

06/17/2022 LETTING ITEM 212

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED BRIDGE REPLACEMENT STP-BRIDGE

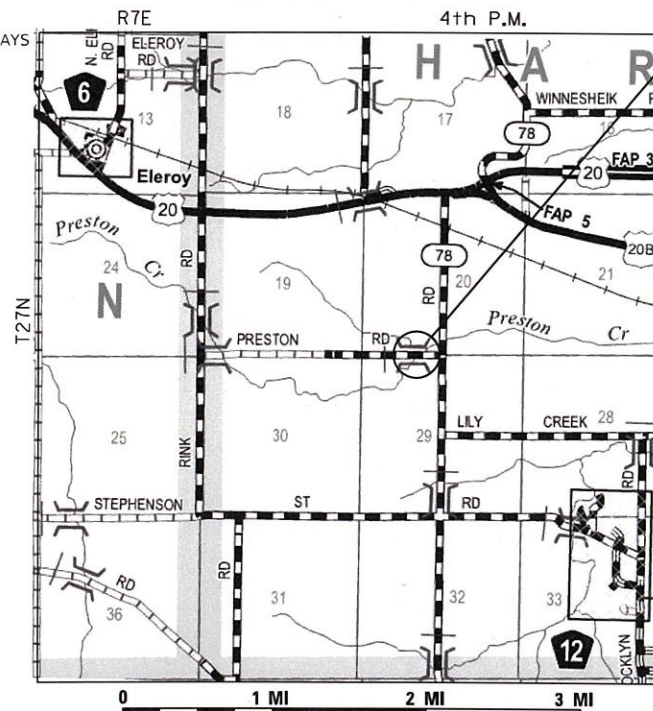
**TR 199 (WEST PRESTON ROAD) OVER PRESTON CREEK
SECTION 20-06122-00-BR
STEPHENSON COUNTY
PROJECT NO. FIUZ(640)**



FUNCTIONAL CLASSIFICATION = LOCAL ROAD
ADT = 50
DESIGN SPEED = 30 MPH
3R GUIDELINES

APPROVED	<i>4/12/22</i> <i>Dal R</i>	20 22
	COUNTY ENGINEER	
APPROVED	<i>4/13/22</i> <i>[Signature]</i>	20 22
	ROAD COMMISSIONER	
PASSED	<i>April 15</i>	20 22
	<i>Tony Beratta S.W.K.</i>	
	DISTRICT TWO ENGINEER OF LOCAL ROADS AND STREETS	
Released For Bid Based on Limited Review	<i>April 15</i>	20 22
	<i>Masoud Ahmed S.W.K.</i>	
	REGION TWO ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

JOB NO. C-92-044-21



PROPOSED
SECTION 20-06122-00-BR
BEGINS STA. 7+70.00
ENDS STA. 12+80.00
EXIST. SN 089-3150
PROP. SN 089-3296

UTILITY COMPANIES:

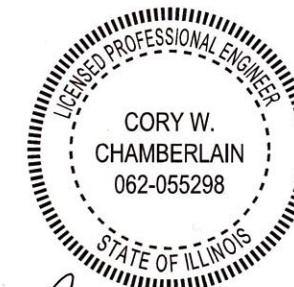
COMED
210 W. WATER ST.
PONTIAC, 61764
PHONE: (630)-576-7094
CONTACT: DESIGN STAGE LOCATE LINE

FRONTIER COMMUNICATIONS
109 E. MARKET ST.
BLOOMINGTON, IL 61701
PHONE: (815) 895-1515
CONTACT: KALIN HINSHAW

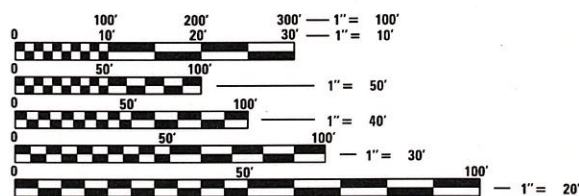
LOCATION MAP

TOTAL LENGTH = 510.00 FEET (0.097 MI)
NET LENGTH = 510.00 FEET (0.097 MI)

THE WORK CONSISTS OF REMOVING THE EXISTING BRIDGE AND CONSTRUCTING A NEW STRUCTURE (S.N. 089-3296) AT STA. 10+00.00 WITH A SINGLE-SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE ON CONCRETE PILE BENT ABUTMENTS, 24'-0" CLEAR ROADWAY WIDTH AND 57'-10" BACK TO BACK OF ABUTMENTS, 0° SKEW, VARIABLE WIDTH TRANSITION APPROACHES AND OTHER COLLATERAL WORK.



Cory W. Chamberlain
Expires: 11/30/2023 4-7-22



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

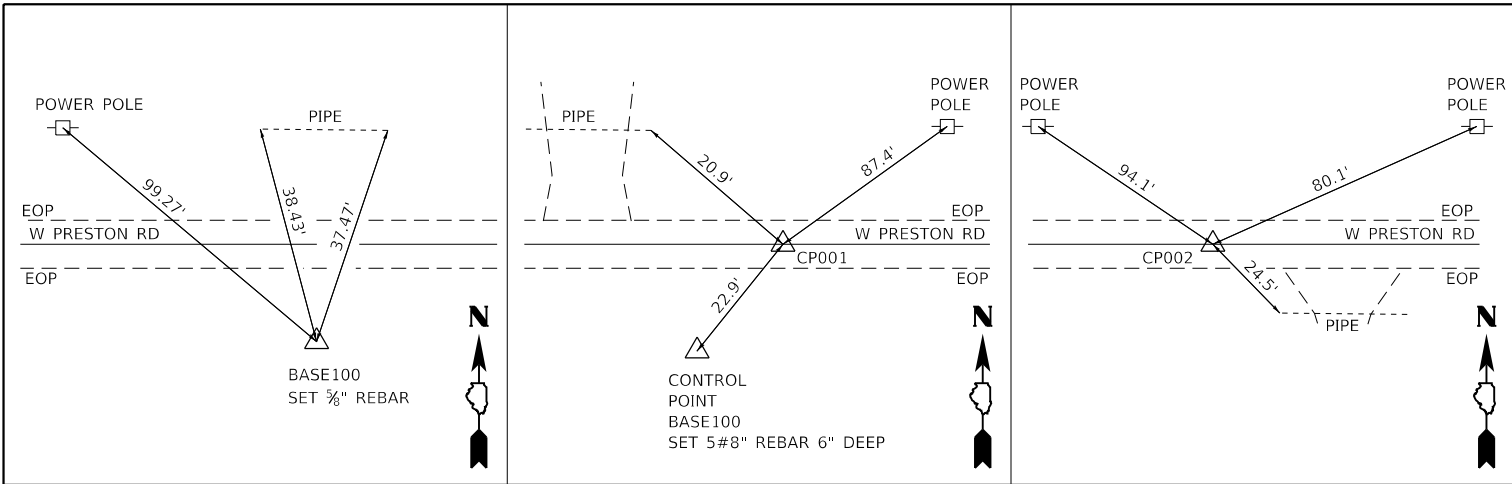
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT MANAGER: CORY W. CHAMBERLAIN, P.E., S.E.

CONTRACT NO. 85722



Operator: g.jamerson Date: 4/12/2022 File names: C:\SP\WHKS & CD\Jobs\Spring - Projects\Stephenson County\9189 - Preston Rd Bridge\CADD\CAD_Sheets\9189-ahc-cover.dgn



CONTROL POINT BASE100

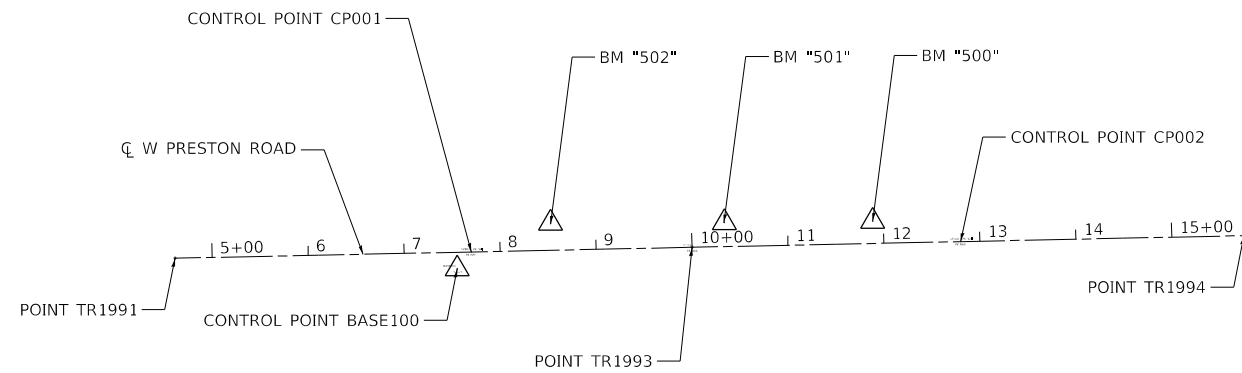
SET 3/8" REBAR 6" DEEP
 STA. 7+54.99, 17.32' RT
 N 2,057,440.972
 E 2,416,326.424

CONTROL POINT CP001

SET PK NAIL IN ROAD
 STA. 7+70.00, 0.00' RT
 N 2,057,458.607
 E 2,416,341.068

CONTROL POINT CP002

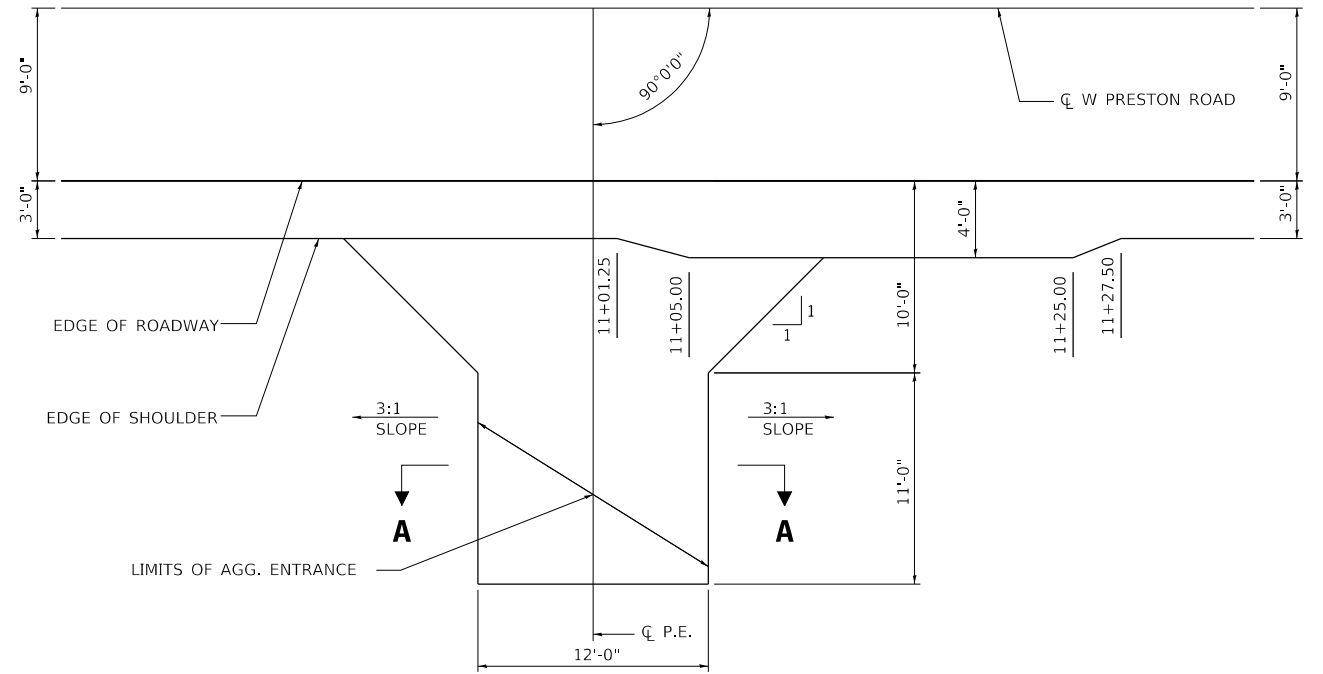
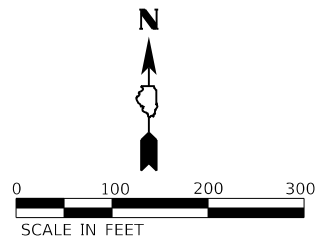
SET PK NAIL IN ROAD
 STA. 12+80.00, 0.00' RT
 N 2,057,469.393
 E 2,416,850.954



BM "500"
 STA. 11+88.82, 23.07' LT
 RAIL ROAD SPIKE IN SOUTH SIDE OF POWER POLE
 ELEV. = 792.537

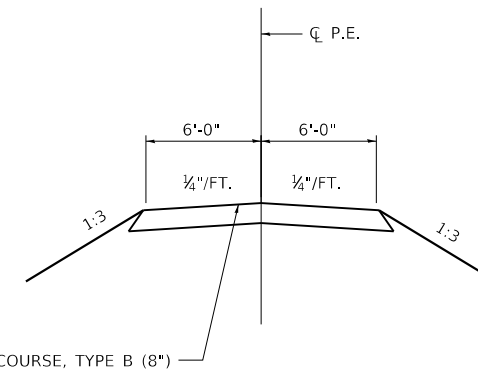
BM "501"
 STA. 10+33.85, 24.70' LT
 RAIL ROAD SPIKE IN SOUTH SIDE OF POWER POLE
 ELEV. = 792.446

BM "502"
 STA. 8+53.11, 27.07' LT
 RAIL ROAD SPIKE IN SOUTH SIDE OF POWER POLE
 ELEV. = 792.677



P.E. ENTRANCE

RT. STA. 11+00.00



SECTION A-A

Beginning chain TR199 description

Point TR1991	N	2,057,452.076	E	2,416,032.337	Sta	4+61.20
Course from TR1991 to TR1993 N 88° 47' 17.3" E Dist 538.800						
Point TR1993	N	2,057,463.471	E	2,416,571.017	Sta	10+00.00
Course from TR1993 to TR1994 N 88° 47' 17.3" E Dist 575.271						
Point TR1994	N	2,057,475.638	E	2,417,146.159	Sta	15+75.27
Ending chain TR199 description						

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design firm
 no. 184001036
whks
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - CWC	REVISED -
PLOT SCALE = 2400.0000' / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -
	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

**ALIGNMENT, TIES, BENCHMARKS AND ENTRANCE DETAILS
 PRESTON ROAD OVER PRESTON CREEK**

SCALE: 1" = 100' SHEET 1 OF 1 SHEETS STA. TO STA.

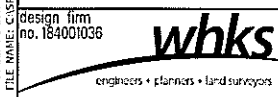
T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	3
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 85722

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BRIDGE 0010 S.N.089-3296
20200100	EARTH EXCAVATION	CU YD	65	65
20300100	CHANNEL EXCAVATION	CU YD	235	235
20400800	FURNISHED EXCAVATION	CU YD	44	44
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	75	75
28000305	TEMPORARY DITCH CHECKS	FOOT	55	55
28000400	PERIMETER EROSION BARRIER	FOOT	900	900
28000500	INLET AND PIPE PROTECTION	EACH	1	1
28100107	STONE RIPRAP, CLASS A4	SQ YD	299	299
28200200	FILTER FABRIC	SQ YD	299	299
35101400	AGGREGATE BASE COURSE, TYPE B	TON	432	432
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	10	10
48101200	AGGREGATE SHOULDERS, TYPE B	TON	102	102
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	24	24

△ SPECIALTY ITEMS



USER NAME = gjameson	DESIGNED - CWC	REVISED -
PLOT SCALE = 1200:0.0000 " = 1' ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -
	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

SUMMARY OF QUANTITIES
 PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	4
CONTRACT NO. 85722				
ILLINOIS ICD AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BRIDGE 0010 S.N.089-3296
50200100	STRUCTURE EXCAVATION	CU YD	90	90
50300225	CONCRETE STRUCTURES	CU YD	23.8	23.8
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1344	1344
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3220	3220
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	112	112
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	320	320
51202305	DRIVING PILES	FOOT	320	320
51203200	TEST PILE METAL SHELLS	EACH	2	2
51500100	NAME PLATES	EACH	1	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	28	28
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	34.2	34.2
67100100	MOBILIZATION	L SUM	1	1
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
X0327902	MAILBOX REMOVE AND REPLACE	EACH	1	1

Δ SPECIALTY ITEMS

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USER NAME = gjameson	DESIGNED - CWC	REVISED -
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PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -
	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

SUMMARY OF QUANTITIES			
T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS
199	20-06122-00-BR	STEPHENSON	39
			SHEET NO. 5

CONTRACT NO. 85722	ILLINOIS	FED #10 PROJECT
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SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

LOCATION	20200100	20300100	FOR INFORMATION ONLY		20400800
	EARTH EXCAVATION	CHANNEL EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.75)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) AND SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 7+70.00 TO STA. 9+71.09	21		16	74	-58
STA. 9+71.09 TO STA. 10+28.92		235	* 88		88
STA. 10+28.92 TO STA. 12+80.00	44		33	107	-74
TOTAL	65	235	137	181	-44

EARTH EXCAVATION SHRINKAGE FACTOR = 25%

* ASSUMES 50% OF THE CHANNEL EXCAVATION IS SUITABLE FOR THE EMBANKMENT

28000250 TEMPORARY EROSION CONTROL SEEDING

TR 199 (WEST PRESTON ROAD)					POUND
LT	7+70.00	TO	LT	9+71.09	18
RT	7+70.00	TO	RT	9+71.09	18
LT	10+28.92	TO	LT	12+80.00	21
RT	10+28.92	TO	RT	12+80.00	18
TOTAL					75

28000305 TEMPORARY DITCH CHECKS

TR 199 (WEST PRESTON ROAD)					FOOT
LT	9+25.00				11
RT	9+25.00				11
RT	10+50.00				11
LT	10+75.00				11
LT	11+75.00				11
TOTAL					55

28000400 PERIMETER EROSION BARRIER

TR 199 (WEST PRESTON ROAD)					FOOT
LT	7+70.00	TO	LT	9+71.09	200
RT	7+70.00	TO	RT	9+71.09	200
LT	10+28.92	TO	LT	12+80.00	250
RT	10+28.92	TO	RT	12+80.00	250
TOTAL					900

28000500 INLET AND PIPE PROTECTION

TR 199 (WEST PRESTON ROAD)		EACH
20.5' RT 11+12.00		1
TOTAL		1

35101400 AGGREGATE BASE COURSE, TYPE B

TR 199 (WEST PRESTON ROAD)				TON	
CL	7+70.00	TO	CL	8+20.00	50
CL	8+20.00	TO	CL	9+71.09	143
CL	10+28.92	TO	CL	12+30.00	190
CL	12+30.00	TO	CL	12+80.00	49
TOTAL				432	

40200800 AGGREGATE SURFACE COURSE, TYPE B

TR 199 (WEST PRESTON ROAD)		TON
RT	11+00.00	10
TOTAL		10

48101200 AGGREGATE SHOULDERS, TYPE B

TR 199 (WEST PRESTON ROAD)				TON	
LT	7+70.00	TO	LT	8+20.00	5
LT	8+20.00	TO	LT	9+71.09	18
LT	10+28.92	TO	LT	12+30.00	23
LT	12+30.00	TO	LT	12+80.00	5
RT	7+70.00	TO	RT	8+20.00	5
RT	8+20.00	TO	RT	9+71.09	18
RT	10+28.92	TO	RT	12+30.00	23
RT	12+30.00	TO	RT	12+80.00	5
TOTAL				102	

50105220 PIPE CULVERT REMOVAL

TR 199 (WEST PRESTON ROAD)		FOOT
RT	11+00.00	24
TOTAL		24

542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"

TR 199 (WEST PRESTON ROAD)		FOOT
RT	11+00.00	28
TOTAL		28

67100100 MOBILIZATION

TR 199 (WEST PRESTON ROAD)		L SUM
TOTAL		1

X0327902 MAILBOX REMOVE AND REPLACE

TR 199 (WEST PRESTON ROAD)		EACH
RT	11+21.00	1
TOTAL		1

X2501000 SEEDING, CLASS 2 (SPECIAL)

TR 199 (WEST PRESTON ROAD)				ACRE	
LT	7+70.00	TO	LT	9+71.09	0.06
RT	7+70.00	TO	RT	9+71.09	0.06
LT	10+28.92	TO	LT	12+80.00	0.07
RT	10+28.92	TO	RT	12+80.00	0.06
TOTAL				0.50	

X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

TR 199 (WEST PRESTON ROAD)		L SUM
TOTAL		1

Z0013798 CONSTRUCTION LAYOUT

TR 199 (WEST PRESTON ROAD)		L SUM
TOTAL		1

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DRAWN - GSJ	CHECKED - BJJ	REVISED -
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PLOT DATE = 4/12/2022		

STEPHENSON COUNTY HIGHWAY DEPARTMENT

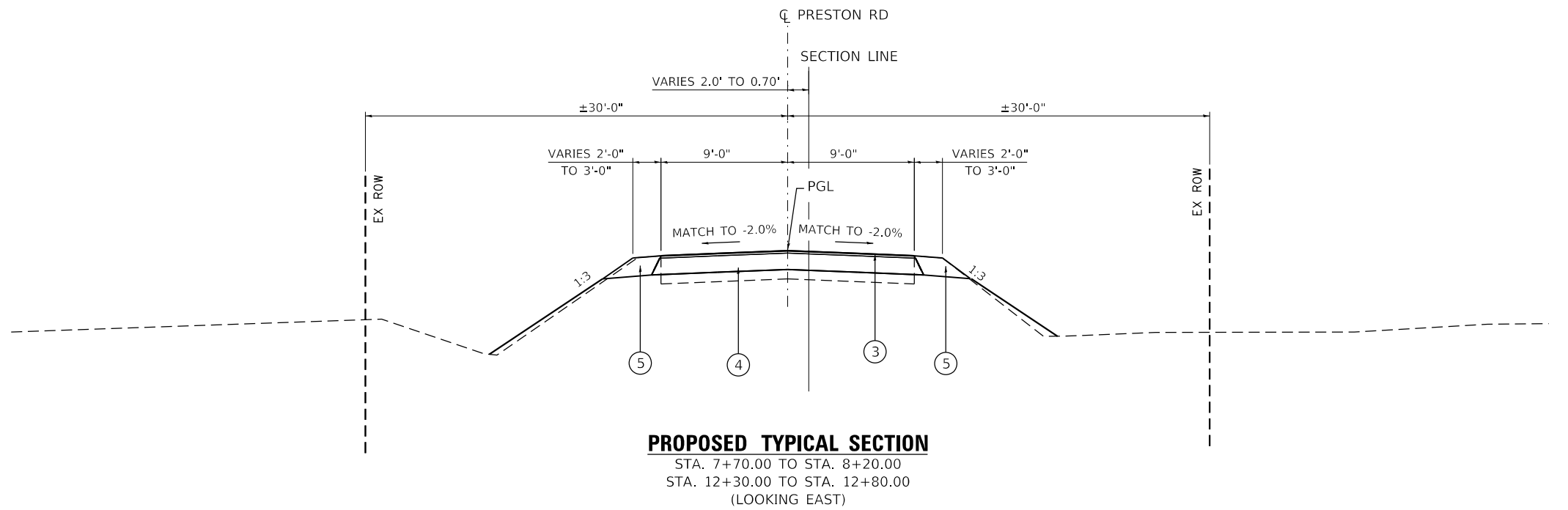
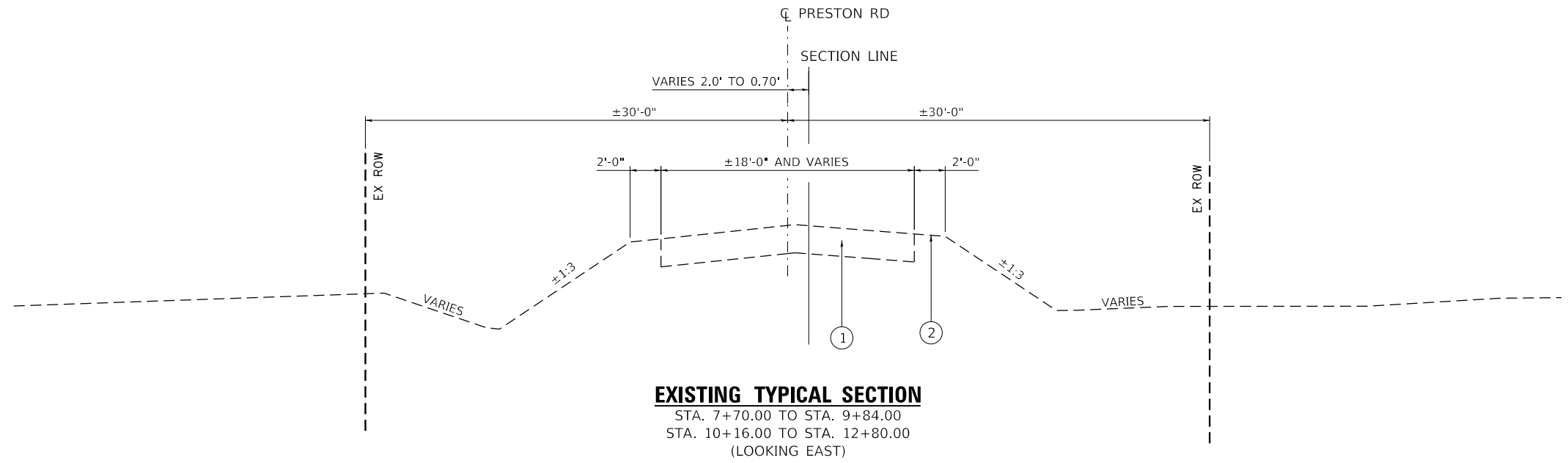
**SCHEDULE OF QUANTITIES
PRESTON ROAD OVER PRESTON CREEK**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	7
			CONTRACT NO. 85722	
		ILLINOIS FED. AID PROJECT		

LEGEND

- ① EX OIL AND CHIP
- ② EARTH SHOULDER
- ③ FUTURE OIL AND CHIP (BY OTHERS)
- ④ AGGREGATE BASE COURSE, TYPE B (8")
- ⑤ AGGREGATE SHOULDERS, TYPE B (8")
- ⑥ EMBANKMENT



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design firm
no. 184001036

engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - CWC	REVISED -
DRAWN - GSJ	CHECKED - BJJ	REVISED -
PLOT SCALE = 1/20,000' / ft.	DATE - 4/12/2022	REVISED -
PLOT DATE = 4/12/2022		

STEPHENSON COUNTY HIGHWAY DEPARTMENT

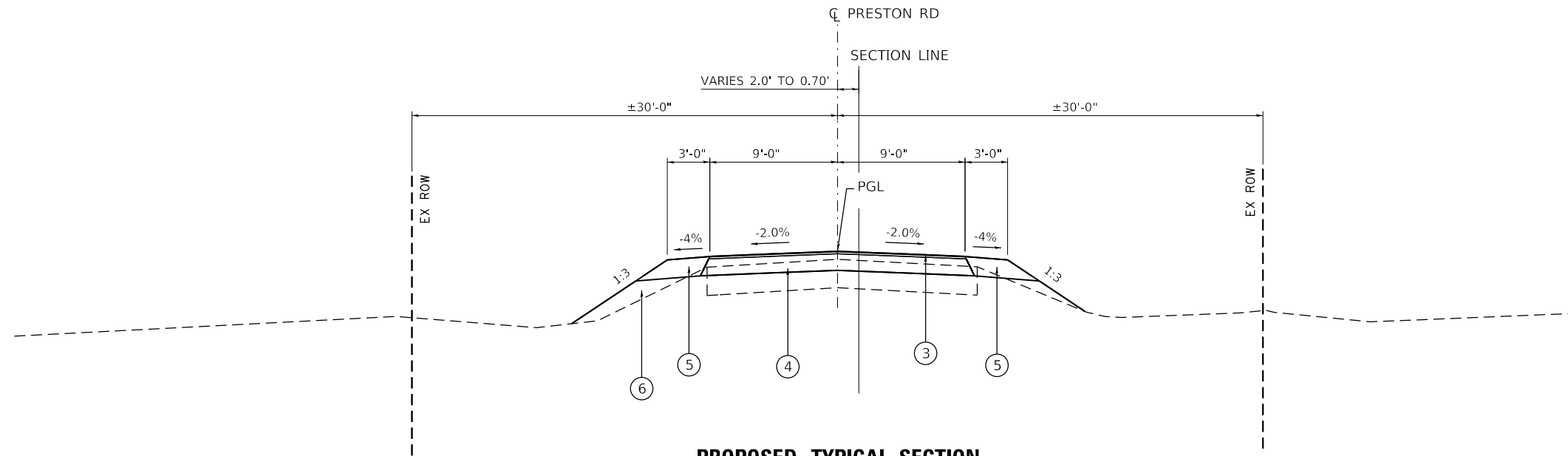
**TYPICAL SECTIONS
 PRESTON ROAD OVER PRESTON CREEK**

SCALE: 1" = 5' SHEET 1 OF 2 SHEETS STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	8
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

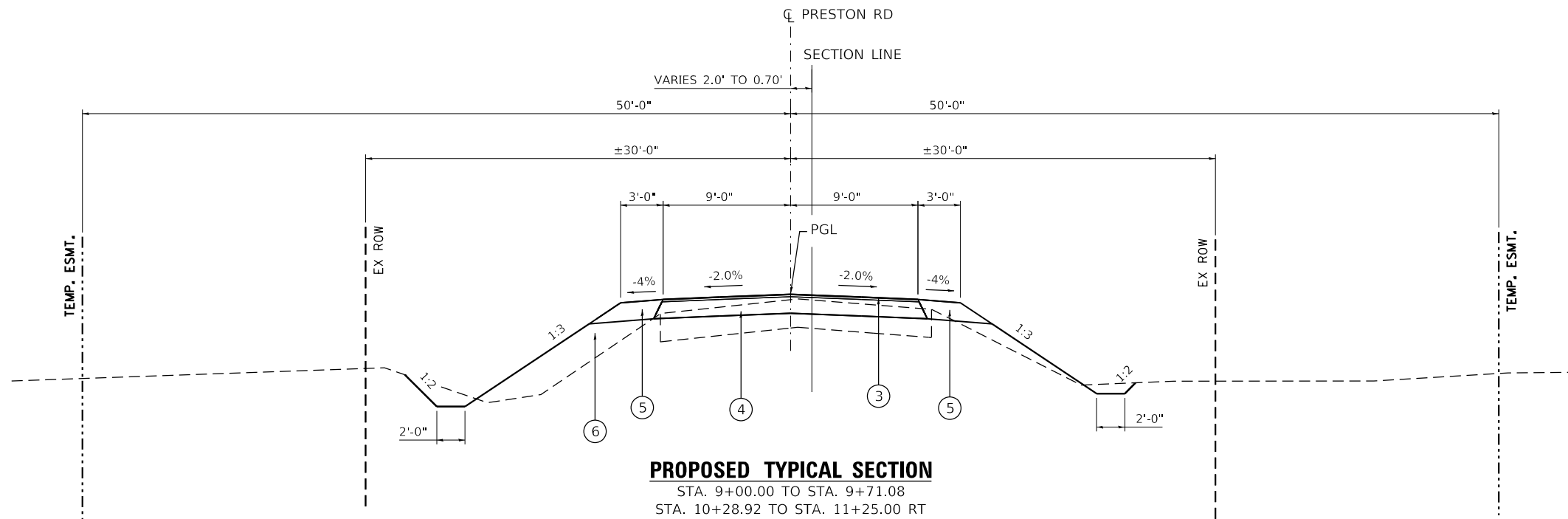
LEGEND

- ① EX OIL AND CHIP
- ② EARTH SHOULDER
- ③ FUTURE OIL AND CHIP (BY OTHERS)
- ④ AGGREGATE BASE COURSE, TYPE B (8")
- ⑤ AGGREGATE SHOULDERS, TYPE B (8")
- ⑥ EMBANKMENT



PROPOSED TYPICAL SECTION

STA. 8+20.00 TO STA. 9+00.00
 STA. 11+25.00 TO STA. 12+30.00 RT
 STA. 12+00.00 TO STA. 12+30.00 LT
 (LOOKING EAST)



PROPOSED TYPICAL SECTION

STA. 9+00.00 TO STA. 9+71.08
 STA. 10+28.92 TO STA. 11+25.00 RT
 STA. 10+28.92 TO STA. 12+00.00 LT
 (LOOKING EAST)

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PLOT SCALE = 1/20,000' / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -
	DATE - 4/12/2022	REVISED -

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	9
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

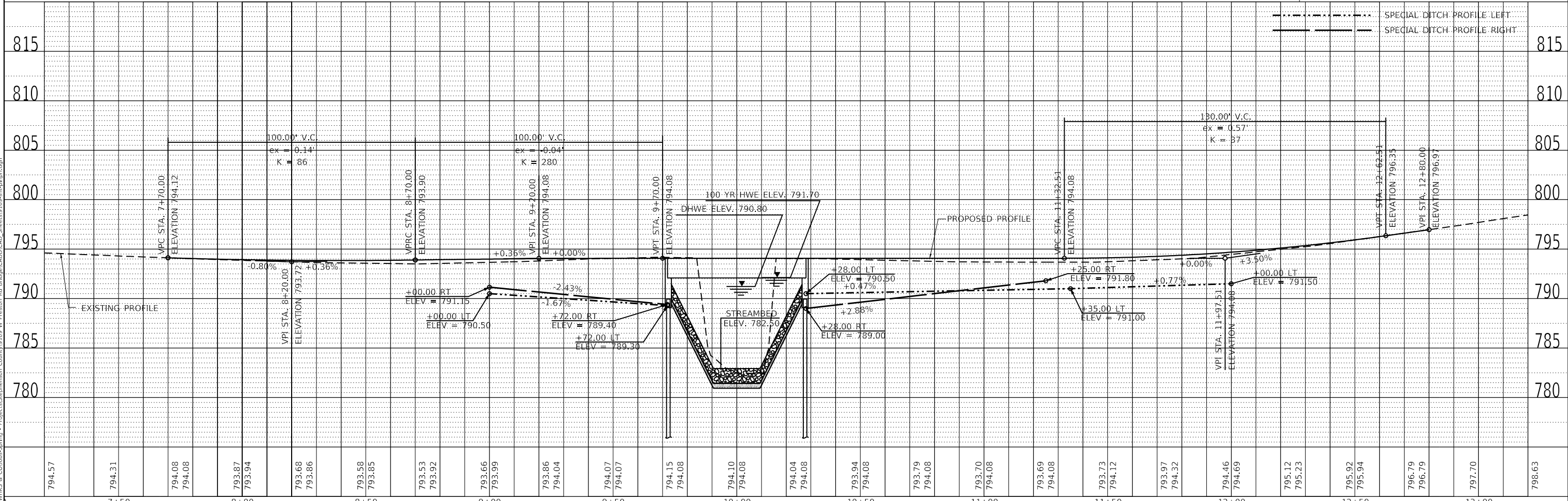
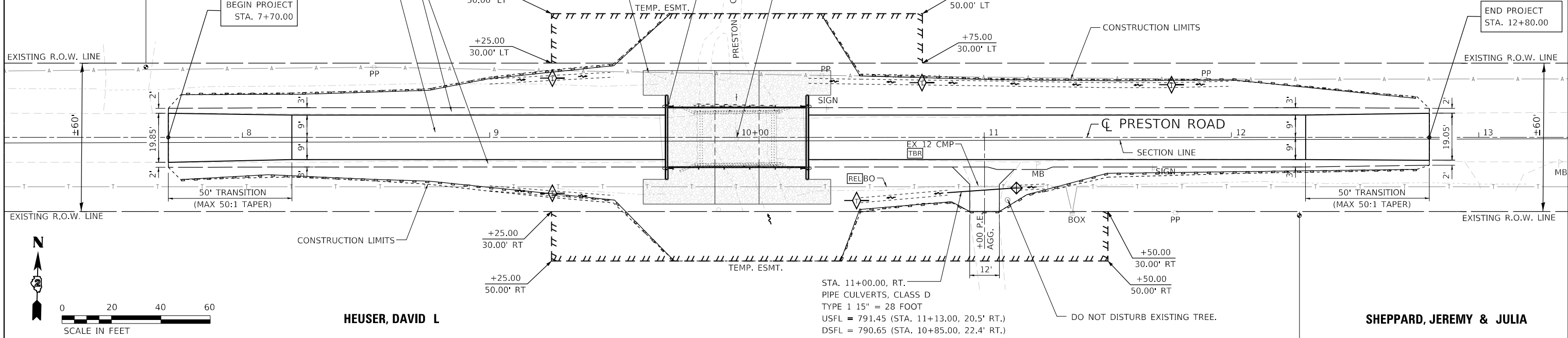
**BARDELL, BRIAN R
& JOANI L**

**HARBACH, GERALD A & ISABELLE J
GENERAL TRUSTS**

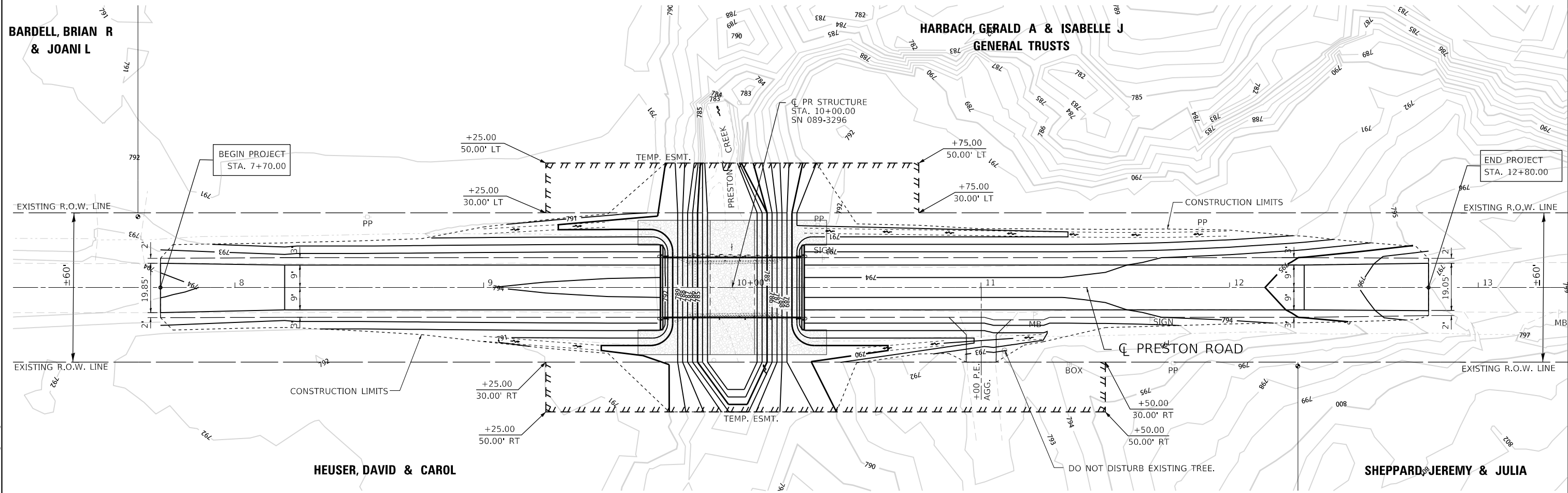
- LEGEND**
- TO BE REMOVED
 - TEMPORARY DITCH CHECK
 - RIPRAP
 - RELOCATE (BY OTHERS)
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	GRADE CHECKED
	STRUCTURE NOTATION SKETCHED
	NO. _____
	FILE NAME _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATION SKETCHED
	NO. _____
	FILE NAME _____



design firm no. 184001036	USER NAME = gjamerson	DESIGNED - CWC	REVISED -	<p>STEPHENSON COUNTY HIGHWAY DEPARTMENT</p> <p>PLAN AND PROFILE PRESTON ROAD OVER PRESTON CREEK</p> <p>SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 7+70.00 TO STA. 12+80.00</p>	T.R. RTE. 199	SECTION 20-06122-00-BR	COUNTY STEPHENSON	TOTAL SHEETS 39	SHEET NO. 10
	PLOT SCALE = 480,000" / ft.	DRAWN - GSJ	REVISED -		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 85722		
engineers + planners + land surveyors	PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -						
		DATE - 4/12/2022	REVISED -						



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 design firm
 no. 184001036
whks
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - CWC	REVISED -
DRAWN - GSJ	REVISED -	
PLOT SCALE = 480.0000' / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 4/12/2022	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

SUGGESTED GRADING PLAN			
PRESTON ROAD OVER PRESTON CREEK			
SCALE: 1" = 20'	SHEET 1	OF 1 SHEETS	STA. 7+70.00 TO STA. 12+80.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	11
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

Benchmark: BM "501", Sta. 10+33.85, 24.70' Lt.
 Railroad spike in south side of power pole., Elev. = 792.446

Existing Structure: SN 089-3150 is a single span PPC deck beam bridge supported by closed concrete vertical abutments. The bridge is 28'-0" back-to-back of abutments and the out-to-out bridge width is 22'-0". Structure is to be removed and replaced. Road is to be closed during construction.

Salvage: None

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
- 3.-4. 21" x 48" PPC Deck Beam Details
5. Superstructure Details
6. Steel Railing, Type S1
7. West Abutment
8. East Abutment
9. Metal Shell Pile Details
- 10.-11. Boring Logs

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
 9th Edition

LOADING HL-93

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

DESIGN STRESSES

FIELD UNITS

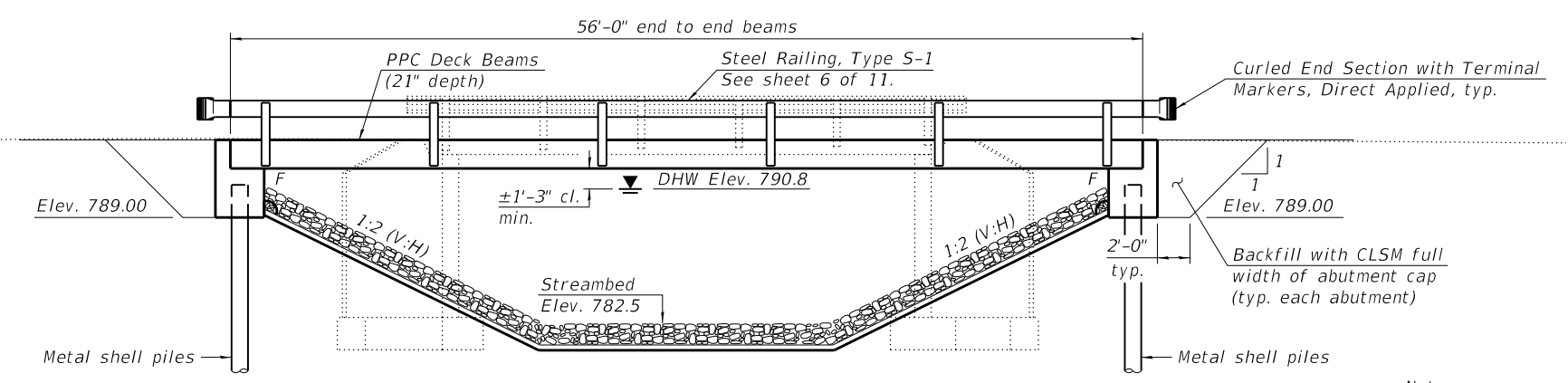
- f'c = 3,500 psi
- f_y = 60,000 psi (Reinforcement)
- f_y = 50,000 psi (ASTM A 252 Gr. 3, Metal Shell Piles)

PRECAST UNITS

- f'c = 6,000 psi
- f'ci = 5,000 psi
- f'pu = 270,000 psi (1/2" low lax strands)
- f'pbt = 201,960 psi (1/2" low lax strands)

SEISMIC DATA

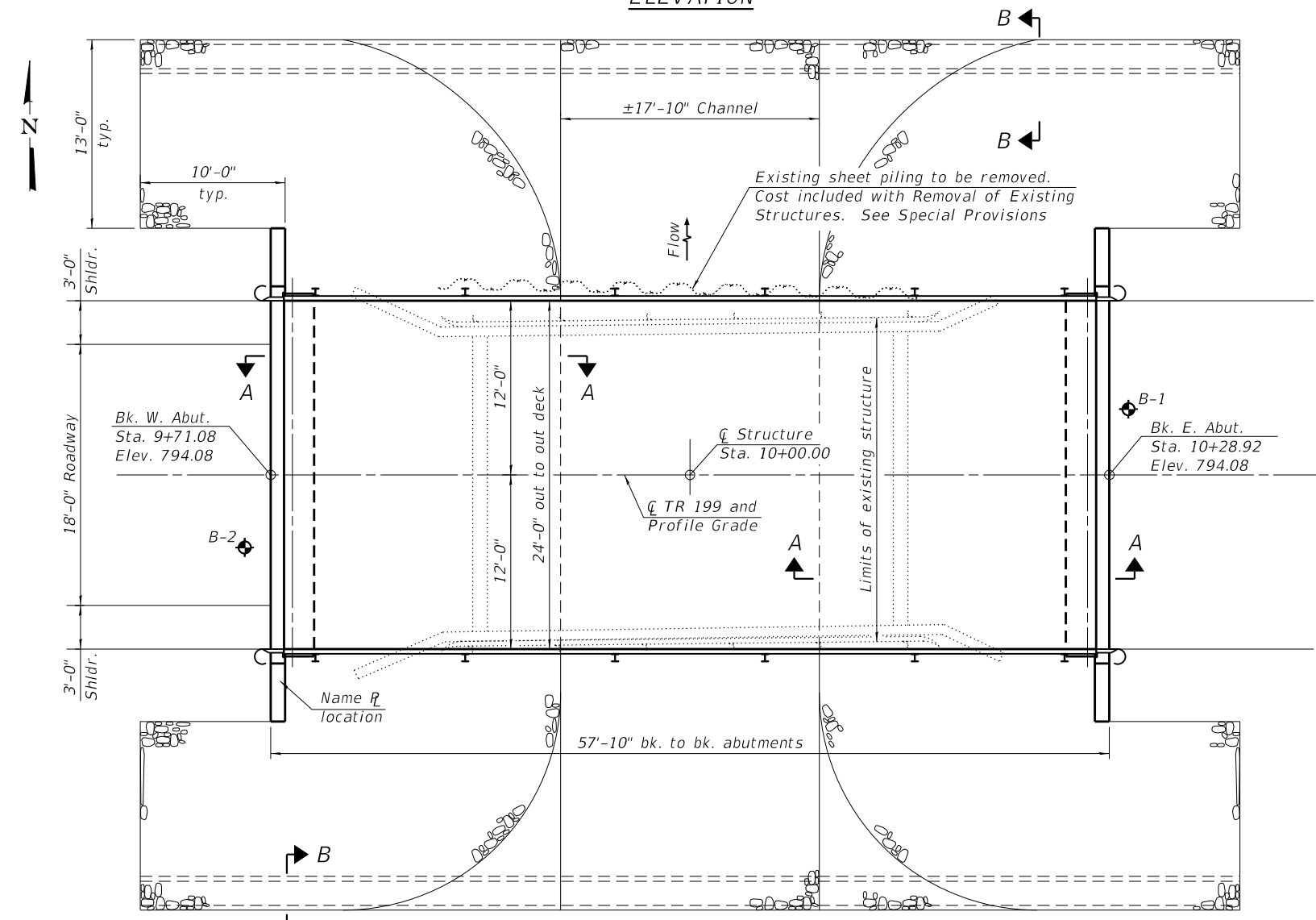
Seismic Performance Zone (SPZ) = 1
 Design Spectral Acceleration at 1.0 sec. (S₀₁) = 0.053g
 Design Spectral Acceleration at 0.2 sec. (S₀₅) = 0.087g
 Soil Site Class = C



ELEVATION

Note:

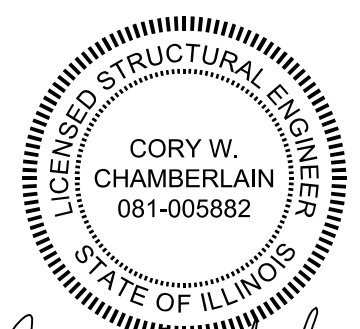
1. See Roadway Plans for Utilities, Grading Plan and Quantities not shown on sheet 2 of 11.
2. See sheet 2 of 11 for Section A-A, Section B-B, Waterway Information Table and Design Scour Table.



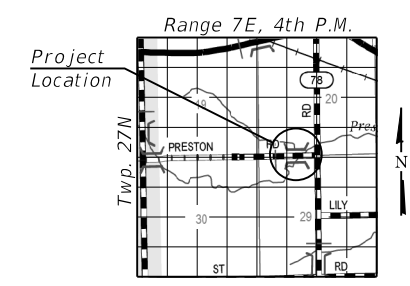
PLAN

PRESTON CREEK
 BUILT 20 BY
 STEPHENSON COUNTY
 SEC. 20-06122-00-BR
 TR 199 STA 10+00
 STR. NO. 089-3296 LOADING HL93

NAME PLATE
 See Std. 515001



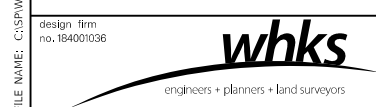
Cory W. Chamberlain
 Expires: 11/30/2022 4-7-22



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
TR 199 (WEST PRESTON RD)
OVER PRESTON CREEK
SECTION 20-06122-00-BR
STEPHENSON COUNTY
STATION 10+00.00
SN 089-3296

LEGEND
 Soil Boring Location



USER NAME = jmontrey	DESIGNED - JLM	REVISED -
PLOT DATE = 4/11/2022	CHECKED - SBC	REVISED -
PLOT DATE = 4:09:13 PM	DRAWN - DLH	REVISED -
	CHECKED - JLM/SBC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 089-3296

SHEET 1 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	12
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

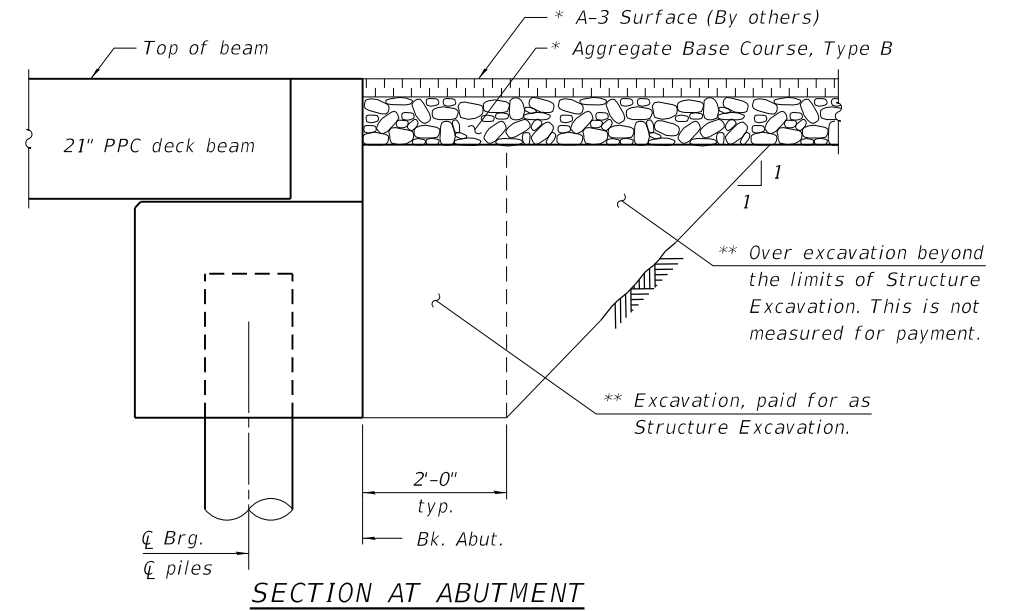
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GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
3. Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

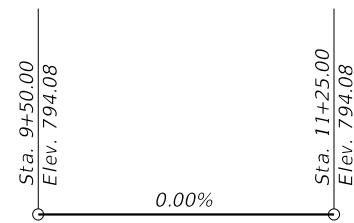
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.		235	235
Stone Riprap, Class A4	Sq. Yd.		299	299
Filter Fabric	Sq. Yd.		299	299
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		90	90
Concrete Structures	Cu. Yd.		23.8	23.8
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	1,344		1,344
Reinforcement Bars, Epoxy Coated	Pound		3,220	3,220
Steel Railing, Type S1	Foot	112		112
Furnishing Metal Shell Piles 12" x 0.25"	Foot		320	320
Driving Piles	Foot		320	320
Test Pile Metal Shells	Each		2	2
Name Plates	Each	1		1
Controlled Low-Strength Material	Cu. Yd.		34.2	34.2
Terminal Marker - Direct Applied	Each	4		4

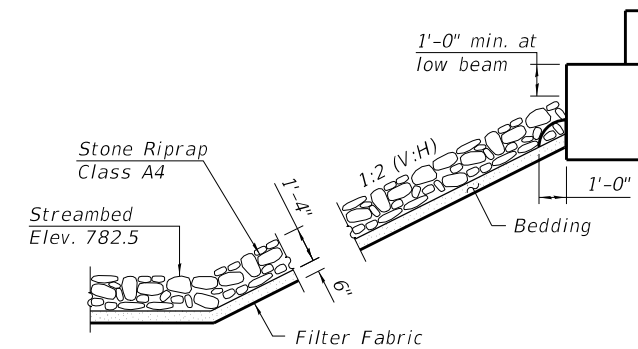


* See roadway plans.

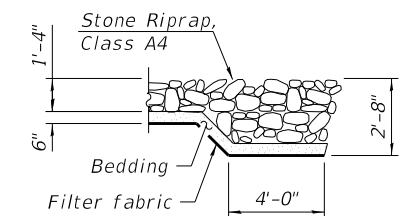
** Backfill with Controlled Low-Strength Material (CLSM) (Mix 2) behind abutments. Backfill behind wingwalls in accordance with Article 502.10 of the Standard Specifications.



PROFILE GRADE
(Along C/TR 199)



SECTION A-A



SECTION B-B

WATERWAY INFORMATION TABLE

Flood Event	Frequency Year	Discharge cfs	Waterway Opening (sq ft)		Natural H.W.E.	Head (ft)		Headwater Elev. (ft)	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
	10	915	218	283	790.6	0.0	0.0	790.6	790.5
Design	15	1085	224	290	790.8	0.1	0.0	790.9	790.8
	20	1190	230	297	791.0	0.1	0.0	791.1	791.0
	30	1345	236	307	791.2	0.2	0.0	791.4	791.2
	50	1510	242	317	791.4	0.2	0.0	791.6	791.4
Base	100	1780	251	333	791.7	0.3	0.0	792.0	791.7
Check	200	2065	260	348	792.0	0.4	0.0	792.4	792.0
Max. Calc.	500	2470	275	353	792.5	0.6	0.1	793.1	792.6

10-Year Velocity through Existing: 3.7 ft/s 10-Year Velocity through Proposed: 3.2 ft/s

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elev. (ft.)		Item 113
	S. Abut.	N. Abut.	
Q100	-	-	8
Q200	-	-	
Design	789.00	789.00	
Check	789.00	789.00	

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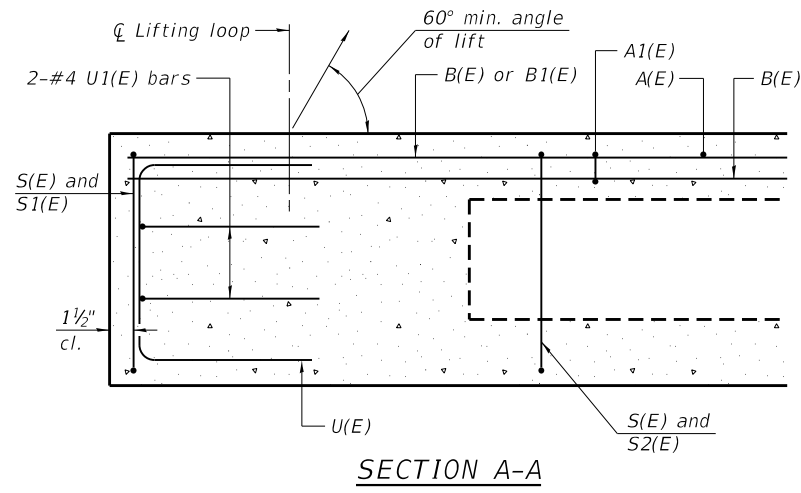
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

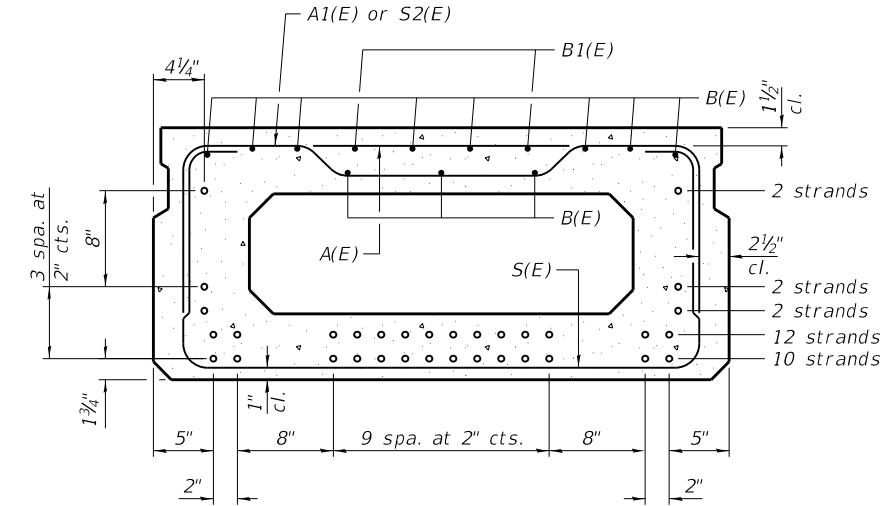
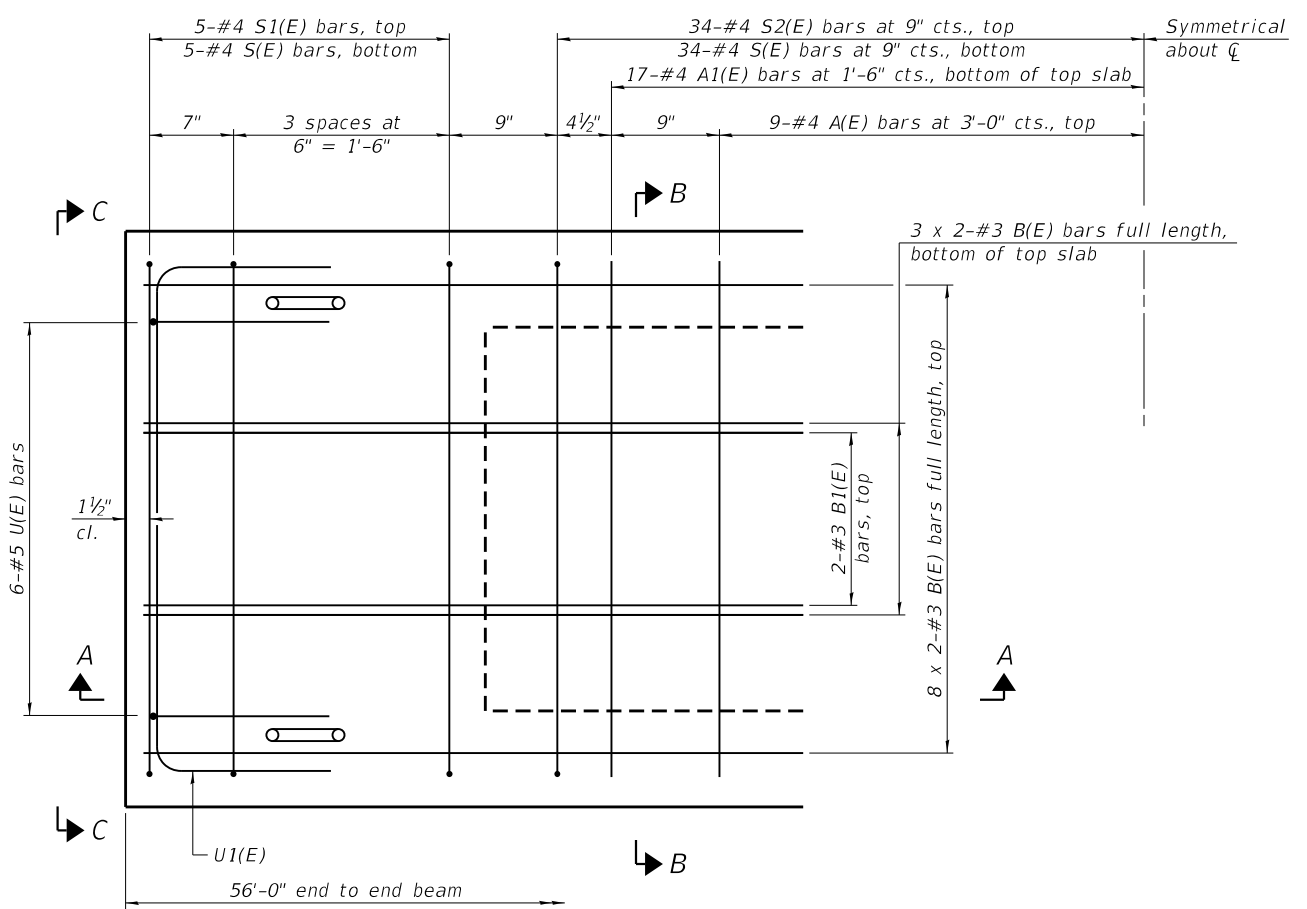
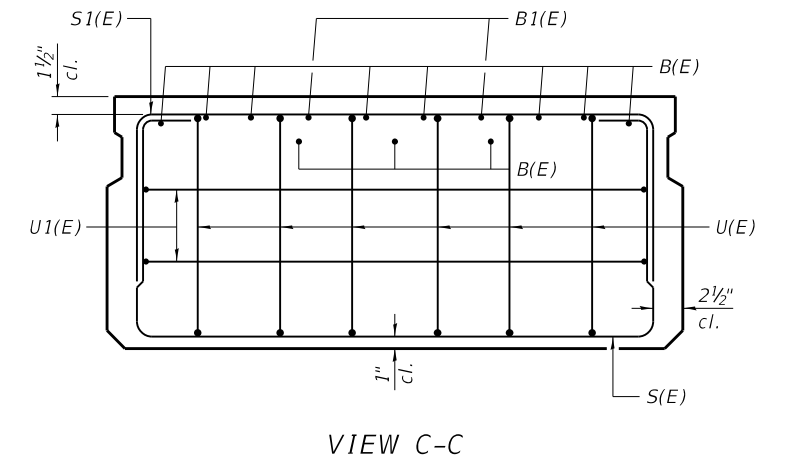
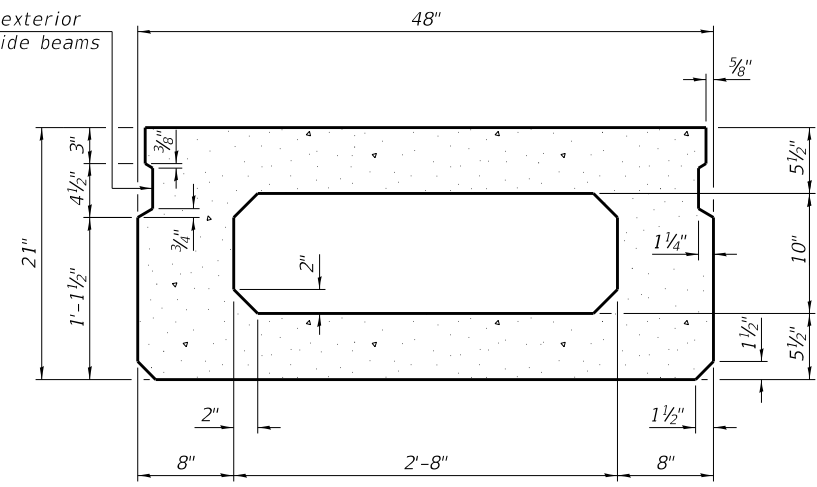
GENERAL DATA
STRUCTURE NO. 089-3296

SHEET 2 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	13
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				



Omit key on exterior face of outside beams



BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	18	#4	3'-7"	—
A1(E)	34	#4	3'-10"	—
B(E)	22	#3	28'-8"	—
B1(E)	4	#3	10'-0"	—
S(E)	78	#4	7'-5"	┌
S1(E)	10	#4	5'-11"	┌
S2(E)	68	#4	6'-2"	┌
U(E)	12	#5	4'-0"	┌
U1(E)	4	#4	6'-0"	┌

SECTION B-B
(Showing reinforcement and permissible strand locations)
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

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

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

- Notes:
- See sheet 4 of 11 for additional details and Bill of Material.
 - Bars indicated thus 8 x 2-#4 etc. indicates 8 lines of bars with 2 lengths per line.

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PD-2148-0 1-1-2020



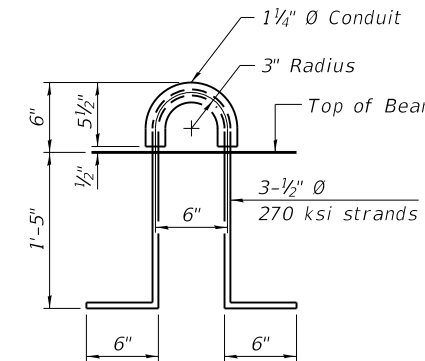
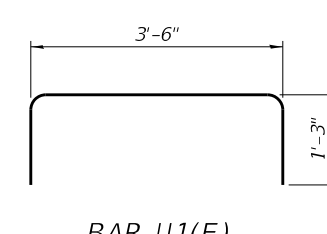
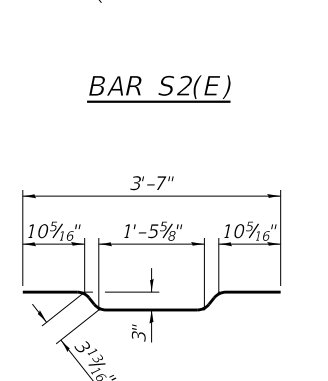
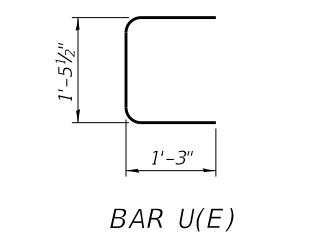
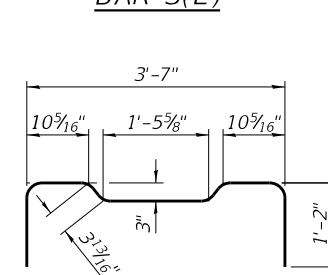
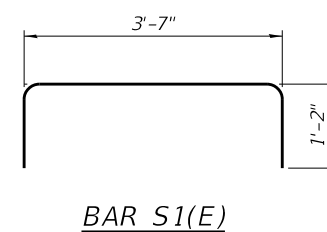
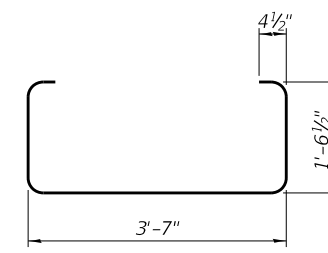
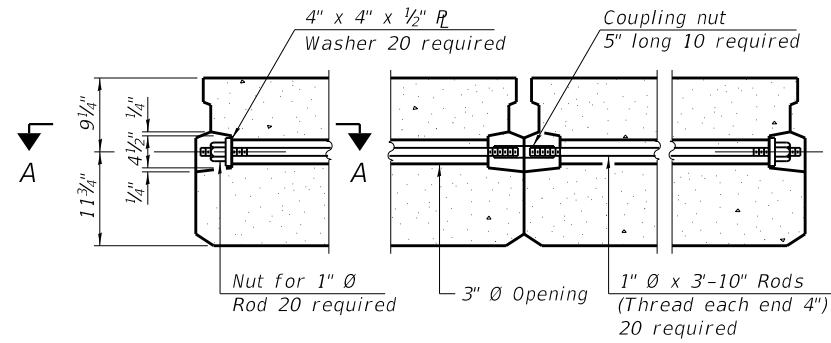
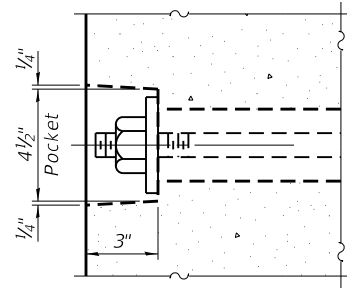
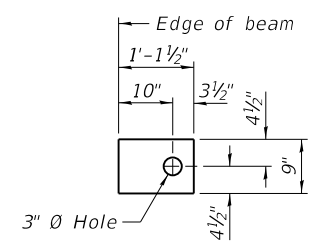
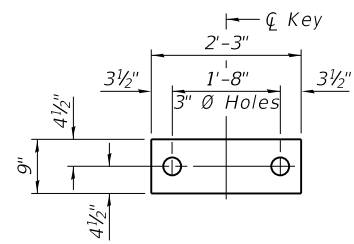
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		CHECKED - SBC	REVISED -
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	PLOT DATE = 4:10:55 PM	CHECKED - JLM/SBC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

21" x 48" PPC DECK BEAM
STRUCTURE NO. 089-3296

SHEET 3 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	14
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				



FABRIC BEARING PAD (Interior)

FABRIC BEARING PAD (Exterior)

FIXED

SECTION A-A

TYPICAL TRANSVERSE TIE ASSEMBLY

BAR S(E)

BAR S1(E)

BAR U(E)

BAR U1(E)

BAR S2(E)

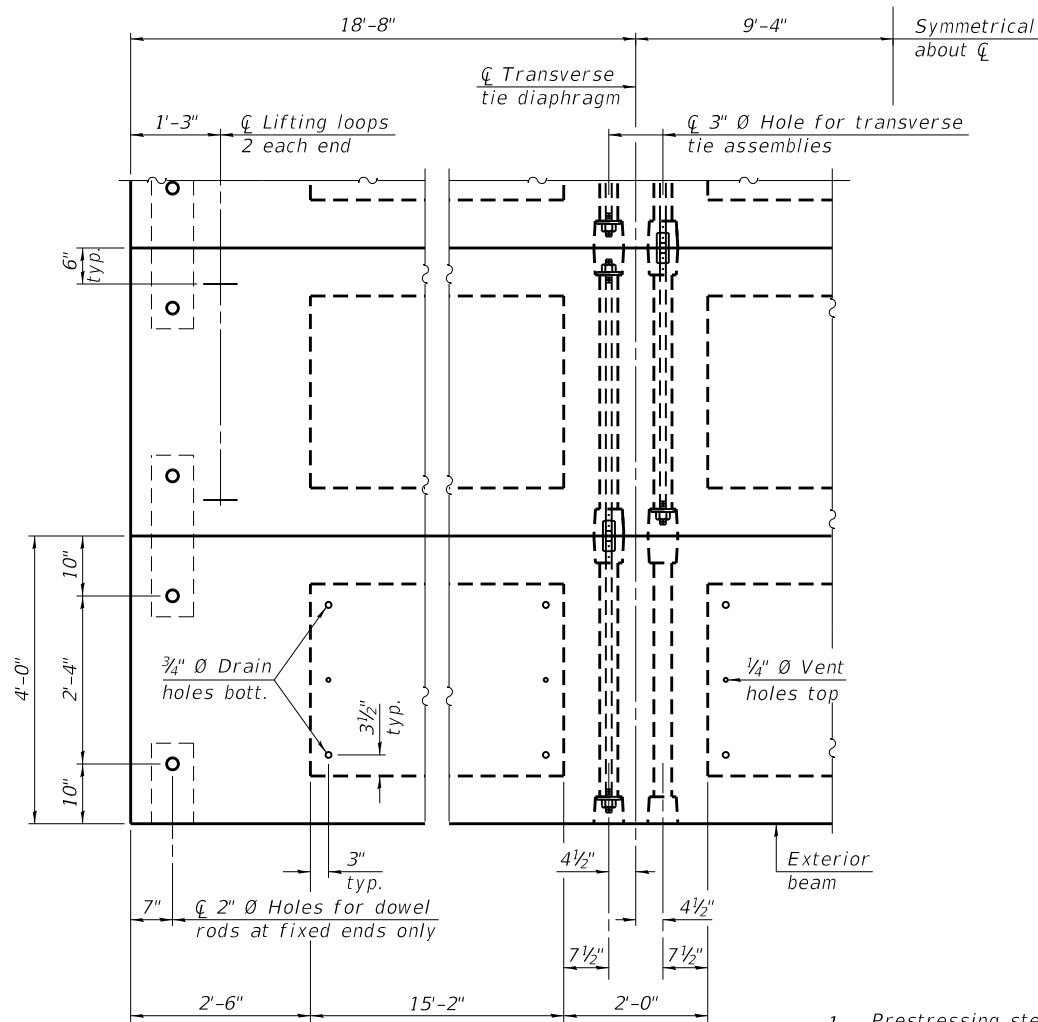
BAR U1(E)

BAR A1(E)

LIFTING LOOP DETAIL

Notes:

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



PLAN VIEW

Connect beams in pairs with the transverse tie configuration shown.

NOTES

1. 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.
2. The 1" Ø rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
3. Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
4. A minimum 2 1/2" Ø lifting pin shall be used to engage the lifting loops during handling.
5. 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.
6. Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
7. Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (21" depth)	Sq. Ft.	1,344
---	---------	-------

PDD-2148-0 1-1-2020



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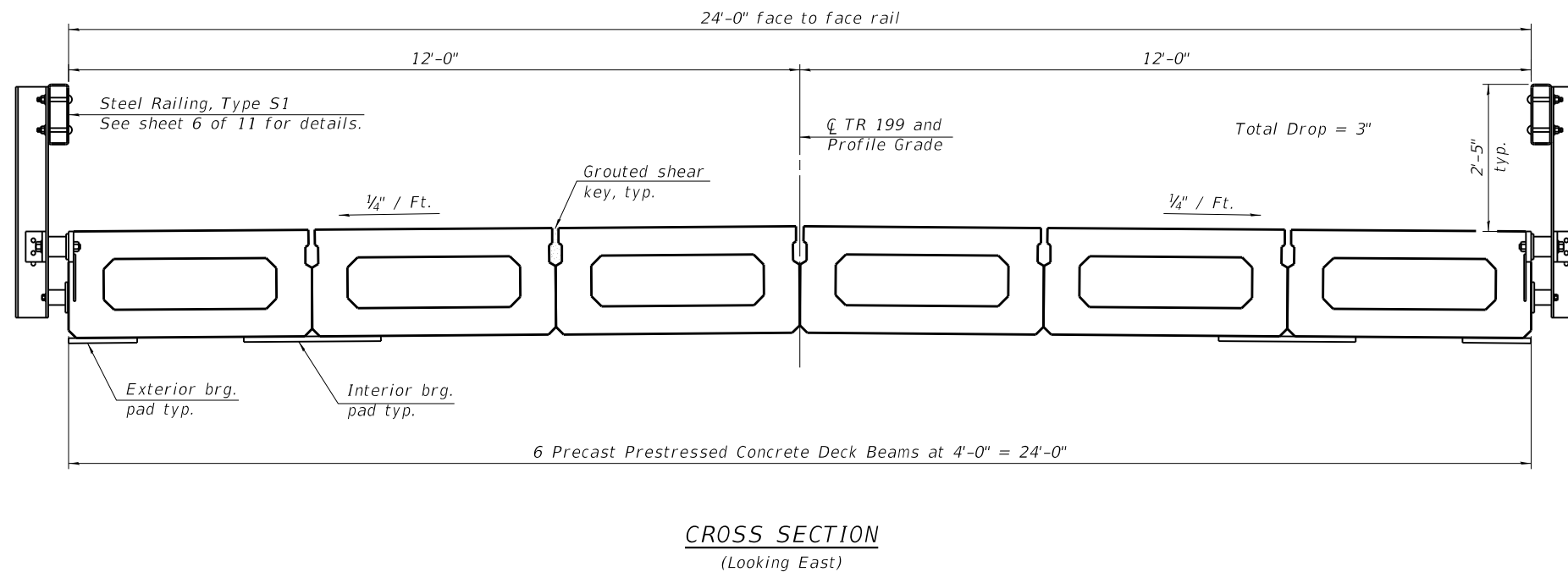
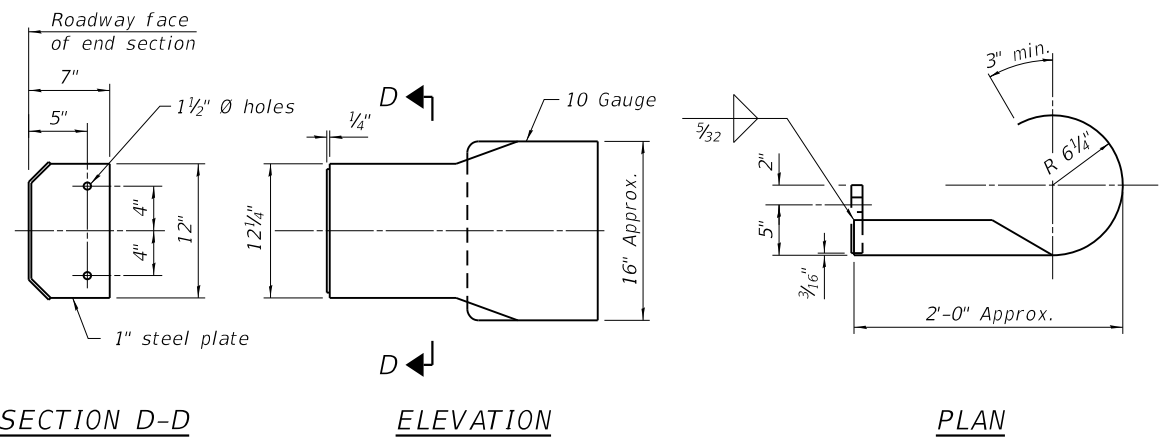
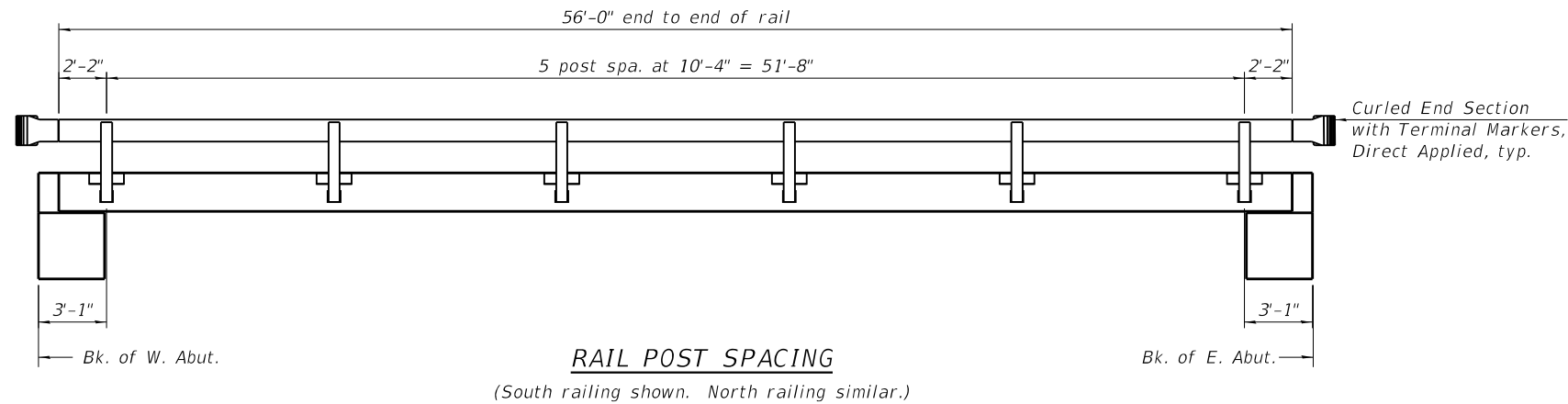
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

21" x 48" PPC DECK BEAM DETAILS
STRUCTURE NO. 089-3296

SHEET 4 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	15
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

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design firm
no. 184001036



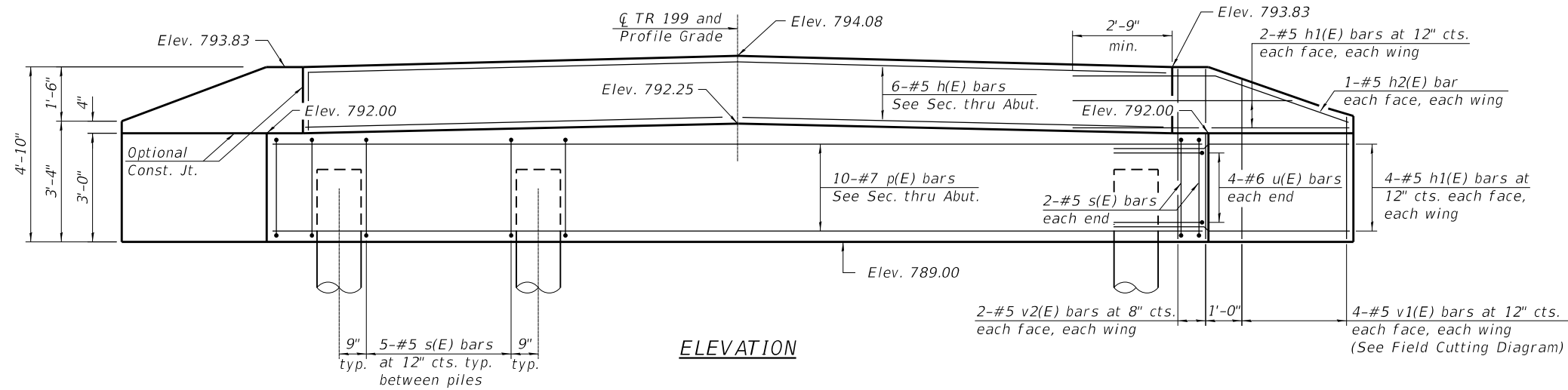
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

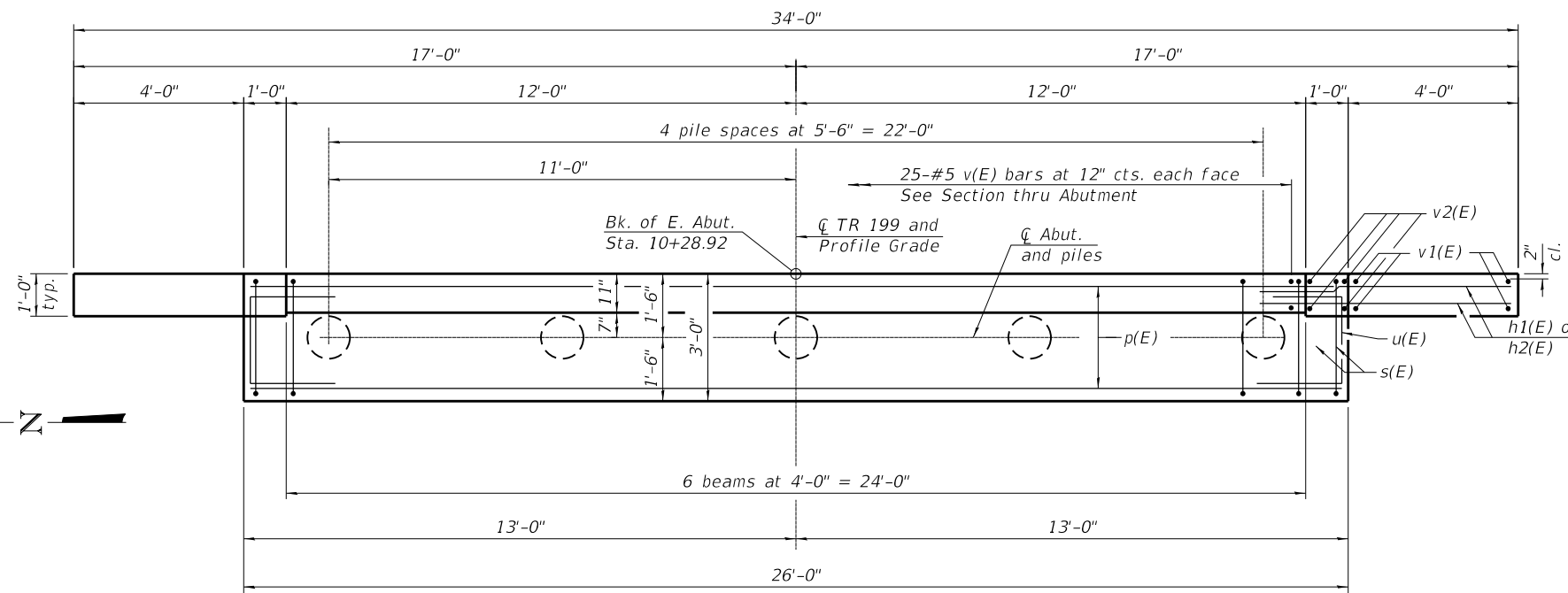
**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 089-3296**

SHEET 5 OF 11 SHEETS

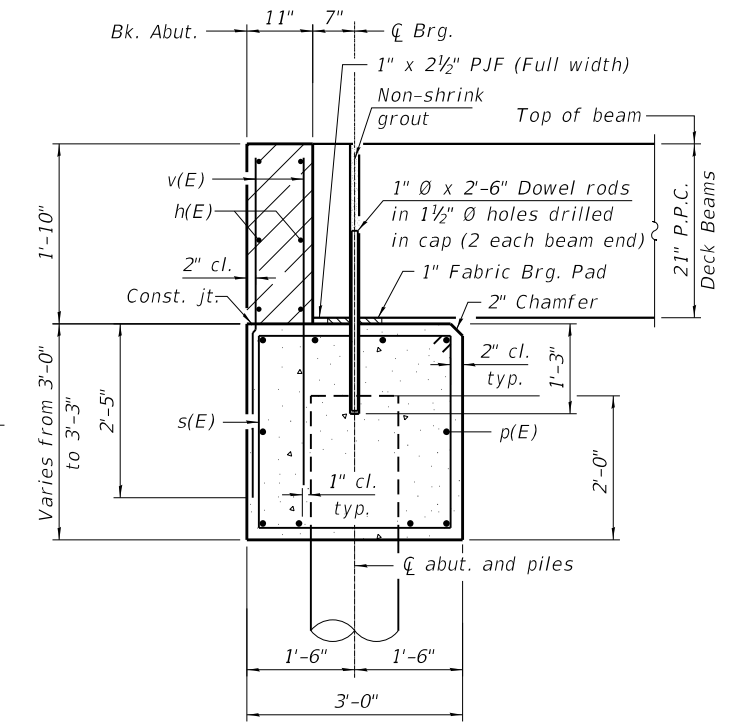
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199	20-06122-00-BR	Stephenson	39	16
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				



ELEVATION



PLAN



SECTION THRU ABUTMENT

See sheet 4 of 11 for Fabric Bearing Pad details.

BILL OF MATERIAL

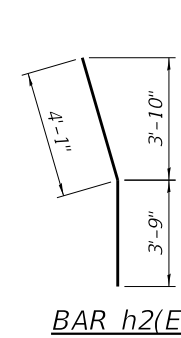
Bar	No.	Size	Length	Shape
h(E)	6	#5	23'-8"	—
h1(E)	24	#5	7'-7"	—
h2(E)	4	#5	7'-10"	—
p(E)	10	#7	25'-8"	—
s(E)	24	#5	11'-7"	□
u(E)	8	#6	9'-4"	□
v(E)	50	#5	4'-1"	—
v1(E)	8	#5	7'-1"	—
v2(E)	8	#5	4'-6"	—
Structure Excavation		Cu. Yd.	43	
Concrete Structures		Cu. Yd.	11.9	
Reinforcement Bars, Epoxy Coated		Pound	1,610	
Furnishing Metal Pile Shells 12" x 0.25"		Foot	160	
Driving Piles		Foot	160	
Test Pile Metal Shells		Each	1	

PILE DATA

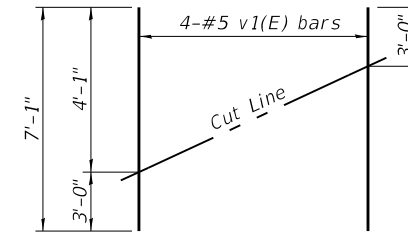
Type: Metal Shell 12" x 0.25"
 Nominal Required Bearing: 277 kips
 Factored Resistance Available: 152 kips
 Estimated Length: 40 ft.
 No. Production Piles: 4
 No. Test Piles: 1

Notes:

1. The hatched area shall be poured after the beams are in place. The backwall and wingwalls shall be cast against the beams.
2. Dowel holes in beams shall be filled with non-shrink grout to the top of the beam and allowed to cure for a minimum of 24 hours prior to grouting the keyways. Cost included with Precast Prestressed Concrete Deck Beams (21" Depth).
3. If pile interferes with dowel embedment, reduce dowel embedment at location of interference to 1'-0".
4. For details of piles, see sheet 9 of 11.

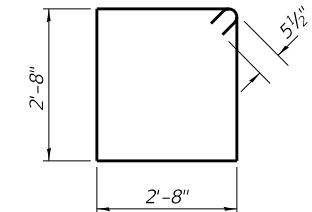


BAR h2(E)

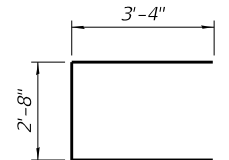


FIELD CUTTING DIAGRAM

Order v1(E) bars full length. Cut as shown and use remainder of bars in opposite wing.



BAR s(E)



BAR u(E)

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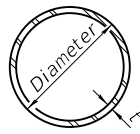
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	CHECKED - JLM/SBC	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EAST ABUTMENT
 STRUCTURE NO. 089-3296**

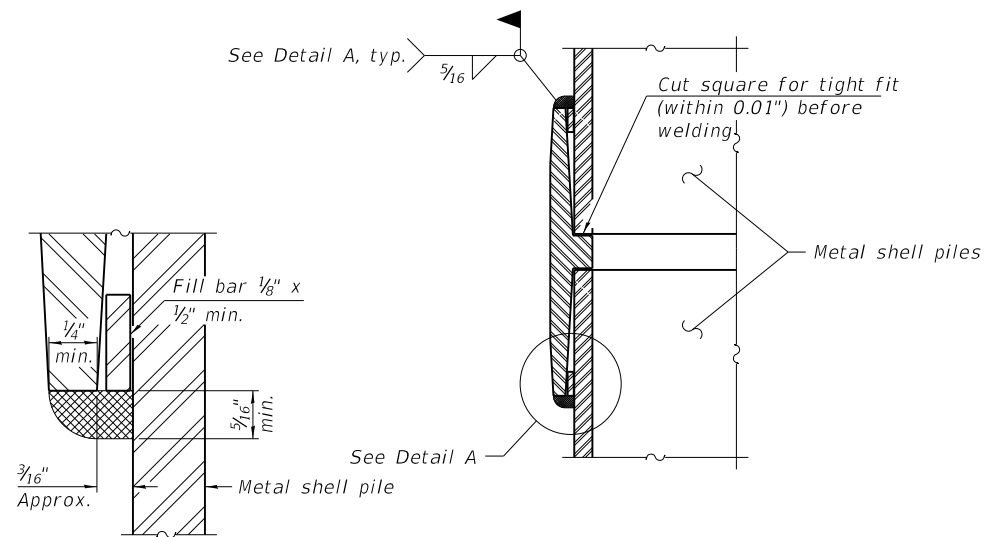
SHEET 8 OF 11 SHEETS

T.R. RTE. 199	SECTION 20-06122-00-BR	COUNTY Stephenson	TOTAL SHEETS 39	SHEET NO. 19
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

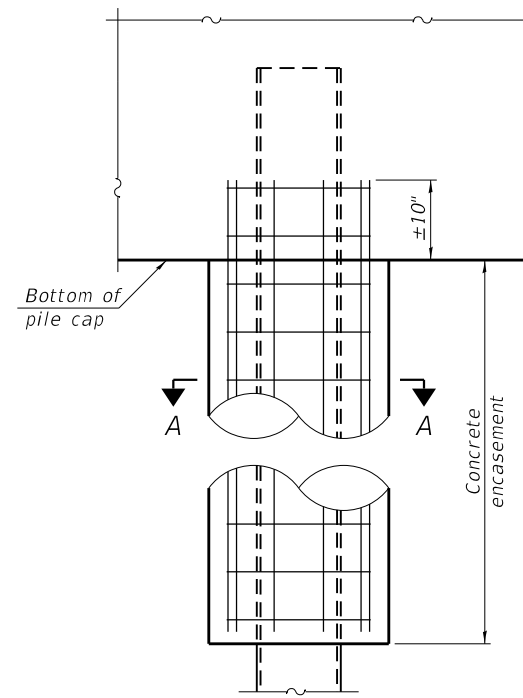


METAL SHELL PILE TABLE

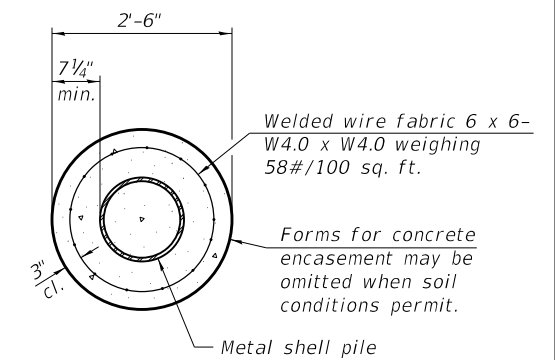
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A

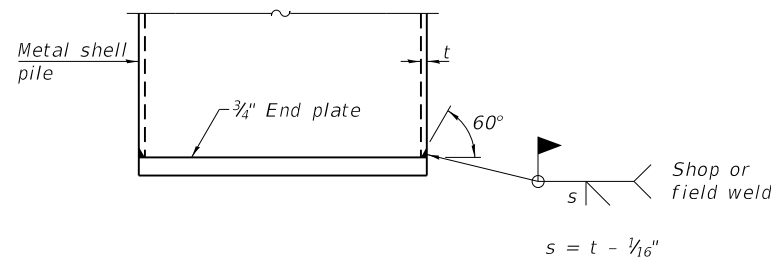


ELEVATION



SECTION A-A

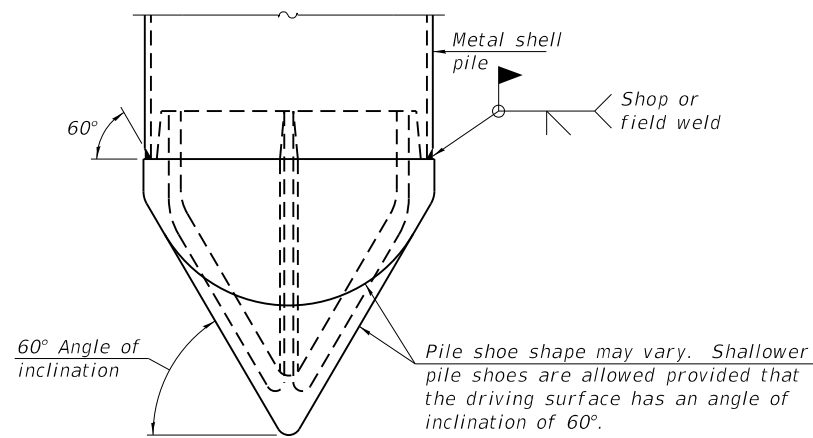
INDIVIDUAL PILE CONCRETE ENCASUREMENT
(When specified)



END PLATE ATTACHMENT

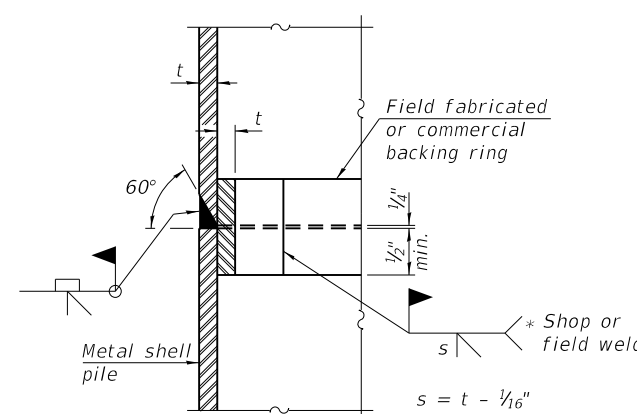
WELDED COMMERCIAL SPLICE

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.



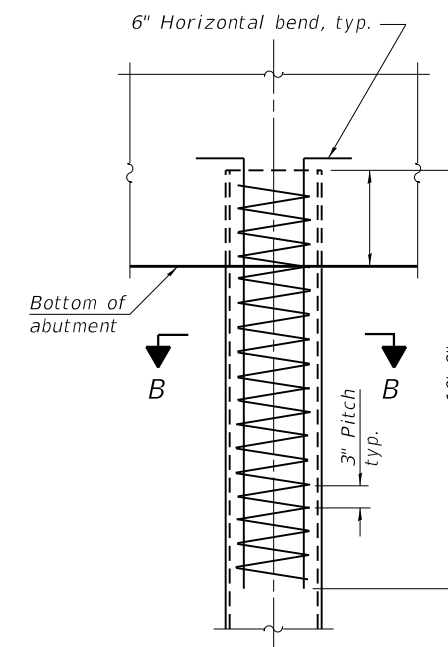
PILE SHOE ATTACHMENT

(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).

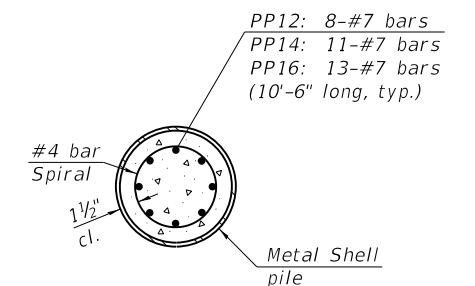


COMPLETE PENETRATION WELD SPLICE

* 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



SECTION B-B

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 1-1-2020

FILE NAME: C:\SP\WHKS & COL\Jobs-Spring - Projects\Stephenson County\0109 W Preston Rd Bridge\CADD\CAD_Sheets\08893296-0000.dgn



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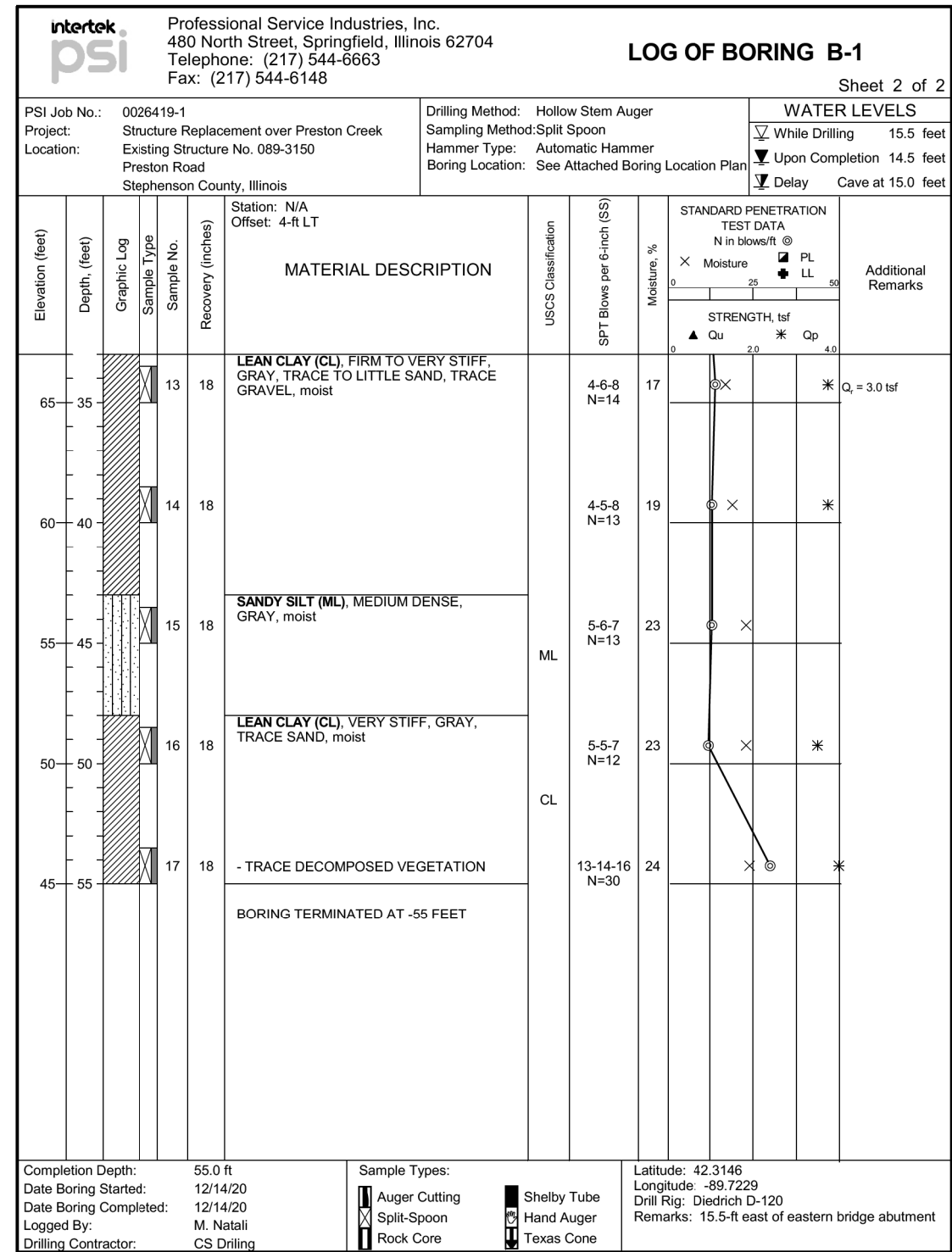
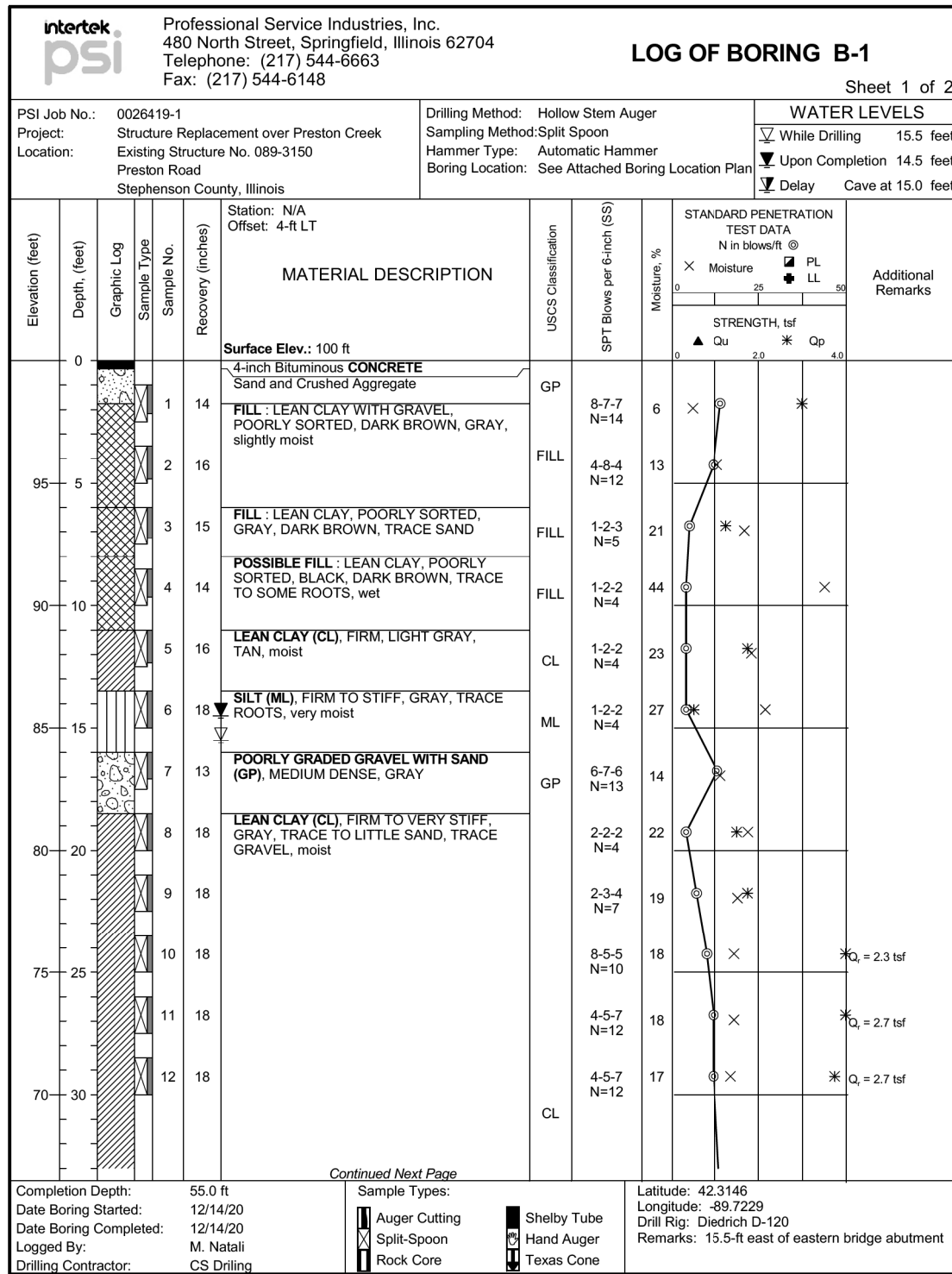
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**METAL SHELL PILE DETAILS
STRUCTURE NO. 089-3296**

SHEET 9 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	20
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

B-1 approximate boring surface elevation = 794.00'



FILE NAME: C:\SP\WHKS & CO\Jobs-Spring - Projects\Stephenson County\0109 W Preston Rd Bridge\CADD\CAD_Sheets\0893296-0000.dgn



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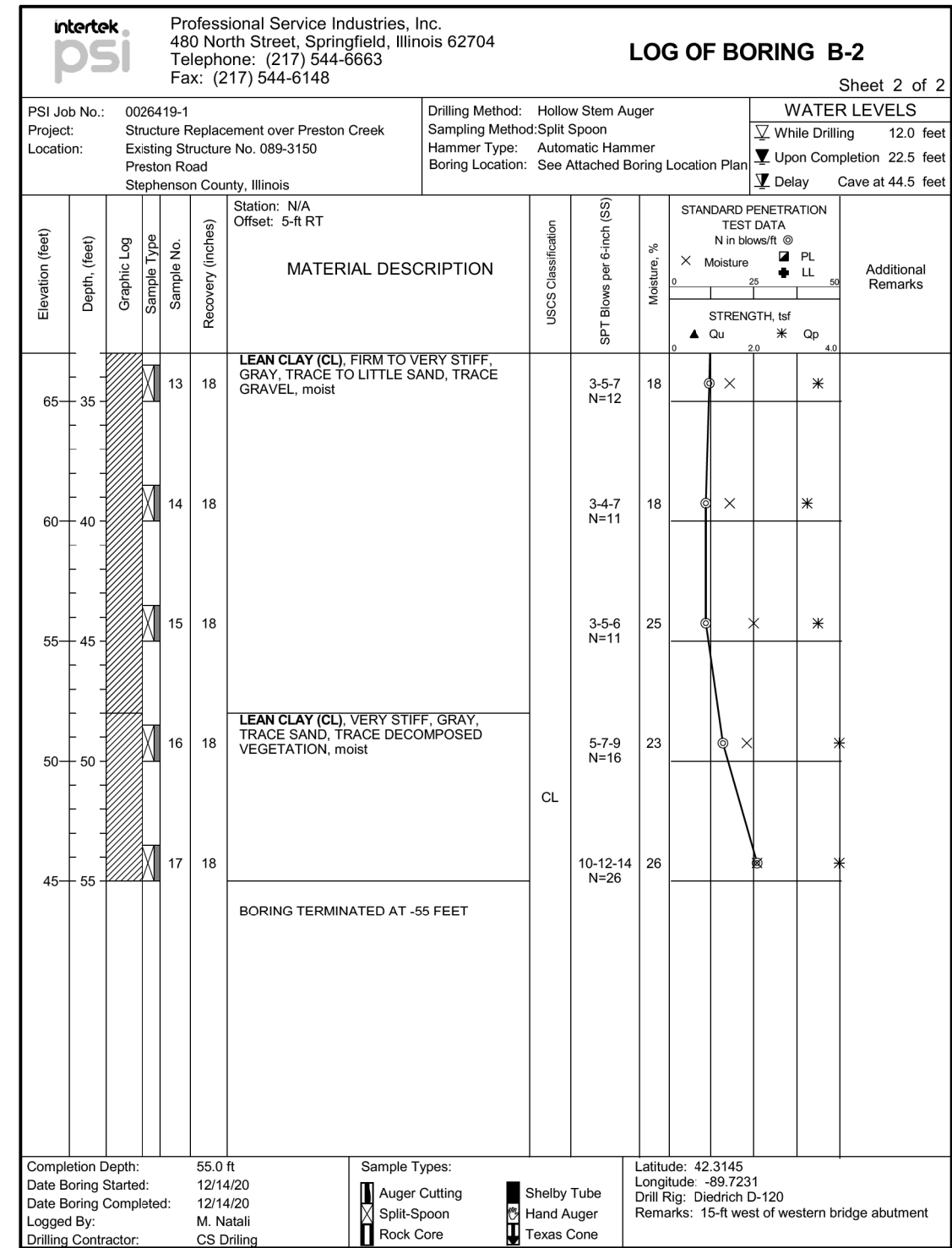
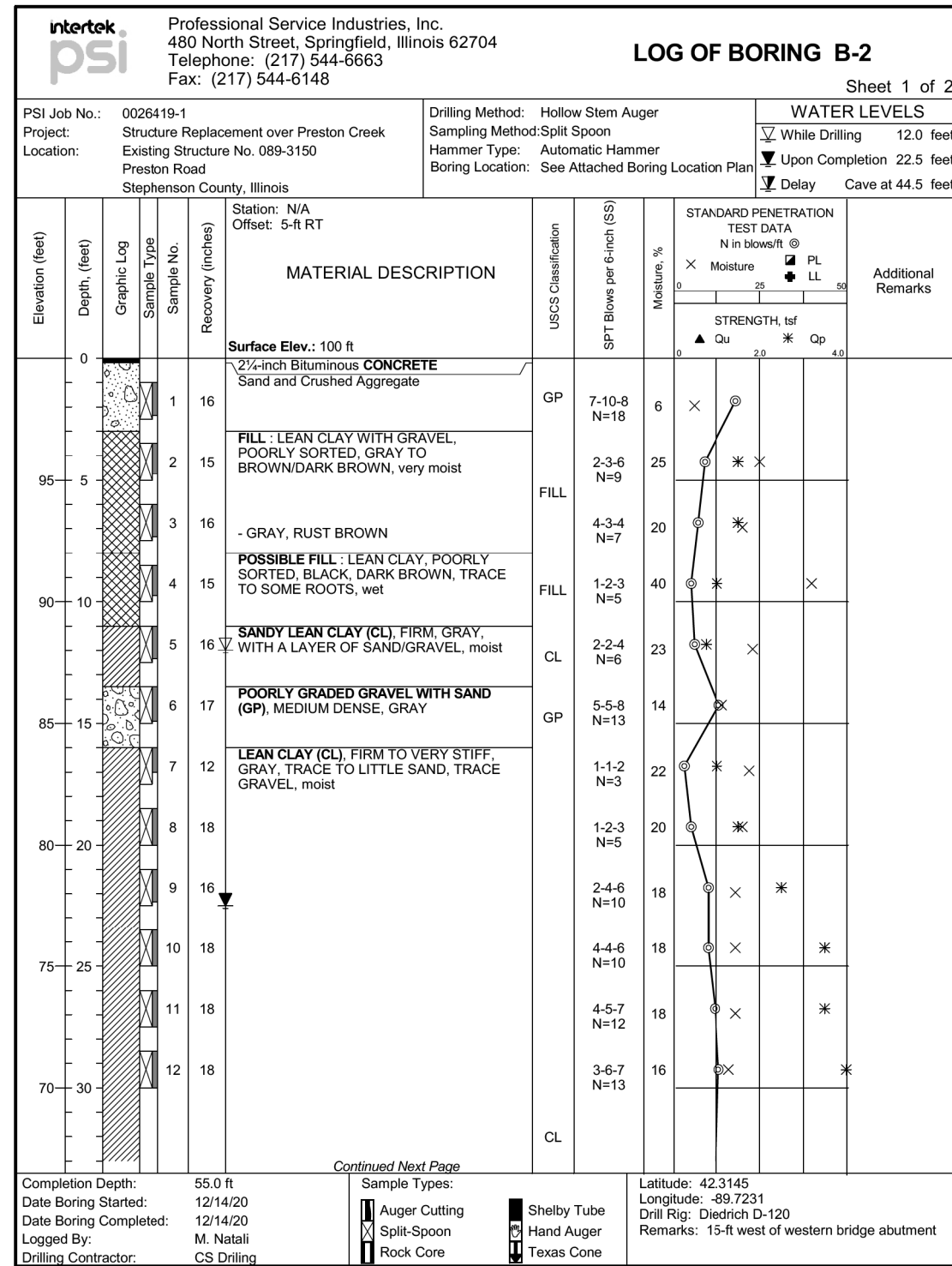
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
STRUCTURE NO. 089-3296**

SHEET 10 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	Stephenson	39	21
CONTRACT NO. 85722				
ILLINOIS		FED. AID PROJECT		

B-2 approximate boring surface elevation = 794.00'



FILE NAME: C:\SP\WHKS & CO\Jobs-Spring - Projects\Stephenson County\0109 W Preston Rd Bridge\CADD\CAD_Sheets\0893296-0000.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
STRUCTURE NO. 089-3296**

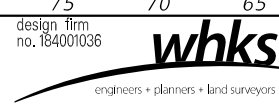
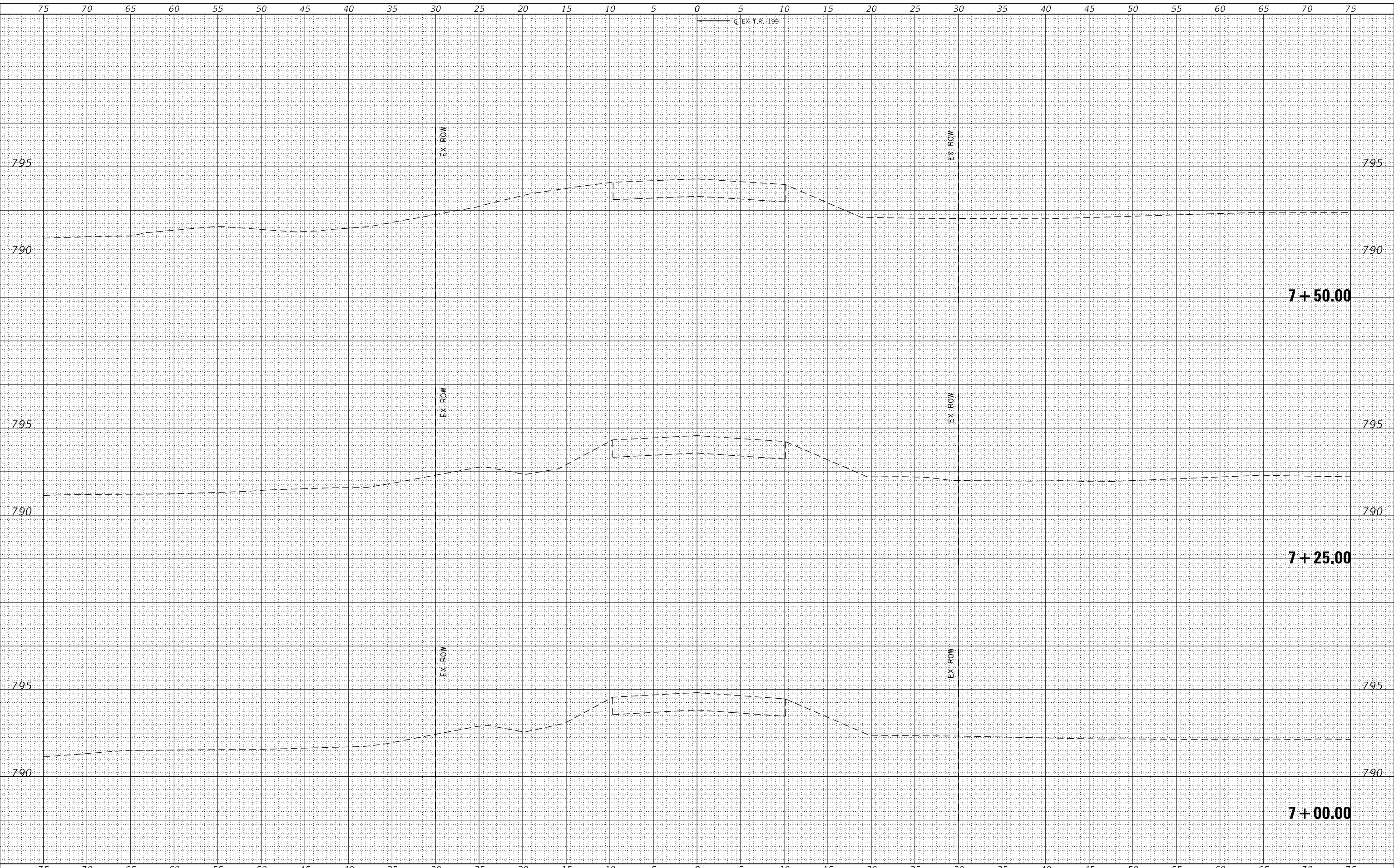
SHEET 11 OF 11 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 85722				
ILLINOIS		FED. AID PROJECT		

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

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

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	DRAWN - GSJ	REVISED -
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

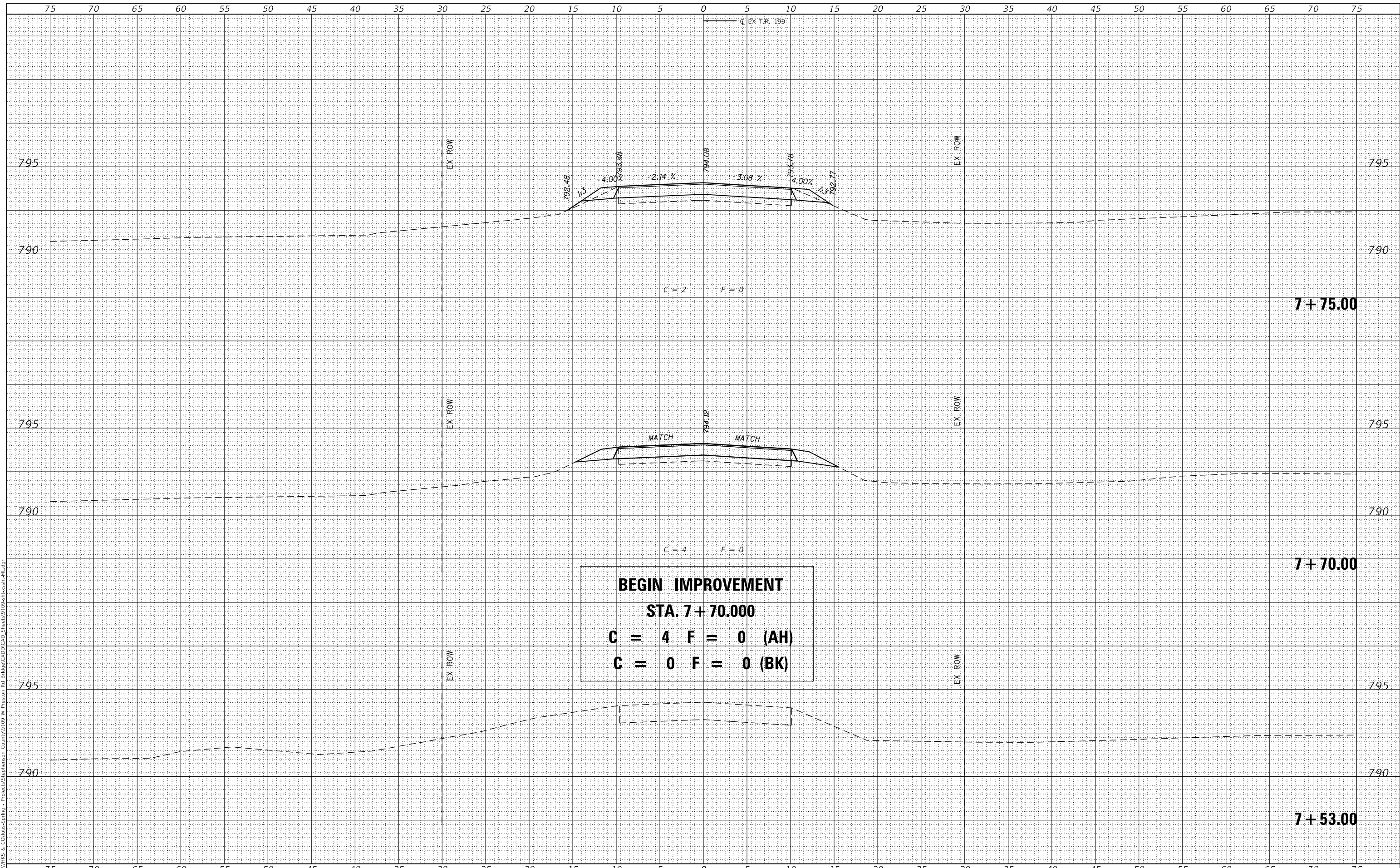
CROSS SECTIONS TR 199			
PRESTON ROAD OVER PRESTON CREEK			
SCALE: 1" = 5'	SHEET 1	OF 17 SHEETS	STA. 7+00.00 TO STA. 7+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 85722
				ILLINOIS FED. AID PROJECT

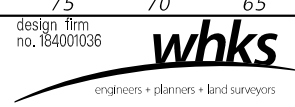
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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BEGIN IMPROVEMENT
STA. 7+70.000
C = 4 F = 0 (AH)
C = 0 F = 0 (BK)



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STEPHENSON COUNTY HIGHWAY DEPARTMENT

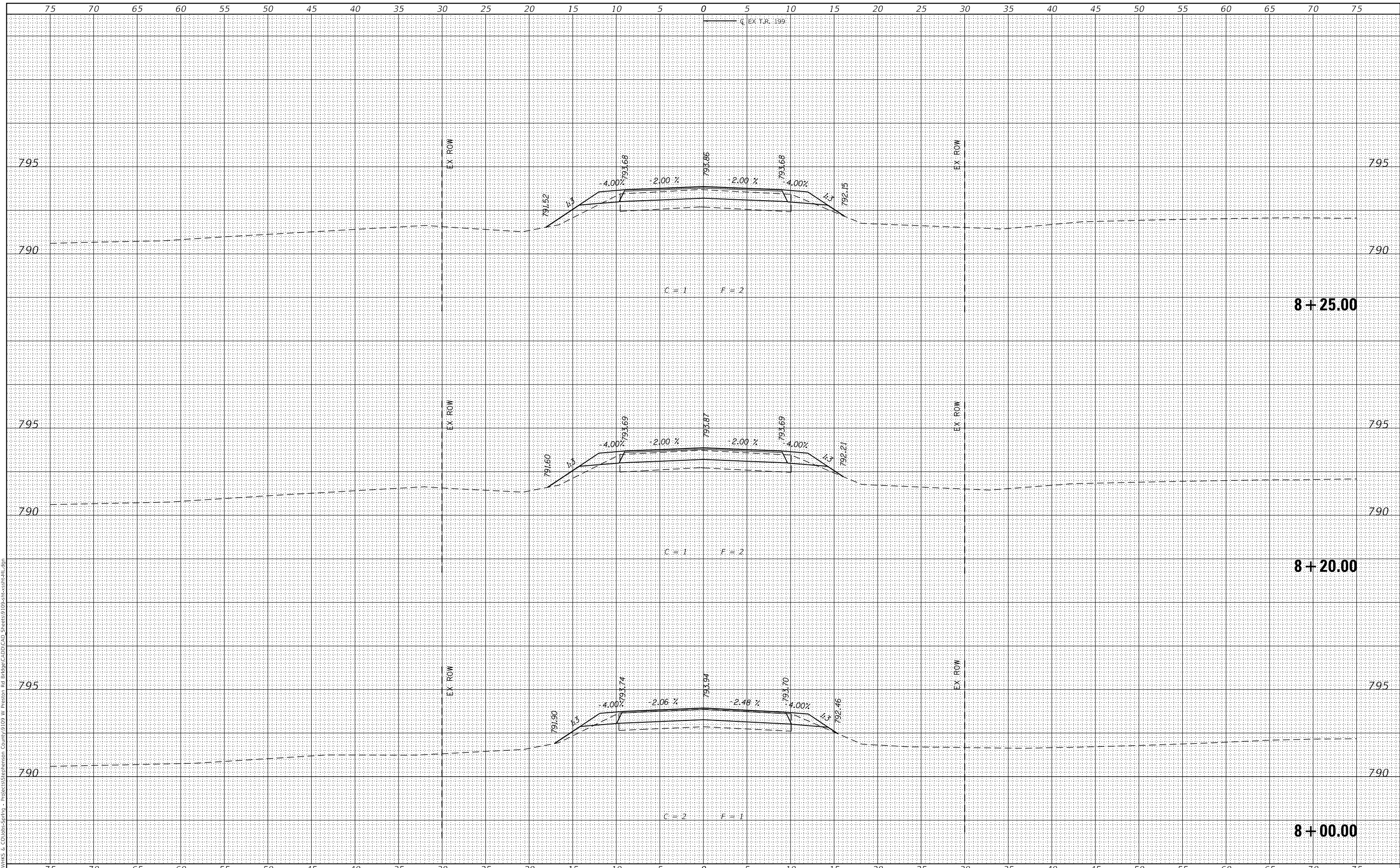
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SCALE: 1" = 5'	SHEET 2 OF 17 SHEETS	STA. 7+53.00 TO STA. 7+75.00	

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199	20-06122-00-BR	STEPHENSON	39	24
CONTRACT NO. 85722				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Definit
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whks
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - CWC	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1/20,000" = 1' / ft.	CHECKED - BJJ	REVISED -
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

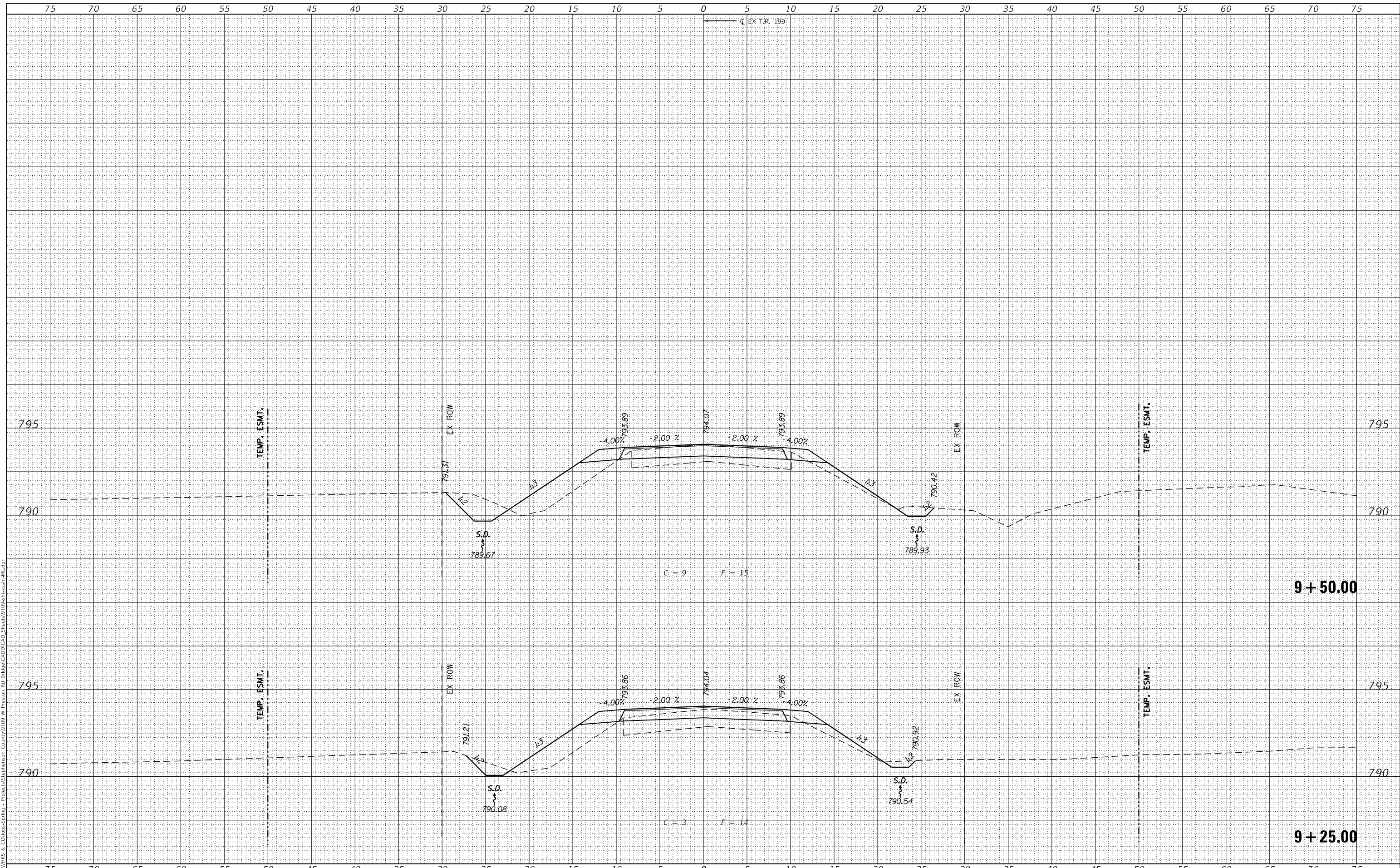
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PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 5'
 SHEET 3 OF 17 SHEETS
 STA. 8+00.00 TO STA. 8+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	25
CONTRACT NO. 85722				
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME = gjameson	DESIGNED - CWC	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1/20,000' / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 4/12/2022	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

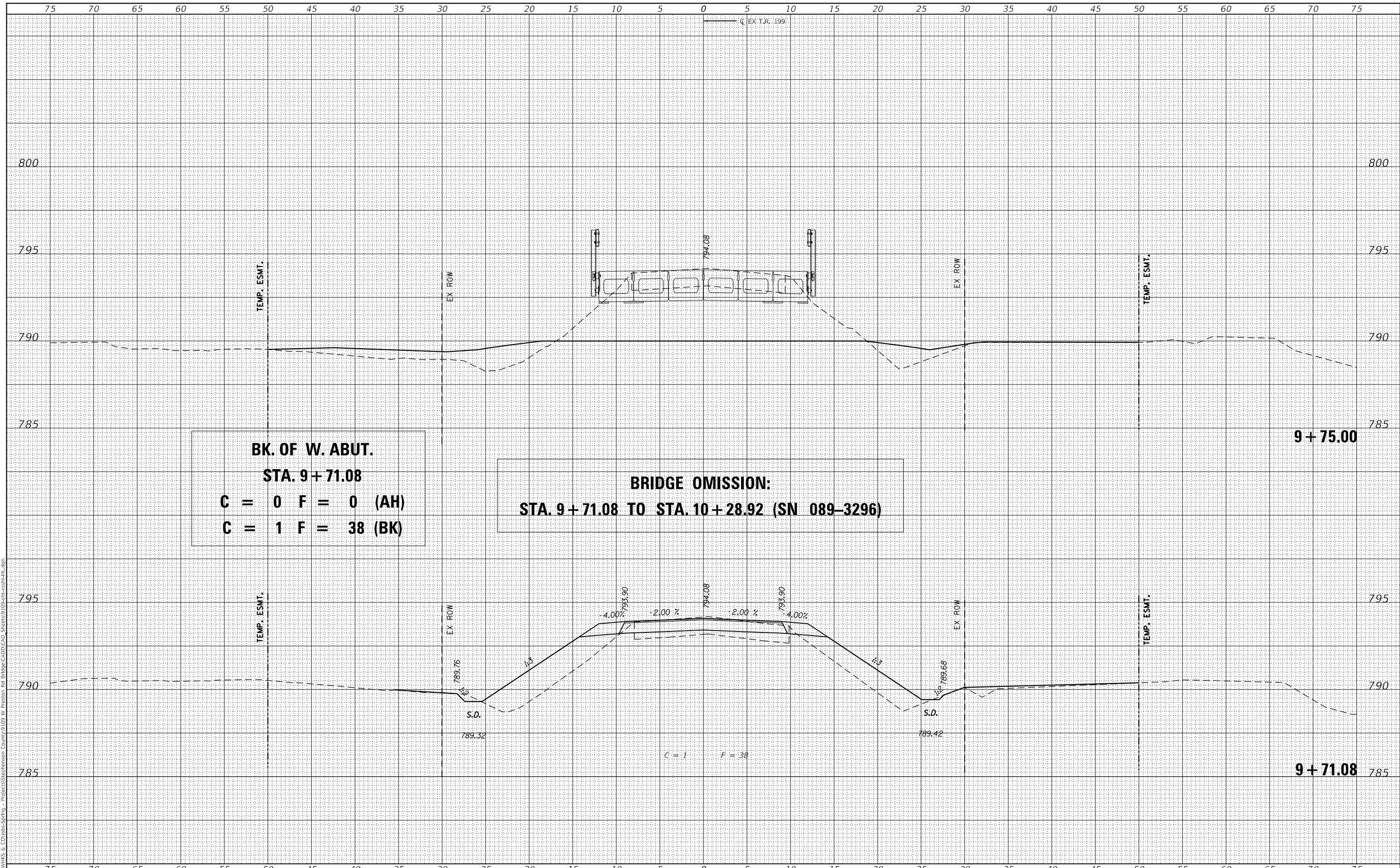
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PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 5'
 SHEET 5 OF 17 SHEETS
 STA. 9+25.00 TO STA. 9+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	27
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

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

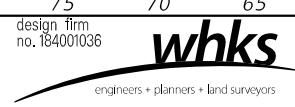
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BK. OF W. ABUT.
STA. 9+71.08
C = 0 F = 0 (AH)
C = 1 F = 38 (BK)

BRIDGE OMISSION:
STA. 9+71.08 TO STA. 10+28.92 (SN 089-3296)



USER NAME = gjameson	DESIGNED - CWC	REVISED -
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

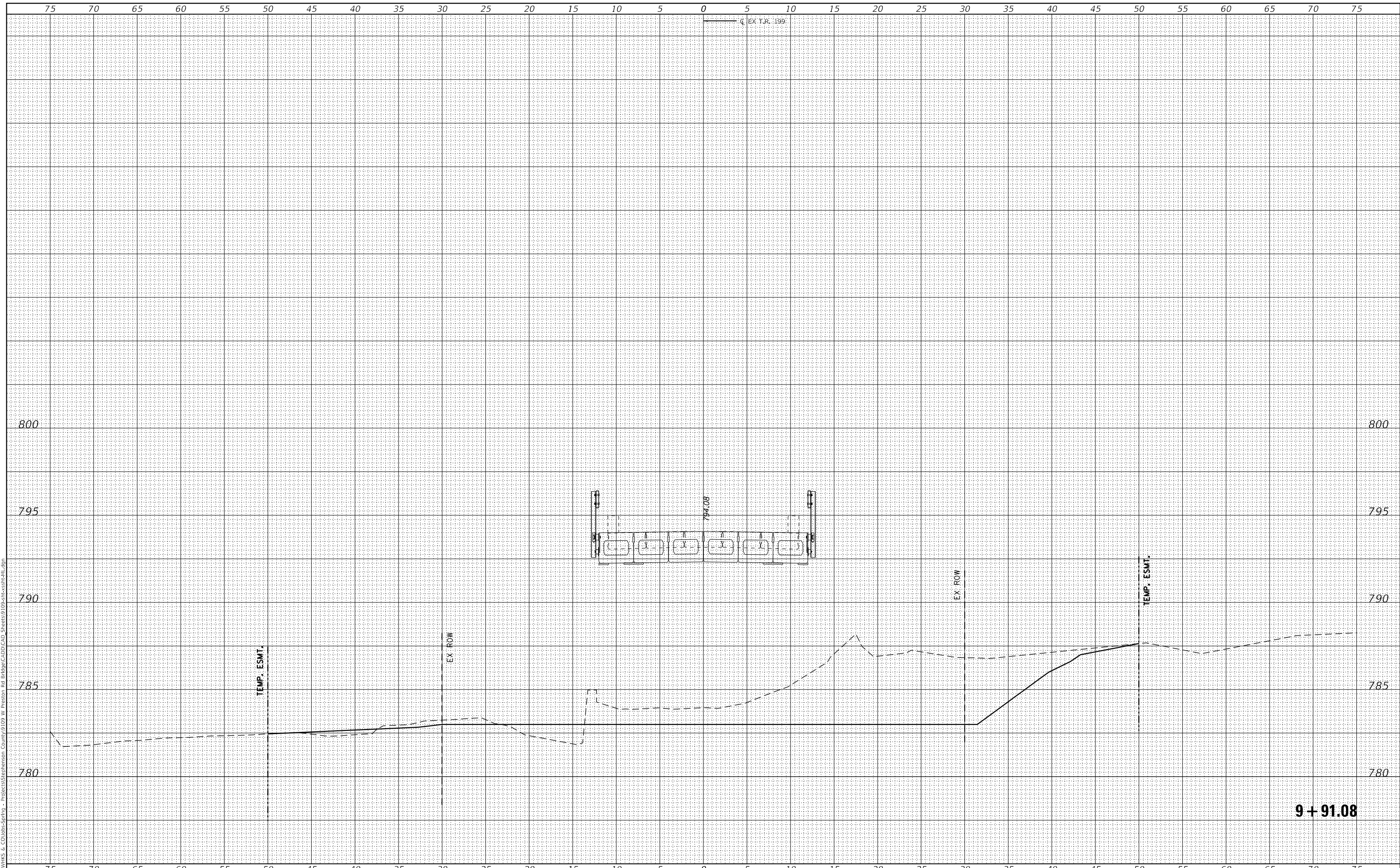
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SCALE: 1" = 5'	SHEET 6 OF 17 SHEETS
STA. 9+71.08 TO STA. 9+75.00	

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	28
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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USER NAME = gjameson	DESIGNED - CWC	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1/20,000" = 1" / ft.	CHECKED - BJJ	REVISED -
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

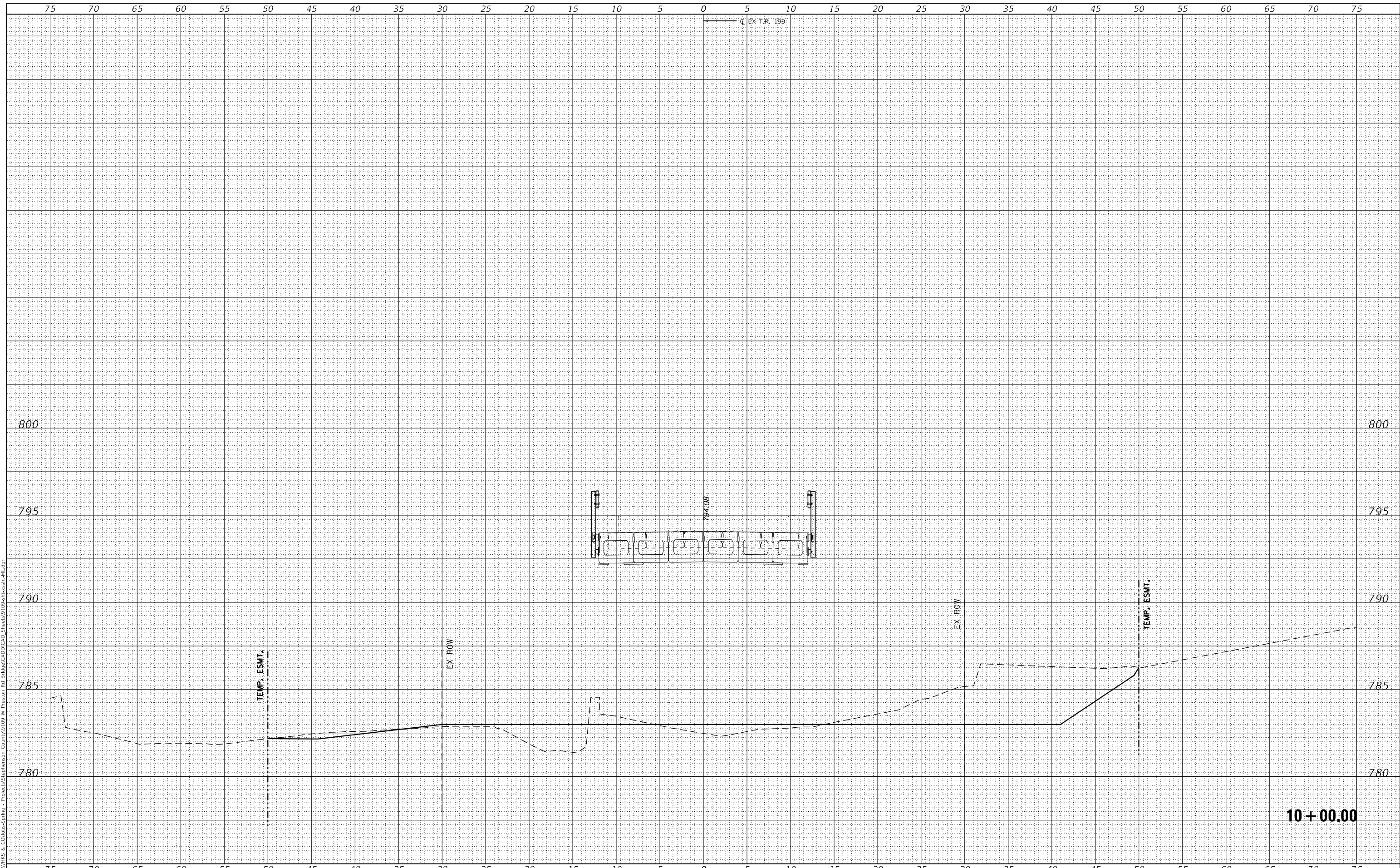
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PRESTON ROAD OVER PRESTON CREEK			
SCALE: 1" = 5'	SHEET 7	OF 17 SHEETS	STA. 9+91.08 TO STA. 9+91.08

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	29
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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USER NAME = gjameson	DESIGNED - CWC	REVISED -
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

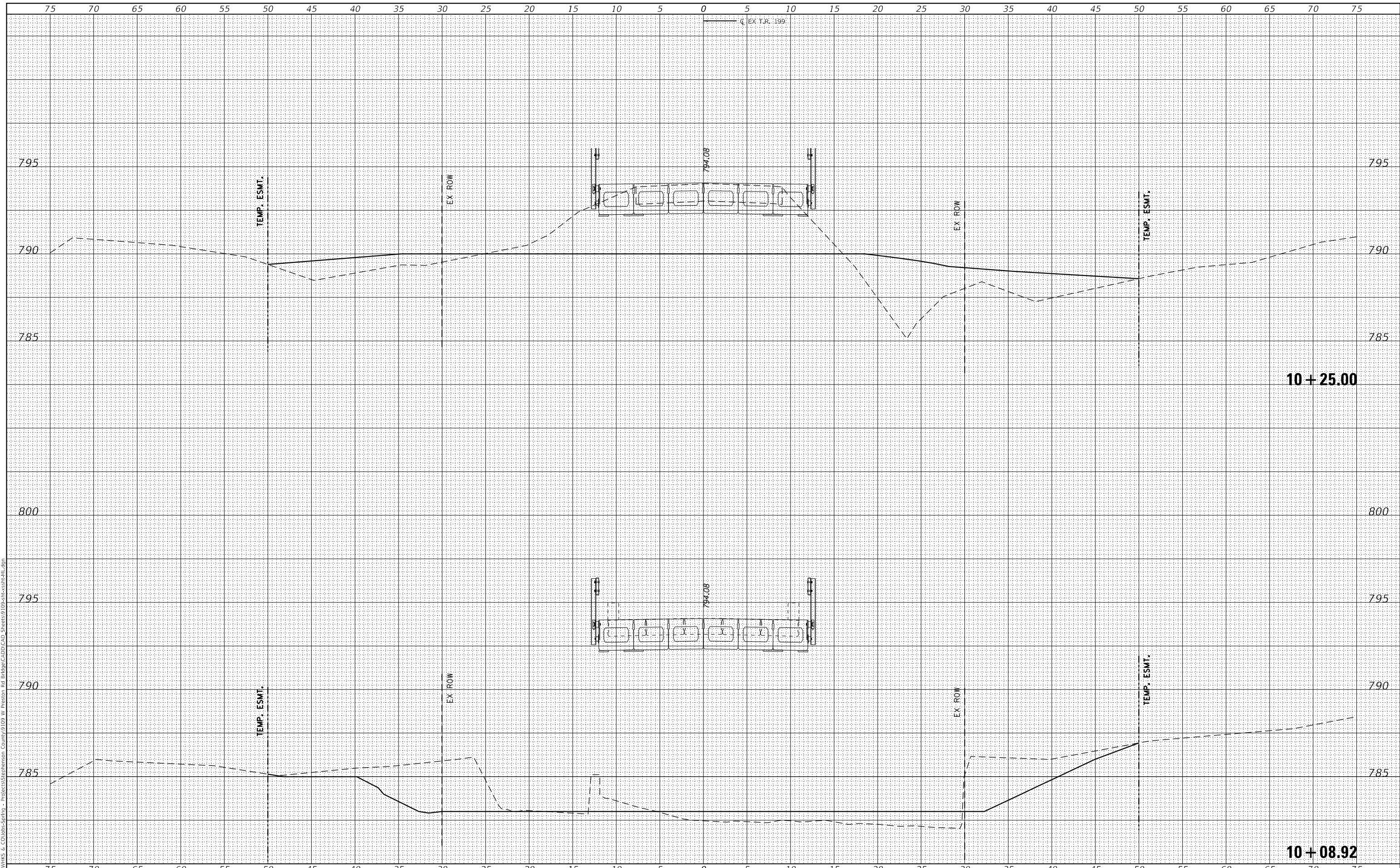
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PRESTON ROAD OVER PRESTON CREEK			
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199	20-06122-00-BR	STEPHENSON	39	30
				CONTRACT NO. 85722
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
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DATE	
BY	
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

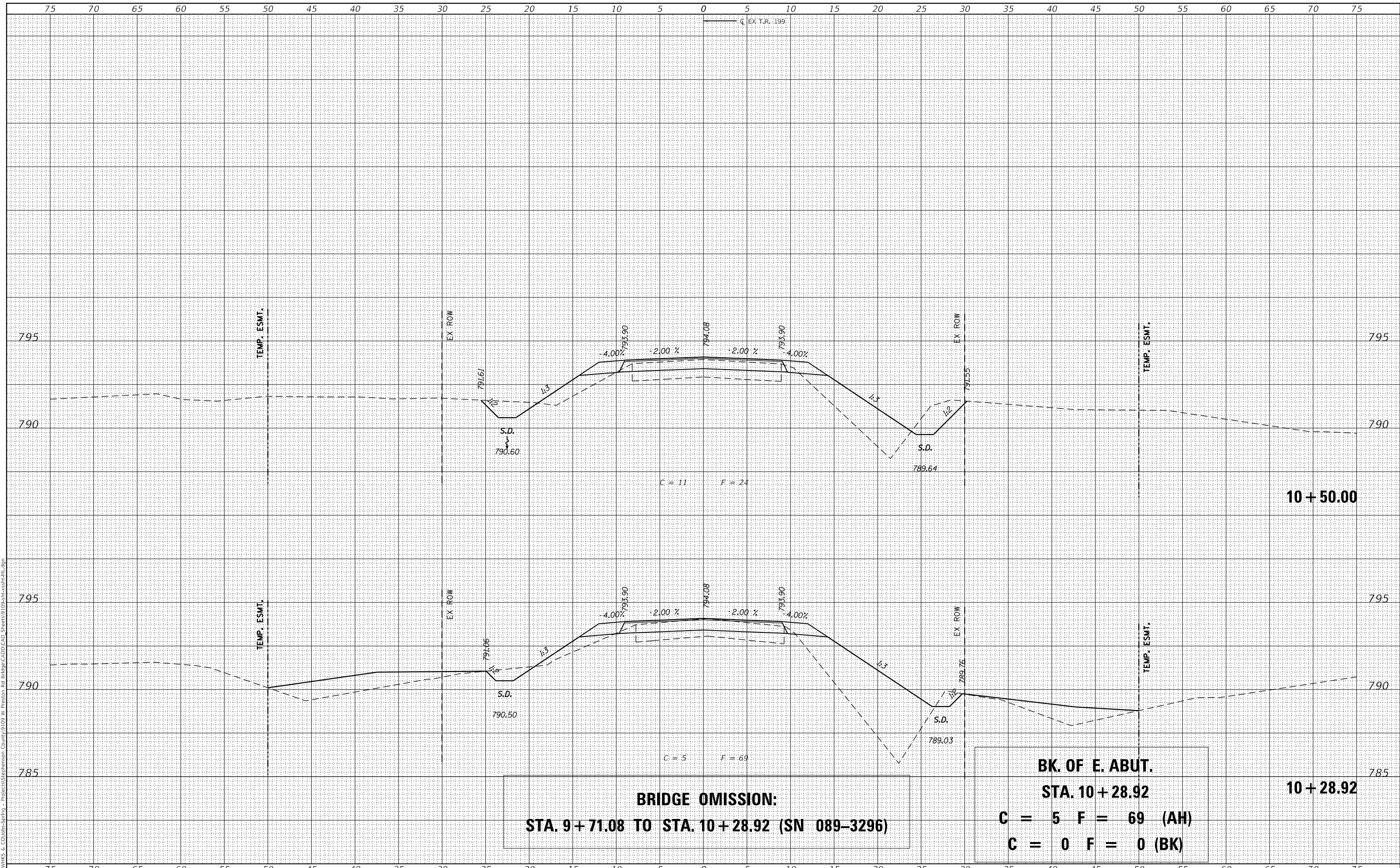
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PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 5'
 SHEET 9 OF 17 SHEETS
 STA. 10+08.92 TO STA. 10+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	31
			CONTRACT NO. 85722	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
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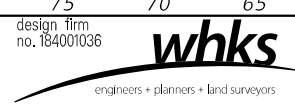
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BRIDGE OMISSION:
STA. 9 + 71.08 TO STA. 10 + 28.92 (SN 089-3296)

BK. OF E. ABUT.
STA. 10 + 28.92
C = 5 F = 69 (AH)
C = 0 F = 0 (BK)



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STEPHENSON COUNTY HIGHWAY DEPARTMENT

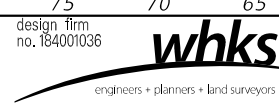
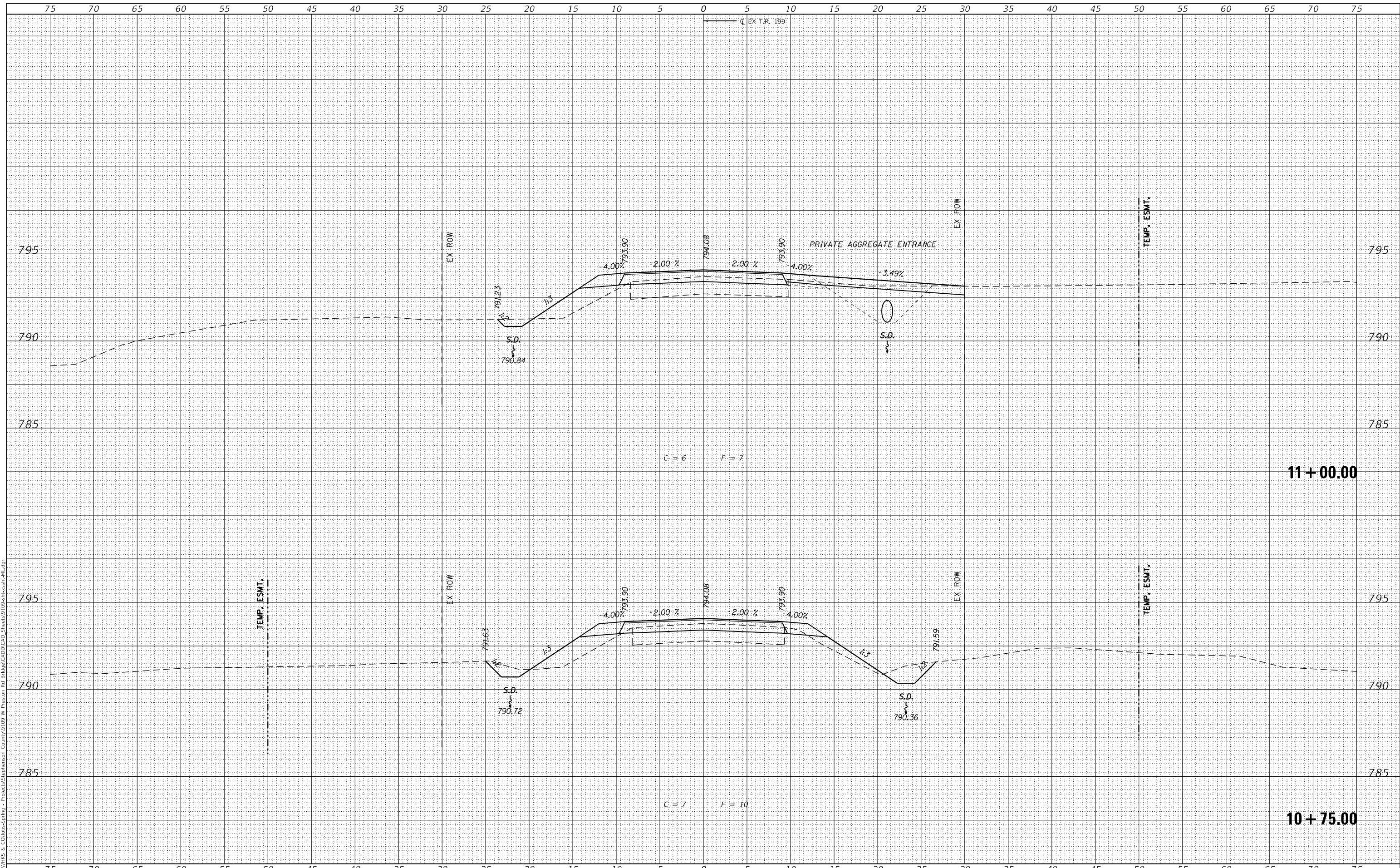
CROSS SECTIONS TR 199			
PRESTON ROAD OVER PRESTON CREEK			
SCALE: 1" = 5'	SHEET 10	OF 17 SHEETS	STA. 10+28.92 TO STA. 10+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	32
			CONTRACT NO. 85722	
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

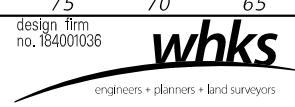
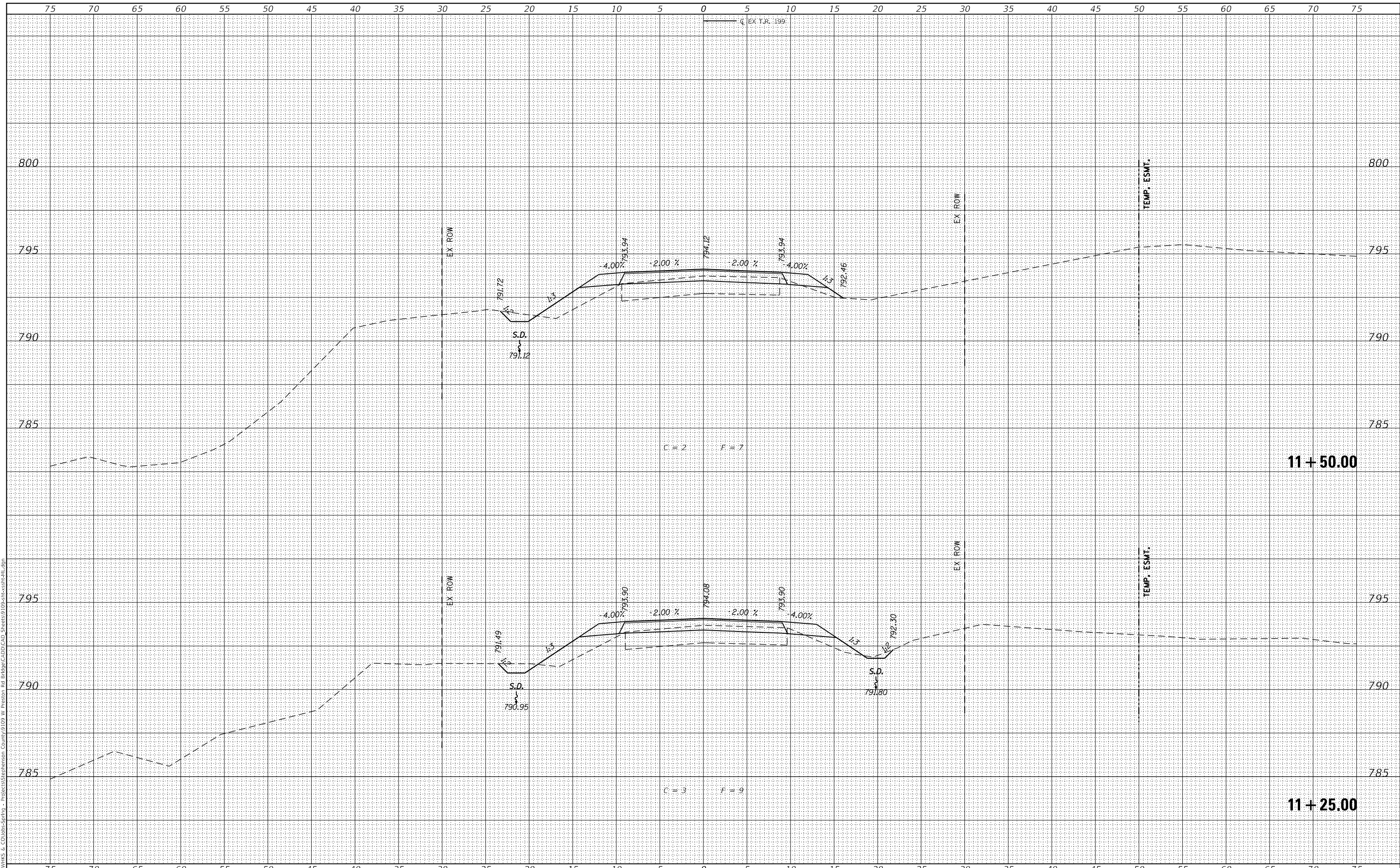
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SCALE: 1" = 5'	SHEET 11	OF 17 SHEETS	STA. 10+75.00 TO STA. 11+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	33
CONTRACT NO. 85722				
ILLINOIS		FED. AID PROJECT		

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

DATE	
BY	
SURVEYED	
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STEPHENSON COUNTY HIGHWAY DEPARTMENT

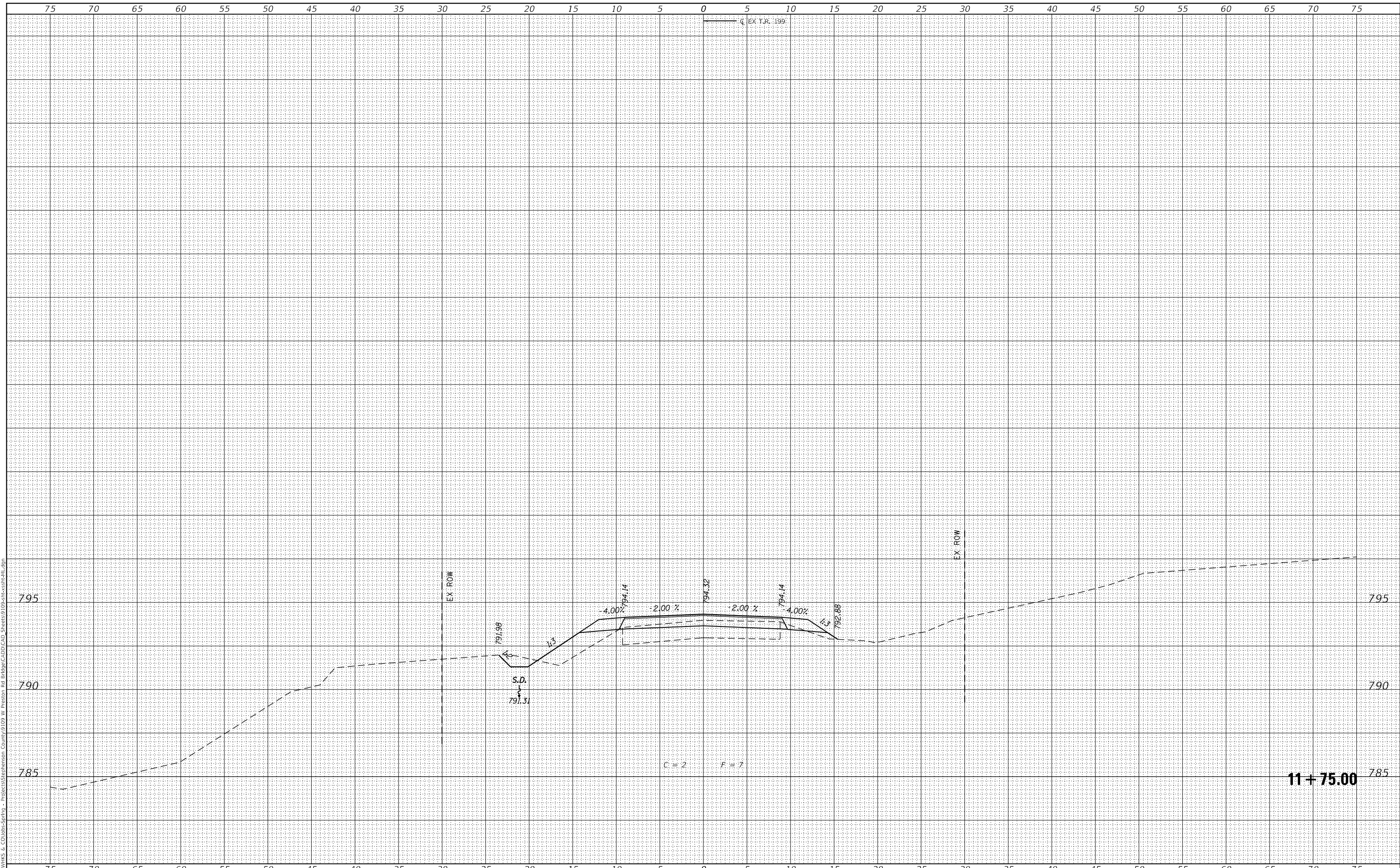
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 STA. 11+25.00 TO STA. 11+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	34
			CONTRACT NO. 85722	
			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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design firm
 no. 184001036
whks
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - CWC	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1/20,000" = 1" / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 4/12/2022	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

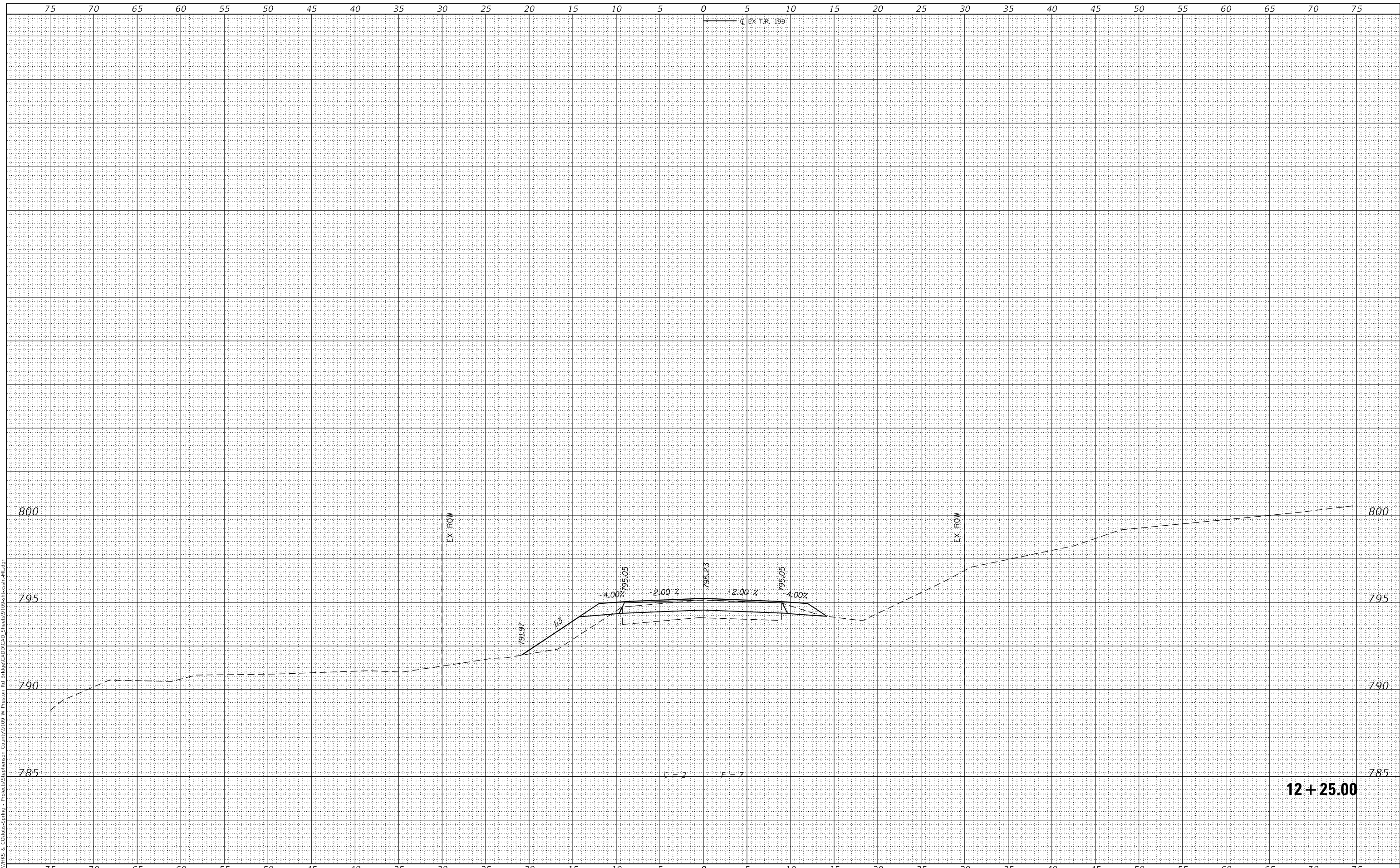
CROSS SECTIONS TR 199
PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 5'
 SHEET 13 OF 17 SHEETS
 STA. 11+75.00 TO STA. 11+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	35
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit
 FILE NAME: C:\pawmks & Co\libs-springs - Projects\Stephenson County\DDP W Preston Rd Bridge\CADD\CAD Sheets\09-sheets\hull.dgn



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PLOT SCALE = 1/20,000' / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 4/12/2022	CHECKED - BJJ	REVISED -
	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

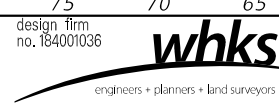
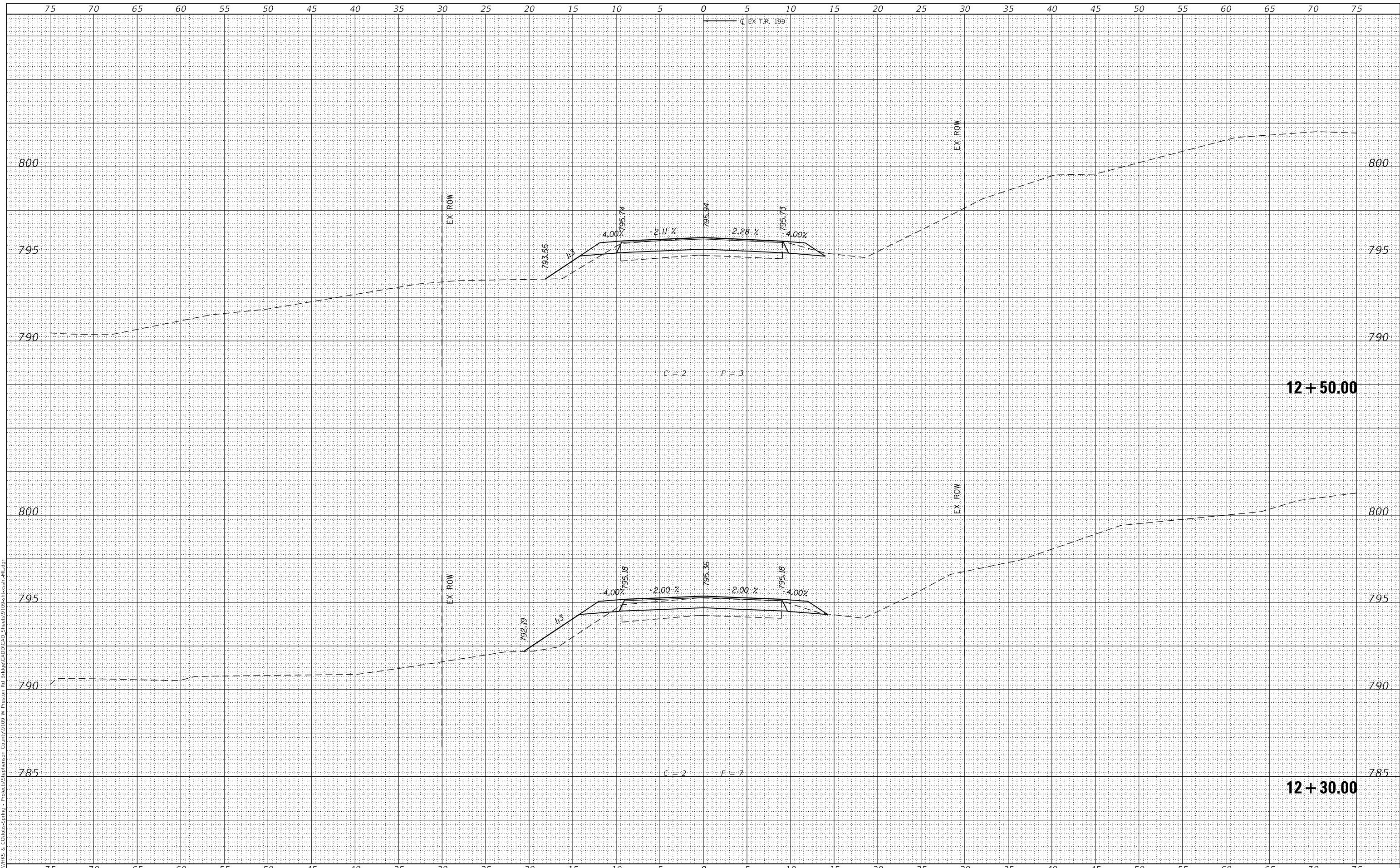
CROSS SECTIONS TR 199
PRESTON ROAD OVER PRESTON CREEK
 SCALE: 1" = 5'
 SHEET 15 OF 17 SHEETS
 STA. 12+25.00 TO STA. 12+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	37
CONTRACT NO. 85722				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = gjameson	DESIGNED - CWC	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1/20,000" = 1' / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 4/12/2022	DATE - 4/12/2022	REVISED -

STEPHENSON COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS TR 199			
PRESTON ROAD OVER PRESTON CREEK			
SCALE: 1" = 5'	SHEET 16	OF 17 SHEETS	STA. 12+30.00 TO STA. 12+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
199	20-06122-00-BR	STEPHENSON	39	38
			CONTRACT NO. 85722	
		ILLINOIS	FED. AID PROJECT	

