	1	1	2
RT. STA. 10+32.88 TO 11+20.38	1	1	1	2
TOTAL	4	4	4	8

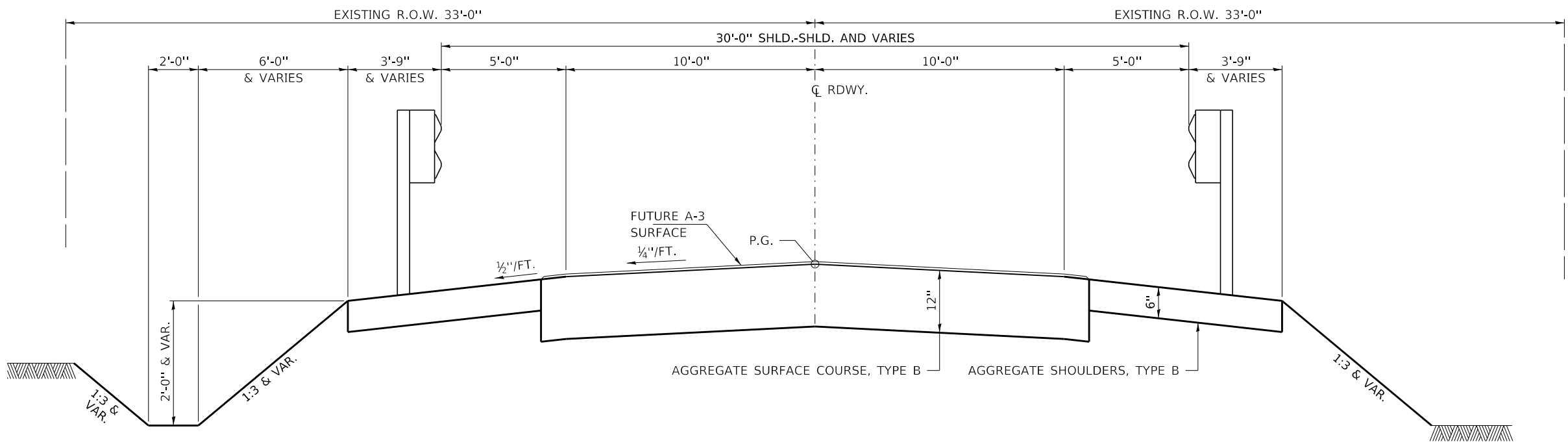
EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
FAS 1362 / CH 8							
STA. 8+25.00 TO STA. 9+66.25	169		25.00%	100.00%	127	184	-57
STA. 9+66.25 TO STA. 10+33.75		130	25.00%	20.00%	20		20
STA. 10+33.75 TO STA. 11+75.00	186		25.00%	100.00%	139	143	-4
TOTAL	355	130			286	327	-41
USE	355	130					40

FURNISHED EXCAVATION 40 CU YDS



EXISTING TYPICAL CROSS SECTION
STA. 8+25 TO 11+75



PROPOSED TYPICAL CROSS SECTION
STA. 8+25 TO STA. 11+75

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

TRANSITIONS FROM THE PROPOSED ROADWAY TO THE EXISTING
SURFACE & SHOULDERS ARE TO BE CONSTRUCTED FROM
STA. 8+25 TO 8+50 AND 11+50 TO 11+75

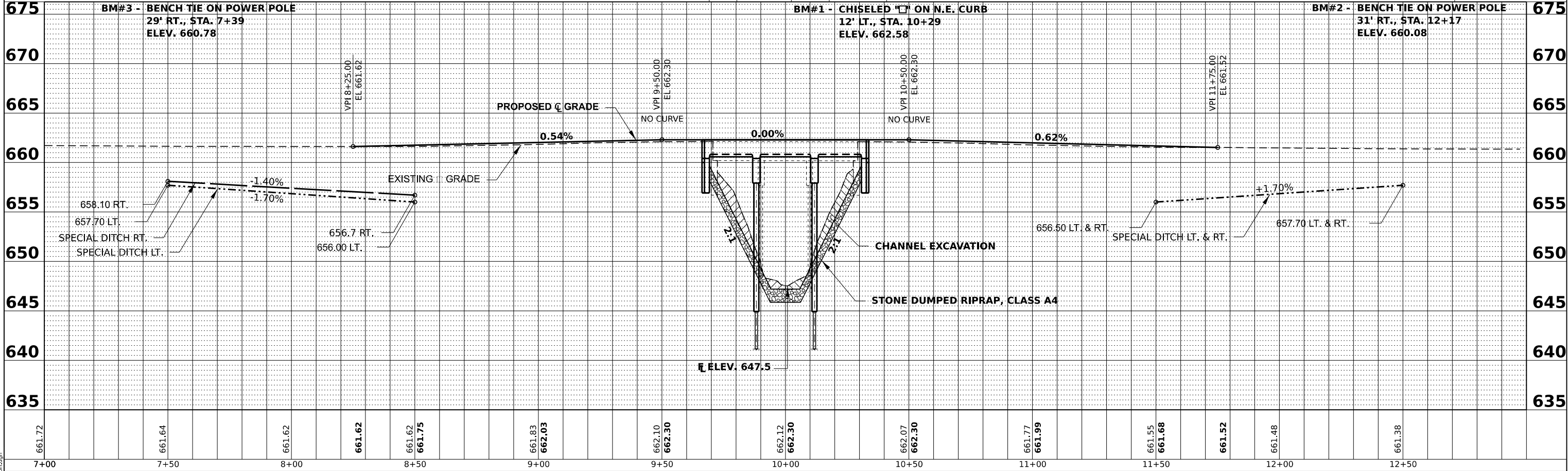
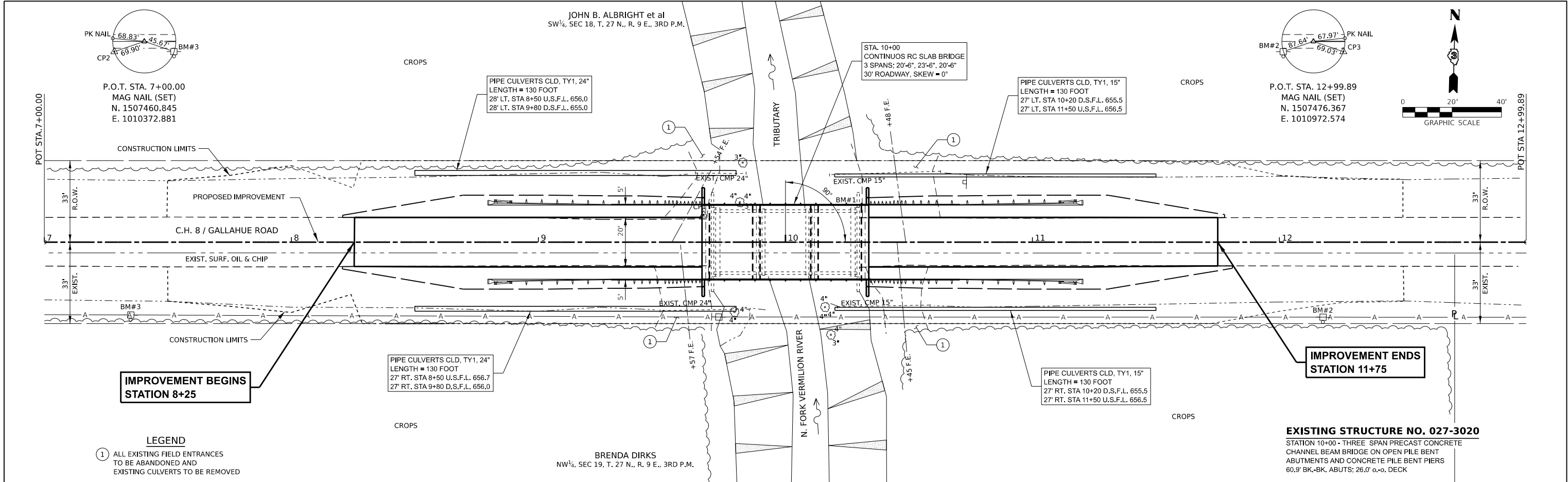
SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

FILE NAME = 230649-shit-typsections.dgn		USER NAME = rmoslck		DESIGNED - J.W.F.		REVISED -		STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT										TYPICAL CROSS SECTIONS									
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959 ILLR		DRAWN - G.D.M.		REVISED -																							
PLOT SCALE = \$SCALE\$		CHECKED - S.W.M.		REVISED -																							
PLOT DATE = 8/26/2025		DATE = 08/26/2025		REVISED -																							
SCALE: NONE				SHEET NO. 1 OF 1 SHEETS				STA. 8+25.00 TO				TO STA. 11+75.00															

F.A.S.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
1362		22-00146-00-BR		FORD		36		4	
GALLAHUE ROAD				CONTRACT NO. 87891					
C-93-008-26				ILLINOIS		FED. AID PROJECT 0FCR(005)			

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED NOTED CADD FILE NAME NO.	BY	DATE

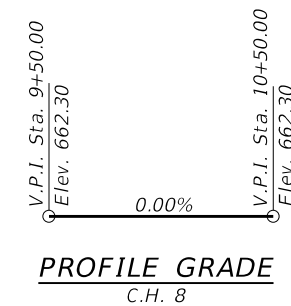
PROFILE	SURVEYED PLOTTED GRADES CHECKED NOTED STRUCTURE NOTATIONS CHKD NO.	BY	DATE



HAMPTON, LENZINI AND RENWICK, INC. 1707 N. RANDALL ROAD, SUITE 100 ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184-000999		USER NAME - rhesick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	PLAN AND PROFILE		F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE - \$SCALE\$		DRAWN - T.W.K.	CHECKED - S.W.M.	REVISED -		SCALE: 5V:20H		1362	22-00146-00-BR	FORD	36	5
PLOT DATE - 8/26/2025		DATE - \$DAT\$	REVIS	REVISED -		SHEET 1 OF 1 SHEETS		GALLAHUE ROAD				
						STA. 7+00.00 TO TO STA. 12+99.89		CONTRACT NO. 87891				

EXISTING STRUCTURE NO. 027-3020: Sta. 10+00 - Three span precast concrete channel beam bridge on open pile bent abutments and concrete pile bent piers 60.9' bk.-bk. abuts., 26.0' o.-o. deck.

No Salvage



Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.079g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.135g
Soil Site Class = C

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

$f'_c = 4,000 \text{ psi (Superstructure)}$
 $f'_c = 3,500 \text{ psi (Substructure)}$
 $f_y = 60,000 \text{ psi (Reinf.)}$

WATERWAY INFORMATION

Drainage Area = 9.9 Sq. Mi.		Existing Low Grade Elev. 661.1 @ Sta. 12+65 Proposed Low Grade Elev. 661.1 @ Sta. 12+65							
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Ten-Year	10	1,020	300	320	658.0	0.1	0.1	658.1	658.1
Design	15	1,160	310	330	658.3	0.2	0.2	658.5	658.5
Base	100	1,840	350	380	659.1	0.7	0.6	659.8	659.7
Scour Check	200	2,090	370	390	659.4	1.4	0.7	660.8	660.1
Max. Calc.	500	2,420	380	400	659.6	1.4	1.0	661.0	660.6

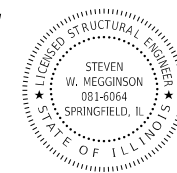
10 Year Velocity through Existing Bridge = 3.4 fps 10 Year Velocity through Proposed Bridge = 3.2 fps

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour Elevations (ft.)				Item 113
	W. Abut.	Pier 1	Pier 2	E. Abut.	
Q100	656.9	633.2	633.2	656.9	5
Q200	656.9	630.6	630.6	656.9	
Design	656.9	633.2	633.2	656.9	
Check	565.9	630.6	630.6	656.9	

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."

ILLINOIS STRUCTURAL NO. 081-6064



Expires 11-30-2026

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 East Abutment and Pier 1 or approved by the Engineer before ordering the remainder of piles.

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 Contractor shall make allowance for the deflection of forms, shrinkage, and settlement of falsework, in addition to allowance for dead load deflection.

Reinforcement bars designated (E) shall be epoxy coated.

Excavation required to construct the Abutments and Piers shall be included in the cost of Concrete Structures. No additional compensation will be allowed for Structure Excavation or Cofferdam Excavation, Bridge Deck Grooving shall be completed on the bridge deck.

All construction joints shall be bonded.

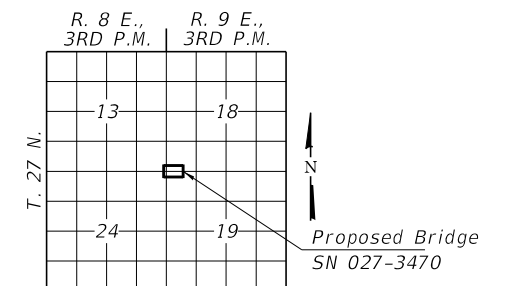
INDEX OF STRUCTURE SHEETS

1. General Plan & Elevation
2. General Details
3. Top of Slab Elevations
4. Superstructure
5. Superstructure Details
6. Steel Railing, Type SMX
7. Abutments
8. Piers
9. Metal Shell Pile Details
10. Borings

BUILT 202_ BY
FORD COUNTY
F.A.S. 1362 / C.H. 8 / GALLAHUE ROAD
SEC. 22-00146-00-BR
STR. NO. 027-3470
LOADING HL-93

NAME PLATE

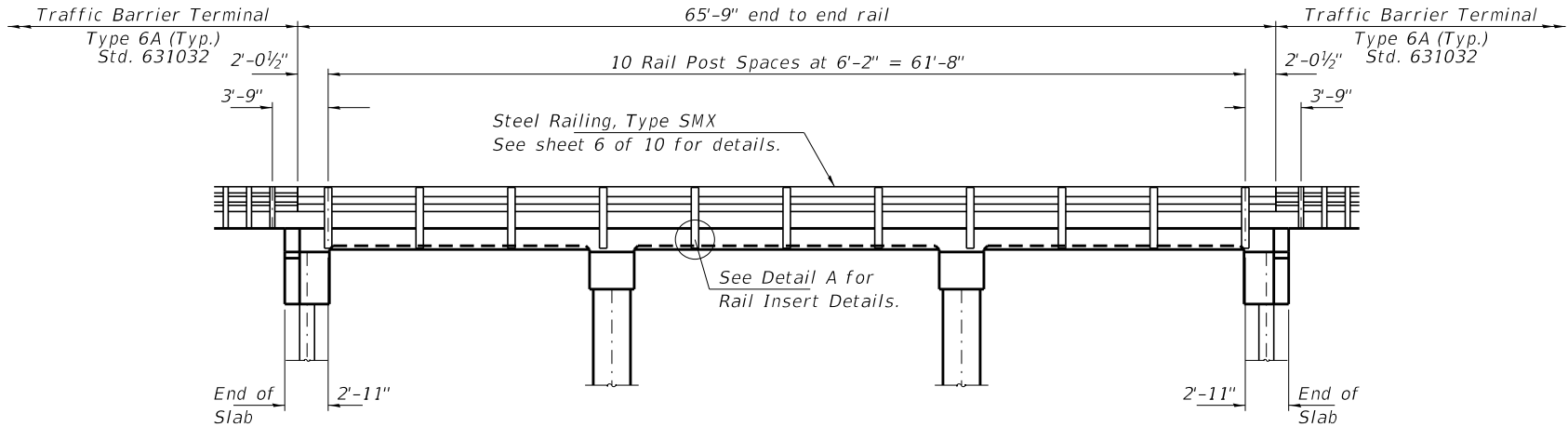
See Std. 515001



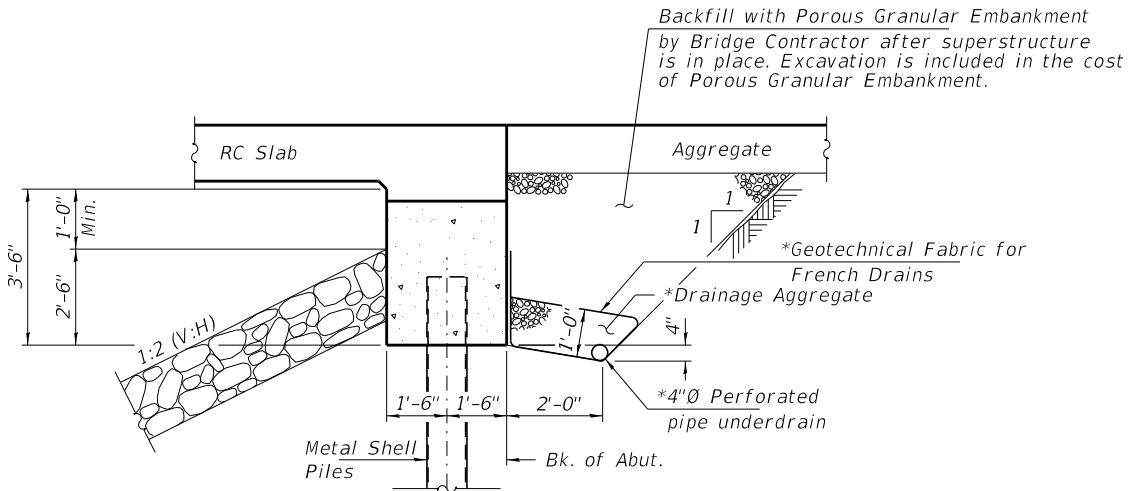
LOCATION SKETCH

GENERAL PLAN & ELEVATION
F.A.S. 1362 / C.H. 8 / GALLAHUE ROAD
SECTION 22-00146-00-BR
FORD COUNTY
STATION 10+00
STRUCTURE NO. 027-3470

FILE NAME = 230649-shl-bridge.dgn		USER NAME = mroick	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	GENERAL PLAN AND ELEVATION STRUCTURE NO. 027-3470				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HLR HAMPTON, LENZINI AND RENWICK, INC. 3045 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM I.P.D.F. - SE CORP. HA-000952	PLOT SCALE =	CHECKED - S.T.M./S.W.M.	REVISED -	1362		22-00146-00-BR	FORD	36	7					
	PLOT DATE = 8/26/2025	DRAWN - R.D.H.	REVISED -	CONTRACT NO. 87891										
	CHECKED - S.T.M./S.W.M.	REVISED -	SHEET NO. 1 OF 10 SHEETS											
						C-93-008-26		ILLINOIS FED. AID PROJECT #FCR(005)						



RAILING ELEVATION

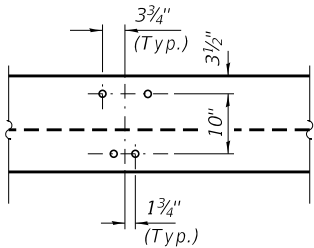


SECTION THRU INTEGRAL ABUTMENT

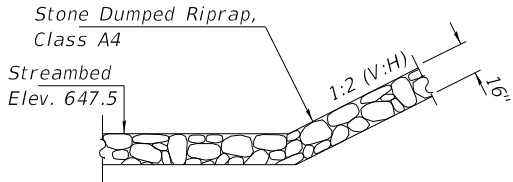
* Included in the cost of Pipe Underdrains for Structures 4".

The outlet pipes shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

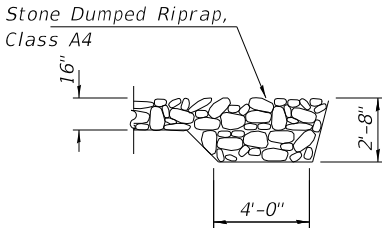
Concrete headwalls shall be included in the cost of Pipe Underdrains for Structures 4" and shall be installed at each pipe underdrain outlet. (4 each).



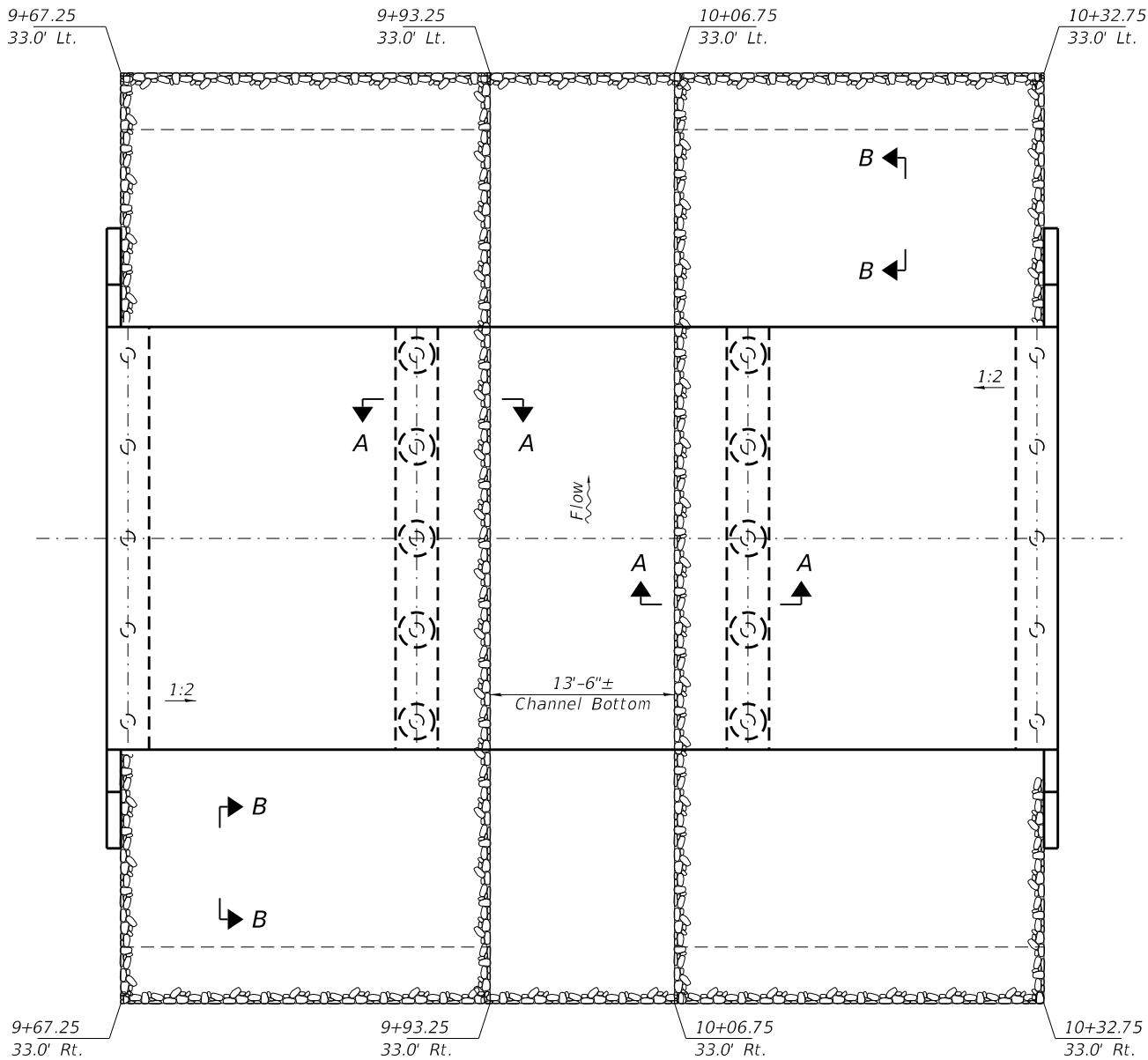
DETAIL A



SECTION A-A



SECTION B-B



RIPRAP PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.			130
Porous Granular Embankment	Ton			140
Stone Dumped Riprap, Class A4	Sq. Yd.			510
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		44.1	44.1
Concrete Superstructure	Cu. Yd.	98.3		98.3
Bridge Deck Grooving	Sq. Yd.	210		210
Concrete Encasement	Cu. Yd.		19.9	19.9
Reinforcement Bars, Epoxy Coated	Pound	32,480	6,340	38,820
Steel Railing, Type SMX	Foot	132		132
Furnishing Metal Shell Piles 12" x 0.250"	Foot		585	585
Driving Piles	Foot		585	585
Test Pile Metal Shells	Each		2	2
Name Plates	Each		1	1
Pipe Underdrains for Structures 4"	Foot		136	136

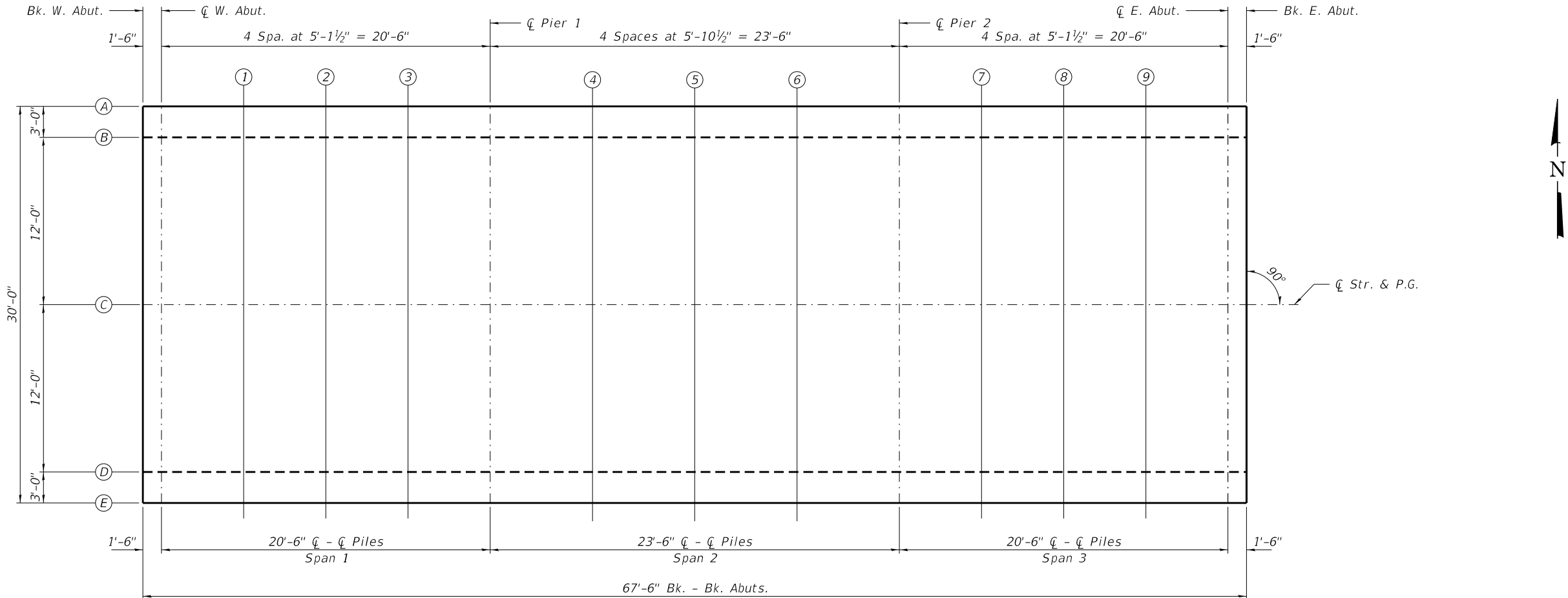
FILE NAME = 230649-shit-bridge.dgn	USER NAME = rmosick	DESIGNED - J.R.B.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000959	PLOT SCALE =	CHECKED - S.T.M./S.W.M.	REVISED -
PLOT DATE = 8/26/2025		DRAWN - R.D.H.	REVISED -
		CHECKED - S.T.M./S.W.M.	REVISED -

STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

GENERAL DETAILS
STRUCTURE NO. 027-3470

SHEET NO. 2 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	22-00146-00-BR	FORD	36	8
GALLAHUE ROAD	CONTRACT NO. 87891			
C-93-008-26	ILLINOIS	FED. AID PROJECT 0FCR(005)		



PLAN

LOCATION		BK. W.	CL W.	SPAN 1			CL	SPAN 2			CL	SPAN 3			CL E.	BK. E.
		ABUT.	ABUT.	1	2	3	PIER 1	4	5	6	PIER 2	7	8	9	ABUT.	ABUT.
LINE	T.	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988
A	ADJ.	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988
*Bott. of Slab		660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571

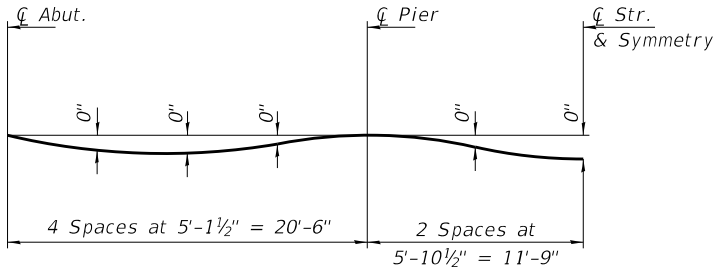
LOCATION		BK. W.	CL W.	SPAN 1			CL	SPAN 2			CL	SPAN 3			CL E.	BK. E.
		ABUT.	ABUT.	1	2	3	PIER 1	4	5	6	PIER 2	7	8	9	ABUT.	ABUT.
LINE	T.	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050
B	ADJ.	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050
Bott. of Slab		660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883

LOCATION		BK. W.	CL W.	SPAN 1			CL	SPAN 2			CL	SPAN 3			CL E.	BK. E.
		ABUT.	ABUT.	1	2	3	PIER 1	4	5	6	PIER 2	7	8	9	ABUT.	ABUT.
LINE	T.	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300
C	ADJ.	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300	662.300
Bott. of Slab		661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133	661.133

LOCATION		BK. W.	CL W.	SPAN 1			CL	SPAN 2			CL	SPAN 3			CL E.	BK. E.
		ABUT.	ABUT.	1	2	3	PIER 1	4	5	6	PIER 2	7	8	9	ABUT.	ABUT.
LINE	T.	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050
D	ADJ.	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050	662.050
Bott. of Slab		660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883	660.883

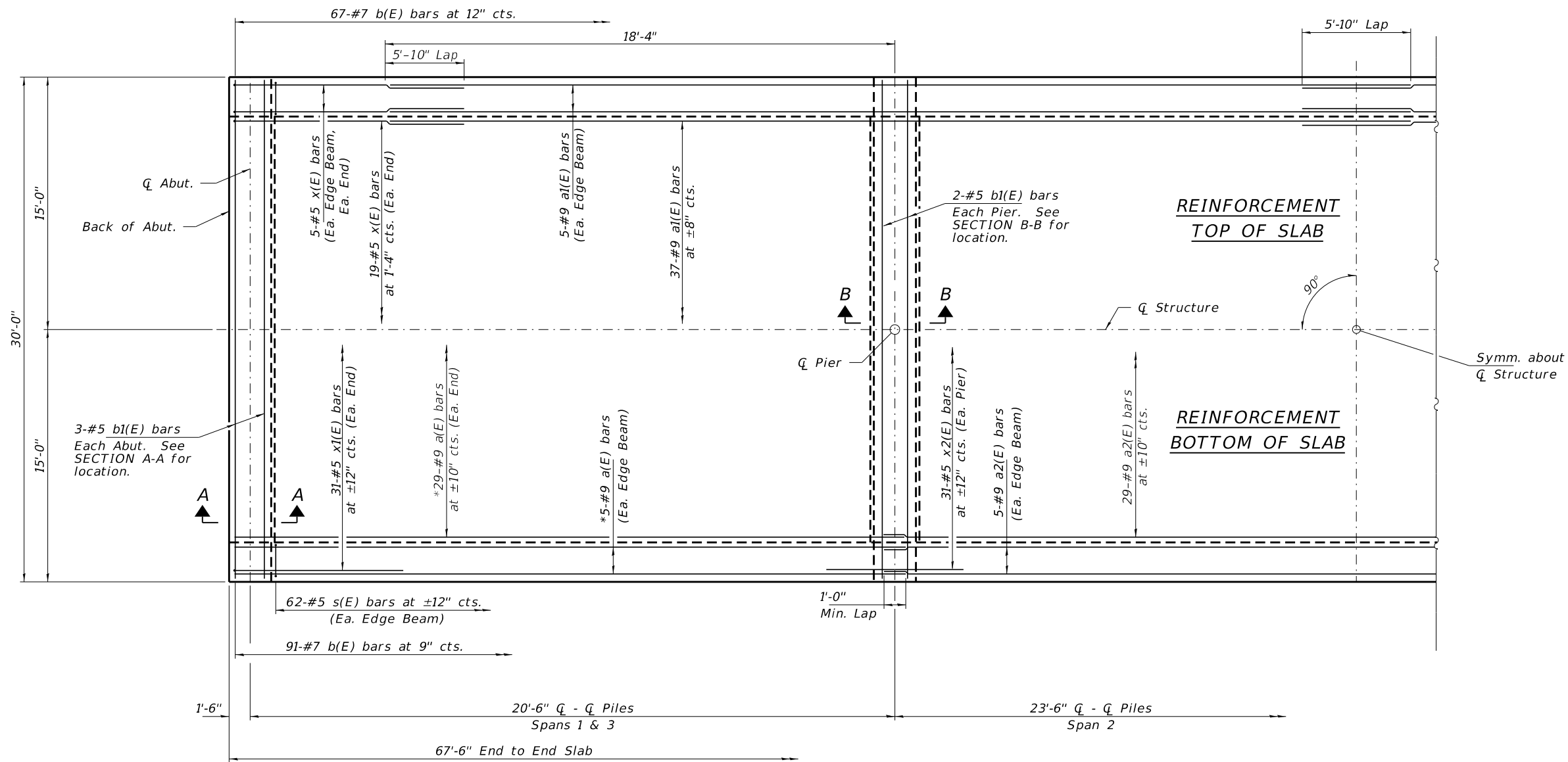
LOCATION		BK. W.	CL W.	SPAN 1			CL	SPAN 2			CL	SPAN 3			CL E.	BK. E.
		ABUT.	ABUT.	1	2	3	PIER 1	4	5	6	PIER 2	7	8	9	ABUT.	ABUT.
LINE	T.	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988
E	ADJ.	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988	661.988
*Bott. of Slab		660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571	660.571

T. - Theoretical elevation at top of slab
Adj. - T adjusted for dead load deflection
* Bottom of slab elevation equals bottom of edge beam

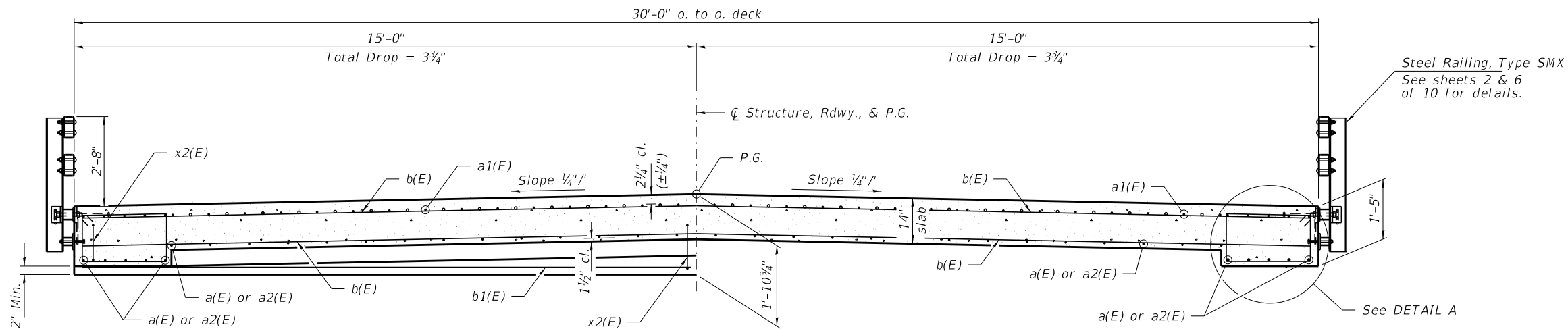


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

Notes:
The deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown.
The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework in addition to allowance for dead load deflection.



HALF PLAN

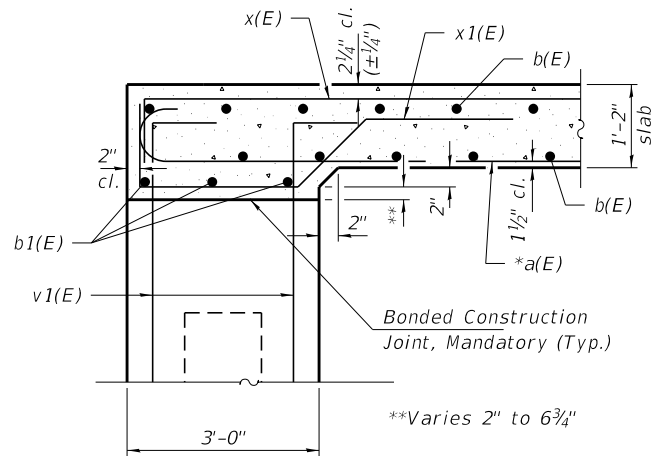


CROSS SECTION
(Looking East)

Notes:
See sheet 5 of 10 for Superstructure
Details and Bill of Material.
See sheet 5 of 10 for SECTION A-A, SECTION B-B
and DETAIL A.
*a(E) bars may be tilted to provide
clearance for hooked ends.

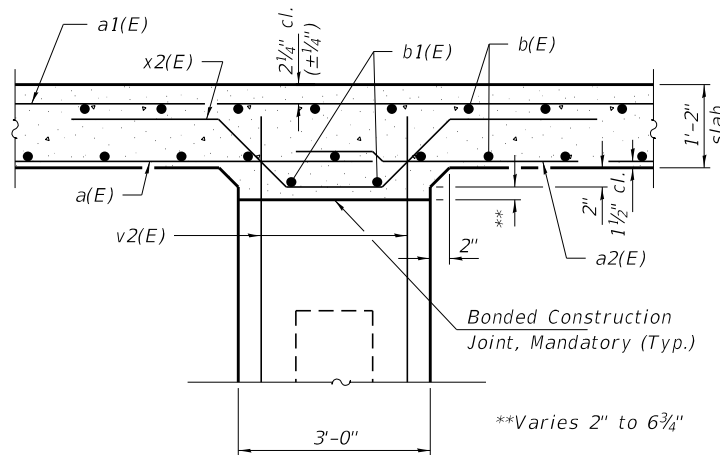
MIN. BAR LAP
#9 = 5'-10"

FILE NAME = 230649-shi-bt-bridge.dgn	USER NAME = rmosick	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	SUPERSTRUCTURE STRUCTURE NO. 027-3470	SHEET NO. 4 OF 10 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM 15 / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.T.M./S.W.M.	REVISED -				1362	22-00146-00-BR	FORD	36	10
	PLOT DATE = 8/26/2025	DRAWN - R.D.H.	REVISED -				GALLAHUE ROAD			CONTRACT NO. 87891	
		CHECKED - S.T.M./S.W.M.	REVISED -				C-93-008-26	ILLINOIS	FED. AID PROJECT 0FCR(005)		

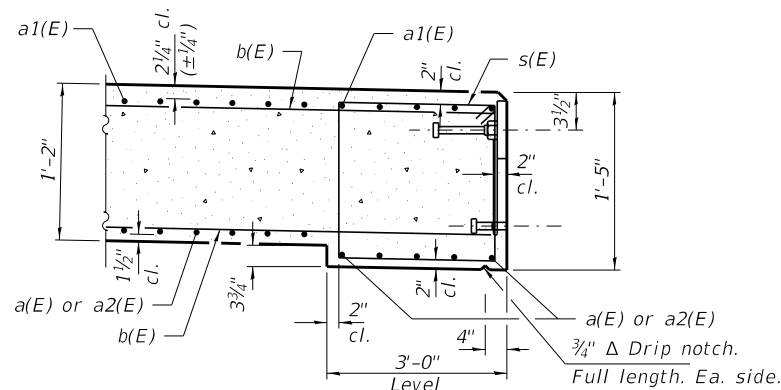


SECTION A-A

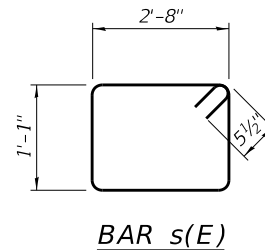
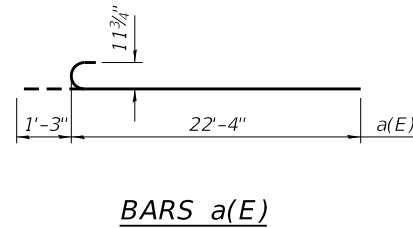
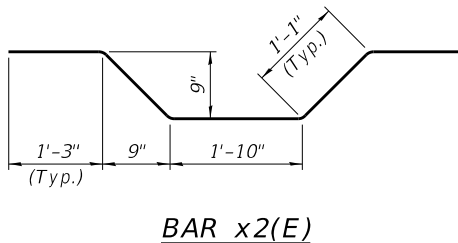
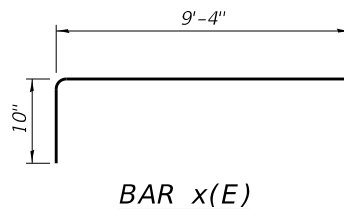
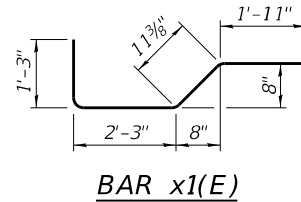
*Tilt a(E) or a1(E) bars if needed.



SECTION B-B



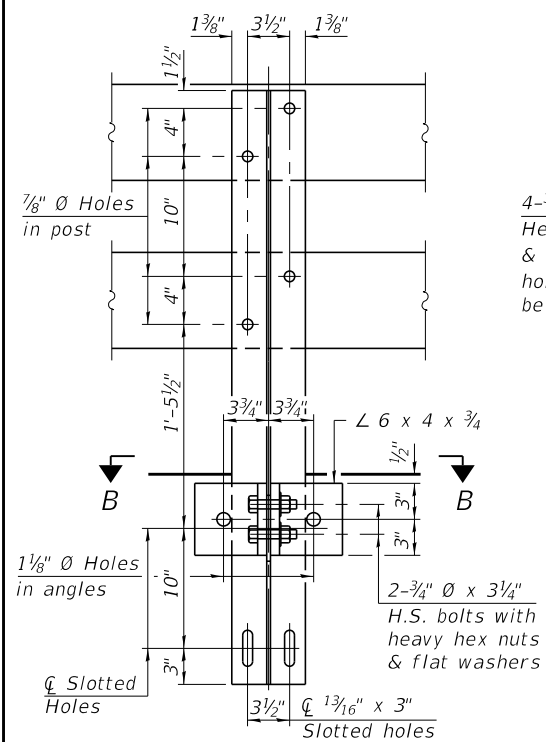
DETAIL A



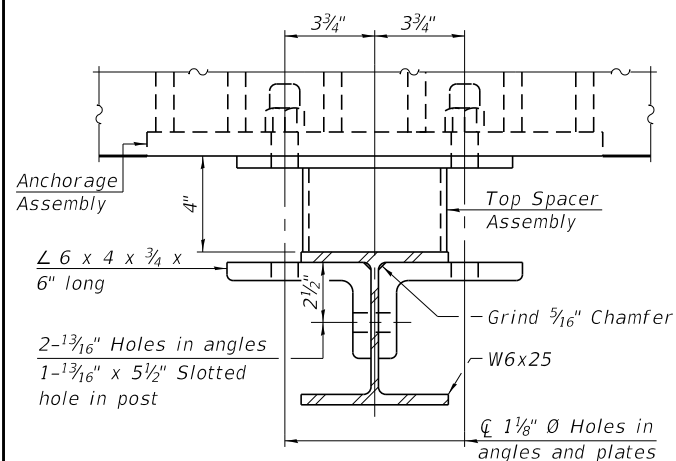
**SUPERSTRUCTURE
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	78	#9	23'-7"	C
a1(E)	94	#9	33'-0"	—
a2(E)	39	#9	24'-6"	—
b(E)	158	#7	29'-8"	—
b1(E)	10	#5	29'-8"	—
s(E)	124	#5	8'-5"	□
x(E)	58	#5	10'-2"	L
x1(E)	62	#5	6'-5"	L
x2(E)	62	#5	6'-6"	W
Concrete Superstructure			Cu. Yd.	98.3
Bridge Deck Grooving			Sq. Yd.	210
Reinforcement Bars, Epoxy Coated			Pound	32,480

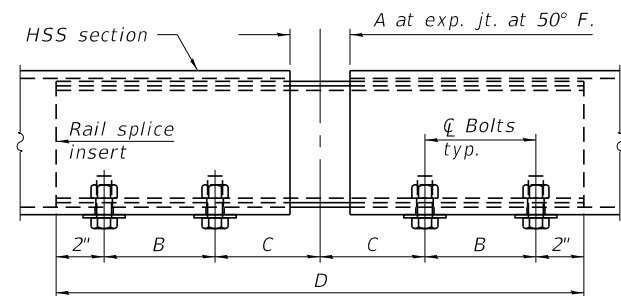
Notes:
See Sheet 7 of 10 for v1(E) placement.
See Sheet 8 of 10 for v2(E) placement.



SECTION A-A

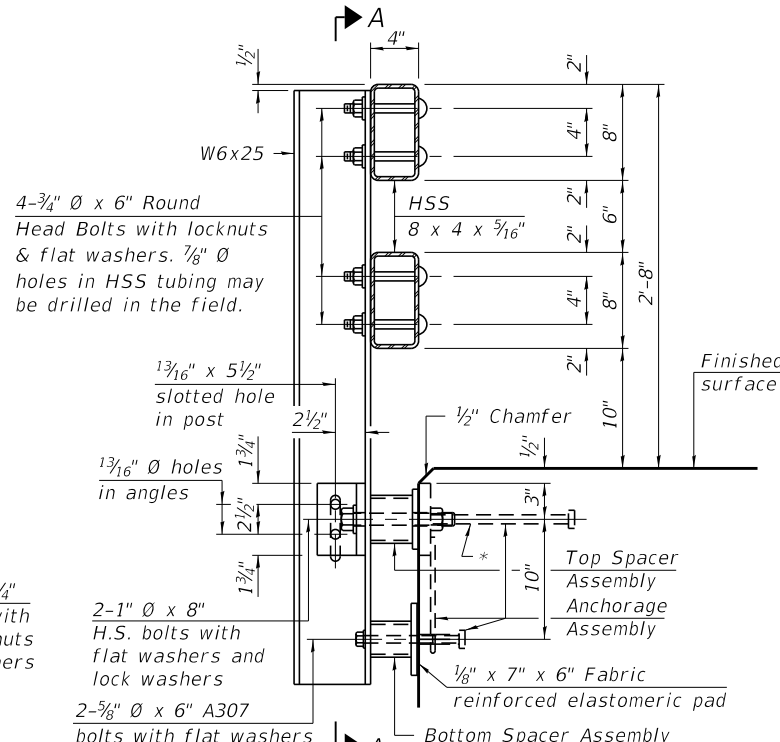


SECTION B-B



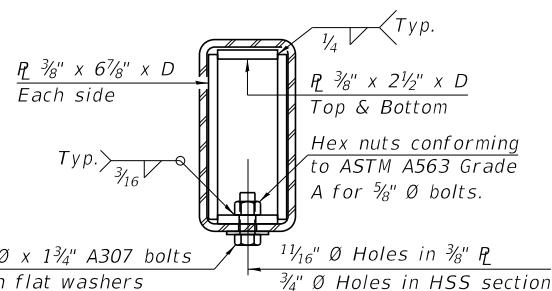
RAIL SPLICE ELEVATION

MASH 2016 Conditional Test Level	3
Railing Weight (plf)	90
Min f'c (psi)	5,000
Max Post Spacing	6'-3"
HMA thickness range (in)	1 1/4" - 3 1/8"

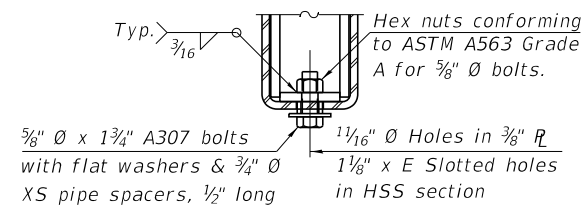


SECTION AT RAIL POST

* The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly. The anchorage studs may be bent down 1/2" to accommodate the top reinforcement bar placement.



SECTION AT RAIL SPLICE

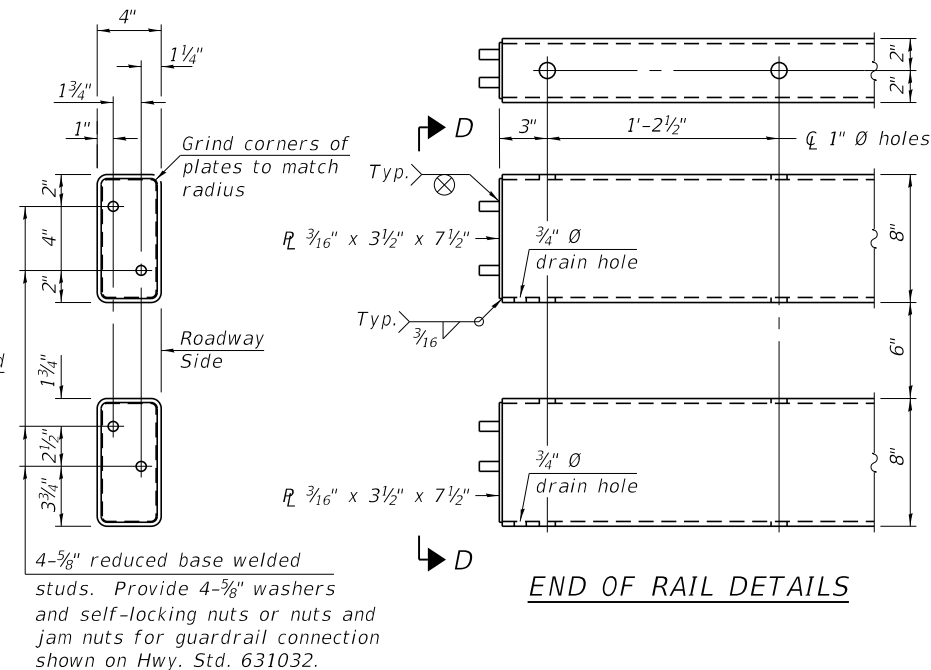


RAIL SPLICE CONNECTION AT EXPANSION JT.

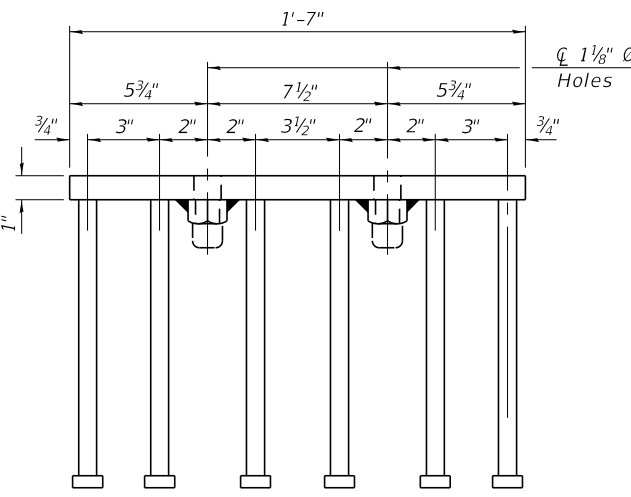
SPLICE DIMENSIONS

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 1/2"
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 3/16"

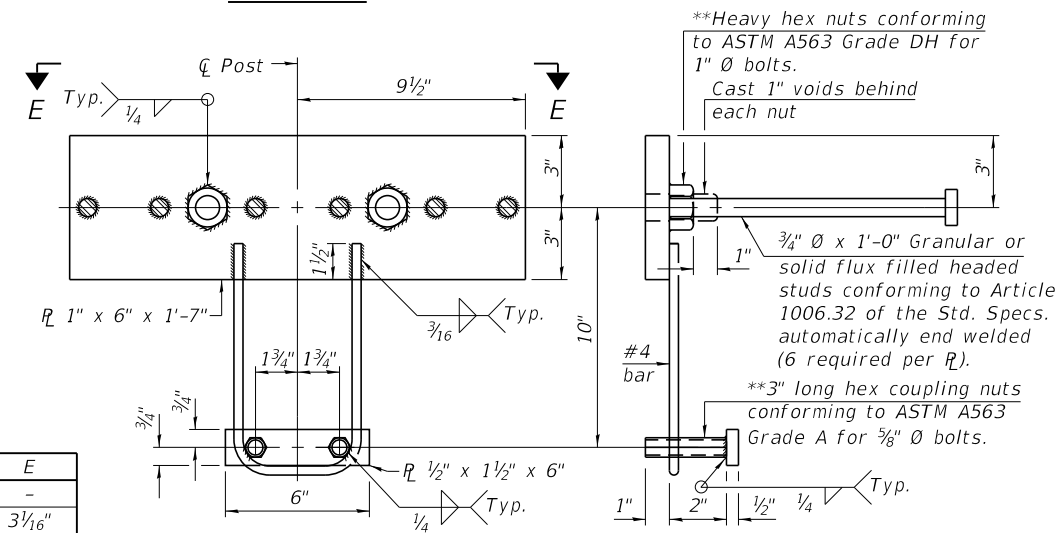
T = ; total movement along centerline of roadway at expansion joint.



VIEW D-D



VIEW E-E



ANCHORAGE ASSEMBLY

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

Notes:

A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 1 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 SMX.

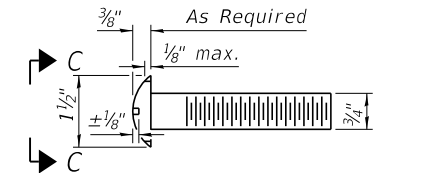
All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.

All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.

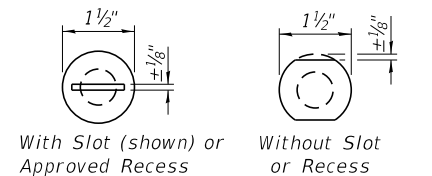
Rail splice inserts may be built out of 2 -3/8" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.

All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.

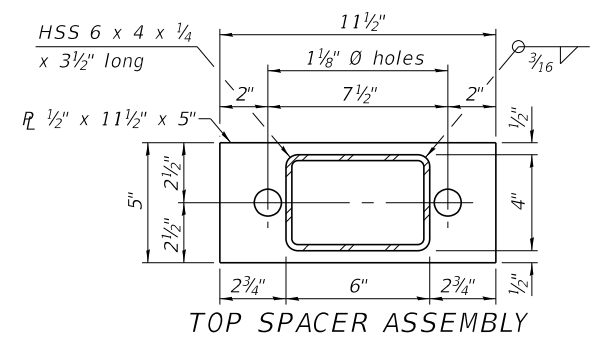
Tie bars shall be #4 reinforcement bar or 1/2" Ø ASTM F1554-55 round bar.



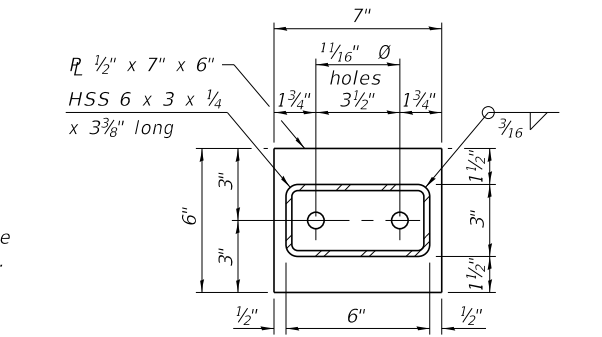
ROUND HEAD BOLT DETAIL



VIEW C-C



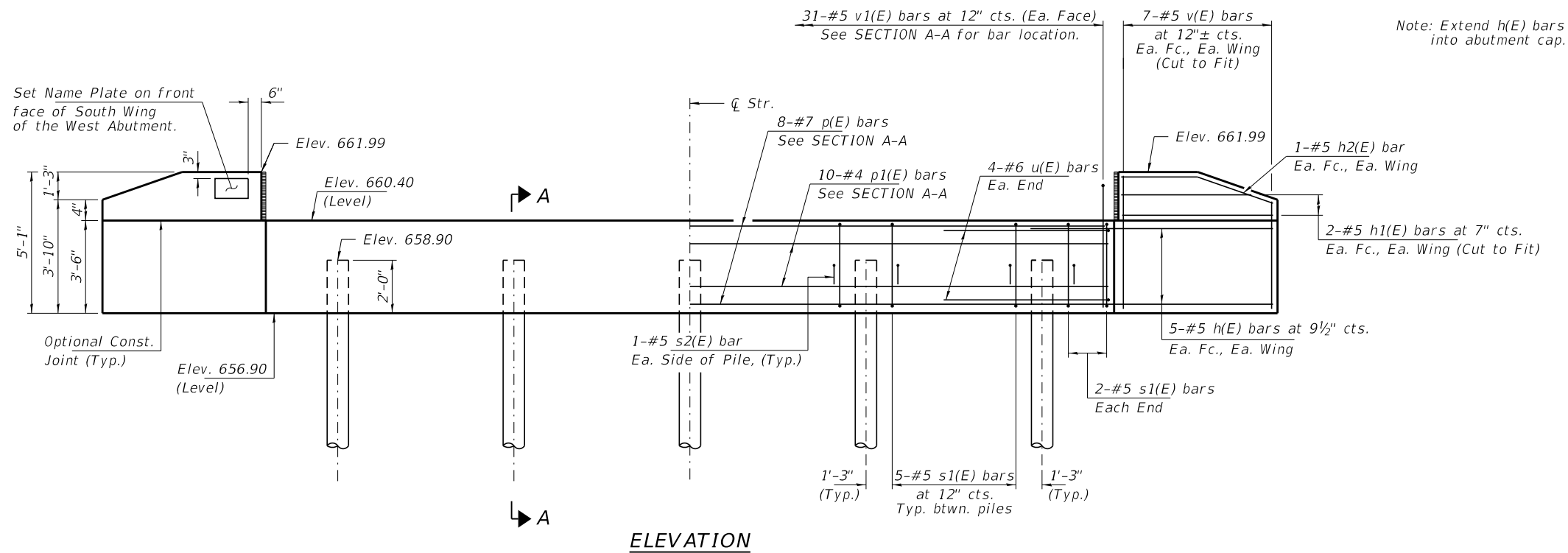
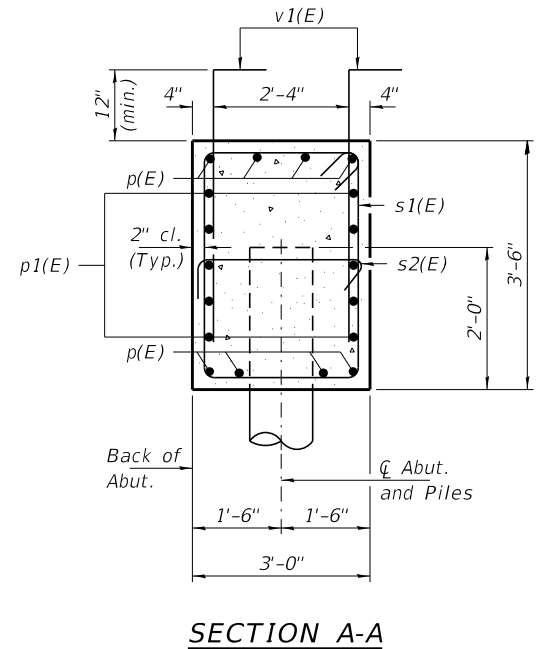
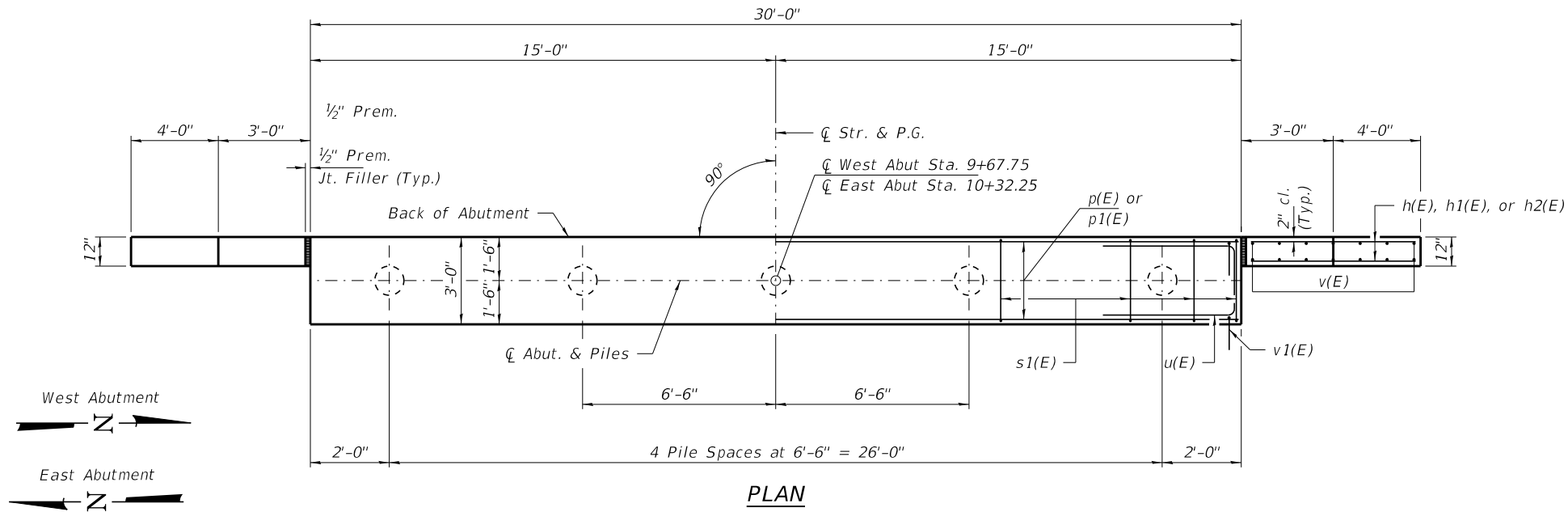
TOP SPACER ASSEMBLY



BOTTOM SPACER ASSEMBLY

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type SMX	Foot	132



BILL OF MATERIAL - 2 ABUTS.

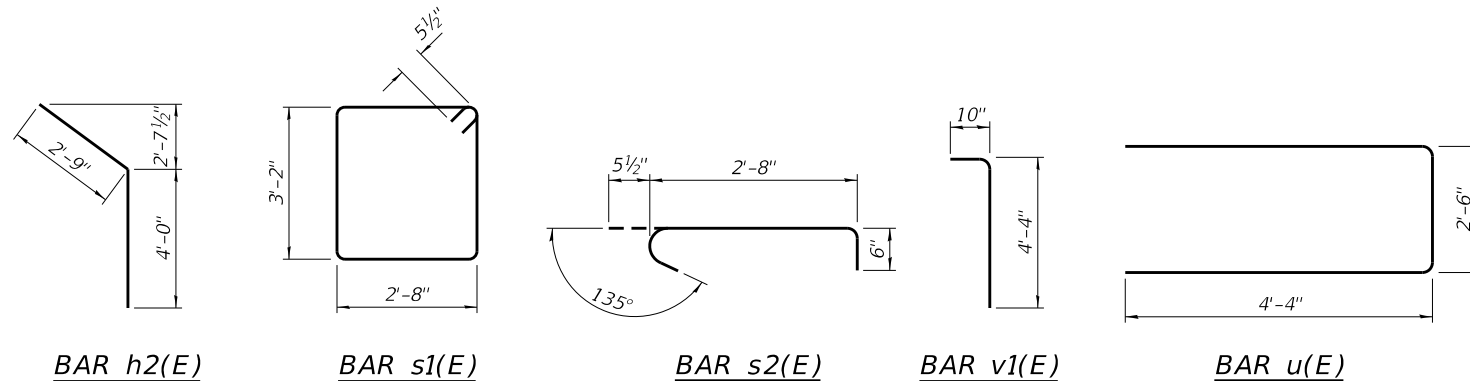
BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	40	#5	10'-5"	
h1(E)	16	#5	6'-8"	
h2(E)	8	#5	6'-9"	
p(E)	16	#7	29'-8"	
p1(E)	20	#4	29'-8"	
s1(E)	48	#5	12'-7"	
s2(E)	20	#5	3'-8"	
u(E)	16	#6	11'-2"	
v(E)	56	#5	4'-9"	
v1(E)	124	#5	5'-2"	
Concrete Structures			Cu. Yd.	27.7
Reinf. Bars, Epoxy Coated			Pound	3,890
Furnishing Metal Shell Piles 12"x0.250"			Foot	225
Driving Piles			Foot	225
Test Pile Metal Shells			Each	1
Name Plates			Each	1

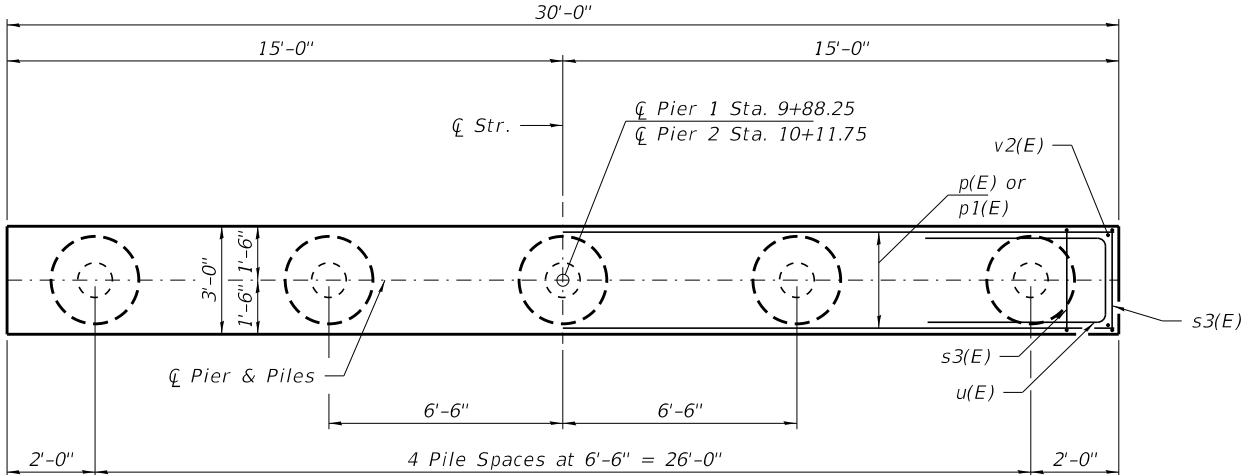
Notes:
For details of piles, see Sheet 9 of 10.
All edges shall have standard 3/4" chamfer.

PILE DATA

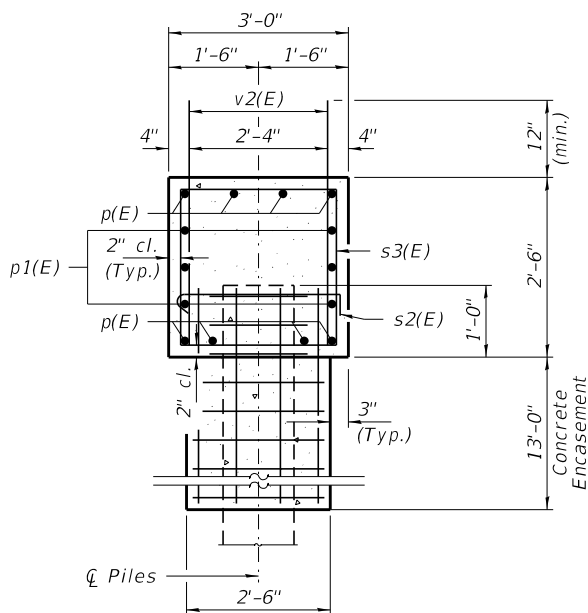
Type: Metal Shell Piles 12"x0.250"
Nominal Required Bearing: 145 Kips/Pile
Factored Resistance Available: 80 Kips/Pile
Est. Length: 25 Ft/Pile
No. Production Piles: 9
No. Test Piles: 1

Notes: Includes one test pile to be driven permanently at the south end location in the East Abutment.

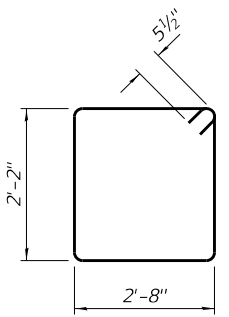




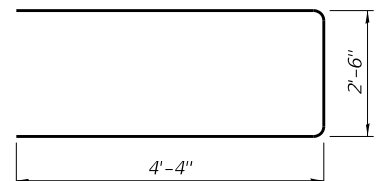
PLAN



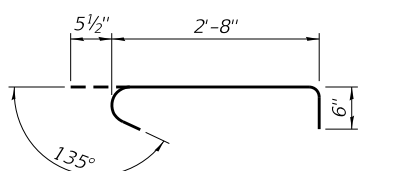
SECTION B-B



BAR s3(E)



BAR u(E)

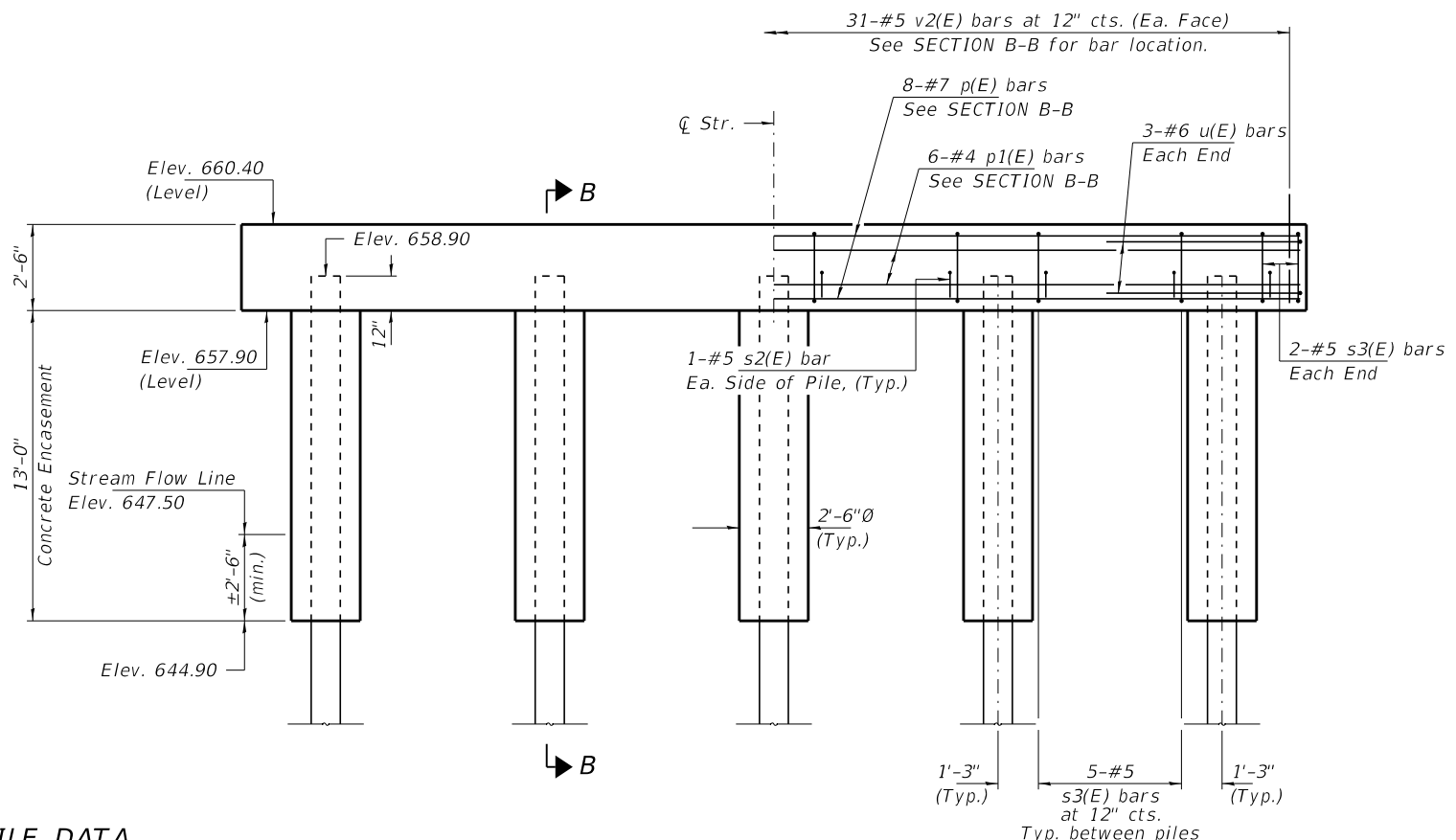
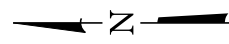


BAR s2(E)

BILL OF MATERIAL - 2 PIERS

BAR	NO.	SIZE	LENGTH	SHAPE
p(E)	16	#7	29'-8"	—
p1(E)	12	#4	29'-8"	—
s2(E)	20	#5	3'-8"	U
s3(E)	48	#5	10'-7"	□
u(E)	12	#6	11'-2"	U
v2(E)	124	#5	3'-4"	—
Concrete Structures			Cu. Yd.	16.4
Concrete Encasement			Cu. Yd.	19.9
Reinf. Bars, Epoxy Coated			Pound	2,450
Furnishing Metal Shell Piles 12"x0.250"			Foot	360
Driving Piles			Foot	360
Test Pile Metal Shells			Each	1

Notes:
For details of piles, see Sheet 9 of 10.
For details of concrete encasement reinforcement, see Sheet 9 of 10.
All edges shall have standard 3/4" chamfer.
Excavation required to construct the pile encasements shall be included in the cost of Concrete Encasement.

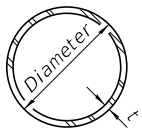


ELEVATION
(Looking East)

PILE DATA

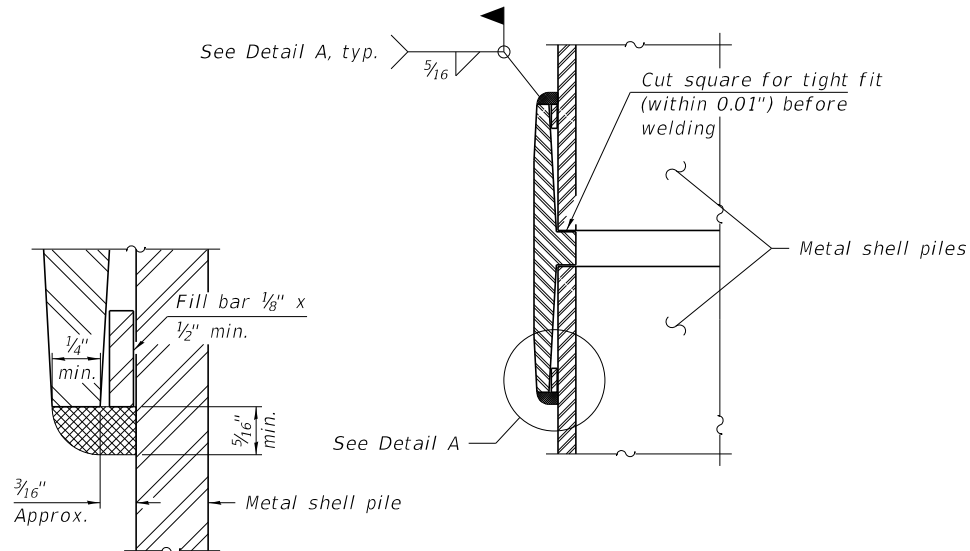
Type: Metal Shell Piles 12"x0.250"
Nominal Required Bearing: 220 Kips/Pile
Factored Resistance Available: 120 Kips/Pile
Est. Length: 40 Ft/Pile
No. Production Piles: 9
No. Test Piles: 1

Notes: Includes one test pile to be driven permanently at the north end location in Pier 1.

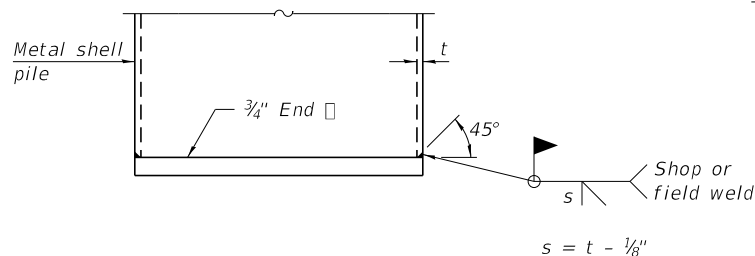


METAL SHELL PILE TABLE

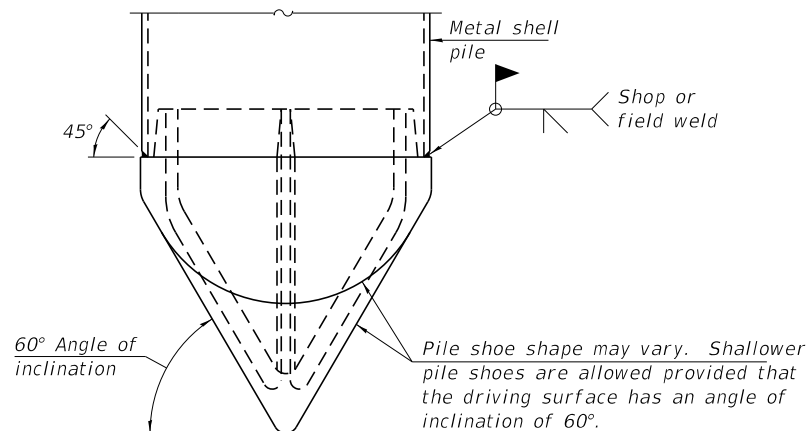
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A



END PLATE ATTACHMENT

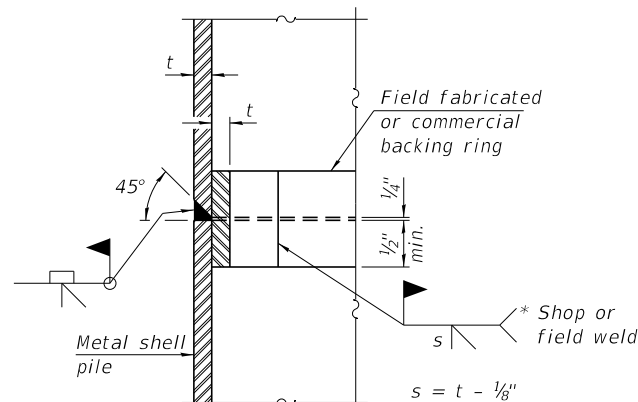


PILE SHOE ATTACHMENT

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).

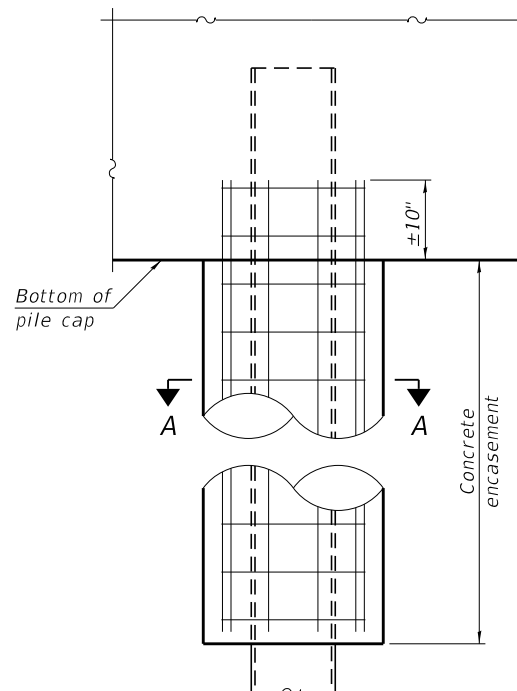
WELDED COMMERCIAL SPLICE

Notes:
The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.



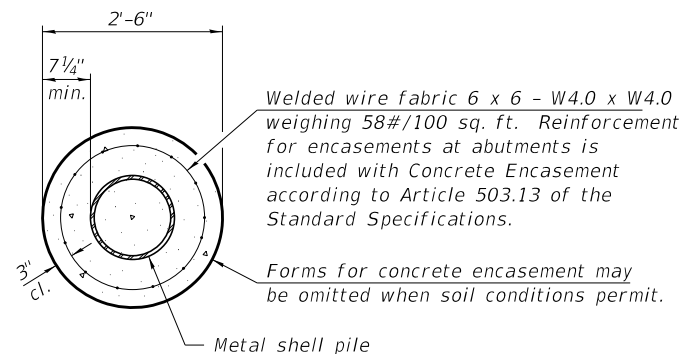
COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.

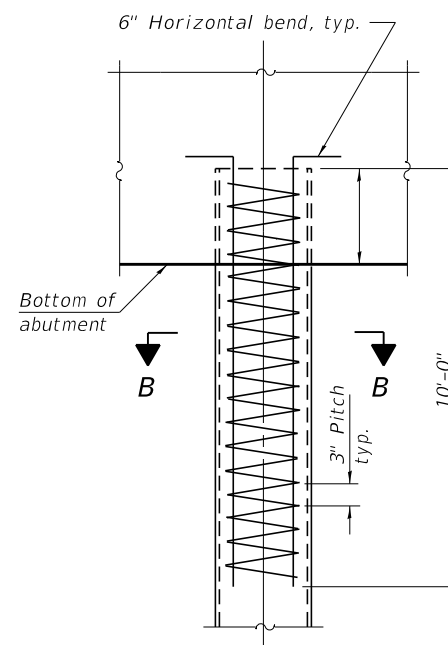


ELEVATION

INDIVIDUAL PILE
CONCRETE ENCASEMENT
(When specified)

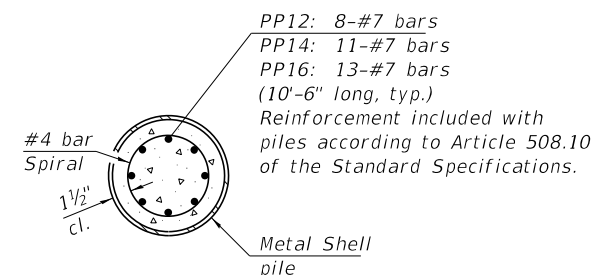


SECTION A-A



ELEVATION

REINFORCEMENT AT ABUTMENTS
(Omit when concrete encasement is specified)



SECTION B-B

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS

4-4-2025

FILE NAME = 230649-shi-bridge.dgn	USER NAME = rmosick	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	METAL SHELL PILE DETAILS STRUCTURE NO. 027-3470	F.A.S. RTE.	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.T.M./S.W.M.	REVISED -			1362	22-00146-00-BR	FORD	36	15
	PLOT DATE = 8/26/2025	DRAWN - R.D.H.	REVISED -			GALLAHUE ROAD				CONTRACT NO. 87891
		CHECKED - S.T.M./S.W.M.	REVISED -			C-93-008-26	ILLINOIS	FED. AID PROJECT 0FCR(005)		

SHEET NO. 9 OF 10 SHEETS

MET Midwest Engineering and Testing, Inc.

Route: CH 8 Gallahue Road
 Section: 22-00146-00-BR
 County: Ford
 Structure No. 027-3020
 Station: 37 ft. west of bridge center
 Offset: 10 ft. north of bridge center

Boring: B-1
Page: Page 1 of 2
Date of Boring: September 13, 2023
Drilled By: Dusty Crump
Checked By: Daniel E. Tappendorf, P.E.
MET Project No: B33121

Ground Water Elevation: when drilling: Dry at completion: Dry		D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)	Assumed Center of Bridge @ CL Elevation 100.00 ft. 662.1	D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)
661.9	Ground Surface Elevation: 99.8 ft.									
660.9	3" Oil and Chip over 9" brown sand and gravel		3	3.5P	26			10	4.5+P	8
659.9	Black silty CLAY (OH)		3					14		
			4					16		
			4	4.5P	17		30			
			4					11		
	Dark brown silty CLAY with sand (CL)	5	4					16	4.5+P	7
			7					18		
			3	4.3P	18					
654.9			4							
			4							
			2	2.3P	24		35			
	Brown and gray silty CLAY (CL)		2					10		
652.4			2					14	4.5+P	7
			3					18		
		10								
			2	2.1B	15					
			3							
			3							
	Gray silty CLAY (CL) with sand and small gravel - Till		2	3.3B	14		40			
			3					9		
		15	5	4.0B	14			14	4.5+P	8
			6					18		
			3	3.0B	11		45			
642.4			5							
			6					10		
		20						13	4.5+P	8
								19		
	Gray fine to coarse SAND (SW)		16	-	7					
639.9			20							
			16							
			3	-	10		50			
	Gray fine silty SAND (SM)		2							
637.4			2					11		
			2					14	4.5+P	7
		25						18		
			2	3.0P	13					
	Gray silty CLAY (CL) with sand and small gravel - Till		4							
			3							
						Continued Next Page				

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample

MC- Moisture Content - Percent of dry weight

Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure

Qu test

B-Bulge

S-Shear

P-Penetrometer

MET Midwest Engineering and Testing, Inc.

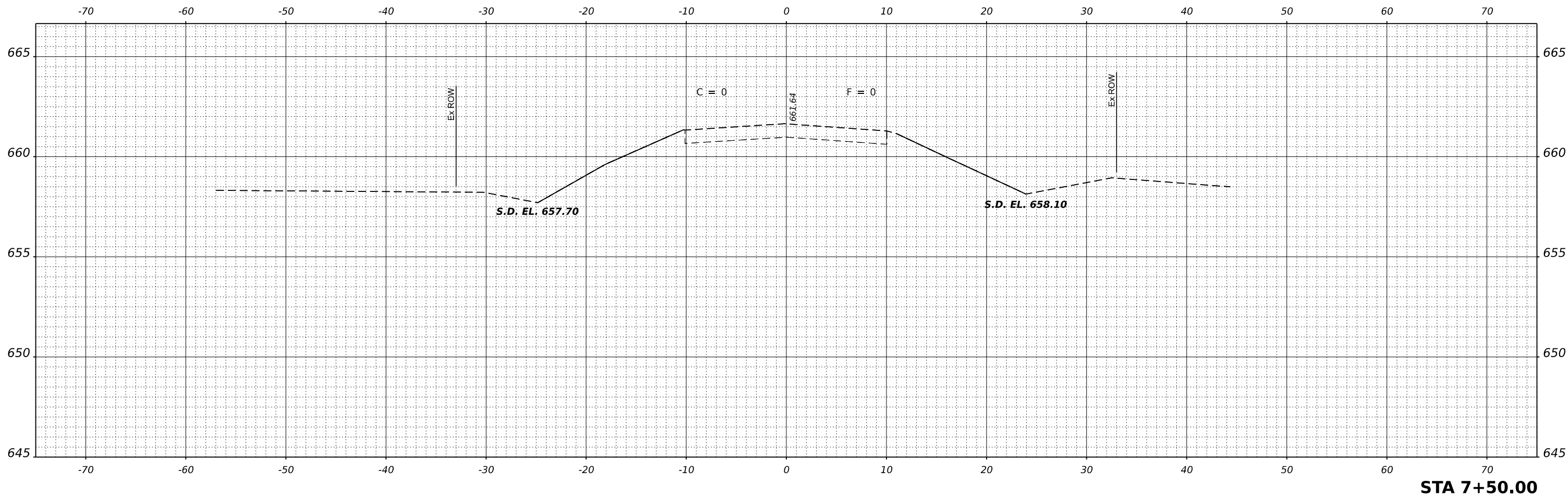
Route: CH 8 Gallahue Road
Section: 22-00146-00-BR
County: Ford
Structure No. 027-3020
Station: 37 ft. west of bridge center
Offset: 10 ft. north of bridge center

Boring: B-1
Page: Page 2 of 2
Date of Boring: September 13, 2023
Drilled By: Dusty Crump
Checked By: Daniel E. Tappendorf, P.E.
MET Project No: B33121

Ground Water Elevation: when drilling: Dry at completion: Dry	DEPTH (ft.)	BLOW S (6")	Q _u (tsf)	MC (%)	Assumed Center of Bridge @ CL Elevation 100.00 ft.	DEPTH (ft.)	BLOW S (6")	Q _u (tsf)	MC (%)
Gray silty CLAY (CL) with sand and small gravel - Till	55								
		10 14 17	4.5+P	7					
600.4	60	11 14 17	4.5+P	8					
END OF BORING AT 61.5 FT.	65								
N - Standard Penetration Test (SPT) = Sum of last two blow values in sample MC- Moisture Content - Percent of dry weight Qu- Unconfined Compressive Strength- tons per square foot (tsf)					Type Failure Qu test	B-Bulge S-Shear P-Penetrometer			

BORING B-1

ORIGINAL SURVEY				BY _____	DATE _____
	SURVEYED _____				
	PLOTTED _____				
	TEMPLATE _____				
	AREAS _____				
	AREAS CHECKED _____				
NO. _____					



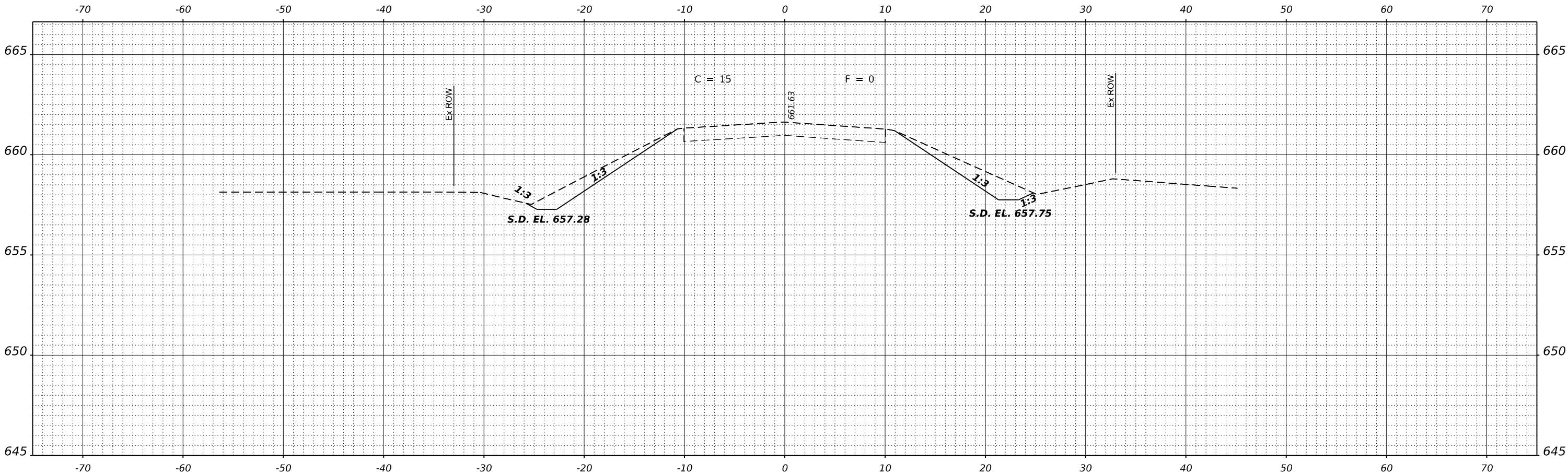
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS				F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ \$SCALE\$	DRAWN - T.W.K.	REVISED -						1362	22-00146-00-BR		FORD	36	17
	PLOT DATE ■ 8/26/2025	CHECKED - S.W.M.	REVISED -		GALLAHUE ROAD				CONTRACT NO. 87891					
		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 1 OF 20 SHEETS	STA. 7+50.00	C-93-008-26		ILLINOIS	FED. AID PROJECT 0FCR(005)			

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

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

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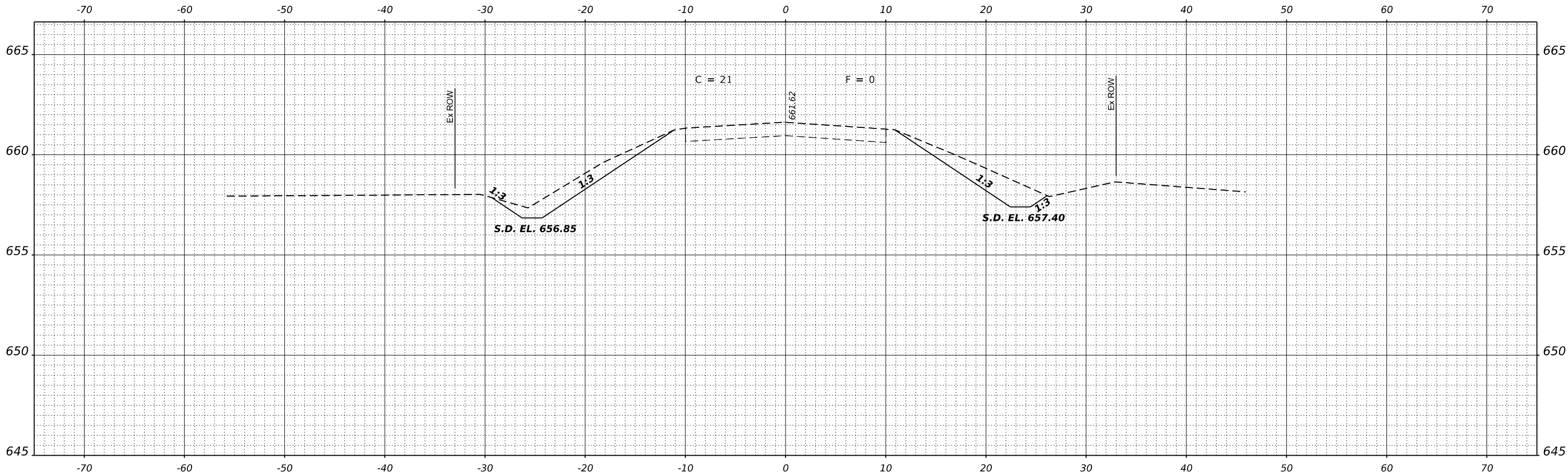


HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/959	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/26/2025		CHECKED - S.W.M.	REVISED -					GALLAHUE ROAD		CONTRACT NO. 87891		
			DATE - \$DATS	REVISED -					C-93-008-26	ILLINOIS	FED. AID PROJECT 0FCR(005)		

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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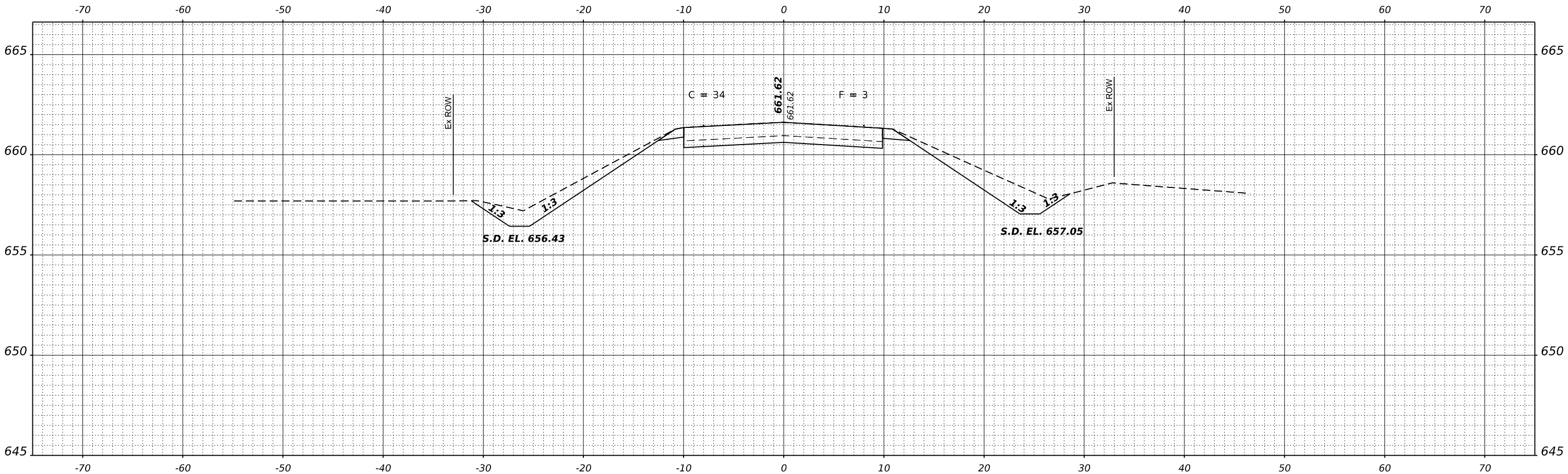
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HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000559 HLR	USER NAME ■ rhesick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS				F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE ■ 8/26/2025	CHECKED - S.W.M.	REVISED -						GALLAHUE ROAD					
		DATE - \$DAT\$	REVISED -						CONTRACT NO. 87891					
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FINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

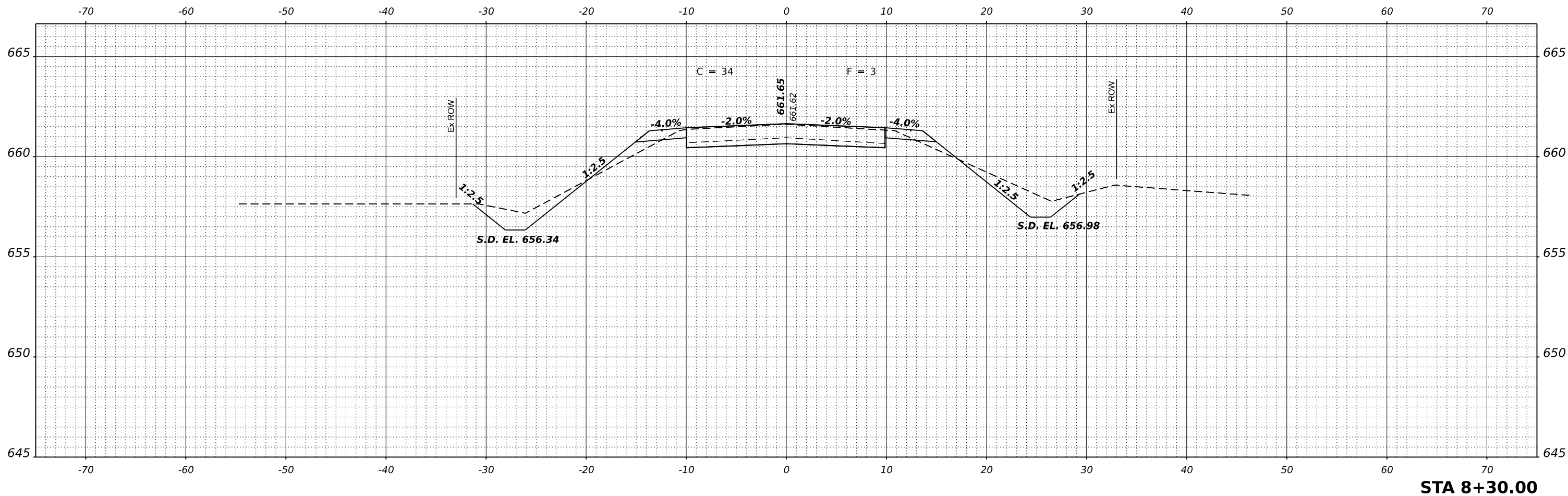
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	PLOT DATE ■ 8/26/2025		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 4 OF 20 SHEETS	STA. 8+25.00	C-93-008-26	ILLINOIS	FED. AID PROJECT 0FCR(005)		

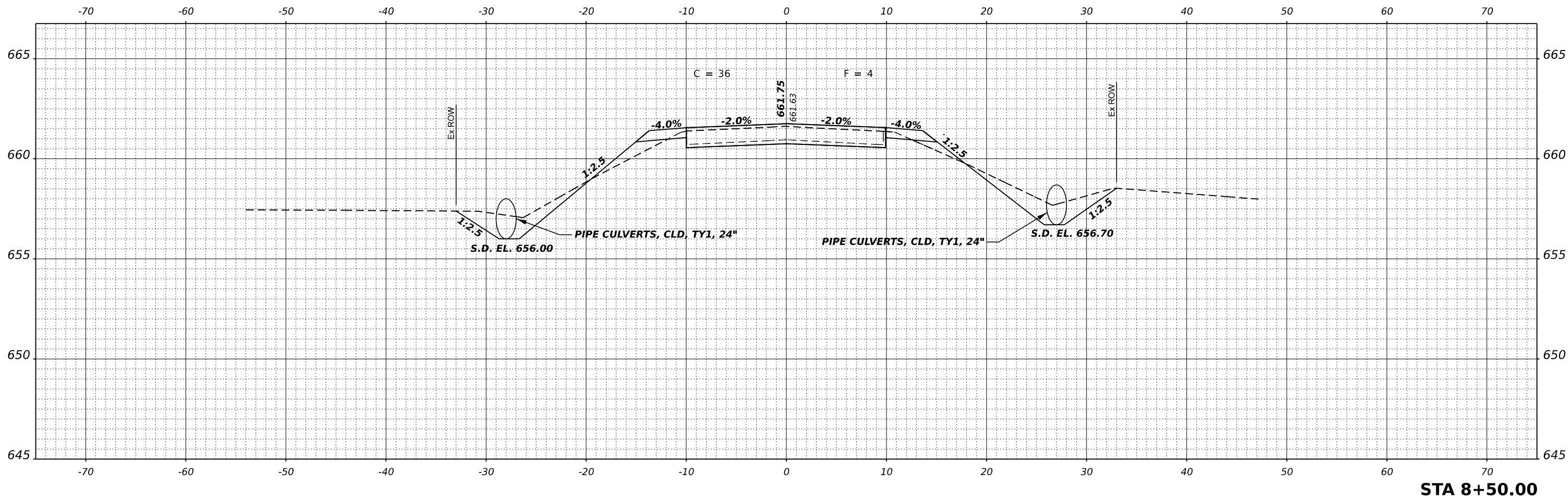
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	AREAS CHECKED _____				
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS				F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE ■ 8/26/2025	CHECKED - S.W.M.	REVISED -		GALLAHUE ROAD						CONTRACT NO. 87891			
		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 5 OF 20 SHEETS	STA. 8+30.00		C-93-008-26		ILLINOIS	FED. AID PROJECT 0FCR(005)		

ORIGINAL SURVEY				BY _____	DATE _____
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	PLOTTED _____				
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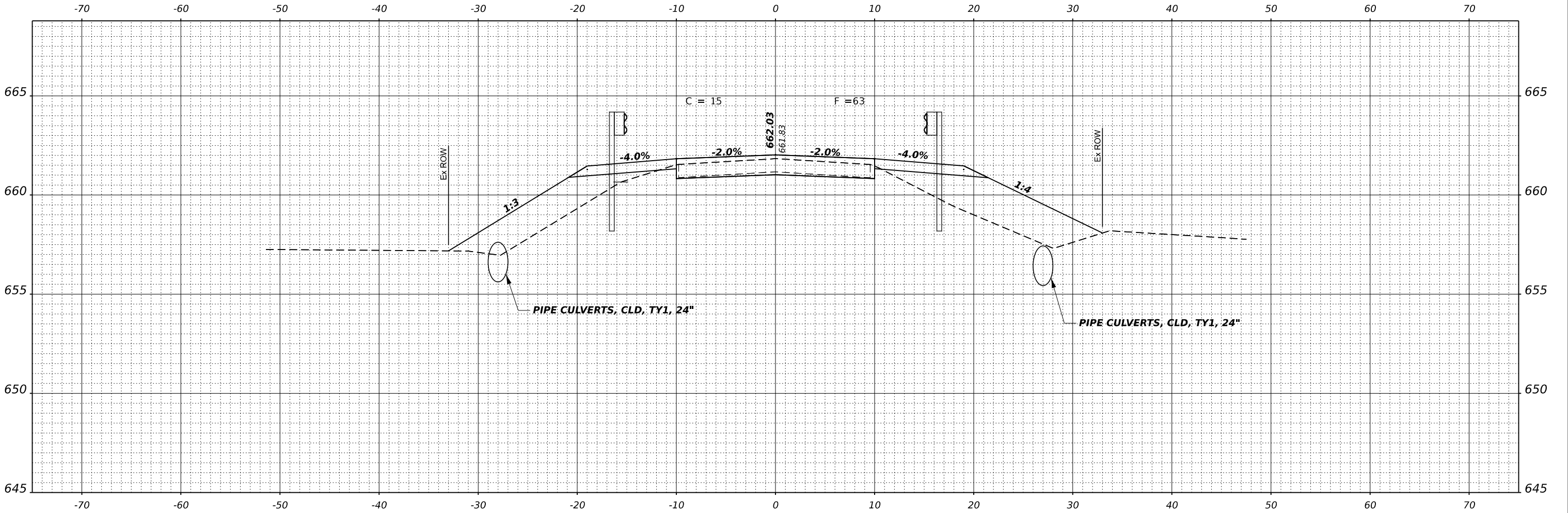
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS				F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE ■ 8/26/2025	CHECKED - S.W.M.	REVISED -		GALLAHUE ROAD						CONTRACT NO. 87891			
		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 6 OF 20 SHEETS	STA. 8+50.00	C-93-008-26		ILLINOIS	FED. AID PROJECT 0FCR(005)			

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

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

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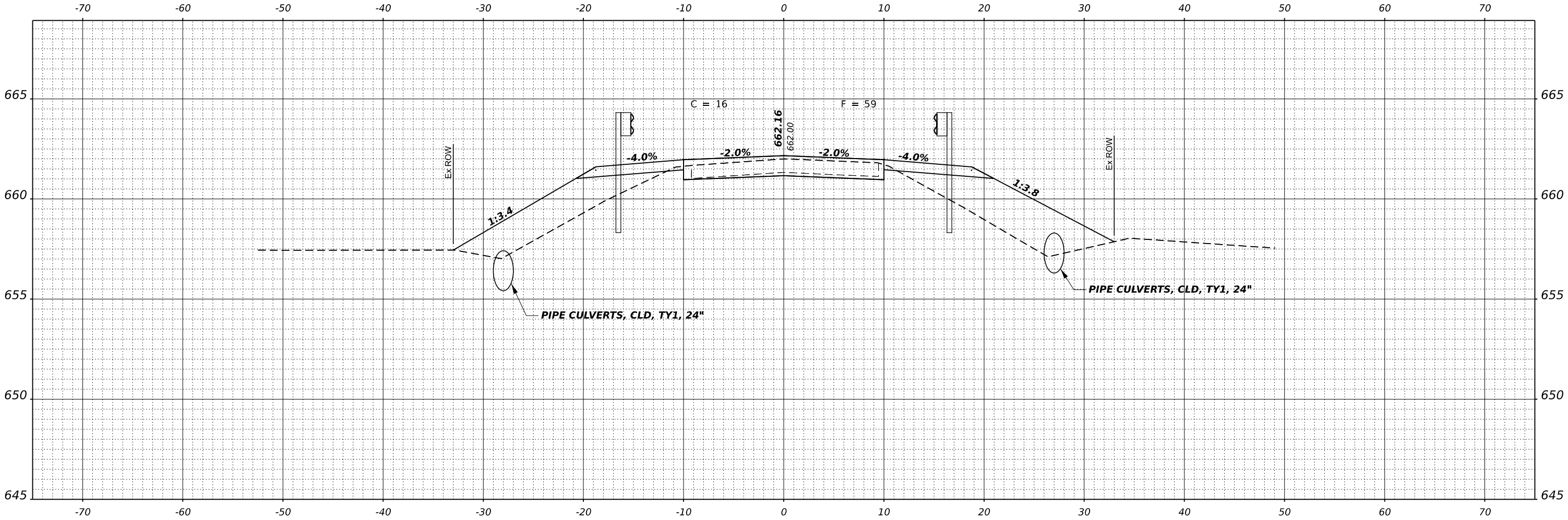


HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/659	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE - 8/26/2025								C-93-008-26	ILLINOIS	FED. AID PROJECT 0(FR(005)		

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

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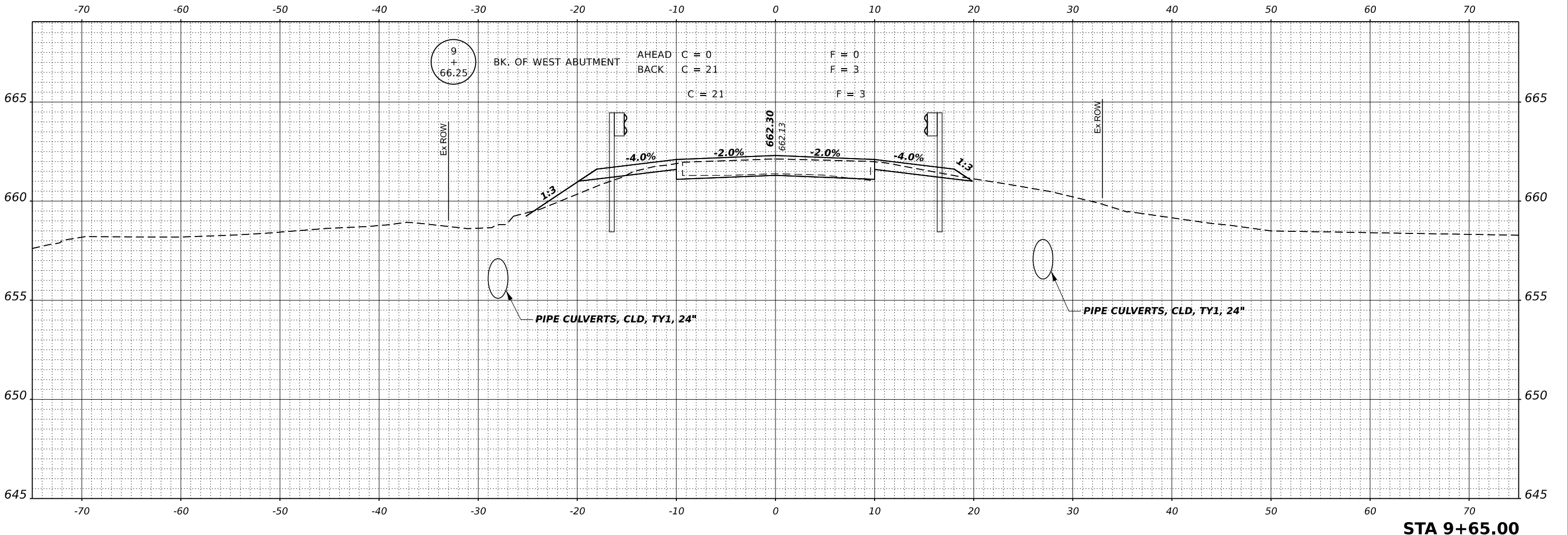
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HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/659	USER NAME rhesick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$		DRAWN - T.W.K.	REVISED -		SCALE: 5V:10H SHEET 8 OF 20 SHEETS STA. 9+25.00			1362	22-00146-00-BR	FORD	36	24
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			DATE - \$DAT\$	REVISED -					C-93-008-26	ILLINOIS	FED. AID PROJECT 0 FCR(005)		

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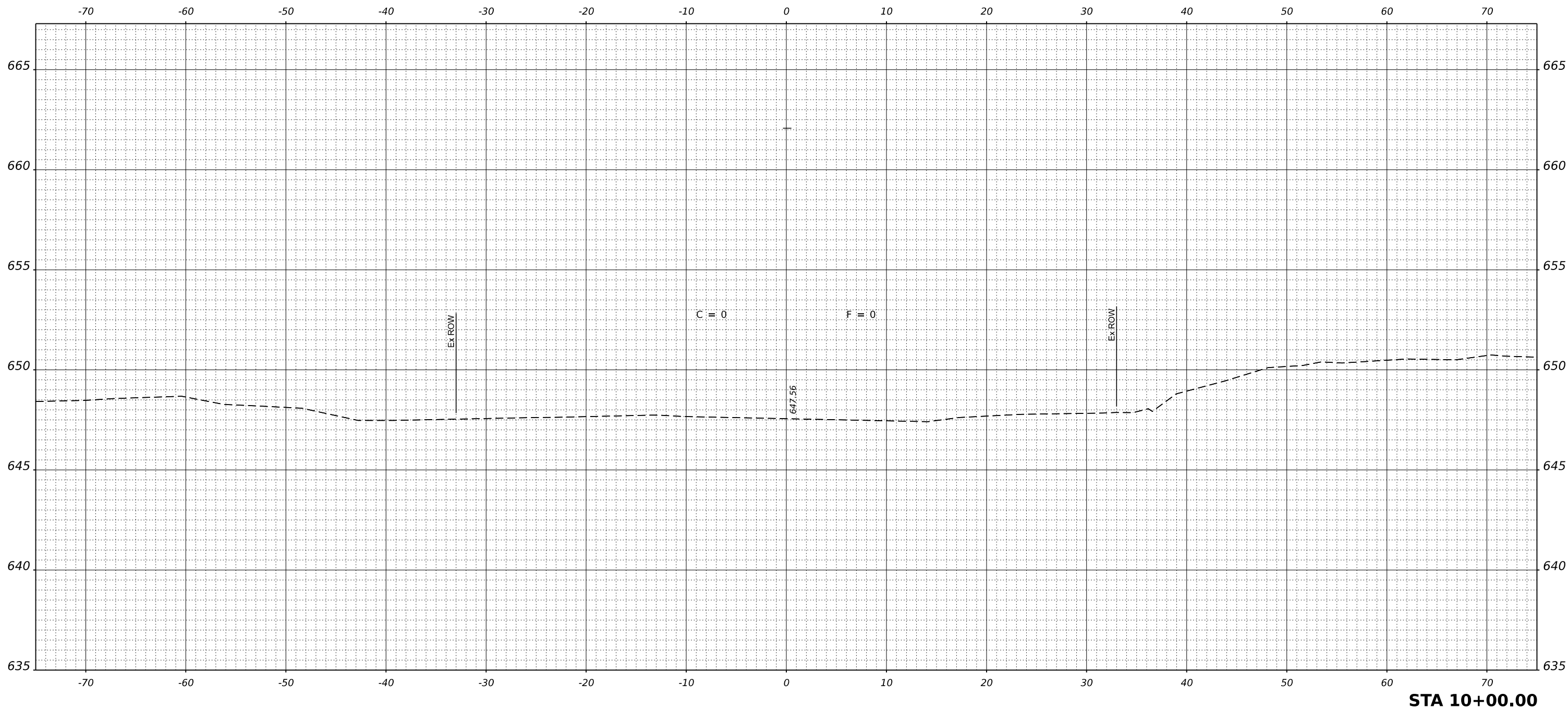
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HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000559	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/26/2025		CHECKED - S.W.M.	REVISED -		SHEET 10 OF 20 SHEETS			GALLAHUE ROAD		CONTRACT NO. 87891		
			DATE - \$DAT\$	REVISED -		STA. 9+65.00			C-93-008-26	ILLINOIS	FED. AID PROJECT 0 FCR(005)		

ORIGINAL SURVEY				BY _____	DATE _____
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	PLOTTED _____				
	TEMPLATE _____				
	AREAS _____				
	AREAS CHECKED _____				
NO. _____					



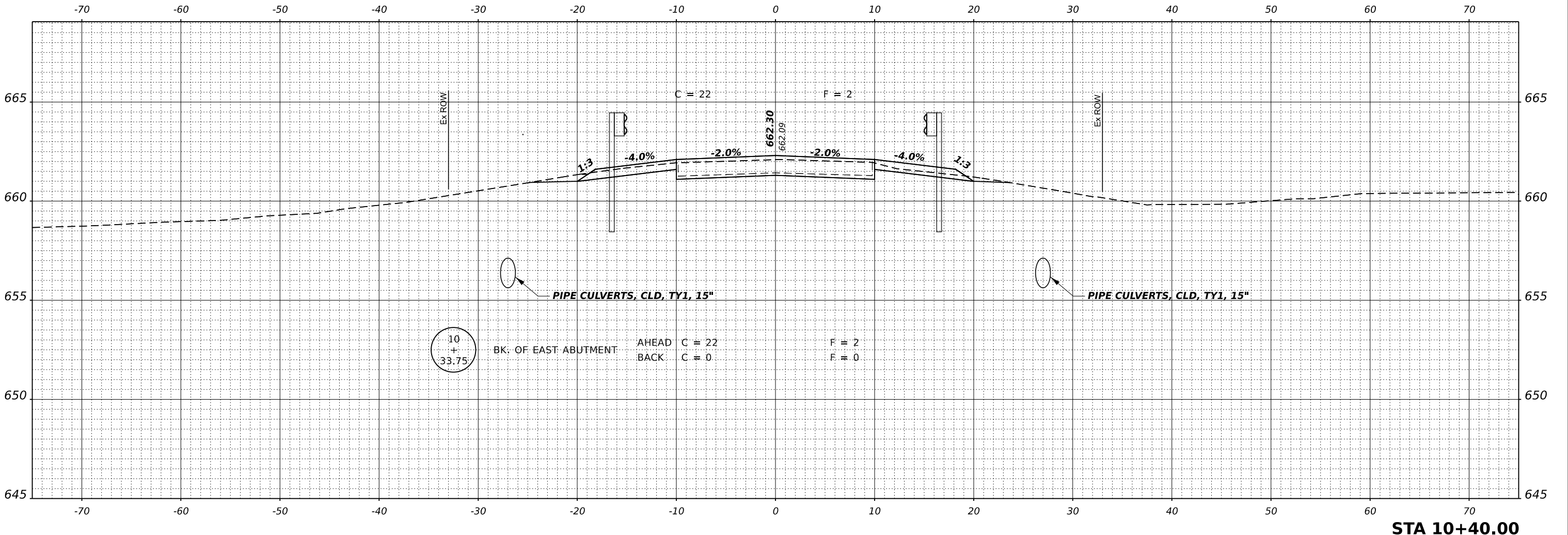
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS				F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 11 OF 20 SHEETS	STA. 10+00.00	C-93-008-26		ILLINOIS	FED. AID PROJECT 0FCR(005)			

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

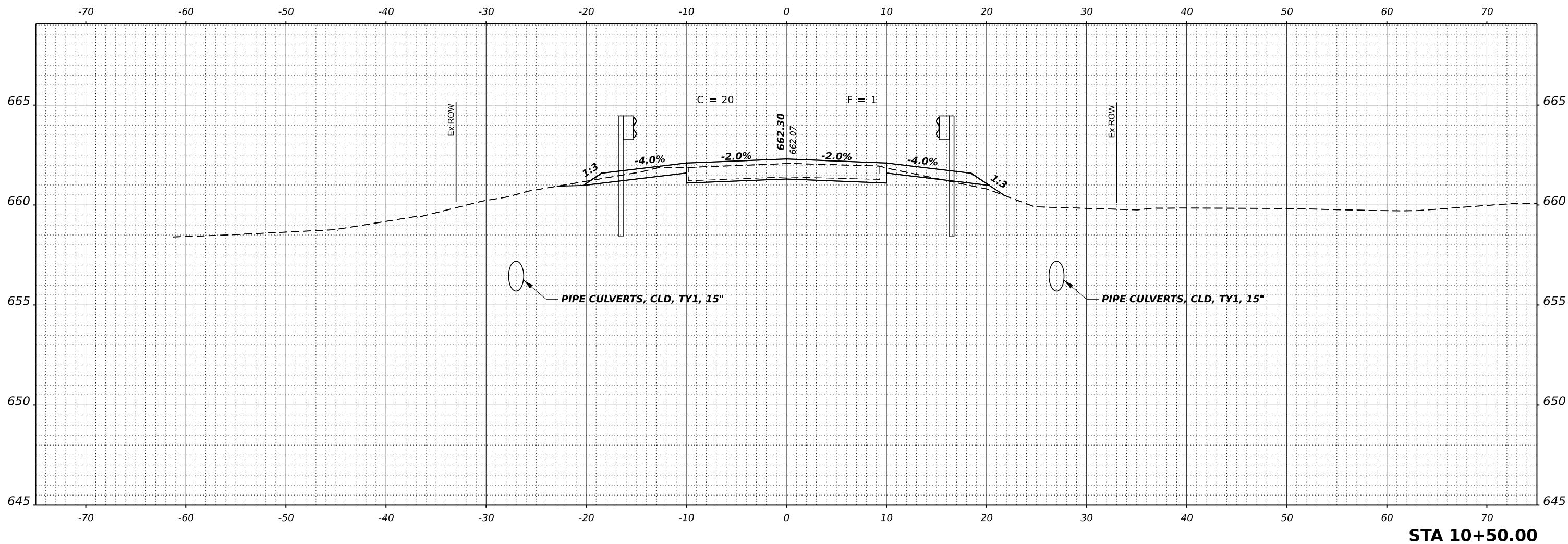
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HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/659	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ORIGINAL SURVEY					
NOTE BOOK					
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	AREAS _____				
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			BY _____		DATE _____



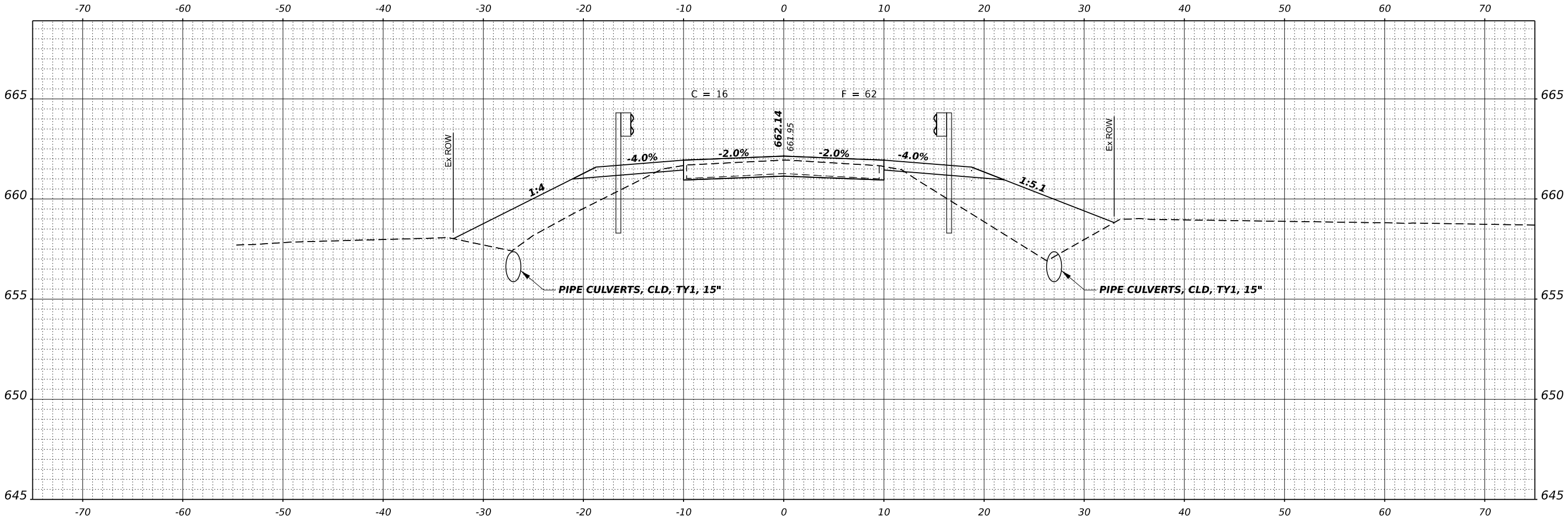
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS					F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

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

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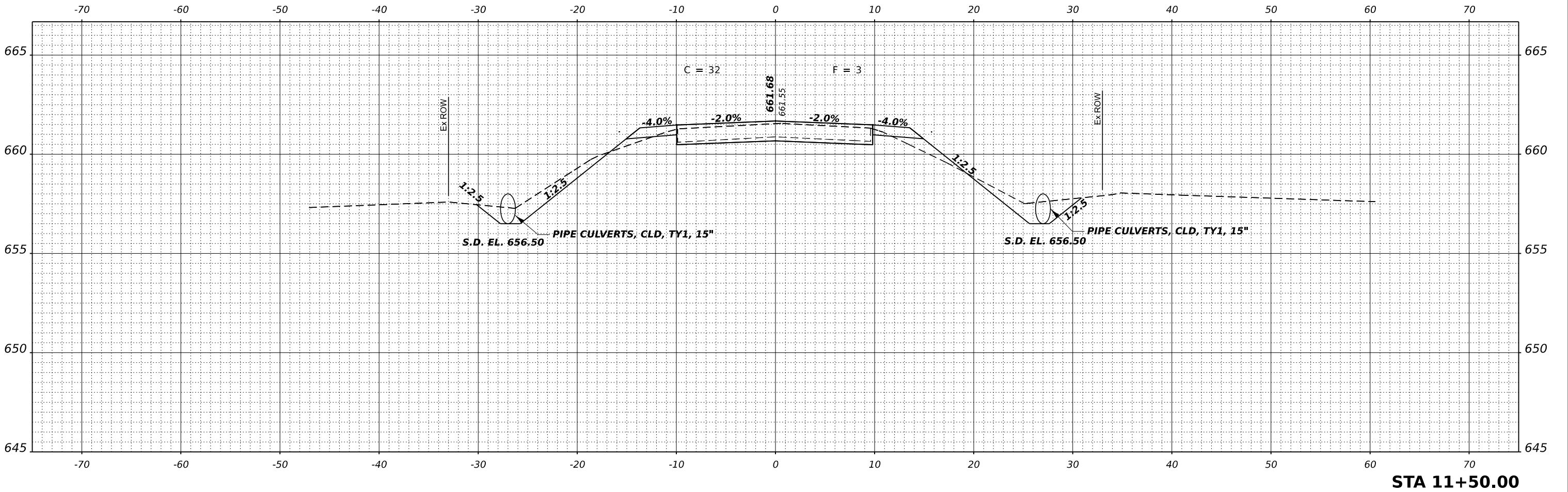
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HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000559	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$		DRAWN - T.W.K.	REVISED -		SCALE: 5V:10H SHEET 14 OF 20 SHEETS STA. 10+75.00			1362	22-00146-00-BR	FORD	36	30
	PLOT DATE = 8/26/2025		CHECKED - S.W.M.	REVISED -					GALLAHUE ROAD		CONTRACT NO. 87891		
			DATE - \$DATS	REVISED -					C-93-008-26	ILLINOIS	FED. AID PROJECT 0(FR(005)		

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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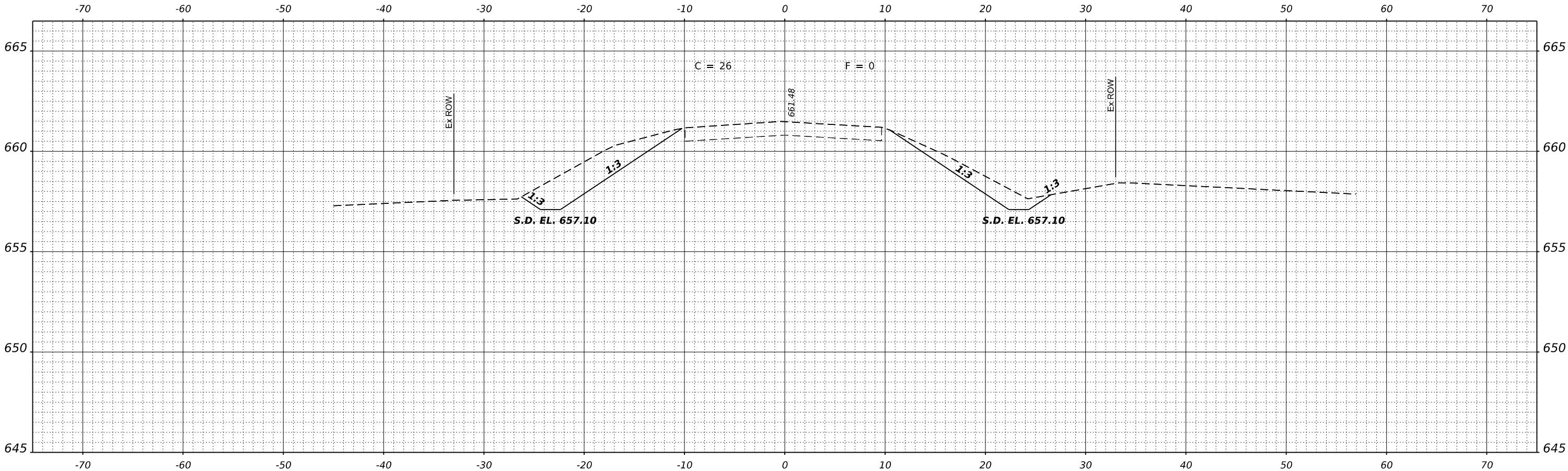


HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/959	USER NAME ■ rhesick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ \$SCALE\$		DRAWN - T.W.K.	REVISED -		SCALE: 5V:10H SHEET 16 OF 20 SHEETS STA. 11+50.00			1362	22-00146-00-BR	FORD	36	32
	PLOT DATE ■ 8/26/2025		CHECKED - S.W.M.	REVISED -		GALLAHUE ROAD			CONTRACT NO. 87891				
	DATE - \$DAT\$		DATE - \$DAT\$	REVISED -		C-93-008-26			ILLINOIS	FED. AID PROJECT 0 FCR(005)			

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

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

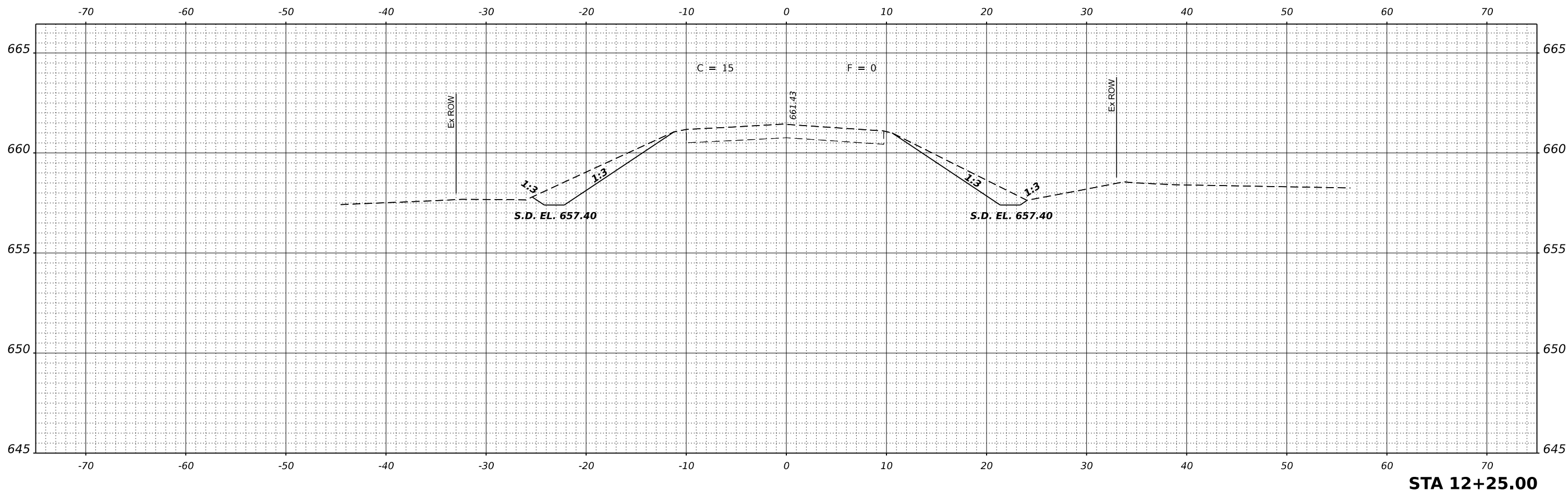
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STA 12+00.00

HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/959	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - T.W.K.	REVISED -					1362	22-00146-00-BR	FORD	36	34
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ORIGINAL SURVEY			BY _____	DATE _____
	SURVEYED _____			
	PLOTTED _____			
	TEMPLATE _____			
	AREAS _____			
	AREAS CHECKED _____			
NO. _____				



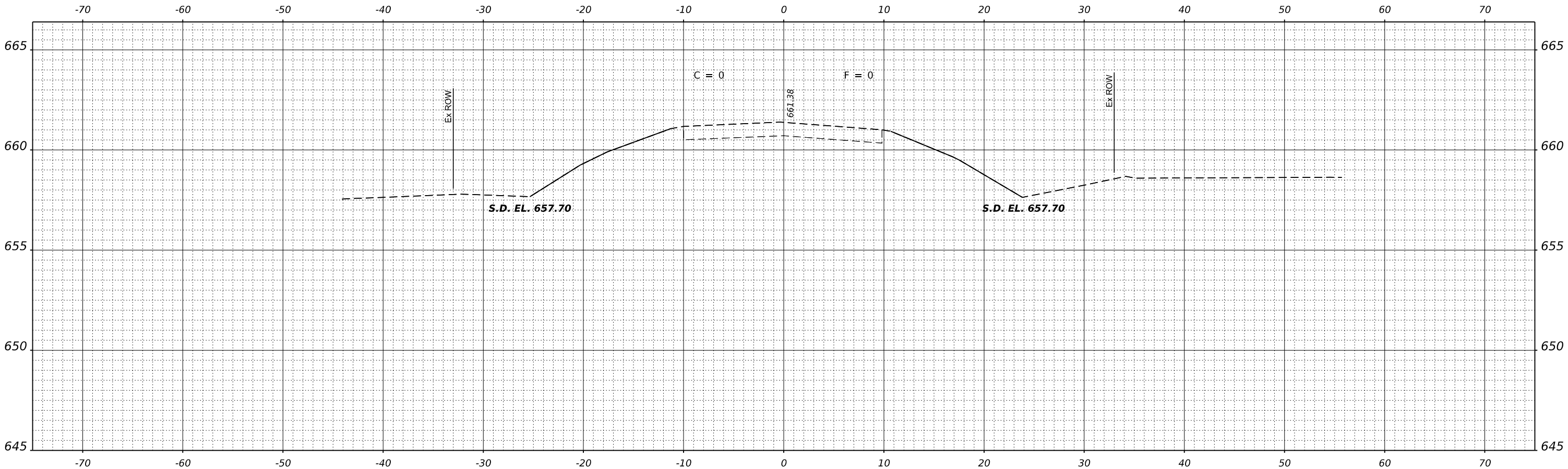
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 HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.0000959	USER NAME ■ rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS					F.A.S.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ \$SCALE\$	DRAWN - T.W.K.	REVISED -							1362	22-00146-00-BR		FORD	36	35
	PLOT DATE ■ 8/26/2025	CHECKED - S.W.M.	REVISED -		GALLAHUE ROAD					CONTRACT NO. 87891					
		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H	SHEET 19 OF 20 SHEETS	STA. 12+25.00	C-93-08-26		ILLINOIS	FED. AID PROJECT 0FCR(005)				

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

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

MODEL \$MODELNAME\$
FILE NAME: 230943-017-001-sheet.dgn



STA 12+50.00

HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000/959	USER NAME rhosick		DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - T.W.K.		CHECKED - S.W.M.	REVISED -					1362	22-00146-00-BR	FORD	36	36
	PLOT SCALE = \$SCALE\$		DATE - \$DAT\$	REVISED -		SCALE: 5V:10H SHEET 20 OF 20 SHEETS STA. 12+50.00			GALLAHUE ROAD		CONTRACT NO. 87891		
	PLOT DATE = 8/26/2025			REVISED -					C-93-008-26	ILLINOIS	FED. AID PROJECT 0 FCR(005)		