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- 7 CROSS SECTIONS
- 8 CROSS SECTIONS
- 9 CROSS SECTIONS
- IO CROSS SECTIONS
- II GENERAL PLAN & ELEVATION
- 12 HORIZONTAL CONTROL, BENCH MARKS & R.O.W.
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- 15 FOOTING LAYOUT RAMP E
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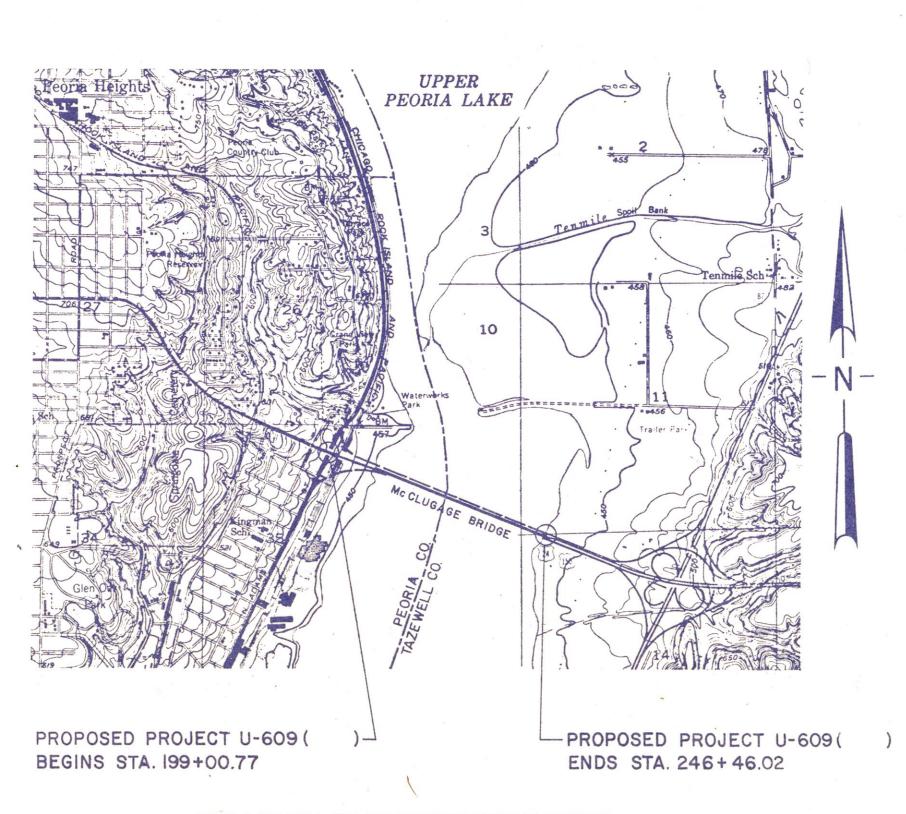
DESIGN DESIGNATION
3996 (94) MAJOR (PCC-20)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A. ROUTE 31
SECTION 15 B-2
PROJECT U-609 ()
PEORIA-TAZEWELL COUNTIES

C-94-121-76



NET LENGTH OF PROPOSED IMPROVEMENT 4745.25 LIN. FT. = 0.90 MI.

> LAYOUT SCALE = I" = 2000'

PROPOSED IMPROVEMENT INCLUDES COMPLETE CONSTRUCTION OF PIERS 2 THRU 9 INCLUSIVE, PIER 2F, PIERS 2E THRU 9E INCLUSIVE, WEST ABUTMENT, NORTH ABUTMENT AND SOUTH ABUTMENT. THESE PIERS WILL EVENTUALLY SUPPORT A TWO LANE CANTILEVER TRUSS WITH PLATE GIRDER APPROACHES, AN EXIT RAMP FROM THE NEW STRUCTURE AND AN ENTRANCE RAMP TO THE EXISTING STRUCTURE. THE IMPROVEMENT WILL CARRY F.A. ROUTE 3I (U.S. RT. 24) OVER THE ILLINOIS RIVER AT PEORIA. ALSO INCLUDED ARE PAVEMENT REMOVAL, WIDENING, AND RESURFACING OF RAMPA AND WIDENING ON ADAMS ST.

OFFICE COPY

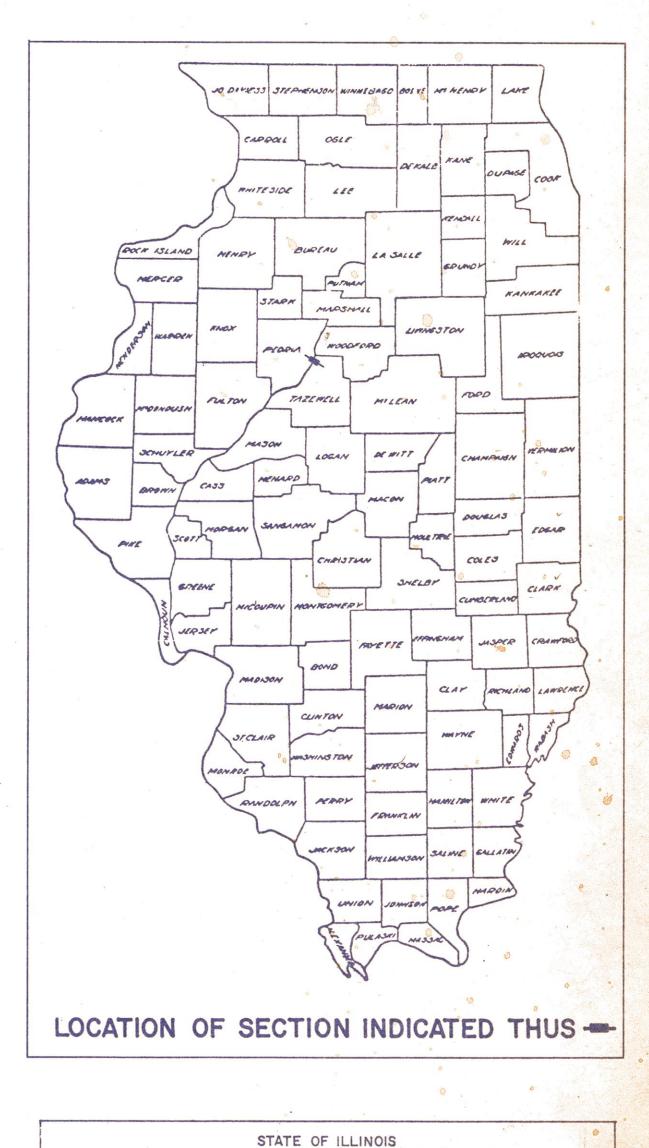
FINAL DESIGN PRINTS

SUBSTRUCTURE - PHASE II

(1 set sent to Don Eleming)

ROUTE NO.	SEC.	CO	WITY	TOTAL	SHEET RO.
F.A. 31	15 B-2	PEORIA AND TAZEWELL		52	1
PED. ROAD I	NST. NO. 7	NLL/19088	PROJECT	11	K

P-94-156-69



	DEPARTMENT OF TRA	9.	
	DIVISION OF H	IGHWAYS	
SUBMITTED_	19		•
(5)	*	*	
		DISTRIC	T ENGINEER
EXAMINED_	19	@	
	ENGINEER: (OF ROAD PLANS AND	CONTRACTS
PASSED	19		
8		ENGINEER	R OF DESIGN
APPROVED	19	•	
***************************************	UNDER SECRETARY - CHIE	F TRANSPORTATIO	N ENGINEER
	* 6		
APPROVED			
	SECRETARY OF THE DEP	ARTMENT OF TRAN	ISPORTATION
	DEPARTMENT OF TRA		
APPROVE	0		
APPROVE	U CONTRACTOR OF THE CONTRACTOR		
	DIVISION ENGINEER	DATE	E

CONSTR. TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITY		
201 001	TREE REMOVAL (6 TO 15 INCH DIAMETER)	IN.DIA.	584		
201002	TREE REMOVAL (OVER 15 INCH DIAMETER)	IN.DIA.	580		
202001	EARTH EXCAVATION	CU.YD.	1.21.		
	BITUMINOUS BASE COURSE 10 INCHES	SQ.YD. SQ.YD.	424 467		
306002	BITUMINOUS CONCRETE BASE COURSE WIDENING 10 INCHES	TON	22		
406006 X40615	LEVELING BINDER (HAND METHOD) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, MIX D	TON	156		
501016	REMOVAL OF EXISTING SUPERSTRUCTURE	EACH	1		
501022	CONCRETE REMOVAL	CU.YD.	9.6		
501032	EXPANSION BOLTS 7/8" Ø	EACH	347		
502001	STRUCTURE EXCAVATION	CU.YD.	2,391		
502003	COFFERDAM EXCAVATION	CU.YD.	2,046		
502027	COFFERDAM PIER 9	EACH	1		
502028	COFFERDAM PIER 8	EACH	1		
502029	COFFERDAM PIER 7	EACH	1		
502030	COFFERDAM PIER 6	EACH	1		
502031	COFFERDAM PIER 9 E	EACH	1		
502032	COFFERDAM PIER 8 E	EACH	1 1		
502033	COFFERDAM PIER 7 E	EACH	1		
502034	COFFERDAM PIER 6 E	EACH	1		
502035	COFFERDAM PIER 4	EACH	4451,2 44		
504002	CLASS A CONCRETE	CU.YD.	165.4 165.		
504003	CLASS X CONCRETE	CU.YD.	519.1		
504004 504008	SEAL COAT CONCRETE CLASS X CONCRETE (OUTLETS)	CU.YD.	1.0		
512001	REINFORCEMENT BARS	LBS.	457,490 461		
51 301 3		LIN.FT.	2,538		
51 301 5	FURNISHING STEEL PILES HP 10 X 42 FURNISHING STEEL PILES HP 10 X 57 FURNISHING STEEL PILES HP 12 X 53	LIN. FT. LIN. FT.	8', 547		
51 301 7	FURNISHING STEEL PILES HP 14 X 73	LIN.FT.	2 ,473 905		
51 3021	FURNISHING CONCRETE PILES 12" DIA.	LIN.FT.	10,213		
51 3026	DRIVING STEEL PILES	LIN.FT.	13,058		
51 3027	DRIVING CONCRETE PILES	LIN.FT.	10,213		
51 3033	TEST PILE - STEEL HP 10 X 42 TEST PILE - STEEL HP 10 × 57 TEST PILE - STEEL HP 12 X 53	EACH EACH EACH	2 4		
51 3035					
513037	TEST PILE - STEEL HP 14 X 73	EACH	3 2 11		
51 3041	TEST PILE - 12" CONCRETE	EACH	4,017		
51 3050	STEEL SHEET PILING	SQ.FT.	1,128		
51 3052	TEMPORARY STEEL SHEET PILING	EACH	2		
612154	INLETS, TYPE A, TYPE 3 FRAME & GRATE INLETS, TYPE A, TYPE 8 GRATE	EACH	1		
615003	FILLING EXISTING INLETS	EACH	3		
616029	COMBINATION CONCRETE CURB & GUTTER, TYPE 8-6.12	LIN.FT.	140		
616041	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	LIN.FT.	356		
616065	COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.06	LIN.FT.			
616083	COMBINATION CONCRETE CURB & GUTTER, TYPE M-624	LIN.FT.			
	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.06	LIN.FT.			
617001	PAVEMENT REMOVAL	SQ.YD.			
617005	COMB. CURB & GUTTER REMOVAL	LIN.FT.			
617008	BITUMINOUS CONCRETE SURFACE REMOVAL	SQ.YD.	187 150		
617020	MEDIAN REMOVAL	SQ.FT.	150		
620041	PAVEMENT REMOVAL & PORTLAND CEMENT CONCRETE	SQ.YD.	29		
600004	REPLACEMENT SPECIAL 9" STEEL PLATE BEAM GUARD RAIL	LIN.FT.			
628001 628003	STEEL PLATE BEAM GUARD RAIL, SINGLE RAIL (SPECIAL)	LIN.FÍ.			
629003	CHAIN LINK FENCE, 6'	LIN.FT.			
629110	TEMPORARY FENCE	LIN.FT.			
623001	METAL PLATE GUARD RAIL REMOVAL	LIN.FT.	214		
633004	CABLE ROAD GUARD REMOVAL	LIN.FT.	400		
642002	SEEDING, CLASS II	ACRE	0.6		
646001	ENGINEER'S FIELD OFFICE, TYPE A	EACH	1		
\$35001	HANDHOLE	EACH	1		
\$37001	TRENCH & BACKFILL	LIN.FT.	65		
	POLE, METAL 30 FT. MH 10 FT. MAST ARM	EACH	1		
1	POLE FOUNDATION	EACH	1 1		

POLE FOUNDATION

SUMMARY OF QUANTITIES

CONSTR. TYPE CODE TOTAL QUANTITY UNIT ITEM CODE NO ELECTRIC CABLE, UNIT DUCT. 2-600 VXLP #6; 1 INCH IN.FT 65 POLYETHYLENE 65 _IN.FT ELECTRIC CONDUCTOR (BARE ANNEALED COPPER) NO.6 EACH LAMP, 400 WATT HPS LUMINAIRE, SODIUM VAPOR, W/BUILT IN REGULATOR BALLAST 400 WATT 85 LIN.FT BARRICADES Z10010 SQ.FT. 78 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS T50101 4,447 LIN.FT THERMOPLASTIC PAVEMENT MARKING - LINE 4" T50103 155 LIN.FT THERMOPLASTIC PAVEMENT MARKING - LINE 8" T50106 246 LIN.FT THERMOPLASTIC PAVEMENT MARKING - LINE 12" T50107 EACH LIGHT STANDARD & FOUNDATION REMOVAL L.SUM TRAFFIC CONTROL & PROTECTION SPECIAL XX0264 EACH TRAFFIC BARRIER TERMINAL, TYPE I EACH TRAFFIC BARRIER TERMINAL, TYPE 11

OUTLET - STATION 61+10± 30' RT.

FA. 31 15B-2. PEORIA 52 2.

STA. TO STA.

FHWA REG. No. 4 ILLINOIS FED. AID PROJECT

OND ISSUE SECTION COUNTY SHEETS

QUANTITIES CLASS X CONCRETE = 1.0 C.Y.

TY. B612 COMB. C&G.

CONC. C&G

CONC. C&G

TY. B612

COMB. C&G.

COMB. C&G.

TY. B612

COMB. C&G.

TY. B612

COMB. C&G.

TY. B612

COMB. C&G.

TY. B612

COMB. C&G.

TYPE 3 FRAME STD. 2214

TYPE 3 FRAME STD. 2214

TYPE A INLET STD. 1683

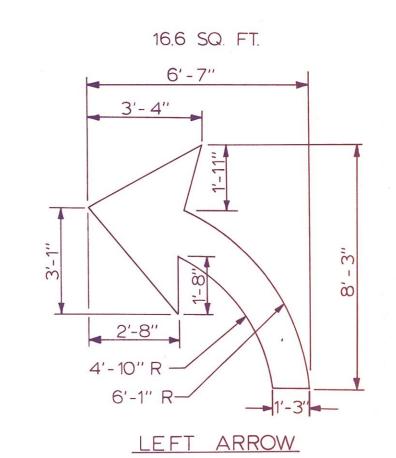
EACH INLET TYPE A WITH TYPE

3 FRAME & GRATE SEE STDS. 2214 & 1683-1

USE 1/2 \$\Phi\$ STEEL TIE BARS @ 2'-6" CTRS. (INCIDENTAL TO CLASS X (OUTLET))

ARROW DETAILS

22.4 SQ. FT.



RESURFACING AND WIDENING QUANTITIES

RESURFACING AND WIDENING QUANTITIES								
LOCATION	LENGTH (FT.)	WIDTH (FT.)	BIT CONC. SURF CSE. CLASS I MIX D 112 LB/SQ YD/IN.	BASE CSE WIDENING SQ. YD.	BIT. BASE CSE. 10'' SQ. YD.	PRIME COAT * (GAL.) .075 GAL./YD.	LEVELING BINDER HAND METHOD 112 LB/SQ. YD/IN.	AGGREGATE * PRIME COAT 4 LBS./SQ. YD.
ADAMS STREET STA. 56+15.00-57+65 STA. 57+65-58+27.8 STA. 58+27.8-59+90.7 STA. 59+90.7-427+12 RAMP 'A' STA. 0+00 - 1+00 LT. STA. 1+00 - 2+00 LT. STA. 0+00 - 0+35 STA. 0+35 - 1+54 STA. 1+54 - 3+27.06 STA. 3+27.08 - 5+36.8 STA. 5+90+ - 6+30+ TOTAL	150.00 62.80 162.90 349.30 100 100 35.00 119.00 173.08 209.72 40.0	0 TO 7.05 7.05 TO 10. 10 10 VAR. VAR. 181 19 12 VAR.	(TONS)	38.1 54.4 67.9 261.4	115 - 18.0 - 291.4	.66 8.49 7.83 86.25 24.25 11.90 17.85 27.40	10.0 	(LBS.) - 35 453 418 906

* FOR INFORMATION ONLY

EARTH EXCAVATION

W. ABUT.

N. ABUT.
S. ABUT.
ADAMS ST. 161 CU. YD.
RAMP 'A' EXT. 100 CU. YD.

METAL PLATE BEAM GUARD RAIL REMOVAL

W. ABUT. 44 L F.

N. ABUT. 170 L F.

SEEDING CLASS II

W. ABUT. O1 ACRE

N. ABUT. O.1 ACRE

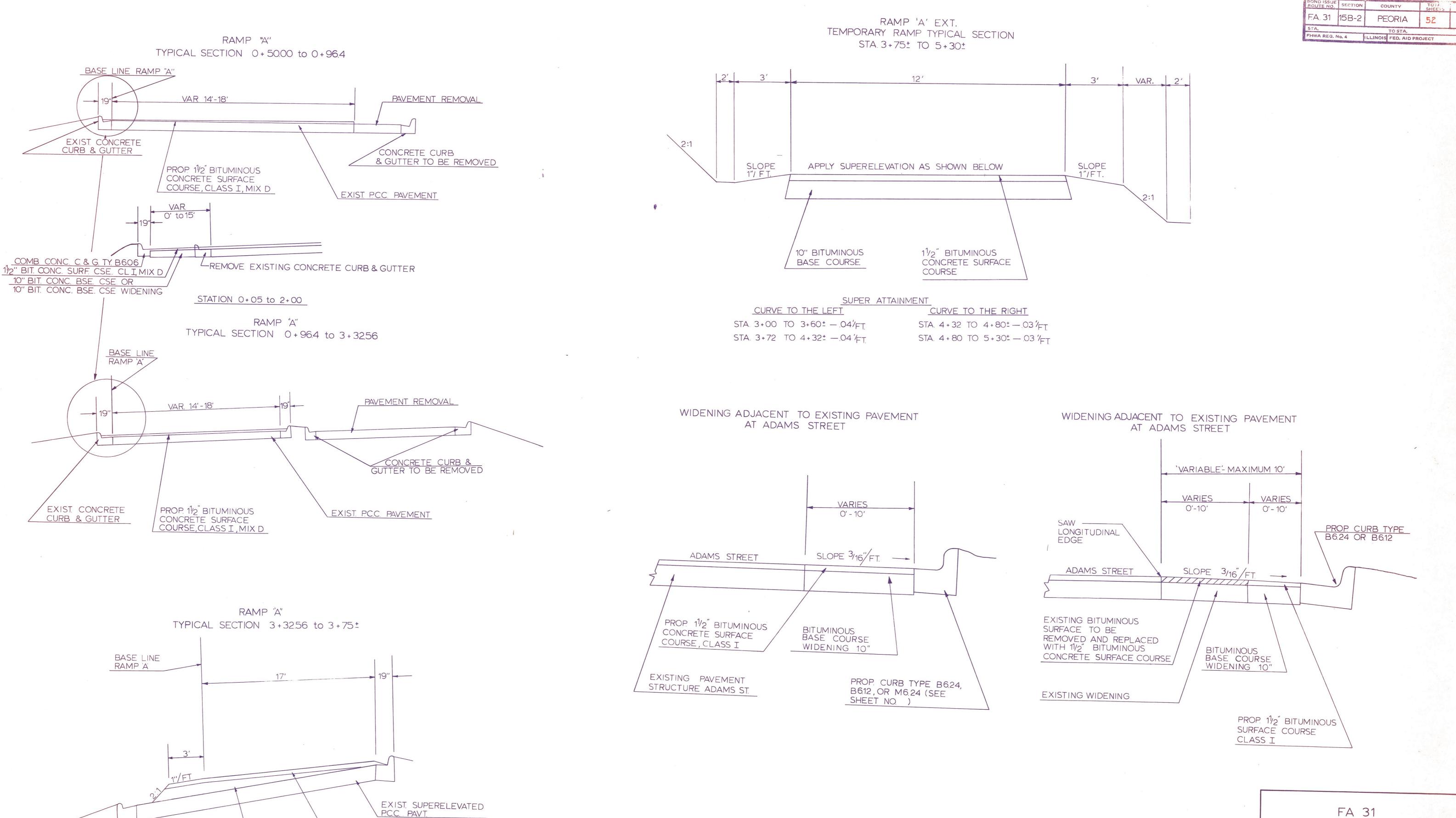
S. ABUT. O.1 ACRE

RAMP A EXT. O1 ACRE

THESE PLANS PREPARED BY DISTRICT OFFICE AND ARE INCORPORATED IN WITH OUR BRIDGE PLANS.

H.E.I. Copy

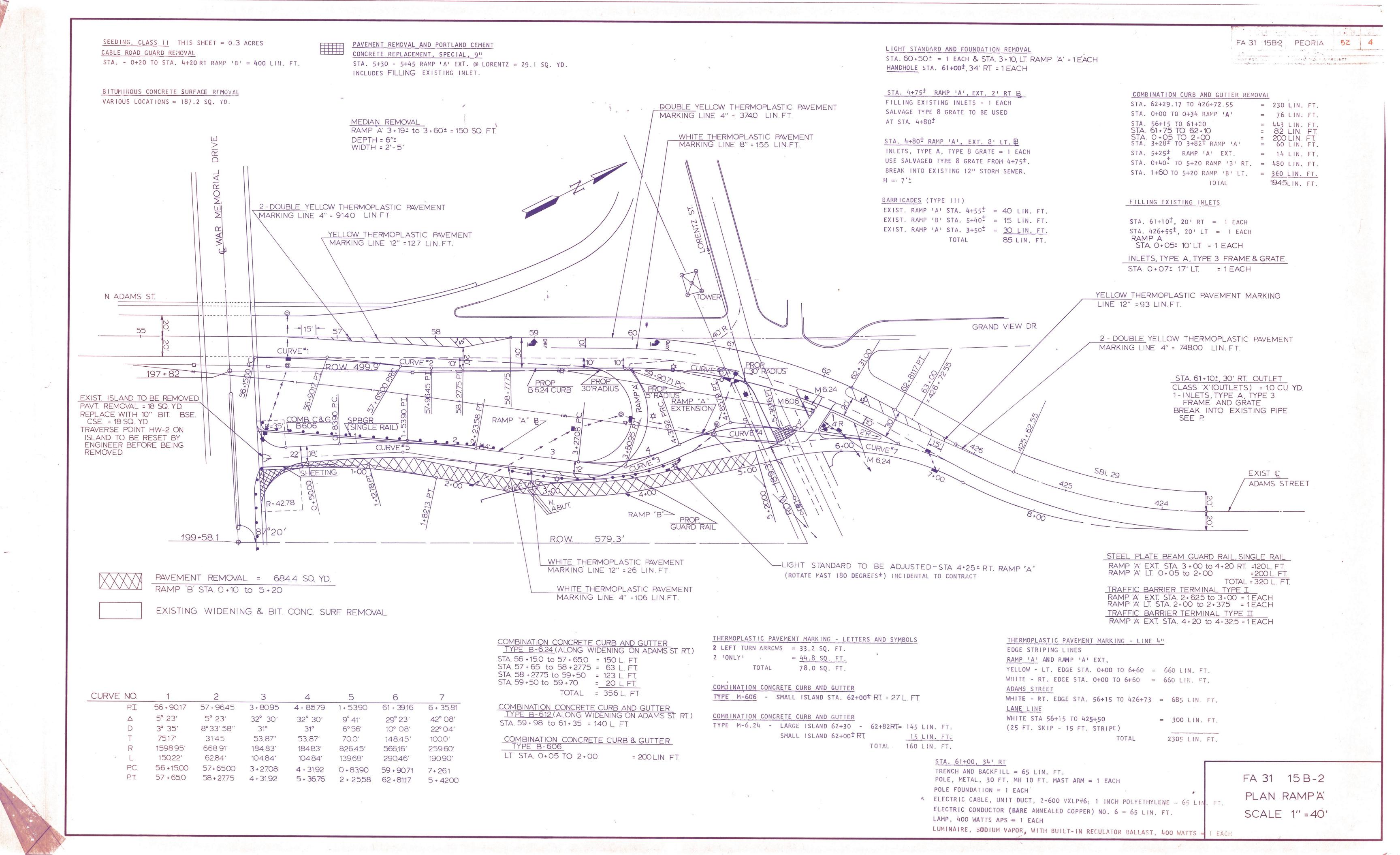
SUMMARY OF QUANTITIES
RESURFACING AND
WIDENING QUANTITIES
ARROW DETAILS
OUTLET DETAIL

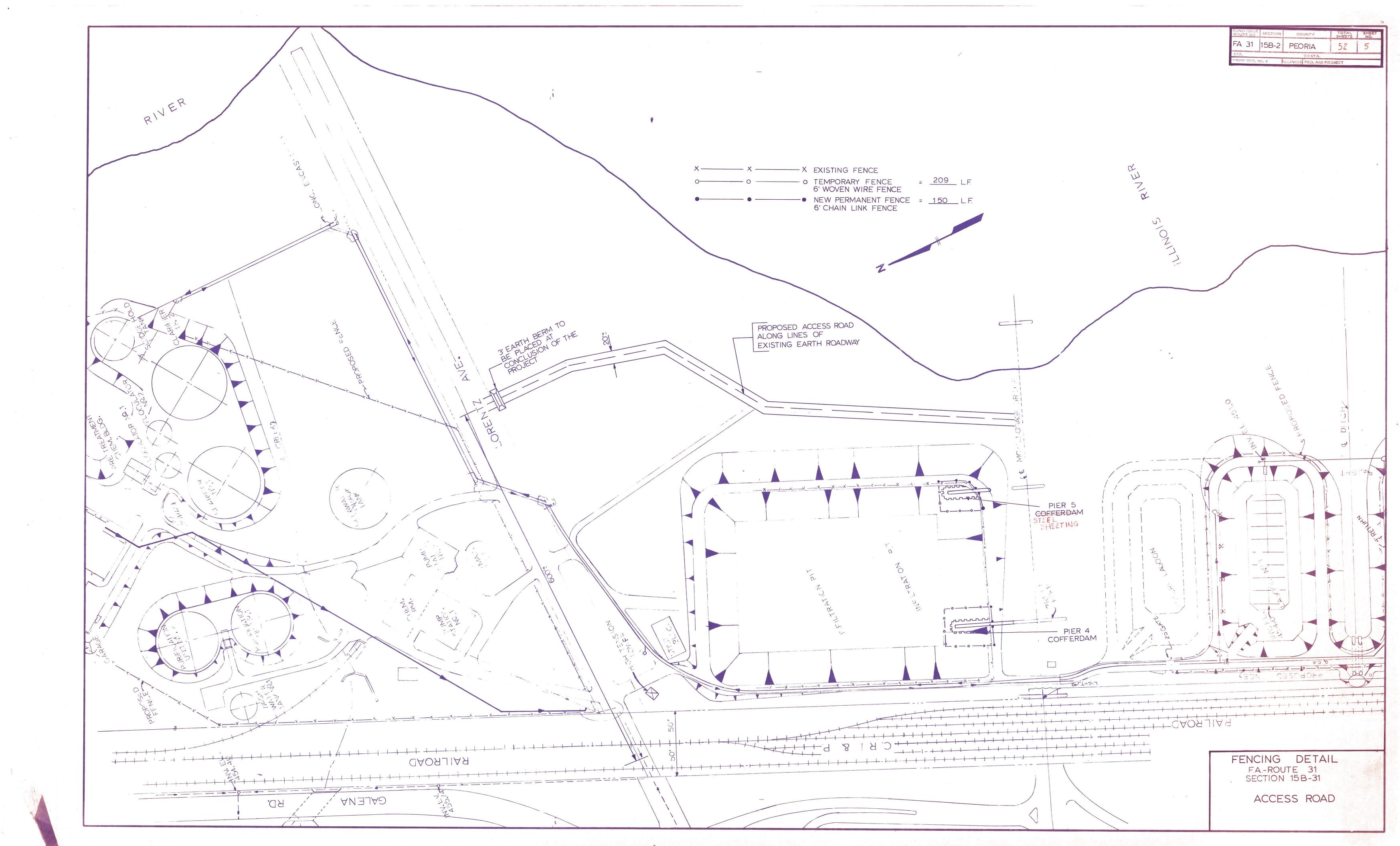


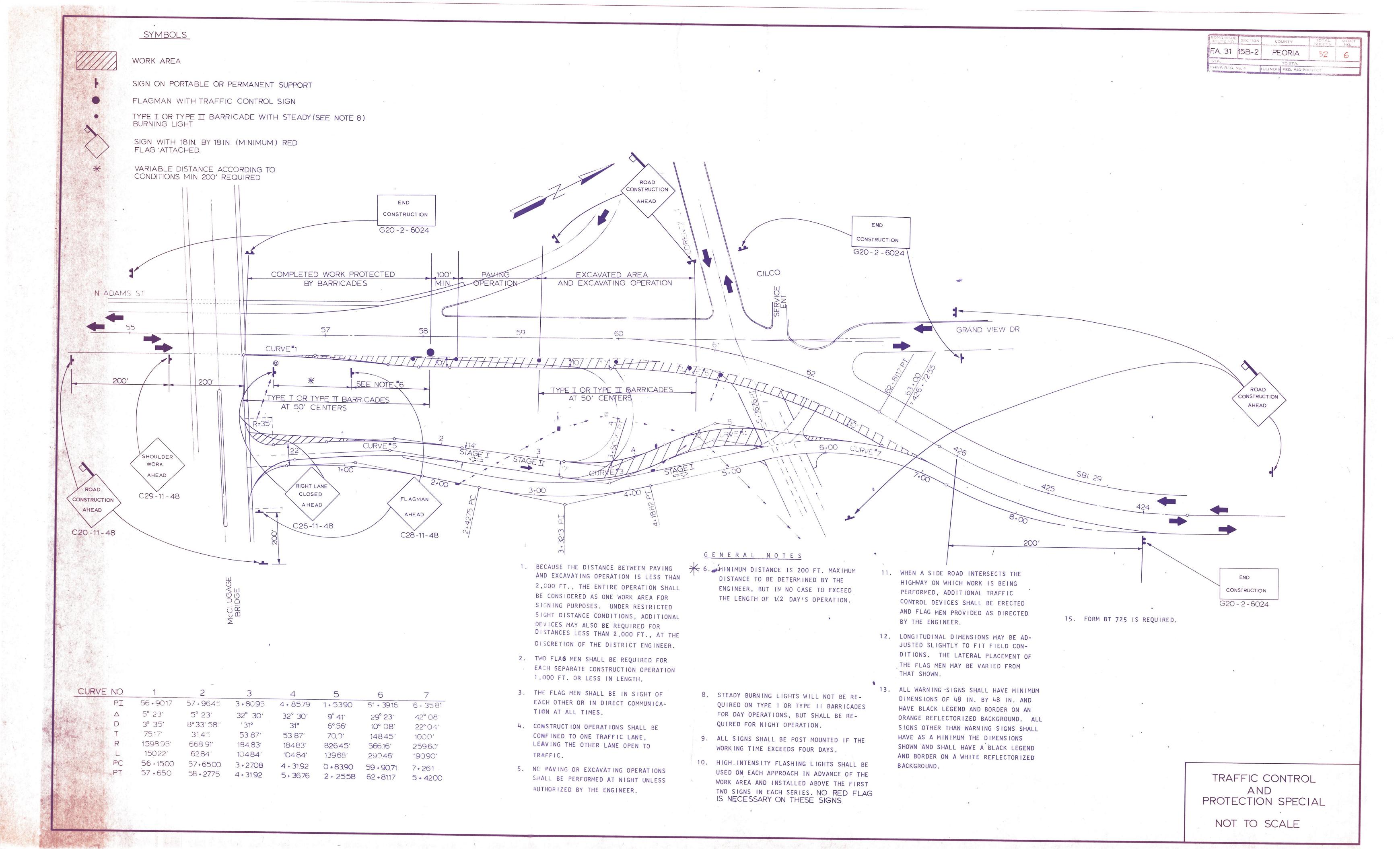
PROP 11/2" BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, MIX D

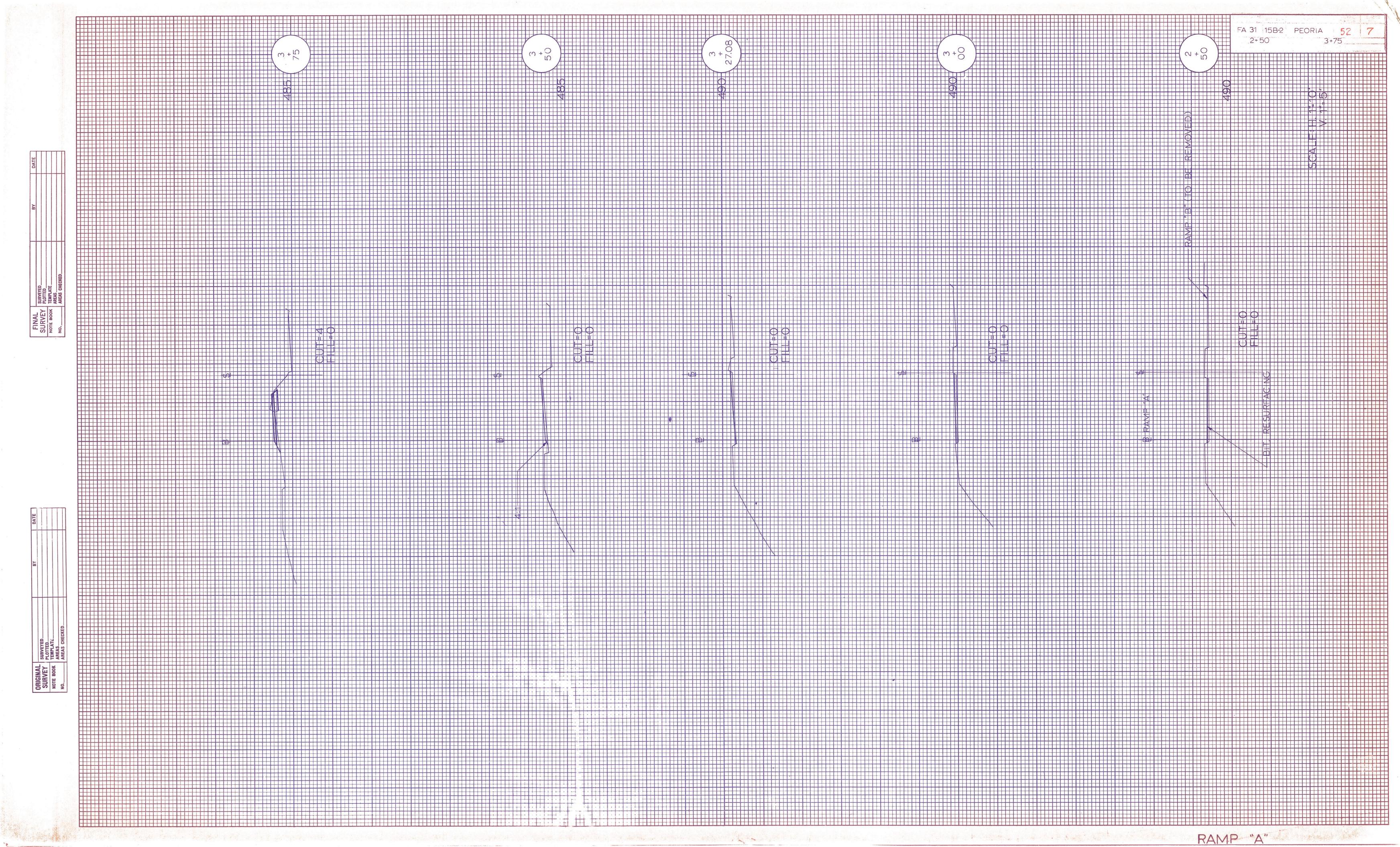
PROP LEVELING BINDER VARIABLE THICKNESS

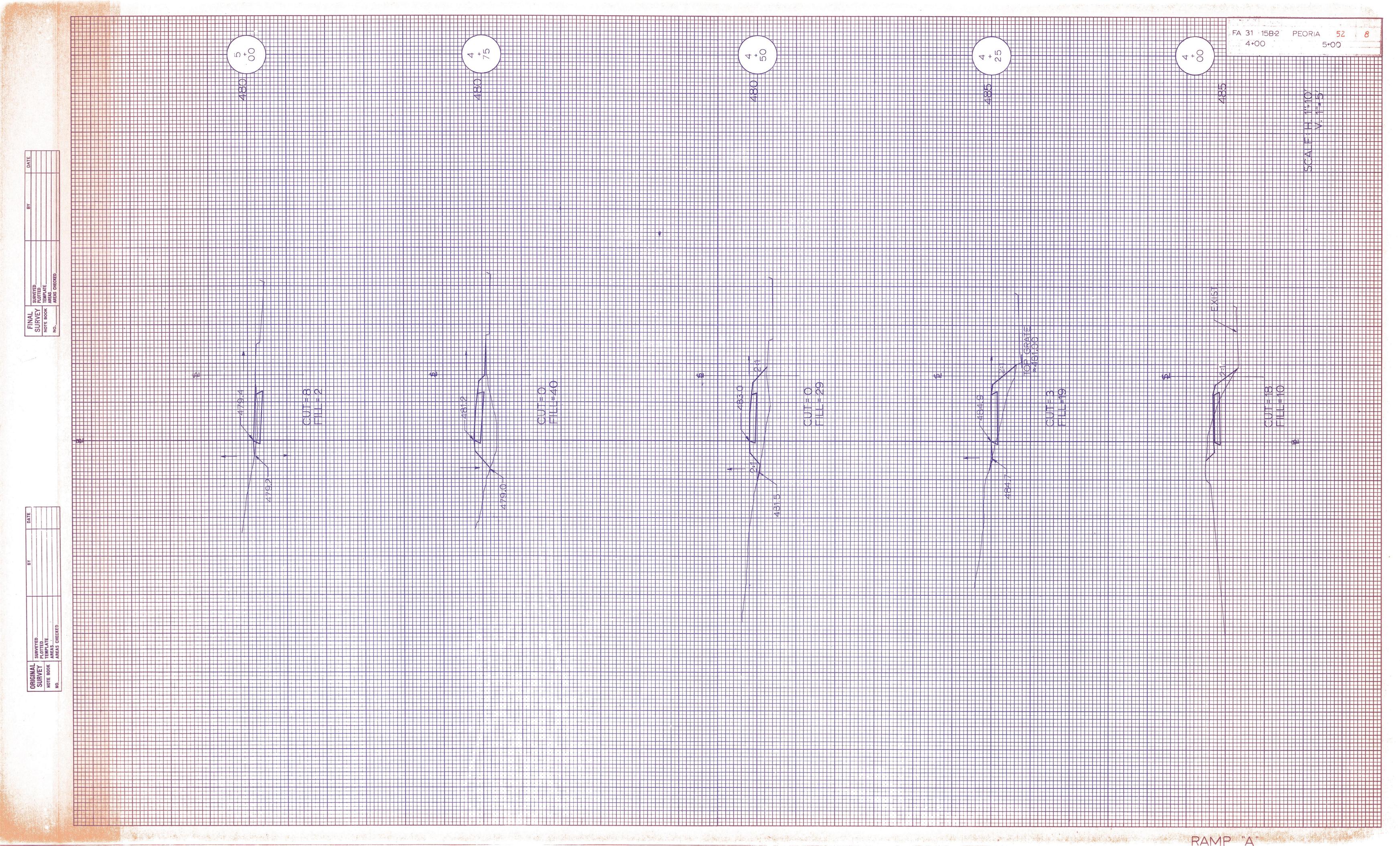
FA 31
15B-2
PEORIA
TEMPORARY RAMPAND
WIDENING TYPICAL SECTIONS
NOT TO SCALE

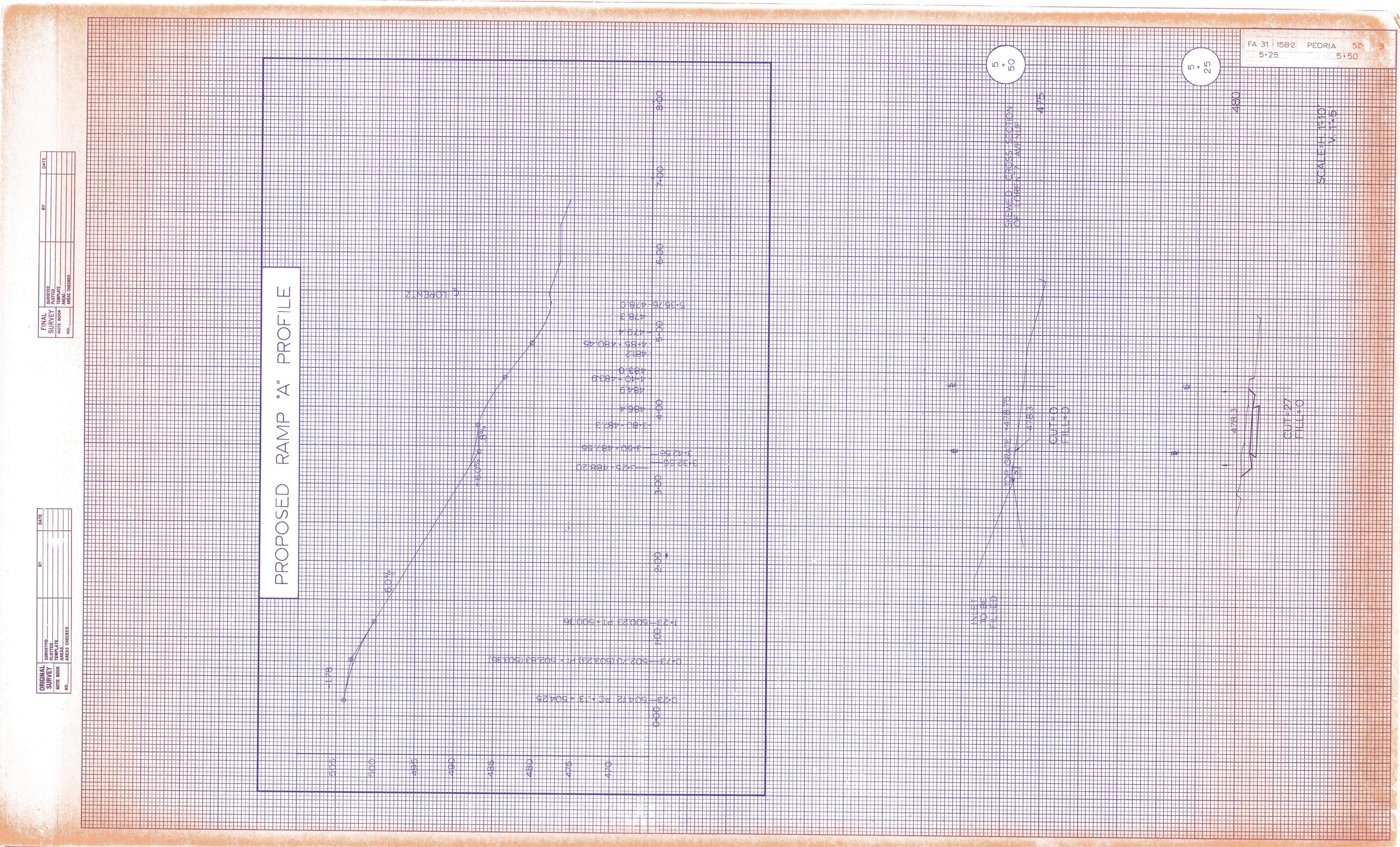


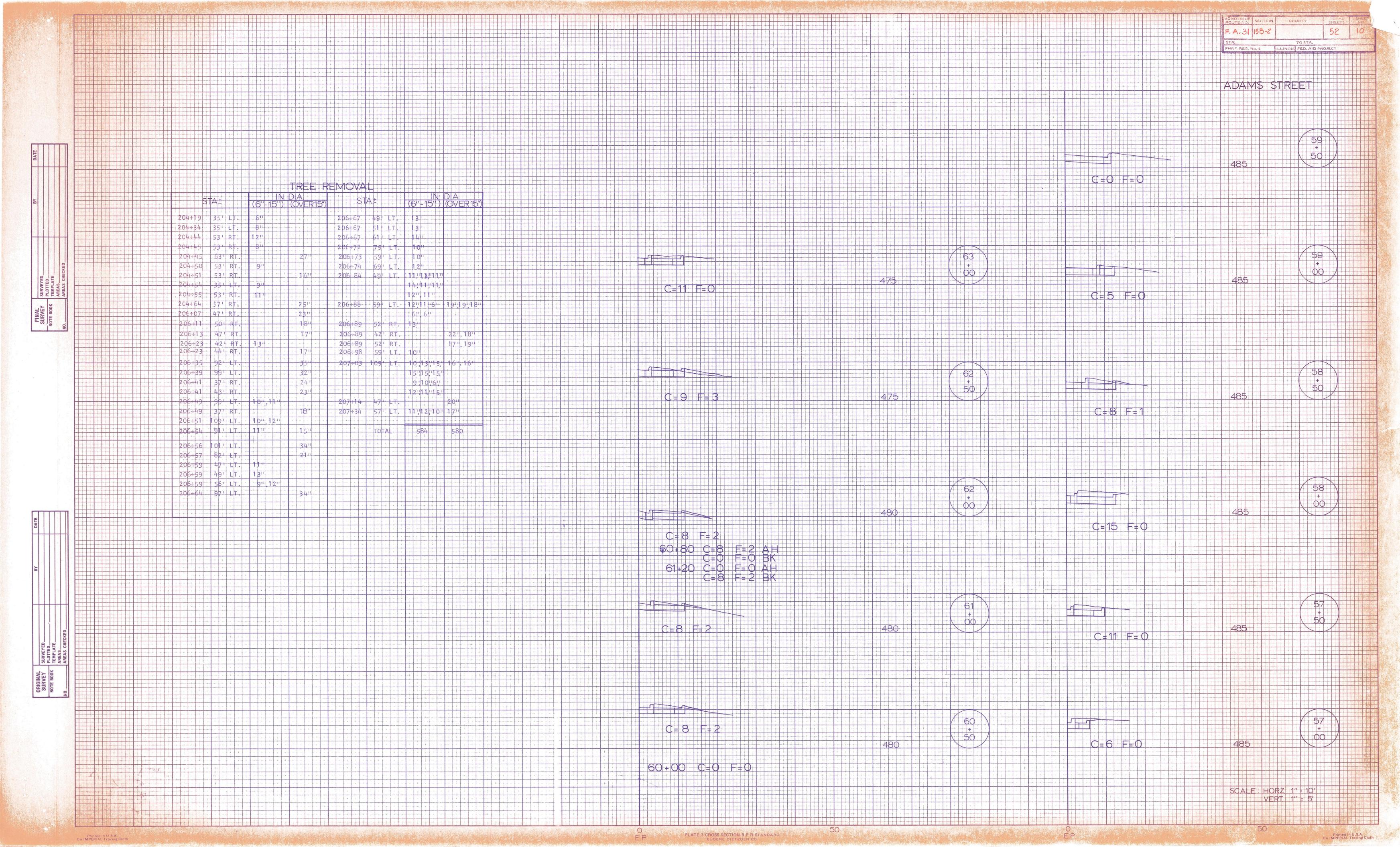


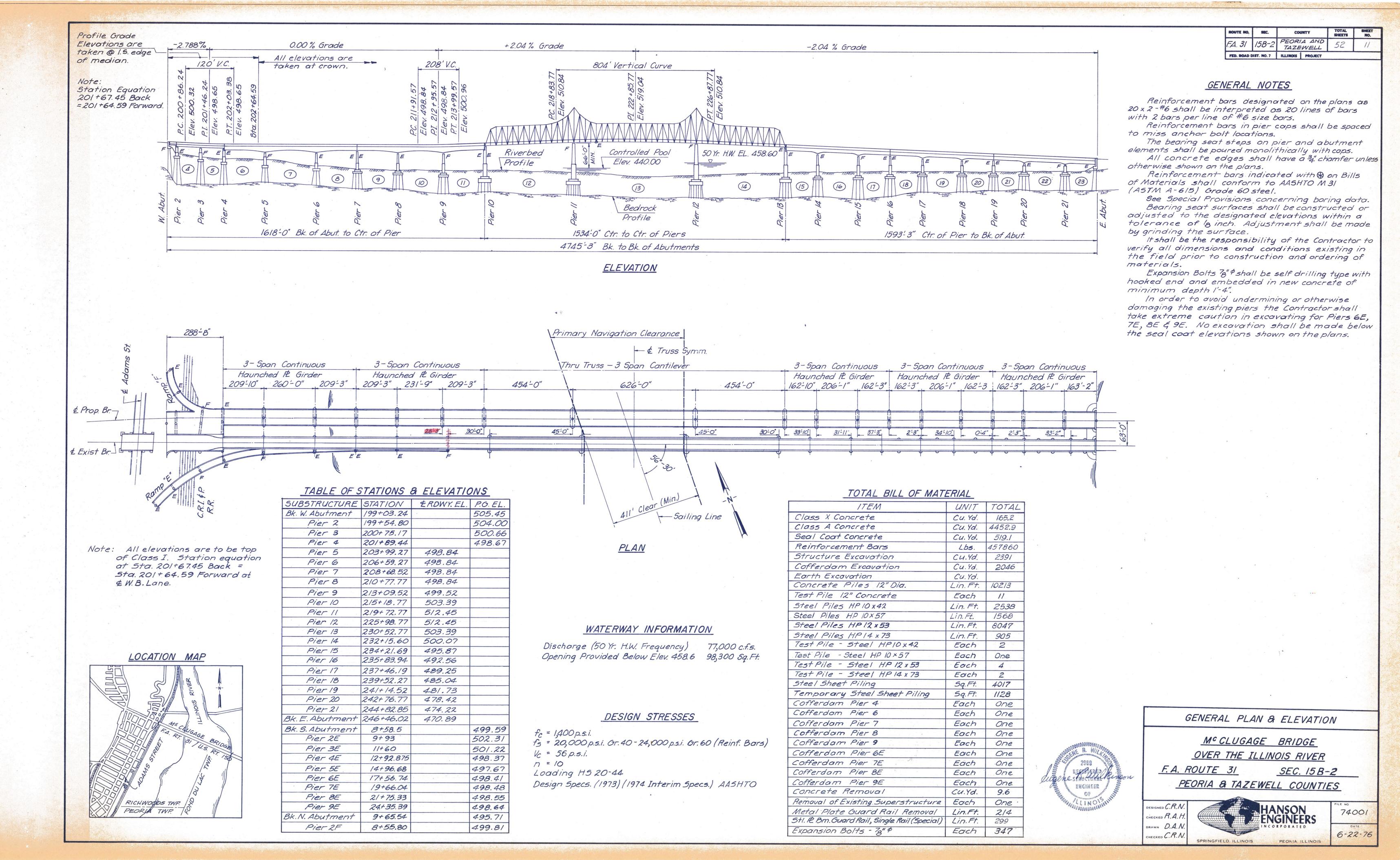


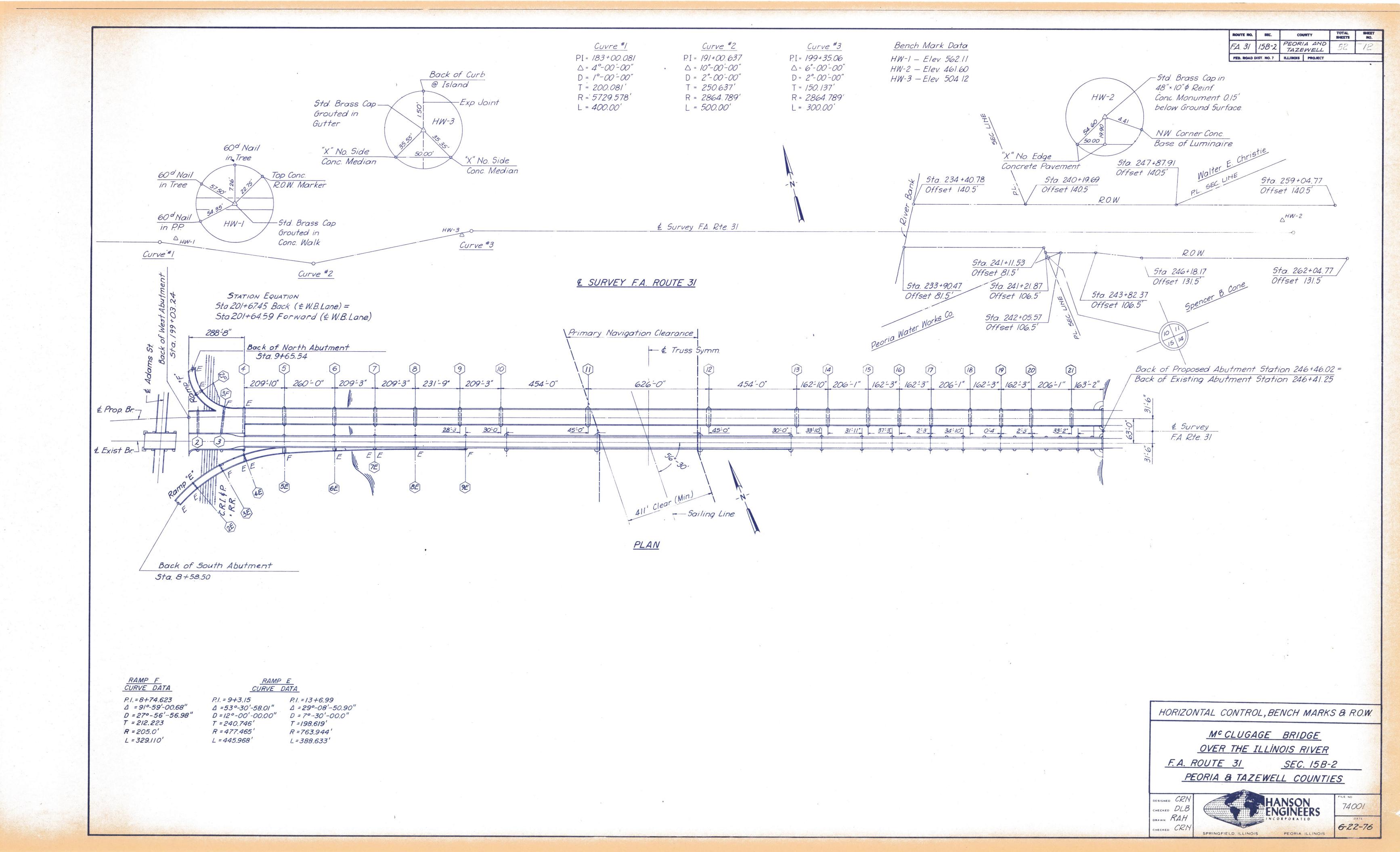


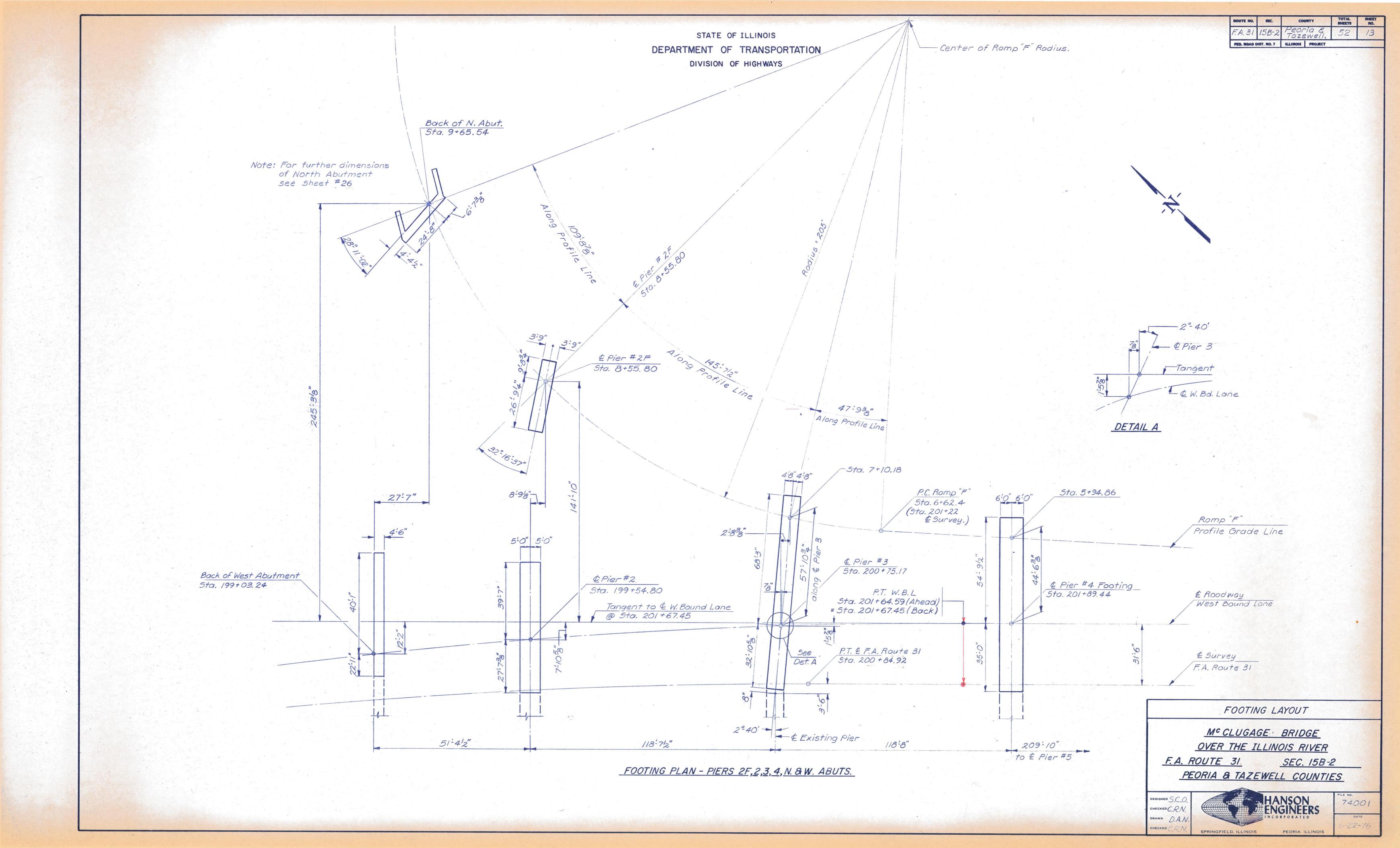


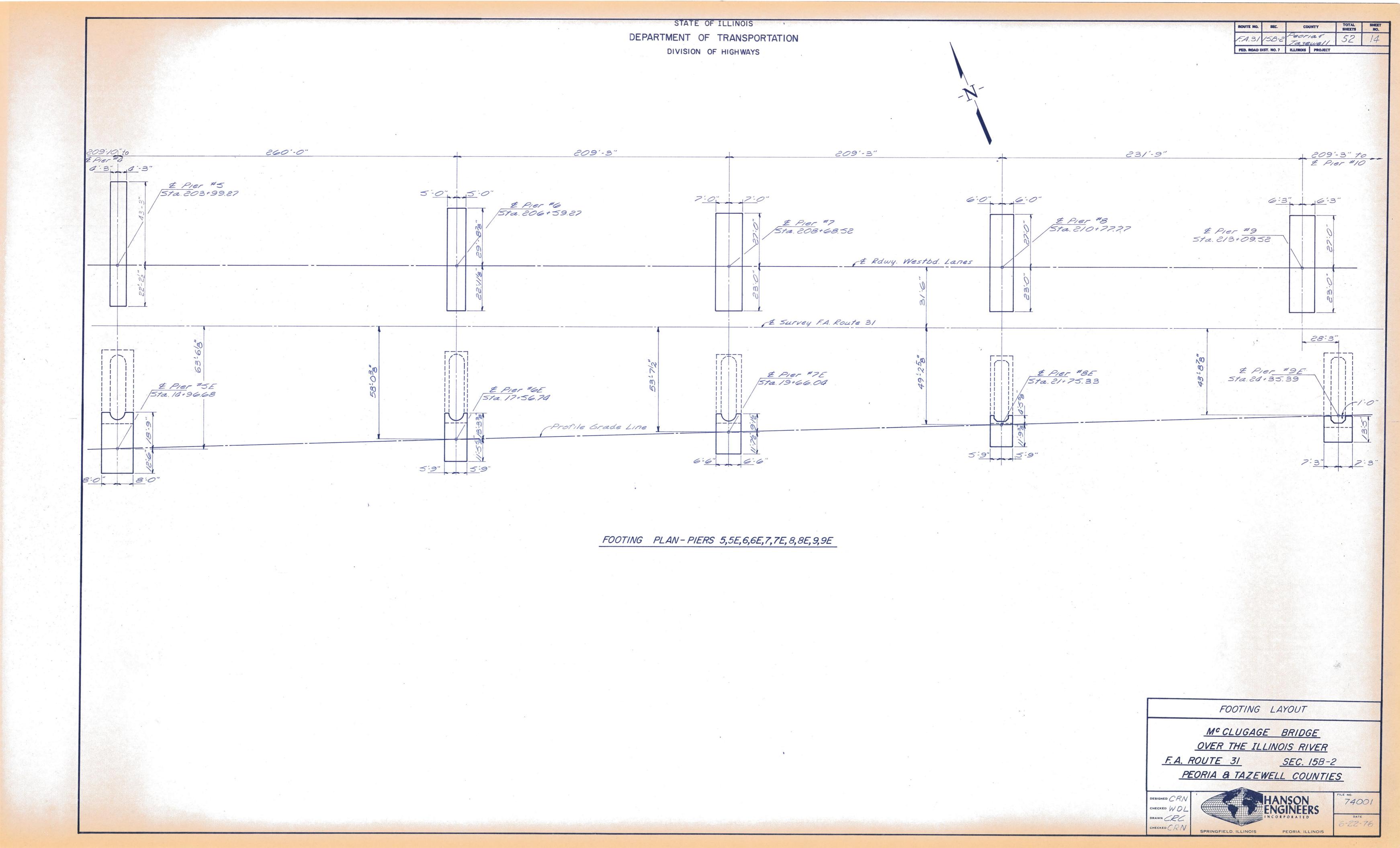










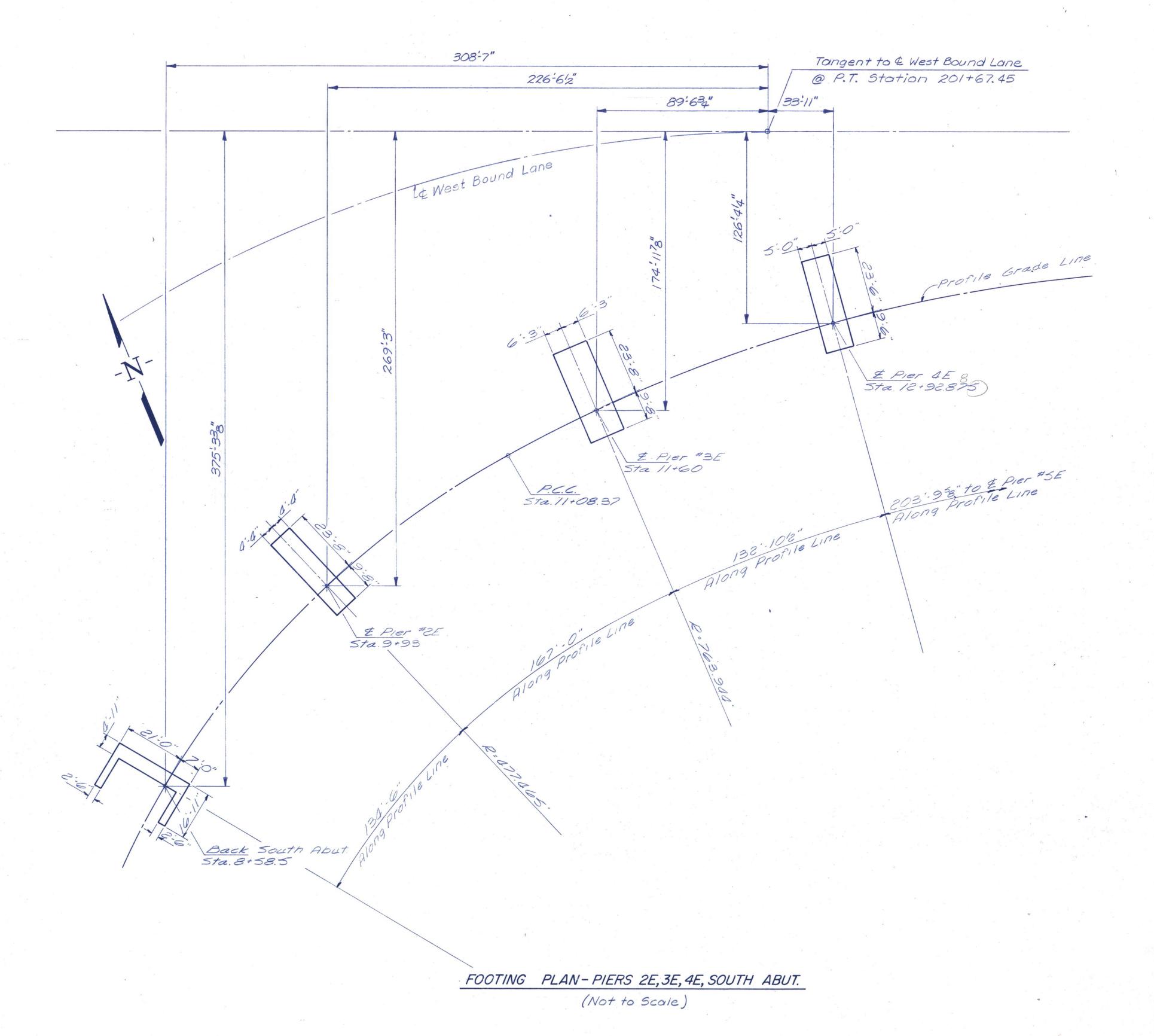


DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

ROUTE NO. SEC. COUNTY TOTAL SHEETS NO.

F.A.31 | 15B-2 | Peoria = 52 | 15

FED. ROAD DIST. NO.7 | ILLINOIS | PROJECT



FOOTING LAYOUT

M° CLUGAGE BRIDGE

OVER THE ILLINOIS RIVER

F. A. ROUTE 31 SEC. 15B-2

PEORIA & TAZEWELL COUNTIES

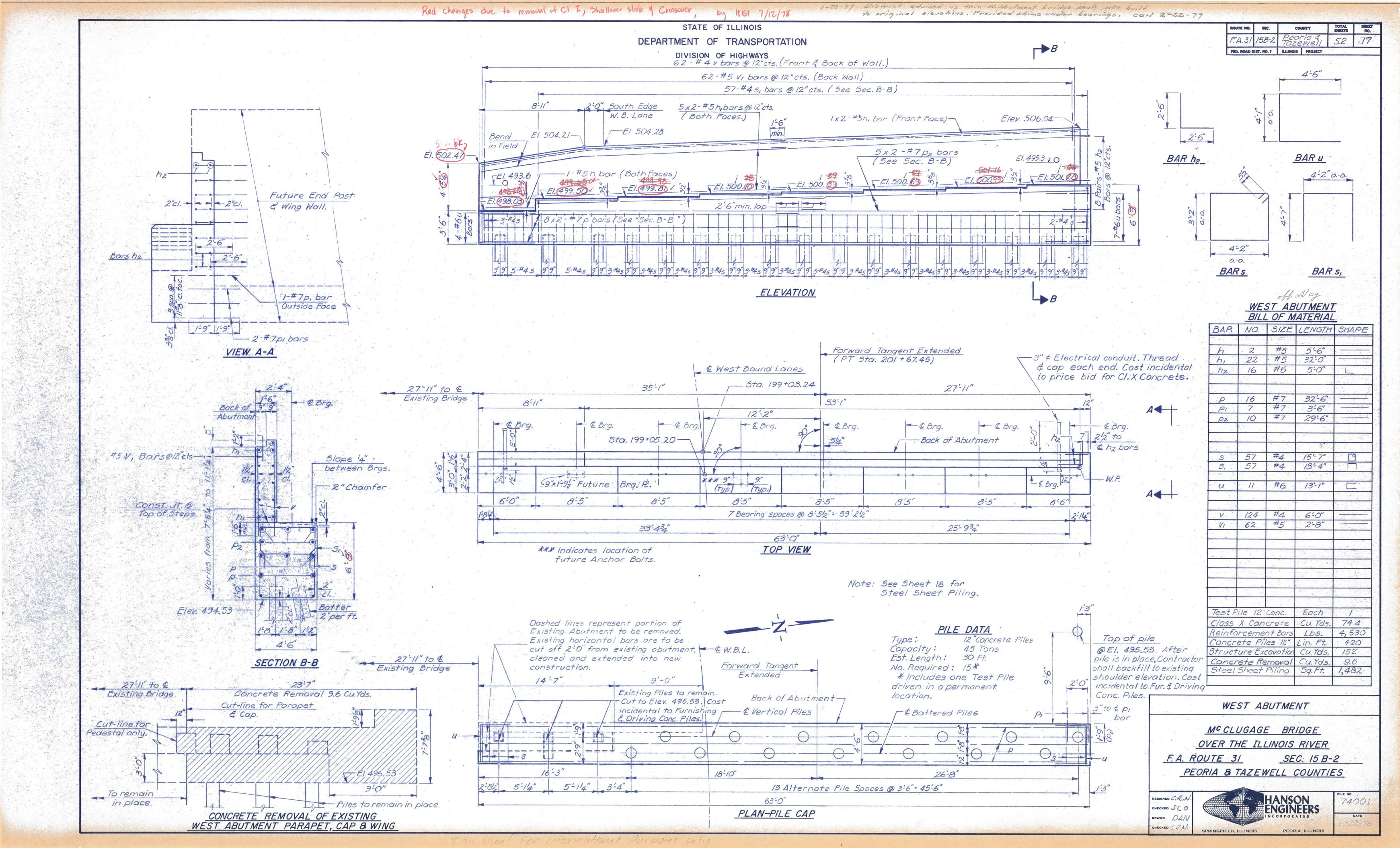
CKED CRN



74001

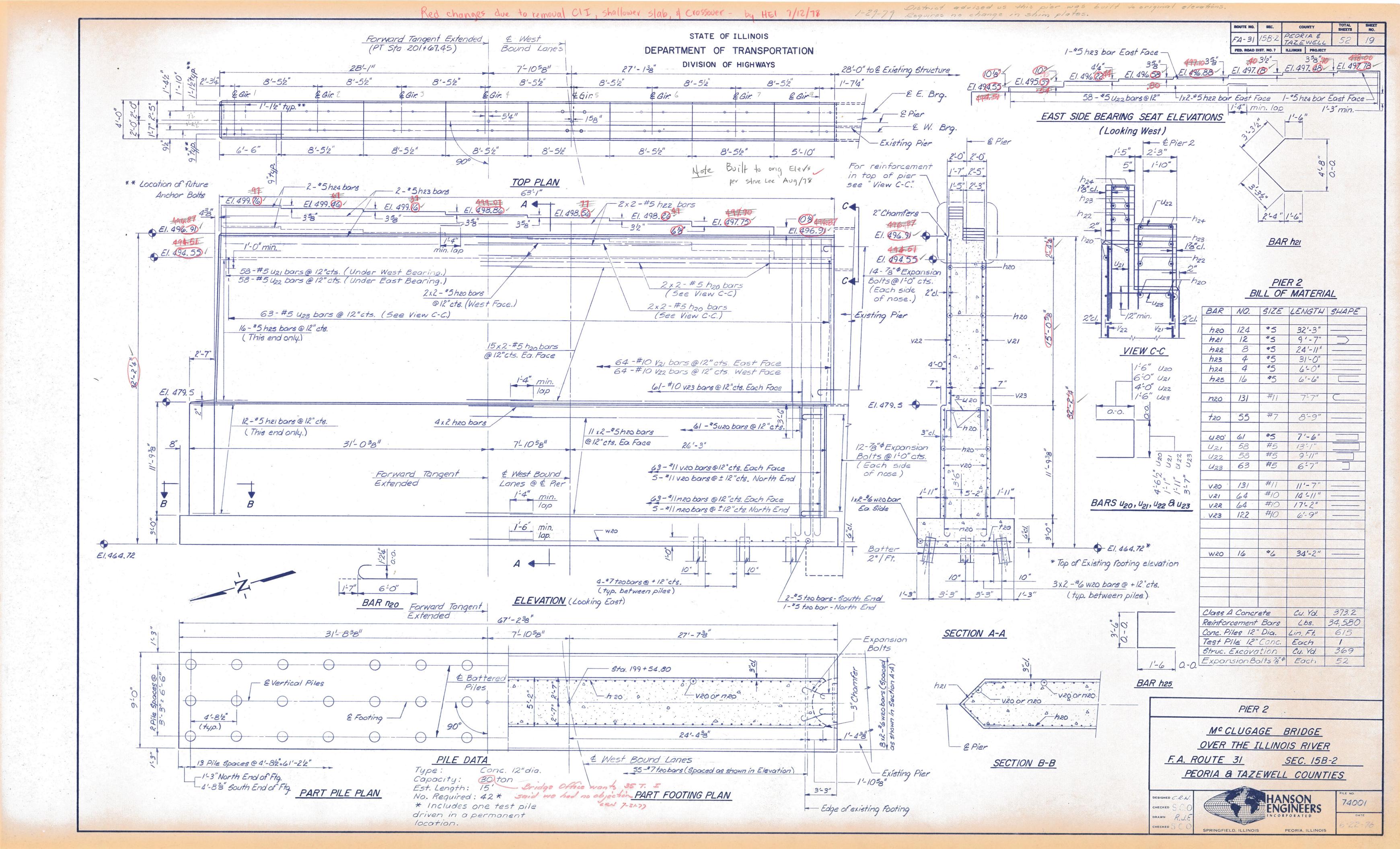
STATE OF ILLINOIS PED. ROAD DIST. NO. 7 ILLINOIS PROJECT DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 52'x2' Conc. Rail Post Pedestal W6 × 8.5 38" Gusset A 78" x 12"
Slotted Holes Existing CI.I Surfacing Existing SECTION A-A Pavement 3- 3," \$ x 10" Self Drilling * To be measured Expansion Bolts. in field. CROSS SECTION E Existing
Brg. & Diaph. DETAIL OF GUARD RAIL ATTACHED TO EXISTING PAVEMENT 2932" × 1'8"

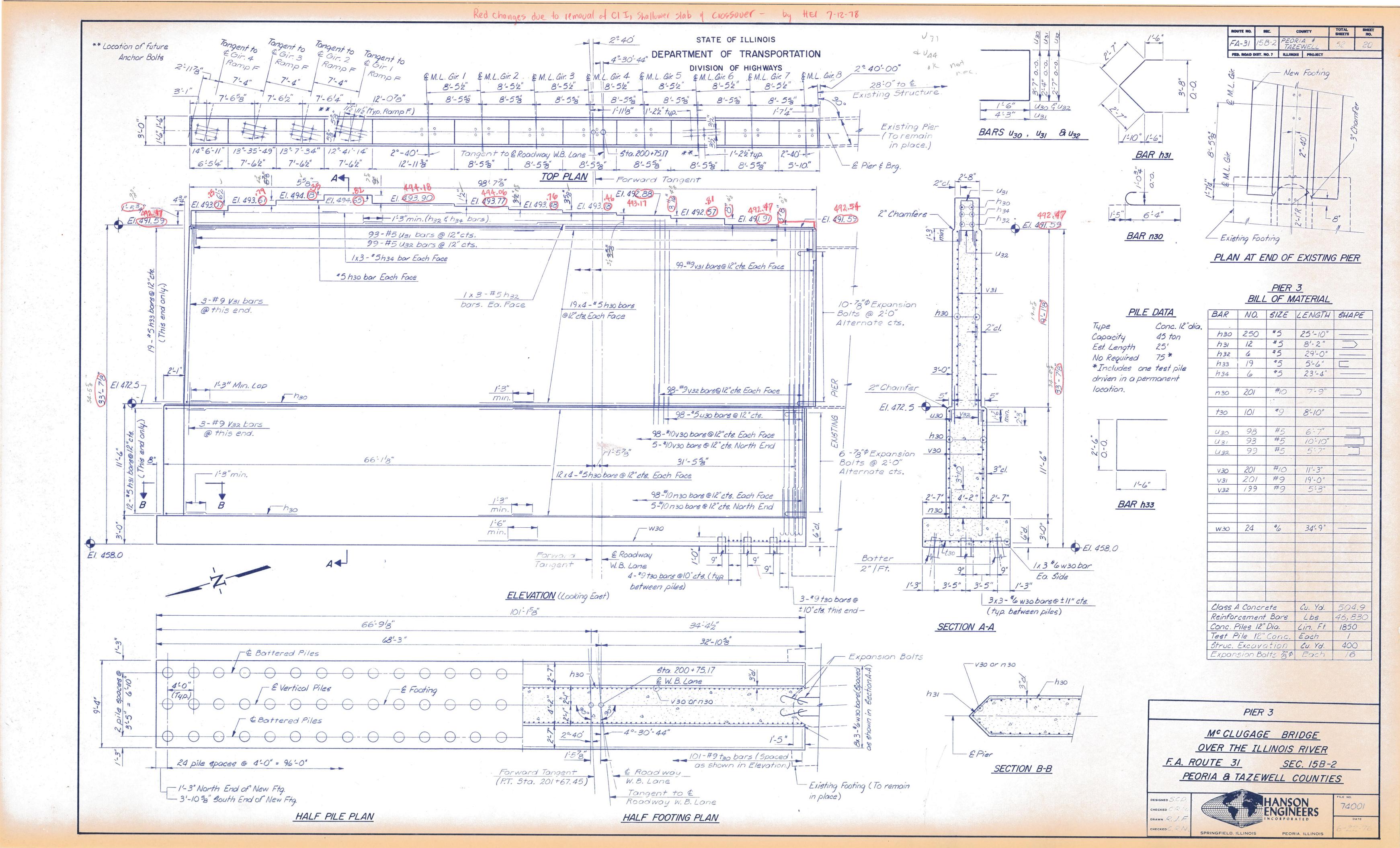
Slotted holes Note: Cost of end section incidental to contract unit price per lin. ft. of SPBGR, Single Rail (Special)-I regid. Cost of 34" & Self Drilling Expansion Bolts shall be incidental to cost of Steel Plate Beam Guard Rail. 144 reg'd. # 34" × 2'e" stotted CI. A Rall FW 14 x 48 element DETAIL STEEL PLATE BEAM Indicates Structural Steel to be removed. GUARD RAIL END SECTION -Slab, watk & rail to be removed in hashed area. BILL OF MATERIAL Unit Total 1tem Removal Exist Superstructure Each One W 14 x 48 Saw cut concrete & Steel Plate Beam Guard Rail - Single Rail (Special) Lin. Ft. reinforcement bars to this line. ±3'-0" & Existing Beam #1 W 36 x 170 STEEL PLATE BEAM GUARD RAIL & REMOVAL LIMITS OF EXIST. SUPERSTRUCTURE 33'-93" MC CLUGAGE BRIDGE 47 Post spaces @ 6-3" = 293'-9" (Measured along face of rail) OVER THE ILLINOIS RIVER F.A. ROUTE 31 SEC. 15B-2 PEORIA & TAZEWELL COUNTIES PLAN OF EXIST. SUPERSTR. REMOVAL & PLAN OF STEEL PLATE BEAM GUARD RAIL 74001 DRAWNCRC 6-22-76

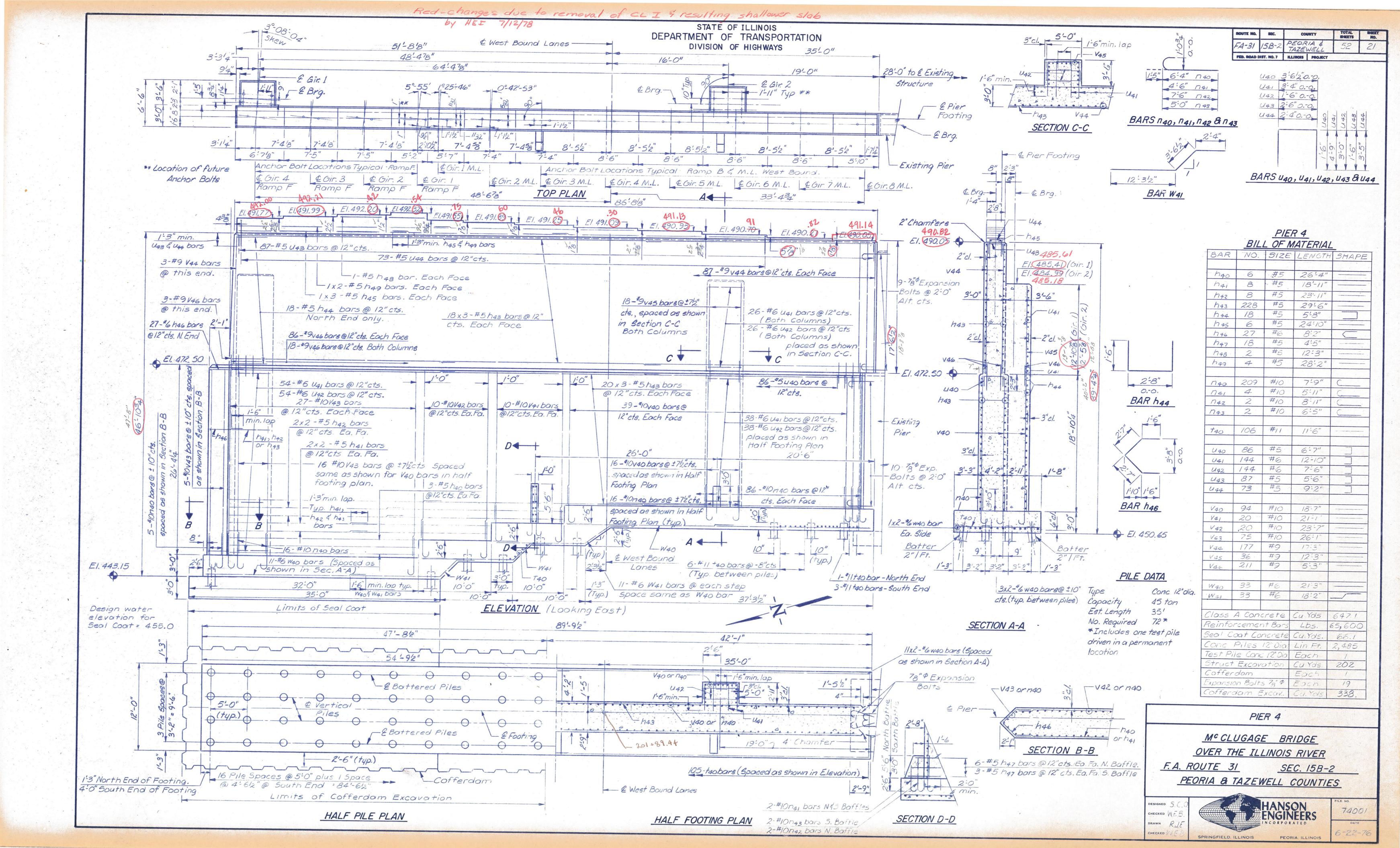


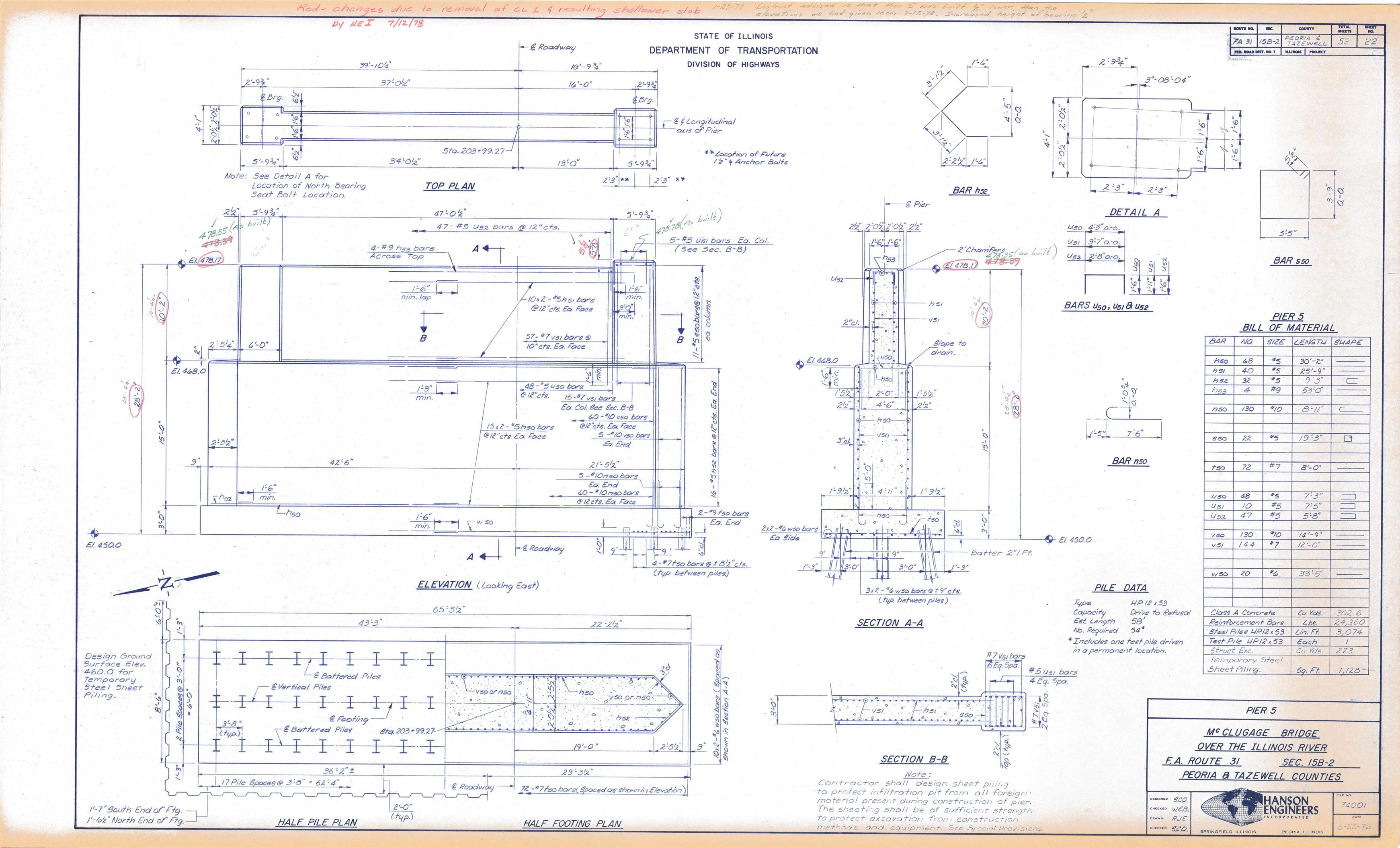
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PED. ROAD DIST. NO. 7 HALIMOIS PROJECT DIVISION OF HIGHWAYS + 27:11" to & existing roadway 73'-0" ±29' ±44' Metal Plate Guard Rail Removal. Backfill to existing ground elev. 502.0, Natter removal of abutment formwork & Sheet Piling Slope to drain 10:0" PLAN ±12'-4" 11:-0" £ Sheeting 24.0" Roadway El.506.04 High Side El.502.47 Low Side ± 7-10" Limits of Structure
Excavation Existing Ramps 2'0" Note:

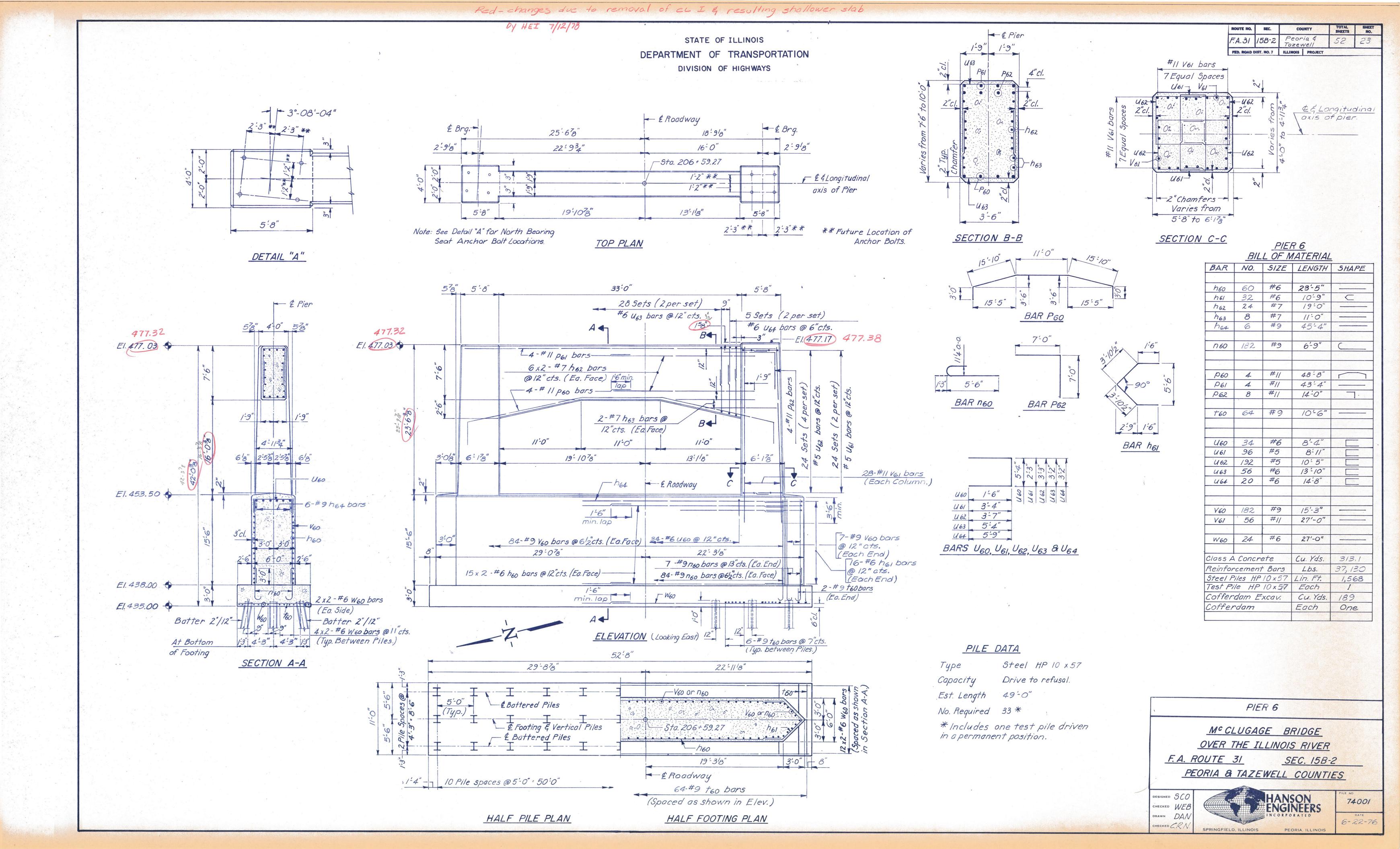
Contractor shall design & construct sheet piling of adequate strength to protect excavation from earth forces, construction equipment and traffic. For quantity see Sheet 17. Also see Special Provisions. Berm El. 497.5 Prop. Wing Wall pile. Bottom of Sheeting ELEVATION SHEET PILING & EMBANKMENT-WEST ABUT. M° CLUGAGE BRIDGE OVER THE ILLINOIS RIVER F.A. ROUTE 31 SEC. 15B-2 PEORIA & TAZEWELL COUNTIES 74001 6-22-76

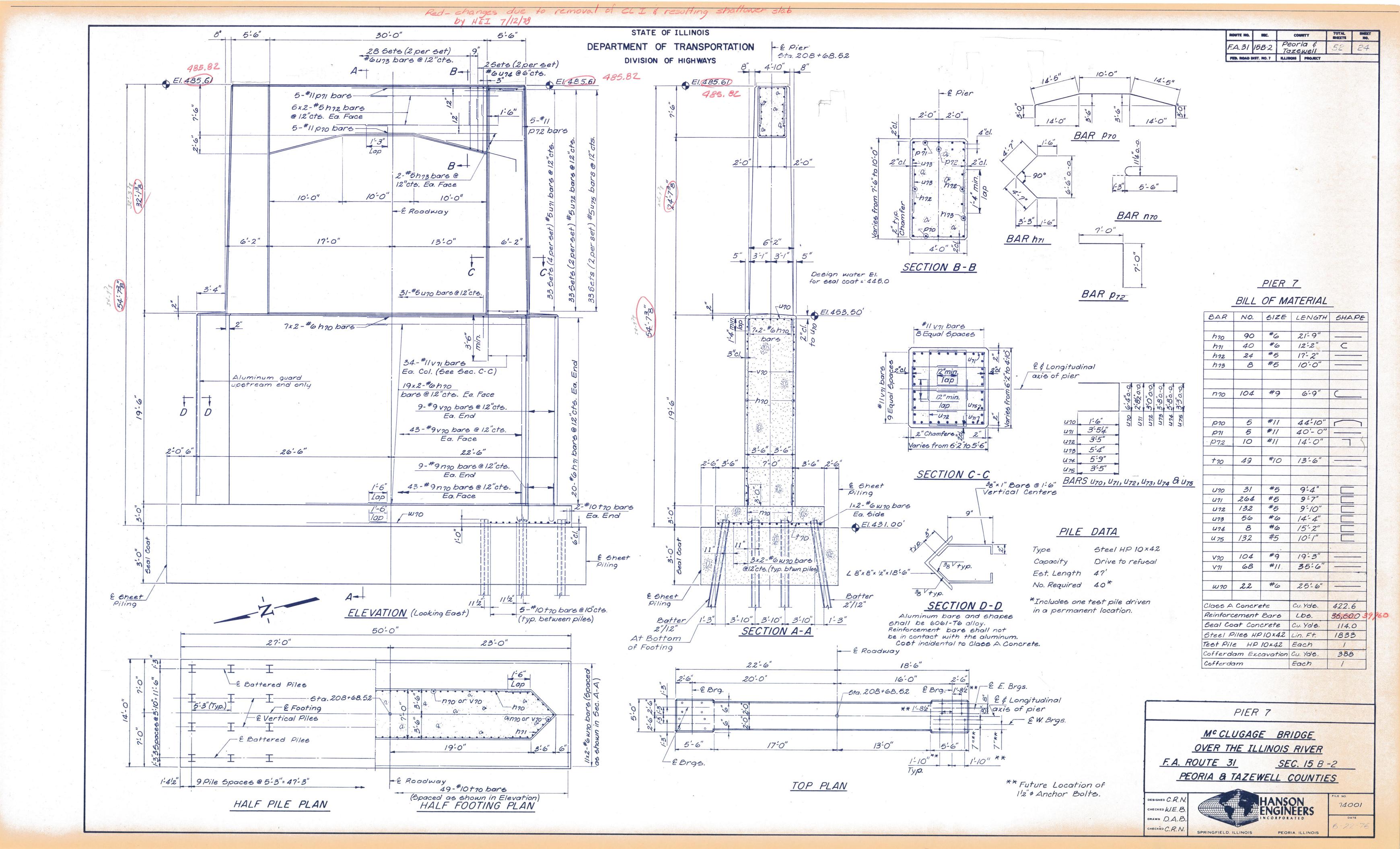


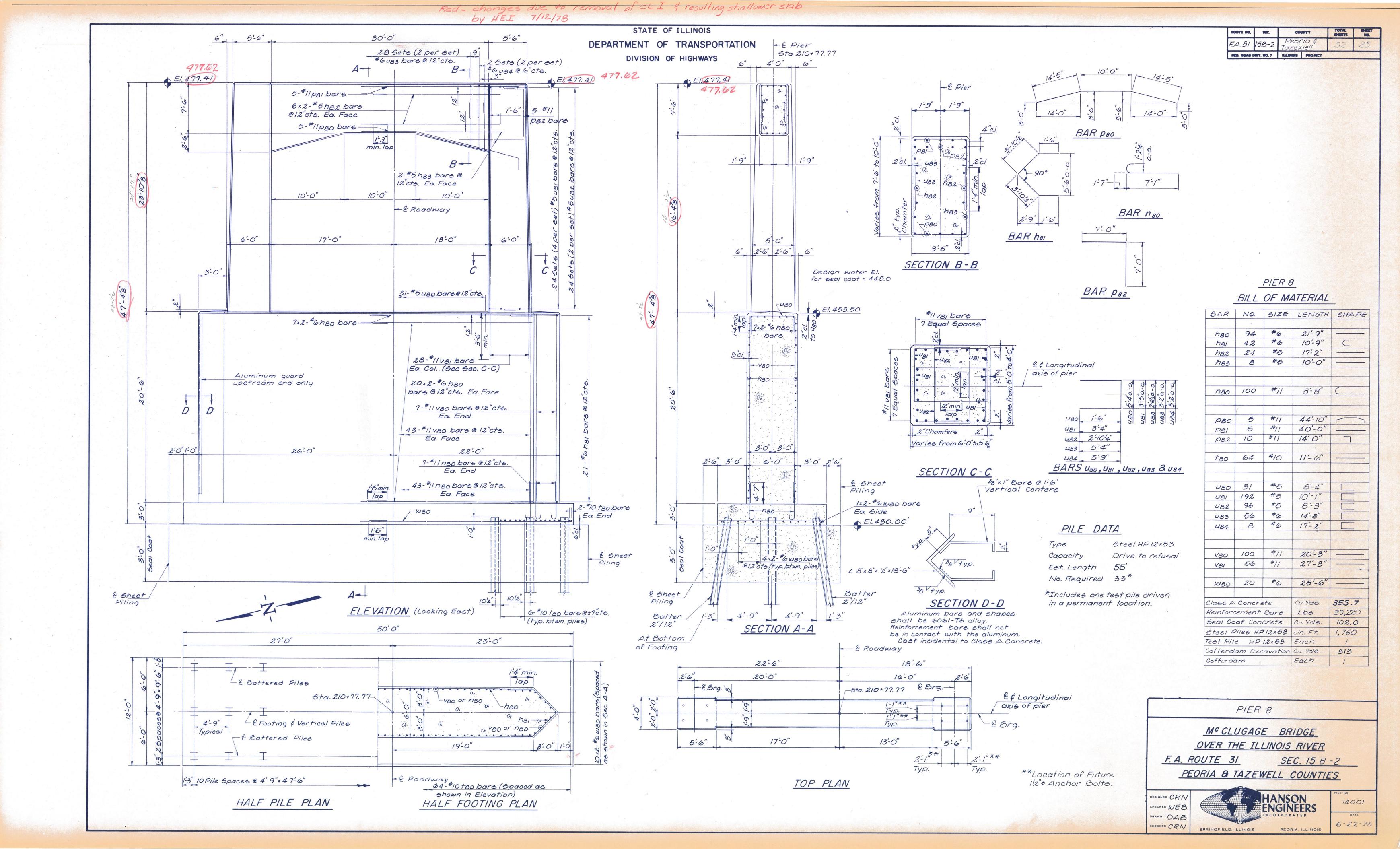


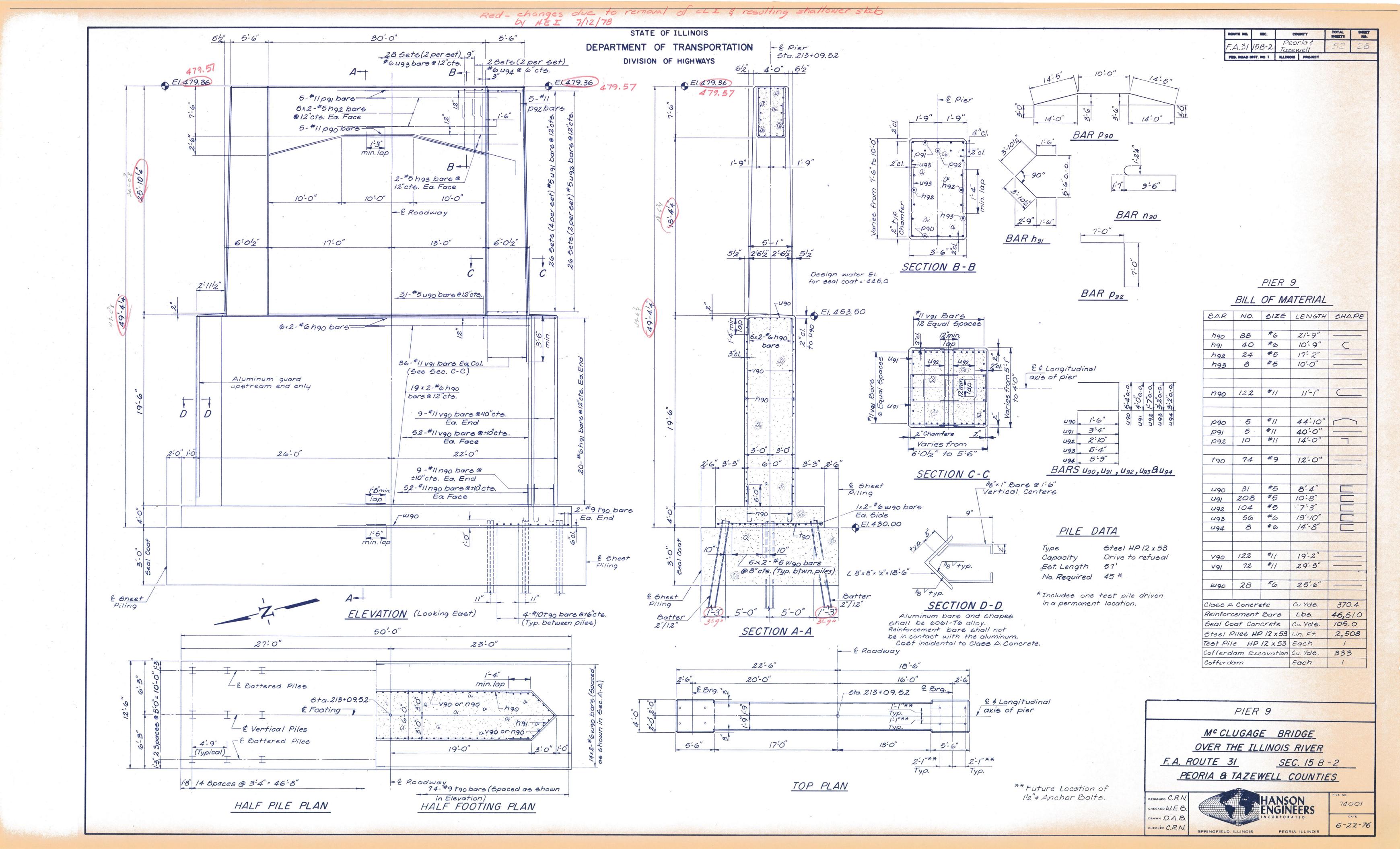


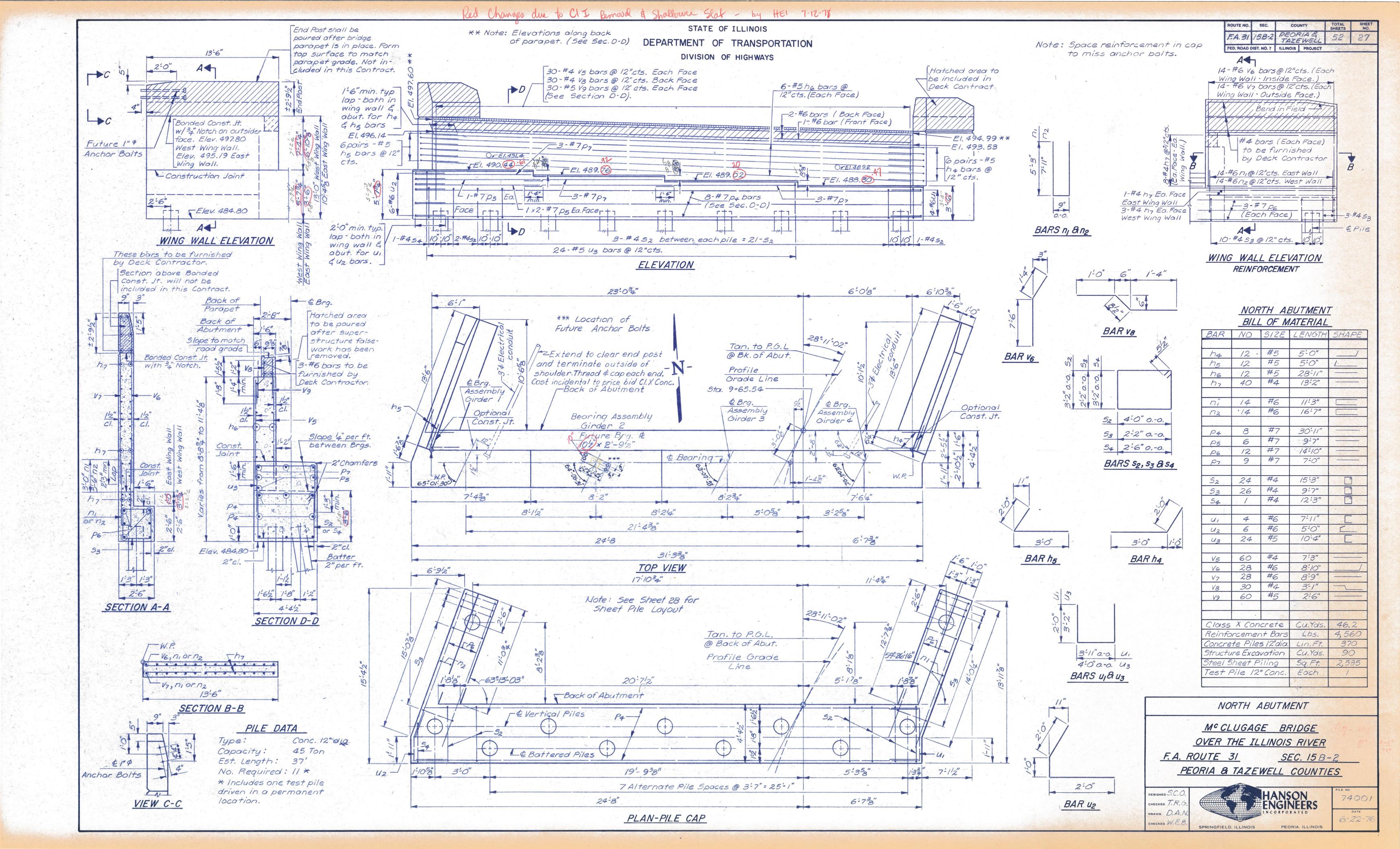


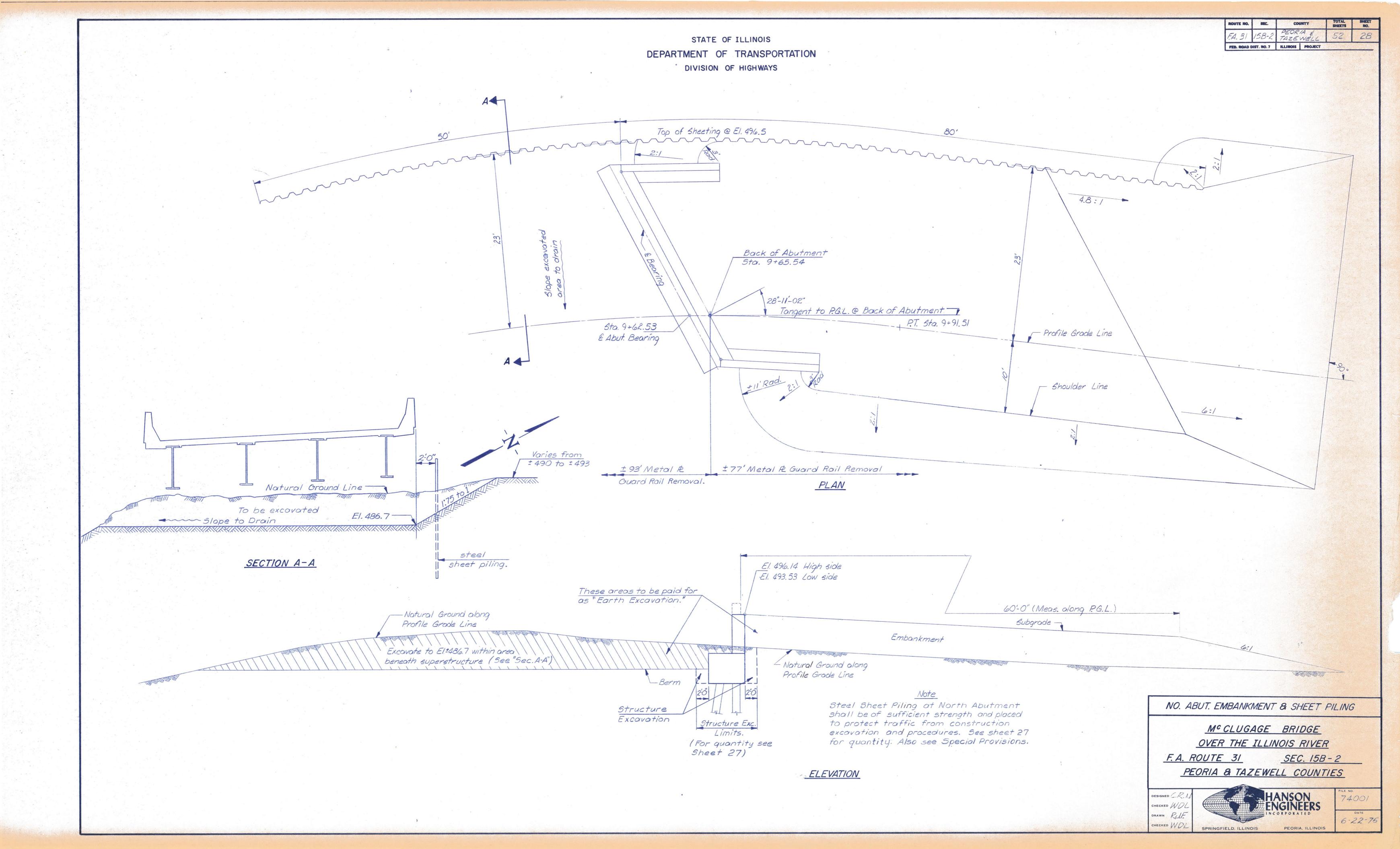


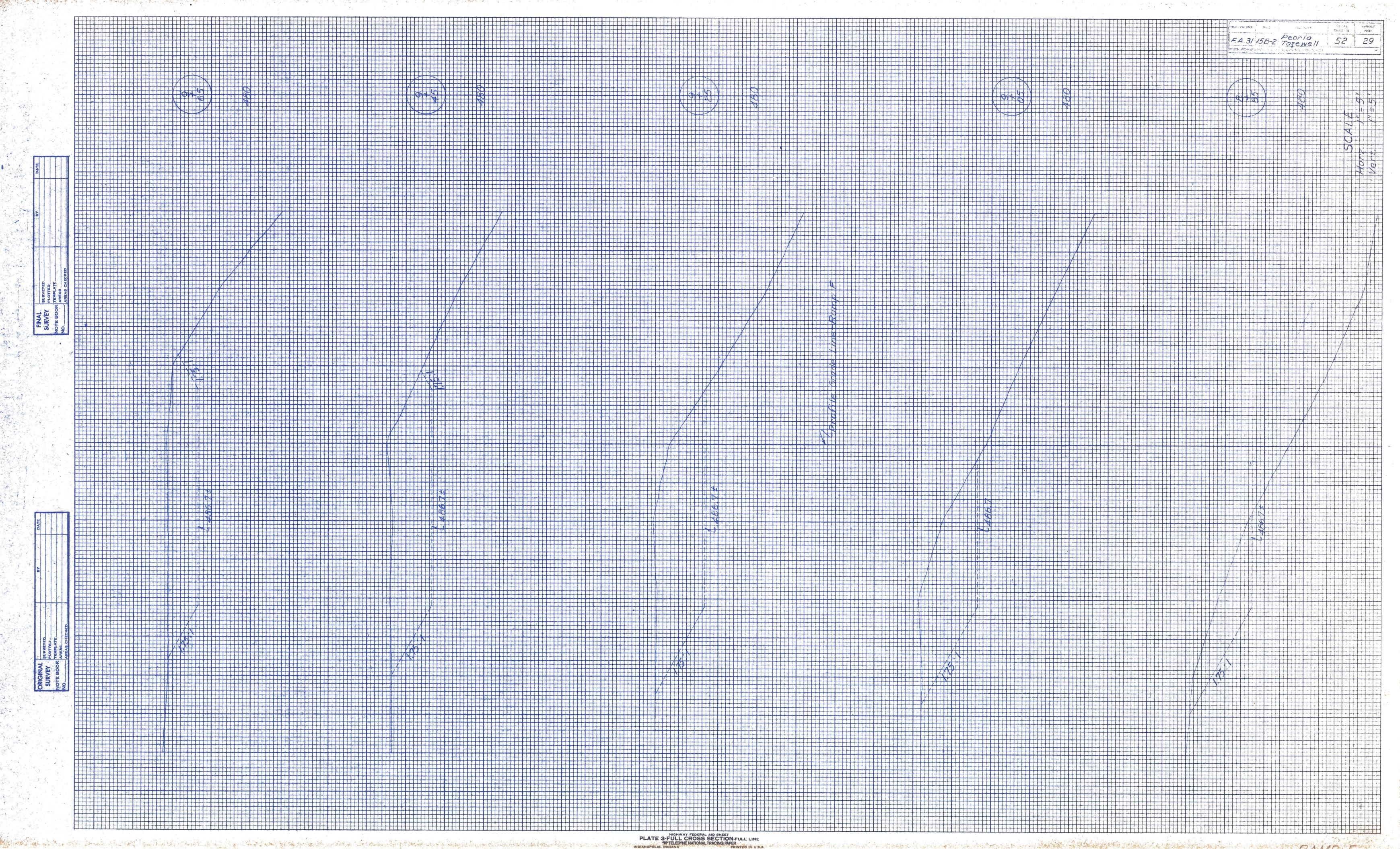


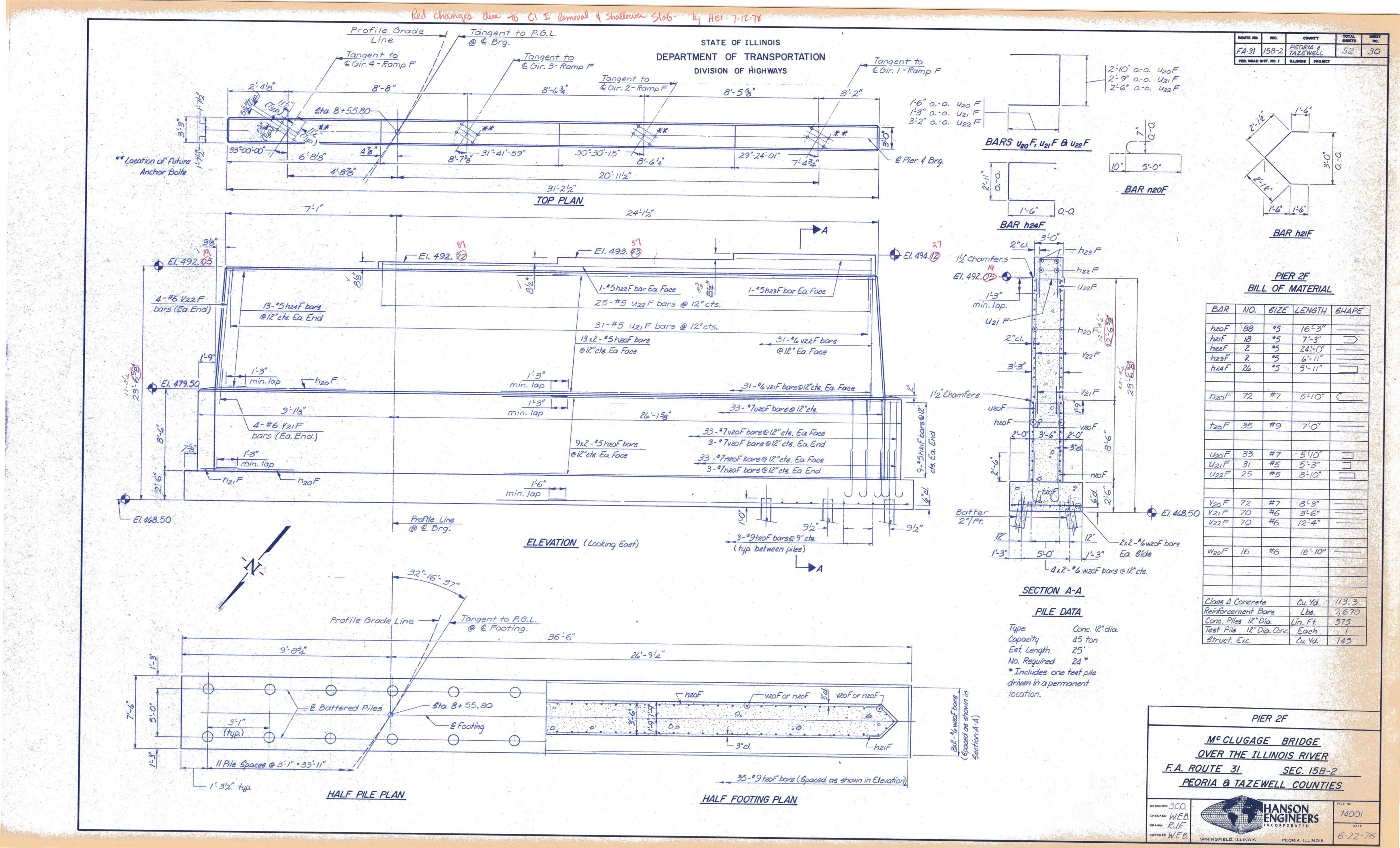


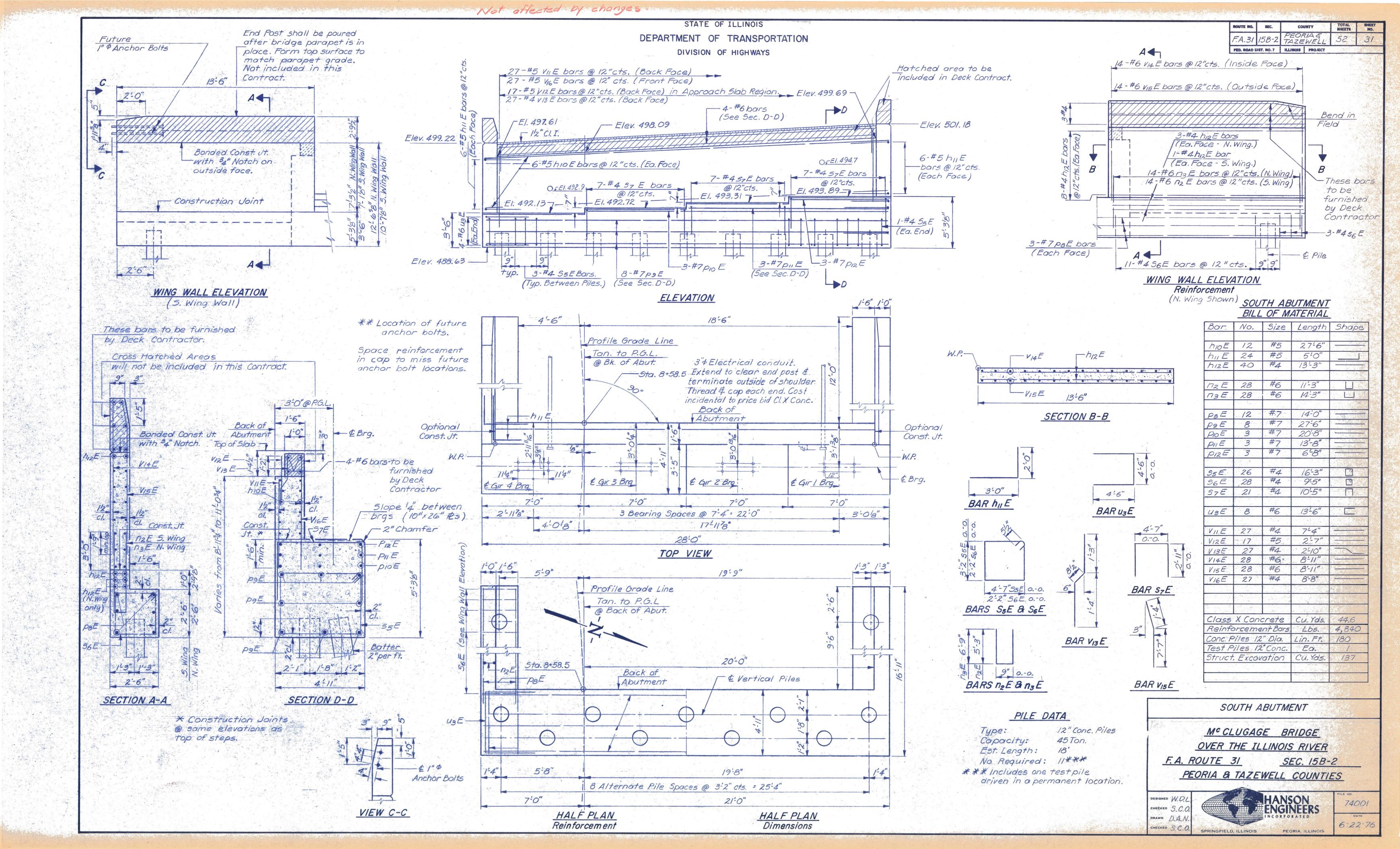


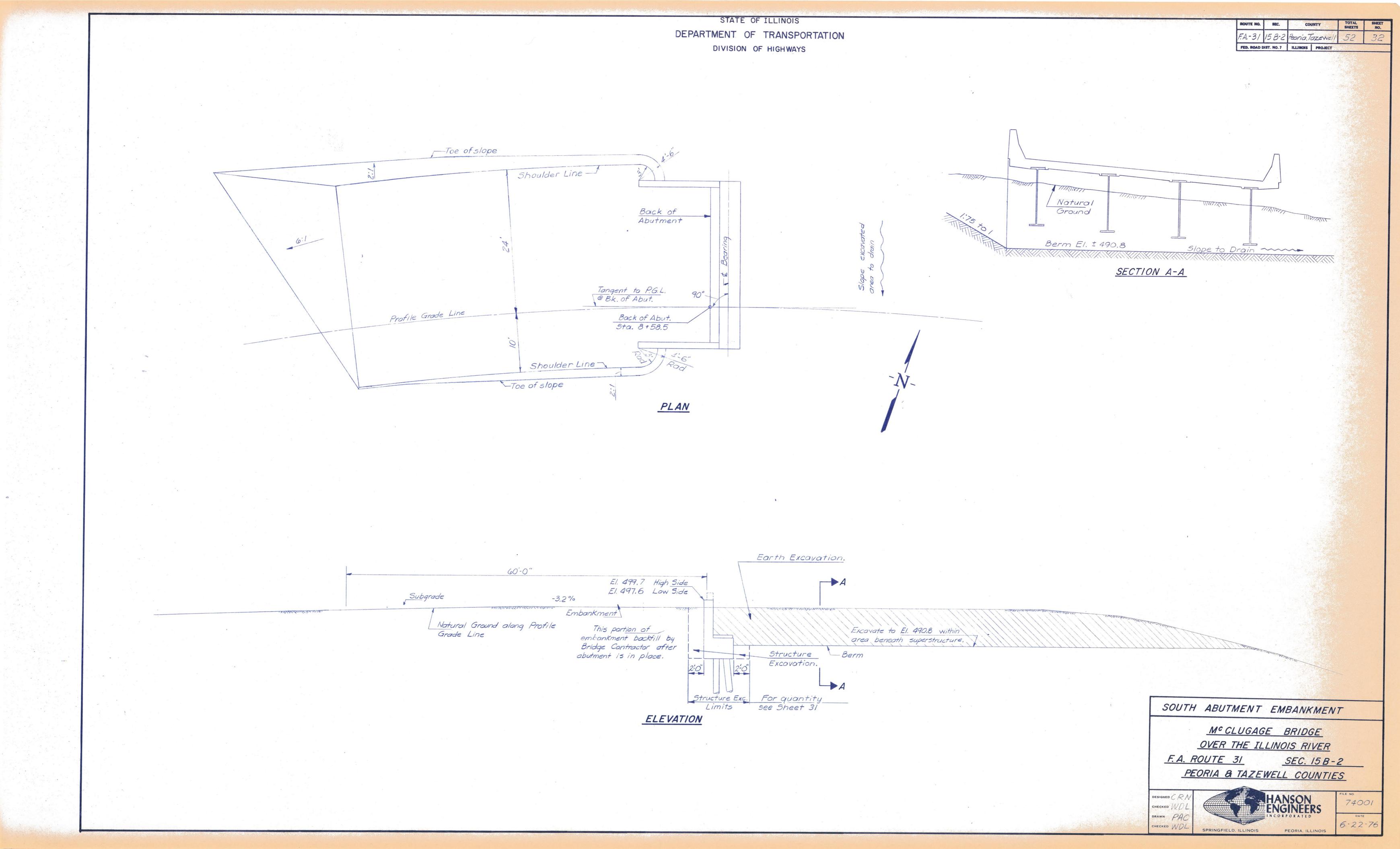


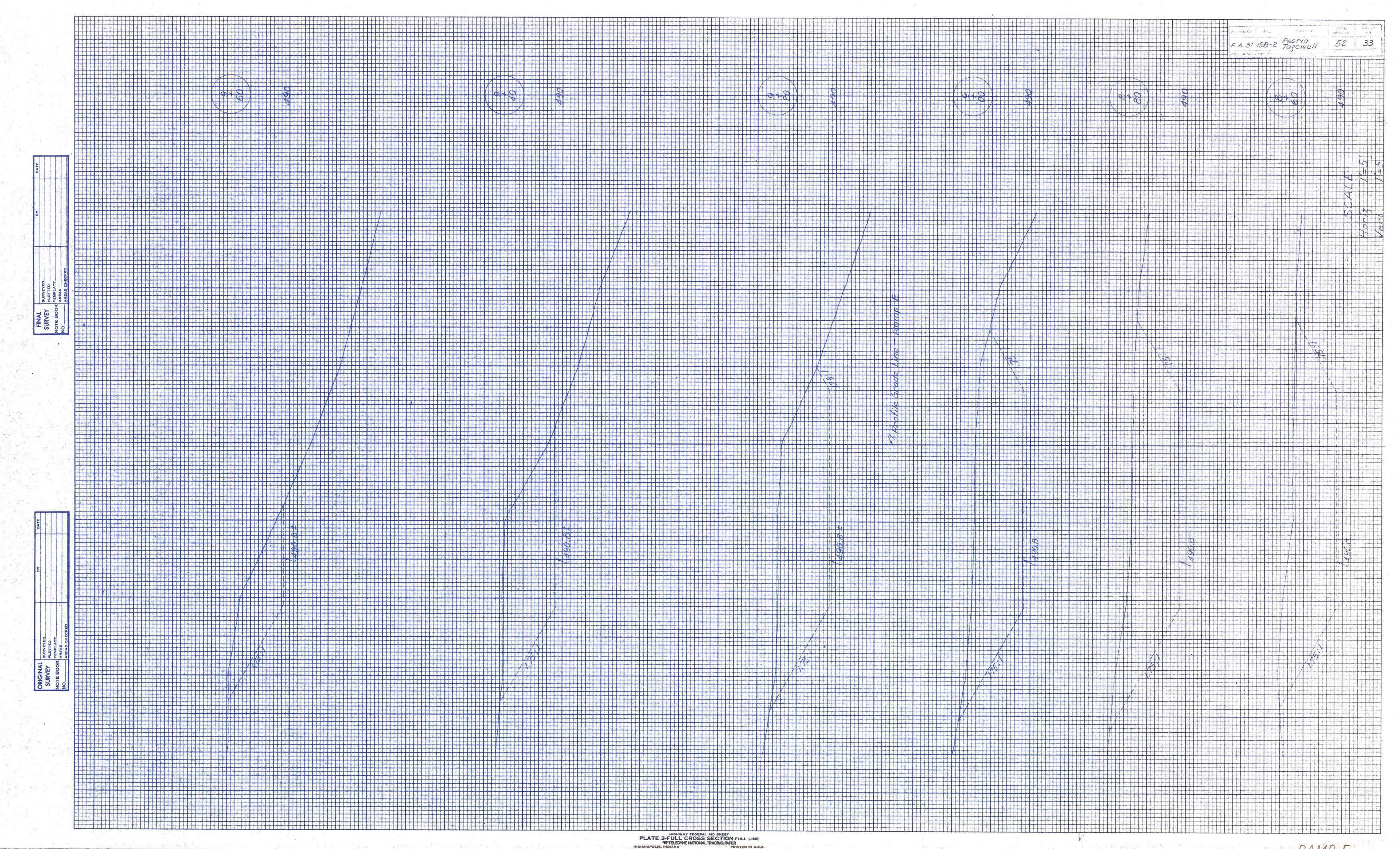


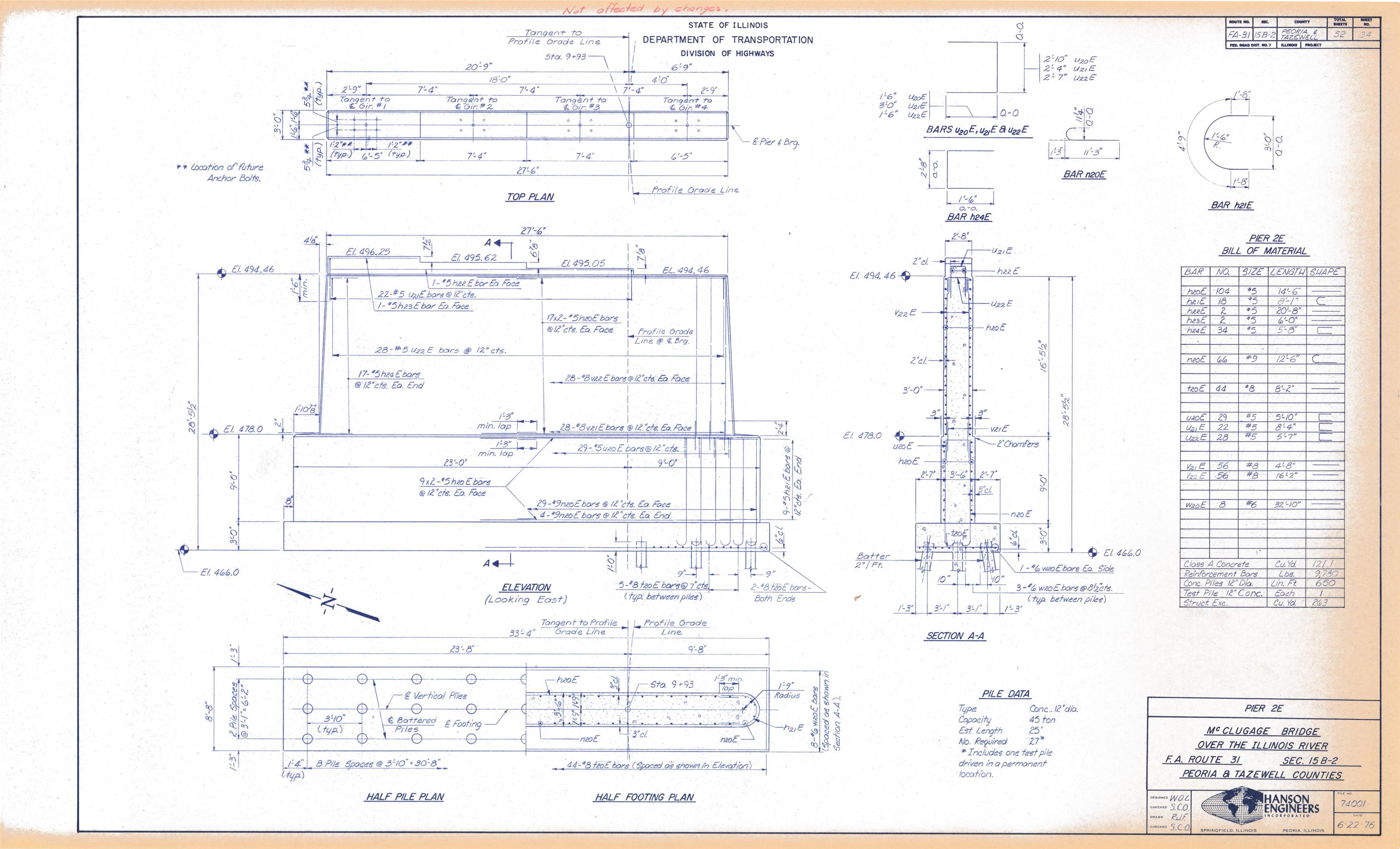


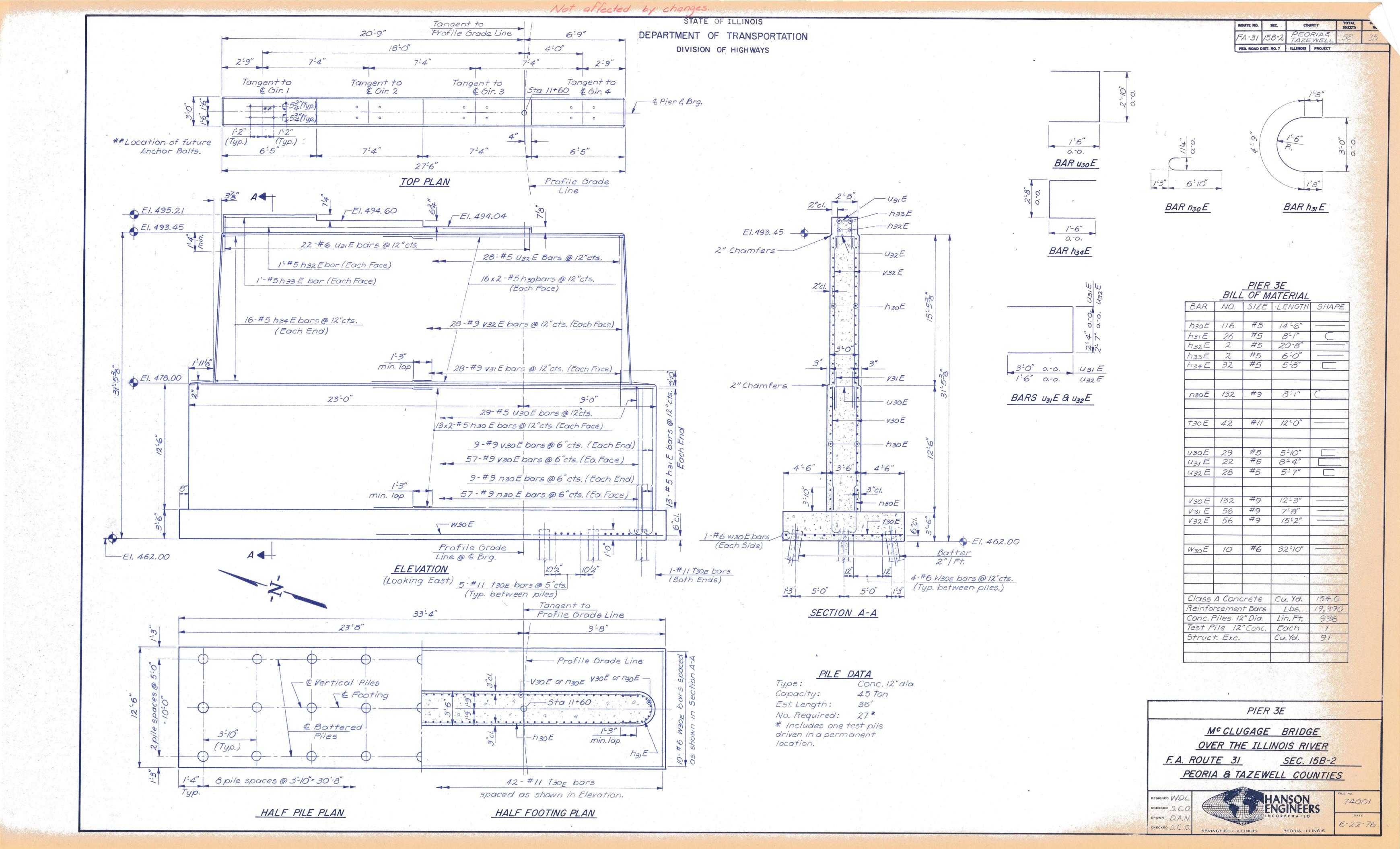


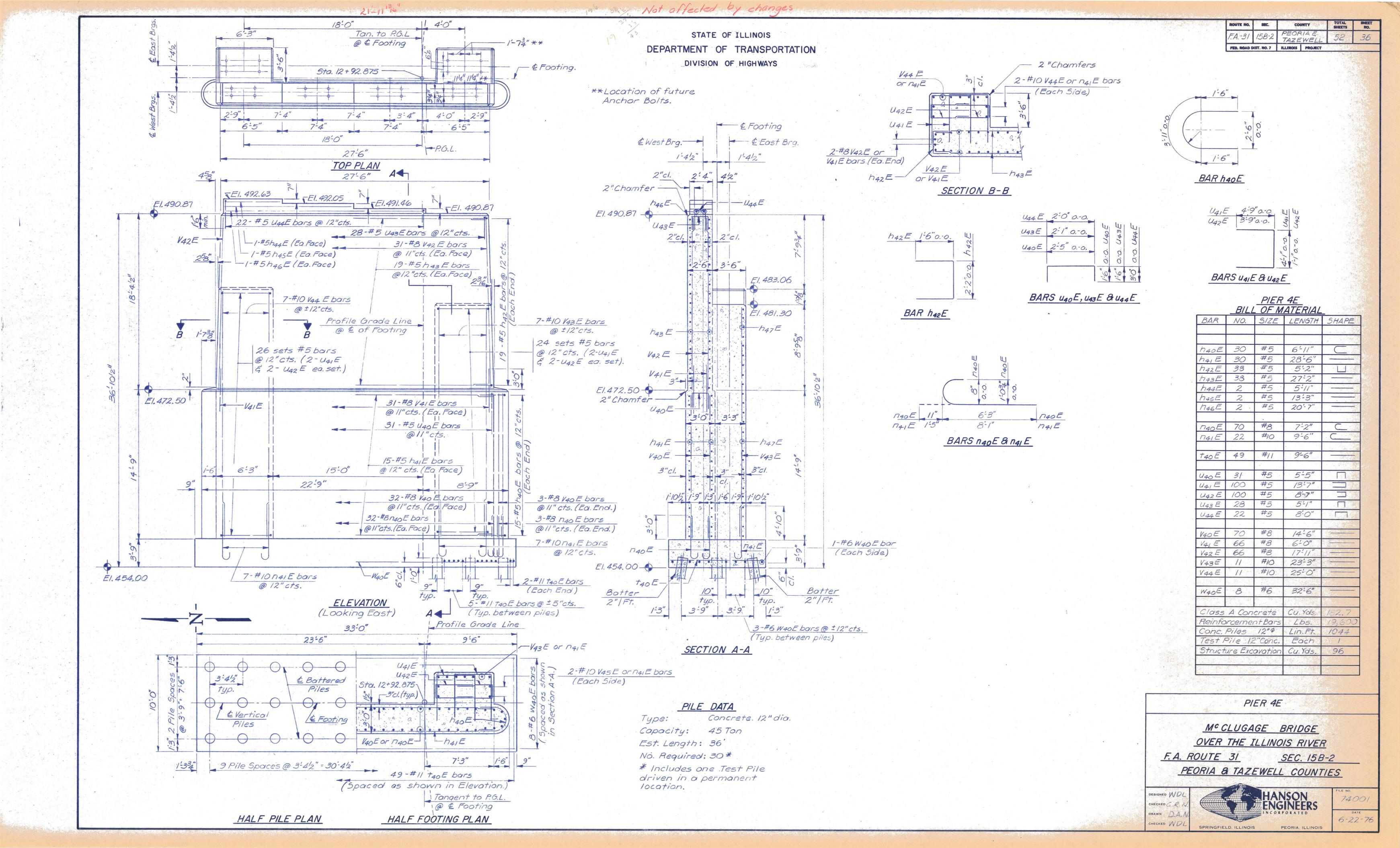


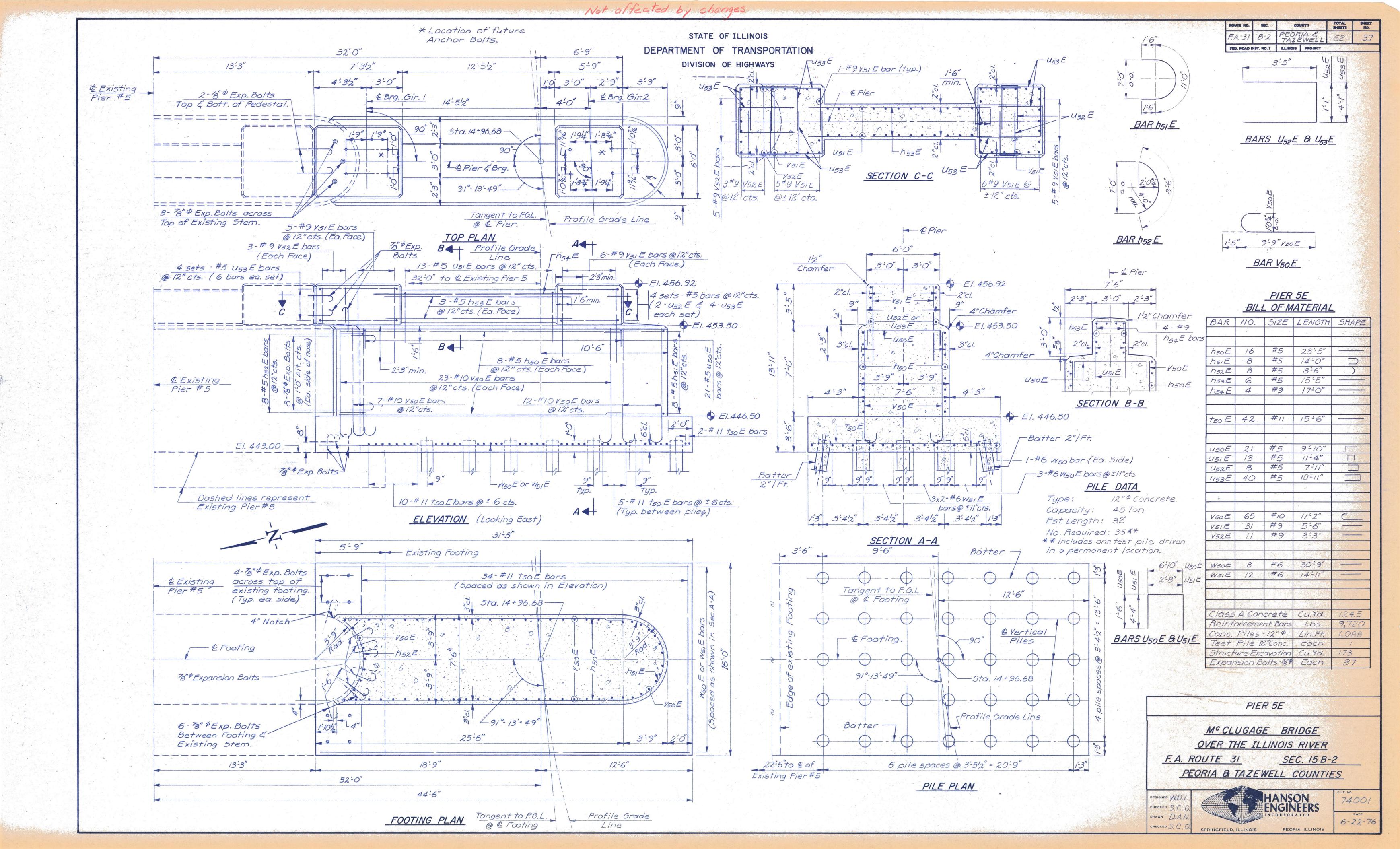


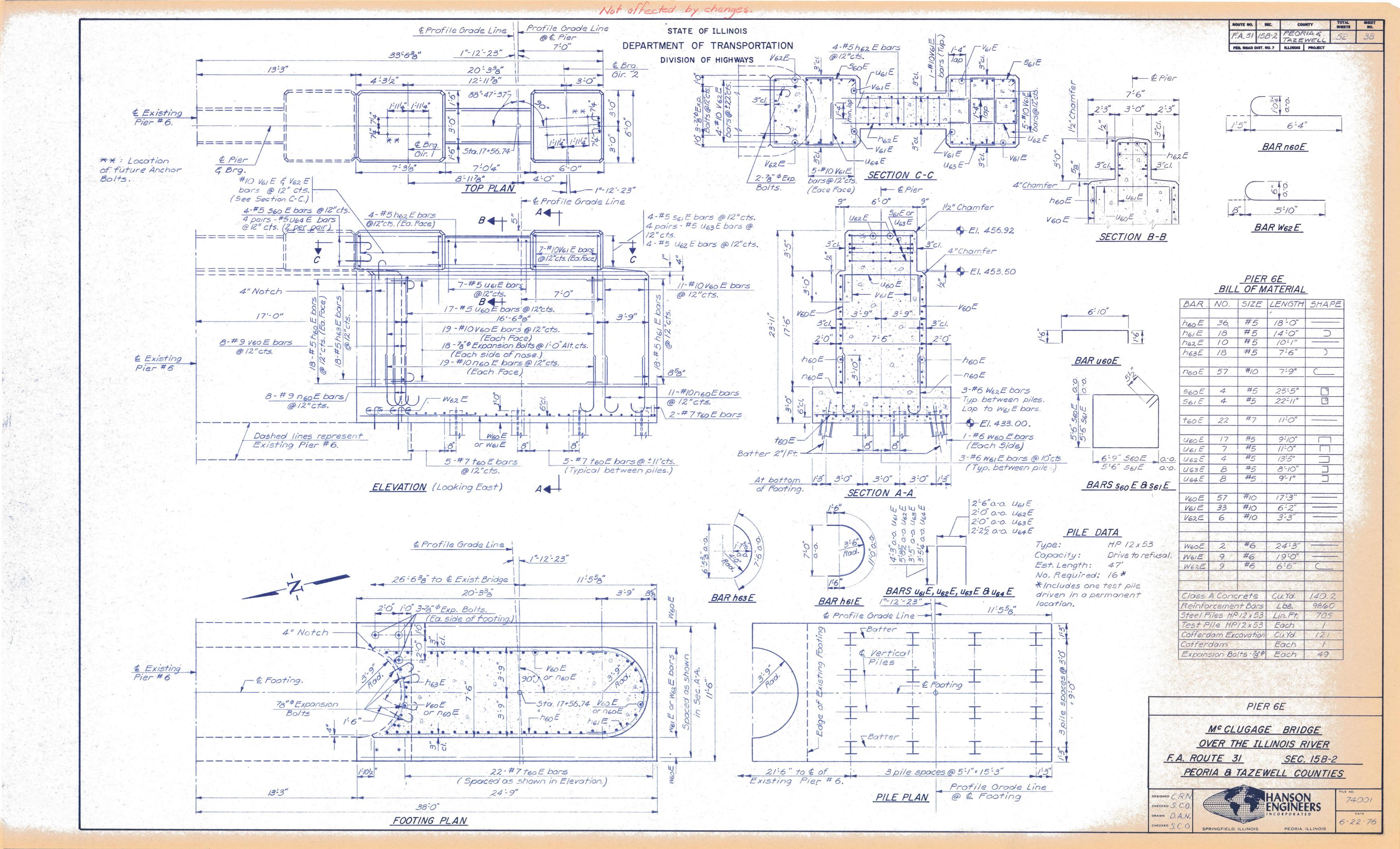


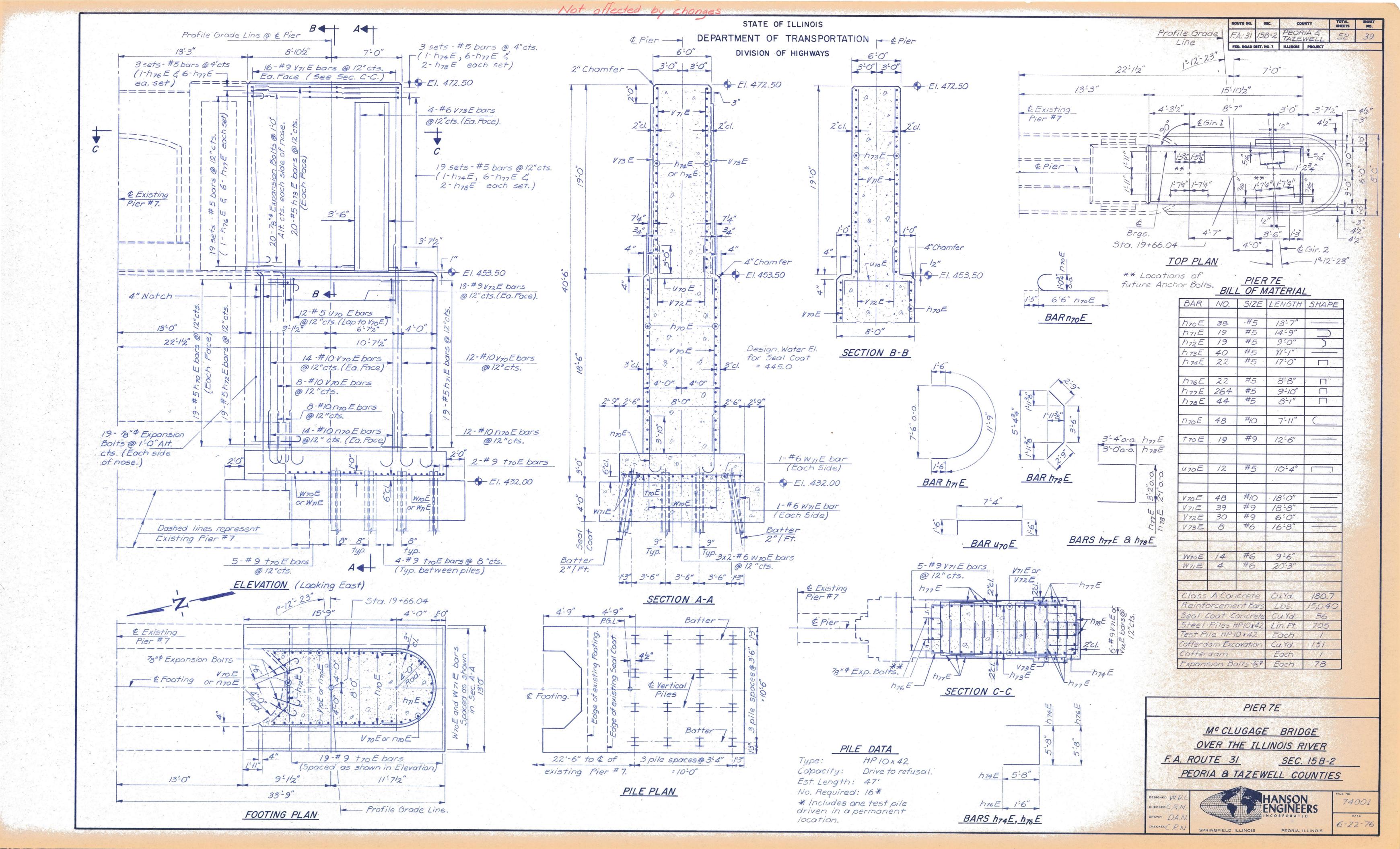


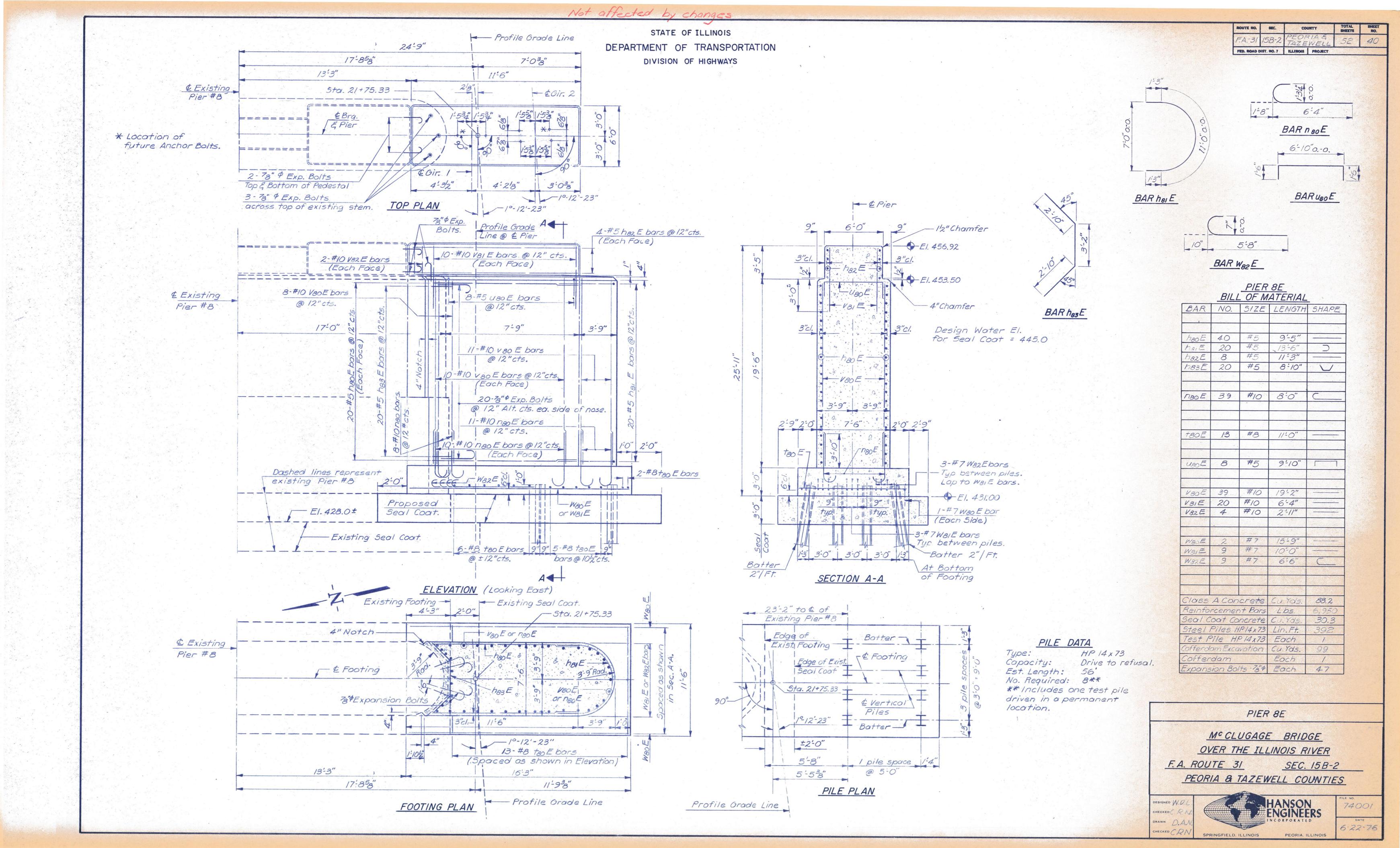


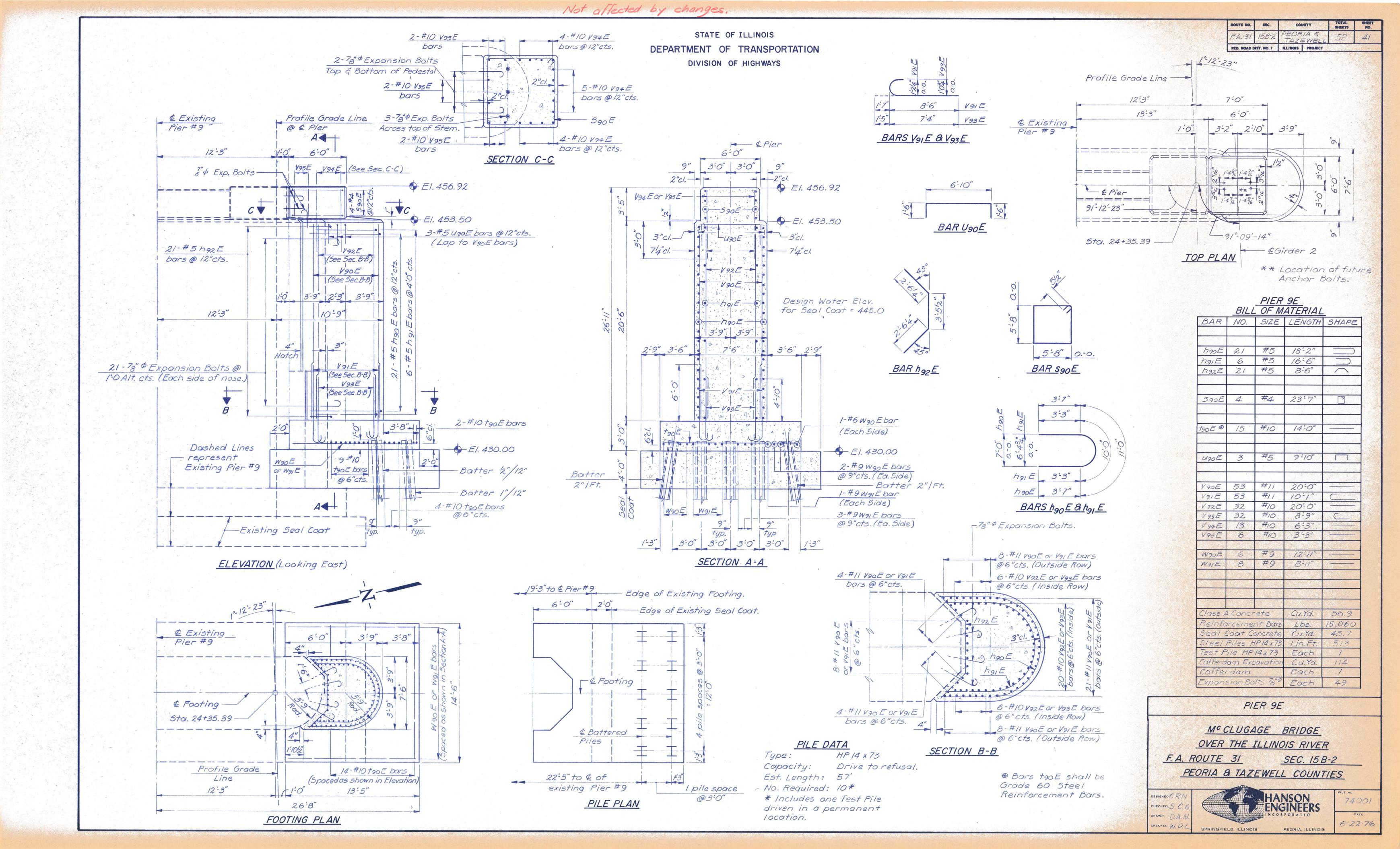


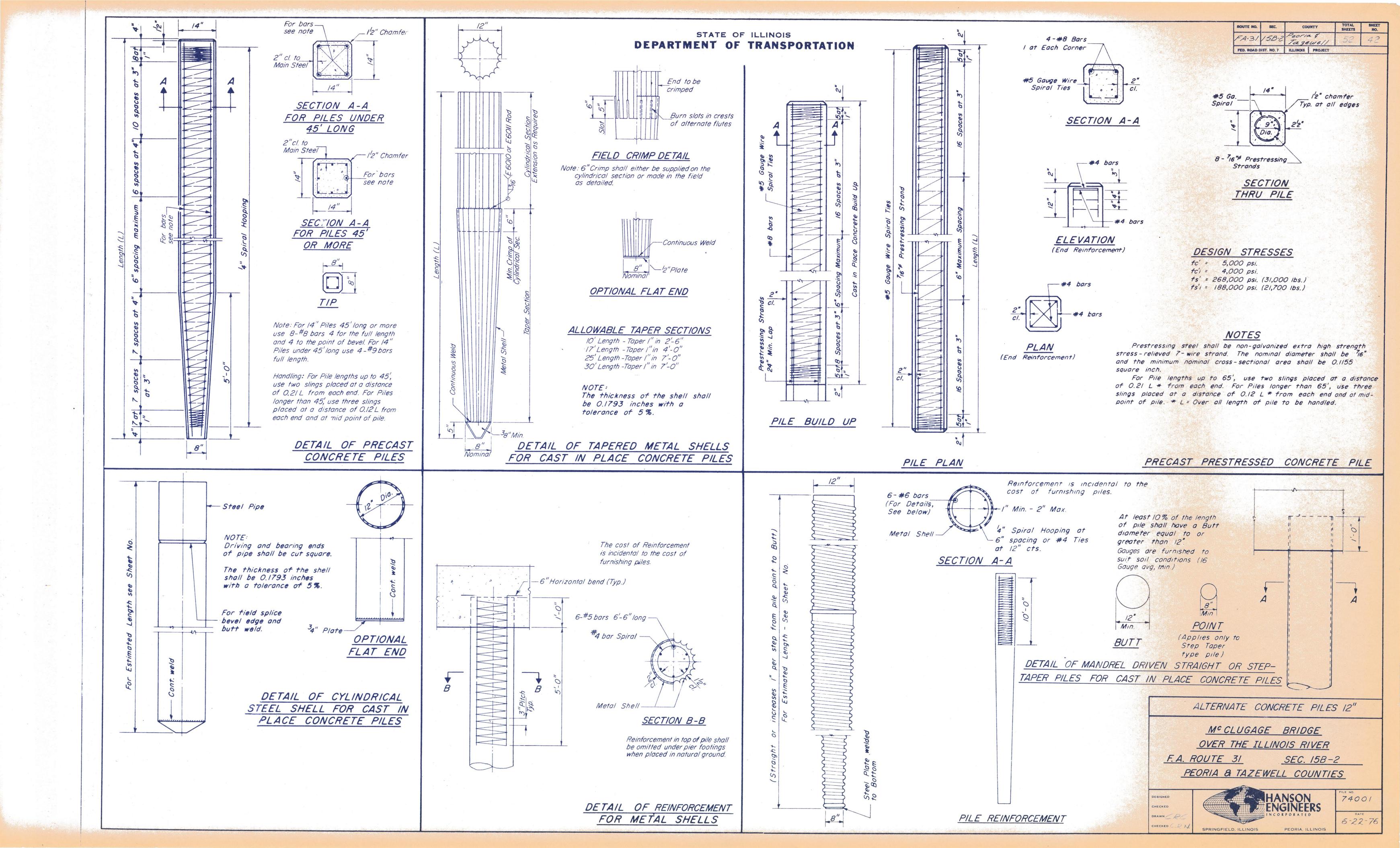


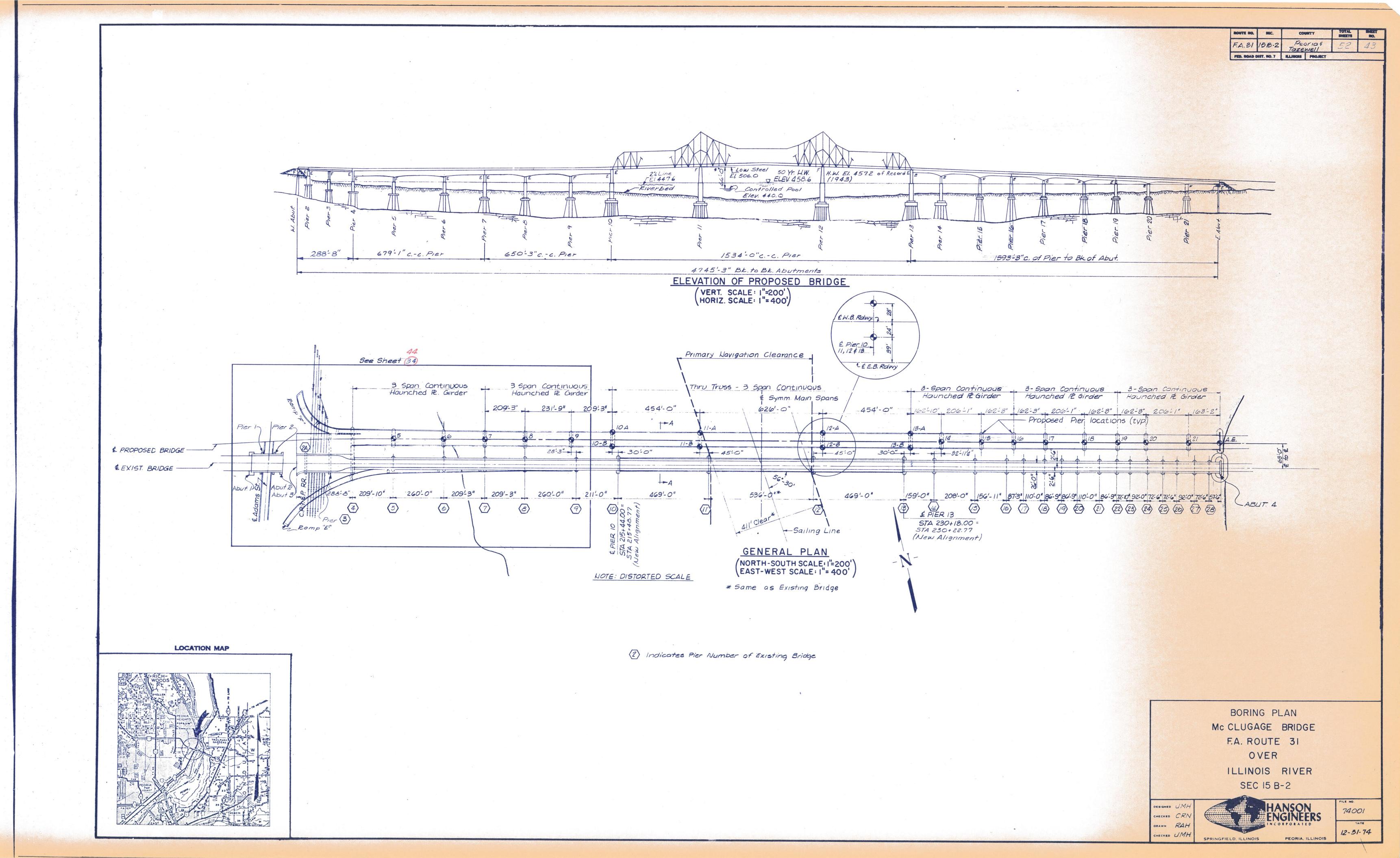


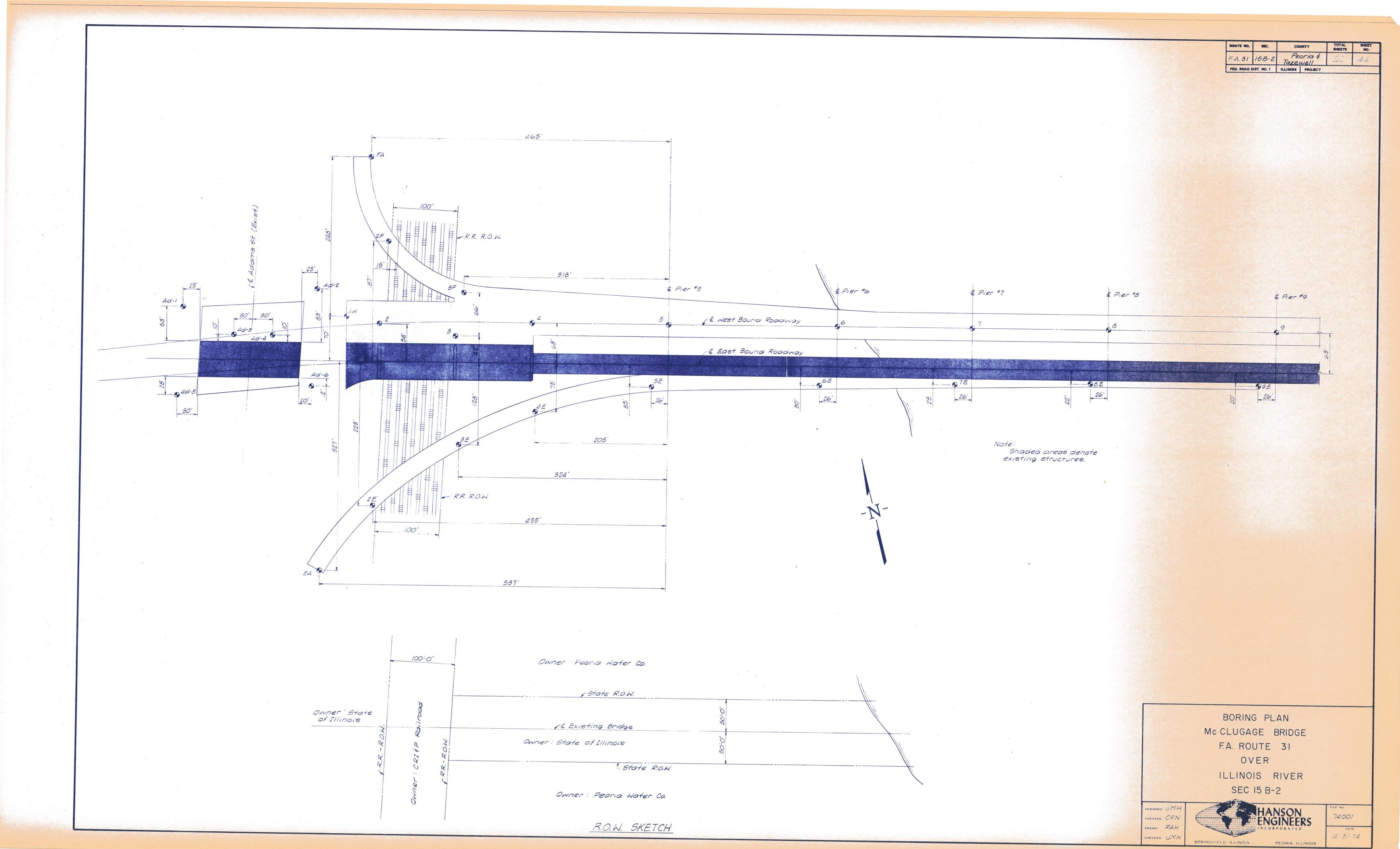












BORING DATA PED. ROAD DIST. NO. 7 | ILLINOIS | PROJECT BORING " ADI BORING # AD 2 BORING #AD3 BORING # AD 4 Ground Surface
Elev. 505.8 Ground Surface Ground Surface Elev. 489.6 Ground Surface Elev. 489.7 Elev. 502.8 N QU W N QU W Dense sandy silt tr 505 Brown loose fine sand. small gravel. Brown med fine sand . 500 -Med. - med. to coarse sand w/small to large gravel. 415 485 -485 Brown med - fine sand tr. silt & small gravel. 500 -Black & brown med. fine Brown loose fine sound sand w/some small gravel. w/some large gravel. 495 480 -410 480 -495 490 Grey & brown med. - fine sonol to silt & small 475 - 20 405 475 -490 gravel 485 Grey stilf sandy silt w/ some clay tr small Reddish brown loose fine 400 470 -470 sond w/some small gravel. gravel. 485 -480 Med. fine to course sond w/small to large gravel w/occasional Dense-fine brown 465 Brown loose fine sand 465 -\$ grey sand to silt & large gravel. 480 tr small gravel. silt seams . 475 -Dense shale 460 -390 460 Med. - med. to coarse sand w/small to large 475 gravel. 470 385 455 455 Rock Med. - fine to med. sand 470 w/small gravel. Med. med to coorse 465 -Med - med to coarse sand w/small gravel Boulder @ 451.1' - 450.1' trisilt & occasional sand w/ small to large 450 - 45 450 large gravel. 465 Dense - med to coarse sand w/ small to large 445 - 44 460 gravel. 455 -Dense - med to course Dense - med. to course sand w/small to large sand w/small to large 440 - 46 440 -455 gravel. gravei 450 -Dense-fine to med. sand w/small gravel tr. silt. 435 450 Very dense - med to course sand w/small 445 to large gravel tr. limestone fragments. 430 -445 440 -435 LEGEND: Note: Installed piezometer @ 434.3'; flushed with clear water & fastbreak & packed with clean sand to 472.8'. 435 Indicates Shelby Tube BORING DATA 430 MC CLUGAGE BRIDGE OVER THE ILLINOIS RIVER F.A. ROUTE 31 Indicates SEC. 15 B-2 425 Rock Core PEORIA & TAZEWELL COUNTIES Dense med to course sand w/small to large

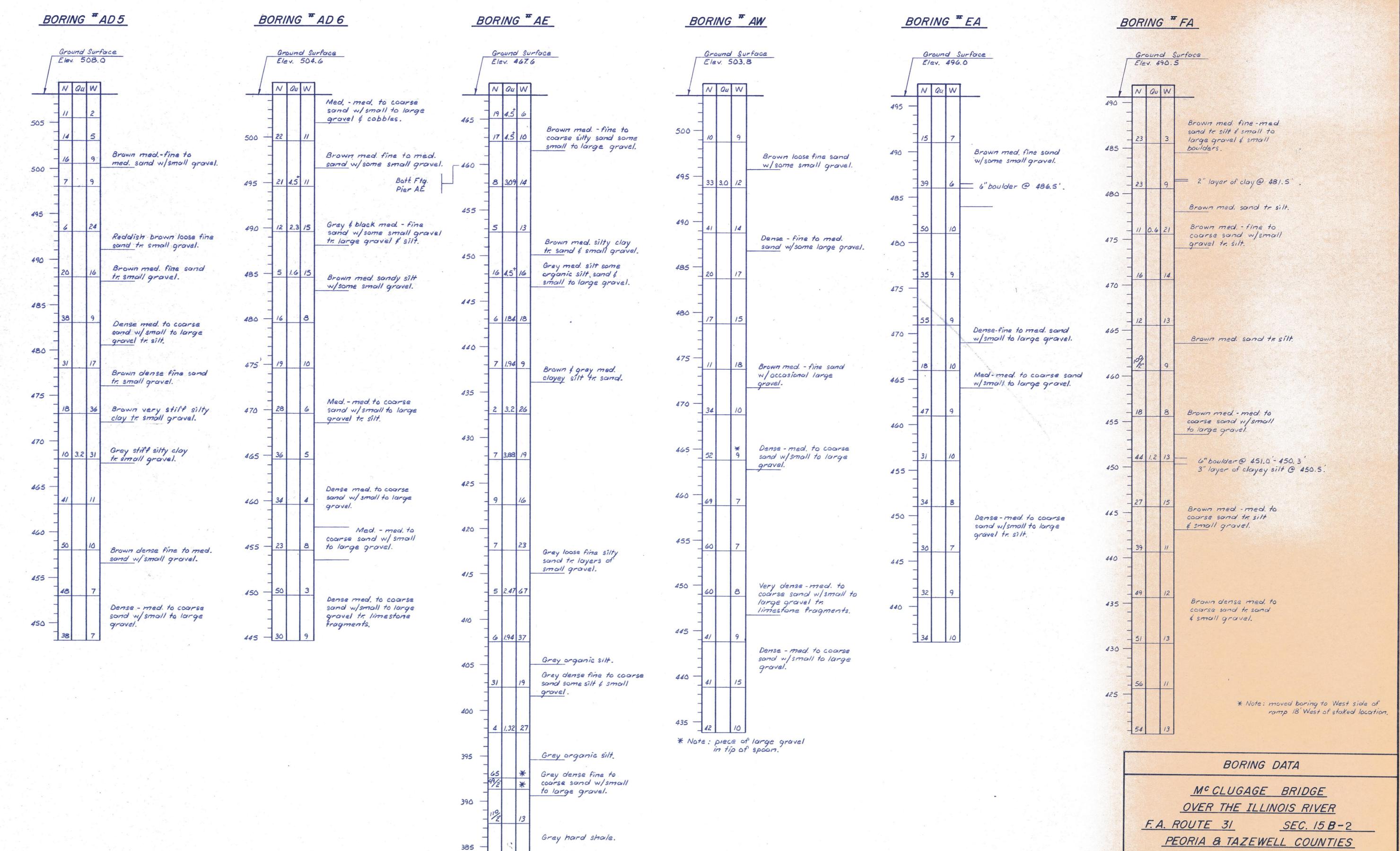
gravel tr. silt.

A - amount of penetration (in inches). B - amount recovered (in inches).

percent of core recovered.

HANSON PORATED 74.00

FED. ROAD DIST. NO. 7 | ILLINOIS | PROJECT



A - amount of penetration (in inches). B- amount recovered (in inches).

C- percent of core recovered.

LEGEND:

Indicates

Indicates Rock Core

Shelby Tube

* - Lost sample pushing gravel.

16" 4.27 15

CHECKED

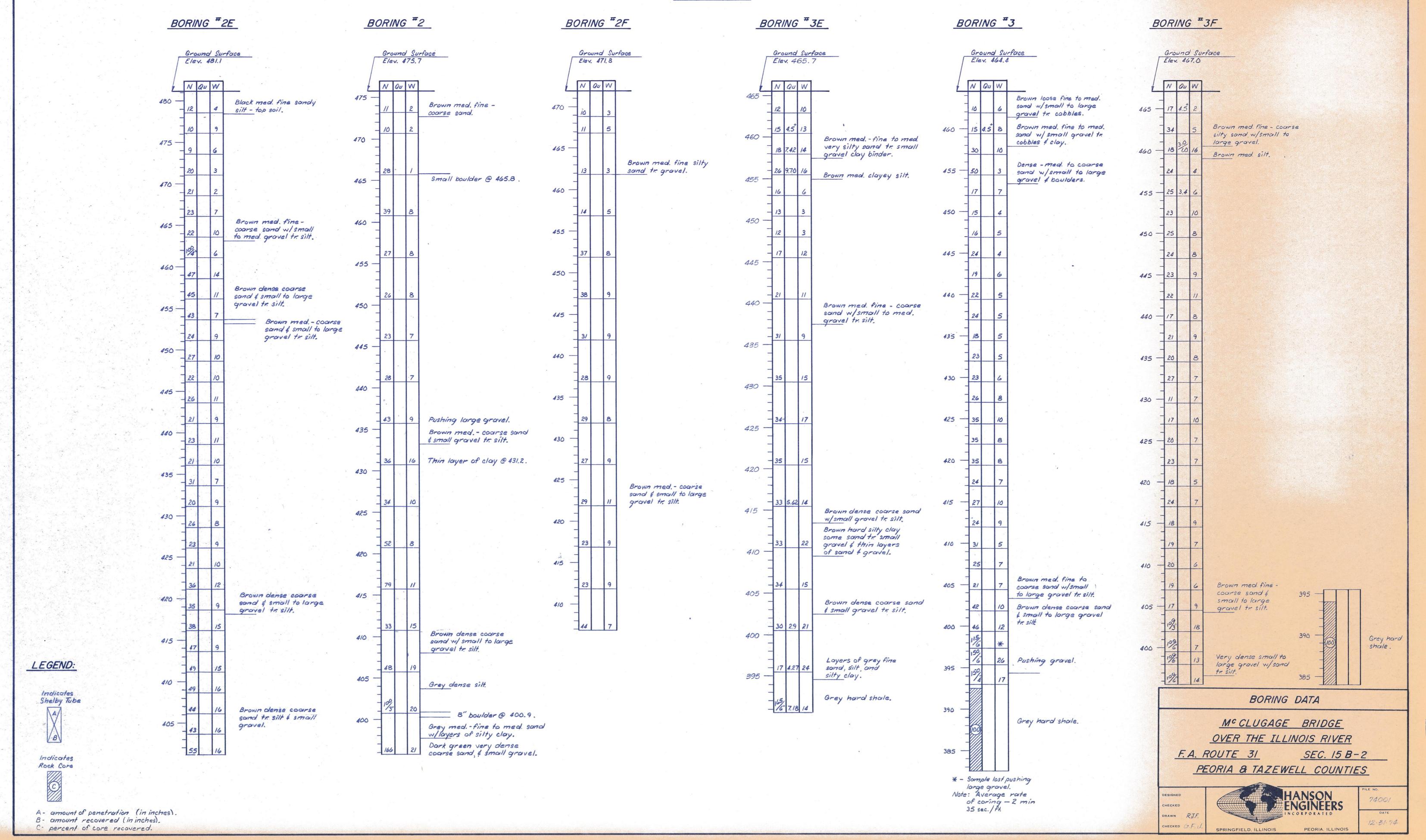
CHECKED G.F.

74001 12-31-74

ROUTE NO. SEC. COUNTY TOTAL SHEET NO.

F.A. 31 15B-2 Peoria \$ 52 47

FED. ROAD DIST. NO. 7 ILLINOIS PROJECT



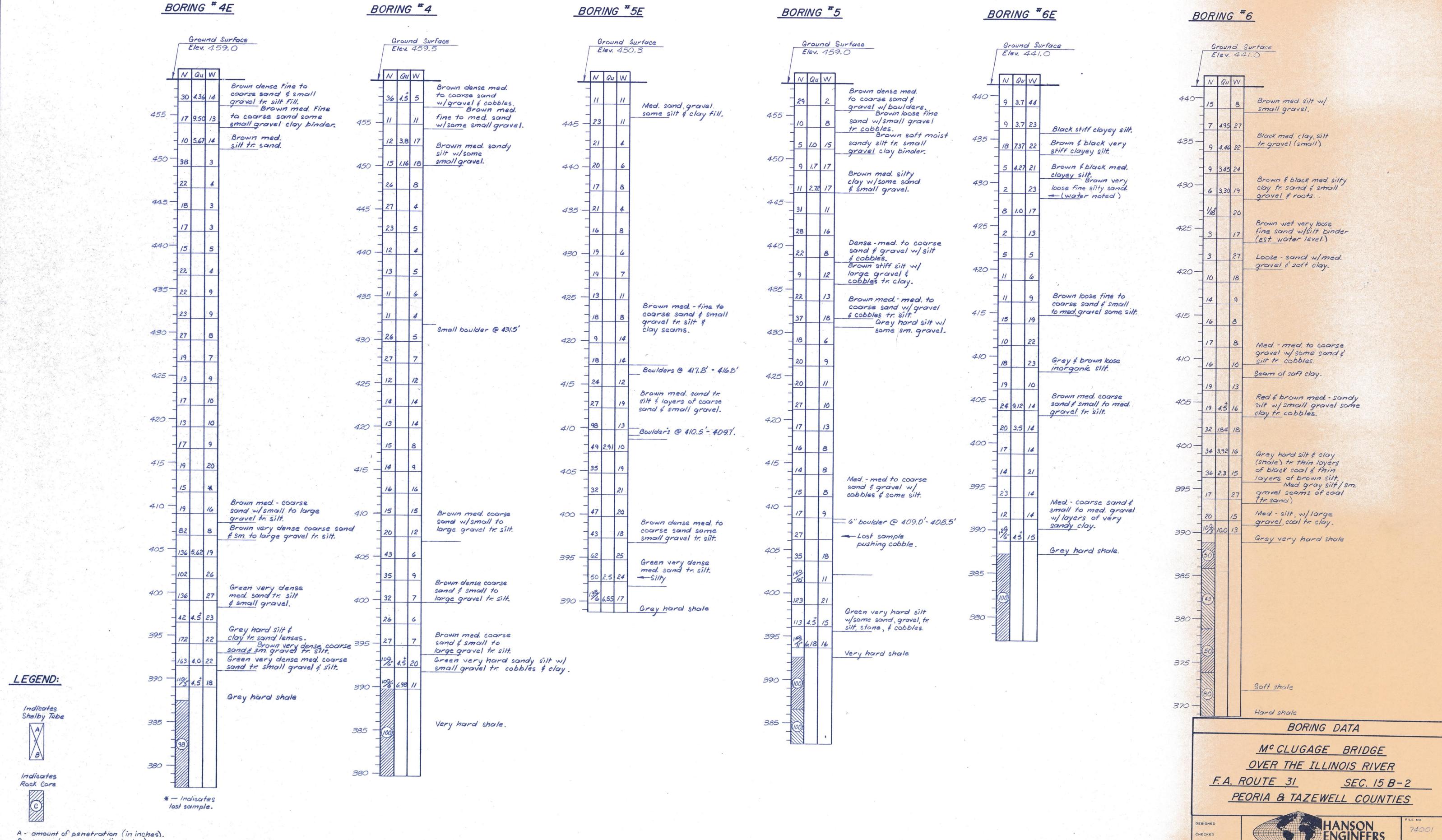
ROUTE NO. SEC. COUNTY TOTAL SHEET NO.

F.A. 81 158-2 Peorio \$ 52 48

PED. ROAD DIST. NO. 7 ILLINOIS PROJECT

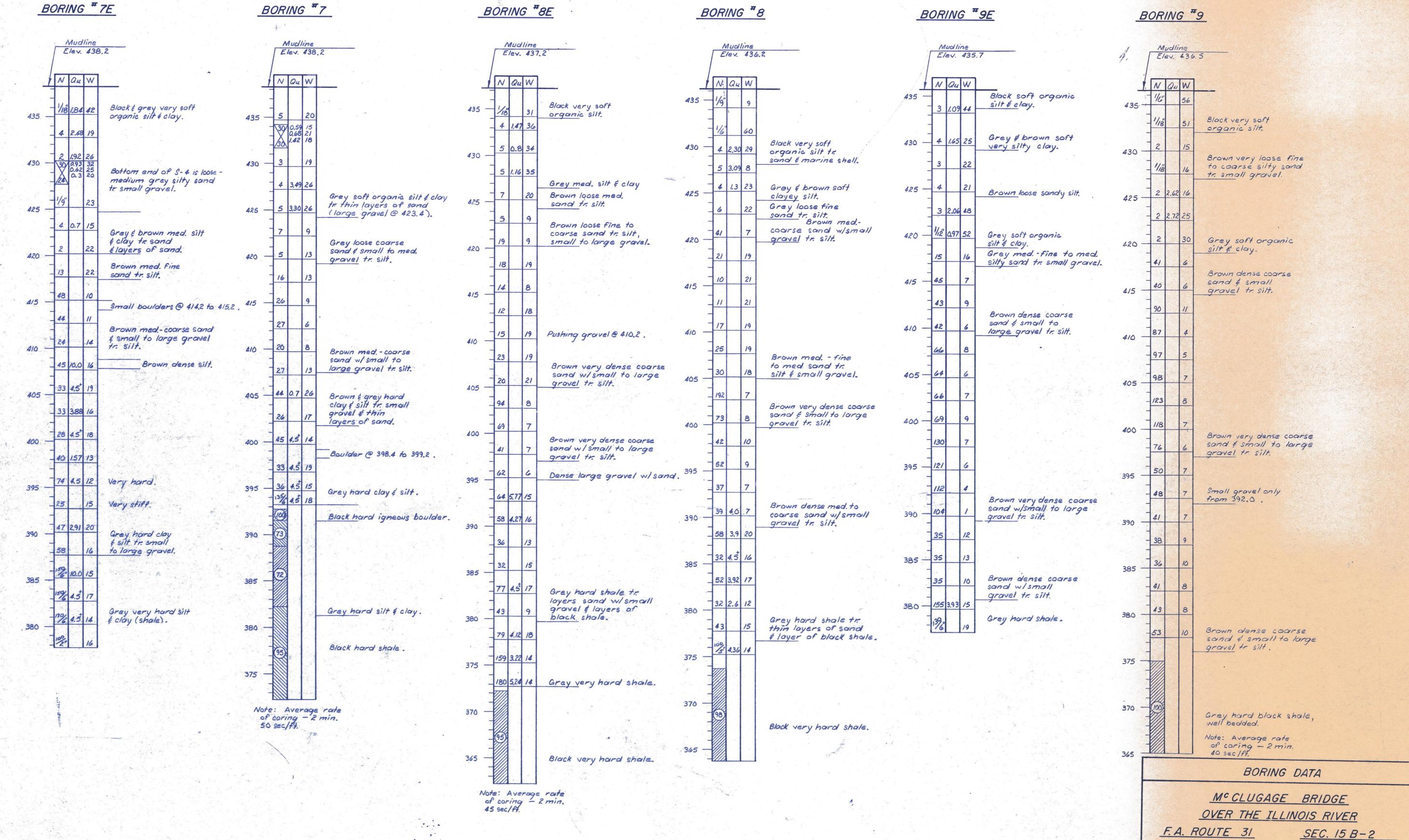
DRAWN

12-31-74



B- amount of penetration (in inches).
C- percent of core recovered.

FED. ROAD DIST. NO. 7 ILLINOIS PROJECT



Indicates Rock Core

LEGEND:

Indicates

Shelby Tube

A - amount of penetration (in inches). B - amount recovered (in inches).

percent of core recovered.

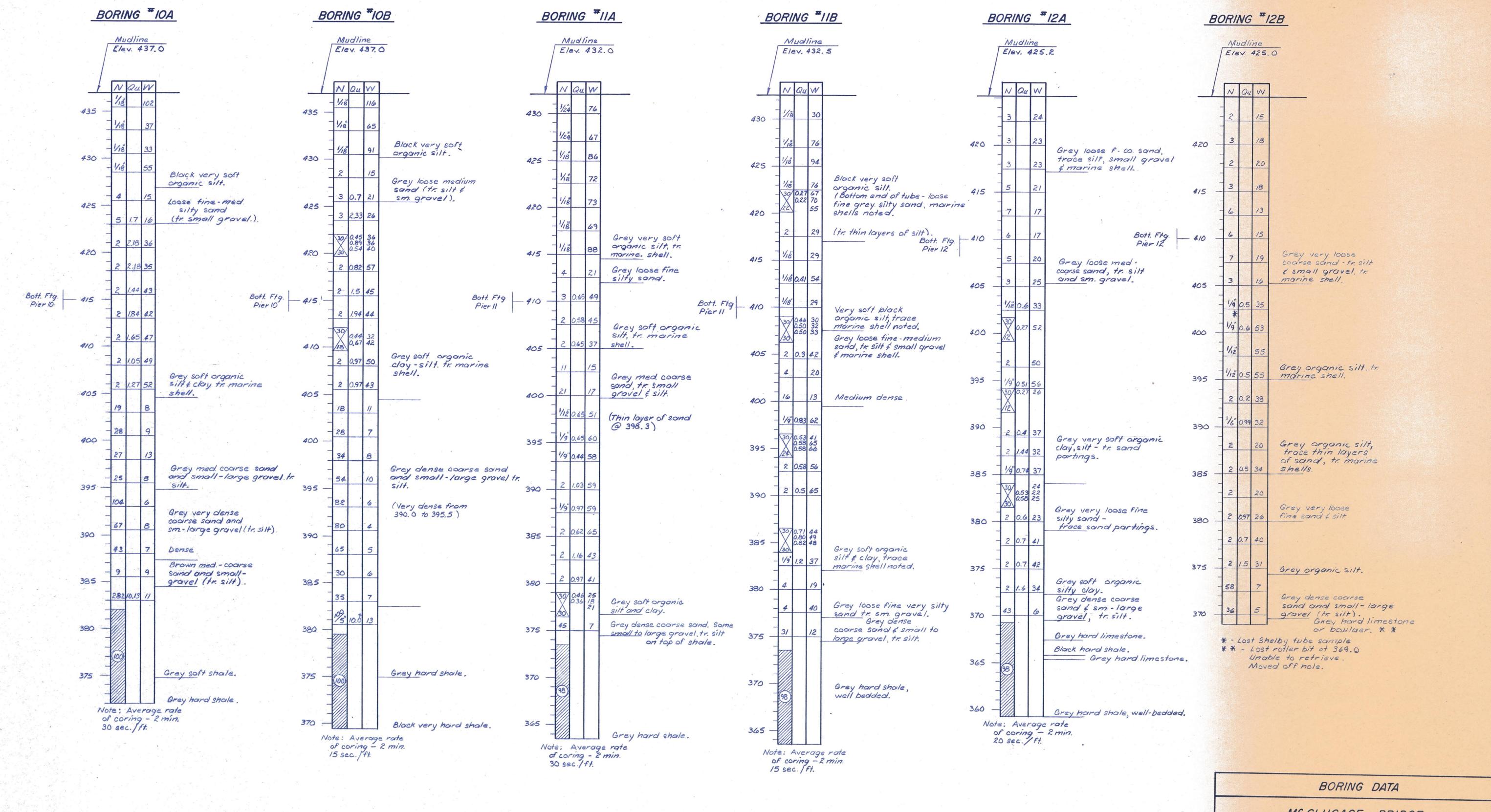
PEORIA & TAZEWELL COUNTIES

DRAWN RJ.F. HECKED G.F. SPRINGFIELD, ILLINOIS

PEORIA, ILLINOIS

7400





Indicates

LEGEND:

Shelby Tube

Indicates
Rock Core

Rock Con

A - amount of penetration (in inches).

B - amount recovered (in inches).
C percent of core recovered.

M° CLUGAGE BRIDGE

OVER THE ILLINOIS RIVER

F. A. ROUTE 31 SEC. 15 B-2

PEORIA & TAZEWELL COUNTIES



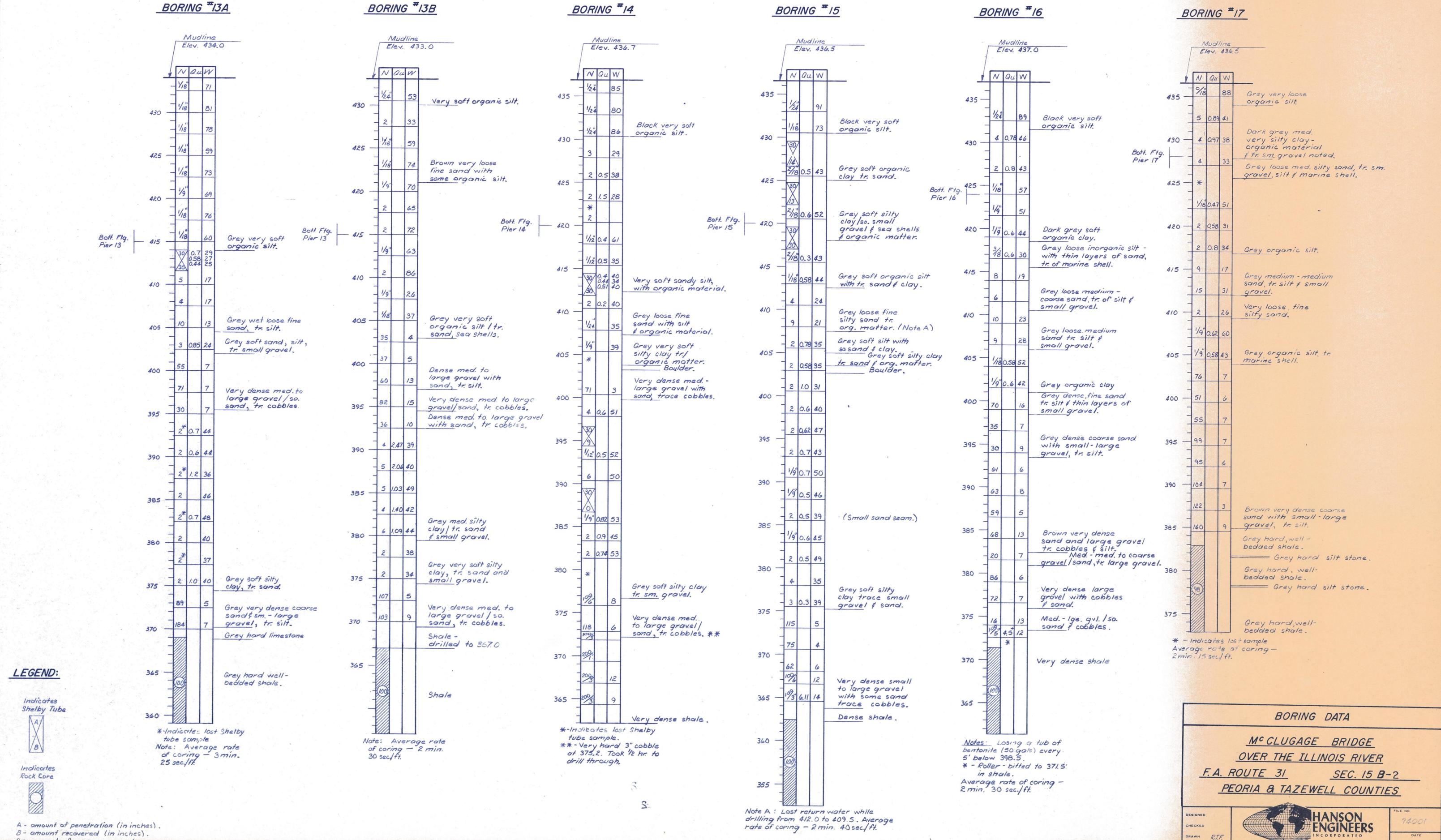
HANSON ENGINEERS INCORPORATED

PEORIA, ILLINOIS

12-31-74

74001

TOTAL FED. ROAD DIST. NO. 7 ILLINOIS PROJECT



8 - amount recovered (in inches)

percent of core recovered.

CHECKED G.F.

SPRINGFIELD, ILLINOIS PEORIA, ILLINOIS

12-31-74

		BORING DATA	
BORING *18	BORING #19	BORING #20	BORING **21
Elev. 436.5	Mudline Elev. 437.8	Mudline Elev. 438.5	Mudline Elev. 438.9
N QUW Dark grey - % 72 very goft organic silt. 4 .5 43 - 3 .7 40	N Qu W Very loose fine organic sand. 4 0.78 59/33 Dark grey soft organic clay.	N Qu W Black very loose 1 48 fine silty sand. 5 0.78 40	N Qu W Grey very loose fine silty sand 5 0.7 30/34 Dark grey medium
Bott. Ftg. 3 1.03 35 Pier 18 Dark grey & brown soft clayey silt. Bott. Ft Pier 19	1/9" 0.35 43	- 1/18" 33 Grey very loose	Bott. Ftg. 7 18 Coarse sand s. sm. gravel, tr. silt & veg.
420 — 6 22 5 22	10 II Coarse sond, so. sm. grattr. silt & marine shell. 420 - 2 0.2 53	vel.	Grey soft clayey silt. 3 23 Grey loose medium - coarse sand, tr. silt, sm. gravel & silt partings. Arey loose clayey silt, tr. thin
415 - 8 24 9.0.6 48 Grey very loose fine - med silty sand - tr of	2 0.82 31 2 0.70 32 Grey soft clayey silt. Grey med med coarse some small gravel.	Grey very soft clayey silt, tr. thin layers of fine sand. 6" layer of sond & small grave! 2 0.39 27 @ 414.2.	10yers of sand. 2 21 Grey loose medium to coarse sand, tr. Silt.
shell - Note: 6" loyer of sondy silt at 417.0 - 416.5. - 1/6" .58 36 Grey very soft organic silt - tr	410 - 3 41 Grey very loose fine organic sand. - 2 0.33 33 405 - 2 0.85 63	410 -1/9" 0.4 31 Grey very loose fine sandy silt. -1/6" 0.78 64 Grey very soft	2 0.78 42 Grey soft organic silt. Gr. medium fine medium sand, tr. silt, sm. gravel & thin layers of organic silt. Grey medium inorganic silt, Grey medium inorganic silt,
- 1/18 0.6 33 Grey very soft cloyey silt.	1/9" 0.78 60 Grey organic silt. 2 0.62 33	405 - 18 0.8773 organic silt. - 18 12 Grey medium medium- coarse sandsome small gravel, tr. silt & silt partings.	405 - 15 25 tr. thin layers of sand. 13 22 Grey medium fine - coarse gand, tr silt small gravel.
395 — 6 6 5 390 — 746 5	395 Grey very soft clayey sill Grey dense coarse sand & small to media gravel, tr. silt.		-1/9" 0.46 39 -1/9" 0.39 35 -1/6" 0.5 33 Grey very soft
385 - 88 8 coarse sand with small to medium gravel, tr. silt.	390 — 30 16 Grey dense medium sand, trace silt \$ sm. gravel. 385 — Grey hard shale,	390 - 34 19 Grey dense medium sand, tr. silt, tr. sm. gravel. 385 - Grey hard shale	-8 0.2 34 clayey silt. tr. organic silt partings. Brown dense coarse sand, s. sm. gravel tr. silt.
	well-bedded.	well- bedded.	Grey hard shale- well-bedded. Brn. hard limestone. Grey hard shale well-bedded.
Note: Average rate of coring - 2 min. 20 sec/ft.	Note: Average rate of coring - 2 min, 20 sec./ft.	Note: Average rate of coring - 2 min. 15 sec./ft.	Grey hard shole- well-bedded.

LEGEND:

Indicates Shelby Tube

Indicates
Rock Core

A - amount of penetration (in Inches).
B - amount recovered (in Inches).
C - percent of core recovered.

BORING DATA

M° CLUGAGE BRIDGE OVER THE ILLINOIS RIVER F.A. ROUTE 31 SEC. 15 B-2 PEORIA & TAZEWELL COUNTIES



