

INDEX OF SHEETS

SHEET NO. DESCRIPTION

1. COVER SHEET
2. SUMMARY OF QUANTITIES
3. SCHEDULE OF QUANTITIES AND GENERAL NOTES
4. TYPICAL CROSS SECTIONS AND DETAILS
5. PLAN AND PROFILE
6. GUARDRAIL AND SHOULDER LAYOUT
- 7-15. BRIDGE PLANS
- 16-25. STATION CROSS SECTIONS

HIGHWAY STANDARDS:

- | | |
|-----------|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 515001-04 | NAME PLATE FOR BRIDGES |
| 601001-05 | PIPE UNDERDRAINS |
| 601101-02 | CONCRETE HEADWALL FOR PIPE UNDERDRAIN |
| 630001-13 | STEEL PLATE BEAM GUARDRAIL |
| 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 |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |
| 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

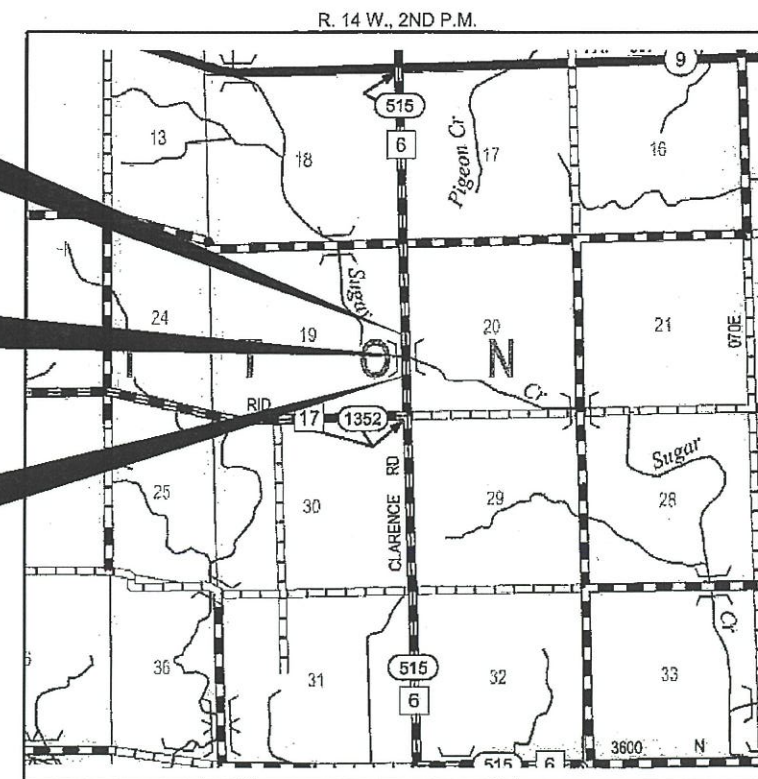
FRONTIER COMMUNICATIONS
109 E. MARKET STREET, 2ND FLOOR
BLOOMINGTON, IL 61701

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

STA. 10+00
PRECAST PRESTRESSED CONCRETE DECK BEAM
BRIDGE. SINGLE SPAN AT 68'-0"
31'-1 1/2" DECK. SKEW = 0°
EXISTING STRUCTURE NO. 027-3024
PROPOSED STRUCTURE NO. 027-3469

IMPROVEMENT BEGINS
STATION 8+20

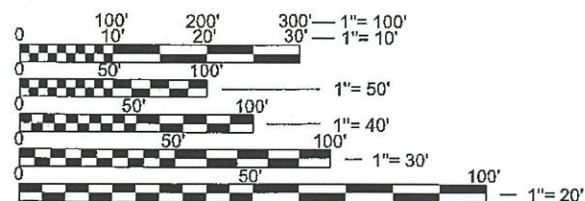
IMPROVEMENT ENDS
STATION 11+70



LOCATION MAP

APPROXIMATE SCALE: 0 1/2 MILE

NET LENGTH OF SECTION = 350 FEET = 0.066 MILES
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED: 40 MPH
DESIGN TRAFFIC: 250 ADT
3R DESIGN GUIDELINES ARE USED



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.



CONTRACT NO. 87890 PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID PROJECT LOCAL BRIDGE FORMULA PROGRAM

PROJECT HB68(016)
SECTION 21-00145-00-BR
FORD COUNTY
F.A.S. 515 / C.H. 6 / CLARENCE ROAD
PROPOSED STRUCTURE NO. 027-3469
C-93-007-26

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 6	21-00145-00-BR	FORD	25	1
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 87890		



ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED August 18, 2025
County Engineer

PASSED August 27, 2025

DISTRICT THREE ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
Bid Based on
Limited Review August 27, 2025
Region Two Engineer

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE: 07/29/2025



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

184.000669
ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORPORATION

EXPIRES: 11/30/2025

PROJECT NUMBER: 23.0848.130

DATE: 07/29/2025

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION TYPE CODE 0010	
		UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	315
20300100	CHANNEL EXCAVATION	CU YD	170
20700110	POROUS GRANULAR EMBANKMENT	TON	170
28000305	TEMPORARY DITCH CHECKS	FOOT	20
28000400	PERIMETER EROSION BARRIER	FOOT	135
28000500	INLET AND PIPE PROTECTION	EACH	2
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	440
35101400	AGGREGATE BASE COURSE, TYPE B	TON	512
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	22
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1591
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	157
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	99
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	85
48101200	AGGREGATE SHOULDERS, TYPE B	TON	170
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	31.8
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	2040
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3810
* 50900209	STEEL RAILING, TYPE SMX	FOOT	138
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	450
51202305	DRIVING PILES	FOOT	450
51203200	TEST PILE METAL SHELLS	EACH	1
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	240
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	153
60100945	PIPE DRAINS 12"	FOOT	10
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	130
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50

* SPECIALTY ITEM

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION TYPE CODE 0010	
		UNIT	TOTAL QUANTITY
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	418
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 ITEM

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.
CH 6 / FAS 515							
STA. 8+20.00 TO STA. 9+65.33	169		25.00%	100.00%	127	115	12
STA. 9+65.33 TO STA. 10+34.67		170	25.00%	70.00%	89		89
STA. 10+34.67 TO STA. 11+70.00	144		25.00%	100.00%	108	178	-70
TOTAL	313	170			324	293	31
USE	315	170					30
WASTE 30 CU YDS							

GUARDRAIL SCHEDULE						
LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
	63000001	63100087	63100167	63200310	72501000	78200005
CH 6 / FAS 515	FOOT	EACH	EACH	FOOT	EACH	EACH
LT. STA. 8+95 TO 11+67				209		
RT. STA. 8+33 TO 11+05				209		
LT. STA. 8+63.87 TO 11+36.08	25	2	2		2	4
RT. STA. 8+63.87 TO 11+36.08	25	2	2		2	4
TOTAL	50	4	4	418	4	8

NOTE: SEE SHEET 6 FOR STATIONING AND LAYOUT

EROSION CONTROL SCHEDULE			
LOCATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
	28000305	28000400	28000500
CH 6 / FAS 515	FOOT	FOOT	EACH
RT. STA. 8+20 TO STA. 9+45		135	
LT. STA. 8+12			1
LT. STA. 9+25	10		
RT. STA. 10+40	10		
LT. STA. 10+48			1
TOTAL	20	135	2

ROADWAY SCHEDULE							
LOCATION	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	AGGREGATE SHOULDERS, TYPE B
	35101400	40200800	40600275	40600290	40603080	40604050	48101200
CH 6 / FAS 515	TON	TON	POUND	POUND	TON	TON	TON
STA. 8+20.00 TO STA. 9+65.33	265		824	81	51	31	83
STA. 10+34.67 TO STA. 11+70.00	247		767	76	48	28	87
BRIDGE						26	
ENTRANCE STA. 8+30 LT		22					
TOTAL	512	22	1591	157	99	85	170

GENERAL NOTES

- 1) ALL CLEARING, GRUBBING, FENCE REMOVAL, PAVEMENT REMOVAL, AND REMOVAL OF EXISTING DRAINAGE STRUCTURES INCLUDING EXISTING PIPE CULVERTS, 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 SURFACE APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

AGGREGATE SURFACE & BASE COURSES2.05 TON/CU YD

AGGREGATE SHOULDERS2.05 TON/CU YD

POROUS GRANULAR EMBANKMENT2.0 TON/CU YD

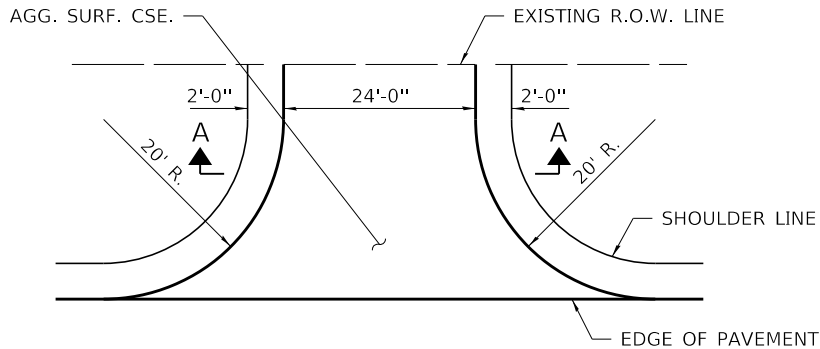
STONE DUMPED RIPRAP1.75 TON/CU YD

HOT MIX ASPHALT112.0 LB/SY/IN
- BITUMINOUS MATERIALS APPLICATION RATES

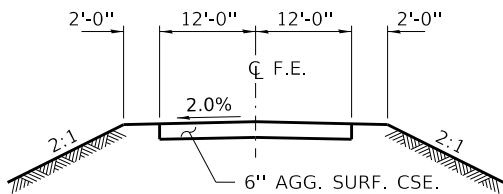
SURFACE TYPE	RESIDUAL RATE
AGGREGATE BASE (PRIME COAT)	0.250 LB/SQ FT
MILLED HMA OR PCC (TACK COAT)	0.050 LB/SQ FT
EXISTING PAVEMENT (TACK COAT)	0.050 LB/SQ FT
TACK COAT (BETWEEN LIFTS)	0.025 LB/SQ FT
- 7) THE FINAL SURFACE OF ALL EMBANKMENT AREAS SHALL BE SEEDED. THE TOP 4 INCHES OF THE SEEDED AREAS 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) 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) =0.25 ACRES
- 9) 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.
- 10) COMMITMENTS:

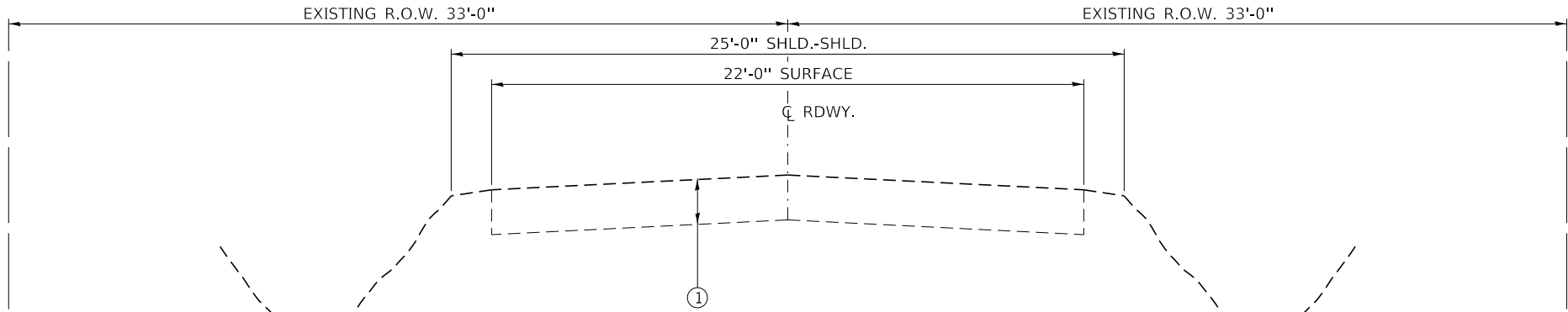
1) NONE



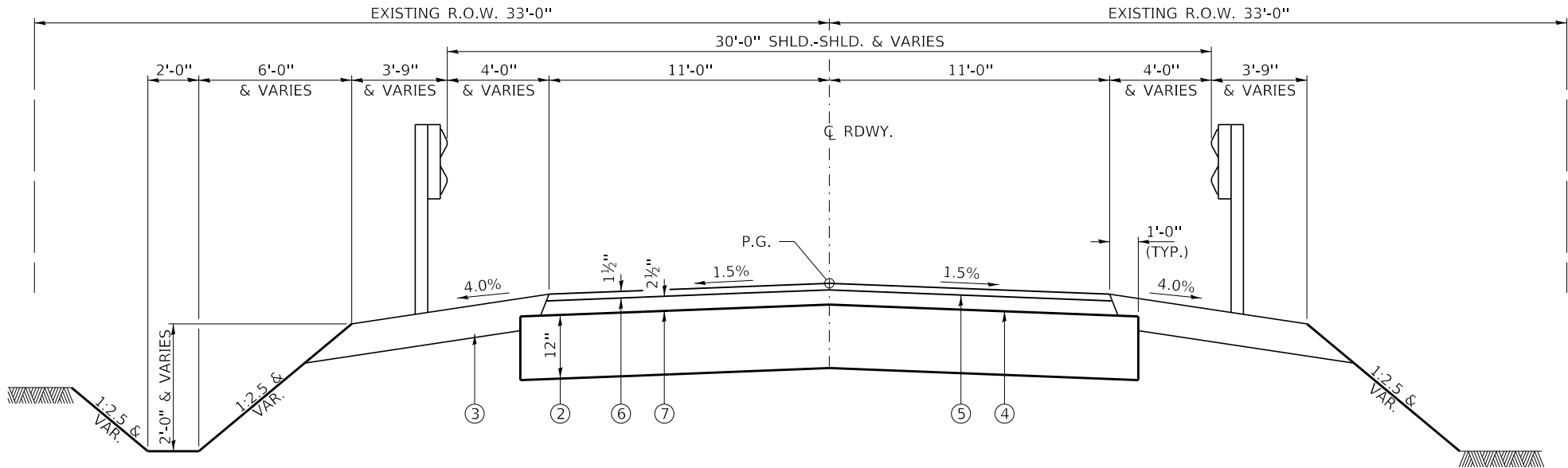
FIELD ENTRANCE DETAIL
STA. 8+30 LT



SECTION A-A



EXISTING TYPICAL CROSS SECTION
STA. 8+20 TO STA. 11+70



PROPOSED TYPICAL CROSS SECTION
STA. 8+20 TO STA. 11+70

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

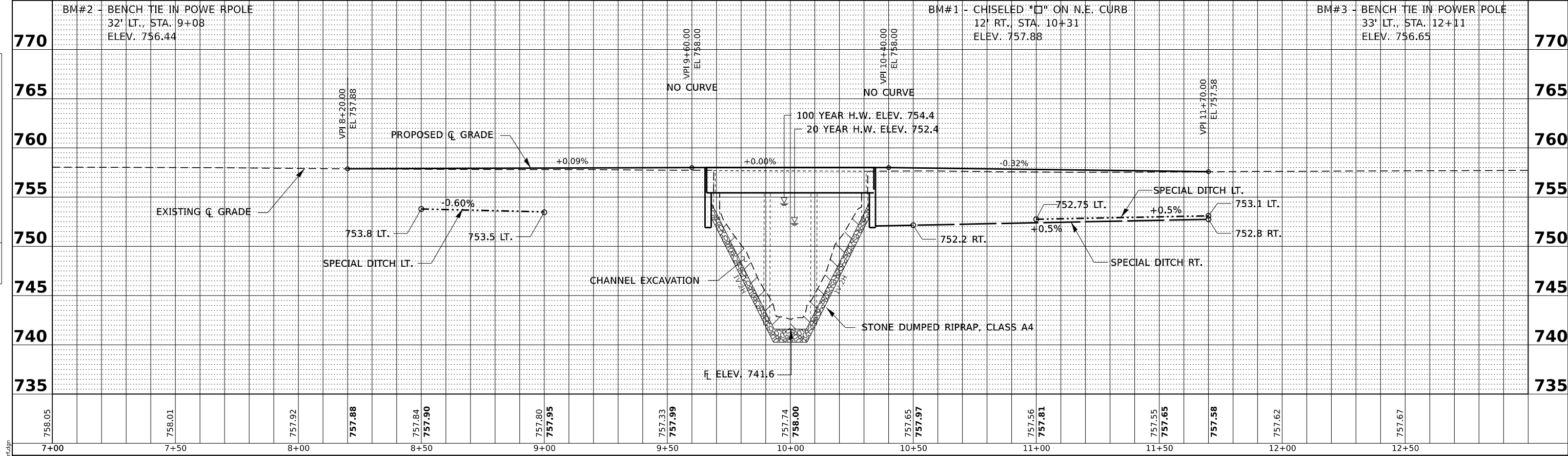
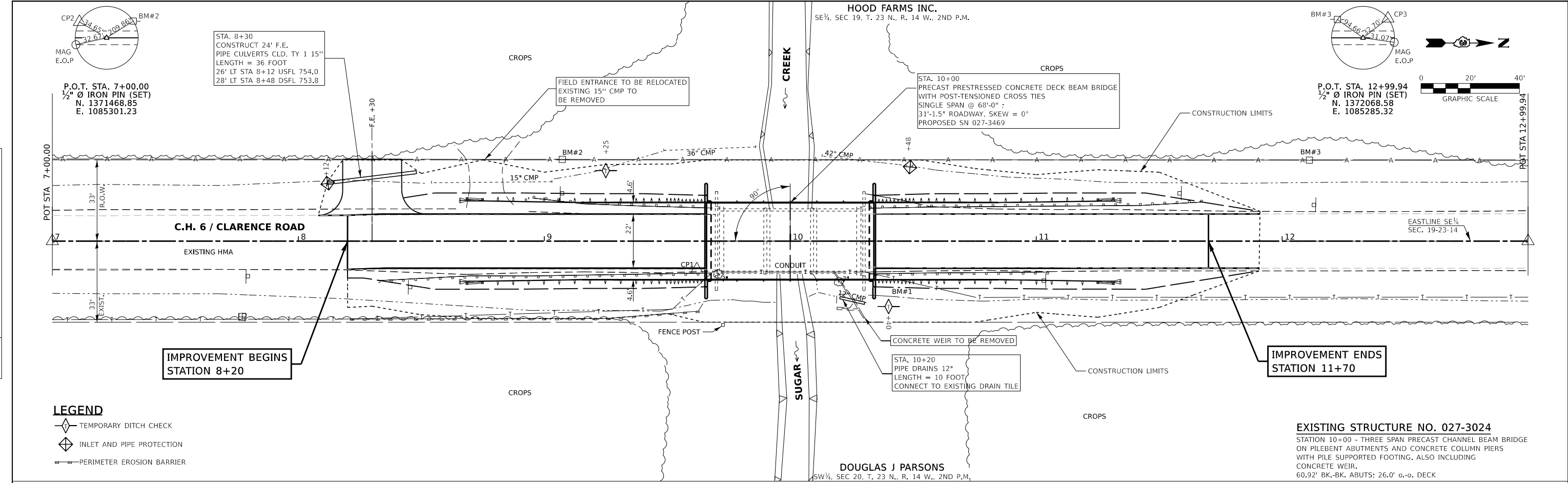
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
LOCATIONS(S)	CH 6 / FAS 515	CH 6 / FAS 515
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE	HOT-MIX ASPHALT SURFACE COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ 50 Gyr.	4% @ 50 Gyr.
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5
FRICTION AGGREGATE:	NONE	MIXTURE C
MIXTURE WEIGHT:	112 LBS / SY / INCH THICKNESS	112 LBS / SY / INCH THICKNESS
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	NA	NA
DENSITY TEST METHOD	CORES	CORES
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO

LEGEND

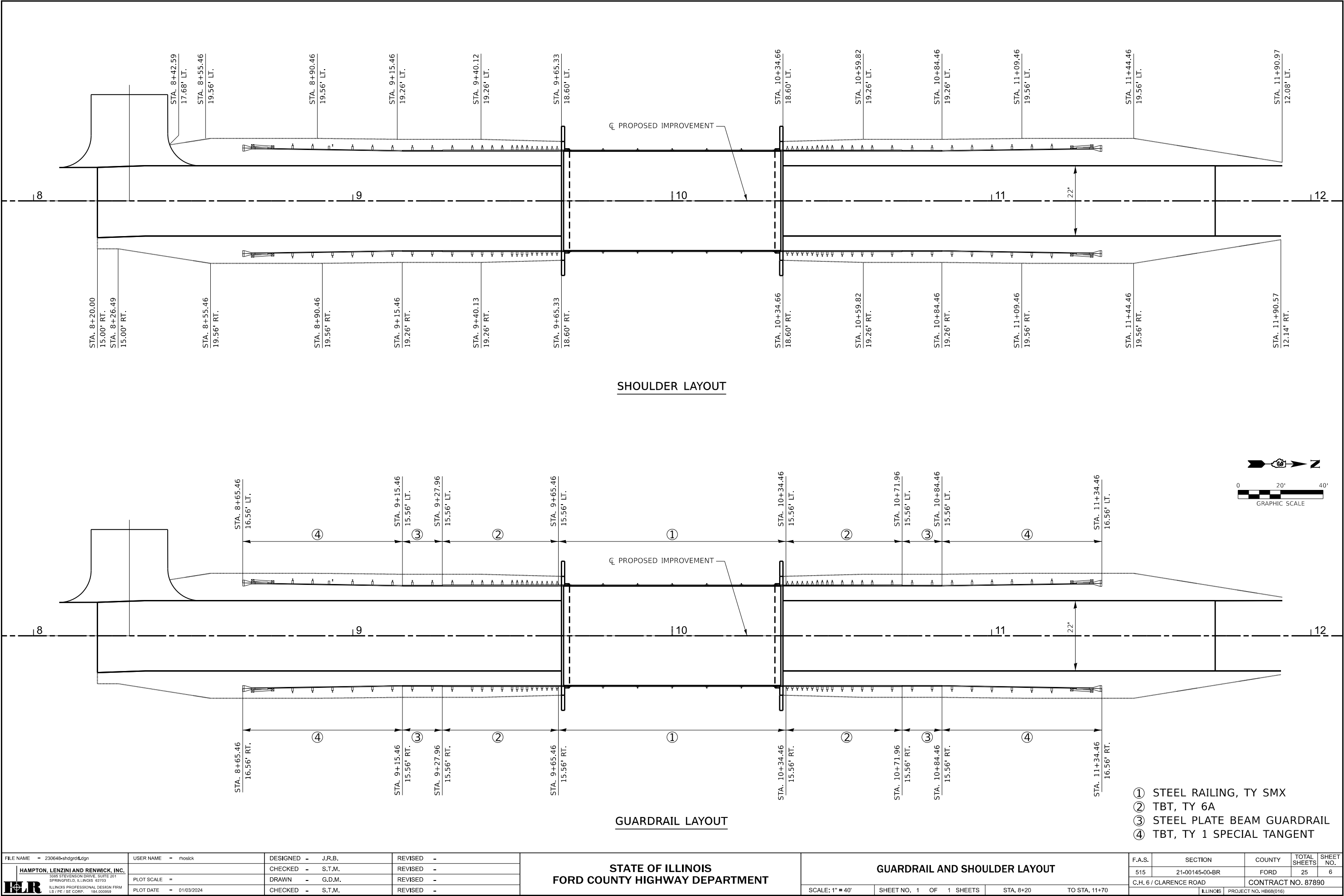
- ① EXISTING HMA SURFACE (4") ON AGGREGATE BASE (8")
- ② AGGREGATE BASE COURSE TYPE B (12")
- ③ AGGREGATE SHOULDERS, TYBE B (6")
- ④ BITUMINOUS MATERIALS (PRIME COAT)
- ⑤ BITUMINOUS MATERIALS (TACK COAT)
- ⑥ HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1½" MIN & VARIES)
- ⑦ HMA BINDER COURSE, IL.-19.0, N50 (2½" THICKNESS)

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED GRADE CHECKED CADD FILE NAME	BY	DATE
NOTE BOOK NO.			

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

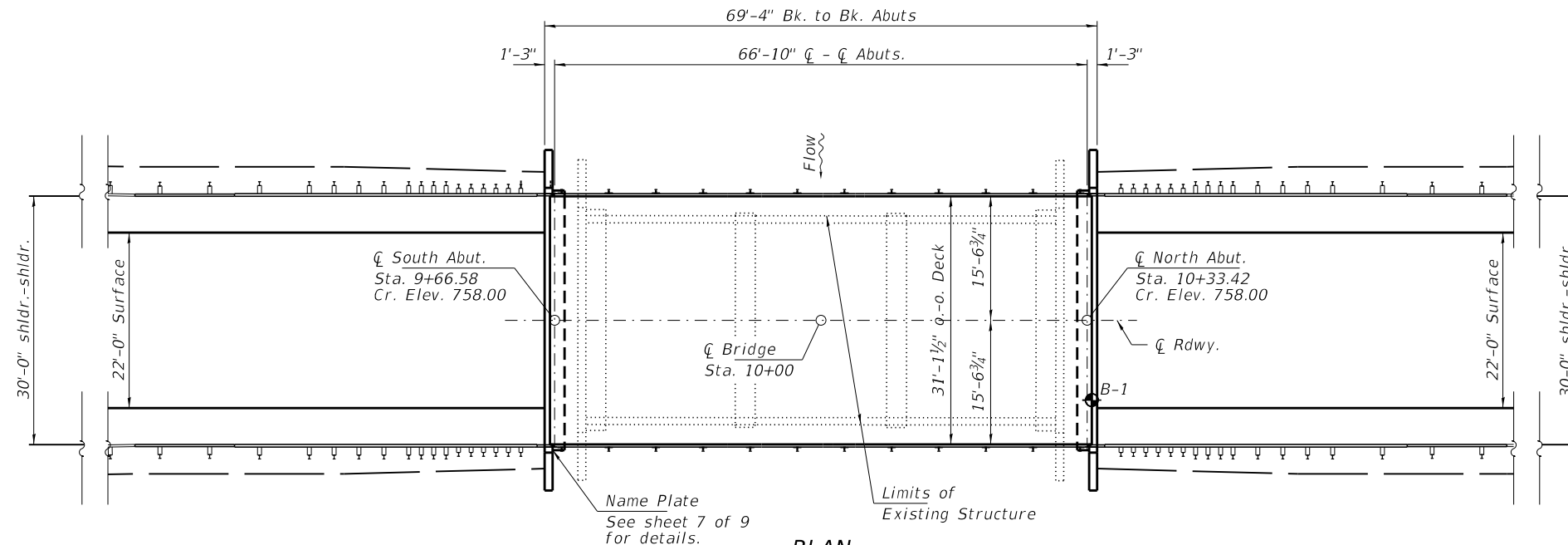


FILE NAME: 2306483-03 HAMPTON, LENZINI AND RENWICK, INC. 1707 N. RANDALL ROAD, SUITE 100 ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184-000999 FLR	USER NAME rhosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	PLAN & PROFILE C.H. 6 / CLARENCE ROAD				F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE 1"=20'	DRAWN - J.B.L.	REVISED -						515	21-00145-00-BR	FORD	25	5
	PLOT DATE 01/03/2024	CHECKED - S.W.M.	REVISED -		C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890						
		DATE 02/13/2025	REVISED -		SCALE: 1"=20'		SHEET 1	OF 1	SHEETS	STA. 7+00.00	TO STA. 13+00.00		
										ILLINOIS	FED. AID PROJECT HB68(016)		



EXISTING STRUCTURE NO. 027-3024: Sta. 10+00. Three span Precast Channel Beam Bridge on Pile bent Abutments and Concrete Column Piers with Pile Supported Footing. Also Including Concrete Weir
60.92' bk.-bk. abuts.; 26'-0" o.-o. deck.

No Salvage



PLAN

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour Elev. (ft.)		Item 113
	S. Abut.	N. Abut.	
Q100	751.7	751.7	8
Q200	751.7	751.7	
Design	751.7	751.7	
Check	751.7	751.7	

DESIGN SPECIFICATIONS

LOADING HL-93

DESIGN STRESSES

FIELD UNITS

$$\begin{aligned} f'_c &= 3,500 \text{ psi} \\ f_y &= 60,000 \text{ psi (Reinf.)} \end{aligned}$$

PRECAST PRESTRESSED UNITS

$f'_c = 6,000 \text{ psi}$
 $f'_{ci} = 5,000 \text{ psi}$
 $f_{pu} = 270,000 \text{ psi } (1/2" \text{ } \emptyset \text{ low lax. strands})$
 $f_{pbt} = 201,960 \text{ psi } (1/2" \text{ } \emptyset \text{ low lax. strands})$
 $f_y = 60,000 \text{ psi (Reinf.)}$

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.086g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.151g
Soil Site Class = C

WATERWAY INFORMATION

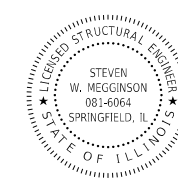
Drainage Area = 5.8 Sq. Mi.			Existing Low Grade Elev. 757.55 @ Sta. 11+50 Proposed Low Grade Elev. 757.58 @ Sta. 11+70							
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.		Head - Ft.		Headwater El.	
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.
Ten-Year	10	922	270	310	751.3	0.1	0.0	751.4	751.3	751.3
Design	20	1,170	330	370	752.4	0.1	0.1	752.5	752.5	752.5
Base	100	1,780	440	500	754.4	0.6	0.4	755.0	754.8	754.8
Scour Check	200	2,050	470	530	755.0	0.7	0.6	755.7	755.6	755.6
Max. Calc.	500	2,420	500	560	755.4	0.9	0.8	756.3	756.2	756.2

10 Year Velocity through Existing Bridge = 3.4 fps

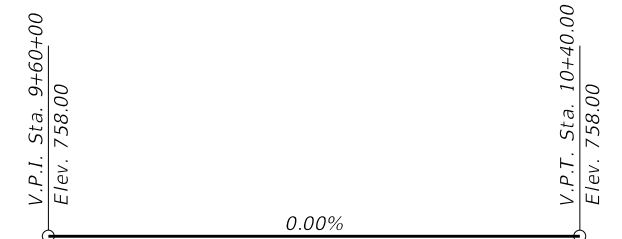
10 Year Velocity through Proposed Bridge = 3.0 fps

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 7/29/2023
ILLINOIS STRUCTURAL NO. 081-6064



Expires 11-30-2026



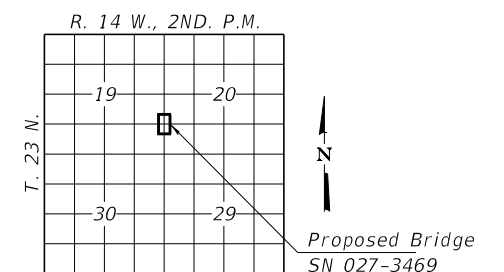
PROFILE GRADE

C.H. 6

SUGAR CREEK
BUILT 202_ BY
FORD COUNTY
SEC. 21-00145-00-BR
STR. NO. 027-3469
LOADING HL-93

NAME PLATE

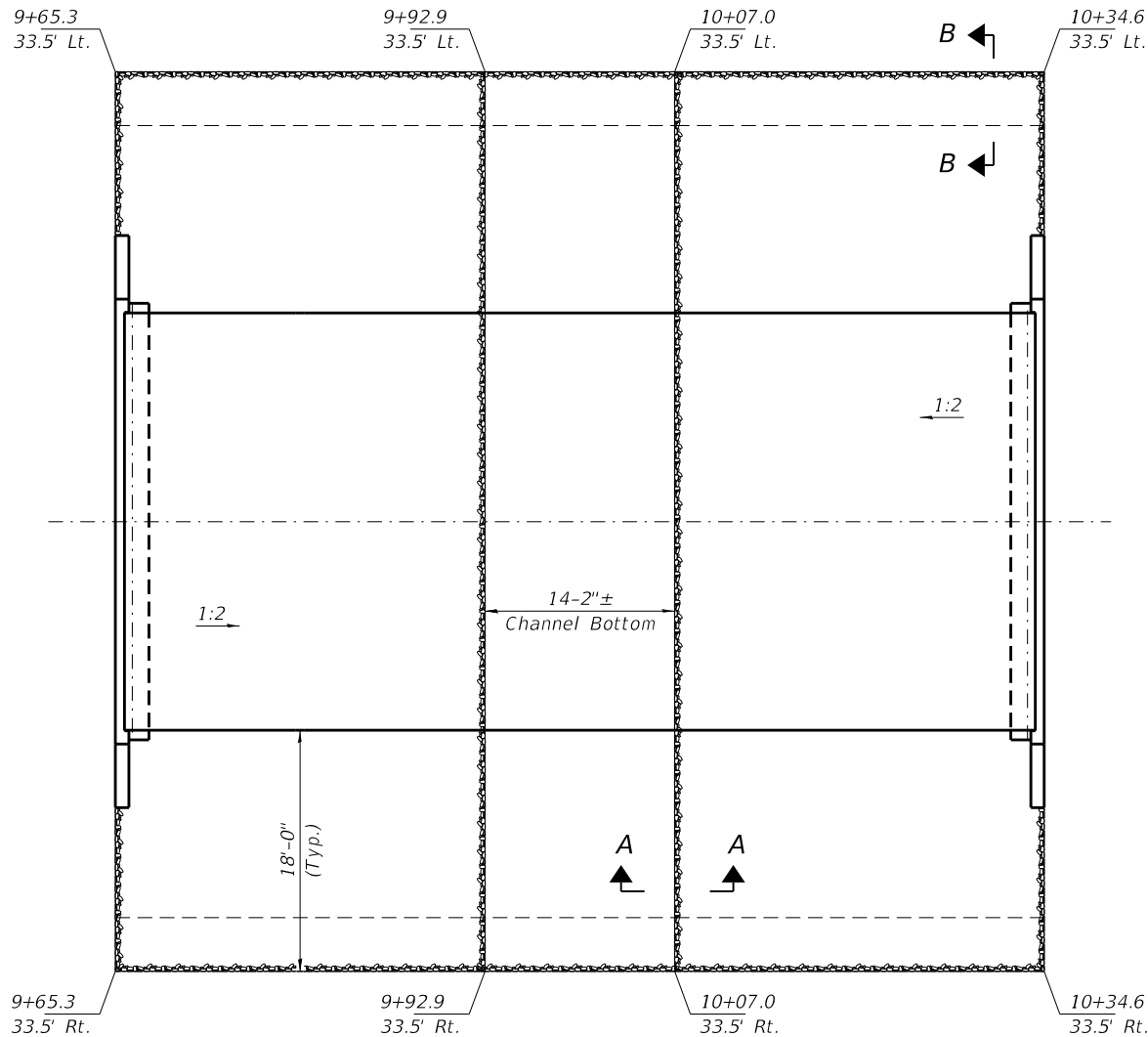
See Std. 515001



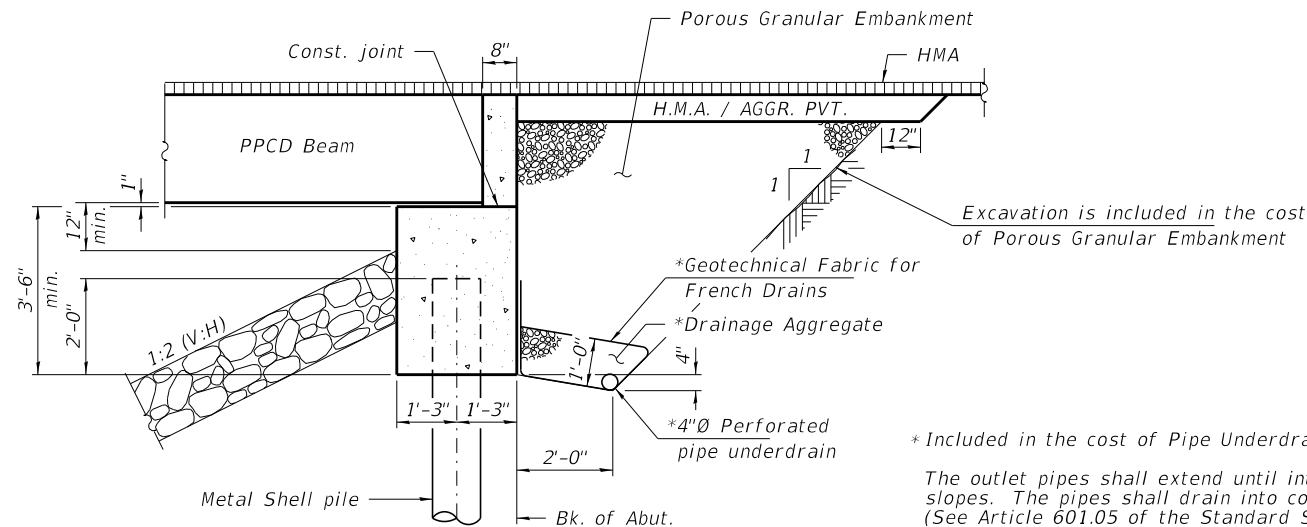
LOCATION SKETCH

GENERAL PLAN & ELEVATION
CH 6 / F.A.S. 515 / CLARENCE RD.
OVER SUGAR CREEK
SECTION 21-00145-00-BR
FORD COUNTY
STATION 10+00
STRUCTURE NO. 027-3469

FILE NAME = 230648-shi-brdige.dgn		USER NAME = rnosck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	GENERAL PLAN & ELEVATION STRUCTURE NO. 027-3469	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
 HAMPTON, LENZINI AND RENWICK, INC. 3045 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM I.R.P.F. & ASSOCIATES, P.C. ILLINOIS PROFESSIONAL DESIGN FIRM I.R.P.F. & ASSOCIATES, P.C.	PLOT SCALE = \$SCALES	CHECKED - S.T.M.	REVISED -	515			21-00145-00-BR	FORD	25	7	
	PLOT DATE = 01/03/2024	DRAWN - G.W.M.	REVISED -	C.H. 6 \ CLARENCE ROAD							
		CHECKED - S.D.M.	REVISED -	CONTRACT NO. 87890							
					SHEET NO. 1 OF 9 SHEETS						



RIPRAP LAYOUT



SECTION THRU ABUTMENT

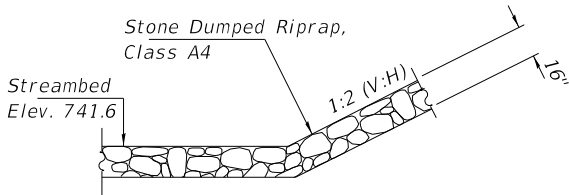
* Included in the cost of Pipe Underdrains for Structures 4".

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).

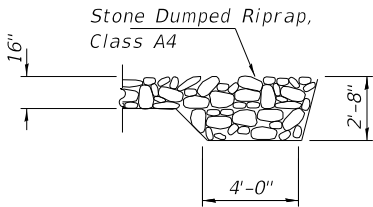
Concrete headwalls shall be included in the cost of Pipe Underdrains for Structures 4" and shall be installed at each pipe underdrain outlet. (4 each).

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 a production location at the South Abutment or approved by the Engineer before ordering the remainder of piles.
All bars to 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.



SECTION A-A



SECTION B-B

TOTAL BILL OF MATERIAL

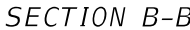
ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.			170
Porous Granular Embankment	Ton			170
Stone Dumped Riprap, Class A4	Ton			440
Hot-Mix Ashpalt Surface Course, IL-9.5, MIX "C" N50	Ton			26
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		31.8	31.8
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	2,040		2,040
Reinforcement Bars, Epoxy Coated	Pound		3,810	3,810
Steel Railing, Type SMX	Foot	138		138
Furnishing Metal Shell Piles 12"x0.250"	Foot		450	450
Driving Piles	Foot		450	450
Test Pile Metal Shells	Each		1	1
Name Plates	Each		1	1
Waterproofing Membrane System	Sq. Yd.	240		240
P.C. Mortar Fairing Course	Foot	153		153
Pipe Underdrains for Structures 4"	Foot		130	130



Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the post tensioned transverse tie diaphragms to miss the block outs for the post tensioned transverse ties.

SECTION B-B

(Showing dimensions)



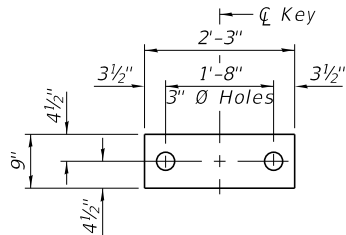
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.



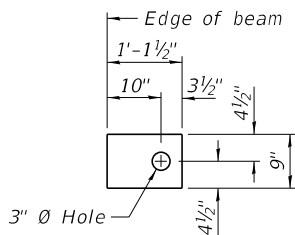
(For information only)

See sheet 4 & 5 of 9 for additional details and Bill of Material.

#3 bar = 1'-4'



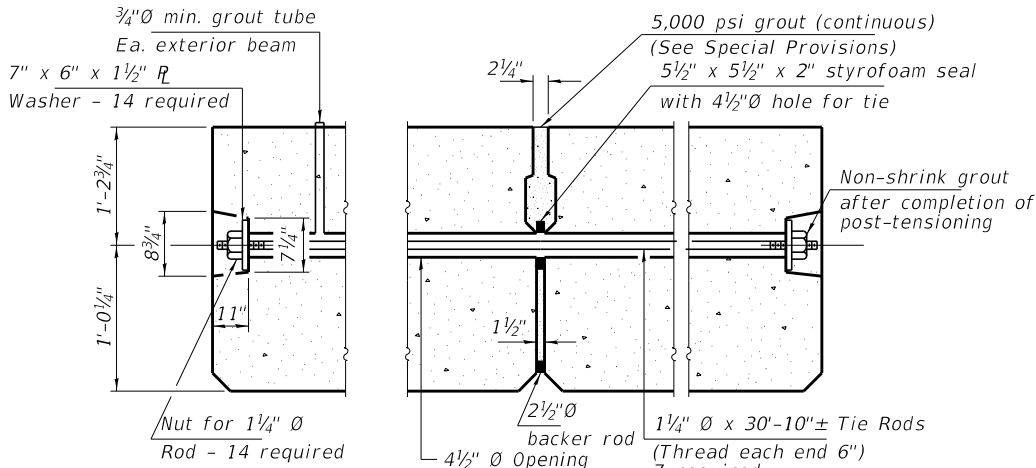
FABRIC BEARING PAD
(Interior - 18 req'd)



FABRIC BEARING PAD
(Exterior - 4 req'd)

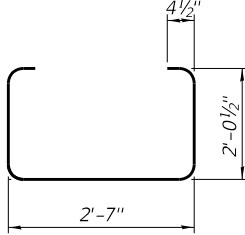
FIXED

Notes:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pads shall be bonded to the substructure.

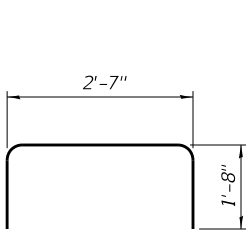


TYPICAL POST-TENSIONED TRANSVERSE TIE ASSEMBLY

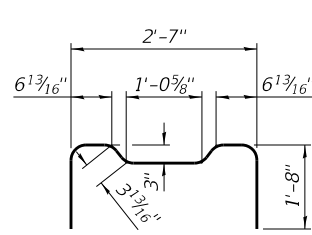
Cable strands or 1 1/4" Ø Threaded Bar tensioned to 120 kip max.
transfer stress (Lockoff) - See Special Provisions



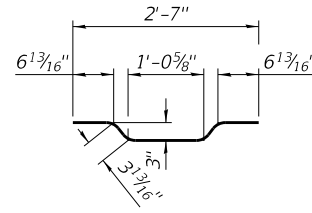
BAR S(E)



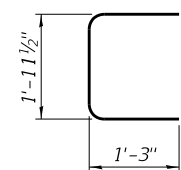
BAR S1(E)



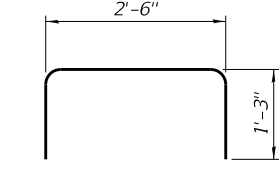
BAR S2(E)



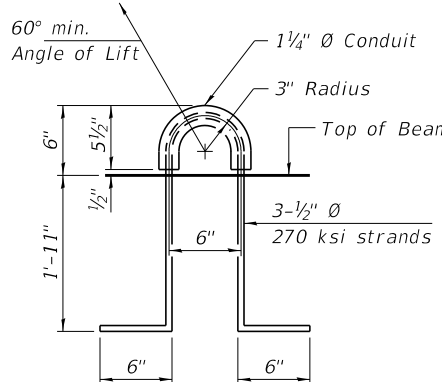
BAR A1(E)



BAR U(E)



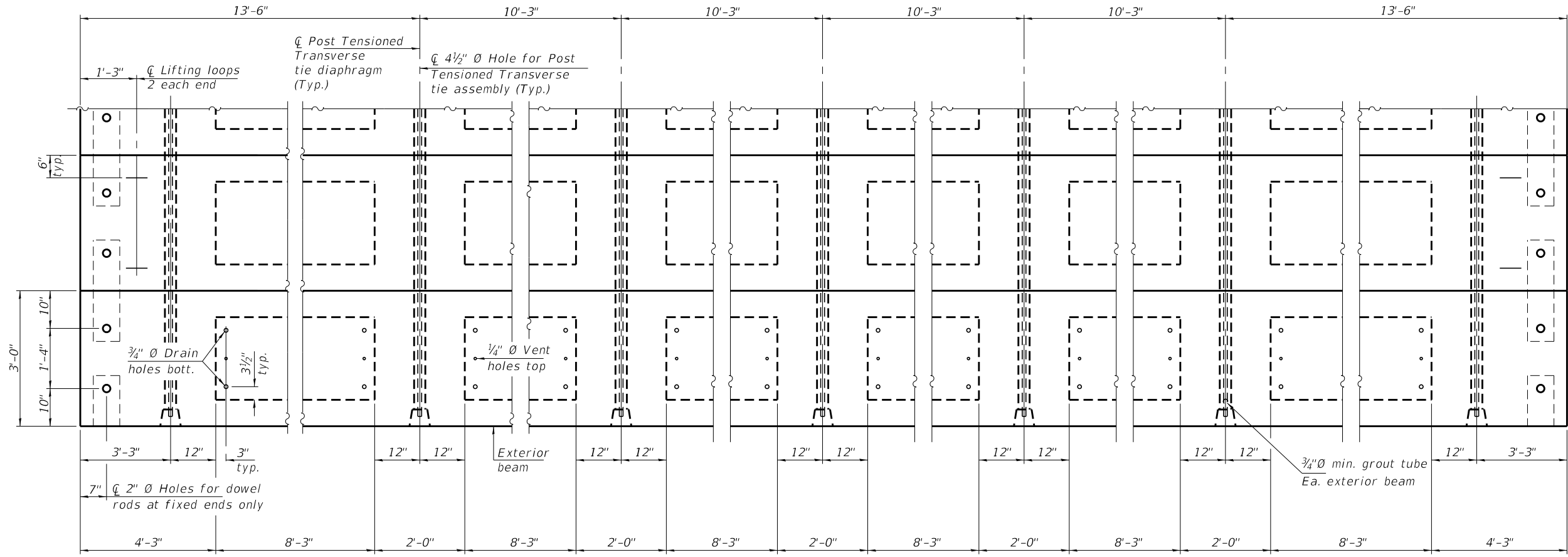
BAR U1(E)



LIFTING LOOP DETAIL

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (27" depth)	Sq. Ft.	2,040
--	---------	-------



NOTES

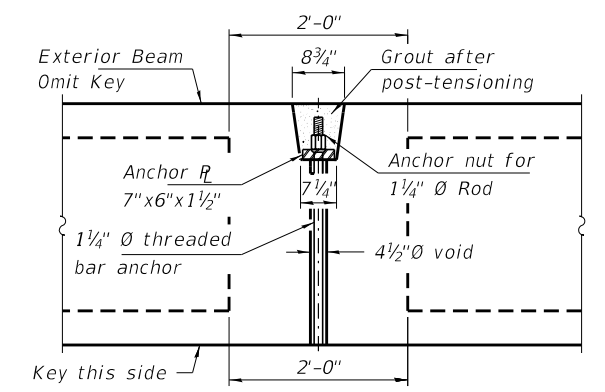
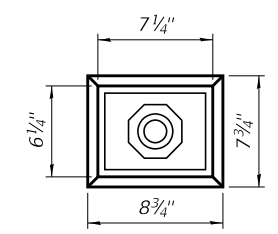
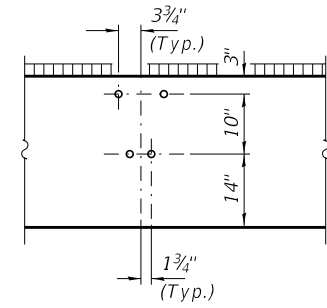
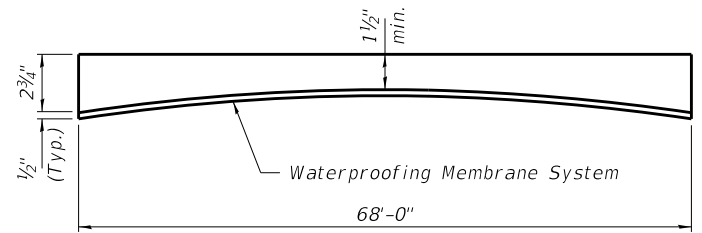
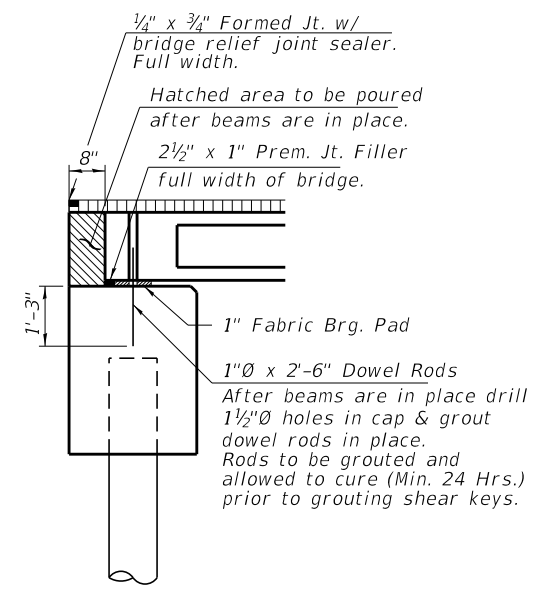
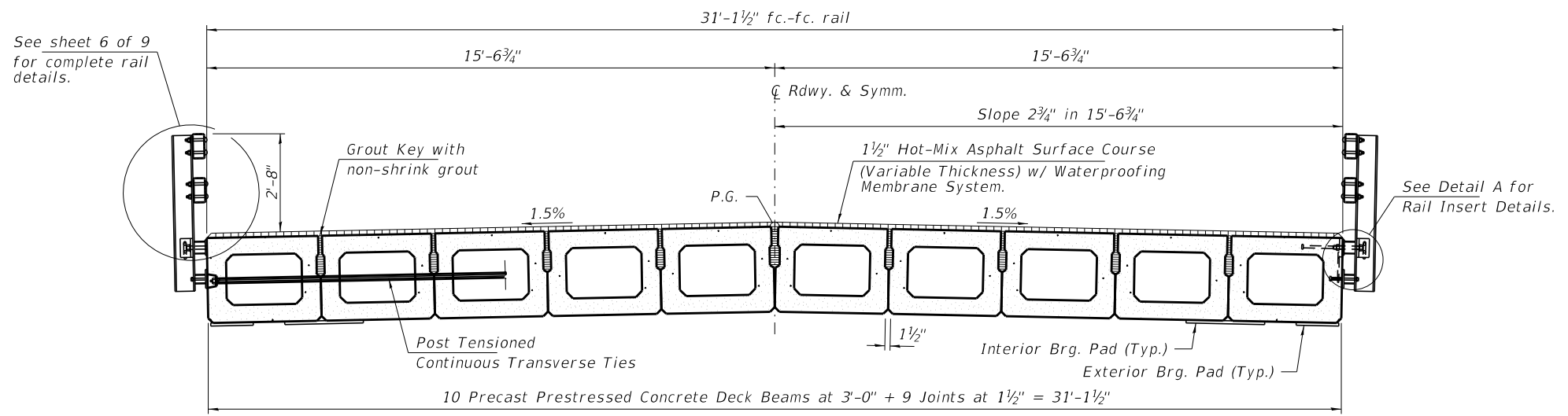
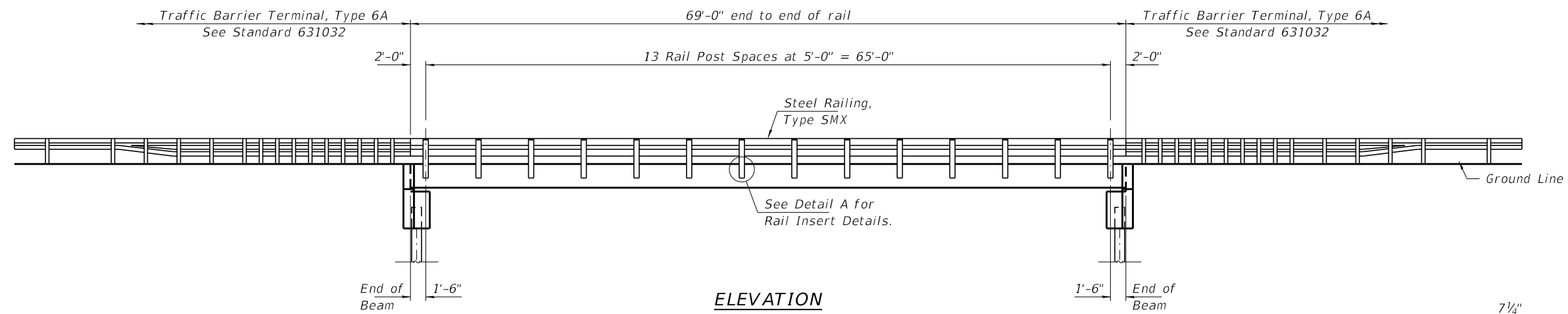
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270.
The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
The 1 1/4" Ø rods in the post tensioned transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after post tensioned 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" Ø 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 deck 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.

PLAN VIEW

PDD-2736-0

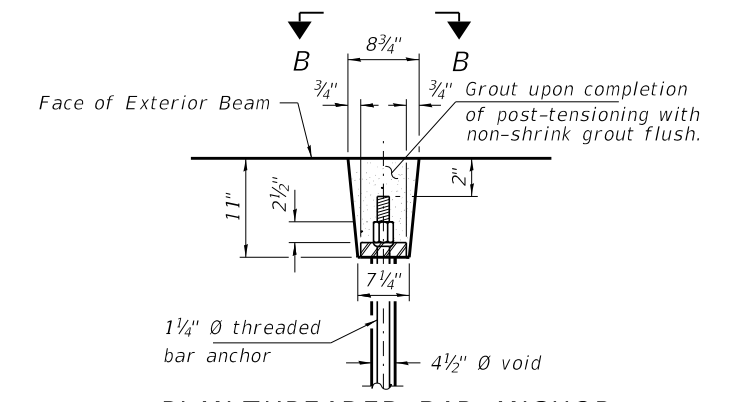
5-15-2023

FILE NAME = 230648-shl-bldge.dgn	USER NAME = rtholck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	27" x 36" PPC DECK BEAM DETAILS STRUCTURE NO. 027-3469	SHEET NO. 4 OF 9 SHEETS	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC.		CHECKED - S.T.M.	REVISED -				515	21-00145-00-BR	FORD	25	10
3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62710 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	DRAWN - G.D.M.	REVISED -				C.H. 6 \ CLARENCE ROAD		CONTRACT NO. 87890		
	PLOT DATE = 01/03/2024	CHECKED - S.W.M.	REVISED -				ILLINOIS	PROJECT NO. HB68(016)			



PLAN AT POST-TENSIONED TRANSVERSE TIE / CABLES

Note:
Contractor has the option to use Multi-strand cables for post tensioning.



FILE NAME = 230648-shi-bridge.dgn		USER NAME = rthosck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	SUPERSTRUCTURE DETAILS STRUCTURE NO. 027-3469	SHEET NO. 5 OF 9 SHEETS	F.A.S.	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 = \$SCALE\$	DRAWN - G.D.M.	REVISED -	515				21-00145-00-BR	FORD	25	11	
	PLOT DATE = 01/03/2024	CHECKED - S.W.M.	REVISED -	C.H. 6 \ CLARENCE ROAD				CONTRACT NO. 87890				
				ILLINOIS PROJECT NO. HB68(016)								

SECTION A-A

SECTION B-B

RAIL SPLICE ELEVATION

RAILING CRITERIA

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)	1¼ - 3¼

R-41HMAWS

4-4-2025

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 5/8"	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 13/16"
Over Finger or Modular Jt.	≤15"	8 1/4"	10 1/2"	10"	3'-8 1/4"	8 3/4"

$T =$; 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.**

ROUND HEAD BOLT DETAIL

VIEW C-C

Technical drawing of the TOP SPACER ASSEMBLY. The drawing shows a rectangular plate with a central rectangular hole. Dimensions are given in inches.

Overall dimensions: 11 1/2" wide by 5" high.

Central hole dimensions: 6" wide by 4" high.

Side holes: Two circular holes, each with a diameter of 1 1/8" Ø. The distance between the centers of these holes is 7 1/2".

Distances from edges to side holes: 2 3/4" from the left and right edges to the centers of the side holes. 2 1/2" from the top and bottom edges to the centers of the side holes.

Material: HSS 6 x 4 x 1/4.

Length: 3 1/2" long.

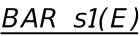
Corner fillet: 3/16" fillet at the top right corner.

Label: TOP SPACER ASSEMBLY

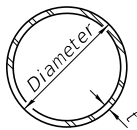
Technical drawing of a rectangular plate with a central rectangular hole. The plate has overall dimensions of 7" x 6". The hole has a width of 3 1/2" and a height of 3". The distance from the top edge of the plate to the top edge of the hole is 1 3/4". The distance from the bottom edge of the plate to the bottom edge of the hole is 1 1/2". The distance from the left edge of the plate to the left edge of the hole is 1 1/2". The distance from the right edge of the plate to the right edge of the hole is 1 1/2". The hole has rounded corners with a radius of 1/16". The plate is made of HSS 6 x 3 x 1/4", 3 3/8" long.

BILL OF MATERIAL

<i>Item</i>	<i>Unit</i>	<i>Quantity</i>
<i>Steel Railing, Type SMX</i>	<i>Foot</i>	<i>138</i>

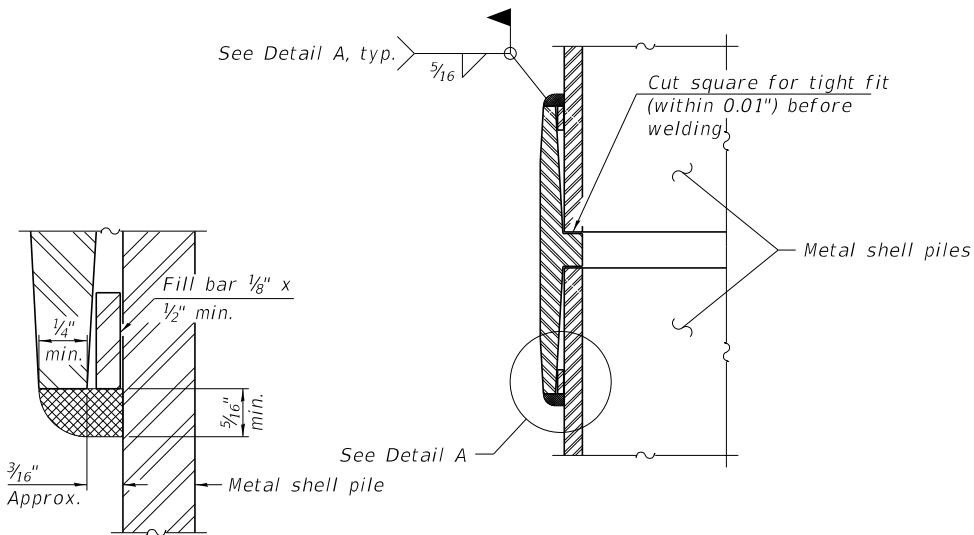


FILE NAME = 230648-shl-bridge.dgn		USER NAME = rhostck	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	ABUTMENTS STRUCTURE NO. 027-3469					F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703		CHECKED - S.T.M.	REVISED -	515		21-00145-00-BR	FORD	25	13						
PLOT SCALE = \$SCALE\$		DRAWN - G.W.M.	REVISED -	C.H. 61 CLARENCE ROAD					CONTRACT NO. 87890						
PLOT DATE = 01/03/2024		CHECKED - S.W.M.	REVISED -	SHEET NO. 7 OF 9 SHEETS					ILLINOIS PROJECT NO. HB68(016)						

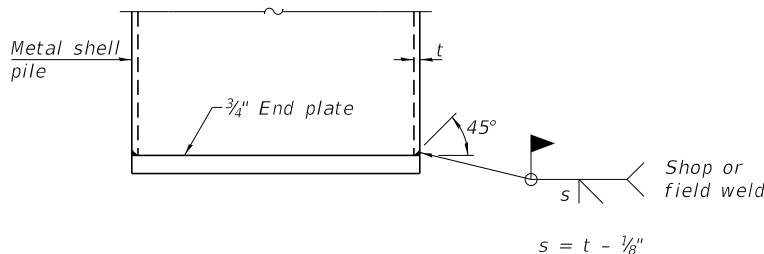


METAL SHELL PILE TABLE

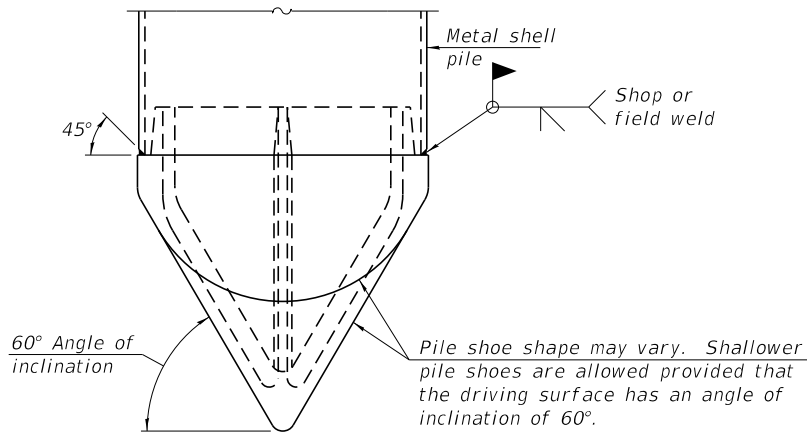
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A



END PLATE ATTACHMENT

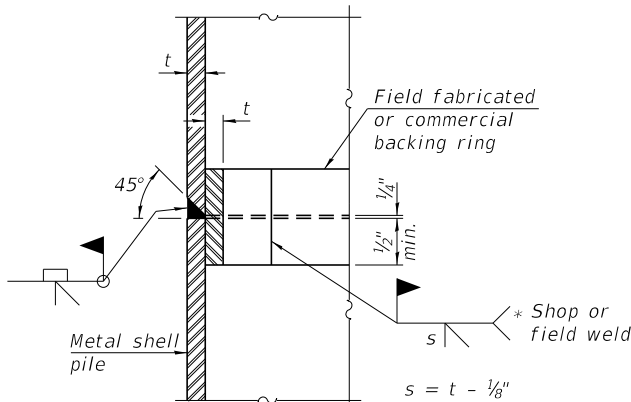


PILE SHOE ATTACHMENT

(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).

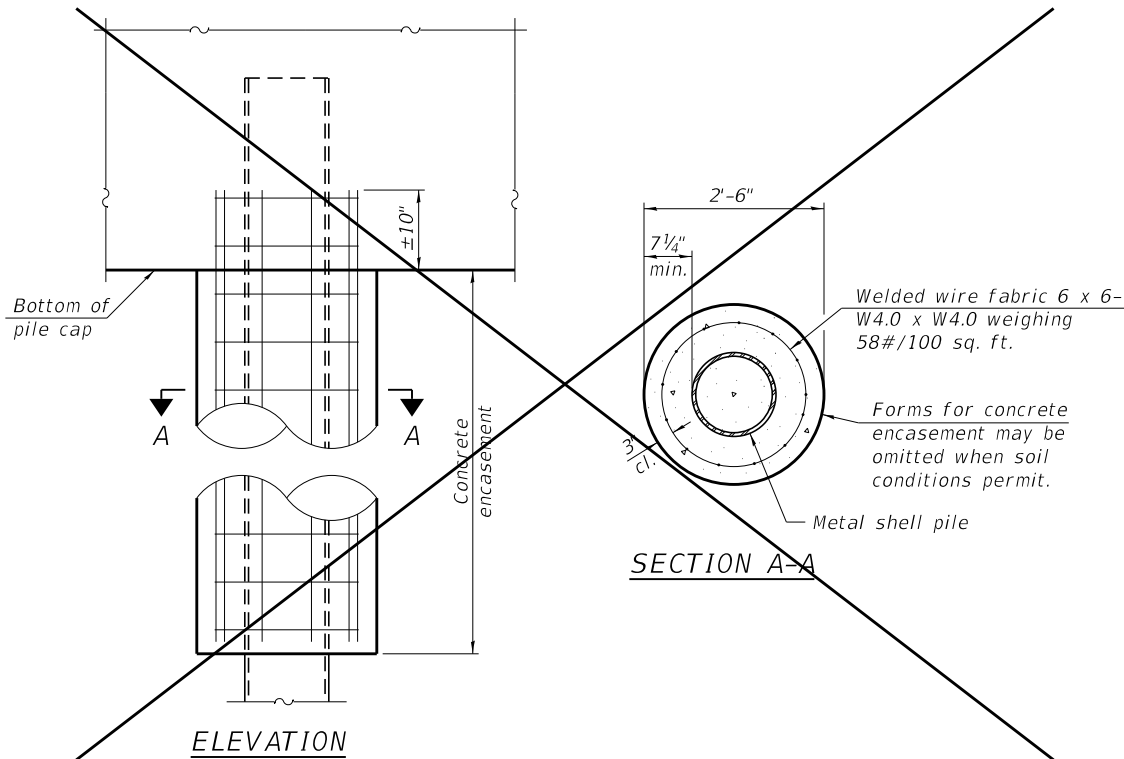
WELDED COMMERCIAL SPLICE

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.

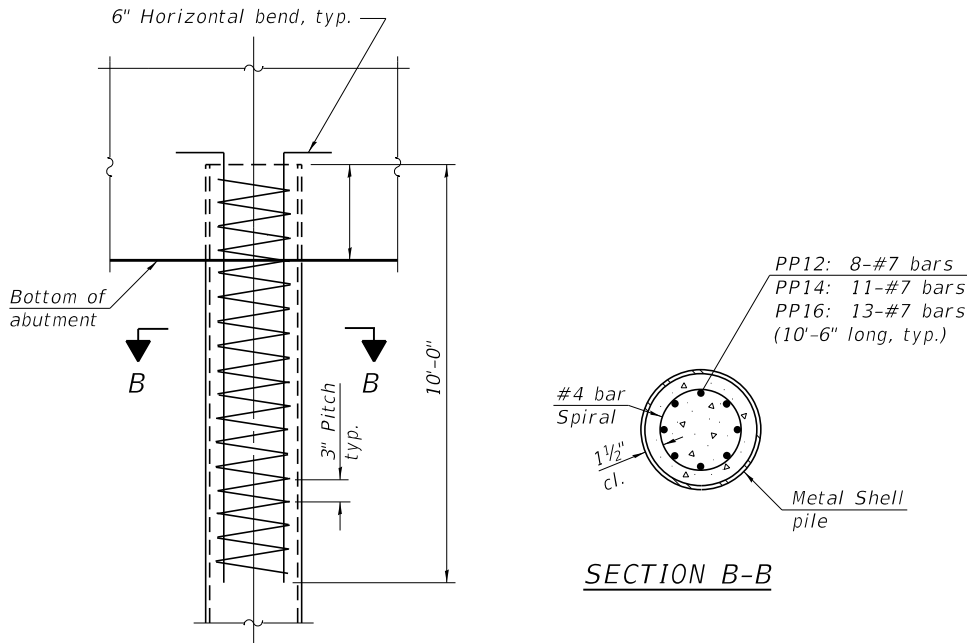


COMPLETE PENETRATION WELD SPLICE

* 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.



INDIVIDUAL PILE
CONCRETE ENCASEMENT
(When specified)



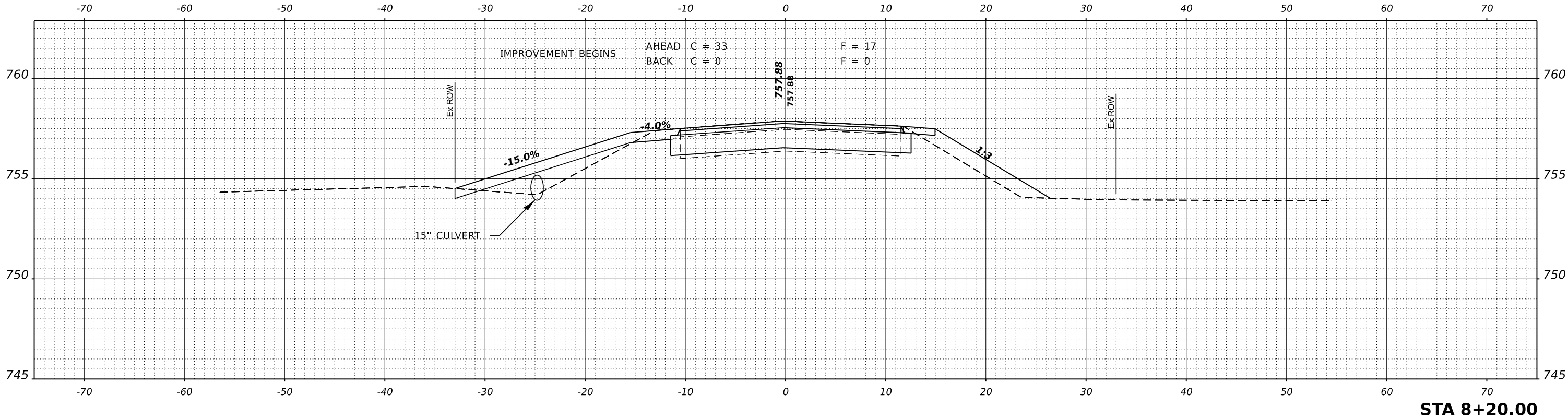
REINFORCEMENT AT ABUTMENTS
(Omit when concrete encasement is specified)

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

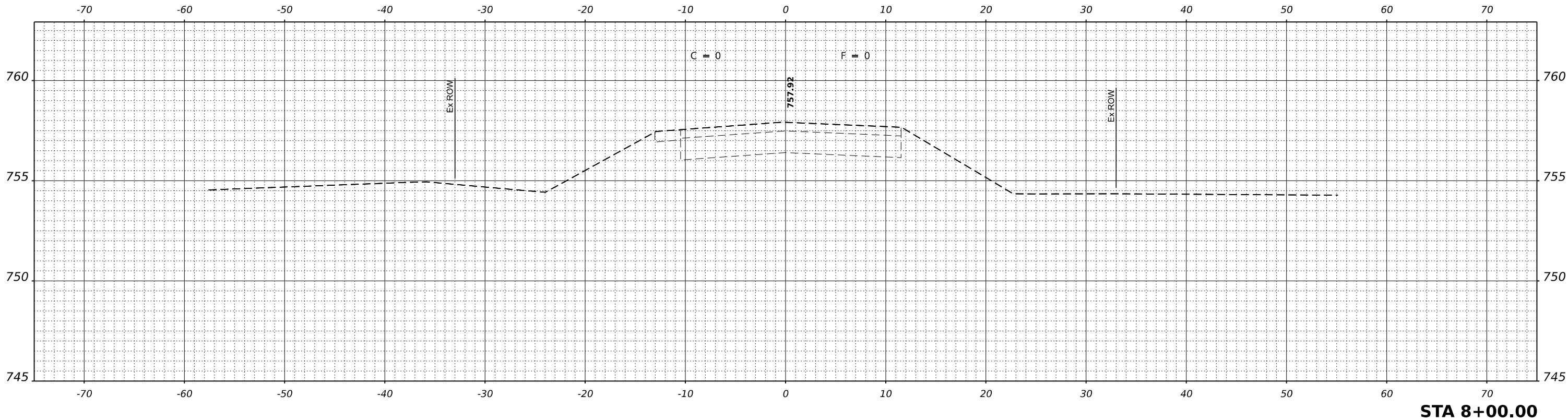
F-MS 4-4-2025

FILE NAME = 230648-shi-bridge.dgn	USER NAME = rthosick	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS FORD COUNTY HIGHWAY DEPARTMENT	METAL SHELL PILE DETAILS STRUCTURE NO. 027-3469	SHEET NO. 8 OF 9 SHEETS	F.A.S.	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 = \$SCALE\$	CHECKED - S.T.M.	REVISED -				515	21-00145-00-BR	FORD	25	14
PLOT DATE = 01/03/2024		DRAWN - G.D.M.	REVISED -				C.H. 6 \ CLARENCE ROAD			CONTRACT NO. 87890	
		CHECKED - S.W.M.	REVISED -				ILLINOIS	PROJECT NO. HB68(016)			

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



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



MODEL: \$MODELNAME\$
FILE NAME: 230645-317-xx.dgn

Hampton, Lenzini and Renwick, Inc.
Civil Engineers • Structural Engineers
Land Surveyors • Environmental Scientists
1707 N RANDALL RD. | SUITE 100
ELGIN, ILLINOIS 60120
847.697.6700 www.hlrengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	\$SCALE\$	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

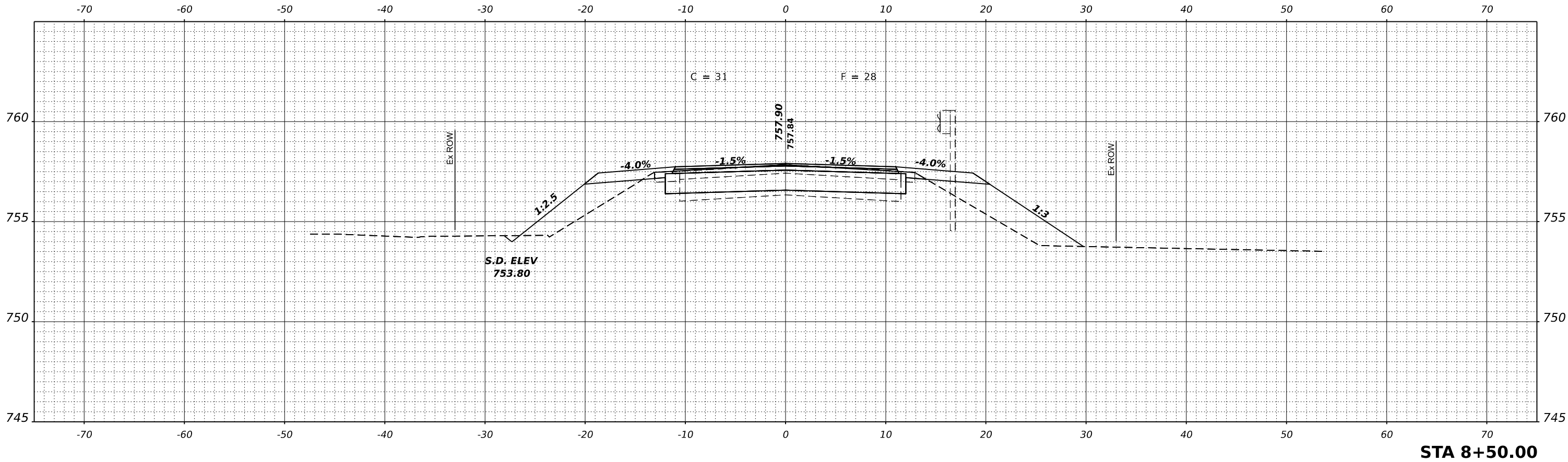
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

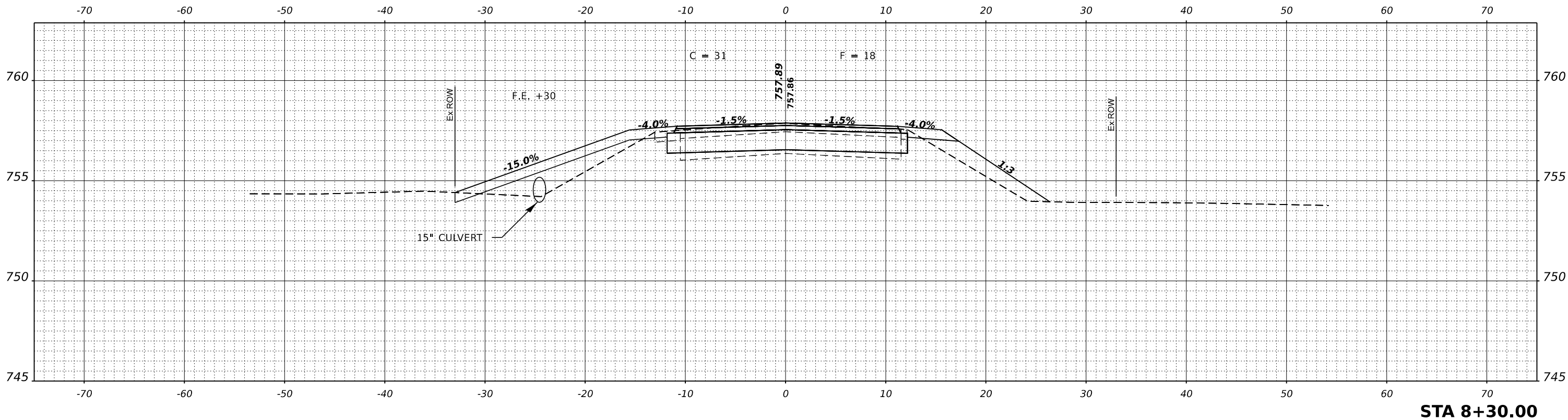
SCALE: 1V:5H SHEET 1 OF 10 SHEETS STA. 8+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	16
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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



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



MODEL: \$MODELNAME\$
FILE NAME: 230445-STR-xx.dgn

Hampton, Lenzini and Renwick, Inc.
Civil Engineers - Structural Engineers
Land Surveyors - Environmental Services
1707 N RANDALL RD. | SUITE 100
ELGIN, ILLINOIS 60120
847.697.6700 www.hlrengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / R.E. CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
DRAWN	J.B.L.	REVISIONS	-	REVISIONS	-
PLOT SCALE	\$SCALE\$	CHECKED	S.W.M.	REVISIONS	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISIONS	-

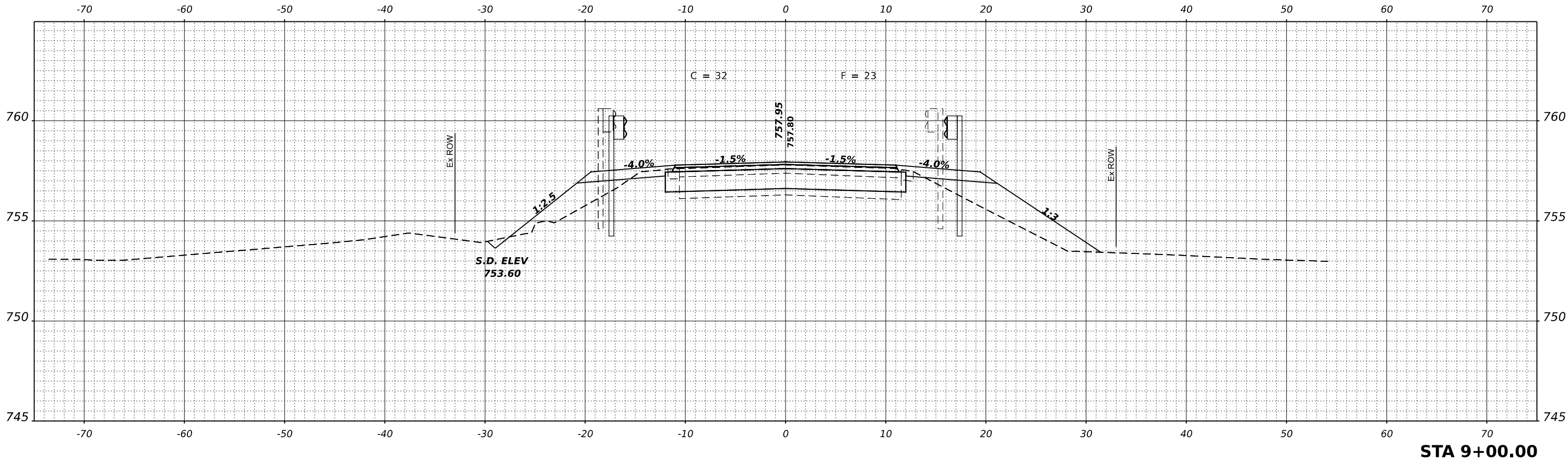
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

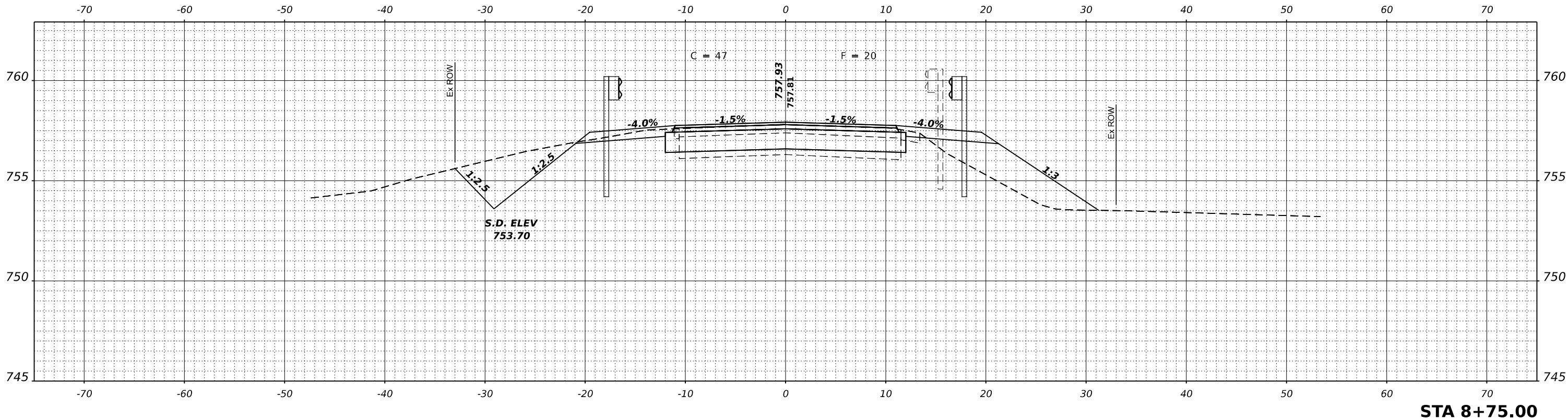
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F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	17
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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



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



MODEL: \$MODELNAME\$
FILE NAME: 230445-317-ss.dgn

Hampton, Lenzini and Renwick, Inc.
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Land Surveyors - Environmental Scientists
1707 N RANDALL RD. | SUITE 100
ELGIN, ILLINOIS 60120
847.697.6700 www.hlrengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	\$SCALE\$	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

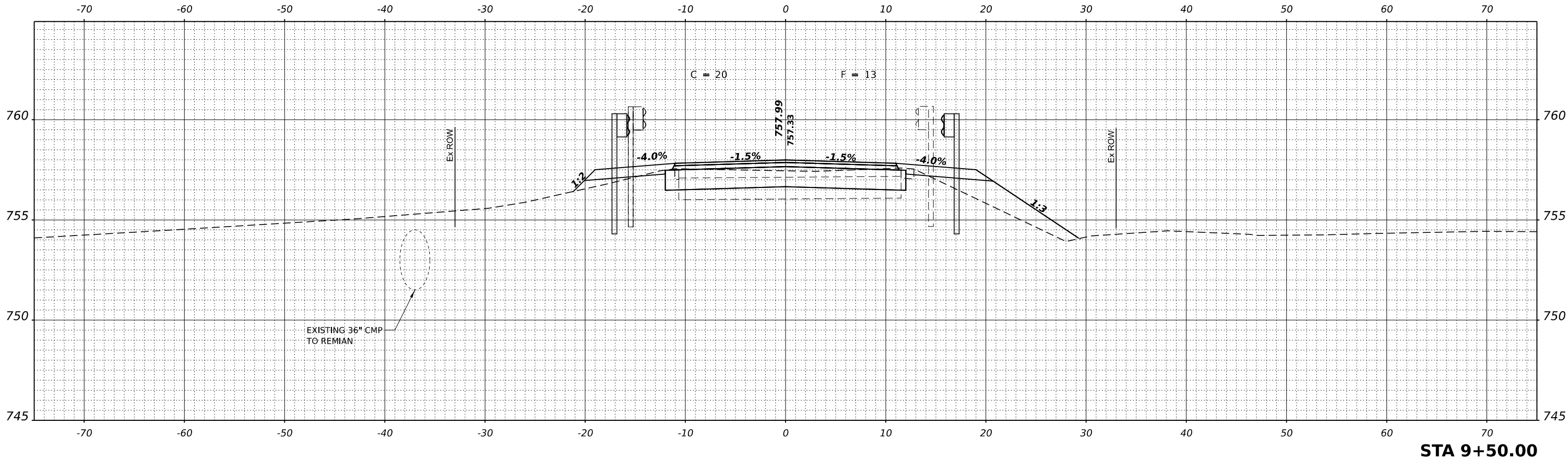
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

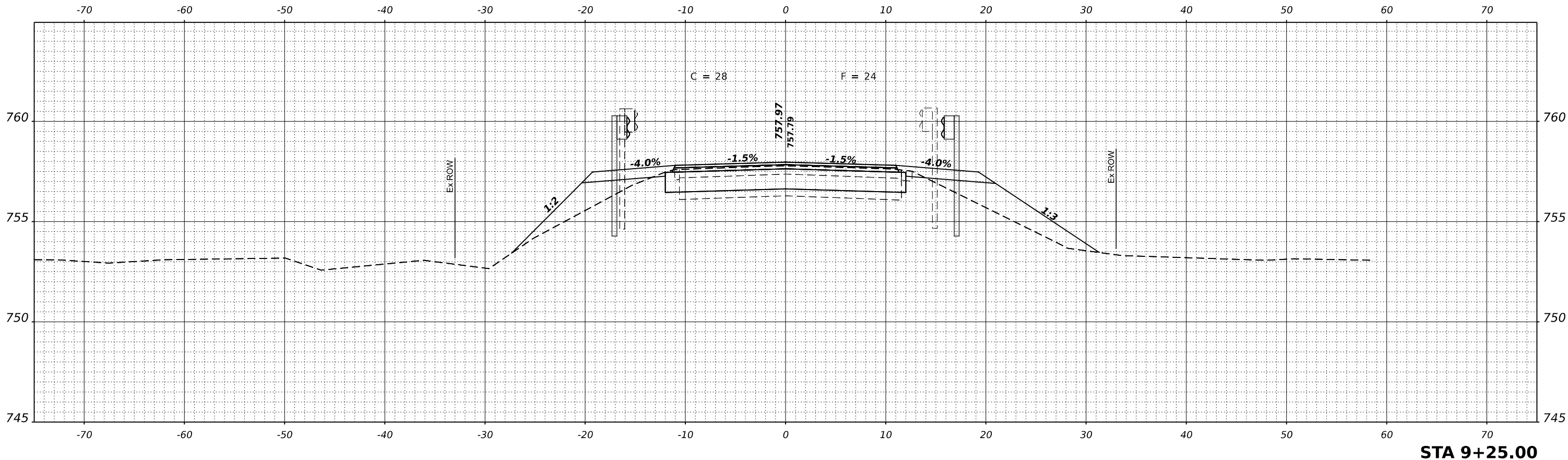
SCALE: 1V:5H SHEET 3 OF 10 SHEETS STA. 8+75.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	18
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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



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



MODEL: \$MODELNAME\$
FILE NAME: 230445-317-ss.dgn

Hampton, Lenzini and Renwick, Inc.
Civil Engineers • Structural Engineers
Land Surveyors • Environmental Scientists
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ELGIN, ILLINOIS 60120
TEL: 847.697.6700 | WWW.HLRENGINEERING.COM
ILLINOIS PROFESSIONAL DESIGN FIRM (S) / P.E. / S.E. CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	1"=50'	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

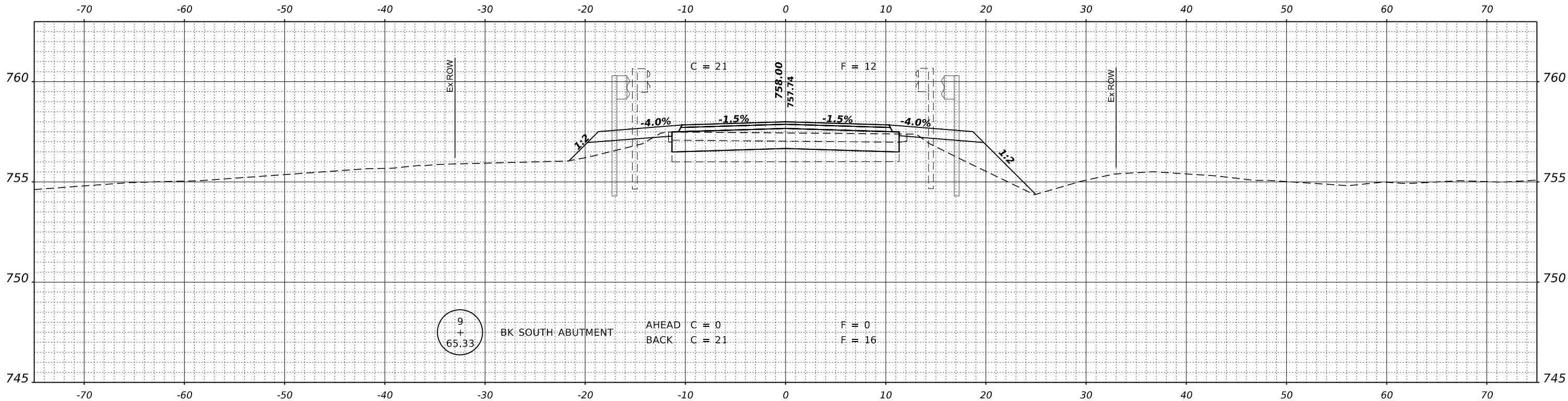
CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

SCALE: 1V:5H SHEET 4 OF 10 SHEETS STA. 9+25.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	19
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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



STA 9+64.00

MODEL \$MODELNAME\$
FILE NAME: 230445-STR-xx.dgn



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ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	
		DRAWN	J.B.L.	REVISED	
PLOT SCALE	SCALE	CHECKED	S.W.M.	REVISED	
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	

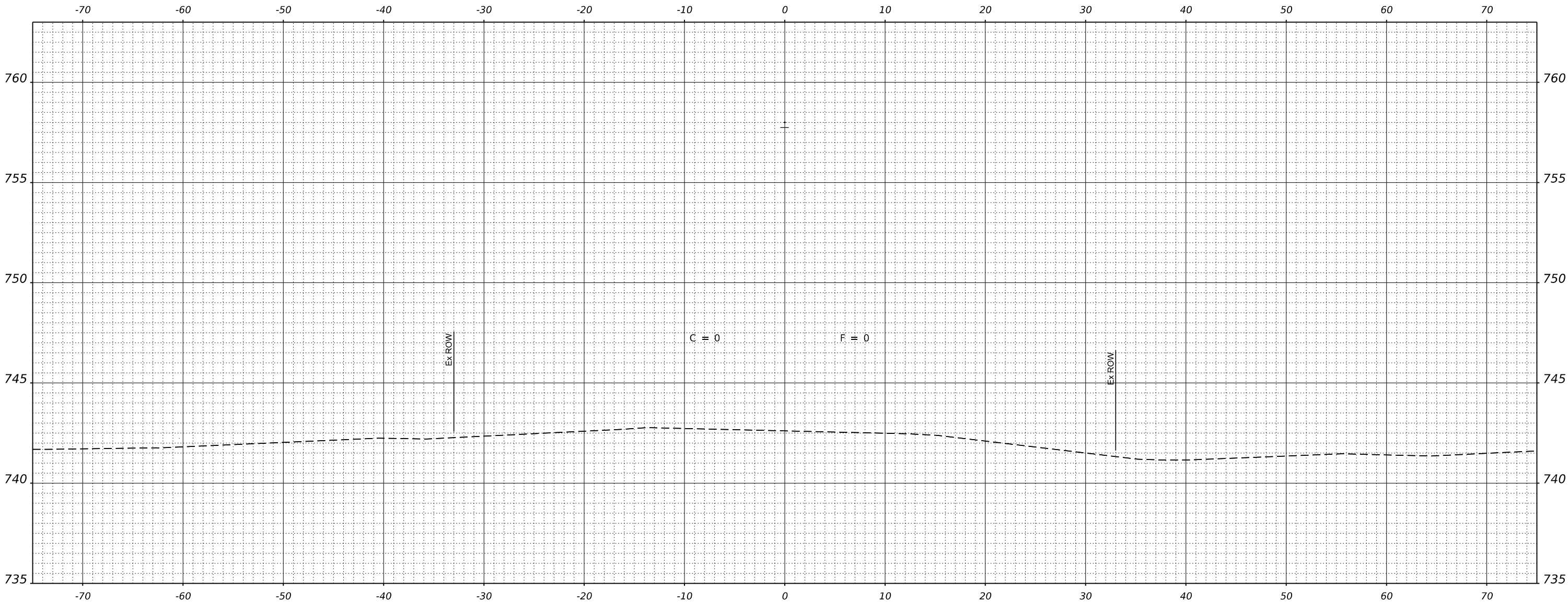
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS C.H. 6 / CLARENCE ROAD			
SCALE: 1V:5H	SHEET 5	OF 10 SHEETS	STA. 9+64.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	20
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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

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



STA 10+00.00

MODEL \$MODELNAME\$
FILE NAME: 230445-01P-rs.dgn

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ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	
		DRAWN	J.B.L.	REVISED	
PLOT SCALE	1"=50'	CHECKED	S.W.M.	REVISED	
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	

STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

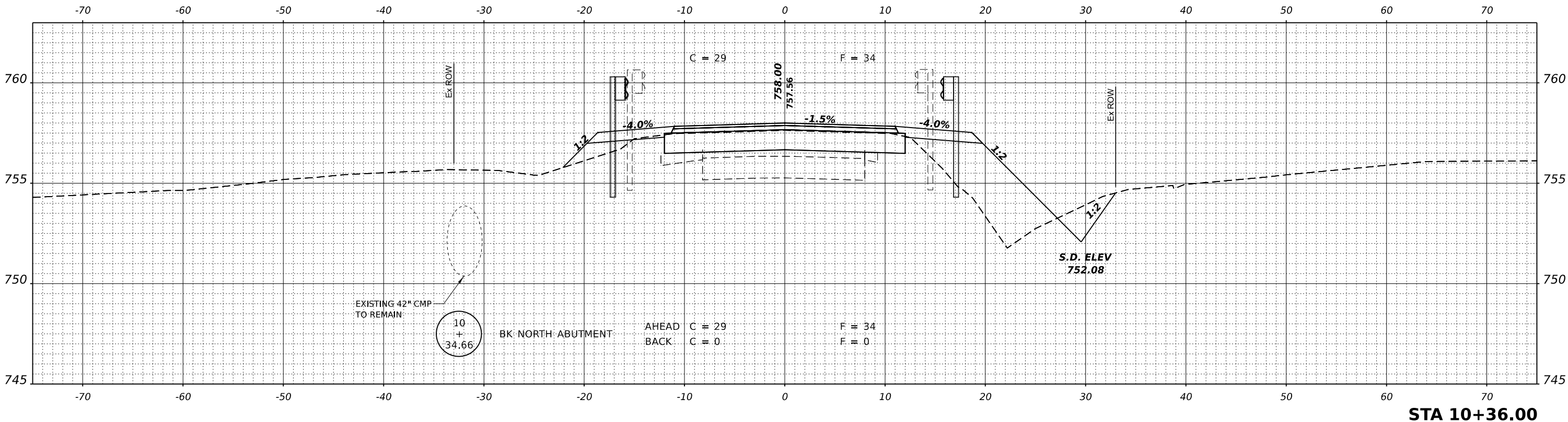
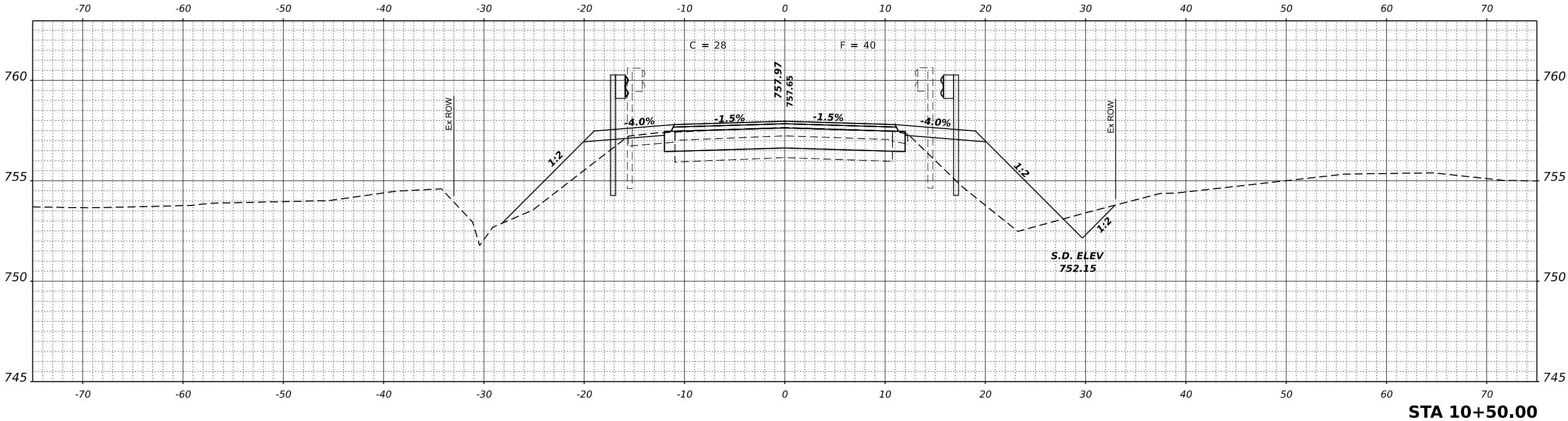
CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

SCALE: 1V:5H SHEET 6 OF 10 SHEETS STA. 10+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	21
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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

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



MODEL: \$MODELNAME\$
FILE NAME: 230445-017-xx.dgn

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ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	\$SCALE\$	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

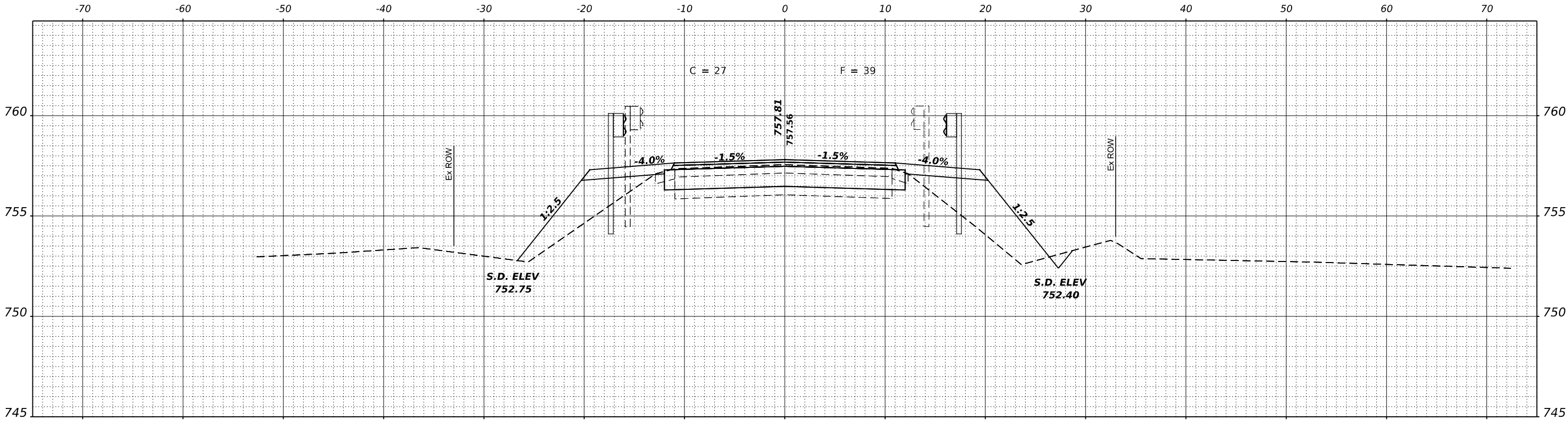
CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

SCALE: 1V:5H SHEET 7 OF 10 SHEETS STA. 10+36.00

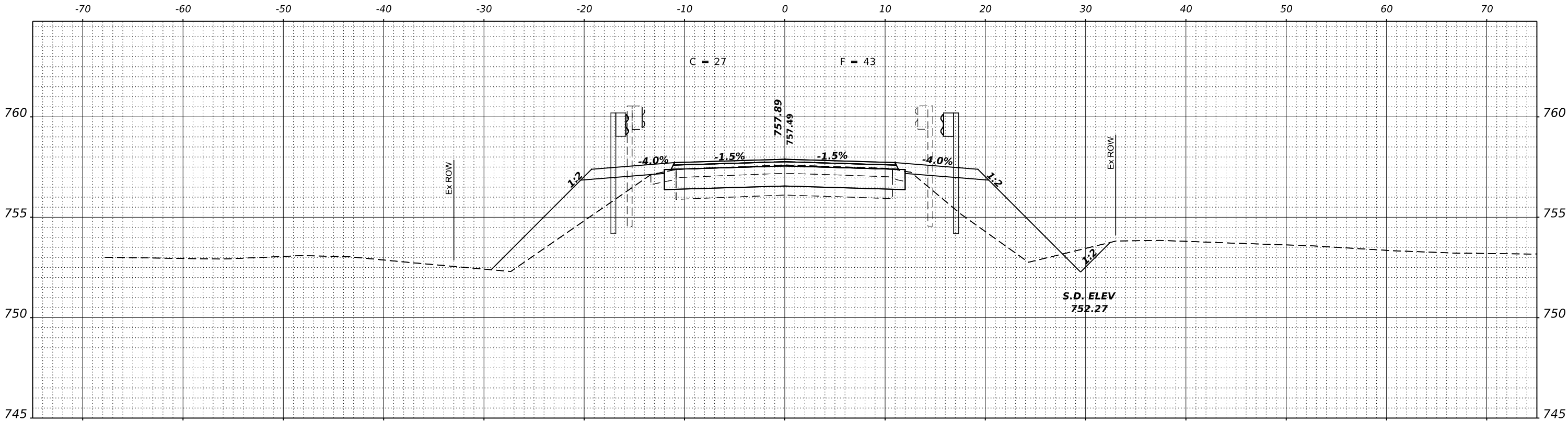
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	22
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
ILLINOIS		FED. AID PROJECT HB68(016)		

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

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



STA 11+00.00



STA 10+75.00

MODEL: \$MODELNAME\$
FILE NAME: 230445-317-ss.dgn

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USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	1"=50'	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

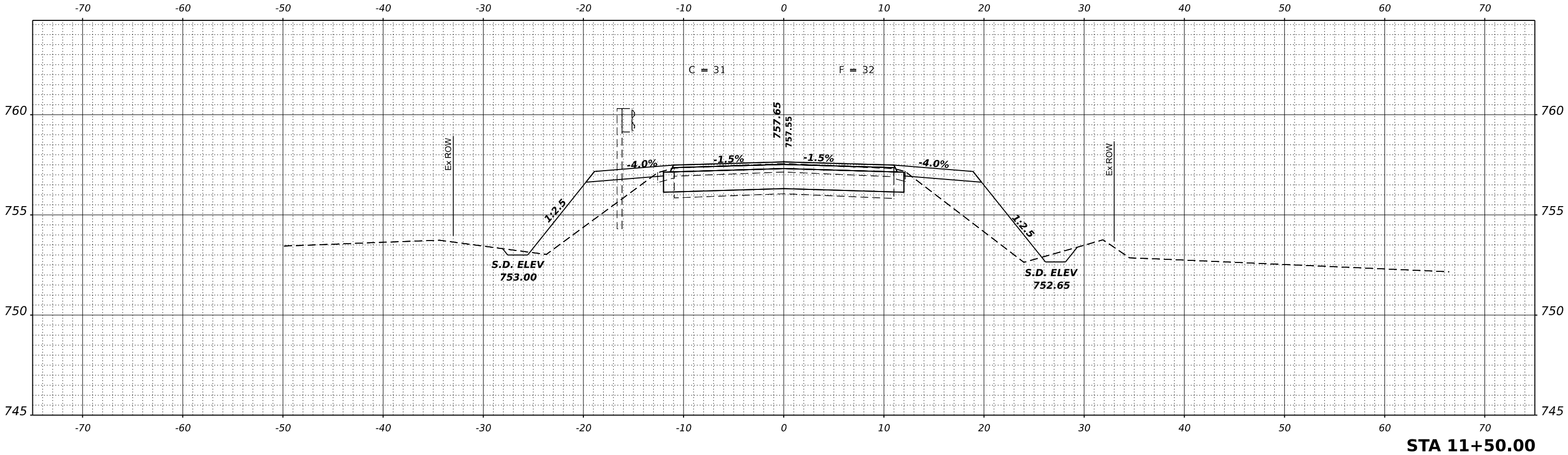
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

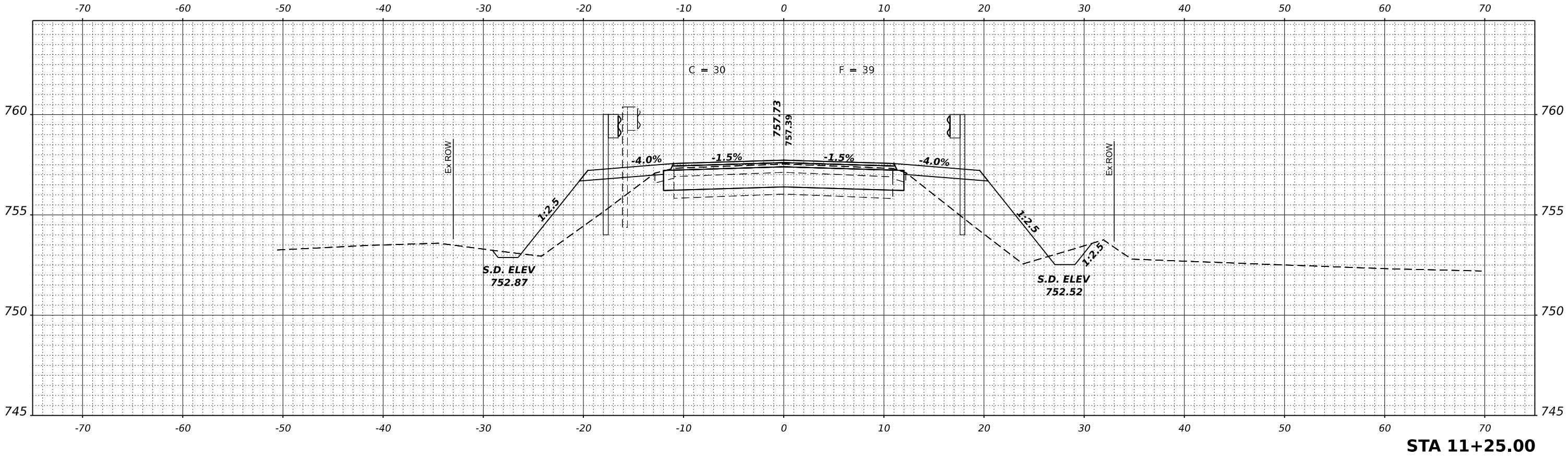
SCALE: 1V:5H SHEET 8 OF 10 SHEETS STA. 10+75.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	23
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	DATE	BY



ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	DATE	BY



MODEL: \$MODELNAME\$
FILE NAME: 230445-31P-rs.dgn

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USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	1"=50'	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

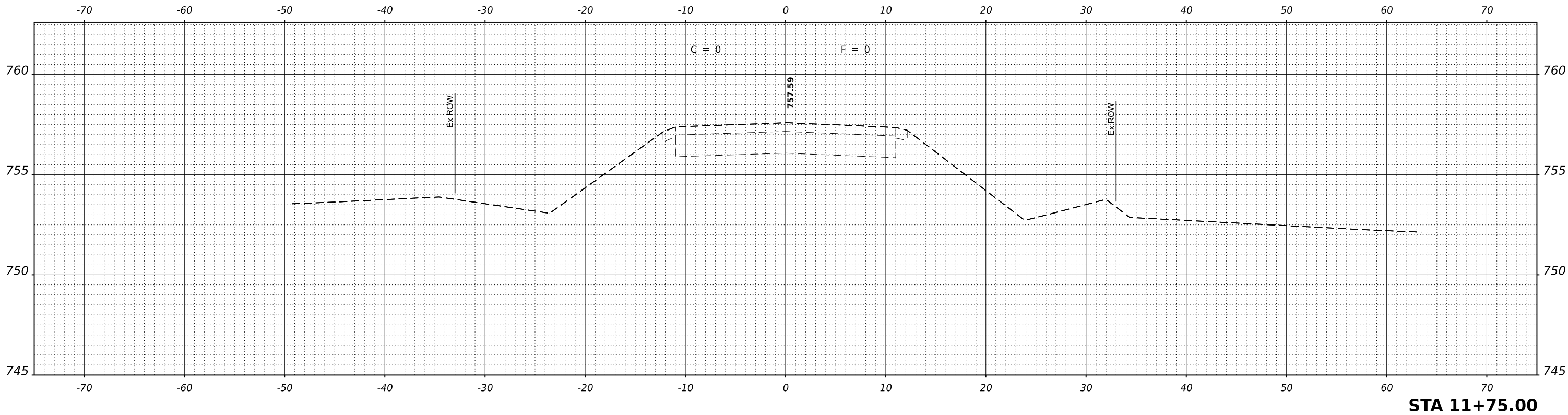
STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

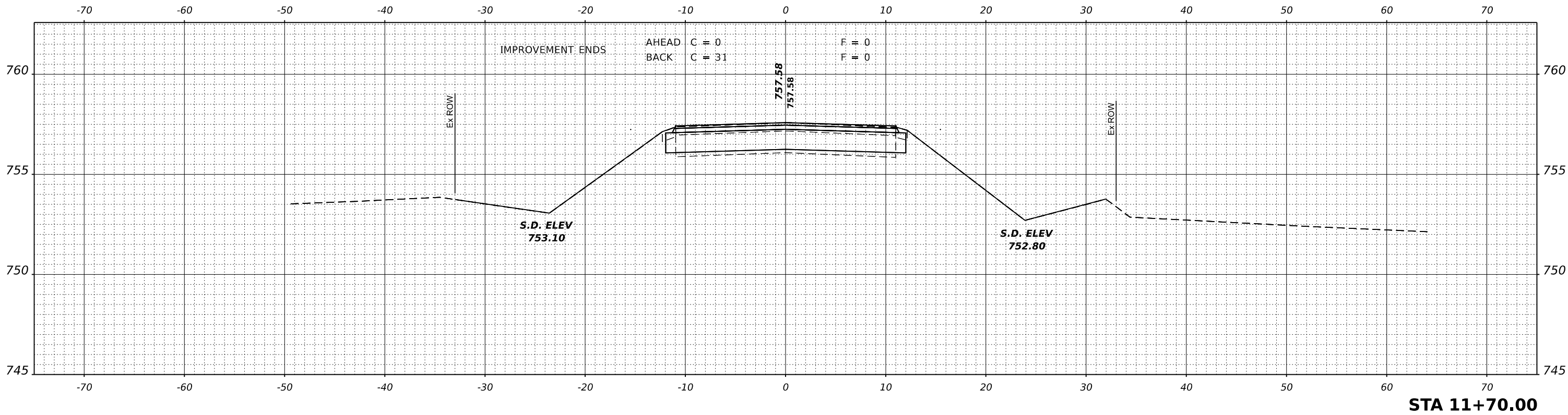
SCALE: 1V:5H SHEET 9 OF 10 SHEETS STA. 11+25.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	24
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	

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



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



MODEL \$MODELNAME\$
FILE NAME: 230645-01P-rs.dgn

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USER NAME	rhosick	DESIGNED	J.W.F.	REVISED	-
		DRAWN	J.B.L.	REVISED	-
PLOT SCALE	\$SCALE\$	CHECKED	S.W.M.	REVISED	-
PLOT DATE	01/03/2024	DATE	02/13/2025	REVISED	-

STATE OF ILLINOIS
FORD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS
C.H. 6 / CLARENCE ROAD

SCALE: 1V:5H SHEET 10 OF 10 SHEETS STA. 11+70.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
515	21-00145-00-BR	FORD	25	25
C.H. 6 / CLARENCE ROAD		CONTRACT NO. 87890		
		ILLINOIS	FED. AID PROJECT HB68(016)	