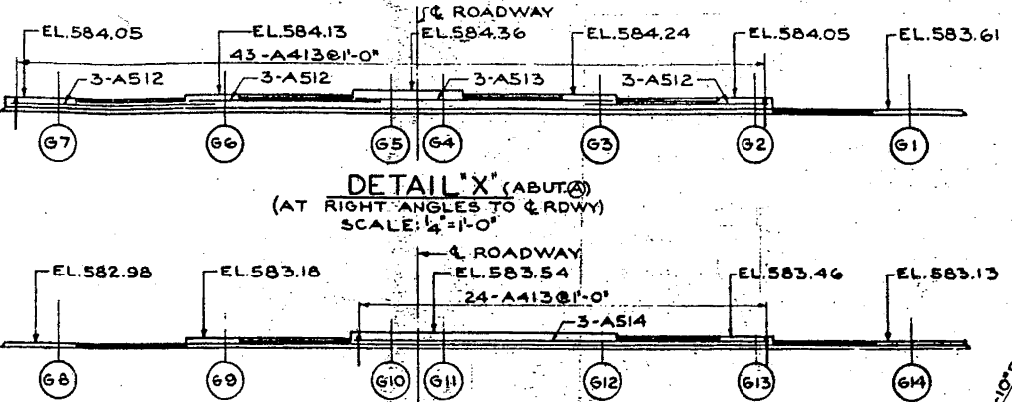
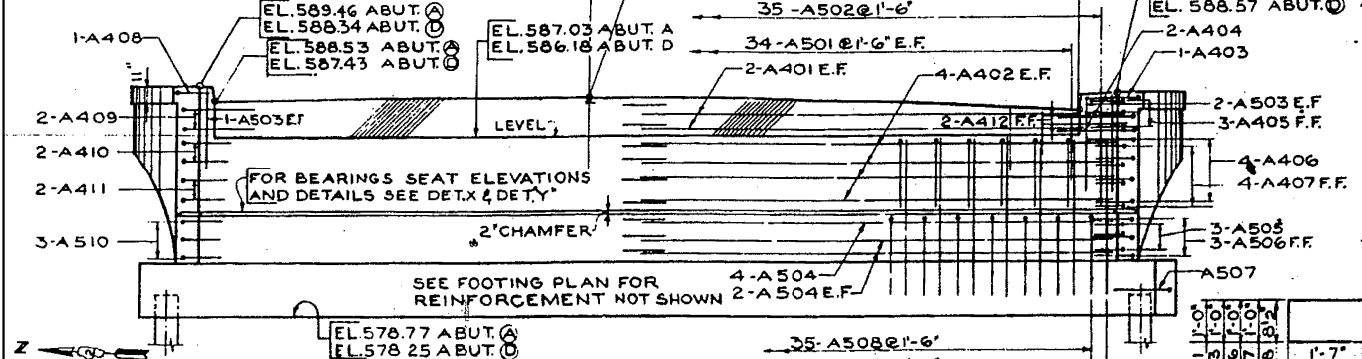
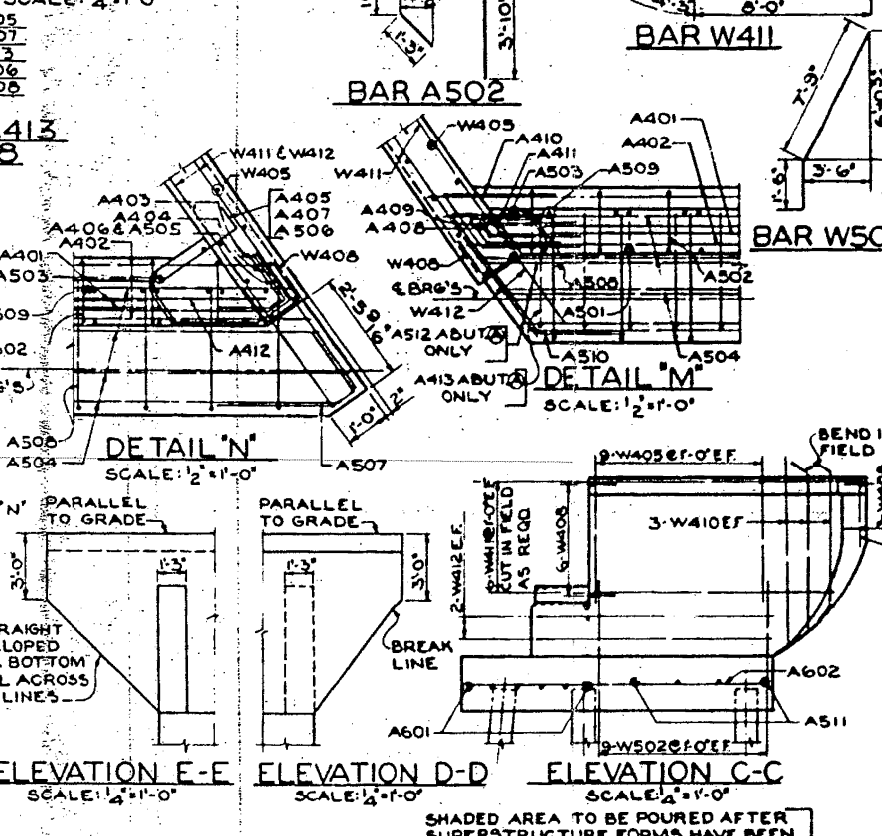
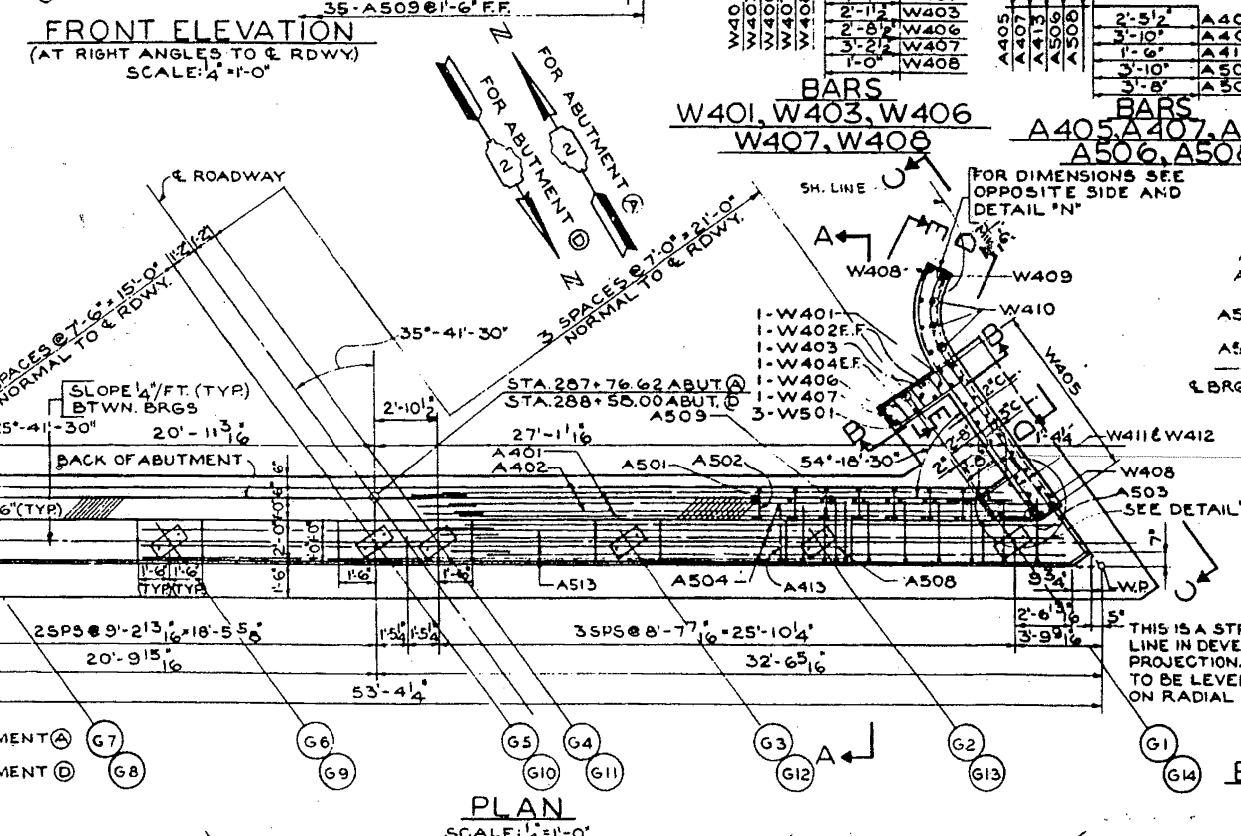
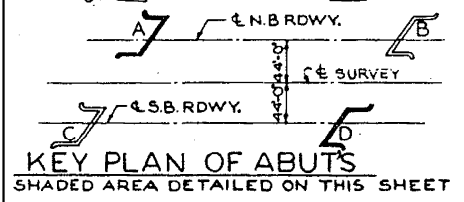


NOTES:
 E.F. = EACH FACE
 N.F. = NEAR FACE
 F.F. = FAR FACE
 ALL BACKWALL ELEVATIONS
 GIVEN AT N.F.

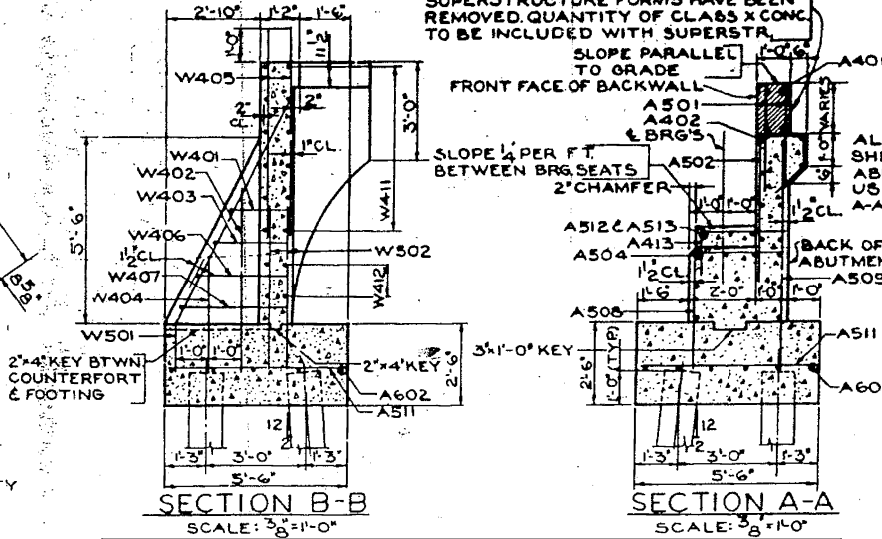
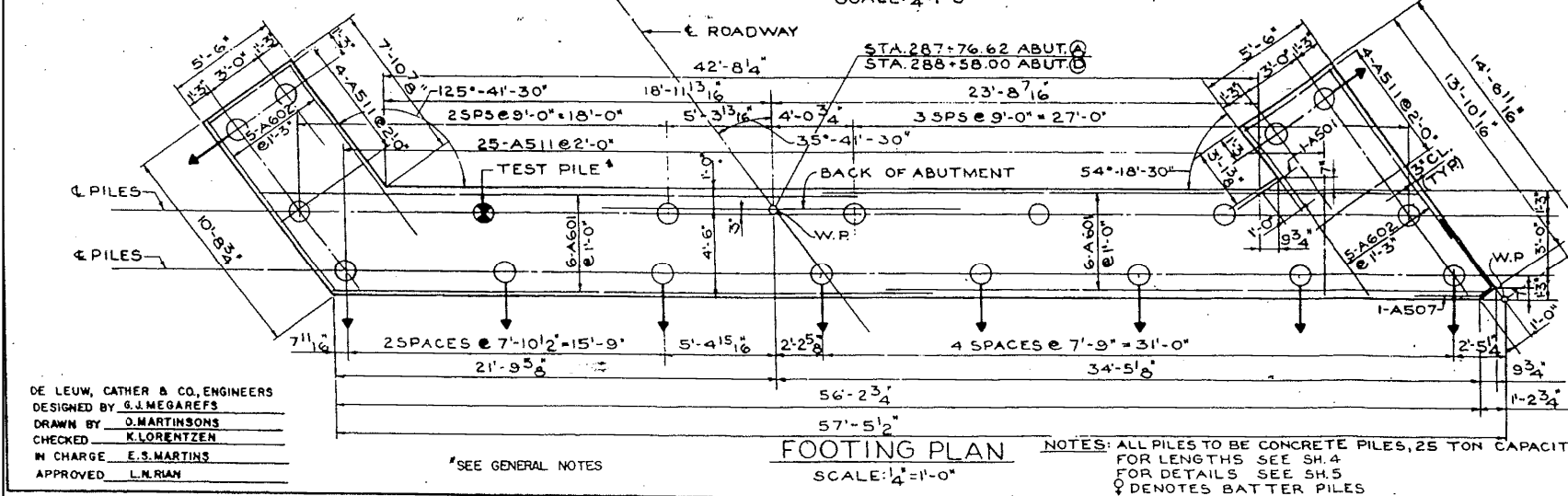
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	81-1BR-1	ROCK ISLAND	430	301
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BAR	A	B	C	D	E
A408	9'-2"	5'-2"	1'-8"	7'-3"	
A409	9'-2"	5'-2"	3'-4"	7'-3"	
A410	1'-4"	9'-2"	1'-6"	1'-2"	
A411	9'-2"	5'-2"	1'-6"	7'-3"	
A510	5'-3"	1'-11"	1'-6"	2'-8"	



BAR NO	SIZE	LENGTH	SHAPE	WEIGHT
A401	16	4	24'-6"	282
A402	32	4	28'-2"	602
A403	2	4	4'-6"	6
A404	4	4	5'-10"	16
A405	6	4	3'-0"	12
A406	8	4	3'-10"	21
A407	8	4	4'-4"	23
A408	2	4	4'-4"	6
A409	4	4	7'-6"	20
A410	4	4	4'-8"	12
A411	4	4	3'-10"	10
A412	4	4	3'-0"	8
A413	67	4	4'-2"	186
A501	138	5	3'-6"	504
A502	70	5	7'-2"	523
A503	12	5	4'-3"	83
A504	32	5	27'-2"	897
A505	6	5	3'-7"	22
A506	6	5	4'-4"	27
A507	2	5	6'-6"	14
A508	70	5	6'-5"	468
A509	70	5	7'-2"	523
A510	6	5	6'-4"	40
A511	66	5	5'-0"	344
A512	8	5	11'-6"	108
A513	3	5	14'-3"	43
A514	3	5	22'-8"	71
A601	24	6	28'-0"	1045
A602	20	6	10'-3"	508
W401	4	4	4'-2"	11
W402	8	4	5'-3"	25
W403	4	4	5'-3"	14
W404	8	4	3'-3"	17
W405	72	4	6'-7"	317
W406	4	4	6'-5"	17
W407	4	4	7'-5"	20
W408	32	4	2'-8"	88
W409	8	4	2'-11"	16
W410	24	4	8'-2"	131
W411	48	4	12'-3"	333
W412	16	4	10'-6"	112
W501	12	5	9'-3"	116
W502	72	5	4'-5"	332
TOTAL				7776



NOTES:
 ALL BAR DIMENSIONS ARE OUT TO OUT.
 USE HALF OF THE TOTAL NUMBER
 OF BARS FOR EACH ABUTMENT,
 EXCEPT BARS MARKED (A)
 ALL BAR MARKS TO BE PREFIXED FOR
 SHIPMENT WITH THE LETTER OF THE
 ABUTMENT WHERE THE BARS WILL BE
 USED. FOR EXAMPLE:
 A-A401 MEANS BARS A401 FOR ABUT. A

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CUYD	125.0
REINFORCEMENT BARS	POUND	7776
DRIVING CONCRETE PILES	LIN. FT.	882
FURNISHING CONCRETE PILES	LIN. FT.	88.2
TEST PILE CONCRETE	EACH	2

ABUTMENTS A AND D
 F.A.I. 80 SECTION 81-1BR-1
 F.A.I. 80 OVER C.H. ROUTE 4
 ROCK ISLAND COUNTY
 STATION 288+19.02
 SCALE: AS NOTED DATE:

DE LEUW, CATHAR & CO., ENGINEERS
 DESIGNED BY S.L. MEGAREFS
 DRAWN BY J. MARTINSONS
 CHECKED K. LORENTZEN
 IN CHARGE E.S. MARTINS
 APPROVED L.N. RIAN

NOTES: ALL PILES TO BE CONCRETE PILES, 25 TON CAPACITY
 FOR LENGTHS SEE SH. 4
 FOR DETAILS SEE SH. 5
 ♀ DENOTES BATTER PILES

FOR INFORMATION ONLY

FILE NAME =	USER NAME = bdecreane	DESIGNED - DJD	REVISED -
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		CHECKED - DJD	REVISED -
		DATE - 12/10/2014	REVISED -

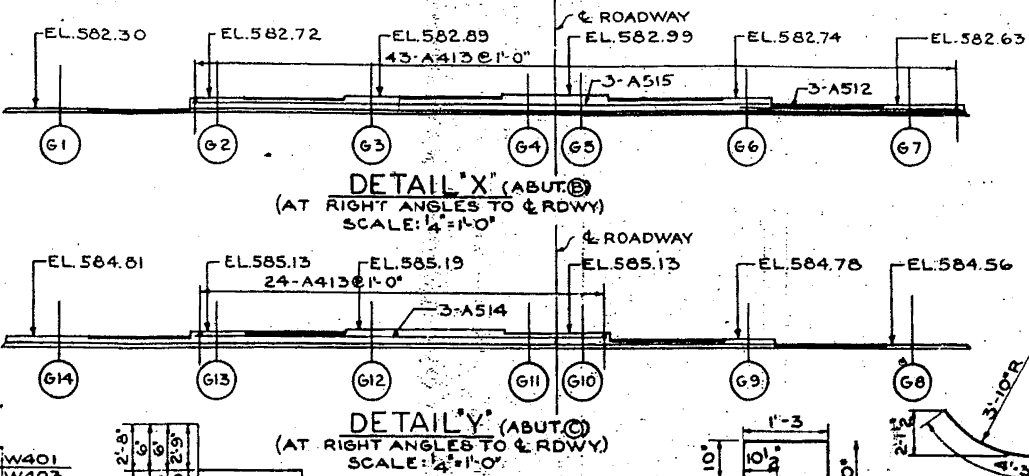
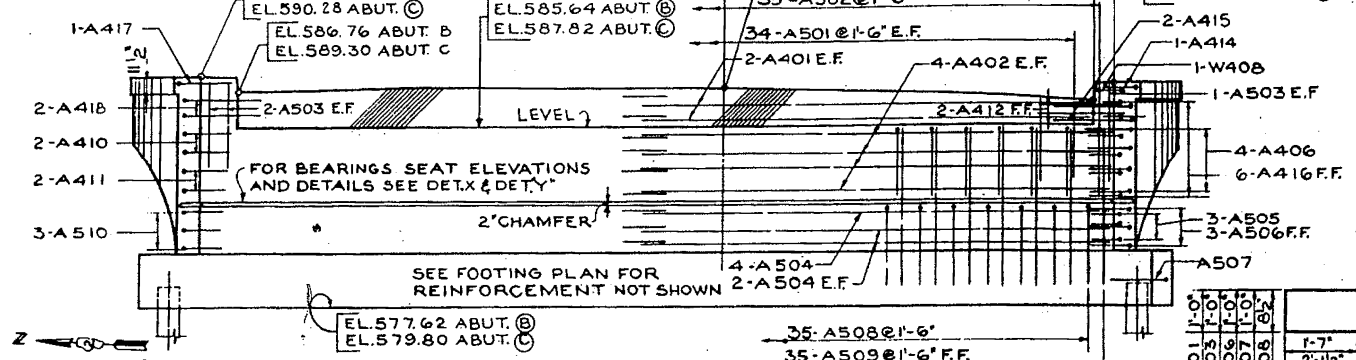
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
 S.N. 081-0016 / 0017

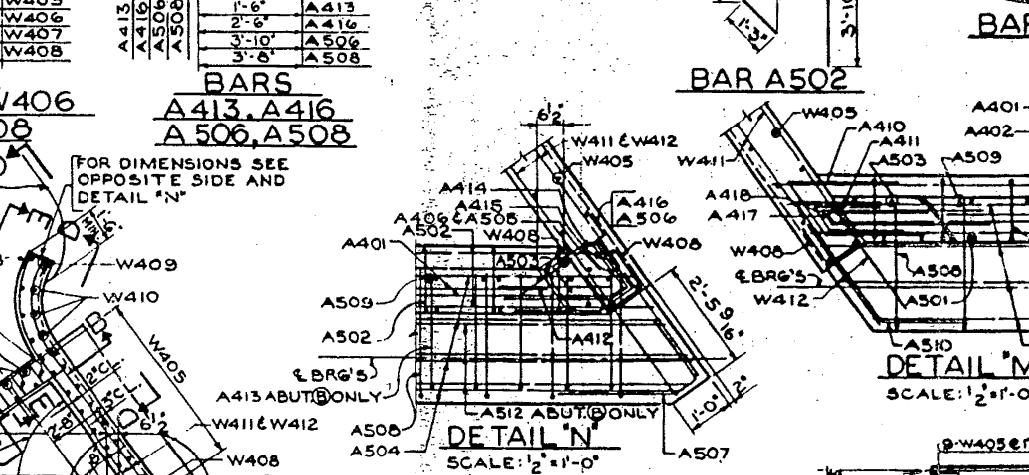
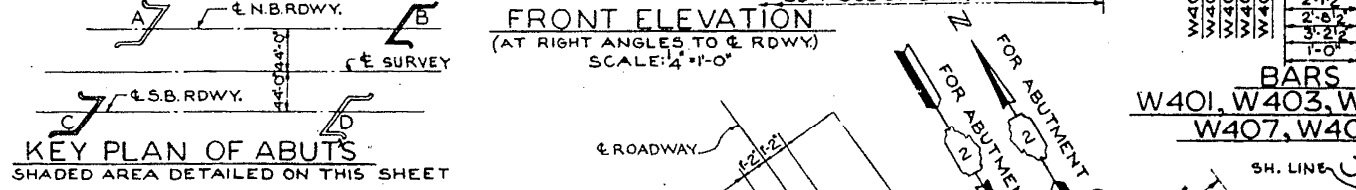
SCALE: N/A SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	301
* 37-1BR-1, 81-1BR-1 & 81-1BR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTES:
 E.F.=EACH FACE
 N.F.=NEAR FACE
 F.F.=FAR FACE
 ALL BACKWALL ELEVATIONS GIVEN AT N.F.



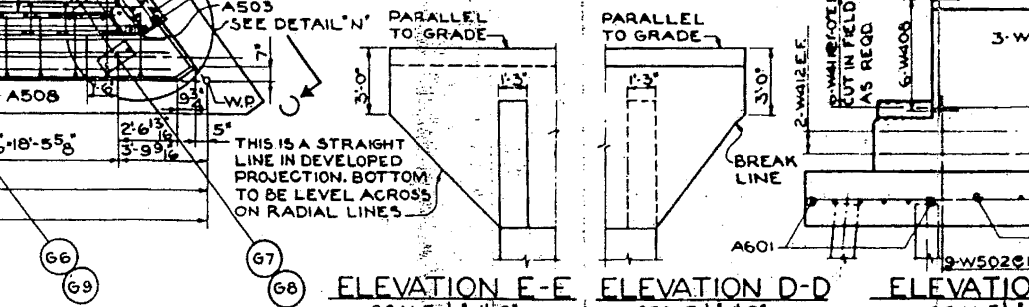
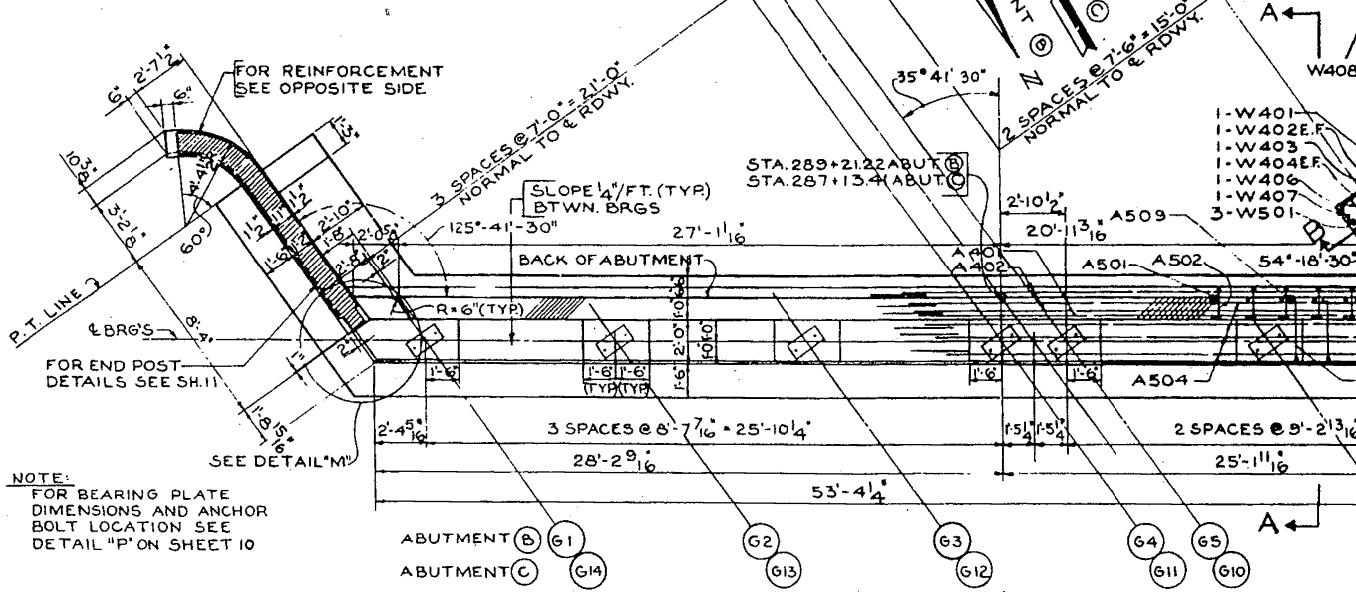
BAR	A	B	C	D	E
A410	1'-4"	9"	1'-6"	1'-2"	
A411	9"	5"	1'-6"	7"	
A417	9"	5"	8"	7"	
A418	9"	3"	2'-4"	7"	
A510	3'-3"	1'-11"	1'-6"	2'-8"	



BARS A410, A411, A417, A418, A510

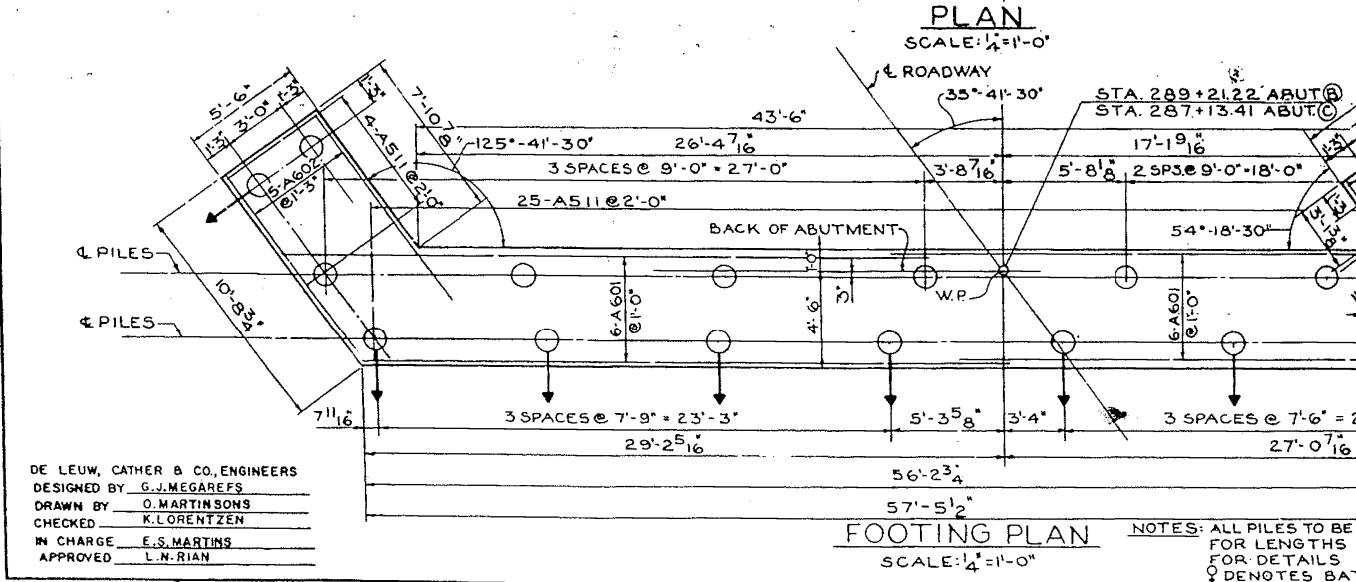
BARS A406, A414, A415, A505, A507

BAR NO	SIZE	LENGTH	SHAPE	WEIGHT
A401	16	4	24'-6"	262
A402	22	4	28'-2"	602
A409	8	4	3'-10"	21
A410	4	4	4'-8"	12
A411	4	4	3'-10"	10
A412	4	4	3'-0"	8
A413	6	4	4'-2"	18
A414	2	4	3'-0"	4
A415	4	4	4'-9"	13
A416	12	4	3'-0"	24
A417	2	4	2'-3"	3
A418	4	4	9'-6"	15



BAR LIST (2 ABUTMENTS)

BAR NO	SIZE	LENGTH	SHAPE	WEIGHT
A501	13	5	3'-6"	504
A502	7	5	7'-2"	523
A503	12	5	4'-3"	53
A504	12	5	27'-2"	907
A505	6	5	3'-7"	22
A506	6	5	4'-4"	27
A507	2	5	6'-6"	14
A508	7	5	6'-9"	468
A509	7	5	7'-2"	523
A510	4	5	8'-4"	49
A511	6	5	5'-0"	344
A512	3	5	11'-6"	36
A514	3	5	22'-9"	71
A515	3	5	32'-0"	100
A601	24	6	28'-0"	1048
A602	20	6	19'-3"	308



BILL OF MATERIAL (2 ABUTMENTS)

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CUYD	128.0
REINFORCEMENT BARS	POUND	7738
DRIVING CONCRETE PILES	LIN. FT.	931
FURNISHING CONCRETE PILES	LIN. FT.	931

DE LEUW, CATHAR & CO., ENGINEERS
 DESIGNED BY G.J. MEGAREFS
 DRAWN BY O. MARTINSONS
 CHECKED BY K. LORENTZEN
 IN CHARGE E.S. MARTINS
 APPROVED L.N. RIAN

NOTES: ALL PILES TO BE CONCRETE PILES, 25 TON CAPACITY
 FOR LENGTHS SEE SH. 4
 FOR DETAILS SEE SH. 5
 ♀ DENOTES BATTER PILES

ABUTMENTS B AND C
 F.A.I. 80 SECTION 81-1BR-1
 F.A.I. 80 OVER C.H. ROUTE 4
 ROCK ISLAND COUNTY
 STATION 288+19.02
 SCALE: AS NOTED DATE:

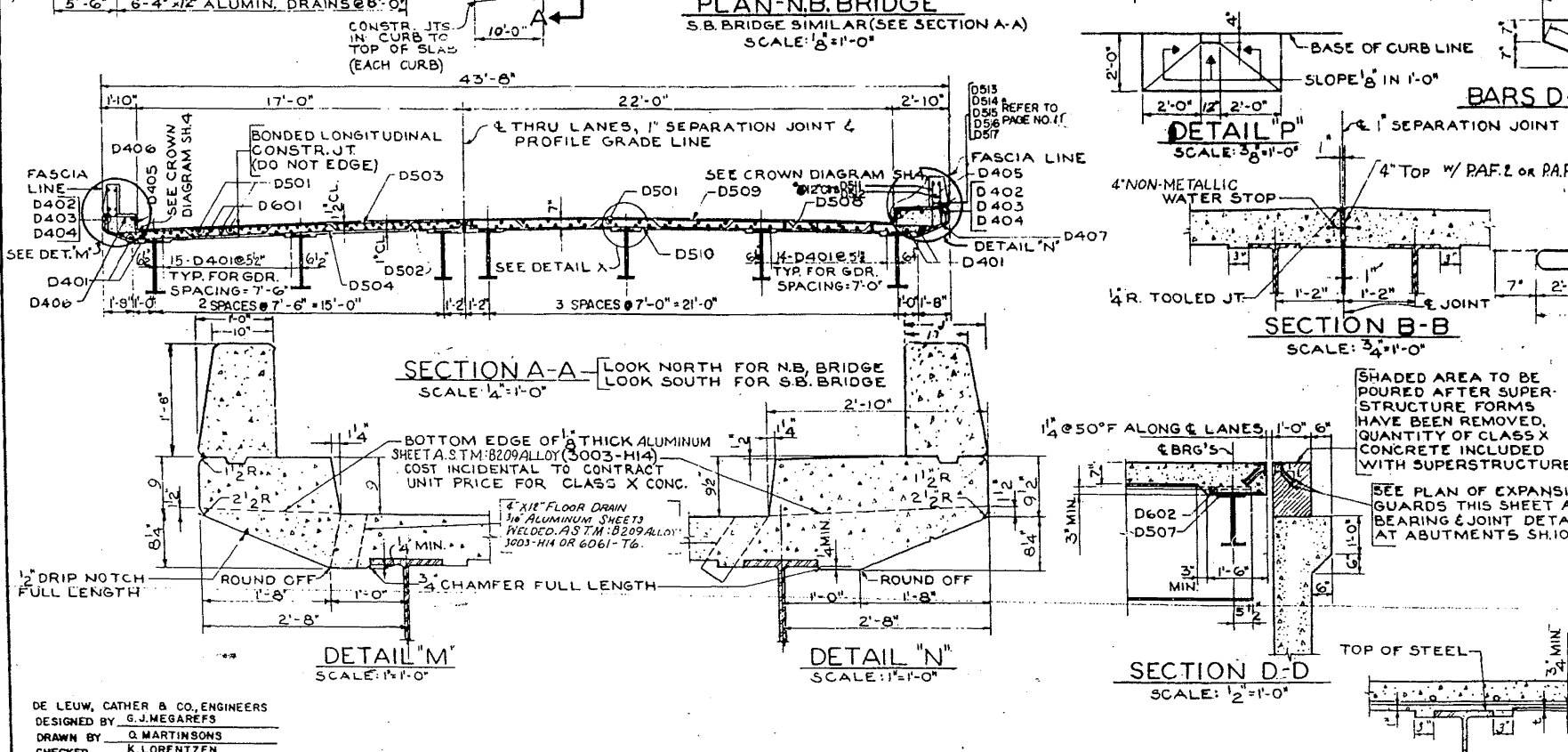
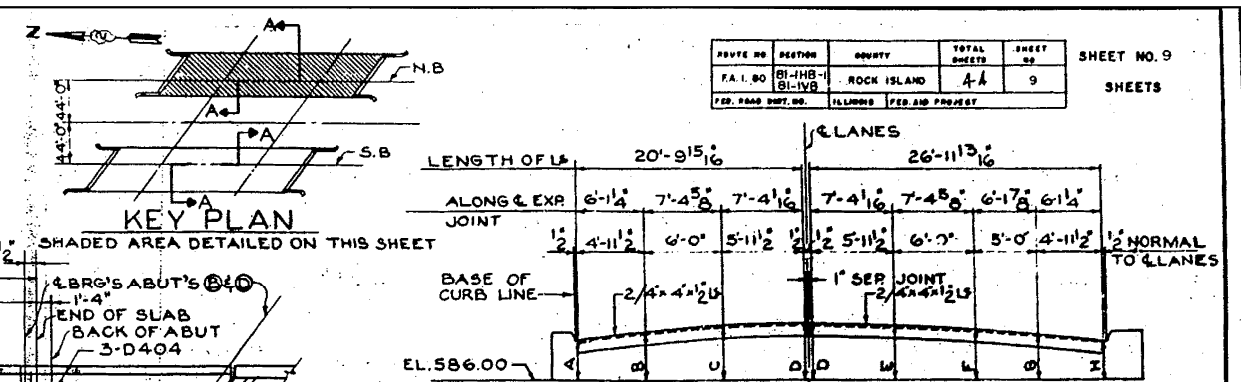
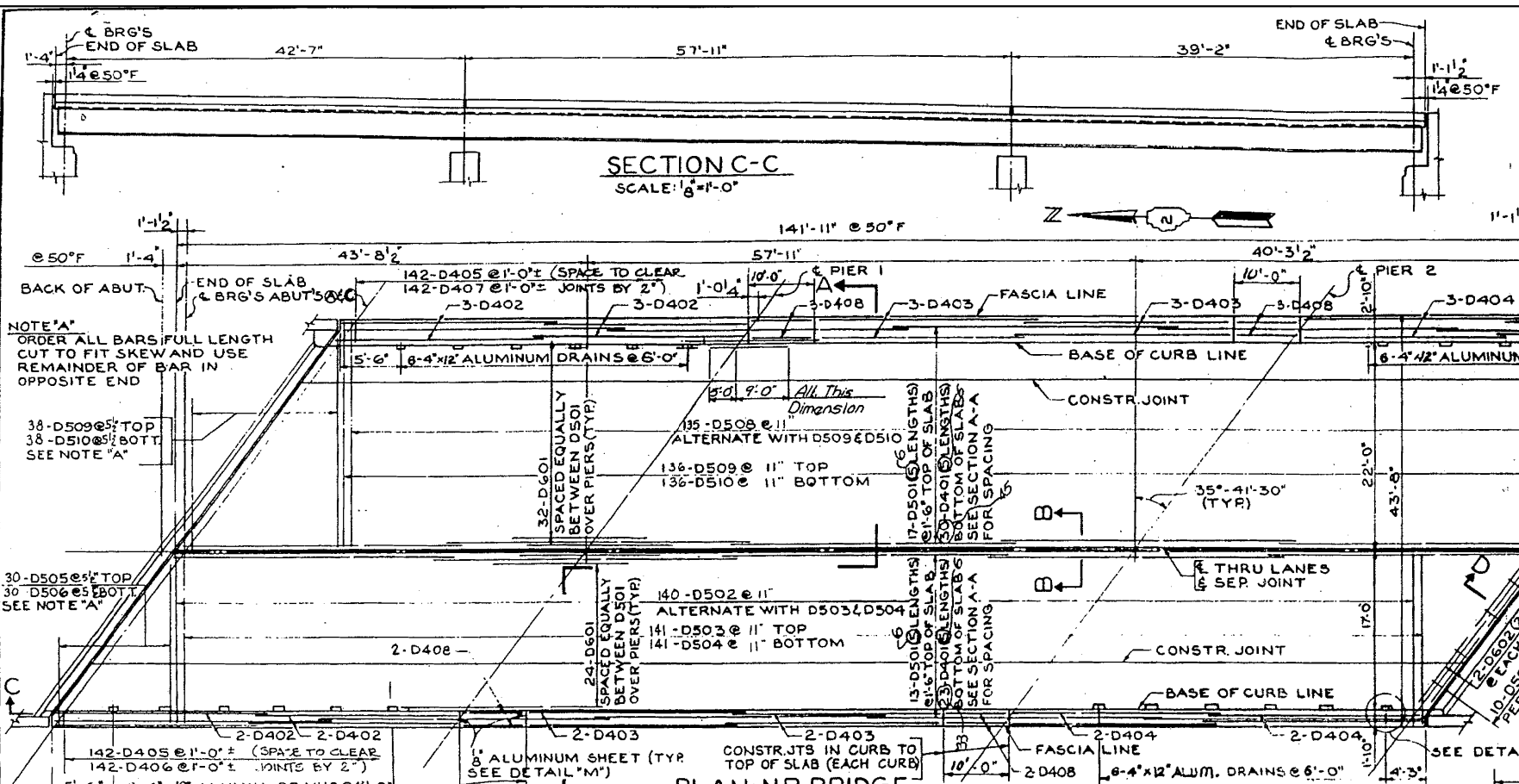
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PLOT DATE = 3/17/2015		CHECKED - DJD	REVISED -
		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.N. 081-0016 / 0017	80	*	ROCK ISLAND	430	302
SCALE: N/A	SHEET NO. 4 OF 9 SHEETS	STA.	TO STA.	CONTRACT NO. 64B78	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SCALE: AS NOTED	DATE:
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EXPANSION GUARD OFFSETS

OFFSET	ABUT. A	ABUT. B	ABUT. C	ABUT. D
A	2'-6 1/2"	1'-11 1/2"	3'-05 1/2"	1'-5 1/2"
B	2'-7 1/2"	1'-11 1/2"	3'-2 1/2"	1'-6 3/4"
C	2'-7 5/8"	1'-25 1/8"	3'-3 1/2"	1'-8 3/8"
D	2'-7 1/2"	1'-25 1/8"	3'-5 1/2"	1'-9 1/4"
E	2'-6 1/2"	1'-11 1/2"	3'-5 1/2"	1'-9 3/8"
F	2'-4 1/2"	1'-0 5/8"	3'-4 1/2"	1'-8 3/4"
G	2'-2 1/2"	10 3/4"	3'-4 5/8"	1'-7 15/16"
H	2'-13 1/2"	9 3/16"	3'-3 5/8"	1'-7 1/8"

EXPANSION GUARD ADJUSTMENT SCHEDULE

TEMPERATURE	110°	80°	70°	50°	30°	10°
ABUTS A & C	3 1/2"	15 1/2"	1 1/2"	1 1/2"	1 1/2"	1 9/16"
ABUTS B & D	1 1/2"	1 1/2"	1 1/2"	1 1/4"	1 1/2"	1 3/8"

BAR LIST (2 BRIDGES)

BAR	NO	SIZE	LENGTH	SHAPE	WEIGHT
D401	20	4	26'-2"		192.65
D402	20	4	22'-7"		302
D403	20	4	19'-4"		298
D404	20	4	20'-6"		274
D405	568	4	1'-0"		378
D406	204	4	3'-9"		711
D407	284	4	4'-8"		886
D408	20	4	3'-9"		89
D501	20	5	26'-4"		624.0
D502	280	5	1'-8 1/2"		5678
D503	284	5	18'-3"		5368
D504	284	5	17'-2"		3047
D505	60	5	18'-0"		1186
D506	60	5	17'-0"		1064
D507	40	5	1'-3"		52
D508	270	5	25'-10"		7274
D509	318	5	24'-3"		8802
D510	348	5	23'-2"		8407
D601	224	6	14'-3"		4794
D602	16	6	8'-11"		214
D603	24	6	8'-3"		297
TOTAL					68,560

BILL OF MATERIAL (2 BRIDGES)

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	324.4
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	9753
REINFORCEMENT BARS	POUND	68,560
PROTECTIVE COAT	SQ YD	1500

DE LEUW, CATHAR & CO. ENGINEERS
DESIGNED BY G.J. MEGAREFS
DRAWN BY Q. MARTINSONS
CHECKED BY K. LORENTZEN
IN CHARGE E.S. MARTINS
APPROVED L.N. RIAN

REV. 1-20-64: REVISED SLAB STEEL (MAIN/DISTRIBUTOR). QUANT. FOR REIN. BARS FROM 59,348 TO 68,560 LBS. K.R.E.
REV. 8-31-64: CHANGED REIN. QUANT. FROM 68,560 TO 77,306 LBS. LDK.

NOTE: AFTER ALL STRUCTURAL STEEL HAS BEEN ERECTED, ELEVATIONS OF THE TOP STEEL SHALL BE TAKEN AT 1/3 POINTS FOR SPANS 1 & 3 AND 1/2 POINTS FOR SPAN 2 FROM THESE ELEVATIONS SUBTRACT THE INCREMENT OF DEFLECTION FOR THESE POINTS DETERMINED FROM THE DEAD LOAD DEFLECTION DIAGRAM DUE TO CONCRETE ONLY. THE ELEVATIONS SO OBTAINED, SUBTRACTED FROM THE THEORETICAL GRADE ELEVATIONS, PLUS COVER PLATE THICKNESS IF ANY, MINUS FLOOR THICKNESS EQUALS THE FILLET HEIGHT ABOVE TOP OF THE FLANGE OF THE BEAMS.

FOR INFORMATION ONLY

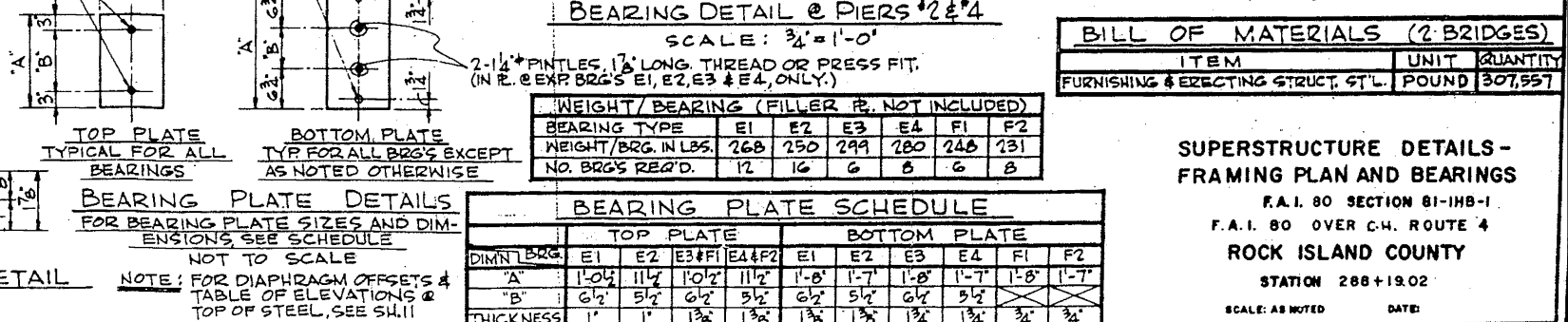
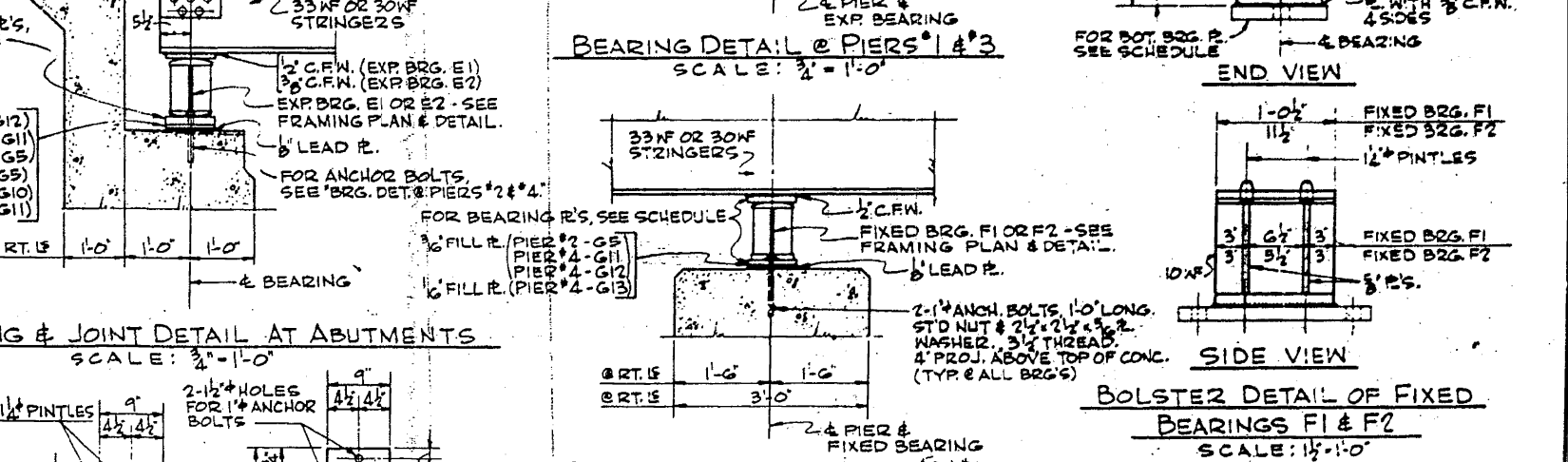
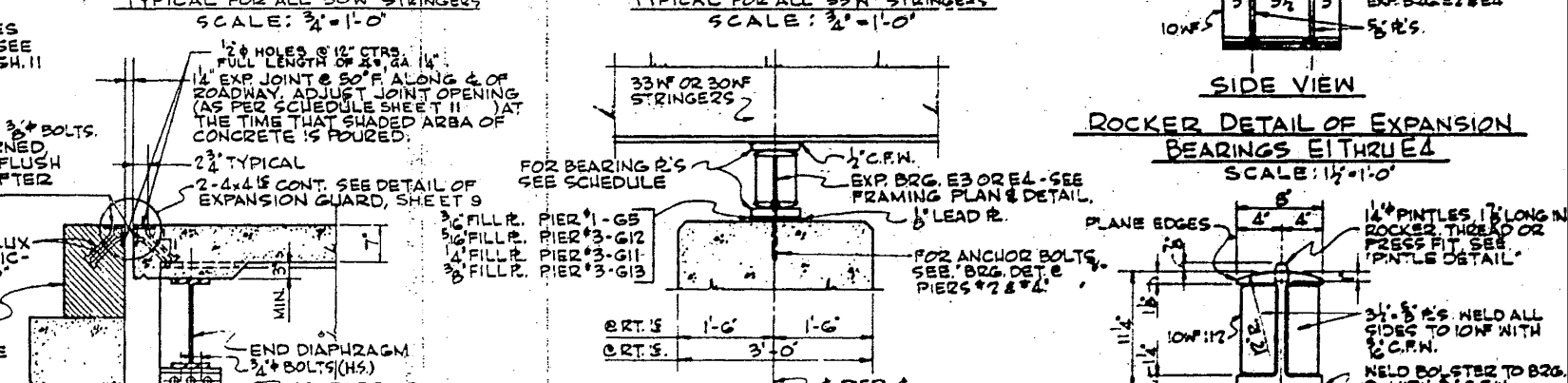
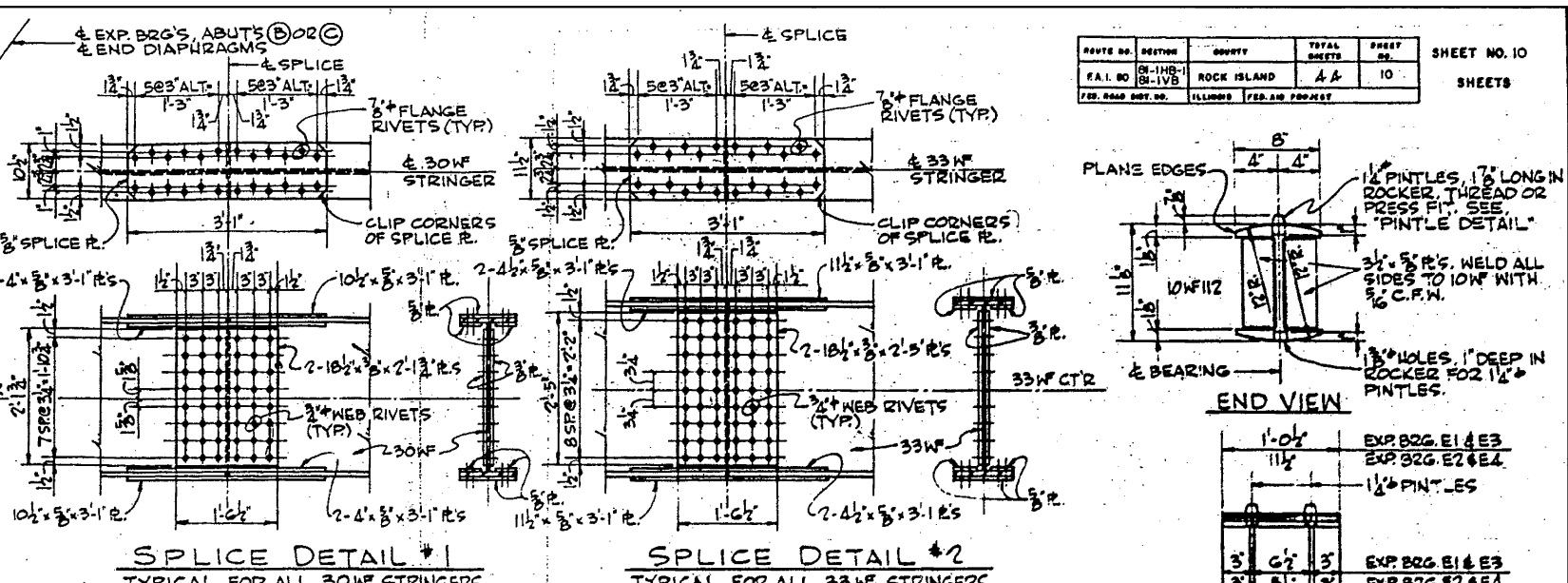
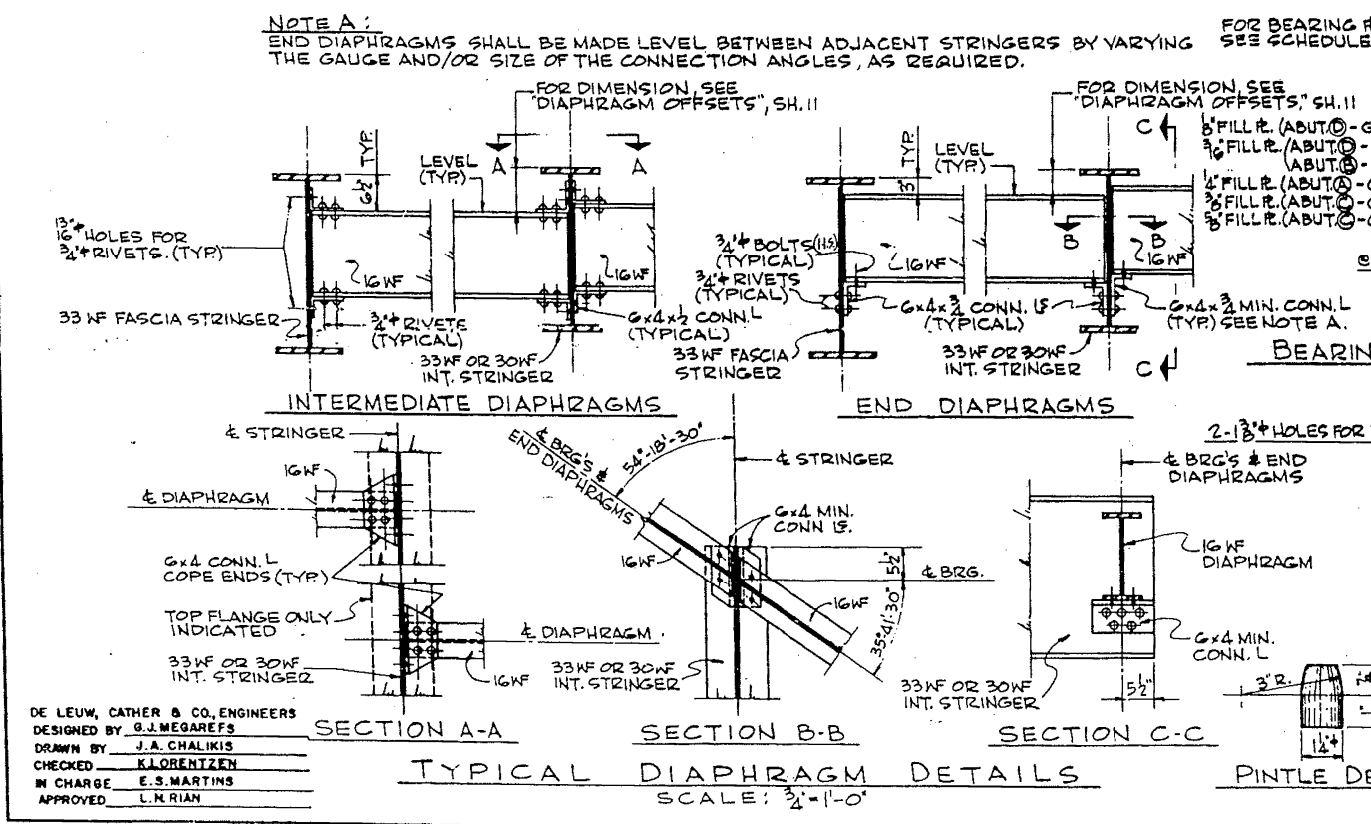
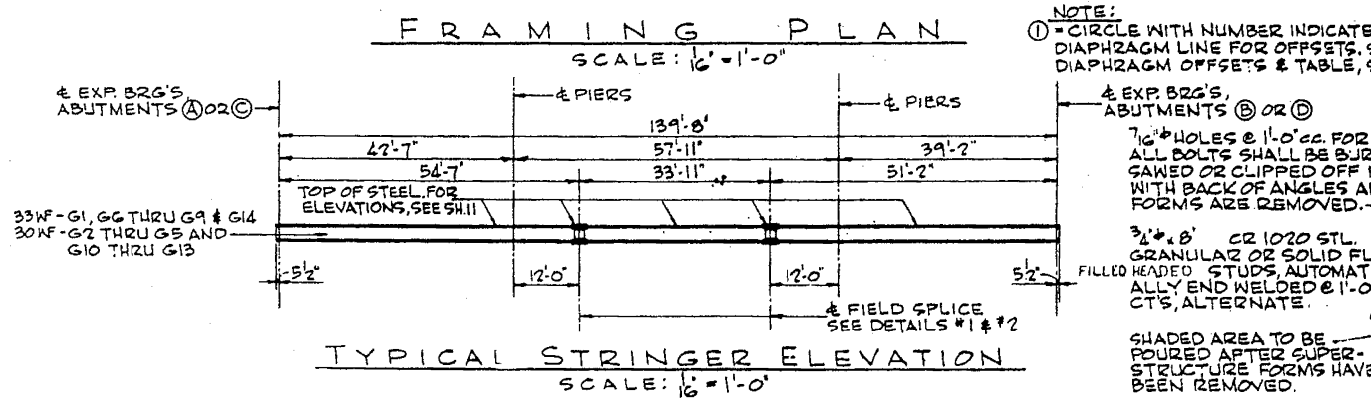
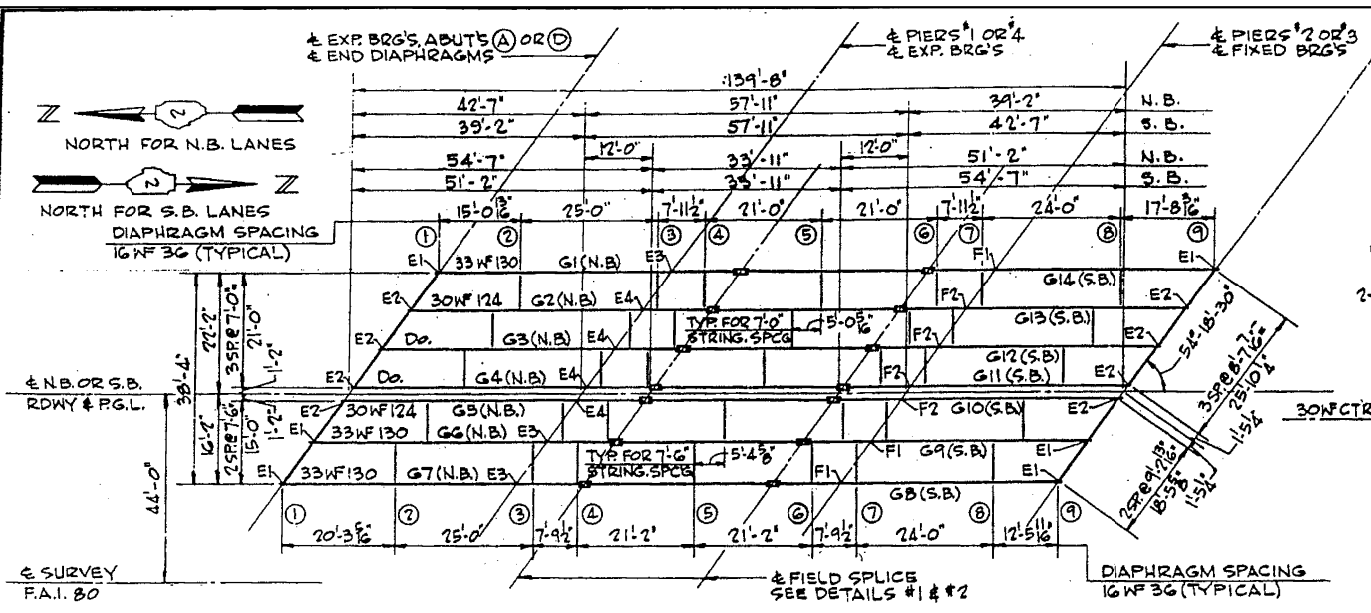
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 081-0016 / 0017

SCALE: N/A SHEET NO. 5 OF 9 SHEETS STA. TO STA.

FILE NAME	USER NAME	DESIGNED	REVISED
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PLOT DATE = 3/17/2015		DJD	DJD

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	303
*37-1BR-1, 81-1VBR & 81-1HR-1			CONTRACT NO.	64B78
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
FOR DIMENSIONS A, B, C, D & E SEE "TABLE OF DIAPHRAGM OFFSETS".
FOR LOCATION OF DIAPHRAGM LINES, SEE "FRAMING PLAN", SH. 10.

TABLE OF DIAPHRAGM OFFSETS

DIAPH. LINE DIM.	N.B. ROADWAY					S.B. ROADWAY				
	A	B	C	D	E	A	B	C	D	E
LINE ①	4'	3'	4 3/8'	5 3/8'	5 3/8'	4 3/8'	3 1/2'	4'	4 1/8'	4 1/8'
LINE ②	8 5/8'	7 5/8'	7 5/8'	8 1/2'	8 1/2'	8 1/2'	7 5/8'	7 5/8'	8 1/2'	8 1/2'
LINE ③	8 3/8'	7 3/8'	7 3/8'	8'	8 1/8'	8 1/8'	7 3/8'	7 3/8'	8'	8 1/8'
LINE ④	8 3/8'	7 3/8'	7 1/8'	8'	8 1/8'	8 1/8'	7 3/8'	7 1/8'	8'	8 1/8'
LINE ⑤	8 1/2'	7 1/2'	7 1/2'	8 1/8'	8 1/8'	8 1/8'	7 1/2'	7 1/2'	8 1/8'	8 1/8'
LINE ⑥	8 1/2'	7 1/2'	7 1/2'	8 1/8'	8 1/8'	8 1/8'	7 1/2'	7 1/2'	8 1/8'	8 1/8'
LINE ⑦	8 3/8'	7 3/8'	7 3/8'	8 1/8'	8 1/8'	8 1/8'	7 3/8'	7 3/8'	8 1/8'	8 1/8'
LINE ⑧	8 3/8'	7 3/8'	7 3/8'	8 1/8'	8 1/8'	8 1/8'	7 3/8'	7 3/8'	8 1/8'	8 1/8'
LINE ⑨	4 1/2'	3 1/2'	4 1/8'	5 1/8'	5 1/8'	4 1/8'	3 1/2'	3 1/2'	4 1/8'	4 1/8'

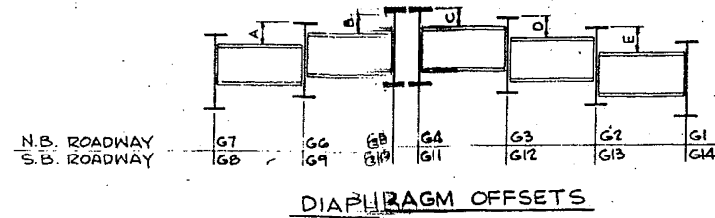
ELEVATIONS AT TOP OF STEEL (SEE NOTE 'A')

LOCATION	STRING.	G1	G2	G3	G4	G5	G6	G7
BRG'S - ABUT. (A)		587.502	587.702	587.893	588.009	588.028	588.028	587.947
PIER #1		587.011	587.205	587.390	587.500	587.517	587.511	587.423
NORTH SPLICE		586.925	587.117	587.300	587.408	587.425	587.417	587.327
SOUTH SPLICE		586.607	586.795	586.974	587.077	587.092	587.079	586.984
PIER #2		586.469	586.655	586.837	586.934	586.949	586.934	586.837
BRG'S - ABUT. (B)		586.189	586.369	586.541	586.637	586.650	586.629	586.527

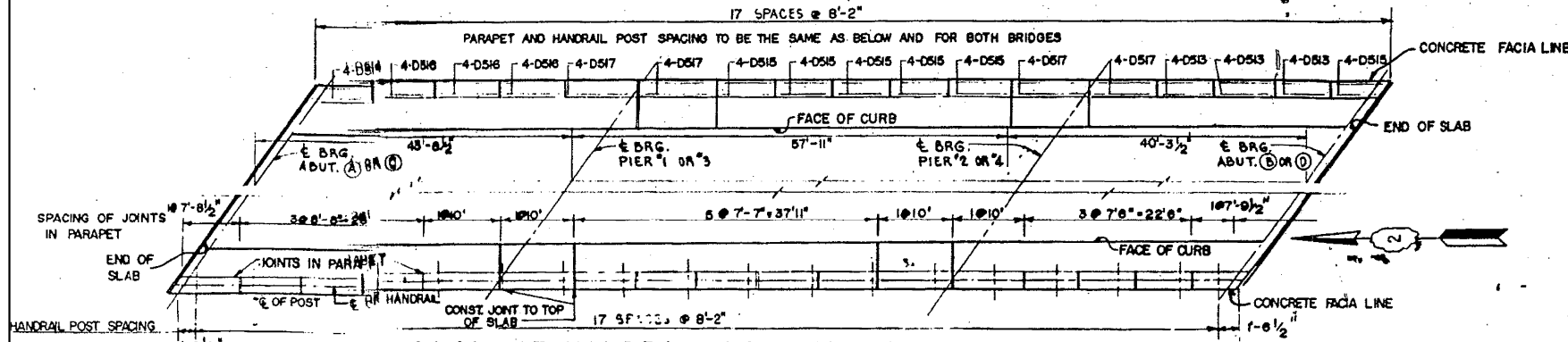
LOCATION	STRING.	G8	G9	G10	G11	G12	G13	G14
BRG'S - ABUT. (C)		588.453	588.671	588.807	588.830	588.842	588.778	588.706
PIER #3		587.882	588.094	588.224	588.244	588.250	588.180	588.102
NORTH SPLICE		587.773	587.983	588.111	588.131	588.136	588.064	587.984
SOUTH SPLICE		587.392	587.597	587.720	587.739	587.738	587.662	587.577
PIER #4		587.232	587.435	587.556	587.574	587.572	587.494	587.408
BRG'S - ABUT. (D)		586.878	587.075	587.191	587.207	587.199	587.116	587.024

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	81-1BR-1	ROCK ISLAND	430	305

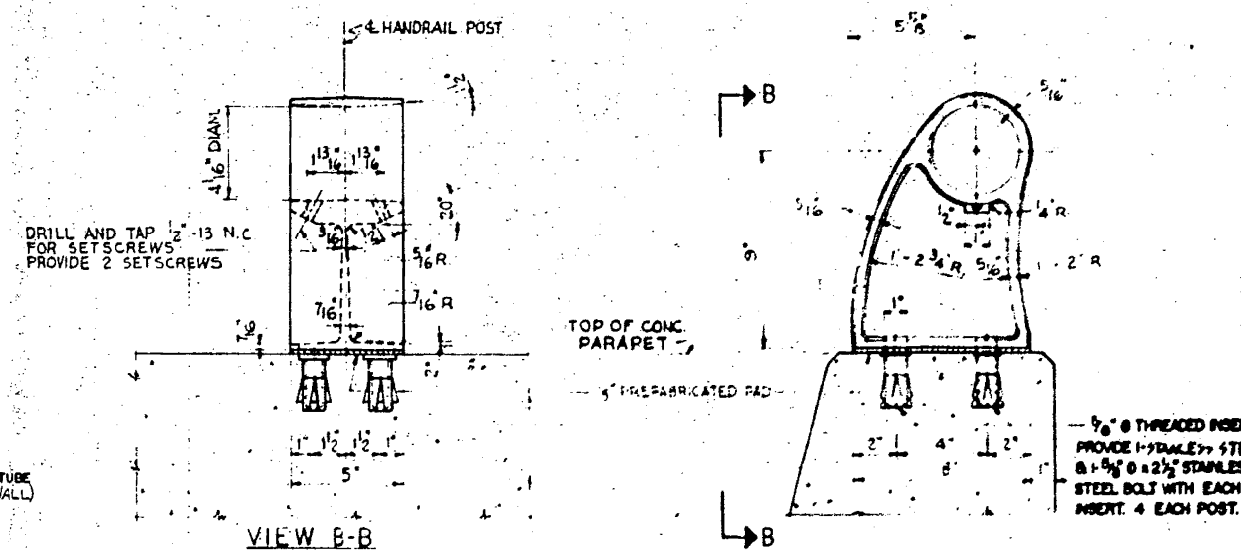
NOTE 'A':
TOP OF STEEL MEANS TOP OF BEAM FLANGE OR SPLICE R., AS CASE MAY BE.
STRINGERS ARE ASSUMED STRAIGHT FROM BRG'S, ABUTMENTS (A) OR (C) TO NORTH SPLICE, & NORTH SPLICE TO SOUTH SPLICE & SOUTH SPLICE TO BRG'S, ABUTMENTS (B) OR (D).



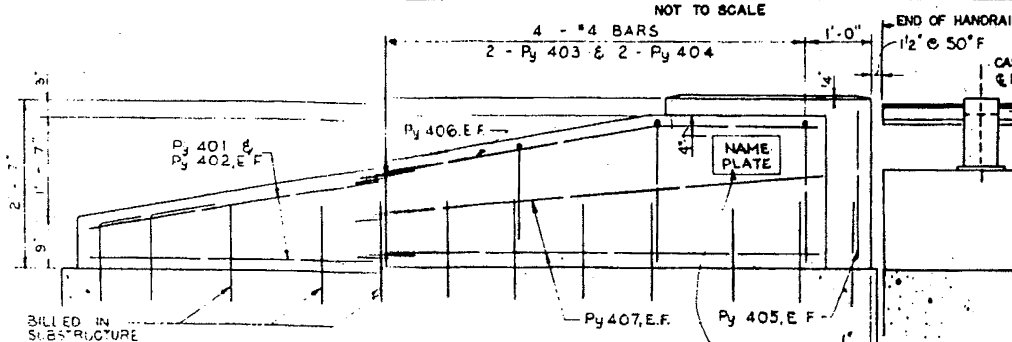
DIAPHRAGM OFFSETS



PLAN OF HANDRAIL POST SPACING



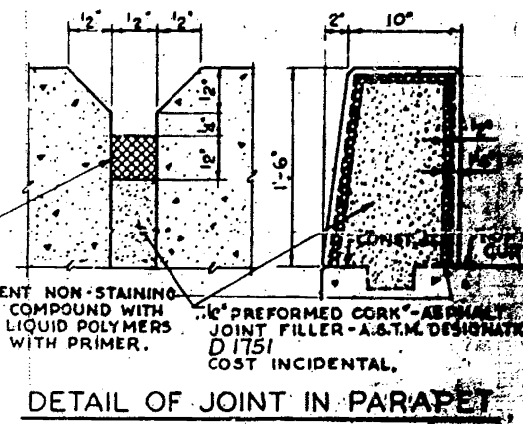
HANDRAIL POST DETAIL
SCALE: 3" = 1'-0"



ELEVATION
SCALE: 3/4" = 1'-0"

BILL OF REINFORCEMENT - TWO BRIDGES

BAR	NO.	SIZE	LENGTH	SHAPE	WEIGHT
* D 511	640	"5	2'-11"		1950
D 512	568	"5	2'-9"		1628
D 513	48	"5	7'-3"		363
D 514	16	"5	7'-5 1/2"		124
D 515	96	"5	7'-6 1/2"		764
D 516	48	"5	8'-5"		421
D 517	64	"5	9'-9"		650
Py 401	16	"4	5'-1"		54
Py 402	16	"4	5'-8"		61
Py 403	16	"4	3'-9"		40
Py 404	16	"4	5'-1"		54
Py 405	16	"4	2'-3"		24
Py 406	16	"4	6'-9"		72
Py 407	32	"4	7'-0"		150
TOTAL:					6355



DETAIL OF JOINT IN PARAPET

DETAILS OF 1/8" ALUMINUM SHEETS
Used in Curb Joints. ASTM: B209 alloy 3003-H14

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	37.4
FURNISHING & ERECTING ALUMINUM HANDRAIL	LIN FT	566
REINFORCING BARS	POUND	6355
NAME PLATES	EACH	2

CAST END CAP

DRIVE FIT TYPE REQUIRED
INCIDENTAL TO ITEM "ALUMINUM HANDRAIL"
NOTES:
ALL POSTS SHALL BE PLACED NORMAL TO PARAPET
ALL POSTS SHALL BE OF ALUMINUM CONFORMING TO ASTM SPECIFICATION D108 ALLOY 6061-T6
ALL RAIL TUBING SHALL BE OF ALUMINUM CONFORMING TO ASTM SPEC. B235 ALLOY 6061-T6
ALUMINUM HANDRAIL SHALL BE MEASURED IN LINEAL FT.
THE LENGTH PROVIDED SHALL BE THE OVERALL LENGTH ALONG THE TOP LONGITUDINAL RAILING MEMBER THROUGH ALL POSTS AND GAPS.
RAIL TUBING MAY EXTEND A MAXIMUM OF 3 PANEL LENGTHS FOR MATERIAL COMPOSITION OF PREFABRICATED PAD, SEE ART. 54.9(f) (BEARINGS AND ANCHORAGE) OF THE STD. SPECS.
SET SCREWS SHALL BE OF ALUMINUM CONFORMING TO ASTM SPECS. B-211 ALLOY 2024-T4.
ALUMINUM HANDRAIL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAL FT. FOR ALUMINUM HANDRAIL TRANSPORTATION AND ERECTION.
HANDRAIL AND PYLON DETAILS
F.A.I. 80 SECTION 81-1BR-1
F.A.I. 80 OVER C.H. ROUTE
ROCK ISLAND COUNTY
STATION 288+19.02

DE LEUW, CATHER & CO. ENGINEERS
DESIGNED BY F. HAKIMIAN
DRAWN BY F. S. MARTIN
CHECKED BY E. S. MARTIN
IN CHARGE E. S. MARTIN
APPROVED L. N. RIAN

BAR - Py 406
BAR - Py 403 & 404
BAR - Py 401 & 402

REV 1-20-64: REINF. QUANT. 6330 TO 6355 lbs

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
S.N. 081-0016 / 0017
SCALE: N/A SHEET NO. 7 OF 9 SHEETS STA. TO STA.

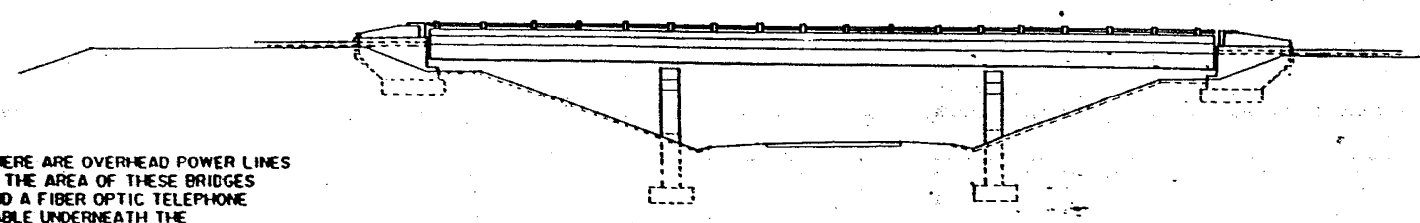
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		RMD	
		DJD	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	305
* 37-1BR-1, 81-1BR-1 & 81-1BR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

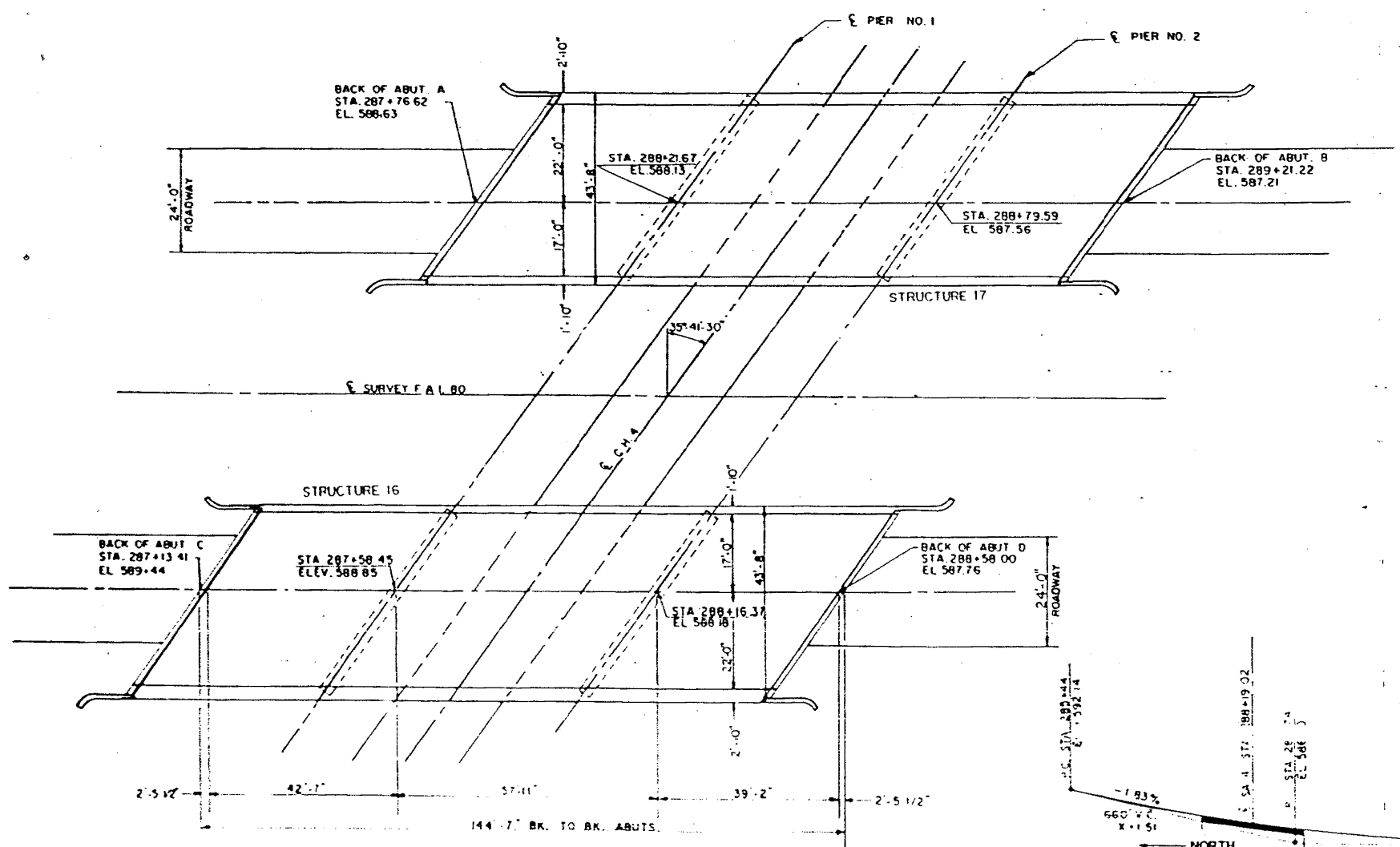
BILL OF MATERIALS

ITEM	UNIT	TOTAL
PIPE DRAINS 12"	LIN. FT.	259
BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ. YD.	106.6
APPROACH SLAB REMOVAL	SQ. YD.	106.6
METAL END SECTIONS 12"	EACH	2
CONCRETE THRUST BLOCKS	EACH	2
TYPE D INLET BOX, STANDARD 2324	EACH	2
TYPE C INLET BOX, STANDARD 2324	EACH	2
PC CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT	SQ. YD.	109.6
REMOVE AND RE-ERECT STEEL BEAM GUARD RAIL, TYPE A	LIN. FT.	300
ADJUSTING EXISTING GUARD RAIL	LIN. FT.	250
BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I	TON	144
CONCRETE REMOVAL	CU. YD.	29.7
EXPANSION BOLTS 5/8 INCH	EACH	506
PROTECTIVE COAT	SQ. YD.	1422.4
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	14
ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	14
CLASS X CONCRETE	CU. YD.	75.8
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	4387
STUD SHEAR CONNECTORS	EACH	104
CLEANING AND PAINTING STEEL BRIDGE NO. 16	L SUM	1
CLEANING AND PAINTING STEEL BRIDGE NO. 17	L SUM	1
REINFORCEMENT BARS, EPOXY COATED	POUND	8140
TEMPORARY CONCRETE BARRIER	LIN. FT.	700
TEMPORARY CONCRETE BARRIER, TERMINAL SECTION	EACH	2
RELOCATE TEMPORARY CONCRETE BARRIER	LIN. FT.	714
BITUMINOUS CONCRETE SURFACE REMOVAL	SQ. YD.	1106
BITUMINOUS SHOULDER REMOVAL AND REPLACEMENT	SQ. YD.	3478
TRAFFIC BARRIER TERMINAL, TYPE 7, SPECIAL NO. 1	EACH	2
REMOVE AND SALVAGE EXISTING TRAFFIC BARRIER TERMINAL, TYPE 7	EACH	2
REMOVE AND SALVAGE EXISTING TRAFFIC BARRIER TERMINAL, TYPE 8	EACH	2
REMOVE AND SALVAGE TRAFFIC BARRIER TERMINAL, TYPE 4	EACH	2
BRIDGE DECK SCARIFICATION 1 1/4"	SQ. YD.	1240
DECK DRAIN REPLACEMENT	EACH	9
DECK SLAB REPAIR (FULL DEPTH TYPE II)	SQ. YD.	76
TRAFFIC BARRIER TERMINAL, TYPE 7, SPECIAL NO. 2	EACH	2
DECK SLAB REPAIR (PARTIAL DEPTH)	SQ. YD.	29
JACKING AND CRIBBING	EACH	4
NEOPRENE EXPANSION JOINT 2"	LIN. FT.	200
TRAFFIC CONTROL AND PROTECTION, STANDARD 2316, LOCATION 3	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 2316, LOCATION 4	EACH	1
GROUT SLURRY (SPECIAL)	CU. YD.	26
BITUMINOUS SURFACE REMOVAL VARIABLE DEPTH	SQ. YD.	960
SLOPE WALL REMOVAL	SQ. YD.	950
SLOPE WALL 4"	SQ. YD.	117
SUBBASE GRANULAR MATERIAL, TYPE B	TON	120
BITUMINOUS COATED AGGREGATE SLOPE WALL 6"	SQ. YD.	856
AGGREGATE PRIME COAT	TON	16
BITUMINOUS MATERIALS (PRIME COAT)	TONS	0.36
REINFORCEMENT BARS	POUNDS	9,196
PLASTICIZED BRIDGE DECK CONCRETE OVERLAY	SQ. YD.	1,166
REPAIR CONCRETE STRUCTURES	SQ. YD.	42
TRAFFIC BARRIER TERMINAL, TYPE 4	EACH	2



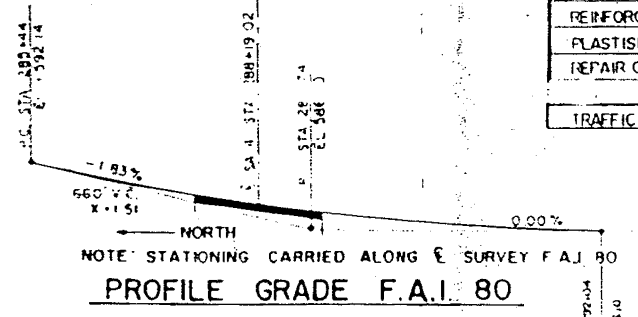
NOTE: THERE ARE OVERHEAD POWER LINES IN THE AREA OF THESE BRIDGES AND A FIBER OPTIC TELEPHONE CABLE UNDERNEATH THE BRIDGES ON THE SOUTH SIDE OF THE ROAD. THE CONTRACTOR SHALL CALL JULIE BEFORE ANY EXCAVATION ALONG THE BOTTOM OF THE SOUTH SLOPE WALLS.

ELEVATION



PLAN

NOTE: All elevations shown on this sheet are original top of concrete elevations. Proposed deck elevations will be 2" higher.



PROFILE GRADE F.A.I. 80

F.A.I. ROUTE 80
SECTION 81-IHBI
ROCK ISLAND COUNTY
1-80 OVER BARSTOW RD.
STR. NO. 081-0016
STR. NO. 081-0017

DISTRICT NO. 2 DIXON
DESIGNED BY K. OUDYN
DRAWN BY L. HOLLAND DATE 3-88
CHECKED BY _____ SCALE _____

FOR INFORMATION ONLY

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PLOT DATE = 3/17/2015		DATE - 12/10/2014	REVISED -

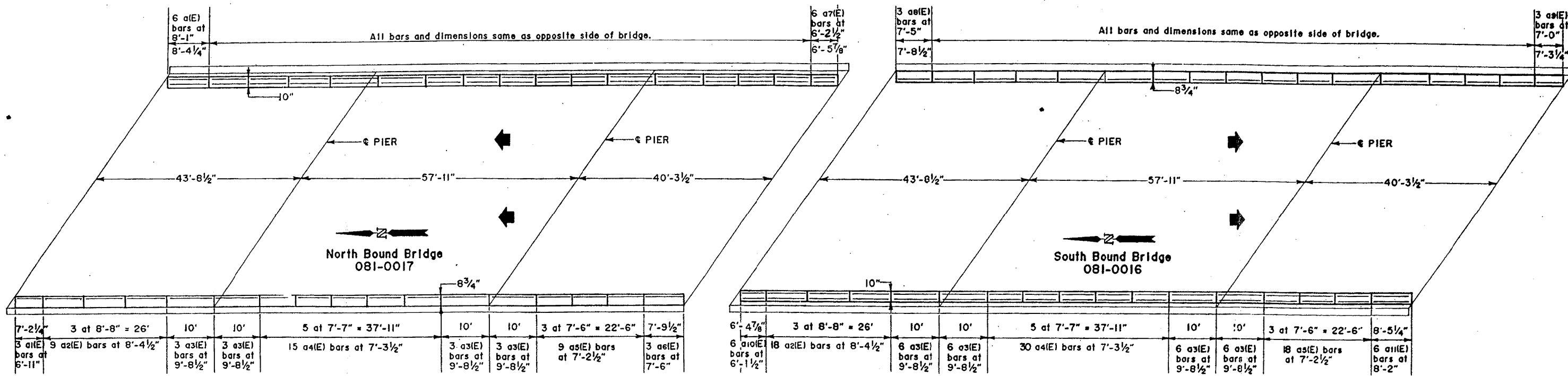
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS	
S.N. 081-0016 / 0017	
SCALE: N/A	SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	306
* 37-1BR-1, 81-1VBR & 81-IHBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PARAPET DETAILS

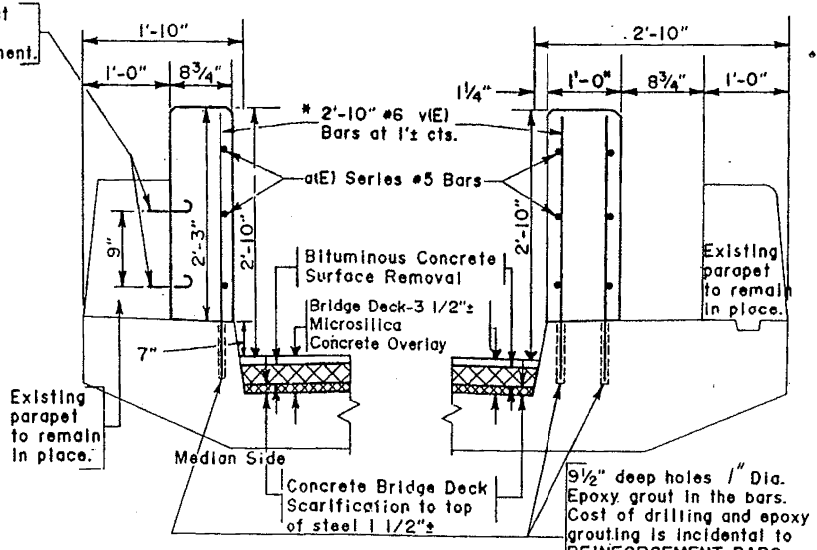
* 81-IHBY, 81-IVB, 81-IHB-1M				
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	*	ROCK ISLAND	67	49
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	P-92-018-86	



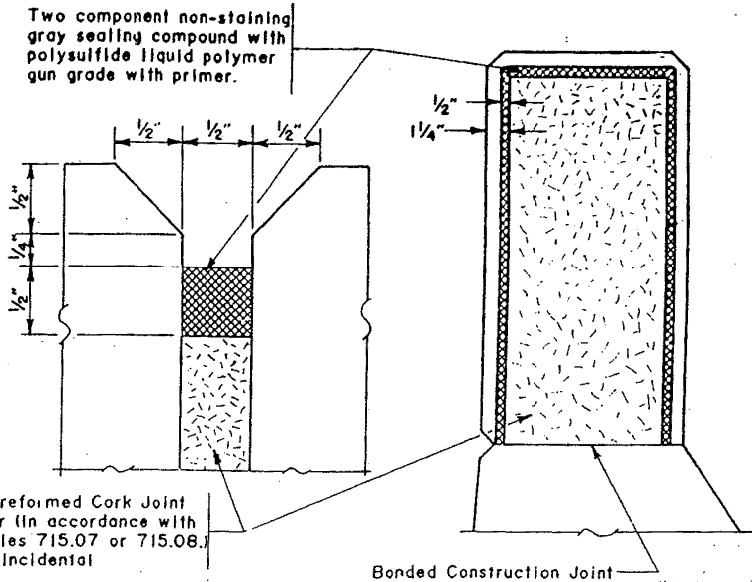
REINFORCEMENT BARS, EPOXY COATED

North Bound Bridge						South Bound Bridge					
Bar	No.	Size	Length	Lbs. Total	Shape	Bar	No.	Size	Length	Lbs. Total	Shape
a1(E)	6	#5	8'-1"	51	—	a2(E)	27	#5	8'-4 1/2"	236	—
a1(E)	3	#5	6'-11"	22	—	a3(E)	36	#5	9'-8 1/2"	365	—
a2(E)	27	#5	8'-4 1/2"	236	—	a4(E)	45	#5	7'-3 1/2"	342	—
a3(E)	36	#5	9'-8 1/2"	365	—	a5(E)	27	#5	7'-2 1/2"	203	—
a4(E)	45	#5	7'-3 1/2"	342	—	a6(E)	3	#5	7'-5"	23	—
a5(E)	27	#5	7'-2 1/2"	203	—	a9(E)	3	#5	7'-0"	22	—
a6(E)	3	#5	7'-6"	23	—	a10(E)	6	#5	6'-1 1/2"	39	—
a7(E)	6	#5	6'-2 1/2"	39	—	a11(E)	6	#5	8'-2"	51	—
v(E)	453	#6	2'-10"	1928	—	v(E)	455	#6	2'-10"	1936	—
Total	North Bound Bridge			3209		Total	South Bound Bridge			3217	

5/8" Expansion Bolts at 1' cts and at 1' from the ends of each segment.



CONCRETE PARAPET



DETAILS OF PARAPET JOINT

* Epoxy grout v(E) in drilled holes. The Contractor shall test 10% of the bars to meet a minimum pull-out load of 13.3 k. For every bar that fails to meet the pull-out load of 13.3 k, the Contractor shall test two additional bars and grout an additional v(E) bar on either side of the failed bar. Cost of the testing and additional bars shall be incidental to "Reinforcement Bars, Epoxy Coated".

REINFORCEMENT BARS, EPOXY COATED

LOCATION	POUND
N.B. BRIDGE	3209
S.B. BRIDGE	3217
Total	6426

CLASS X CONCRETE

LOCATION	CU YD
N.B. BRIDGE	20.4
S.B. BRIDGE	20.4
Total	40.8

EXPANSION BOLTS 5/8 INCH

LOCATION	EACH
N.B. BRIDGE PARAPET	254
S.B. BRIDGE PARAPET	252
Total	506

PROTECTIVE COAT

LOCATION	SQ YD
N.B. BRIDGE PARAPET	94.1
S.B. BRIDGE PARAPET	94.1
N.B. BRIDGE DECK	617.1
S.B. BRIDGE DECK	617.1
Total	1422.4

DISTRICT NO. 2 DIXON
 DESIGNED K. OUDYN
 DRAWN L. HOLLAND DATE 4-88
 CHECKED SCALE

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
 S.N. 081-0016 / 0017

SCALE: N/A SHEET NO. 9 OF 9 SHEETS STA. TO STA.

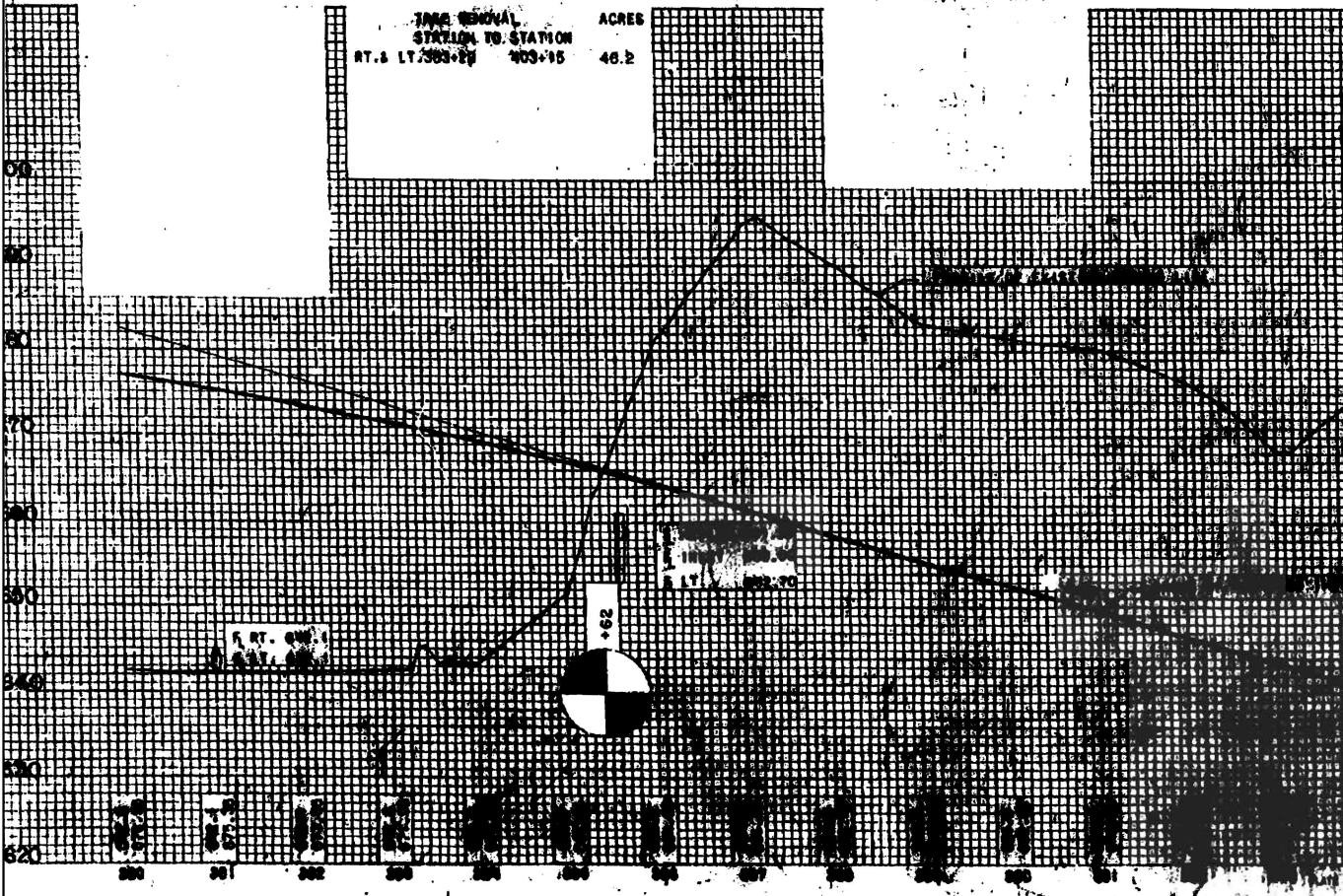
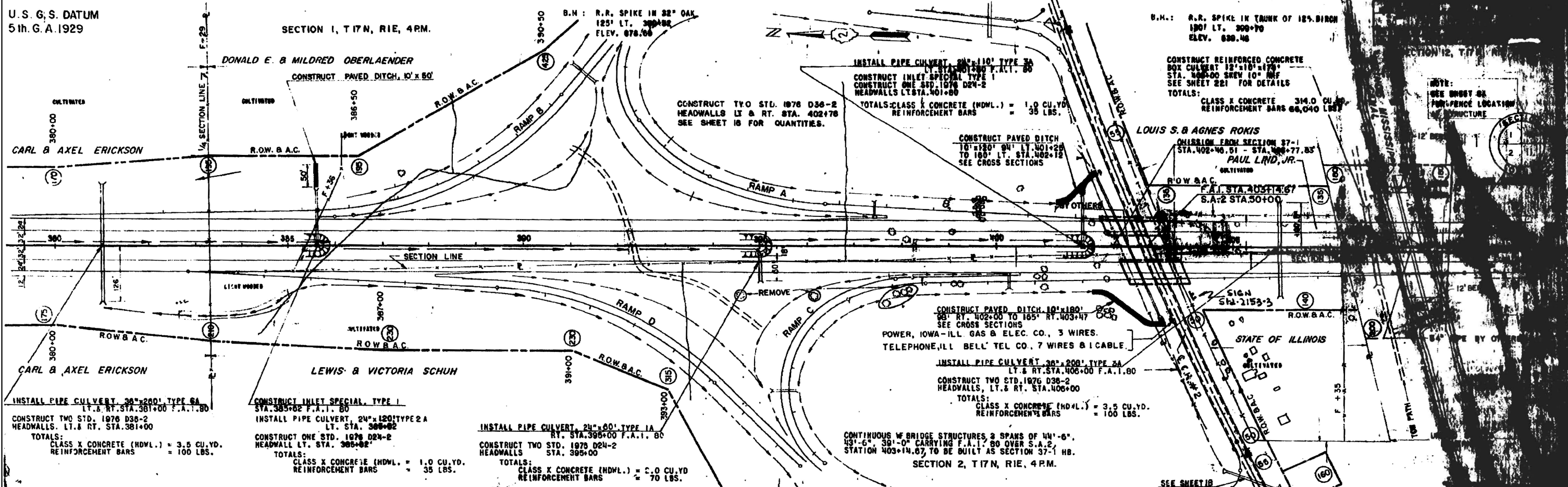
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		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	307
* 37-1BR-1, 81-1VBR & 81-IHBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

U. S. G. S. DATUM
5th. G. A. 1929

SECTION 1, T17N, R1E, 4PM.



JUTE MATTING	
STATION TO STATION	SQ. YDS.
388+00	388+11 DITCH RT. 392
RAMP A	27A+00 DITCH LT. 2,007
RAMP B	8A8+80 DITCH RT. 1,131
RAMP C	27C+71 DITCH RT. 2,581
RAMP D	10D+46 DITCH LT. 147
24D+00	29D+34 DITCH LT. 710

TERRAIN REMOVAL		ACRES
STATION TO STATION		
RT. & LT. 383+25	403+15	46.2

FOR INFORMATION ONLY

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		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

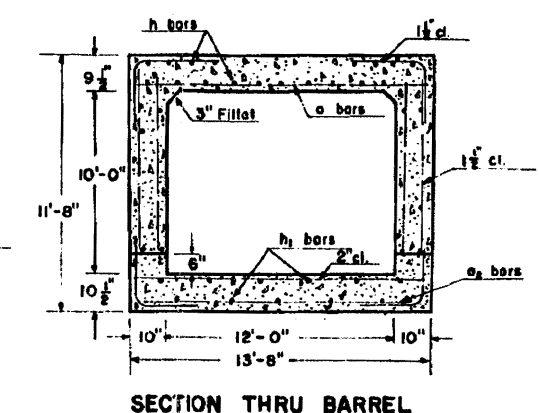
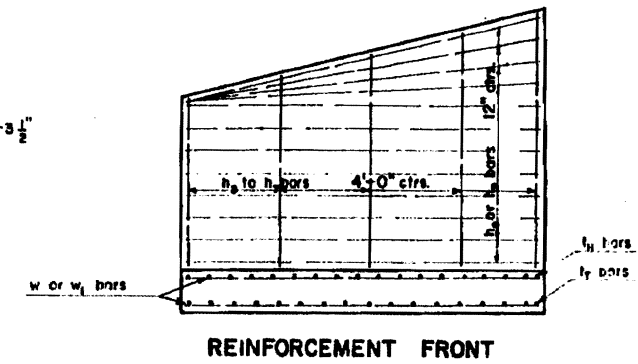
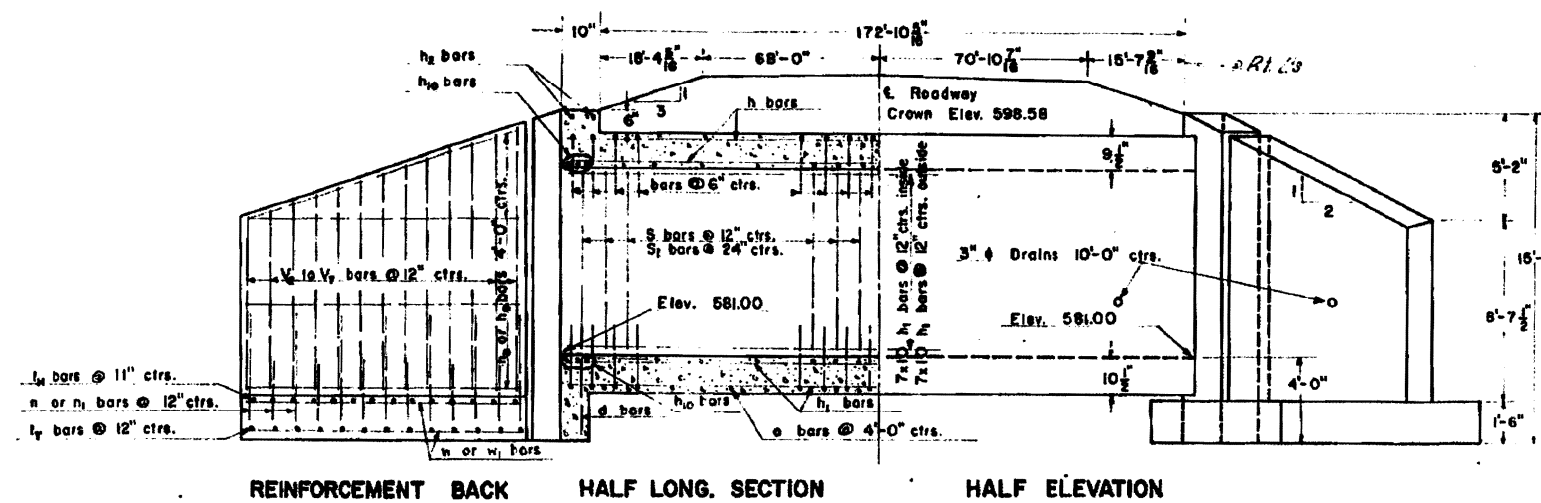
EXISTING STRUCTURE PLANS
S.N. 037-1129

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	308
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BOX CULVERT STA. 408 + 00

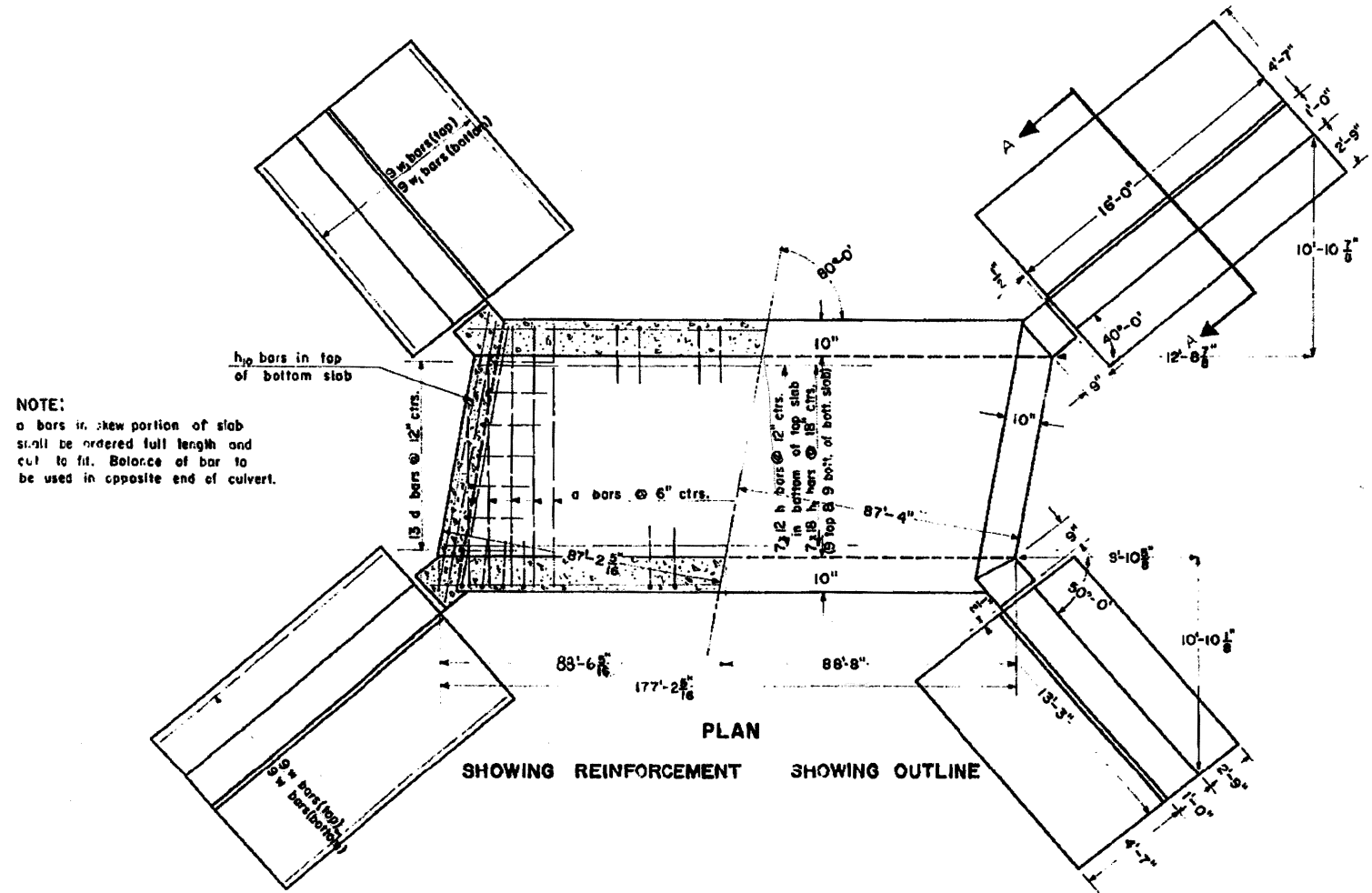
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	37-1A	HENRY	435	221
FED. ROAD DIST. NO. 3 ILLINOIS PROJECT				



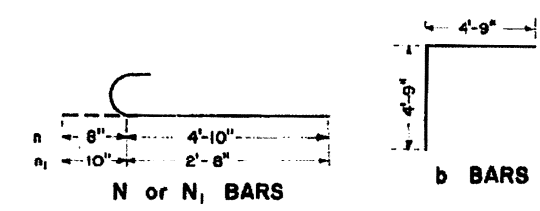
REINFORCEMENT BACK HALF LONG. SECTION HALF ELEVATION

REINFORCEMENT FRONT

SECTION THRU BARREL

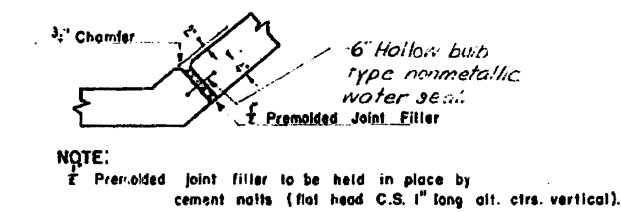


PLAN SHOWING REINFORCEMENT SHOWING OUTLINE

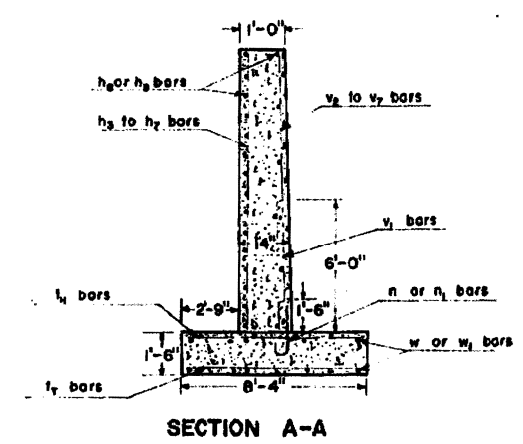


N or N1 BARS

b BARS



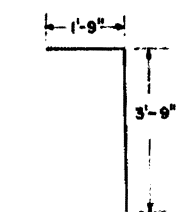
NOTE:
 2' Preformed joint filler to be held in place by cement nails (flat head C.S. 1" long alt. ctrs. vertical).



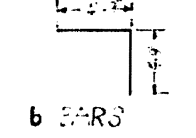
SECTION A-A

BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH
a	700	#7	13'-4"
as	45	#8	9'-6"
d	1400	#8	9'-6"
d	26	#5	8'-6"
h	128	#8	26'-6"
h1	406	#8	26'-6"
h2	4	#8	13'-9"
h3	4	#8	8'-6"
h4	4	#4	9'-6"
h5	4	#4	10'-9"
h6	2	#4	11'-8"
h7	4	#4	12'-9"
h8	34	#4	13'-0"
h9	34	#4	15'-9"
h10	12	#8	13'-9"
n	62	#6	5'-6"
n1	58	#7	3'-6"
s	352	#6	9'-0"
sh	176	#6	9'-0"
t	62	#6	8'-1"
v1	62	#6	8'-1"
v2	12	#4	3'-9"
v3	10	#4	4'-9"
v4	10	#4	5'-6"
v5	8	#4	6'-2"
v6	6	#4	6'-9"
v7	18	#4	7'-6"
w	18	#4	13'-0"
w1	18	#4	13'-0"
CLASS X CONCRETE			314.0 CU. YDS.
REINFORCEMENT BARS			66040 LBS.



d BARS



b BARS

GENERAL NOTES:
 "CLASS X CONCRETE" shall be used thru-out.
 Exposed edges shall be beveled $\frac{3}{8}$ ".
 For "BACKFILLING" and "EMBANKMENT", see "STANDARD SPECIFICATIONS".
 All bars shall be lapped 20 diameters unless otherwise specified.
 The top of the culvert, the backs of the sidewall above the lower construction joints and backs of the wings above the tops of footing footings shall be waterproofed in accordance with Art. 15.21 of the Std. Specs.
 Nonmetallic water seal used in the wingwall joints shall extend from the (LOADING H-20-S16-44) top of the footing to within 6' of the top of the headwall.

FAI ROUTE 80
 SBI ROUTE SEC. 37-1A
 F.A. ROUTE F.A. PROJ.
 HENRY COUNTY
 DISTRICT NO. 2 DIXON
 DRAWN L. Rojer DATE 12-53
 CHECKED G. Schrieder SCALE

Revised drawing changes from 83-53 to 88-83
 Other notes added to complete General Notes

FILE NAME =	USER NAME = bdecreane	DESIGNED - DJD	REVISED -
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PLOT DATE = 3/17/2015		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

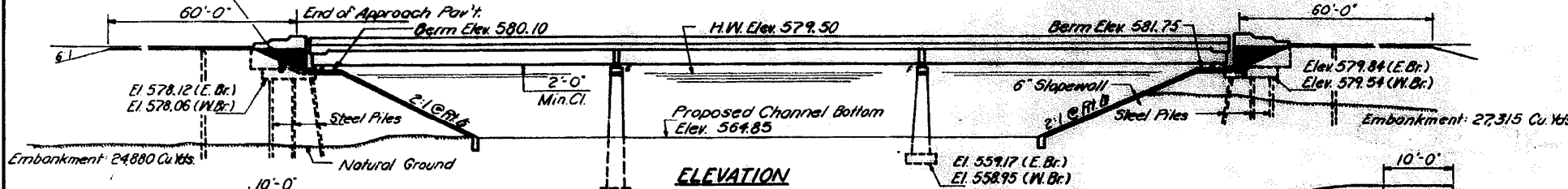
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S.N. 037-1129		80	*	HENRY	430	309
SCALE: N/A	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.		CONTRACT NO. 64B78	
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

B.M.: P.K. Nail in Trunk of benched 24" Elm 166' Rt. of Sta. 421+00 Elev. 575.37

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

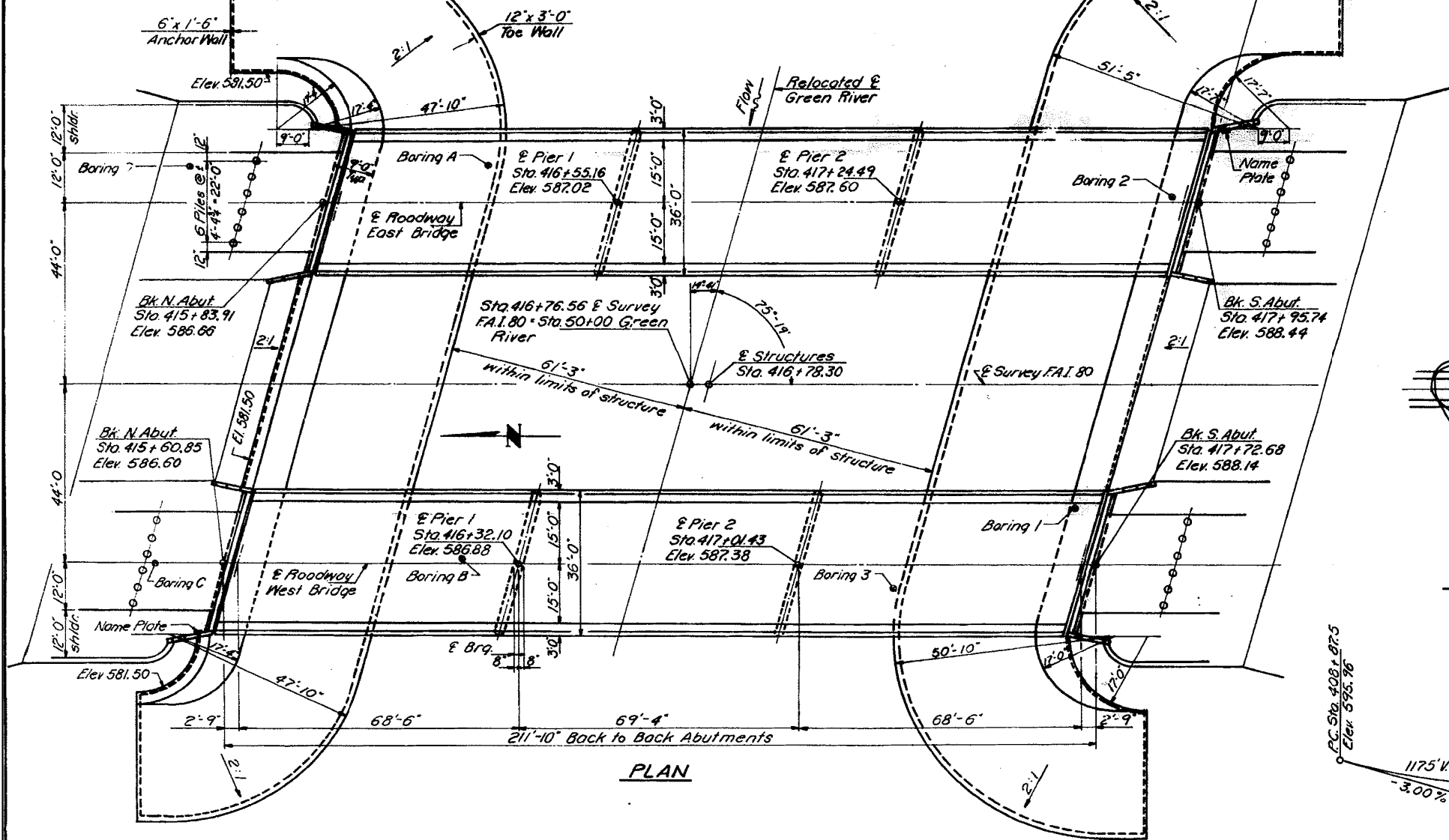
PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEETS
37-18-1	HENRY	37	6	12	12 SHEETS

Backfilled by Bridge Contractor after Abuts. are in place.

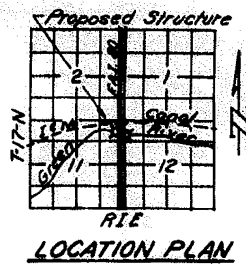


ELEVATION

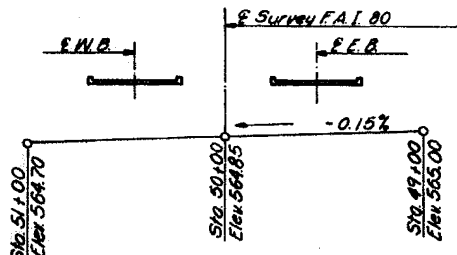
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No.: 24
Est. Length: 22' S. Abut.
32' N. Abut.



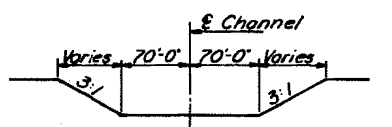
PLAN



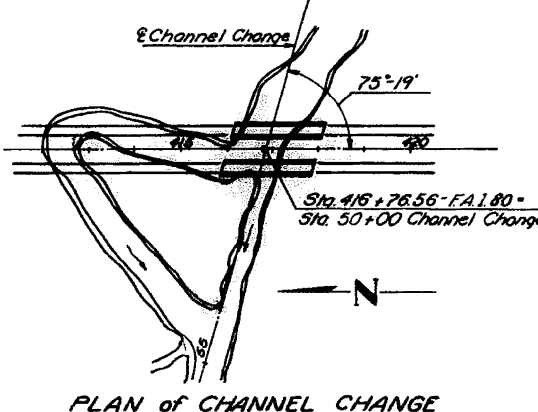
LOCATION PLAN



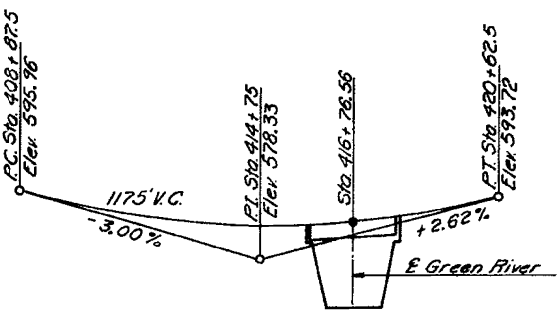
PROFILE of GREEN RIVER



TYPICAL CHANNEL SECTION
Outside Limit of Structure



PLAN of CHANNEL CHANGE



GRADE PROFILE F.A.I. 80

GENERAL NOTES

Class X Concrete shall be used throughout except as noted.
Class A Concrete shall be used in piers.
Coarse aggregate to be used in parapet hand-rails and end posts must be free of chert, flint, limonite, lignite and soft sandstone.
The concrete floor slab shall be finished in accordance with Article 51.19 of the Standard Specifications.
Permanent forms will not be permitted in forming the concrete floor.
For concrete to be used in prestressed beams see special provisions.
Slope Wall shall be reinforced with welded wire fabric 6"x6" mesh, weighing 58# per 100 Sq. Ft.
Layout of slope walls may be varied to suit ground conditions in the field, as directed by the engineer.
All reinforcement bars shall be lapped 20 diameters unless shown otherwise.
Expansion guards shall be fabricated and erected in accordance with Article 51.13 (d) of the Standard Specifications. Est. Wt. = 3450#
The exposed surfaces of the expansion guards shall be given two shop coats of red lead paint, the contact surfaces shall be given one coat of red lead paint. Anchor studs shall not be painted.
The contractor shall drive one steel test pile at the North Abutment of West Bridge and one steel test pile at the South Abutment of East Bridge, all in permanent locations, as directed by the engineer before ordering remaining piles.
Drive all steel piles to refusal.

STATION 416+78.30
BUILT 196 BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. 37-18-1
F.A. PROJ. I-80-1(52)
LOADING H2O-S16 & ALT.

NAME PLATE
See Standard 2113

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Bridge Seat Sealant	L. S.			1
Class B Excavation for Struct.	Cu. Yds.		215	215
Structural Steel	Lbs.	3450	240	3690
Prestressed Conc. I-Beams-48	Lin. Ft.	2484		2484
Class A Concrete	Cu. Yds.		608.4	608.4
Class X Concrete	Cu. Yds.	540.6	152.6	693.2
Aluminum Handrail	Lin. Ft.	834		834
Reinforcement Bars	Lbs.	99,650	33,220	132,870
Crossed Piles (20"-38")	Lin. Ft.			648
Rock Excav. for Struct.	Cu. Yd.		24	24
Cofferdam Excav.	Cu. Yd.		790	790
Steel Piles (108P42)	Lin. Ft.		1076	1076
Test Piles Steel (108P42)	Ea.		2	2
Name Plates	Ea.	2		2
Slope Wall	Sq. Yds.			2560
Protective Coat	Sq. Yds.	1940		1940
Cofferdams - Pier 1	Ea.		2	2
Cofferdams - Pier 2	Ea.		2	2

*Include 215 Cu.Yds. for Slope Wall Excavation
* Bridge Abutments only

GENERAL PLAN & ELEVATION
PROJECT I-80-1(52) 7
GREEN RIVER
F.A.I. RT. 80 SEC. 37-18-1
HENRY COUNTY
STA. 416+78.30

DESIGNED T. M. Yang
CHECKED W. R. Deason
DRAWN W. R. Deason
CHECKED W. R. Deason

EXAMINED H. E. B...
PASSED
APPROVED U. E. Hoff

WATERWAY INFORMATION
Drainage Area 645,120 Acres
Character Flat, Wooded, Sand, Cultivated
Required Opening 2150 Sq. Ft. (50 Yr. Fl.)
Proposed Opening 2150 Sq. Ft.

DESIGN STRESSES
for Prestress Concrete I-Beam
fc = 5,000 psi.
fci = 4,000 psi.
fs = 248,000 psi. (Cables 7/8")
fsi = 173,600 psi. (")

DESIGN STRESSES
Cost in Place Unit
fc = 1400 psi.
vc = 75 psi. Footing
fs = 20,000 psi. Reinf.
n = 10
LOADING: H2O-S16 & ALTERNATE

FOR INFORMATION ONLY

FILE NAME =	USER NAME = bdeacrae	DESIGNED - DJD	REVISED -
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PLOT SCALE = 2.000000' / in.		CHECKED - DJD	REVISED -
PLOT DATE = 3/17/2015		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

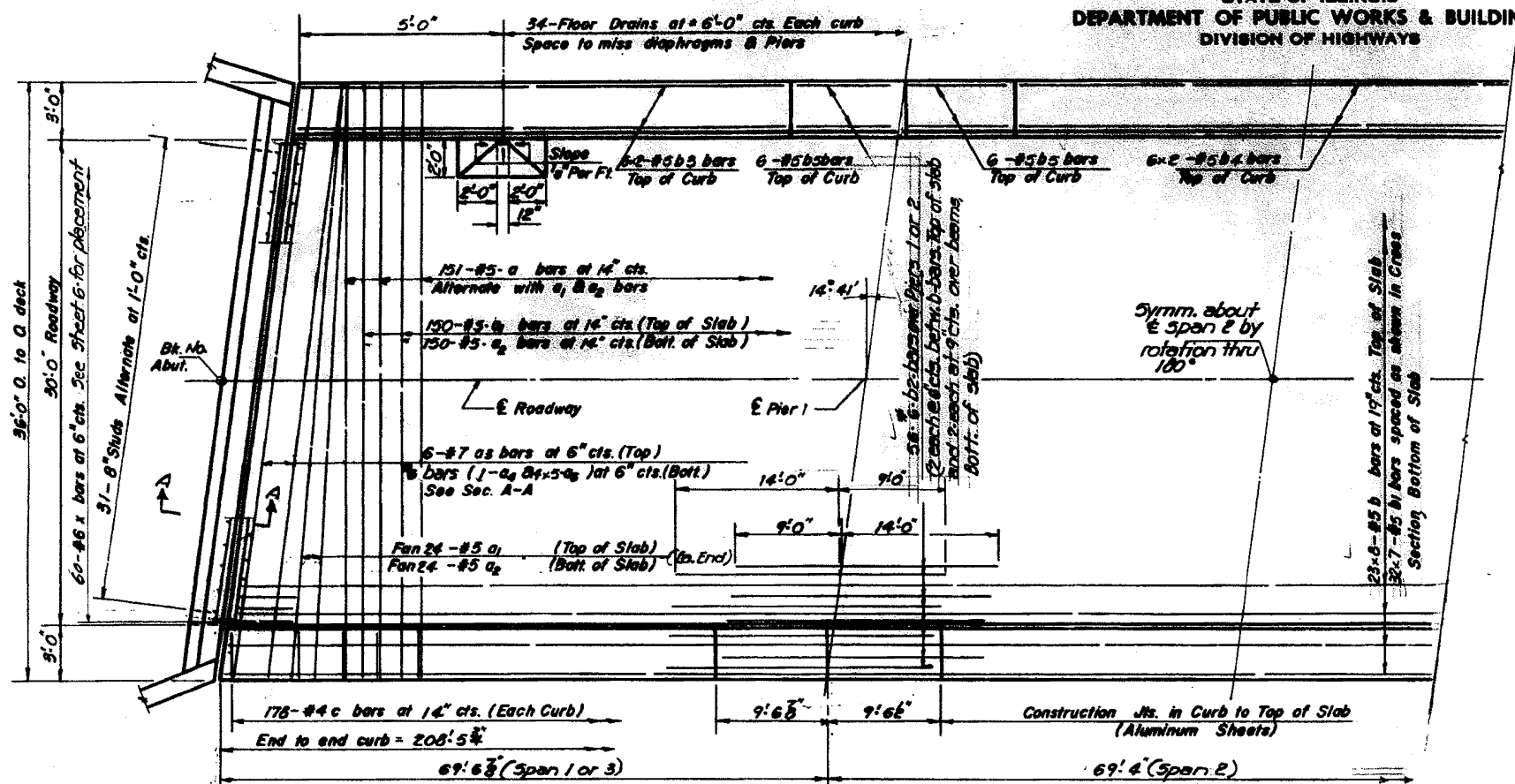
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	310
* 37-18-1, 81-18-1 & 81-18-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

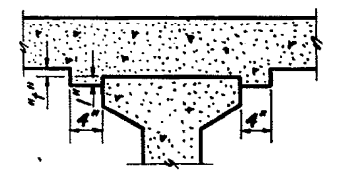
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

1/2" #10 bolts at 12" cts. for 3/4" bolts set on .212" gage line. All bolts shall be burned, sawed, or clipped off flush with back of angles after forms are removed.
1/2" #10 vent holes at 12" cts. set on 1/2" gage line.

DISTRICT NO.	COUNTY	TOTAL SHEETS	SHEET NO.
11	HENRY	37	12



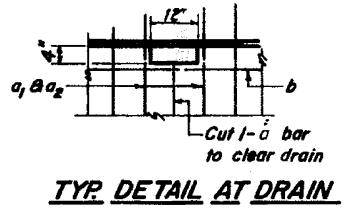
Note: Bars indicated thus: 20x3-5 etc. indicates 20 lines of bars with 3 lengths per line.



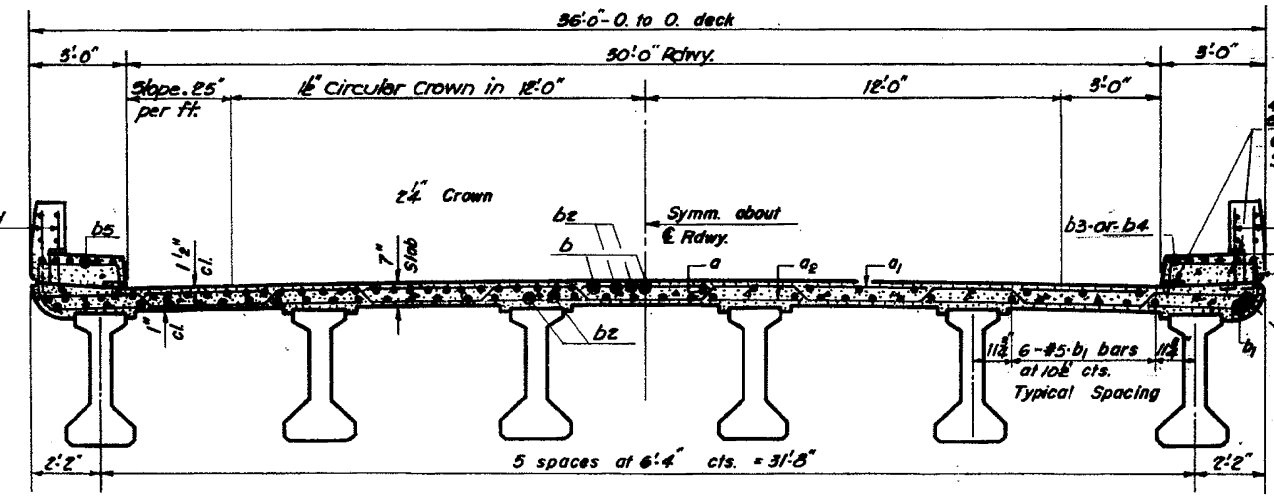
STANDARD FILLET DETAIL

To determine "f": After all Precast Prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet #2 or 3. These elevations subtracted algebraically from "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet #2 or 3, minus slab thickness, equals the fillet heights "f". A positive value of "f" equals the fillet height above the top of the beam. A negative value of "f" not to exceed 1/2" equals the embedment of the beam above the theoretical bottom of slab elevation.

DESIGNED	J.M. Young	EXAMINED	AUG 7 1963
CHECKED	W.H. Hering	PASSED	
DRAWN	Thomas B. Fuller	APPROVED	U.E. Bluff
CHECKED	W.H. Hering		



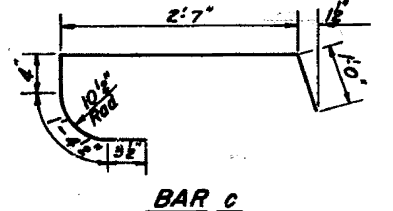
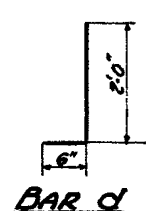
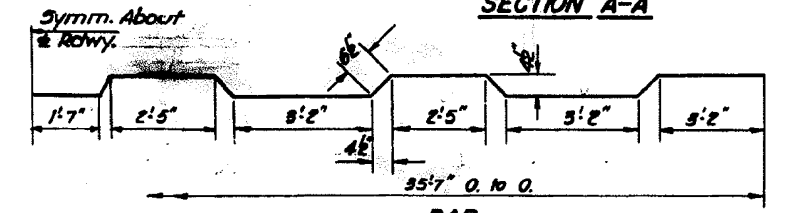
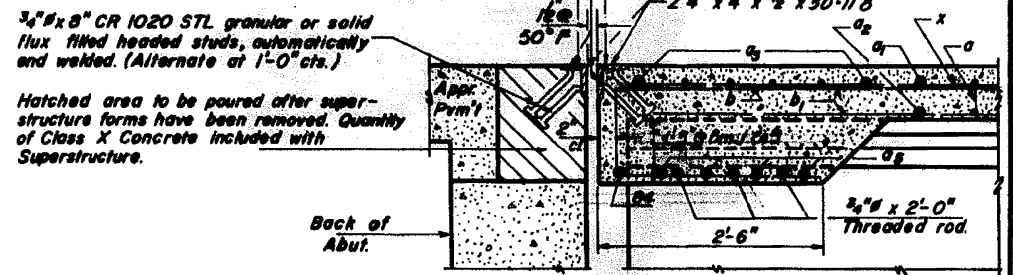
TYP. DETAIL AT DRAIN



NEAR PIERS

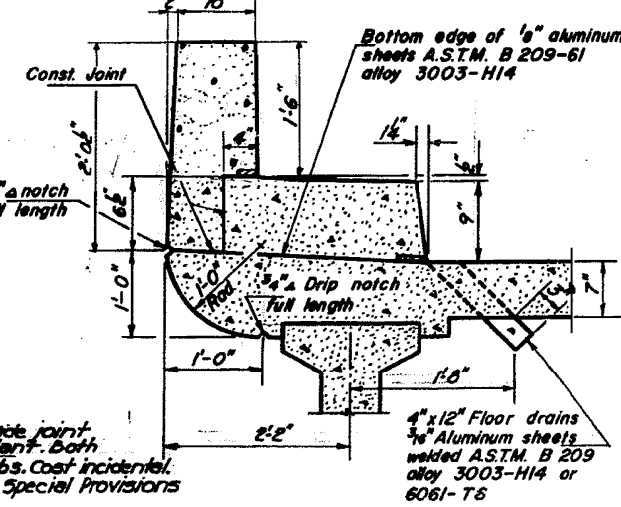
NEAR MIDSPAN

CROSS SECTION



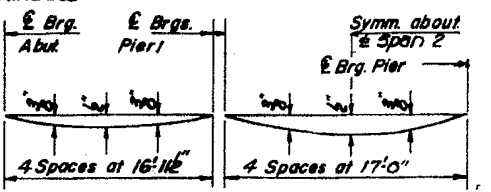
BAR x
BILL OF MATERIAL

Bar No.	Size	Length	Shape
a	302 #5	37'-9"	
a ₁	396 #5	35'-7"	
a ₂	396 #5	35'-0"	
a ₃	24 #7	36'-9"	
a ₄	4 #6	32'-0"	
a ₅	80 #6	5'-9"	
b	368 #5	27'-0"	
b ₁	448 #5	3'-0"	
b ₂	224 #6	23'-0"	
b ₃	96 #5	30'-6"	
b ₄	48 #5	25'-9"	
b ₅	96 #5	9'-5"	
c	712 #4	51'-7"	
d	1864 #5	2'-6"	
m	80 #4	5'-9"	
m ₁	40 #6	4'-6"	
m ₂	120 #4	4'-6"	
m ₃	120 #4	5'-6"	
s	100 #4	11'-2"	
s ₁	300 #4	8'-5"	
x	240 #6	9'-6"	
Reinforcement Bars			Lbs. 96230
Structural Steel			Lbs. 5690
Class X Concrete			Cu.Yds. 498.0



CURB DETAIL

Cost of aluminum sheets and drains is incidental to Class X Concrete.



For details of bars m, m₁, m₂, m₃, s, s₁ see sheet #5 & 6.
for location of d-bars, see sheet 8

SUPERSTRUCTURES
EAST & WEST BRIDGES
F.A.I. RE. 80-SEC. 97-1B-1
HENRY COUNTY
STATION 416+78.30

FOR INFORMATION ONLY

FILE NAME	USER NAME	DESIGNED	REVISED
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2.000000' / in.	12/10/2014	RMD	
PLOT DATE	DATE	CHECKED	REVISED
3/17/2015		DJD	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

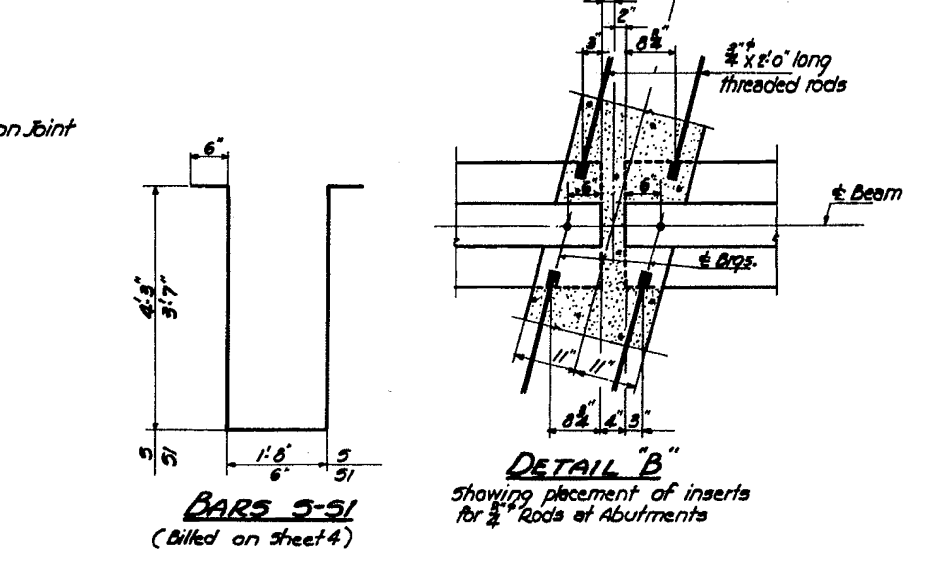
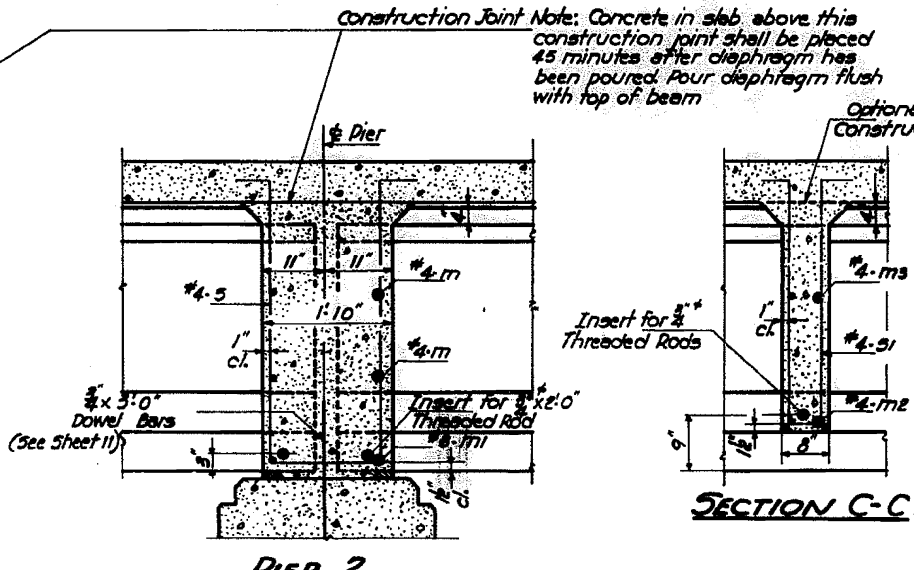
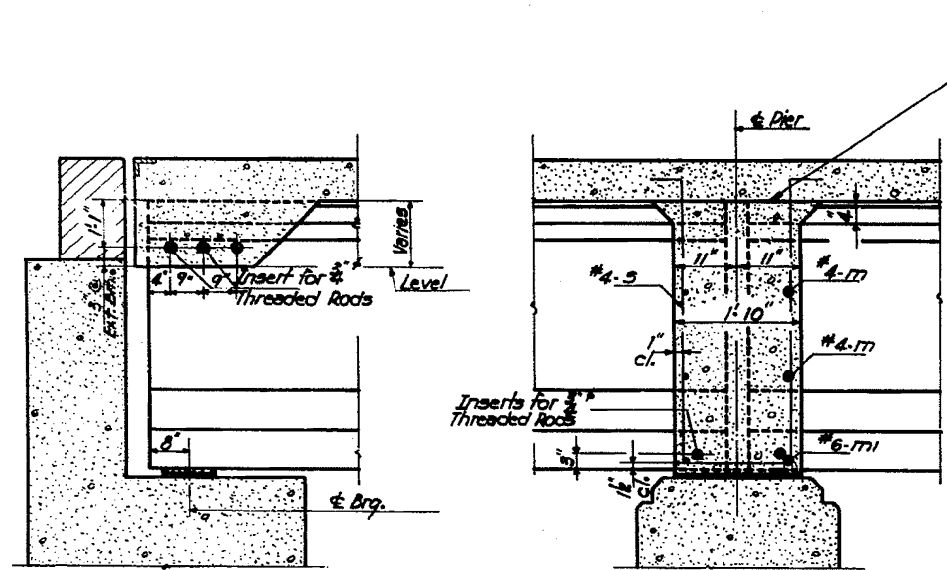
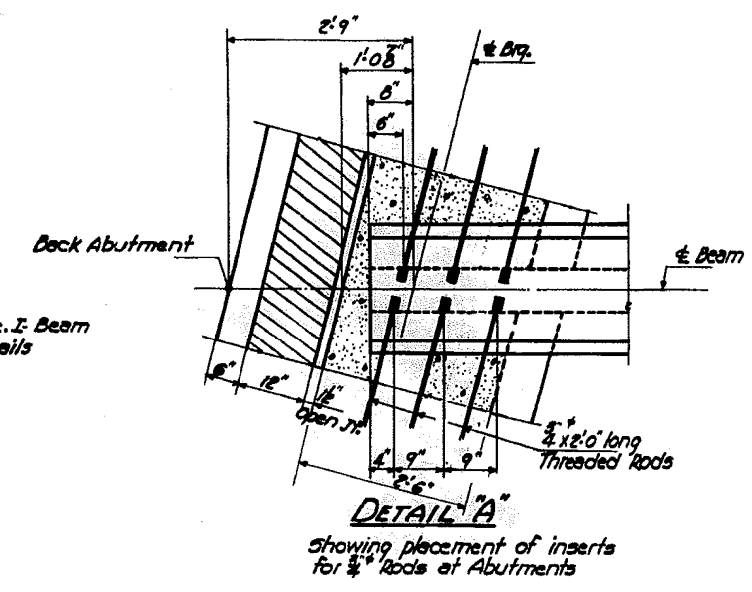
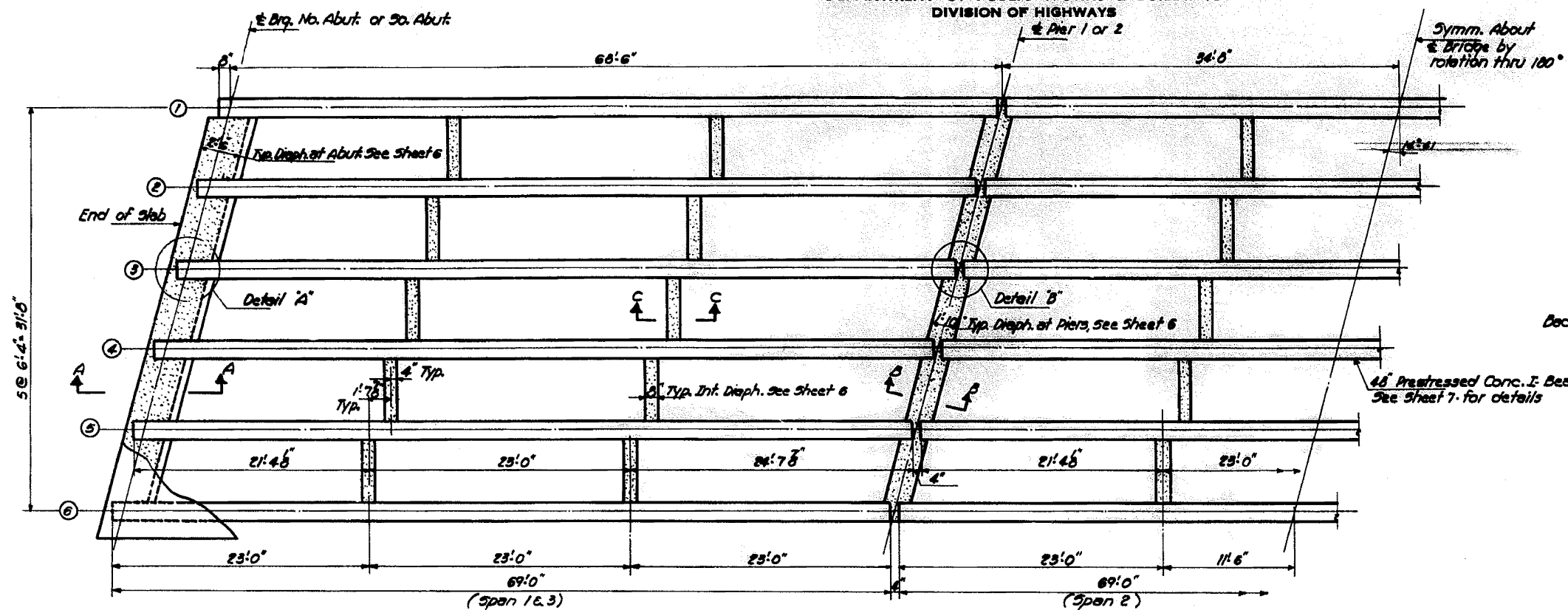
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F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	311
*37-1BR-1, 81-1VBR & 81-1HR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

DESIGN NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P. 42 80	37-1B-1	HENRY	37	10
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 5
12 SHEETS



Construction Joint Note: Concrete in slab above this construction joint shall be placed 45 minutes after diaphragm has been poured. Pour diaphragm flush with top of beam.

Note: Quantities of Class 'C' Concrete and Reinforcement Bars included in Bill of Material sheet 4.

DESIGNED	J. M. Miller	EXAMINED	J. E. Blum
CHECKED	J. M. Miller	PASSED	J. E. Blum
DRAWN	J. M. Miller	APPROVED	J. E. Blum
CHECKED	J. M. Miller		

AUG 7 1963

FOR INFORMATION ONLY

EAST & WEST BRIDGES
FRAMING DETAILS
F.A.I. R. 80-5EC. 37-1B-1
HENRY COUNTY
STATION 416+78.30

FILE NAME	USER NAME	DESIGNED	REVISED
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PLOT SCALE	2.000000' / in.	DRAWN	REVISED
PLOT DATE	3/17/2015	RMD	
		CHECKED	REVISED
		DJD	
		DATE	REVISED
		12/10/2014	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

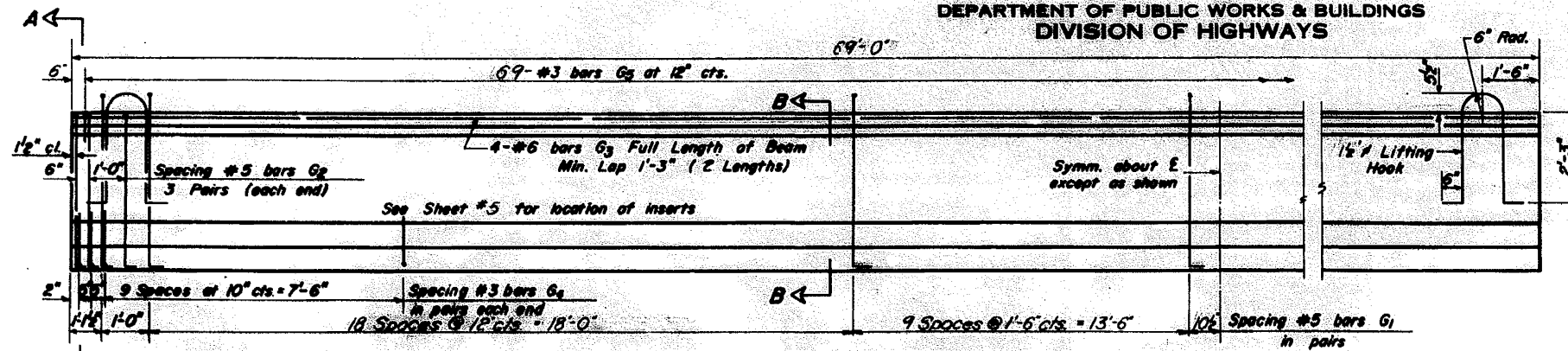
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

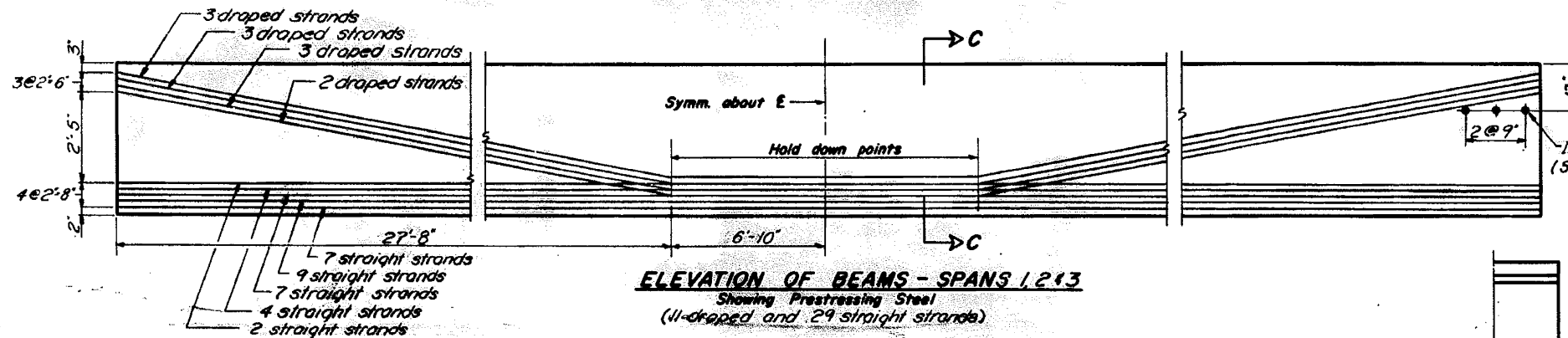
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
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FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

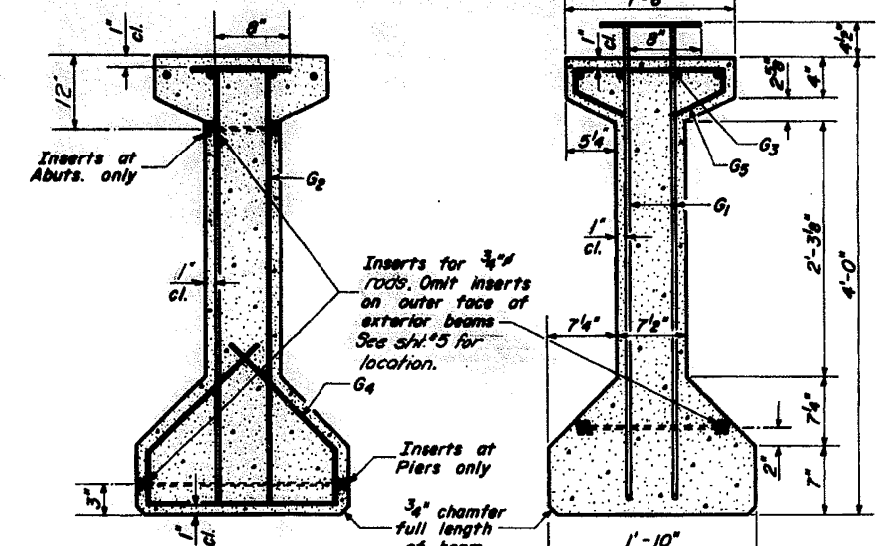
SHEET NO. 7
12 SHEETS



ELEVATION OF BEAMS - SPANS 1, 2, 13
Showing Reinforcement & Dimensions

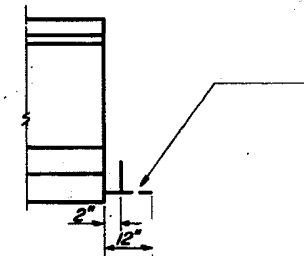


ELEVATION OF BEAMS - SPANS 1, 2, 13
Showing Prestressing Steel
(11 draped and 29 straight strands)

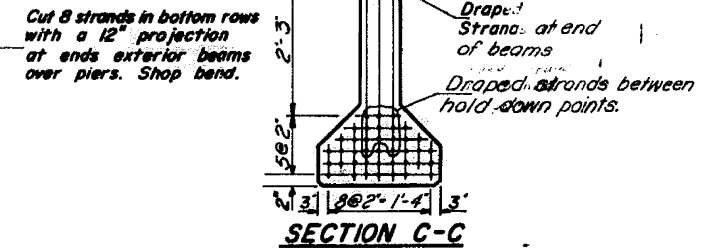


SECTION A-A

SECTION B-B



DETAIL OF EXTERIOR BEAM ENDS OVER PIERS



SECTION C-C

BAR SCHEDULE

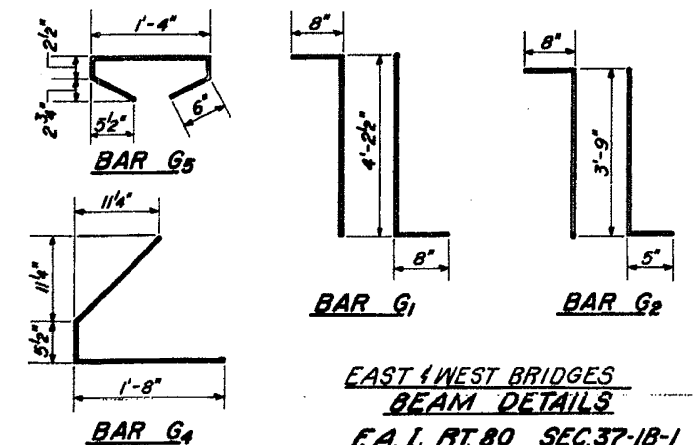
Bar	No.	Size	Length	Shape
G ₁	4176	#5	5'-6 1/2"	7L
G ₂	432	#5	4'-10"	7L
G ₃	288	#6	35'-0"	—
G ₄	1728	#3	3'-5 1/2"	L
G ₅	2484	#3	2'-9"	U

NOTES

All inserts and threaded rods for inserts, reinforcing and Prestressing Steel, and other items which are cast into the Precast Concrete I-Beams shall be included in the contract unit price per linear foot of "Furnishing And Erecting Precast Prestressed Concrete I-Beams, 48 In. See Special Provisions for additional information regarding materials, Prestressing equipment, construction and handling methods and other requirements for Precast Prestressed Concrete I-Beams. Prestressing Steel shall have a nominal diameter of 1/8". Inserts for 3/4" threaded rods are to be two strut, coil type for interior I-Beams and single coil, flared loop type for exterior I-Beams. Steel for lifting hooks shall be non-deformed bars of structural or intermediate grade billet steel.

BILL OF MATERIAL

Item	Unit	Total
Furnishing & Erecting Precast Prestressed Concrete I-Beams, 48"	Lin. Ft.	2484



**EAST & WEST BRIDGES
BEAM DETAILS
F.A.I. RT. 80 SEC. 37-1B-1
HENRY COUNTY
STA. 416 + 78.30**

FOR INFORMATION ONLY

DESIGNED	T. M. Young	EXAMINED	W. C. Baumann
CHECKED	W. A. Sausaman	PASSED	U. E. Klaff
DRAWN	W. A. Sausaman	APPROVED	U. E. Klaff
CHECKED	W. A. Sausaman		

DESIGNED: T. M. Young
EXAMINED: W. C. Baumann
PASSED: U. E. Klaff
APPROVED: U. E. Klaff

SB-1 10-15-62

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	PLOT SCALE = 2.000000' / in.	CHECKED -	DJD	REVISED -	
	PLOT DATE = 3/17/2015	DATE -	12/10/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

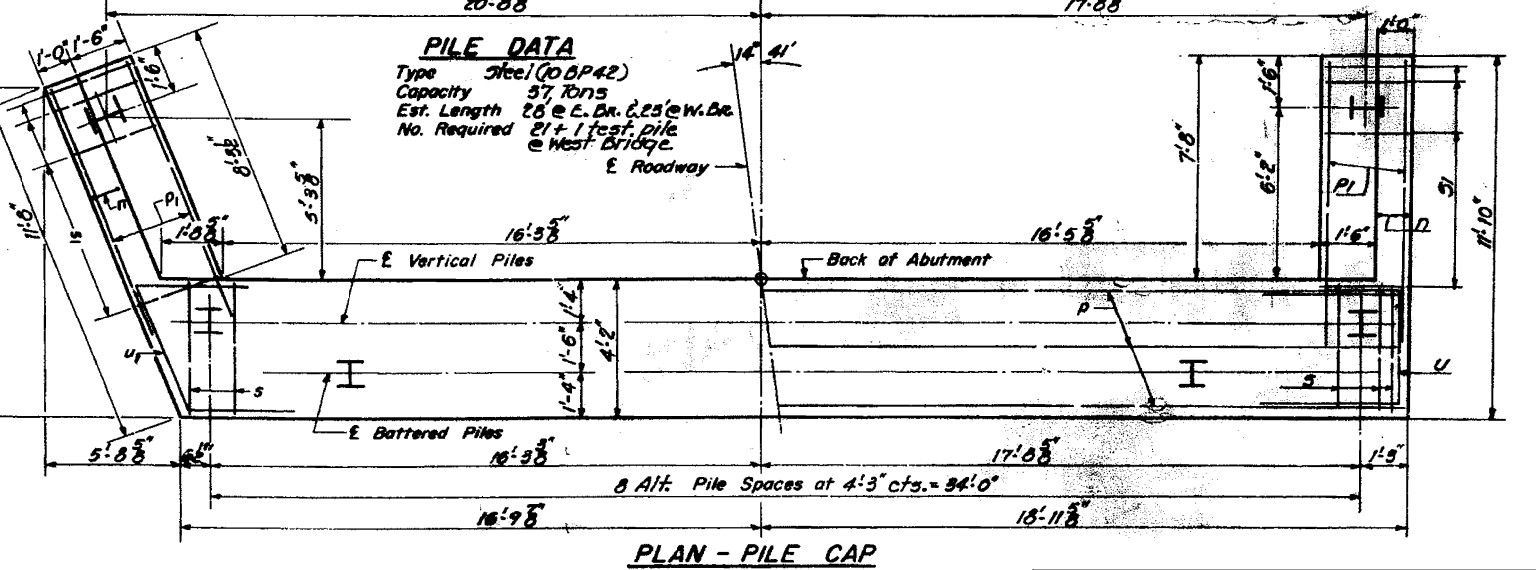
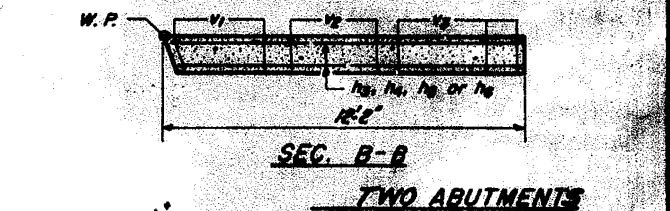
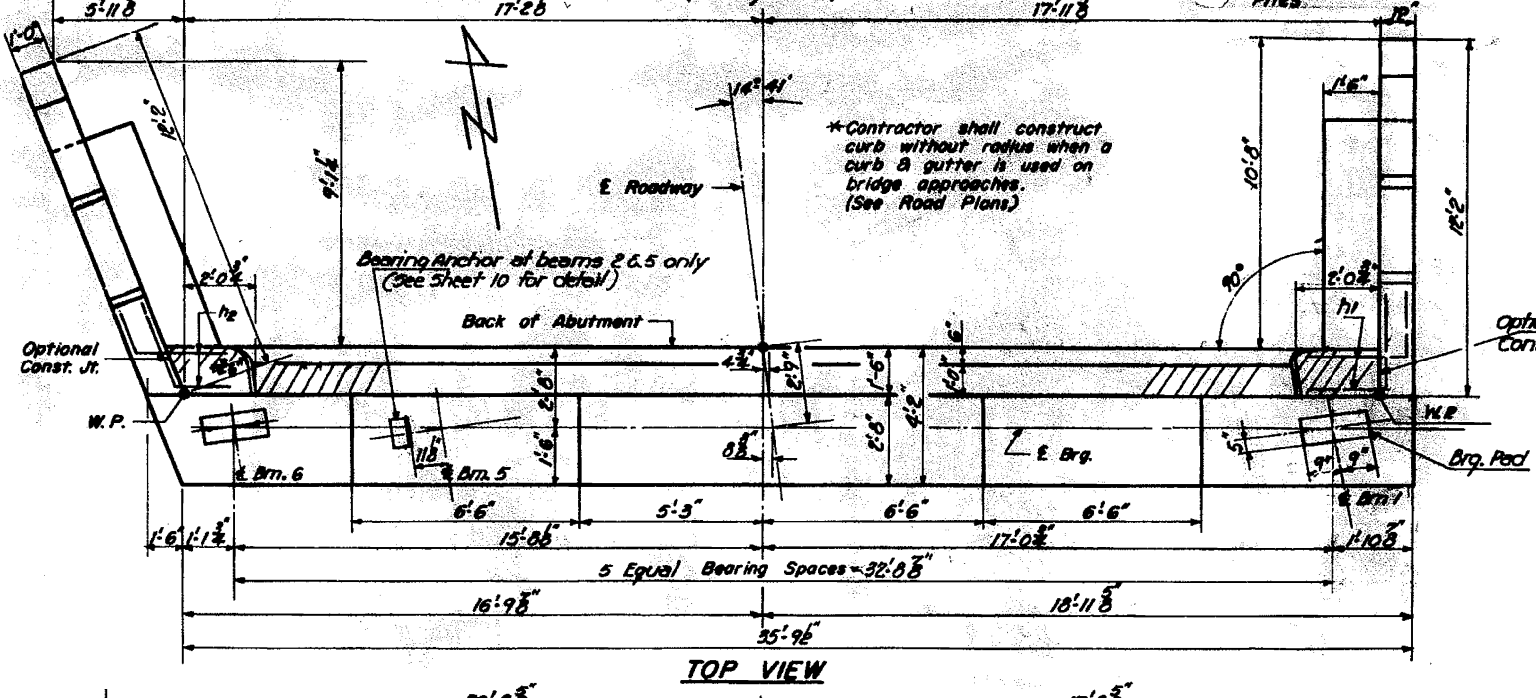
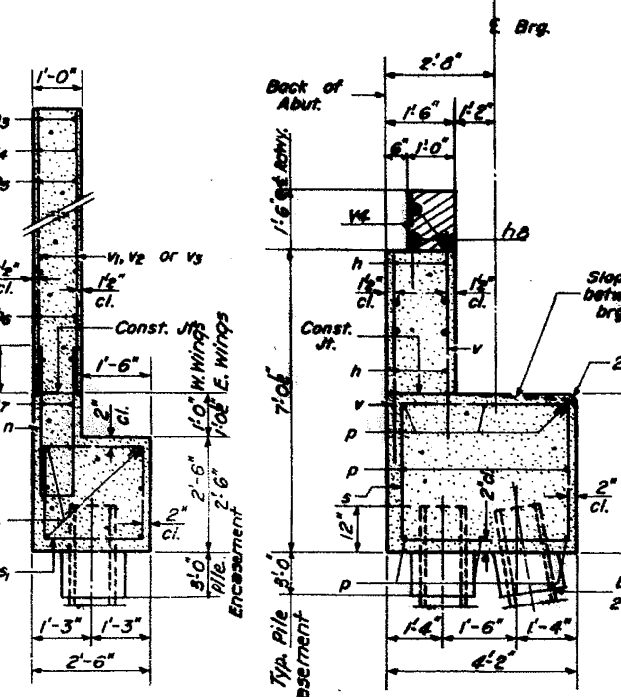
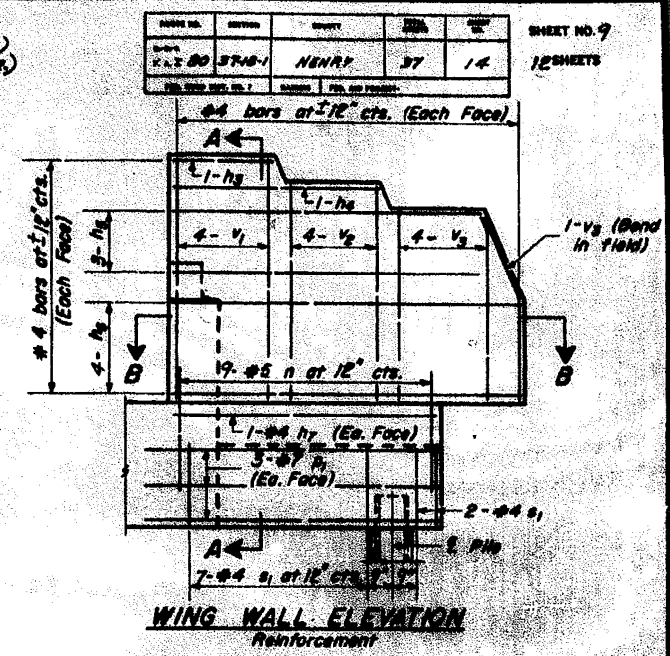
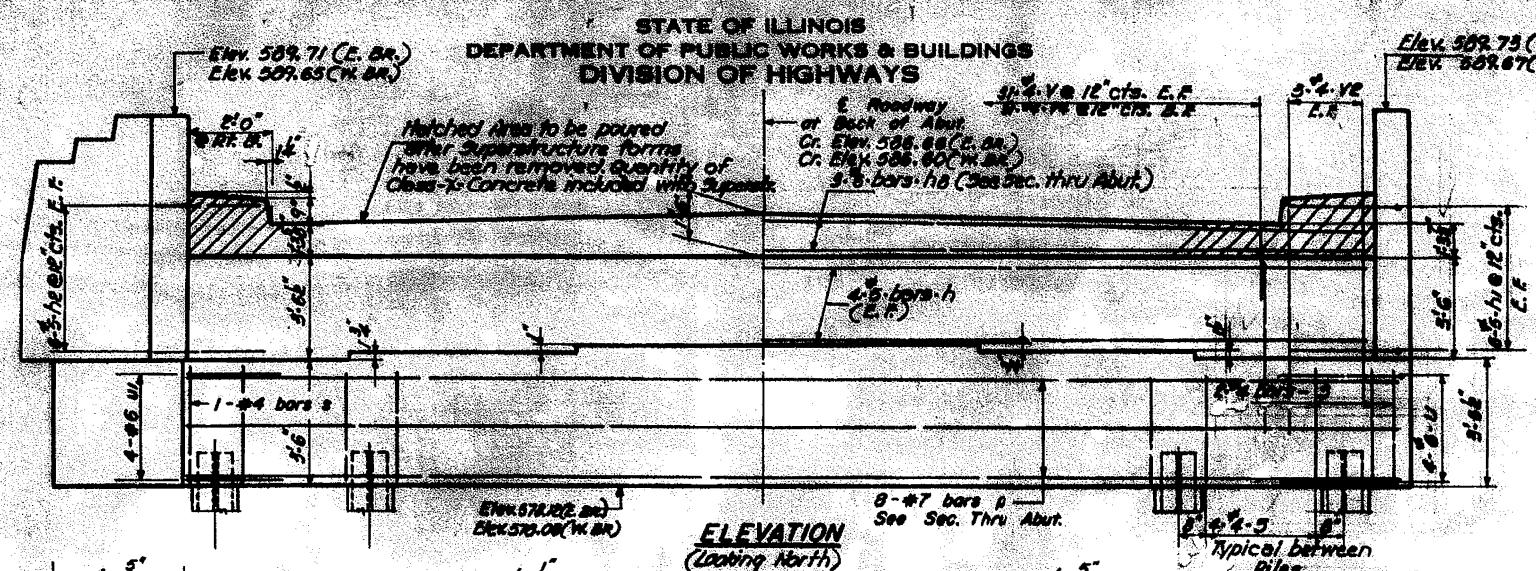
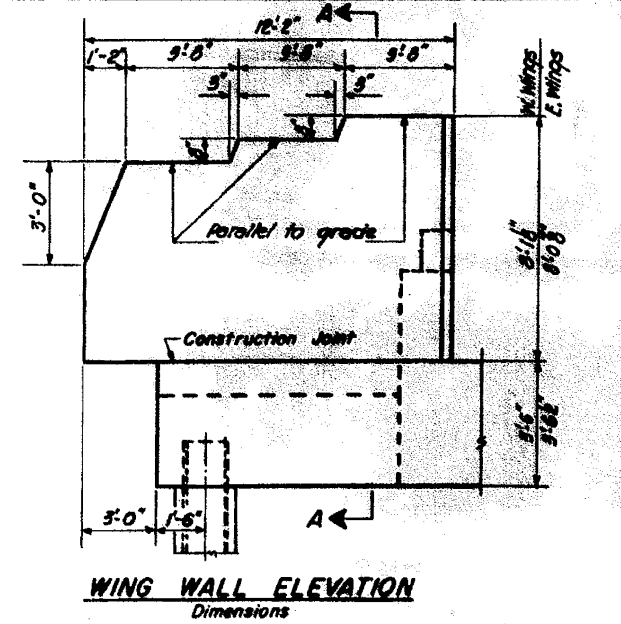
EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	313
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO. 80-371B-1 HENRY 37 14 SHEET NO. 9
12 SHEETS



**TWO ABUTMENTS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h	16	#3	35'-0"	—
h ₁	24	#5	4'-9"	└
h ₂	24	#5	5'-0"	└
h ₃	8	#4	3'-2"	└
h ₄	8	#4	6'-10"	└
h ₅	24	#4	10'-6"	└
h ₆	32	#4	11'-8"	└
h ₇	8	#4	8'-9"	└
h ₈	6	#6	33'-0"	└
n	36	#5	7'-9"	└
p	18	#7	35'-7"	└
p ₁	24	#7	10'-0"	└
s	70	#4	14'-9"	└
s ₁	36	#4	9'-5"	└
u	8	#6	10'-9"	└
u ₁	8	#6	11'-4"	└
v	124	#4	5'-0"	└
v ₁	32	#4	7'-11"	└
v ₂	58	#4	7'-3"	└
v ₃	40	#4	8'-7"	└
v ₄	62	#4	2'-9"	└

Bar	No.	Size	Length	Shape
BAR s & s ₁				
BAR n-u				
BAR u ₁				
BAR h ₂				
BAR h ₁				

Class X Concrete Cu. Yds. 76.1
Reinforcement Bars Lbs. 5930
Steel Piles (10BP42) Lin. Ft. 538
Test Piles Steel (10-PB42) Ea. 1
Structural Steel Lbs. 120

**NORTH ABUTMENTS
EAST & WEST BRIDGES
E.A.I. RT. 80-SEC. 371B-1
HENRY COUNTY
STATION 416+78.30**

PILE DATA
Type Steel (10BP42)
Capacity 37,700 lbs
Est. Length 28 @ E. Abut. 25 @ W. Abut.
No. Required 21 + 1 test pile @ West Bridge

DETAIL OF PILE ENCASEMENT

DESIGNED T. M. Young
CHECKED W. A. Sausaman Jr.
DRAWN W. A. Sausaman Jr.
CHECKED W. A. Sausaman Jr.

EXAMINED W. G. Beumann
PASSED
APPROVED U. E. Oeff

FOR INFORMATION ONLY

A-8-L (1°-14°) 7-18-62 Rev. 11-27-62

FILE NAME	USER NAME	DESIGNED	REVISOR
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		RMD	
		DJD	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

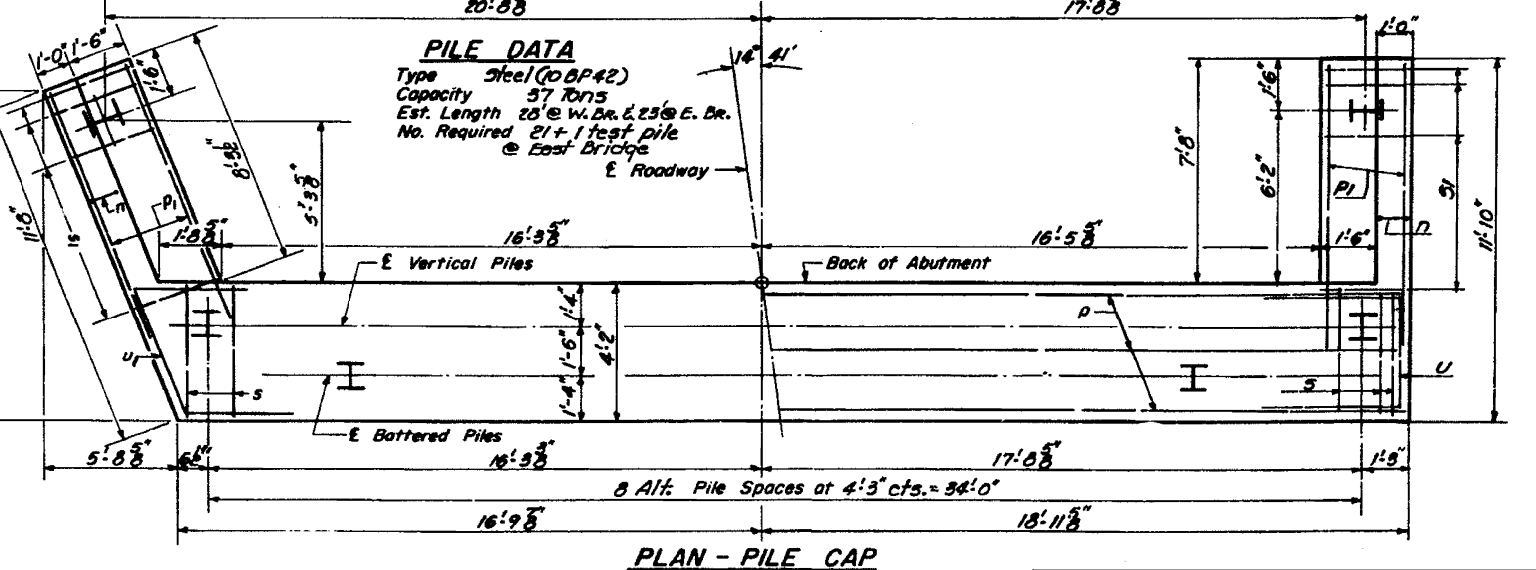
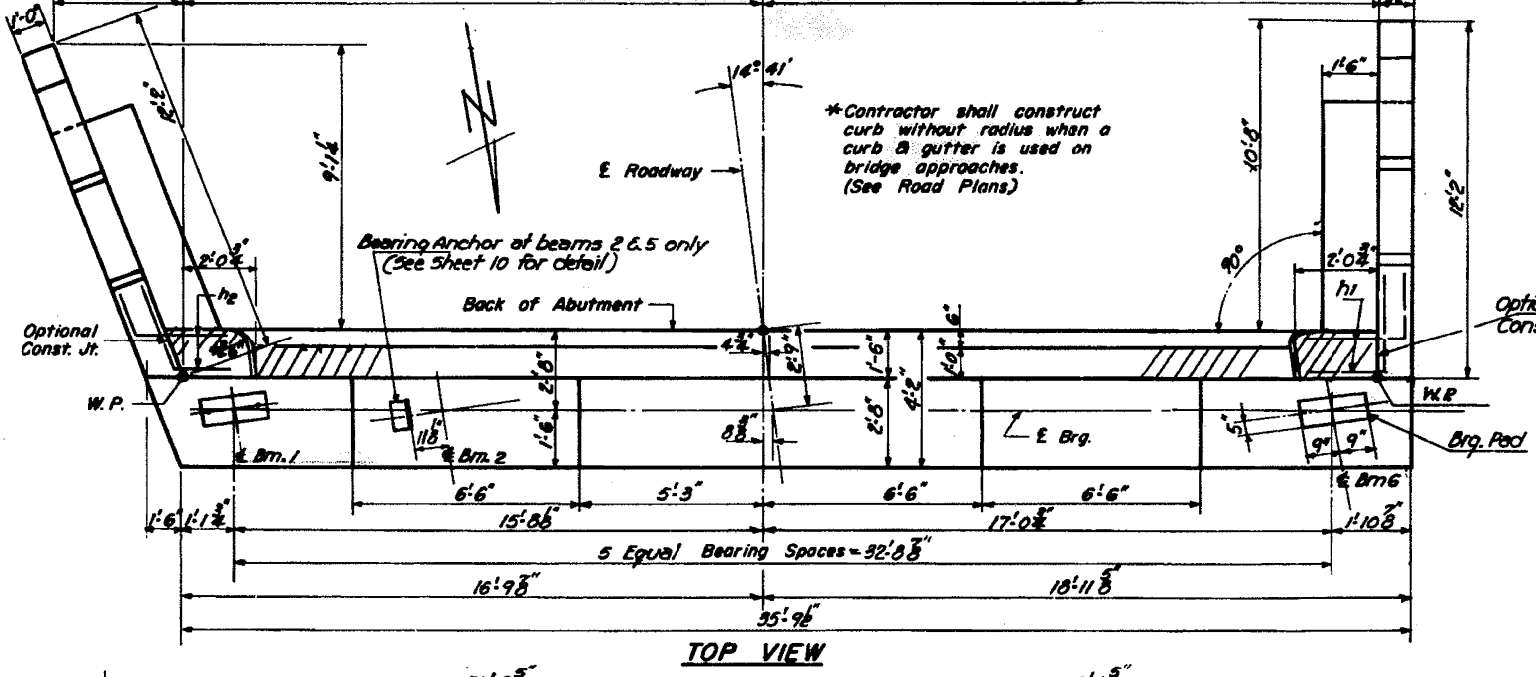
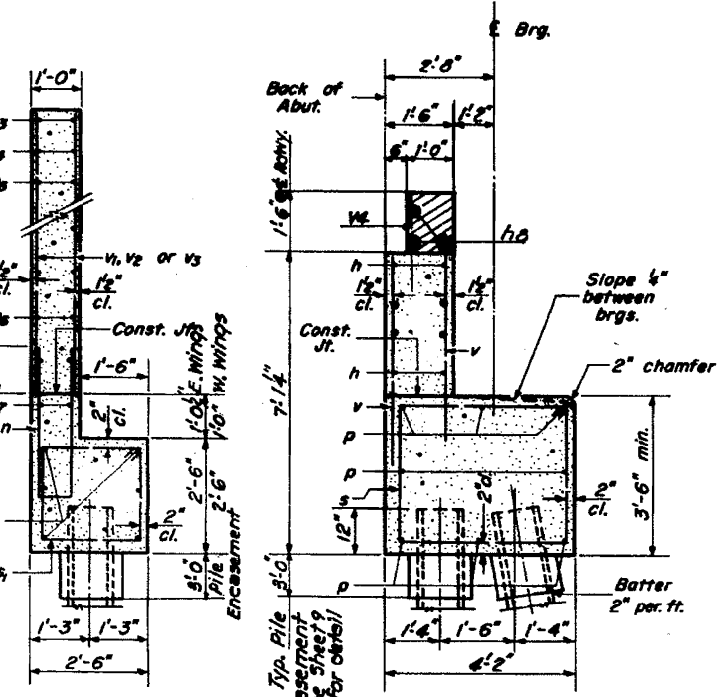
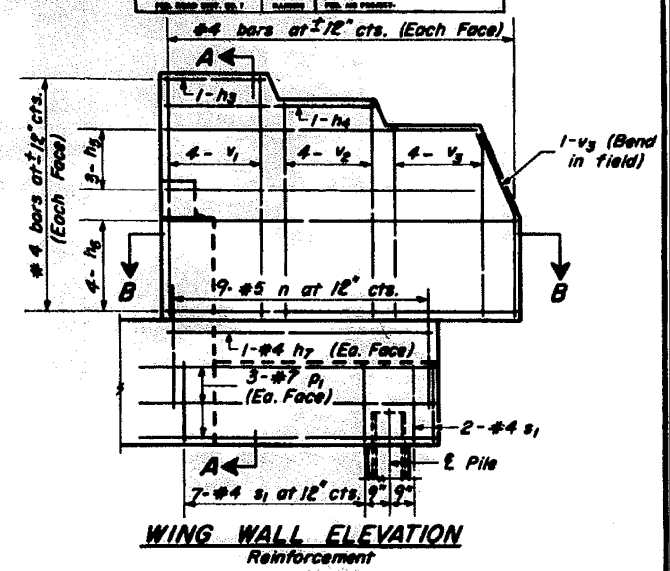
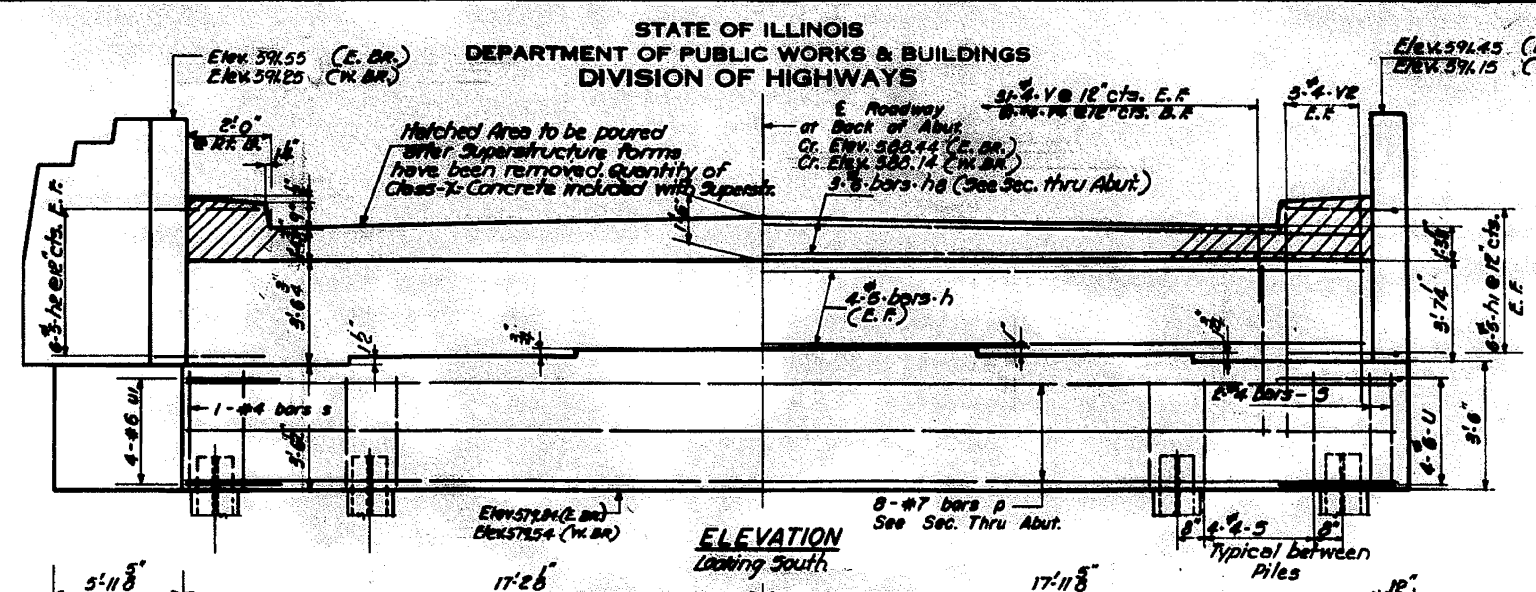
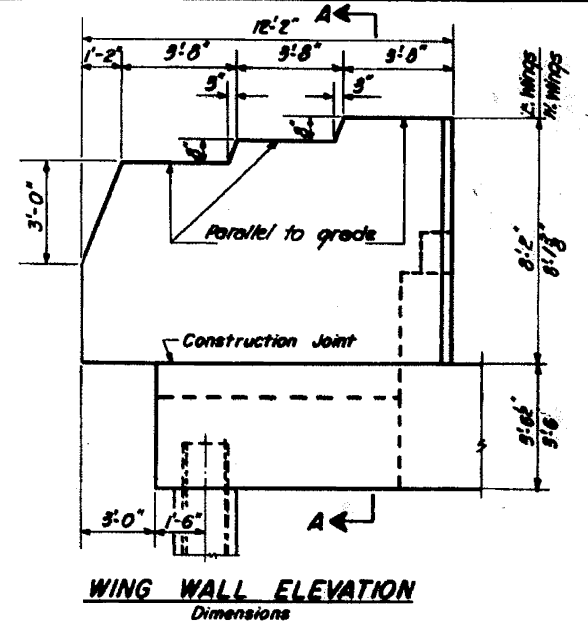
EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	314
* 37-1BR-1, 81-1VBR & 81-1HR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SHEET NO. 10
12 SHEETS



PILE DATA
Type Steel (10BP42)
Capacity 57 Tons
Est. Length 28' @ W. Br. & 23' @ E. Br.
No. Required 21 + 1 test pile @ East Bridge

*Contractor shall construct curb without radius when a curb & gutter is used on bridge approaches. (See Road Plans)

**TWO ABUTMENTS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h	16	#5	35'-0"	—
h ₁	24	#5	2'-9"	L
h ₂	24	#5	5'-0"	—
h ₃	8	#4	3'-2"	—
h ₄	8	#4	6'-10"	—
h ₅	24	#4	10'-6"	—
h ₆	32	#4	11'-8"	—
h ₇	8	#4	8'-9"	—
h ₈	6	#6	35'-0"	—
n	36	#5	7'-9"	U
p	18	#7	35'-7"	—
p ₁	24	#7	10'-0"	—
s	70	#4	14'-9"	□
s ₁	36	#4	9'-5"	□
u	8	#6	10'-9"	—
u ₁	8	#6	11'-4"	—
v	124	#4	5'-0"	—
v ₁	32	#4	7'-11"	—
v ₂	56	#4	7'-3"	—
v ₃	40	#4	6'-7"	—
v ₄	62	#4	2'-9"	—
Class X Concrete		Cu. Yds.	76.5	
Reinforcement Bars		Lbs.	5930	
Steel Piles (10BP42)		Lin. Ft.	538	
Test Piles (Steel)		Ea.	1	
Structural Steel		Lbs.	120	

**SOUTH ABUTMENTS
EAST & WEST BRIDGES
I.A.I. RT. 80-SEC. 37/10-1
HENRY COUNTY
STATION 416+78.30**

DESIGNED T. M. Young
CHECKED Wei Hsing
DRAWN W. A. Seussman Jr.
CHECKED Wei Hsing

EXAMINED W. B. Baumann
PASSED
APPROVED U. E. Hoff

AUG 7 1963

A-8-L (1°-14°) 7-18-62 Rev. 11-27-62

FOR INFORMATION ONLY

FILE NAME : V:\3369\CADD Sheets\0264878.sht	USER NAME : bdecreane	DESIGNED : DJD	REVISED :
Structure-5.dgn		DRAWN : RMD	REVISED :
PLOT SCALE : 2.000000' / in.		CHECKED : DJD	REVISED :
PLOT DATE : 3/17/2015		DATE : 12/10/2014	REVISED :

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

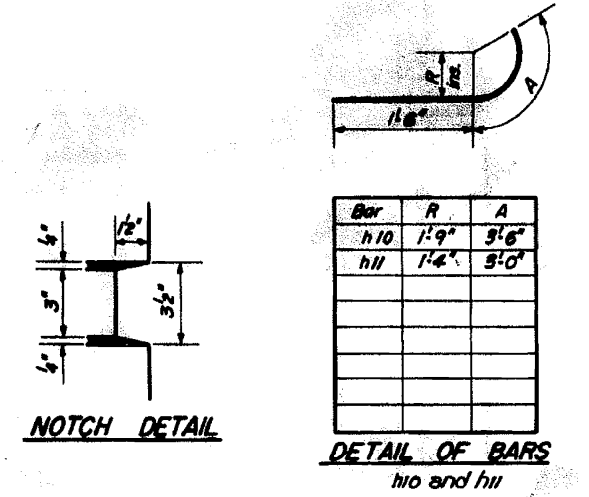
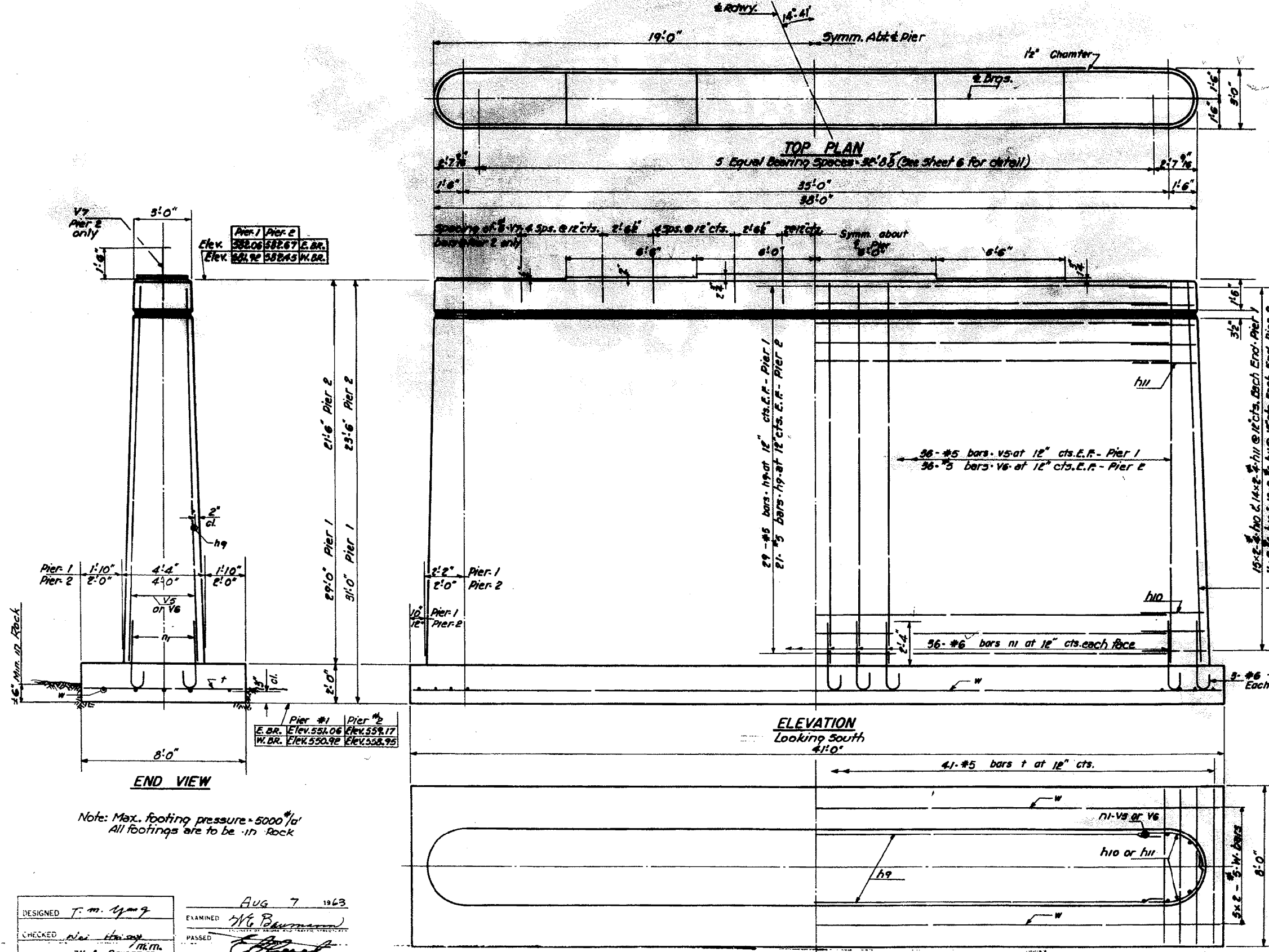
EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 6 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	315
* 37-1BR-1, 81-1VBR & 81-1HR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 11
80	37-1B-1	HENRY	37	16	12 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		



Note: Pour steps monolithically with cap.
Bars indicated thus: 15-#5 etc. indicates 15 lines of bars with 2 lengths per line.
Min. bar lgs. = 20 dia.

BAR n

4 PIERS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h9	200	#5	35'-0"	—
h10	208	#4	5'-0"	—
h11	192	#4	4'-6"	—
n1	312	#6	4'-9"	—
t	164	#5	7'-9"	—
v5	156	#5	28'-9"	—
v6	156	#5	21'-3"	—
v7	50	#6	3'-0"	—
w	40	#5	21'-0"	—
Class-A Concrete		Cu. Yds.	608.4	
Reinforcement Bars		Lbs.	21360	
Rock Exc. for Struct.		Cu. Yds.	24	
Cofferdam Excav.		Cu. Yds.	770	
Cofferdam-Pier 1		Each	2	
Cofferdam-Pier 2		Each	2	

Note: Max. footing pressure = 5000 #/sq ft
All footings are to be in rock

DESIGNED: T. M. Lyon
CHECKED: Alex. Hering
DRAWN: W. A. Sausamon
CHECKED: Alex. Hering

EXAMINED: H. G. Baumann
PASSED: [Signature]
APPROVED: U. E. [Signature]

AUG 7 1963

P-1 Re-drawn 7-21-59 Rev. 11-25-59

FILE NAME: V:\3369\CADD Sheets\0264878.sht	USER NAME: bdecrane	DESIGNED: DJD	REVISED: -
structure-5.dgn		DRAWN: RMD	REVISED: -
PLOT SCALE: 2.000000' / in.		CHECKED: DJD	REVISED: -
PLOT DATE: 3/17/2015		DATE: 12/10/2014	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 7 OF 15 SHEETS STA. TO STA.

PIERS 1 AND 2
EAST & WEST BRIDGE
E.A.I. RT. 80-SEC. 37-1B-1
HENRY COUNTY
STATION 416+78.30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	316
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Build to existing structure.

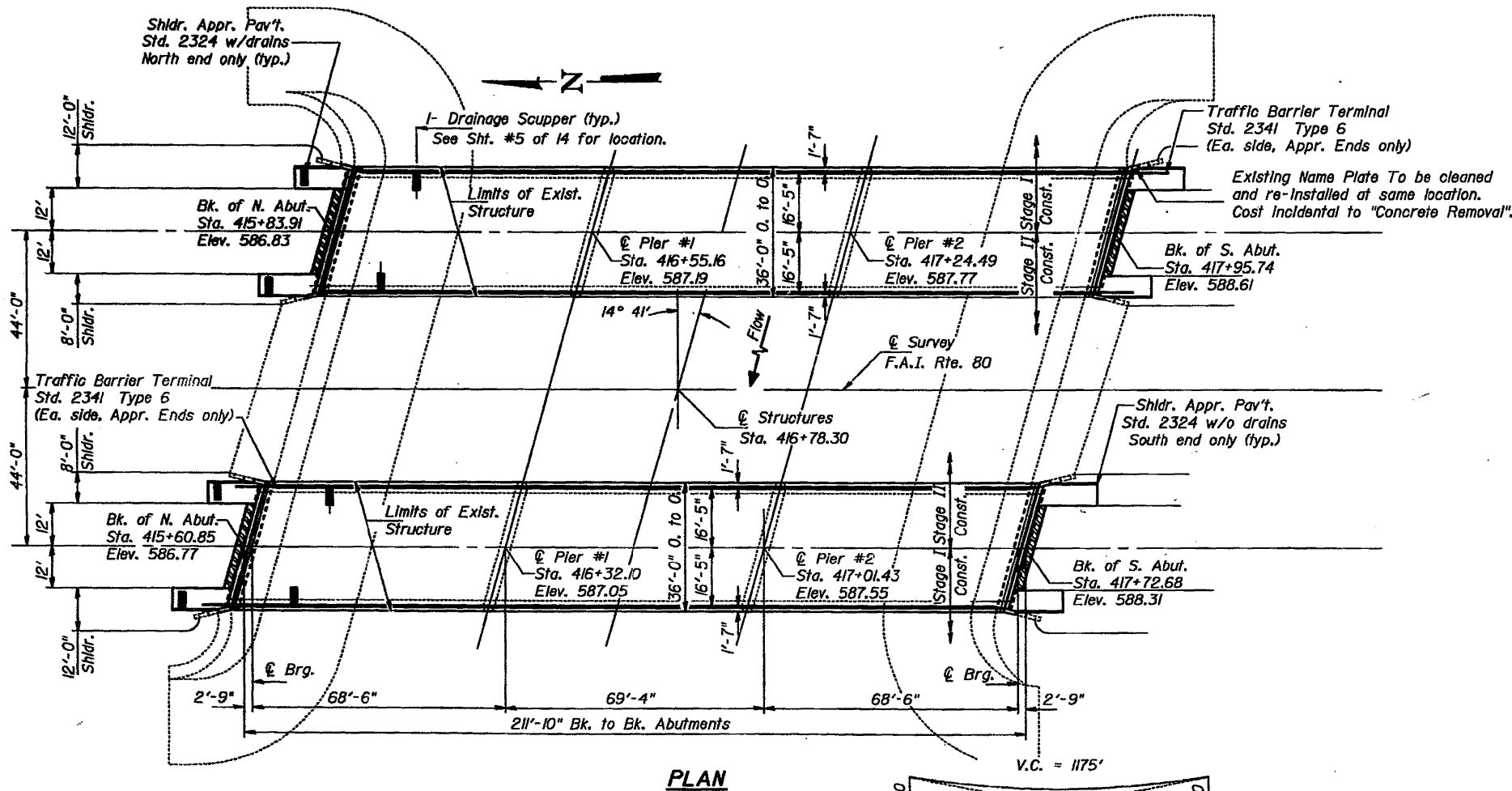
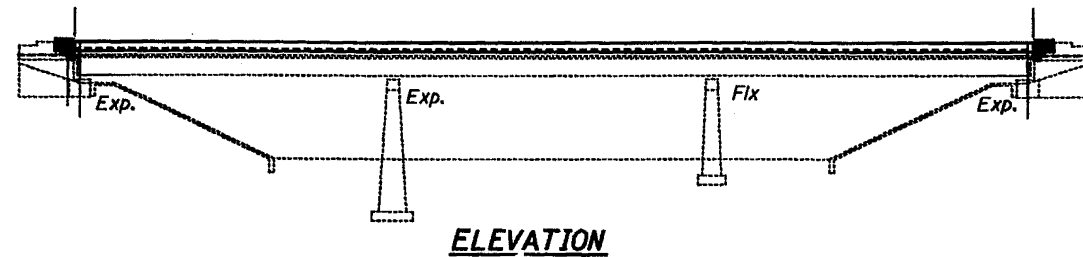
Existing Structure: #037-0025 and #037-0026 is 211'-10" Bk. to Bk. of Abutment with a 36'-0" Out to Out of deck. Built as FAI Rte. 80, Section 37-1B-1, at Sta. 416+78.60 in 1964. The traffic shall be maintained during the rehabilitation of the existing structure utilizing stage construction. The existing aluminum hand rail shall be salvaged and delivered to the District Maintenance Storage Yard. Cost incidental to "Concrete Removal (Special)".

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	DISTRICT	COUNTY	SHEET	SHEET NO.
80	37-1BY-1	HENRY	14-7	37
SHEET NO.		SHEETS		

GENERAL NOTES

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60.
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	38	13	51
Concrete Removal (Special)	Cu. Yd.	84		84
Preformed Joint Seal 2 1/2"	Lin. Ft.	71		71
Class X Concrete Superstructure	Cu. Yd.	122.5		122.5
Protective Coat	Sq. Yd.	353		353
Structural Steel	Pound	2,830		2,830
Reinforcement Bars, Epoxy Coated	Pound	16,500	2,660	19,160
Drainage Scupper	Each	4		4
Neoprene Expansion Joint 2"	Lin. Ft.	71		71
Repair Concrete Structures	Sq. Ft.		26	26
Bituminous Concrete Surface Removal	Sq. Yd.	1,336		1,336
Deck Slab Repairs (Partial)	Sq. Yd.	70.5		70.5
Plasticized Bridge Deck Conc. Overlay	Sq. Yd.	1,454		1,454
Bridge Deck Scarification 1 1/2"	Sq. Yd.	1,336		1,336
Approach Slab Removal & Replacement	Sq. Yd.	33		33

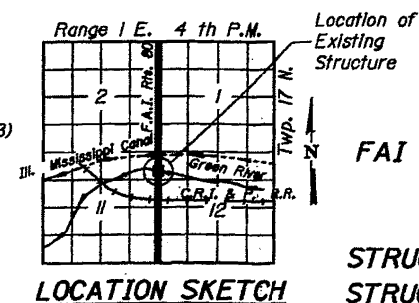
DESIGN SPECIFICATIONS

AASHTO (1983) and applicable Interims (1984 thru 1988)

LOADING HS 20-44 & Alt.

DESIGN STRESSES

FIELD UNITS
f_c = 3,500 psl
f_y = 60,000 psl (Reinf.)



GENERAL PLAN
FAI ROUTE 80 OVER
GREEN RIVER
FAI ROUTE 80 SECTION 37-1BY-1
STA. 416+78.30
HENRY COUNTY
STRUCTURE NUMBER 037-0026 (NB)
STRUCTURE NUMBER 037-0025 (SB)

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

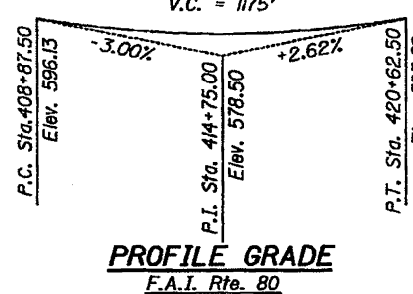
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	317
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESIGNED: *Patrick M. Poth*
CHECKED: *Rita Williams*
DRAWN: *Paul W. Sweet*
CHECKED: *R.W. P.M.P.*

EXAMINED: *James J. Rasmussen*
APPROVED: *James J. Rasmussen*

September 5, 1989



PROFILE GRADE
F.A.I. Rte. 80

FILE NAME:	USER NAME = bdecreane	DESIGNED - DJD	REVISED -
V:\3369\CADD Sheets\0264878_sht_exist_structure-5.dgn		DRAWN - RMD	REVISED -
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PLOT DATE = 3/17/2015		DATE - 12/10/2014	REVISED -

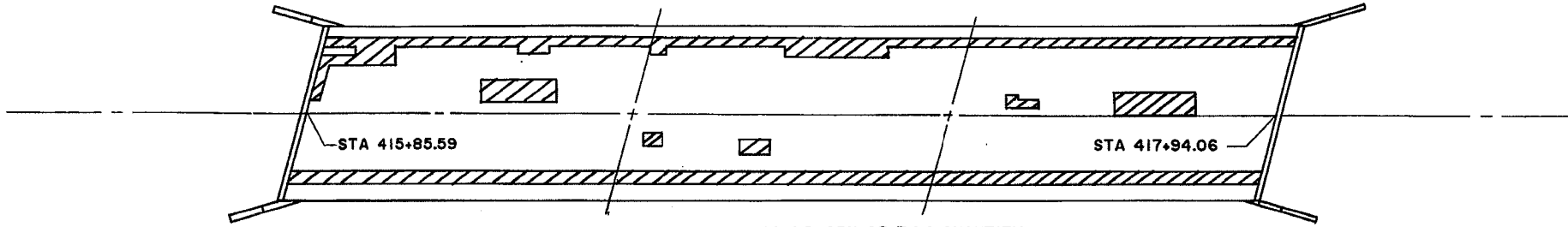
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

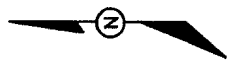
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1BY-1	HENRY	147	40
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 4
14 SHEETS

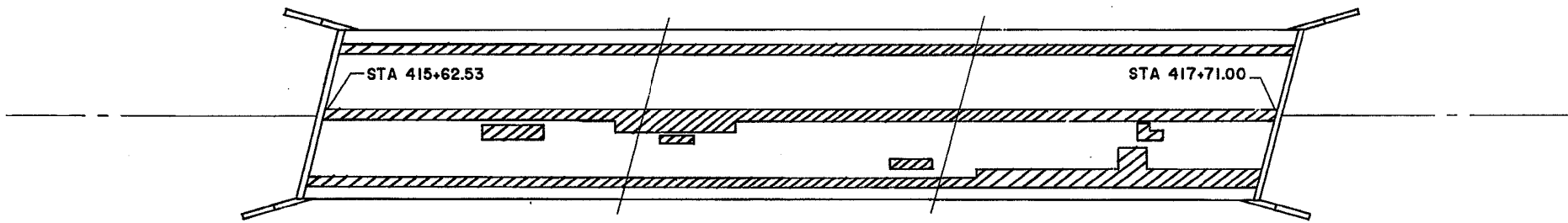
BRIDGE NO. 037-0026(N.B.)



NOTE: DECK SLAB REPAIR (PARTIAL) INDICATED IS 120 SQ. YD. 25% OF THIS QUANTITY IS THE ESTIMATED AMOUNT REMAINING AFTER BRIDGE DECK SCARIFICATION.



BRIDGE NO. 037-0025(S.B.)



NOTE: DECK SLAB REPAIR (PARTIAL) INDICATED IS 162 SQ. YD. 25% OF THIS QUANTITY IS THE ESTIMATED AMOUNT REMAINING AFTER BRIDGE DECK SCARIFICATION.

LEGEND: DECK SLAB REPAIR (PARTIAL)

BRIDGES SURVEYED 1-89

DECK SLAB REPAIR (PARTIAL)

LOCATION	SQ. YD.
NB BRIDGE	30
SB BRIDGE	40.5
	<u>70.5</u>

DESIGNED <i>Patrick M. Stone</i>	EXAMINED <i>Sraj D. Kapan</i>	DATE <i>Sept 5 1989</i>
CHECKED <i>Rita Williams</i>	PASSED <i>Jamie T. Sullivan</i>	
DRAWN <i>P.M.P.</i>	APPROVED _____	
CHECKED <i>P.M.P. R.W.</i>	DIRECTOR OF HIGHWAYS	

DECK SLAB REPAIRS
F.A.I. RT. 80 SEC. 37-1BY-1
HENRY COUNTY
STA. 416+78.30

FOR INFORMATION ONLY

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PLOT DATE = 3/17/2015		CHECKED - DJD	REVISED -
		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

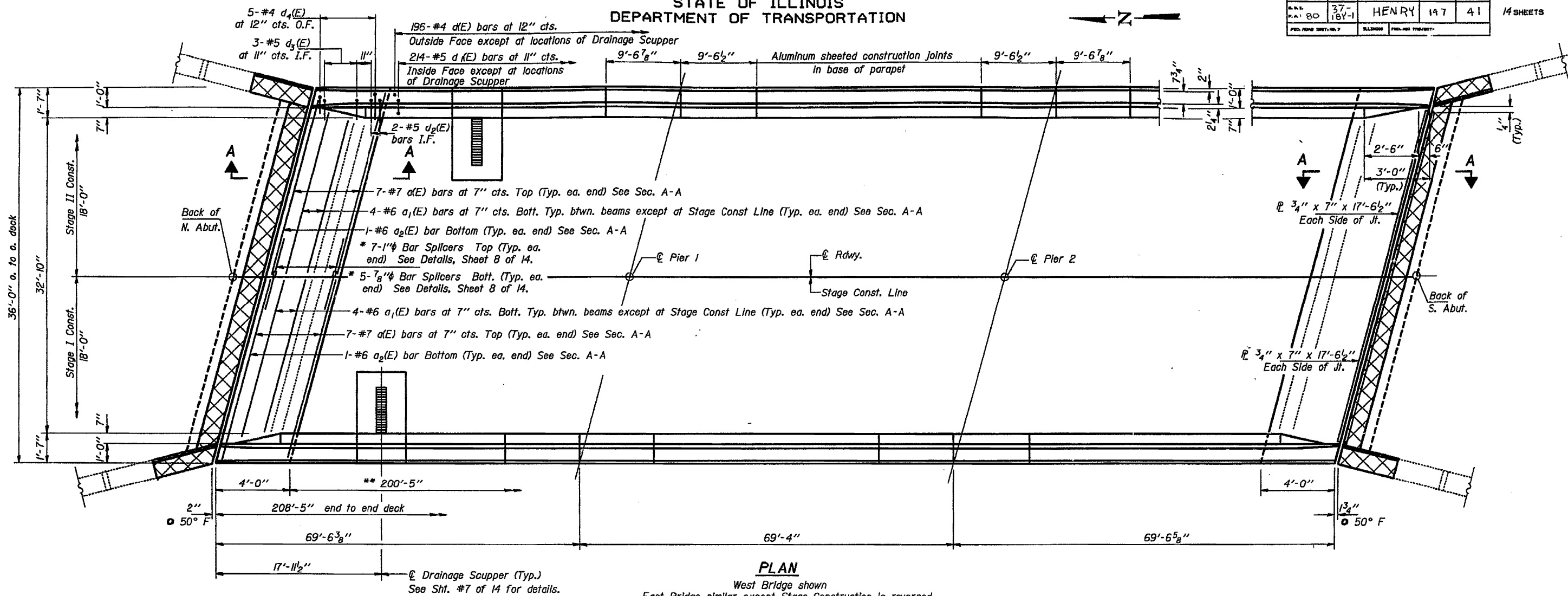
EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	318
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

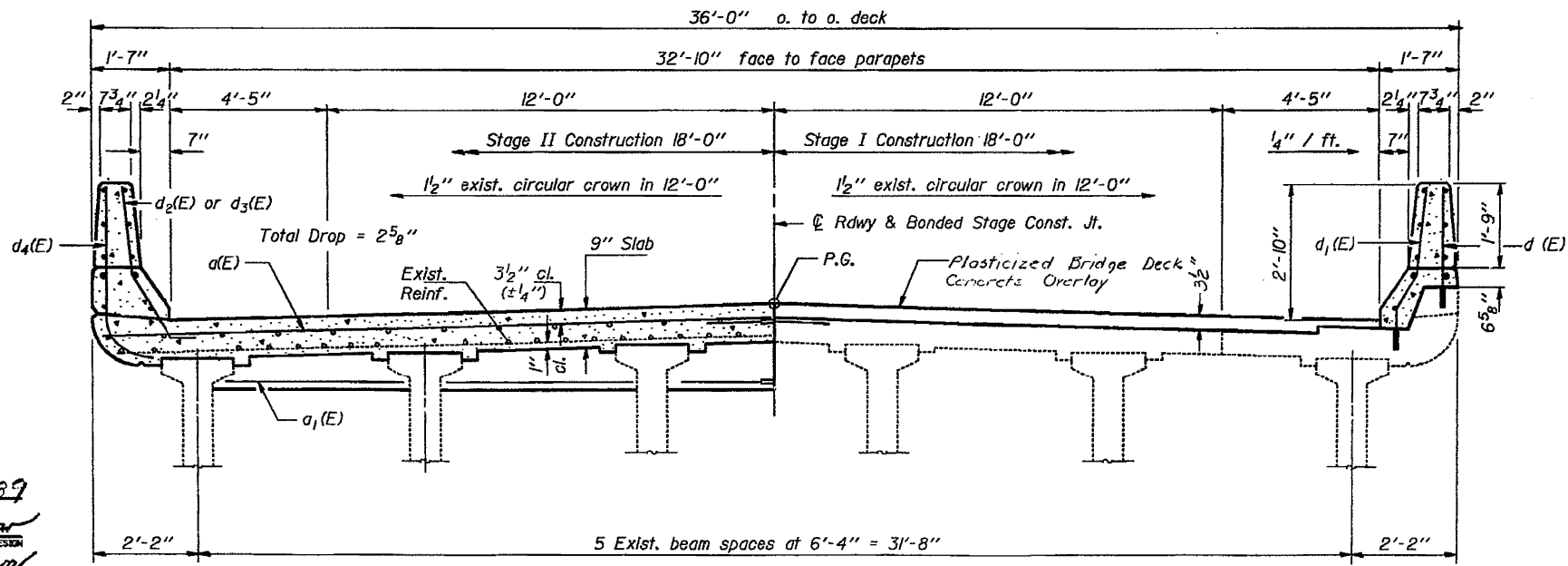
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F.A.I. 80	37-1BY-1	HENRY	147	41	14 SHEETS
PROJECT DIST. NO.	ILLINOIS	FED. AID PROJECT			



PLAN
West Bridge shown
East Bridge similar except Stage Construction is reversed.

* Bar Splicers lapped with $a_1(E)$ and $a_2(E)$ bars shall be tied with double the number of ties normally used.
** Limits of "Concrete Removal (Special)", except at locations of Drainage Scupper.

Notes: See Sheets 6 & 7 of 14 for Superstructure Details, Section A-A, and Bill of Material.
Reinforcement bars designated (E) shall be epoxy coated.
For Bar Splicer Details, see Sheet 8 of 14.
The Contractor shall take care not to damage the existing longitudinal reinforcement during "Concrete Removal".
Existing longitudinal reinforcement in the deck and the remaining portion of the Safety Walk shall be cleaned, straightened, and incorporated into the new construction. Cost incidental to "Concrete Removal".
Cross-hatched area is to be poured after Superstructure forms have been removed. Quantity shall be billed as "Class X Concrete Superstructure".



CROSS SECTION
(Looking South, West Bridge,
Looking North, East Bridge)

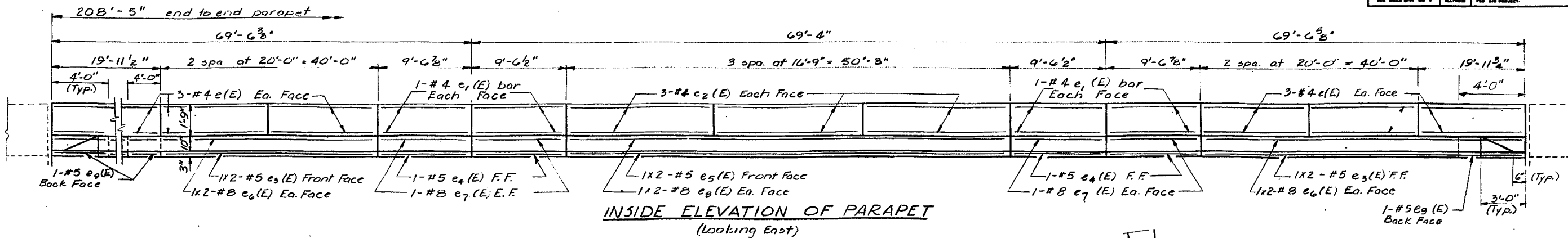
DESIGNED Patrick M. Stone
CHECKED Rita Williams
DRAWN Rita Williams
CHECKED PMP R.W.
S-1-0 12-1-83

EXAMINED Craig O. Kaspar
PASSED James J. Ryburn
APPROVED
DIRECTOR OF HIGHWAYS

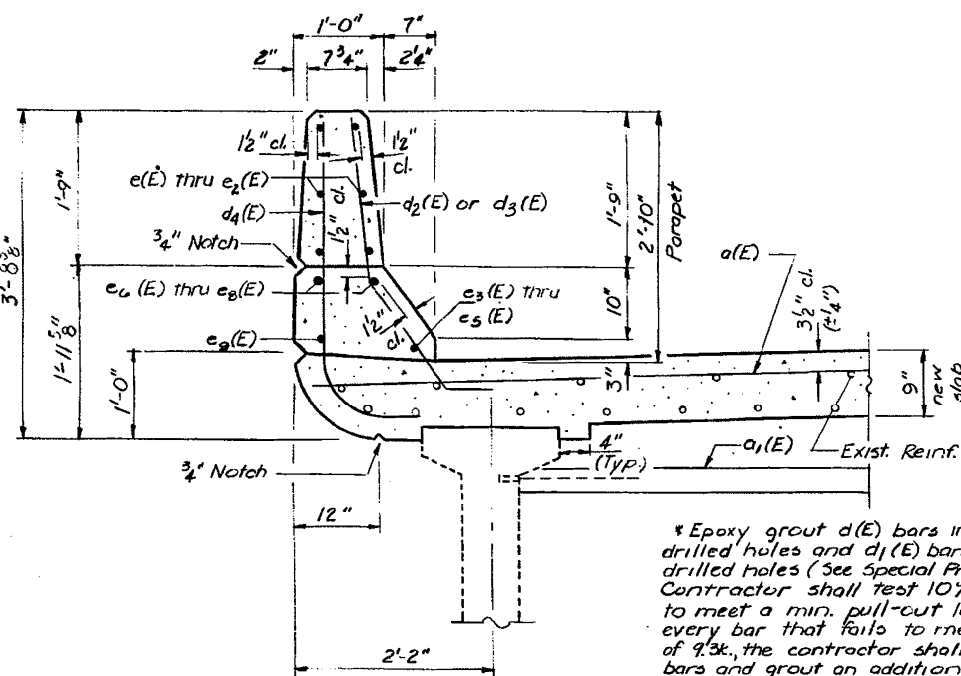
SUPERSTRUCTURES
F.A.I. RT. 80 SEC. 37-1BY-1
HENRY COUNTY
STA. 416+78.30

FOR INFORMATION ONLY

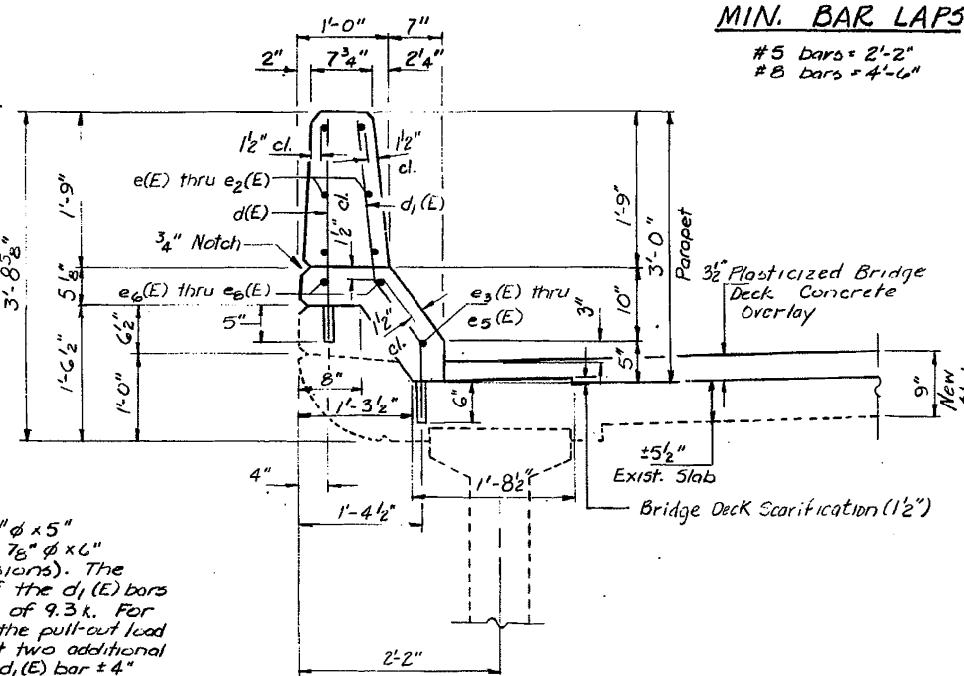
FILE NAME = V:\3369\CADD Sheets\0264878_sht_exist-structure-5.dgn	USER NAME = bdecreane	DESIGNED - DJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS S.N. 037-0025 / 0026	F.A.I. RT. 80	SECTION *	COUNTY HENRY	TOTAL SHEETS 430	SHEET NO. 319
PLOT SCALE = 2.000000' / in.	PLOT DATE = 3/17/2015	DRAWN - RMD	REVISED -	CHECKED - DJD	REVISED -	* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
		CHECKED - DJD	REVISED -	DATE - 12/10/2014	REVISED -	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



INSIDE ELEVATION OF PARAPET
(Looking East)



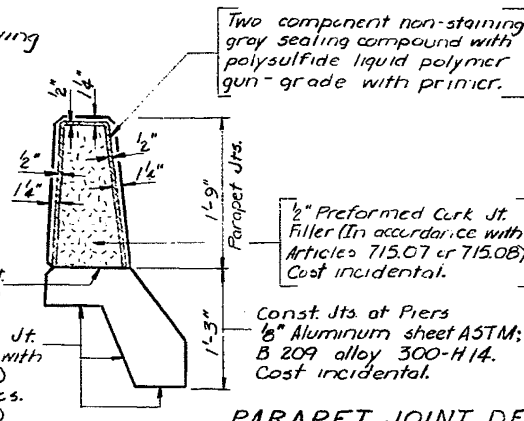
SECTION THRU PARAPET
At end of deck



SECTION THRU PARAPET
(At Midspan)

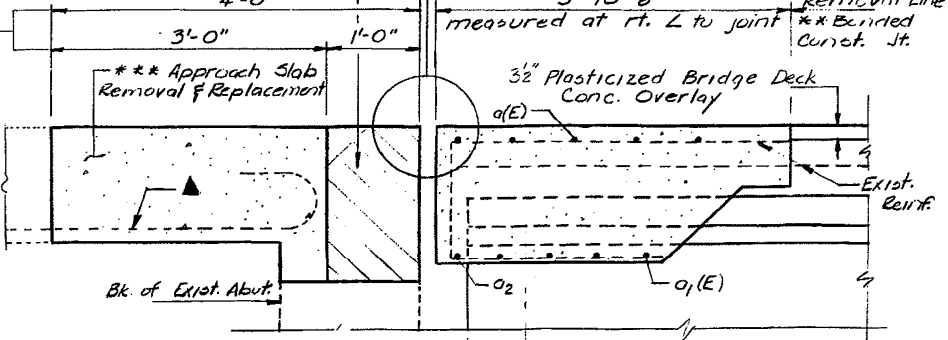
*Epoxy grout d(E) bars in 3/4" x 5" drilled holes and d1(E) bars in 7/8" x 6" drilled holes (See Special Provisions). The Contractor shall test 10% of the d1(E) bars to meet a min. pull-out load of 9.3k. For every bar that fails to meet the pull-out load of 9.3k, the contractor shall test two additional bars and grout an additional d1(E) bar ± 4" either side of the failed bar. Cost of testing and additional bars shall be incidental to "Reinforcement Bars Epoxy Coated."

*** "Approach Slab Removal and Replacement" shall consist of removing 3'-0" of the existing approach pavement. Care shall be taken by the contractor not to damage the existing reinforcement. The Contractor shall replace the removed approach pavement with 3'-0" x 24'-9 3/4" of Portland Cement Concrete and shall incorporate the existing reinforcement. Payment shall be in Sp. Yd. of the plan area of approach pavement placed.



PARAPET JOINT DETAILS

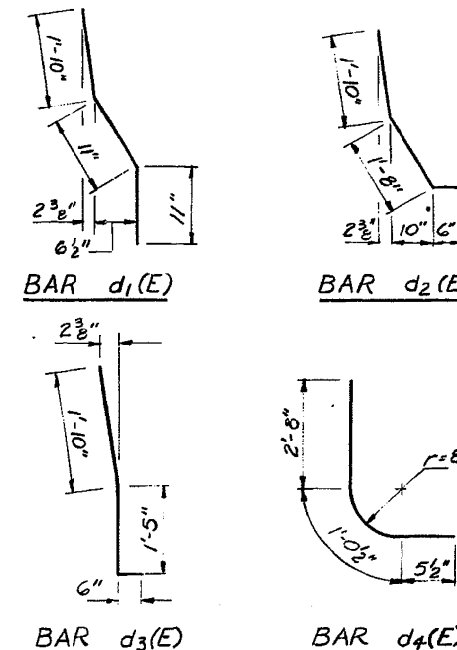
Crosshatched area to be poured after superstructure forms have been removed. Quantity of Class X Concrete included with superstructure.



SECTION A-A

** Bonded Const. Jt. in accordance with Article 504.13 (a)(2) of the Std. Specs.

MIN. BAR LAPS
#5 bars = 2'-2"
#8 bars = 4'-6"



TWO SUPERSTRUCTURES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	56	#7	18'-3"	
a1(E)	64	#6	5'-9"	
a2(E)	2	#6	18'-3"	
a3(E)	32	#5	2'-0"	
d(E)	784	#4	2'-7"	
d1(E)	856	#5	3'-8"	
d2(E)	36	#5	4'-0"	
d3(E)	24	#5	3'-9"	
d4(E)	60	#4	4'-2"	
e(E)	144	#4	19'-9"	
e1(E)	96	#4	9'-4"	
e2(E)	72	#4	16'-0"	
e3(E)	16	#5	31'-0"	
e4(E)	16	#5	9'-3"	
e5(E)	8	#5	26'-1"	
e6(E)	32	#8	32'-2"	
e7(E)	16	#8	9'-3"	
e8(E)	16	#8	27'-3"	
e9(E)	12	#5	3'-9"	

Reinforcement Bars Epoxy Coated	Lbs.	16,500
Class X Concrete Superstructures	Cu. Yd.	122.5

Reinforcement bars designated (E) shall be epoxy coated. Bars indicated thus 1x2-#5 etc. indicates 1 line of bars with 2 lengths per line. Existing reinforcement extending into the removal area shall be cleaned, straightened, & incorporated into new construction.

SUPERSTRUCTURE DETAILS
F.A.I. RT. 80 SEC. 37-1B1-1
HENRY COUNTY
STA. 416+78.30

FOR INFORMATION ONLY

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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	12/10/2014	RMD	
PLOT DATE = 3/17/2015		CHECKED -	REVISED -
		DJD	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

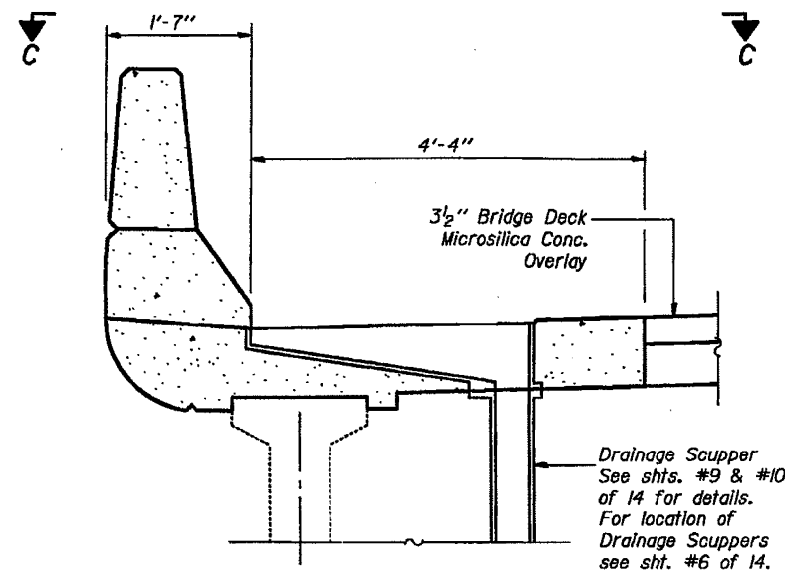
EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

SCALE: N/A SHEET NO. 11 OF 15 SHEETS STA. TO STA.

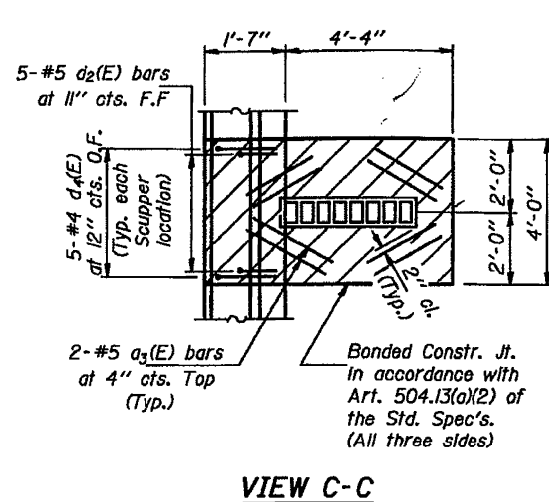
F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	320
* 37-1B1-1, 81-1B1R & 81-1B1R-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO. 7
80	37-1BY-1	HENRY	147	43
F.A.I. RT. 80		SEC. 37-1BY-1		14 SHEETS

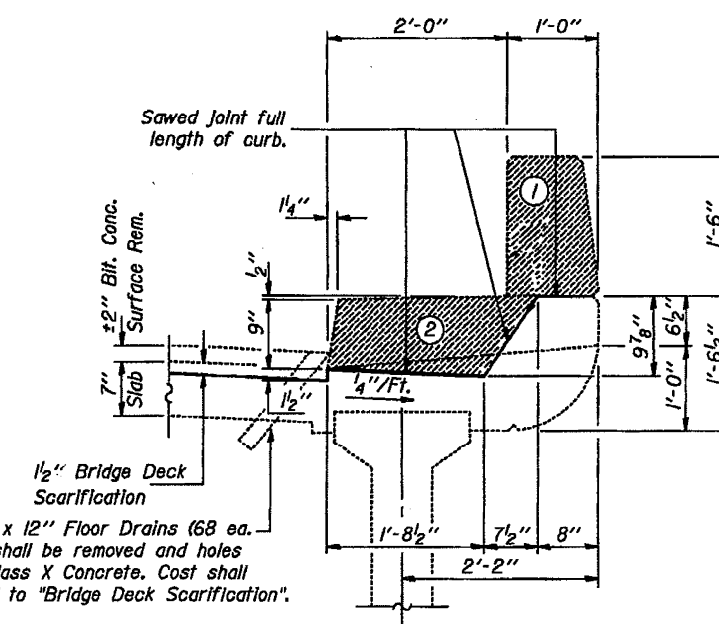


SECTION THRU PARAPET
AT SCUPPER LOCATION



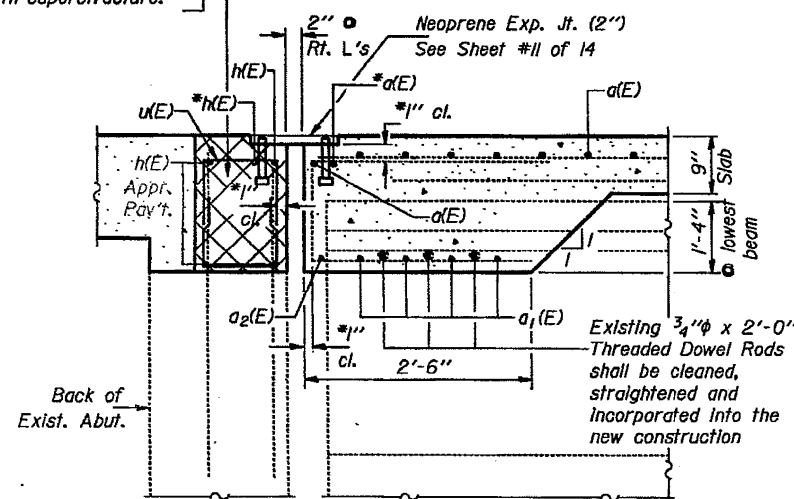
VIEW C-C

Notes:
Cut existing longitudinal reinforcement bars as required to clear Drainage Scupper. Hatched area indicates "Concrete Removal" and replaced with Class X Concrete.
Existing longitudinal and transverse reinforcement in the deck shall be cleaned and incorporated into new construction. DO NOT saw cut existing reinforcement bars in deck while removing existing concrete.



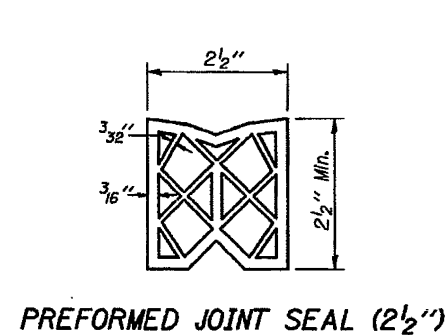
SAFETY WALK & PARAPET REMOVAL DETAILS

Crosshatched area to be poured after superstructure forms have been removed. Quantity of Class X Concrete included with superstructure.

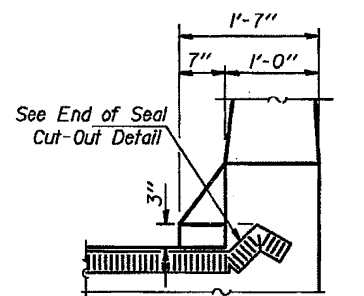


DETAIL A

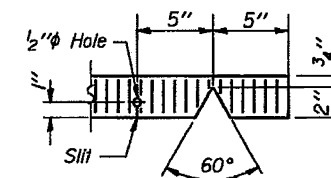
*Place a(E) and h(E) bars in back of anchor bolts as shown if required to maintain 1 inch clearance (+0-1/8 inch). Anchor bolts should be tied to a(E) and h(E) bars.



PREFORMED JOINT SEAL (2 1/2")

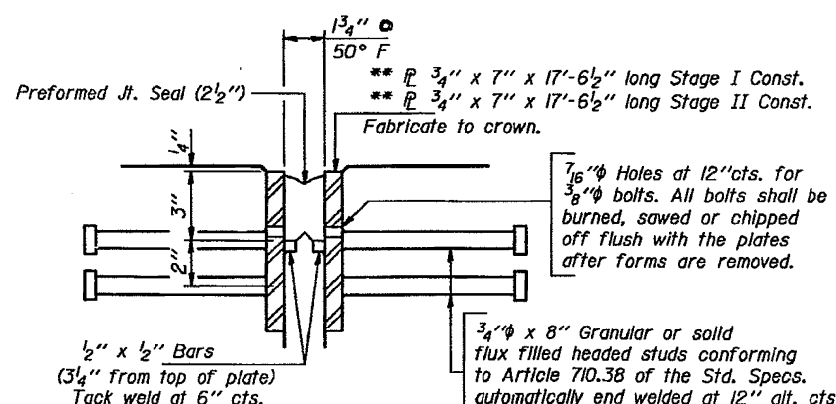


TYPICAL END OF SEAL
TREATMENT



SEAL CUT-OUT

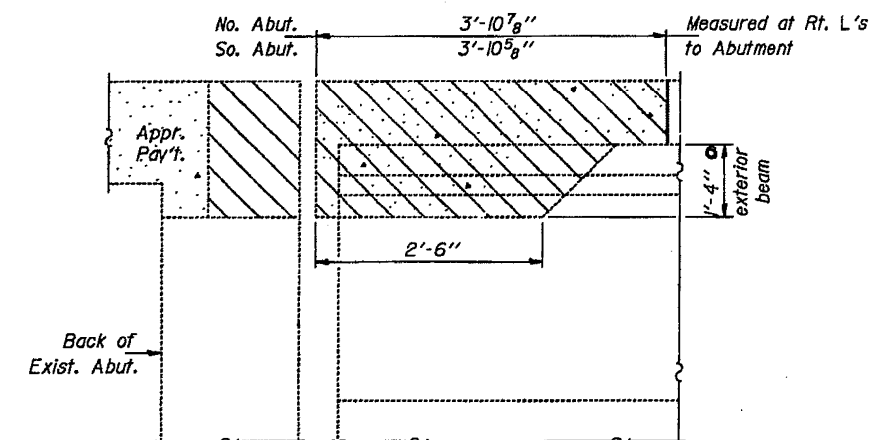
- Parapet & Safety Walk Removal Sequence
- 1 Saw Cut and Remove parapet above safety walk.
 - 2 Saw cut safety walk as shown & remove.



DETAIL B

After fabrication all surfaces of the steel plates shall be given one shop coat of the zinc-silicate and vinyl paint system.

** Furnish in segments of 20 ft. maximum length. Maximum space between installed segments shall be 3/16 inch. Seal space with Silicone Sealant suitable for Structural Steel.



EXPANSION JOINT REMOVAL DETAILS
(Hatched area indicates "Concrete Removal".)

DESIGNED: <i>Rita Williams</i>	EXAMINED: <i>D.J.D.</i>
CHECKED: <i>Rita Williams</i>	PASSED: <i>D.J.D.</i>
DRAWN: <i>Rita Williams</i>	APPROVED: <i>D.J.D.</i>
CHECKED: <i>PMP R.W.</i>	

Sept 5 1989

SUPERSTRUCTURE DETAILS
F.A.I. RT. 80 SEC. 37-1BY-1
HENRY COUNTY
STA. 416+78.30

FOR INFORMATION ONLY

FILE NAME =	USER NAME = bdecaene	DESIGNED - DJD	REVISED -
V:\3369\CADD Sheets\0264878_sht_exist-structure-5.dgn		DRAWN - RMD	REVISED -
PLOT SCALE = 2.000000 / in.		CHECKED - DJD	REVISED -
PLOT DATE = 3/17/2015		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

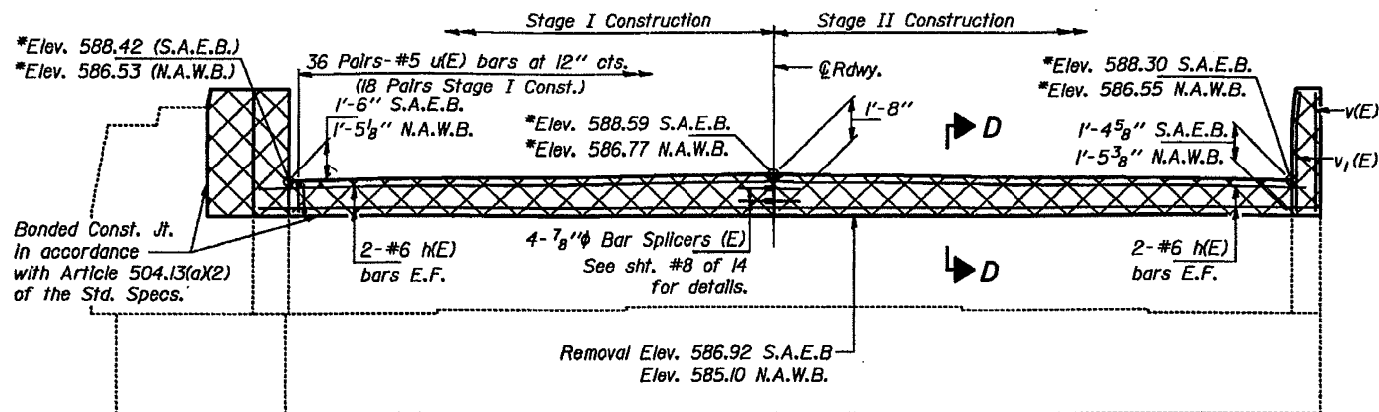
SCALE: N/A SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	321
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

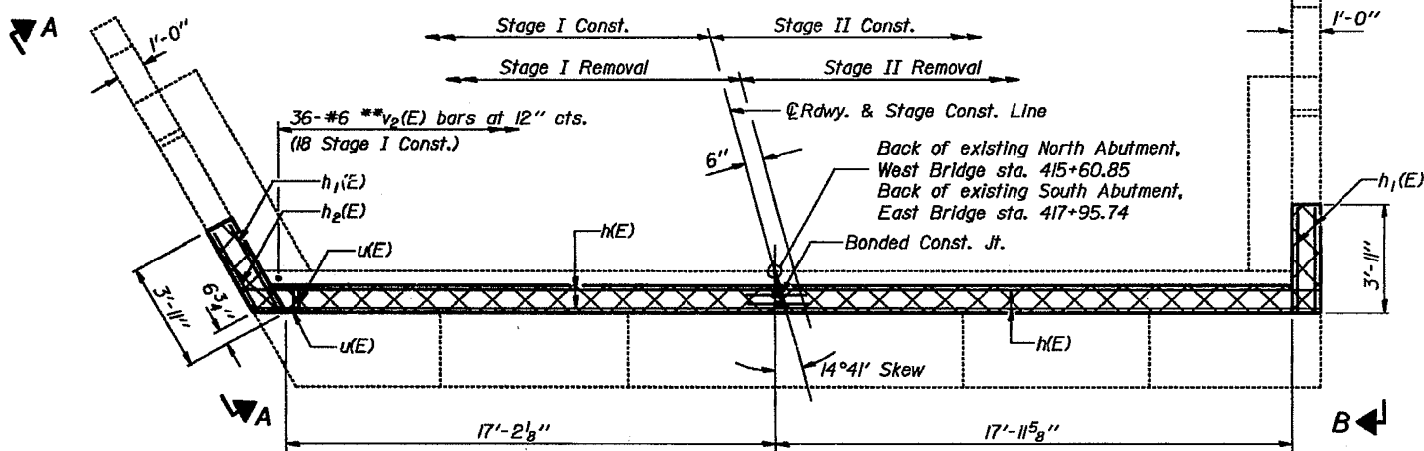
ROUTE NO.	SECTION	COUNTY	SHEETS	"SET"	SHEET NO. 12
80	37-1BY-1	HENRY	147	43	14 SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

*Elevations taken at Front Face of back wall.

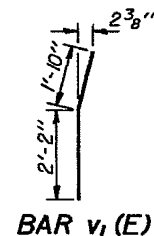
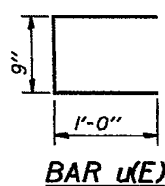


ELEVATION

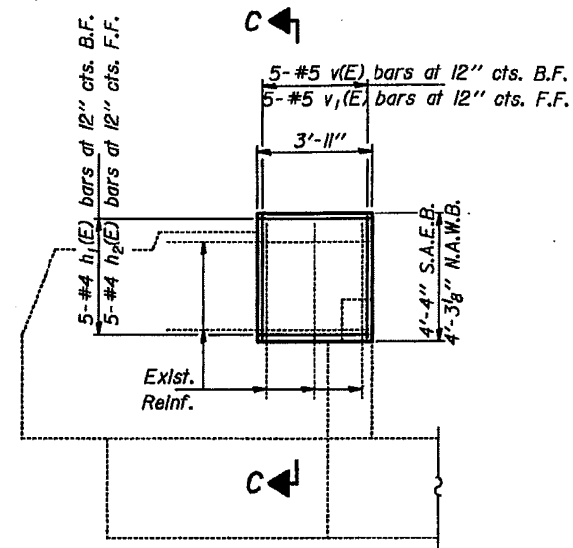
**Epoxy grout #6 v₂(E) bars in 1" x 9" min. drilled holes. See Spec. Provisions.



PLAN

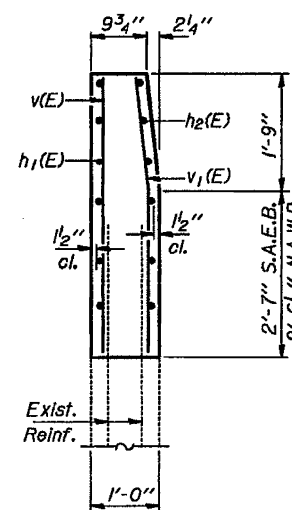


Notes: Existing reinforcement extending into new construction shall be cleaned, straightened and incorporated into new construction. Cost is incidental to Concrete Removal. The cost of any excavation required for the work on the wingwalls shall be incidental to Class X Concrete. Cross hatched area to be poured after superstructure forms have been removed. Form top surface to match with the superstructure. S.A.E.B. denotes South Abutment, East Bridge. N.A.W.B. denotes North Abutment, West Bridge.

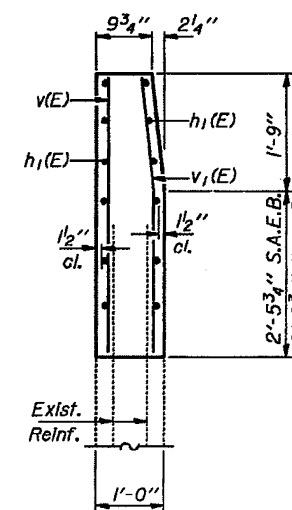


VIEW A-A

VIEW B-B



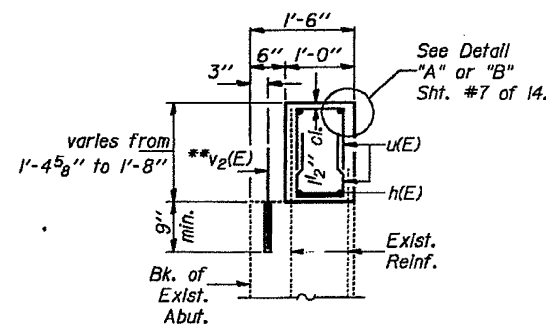
SEC. C-C



SEC. E-E

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h(E)	16	#6	18'-3"	—	
h ₁ (E)	30	#4	3'-8"	—	
h ₂ (E)	10	#4	3'-1"	—	
u(E)	144	#5	2'-9"	⊓	
v(E)	20	#5	4'-0"	—	
v ₁ (E)	20	#5	4'-0"	—	
v ₂ (E)	72	#6	2'-0"	—	
Concrete Removal				Cu. Yd.	6.5
Reinforcement Bars (Epoxy Coated)				Pound	1,330



SEC. D-D

SOUTH ABUTMENT, EAST BRIDGE
NORTH ABUTMENT, WEST BRIDGE
F.A.I. RT. 80 SEC.37-1BY-1
HENRY COUNTY
STA. 416+78.30

FOR INFORMATION ONLY

DESIGNED: *Rita Williams*
CHECKED: *Rita Williams*
DRAWN: *Rita Williams*
CHECKED: *R.M.P. R.W.*
EXAMINED: *James J. Kasper*
PASSED: *James J. Kasper*
APPROVED: *James J. Kasper*

FILE NAME: V:\3369\CADD Sheets\0264878_sht_exist-structure-5.dgn	USER NAME: bdecreane	DESIGNED: DJD	REVISED: -
PLOT SCALE: 2.000000' / in.	DATE: 12/10/2014	DRAWN: RMD	REVISED: -
PLOT DATE: 3/17/2015		CHECKED: DJD	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

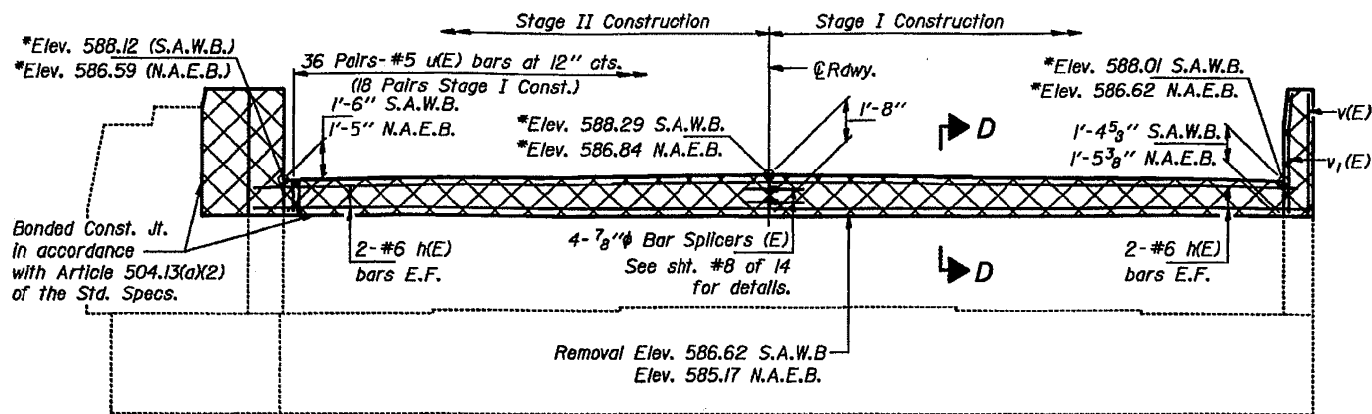
SCALE: N/A SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION *	COUNTY HENRY	TOTAL SHEETS 430	SHEET NO. 322
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

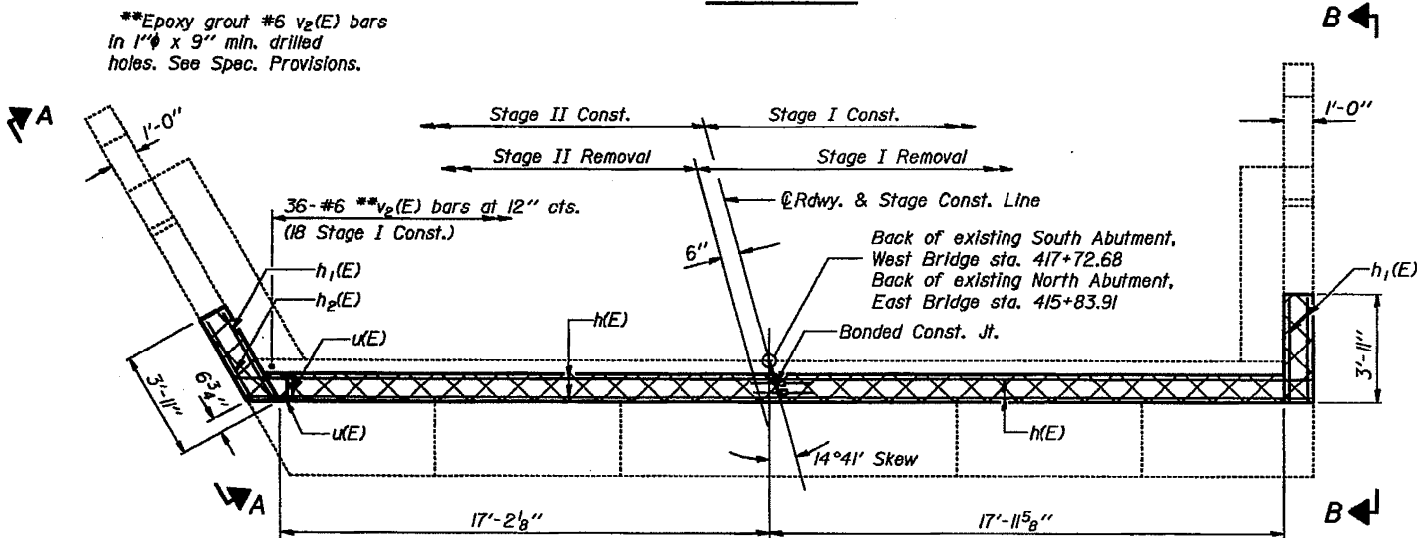
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
F.A.I. 80	37-1BY-1	HENRY	147	13
TOTAL SHEETS 14 SHEETS				

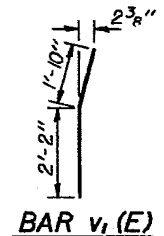
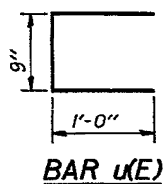
*Elevations taken at Front Face of back wall.



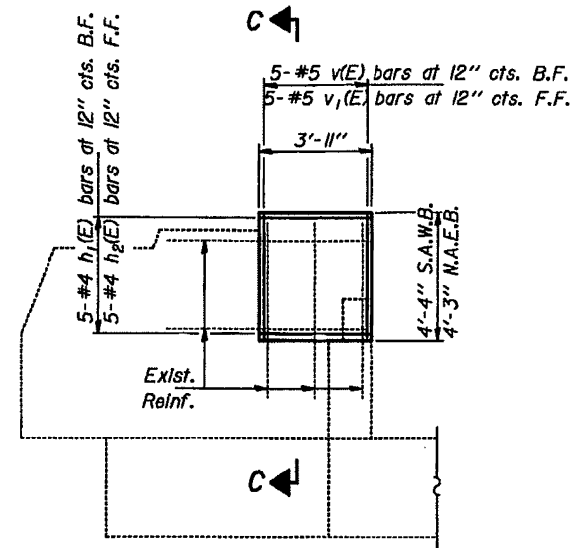
ELEVATION



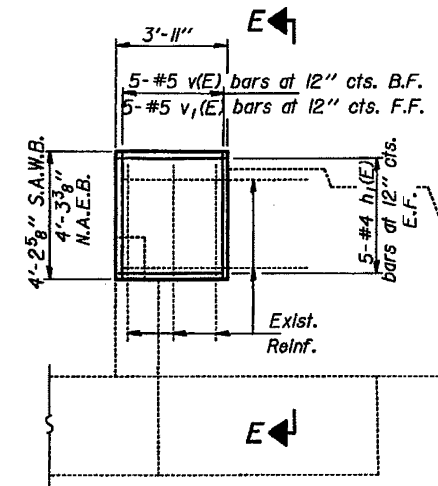
PLAN



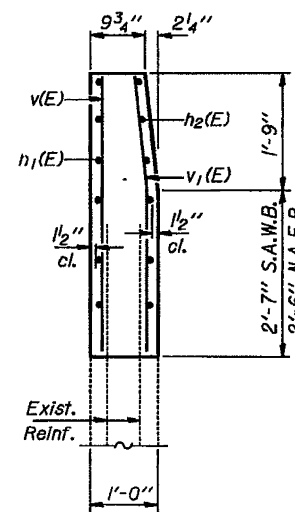
Notes: Existing reinforcement extending into new construction shall be cleaned, straightened and incorporated into new construction. Cost is incidental to Concrete Removal. The cost of any excavation required for the work on the wingwalls shall be incidental to Class X Concrete. Cross hatched area to be poured after superstructure forms have been removed. Form top surface to match with the superstructure. S.A.W.B. denotes South Abutment, West Bridge. N.A.E.B. denotes North Abutment, East Bridge.



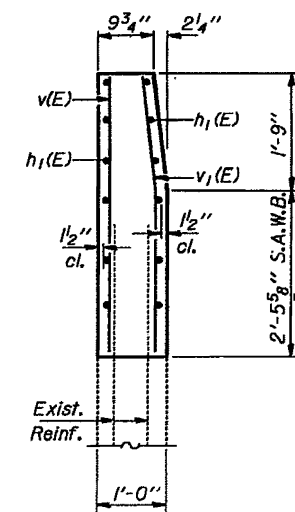
VIEW A-A



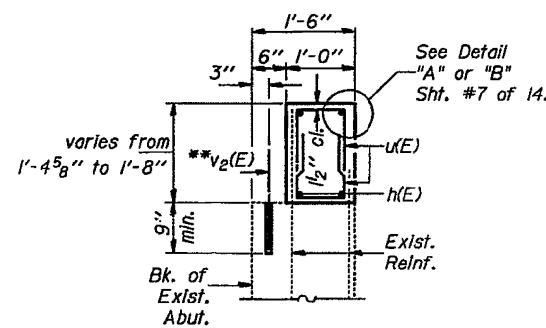
VIEW B-B



SEC. C-C



SEC. E-E



SEC. D-D

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	16	#6	18'-3"	—
h1(E)	30	#4	3'-8"	—
h2(E)	10	#4	3'-1"	—
u(E)	144	#5	2'-9"	□
v(E)	20	#5	4'-0"	—
v1(E)	20	#5	4'-0"	—
v2(E)	72	#6	2'-0"	—
Concrete Removal			Cu. Yd.	6.5
Reinforcement Bars (Epoxy Coated)			Pound	1,330

SOUTH ABUTMENT, WEST BRIDGE
NORTH ABUTMENT, EAST BRIDGE
F.A.I. RT. 80 SEC.37-1BY-1
HENRY COUNTY
STA. 416+78.30

DESIGNED Patrick M. Malone
CHECKED Rita Williams
DRAWN Rita Williams
CHECKED DMP R.W.
EXAMINED Craig P. Kaspar
PASSED James J. Robinson
APPROVED [Signature]
Sept 5 1989

FOR INFORMATION ONLY

FILE NAME -	USER NAME = bdecaene	DESIGNED - DJD	REVISED -
V:\3369\CADD Sheets\0264878_sht_exist-structure-5.dgn		DRAWN - RMD	REVISED -
		CHECKED - DJD	REVISED -
		DATE - 12/10/2014	REVISED -

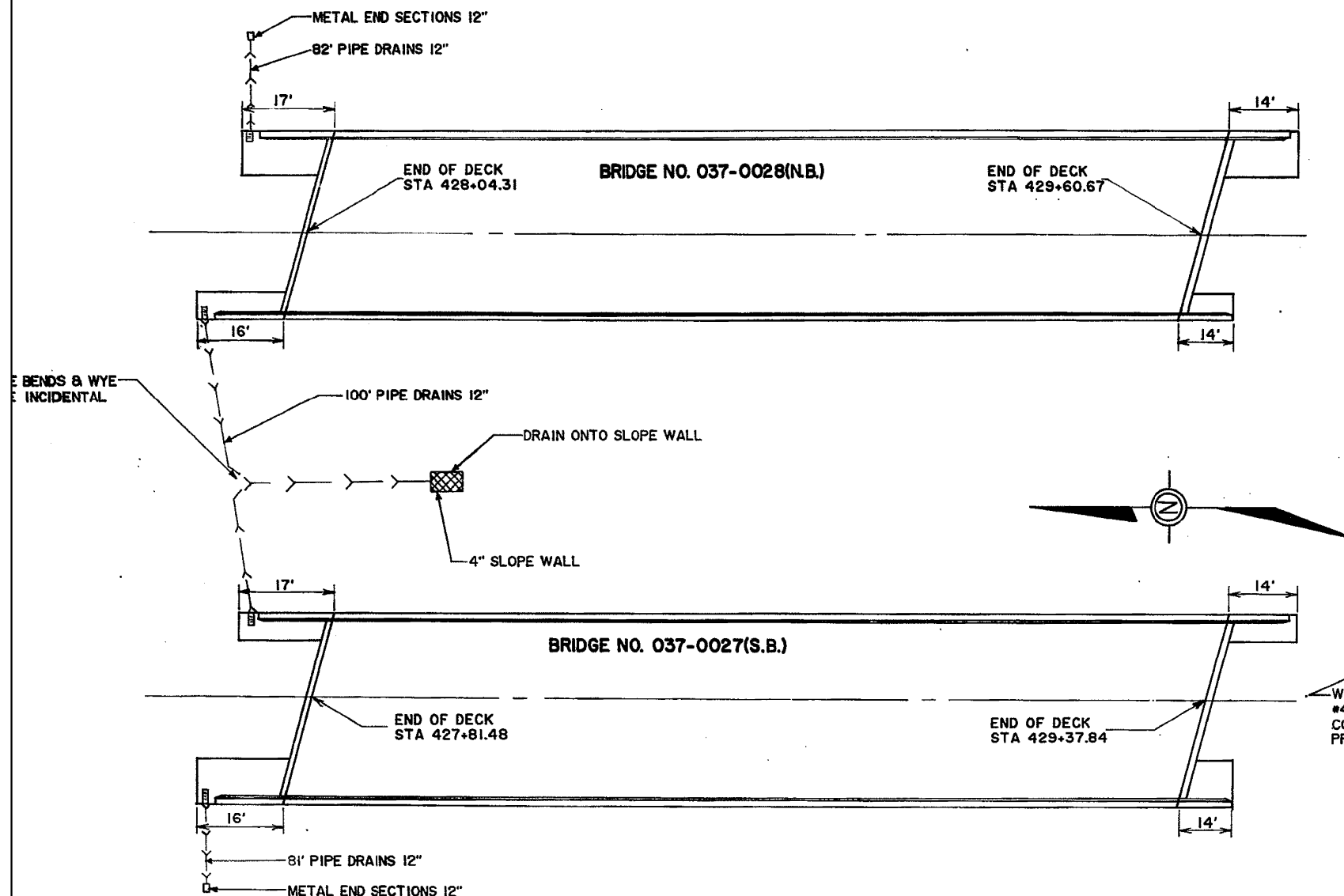
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

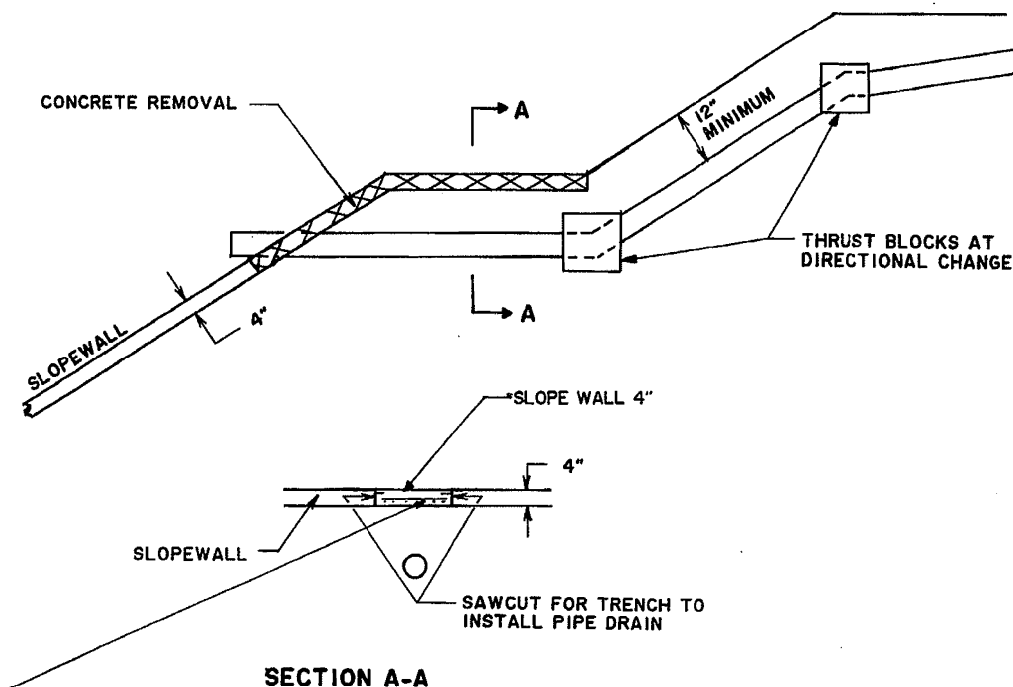
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	323
* 37-1BR-1, 81-1VBR & 81-1HR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ROUTE NO.	BEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-80	37-IVB	HENRY	147	51
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	



DETAIL OF PIPE DRAIN ONTO SLOPEWALL



WELDED WIRE FABRIC 6" BY 6" MESH
#4 WIRES, 58 LBS. PER 100 SQ. FT.
COST INCLUDED IN CONTRACT UNIT
PRICE FOR SLOPE WALL 4"

PC CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT

LOCATION	SQ. YD.
NB BRIDGE NE CORNER	16.6
NB BRIDGE NW CORNER	10.6
NB BRIDGE SE CORNER	17.4
NB BRIDGE SW CORNER	9.0
SB BRIDGE NE CORNER	10.1
SB BRIDGE NW CORNER	18.7
SB BRIDGE SE CORNER	10.2
SB BRIDGE SW CORNER	14.2
	<u>106.8</u>

TYPE C INLET BOX, STANDARD 2324

LOCATION	EACH
NB BRIDGE NE CORNER	1
NB BRIDGE NW CORNER	1
SB BRIDGE NE CORNER	1
SB BRIDGE NW CORNER	1
	<u>4</u>

CONCRETE THRUST BLOCKS

LOCATION	EACH
NB BRIDGE	2
SB BRIDGE	2
	<u>4</u>

METAL END SECTIONS 12"

LOCATION	EACH
NB BRIDGE	1
SB BRIDGE	1
	<u>2</u>

SLOPE WALL REMOVAL

LOCATION	SQ YD
FOR DRAINS IN SLOPEWALL	5

PIPE DRAINS 12"

LOCATION	LIN. FT.
NB BRIDGE NE CORNER DRAIN TO SLOPE WALL	82
SB BRIDGE NW CORNER	100
	<u>181</u>
	263

SLOPE WALL 4"

LOCATION	SQ YD
FOR DRAINS IN SLOPEWALL	5

RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	LIN FT
BR 27 STAGE 2	
424.70 - 428.87	417
BR 28 STAGE 2	
428.54 - 432.71	417
	<u>834</u>

TEMPORARY CONCRETE BARRIER TERMINAL SECTION

LOCATION	EACH
BRIDGE 27	1
BRIDGE 28	1
	<u>2</u>

TEMPORARY CONCRETE BARRIER

LOCATION	LIN FT
BR 27 STAGE 1	
425.79 - 429.89	410
BR 27 STAGE 2	
428.87 - 429.87	100
BR 28 STAGE 1	
427.52 - 431.62	410
BR 28 STAGE 2	
427.54 - 428.54	100
	<u>1020</u>

TRAFFIC CONTROL AND PROTECTION, STANDARD 2316, LOCATION 5

LOCATION	EACH
BRIDGE NO. 037-0027(S.B.)	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 2316, LOCATION 6

LOCATION	EACH
BRIDGE NO. 037-0028(N.B.)	1

FAI ROUTE 80 OVER IOWA INTS. R.R.
FAI ROUTE 80 SECTION 37-IVB
HENRY COUNTY

DISTRICT NO. 2 DIXON

DESIGNED KEN OUDYN

DRAWN RICH GUISE

CHECKED

DATE 6/89

SCALE

FOR INFORMATION ONLY

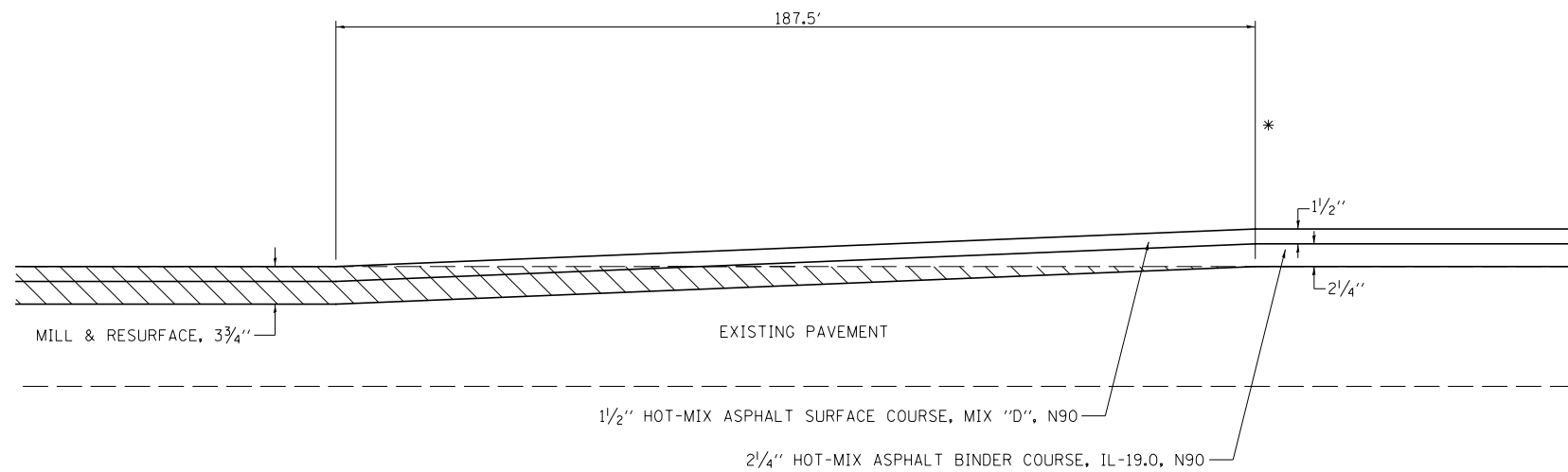
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		CHECKED - DJD	REVISED -
		DATE - 12/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
S.N. 037-0025 / 0026

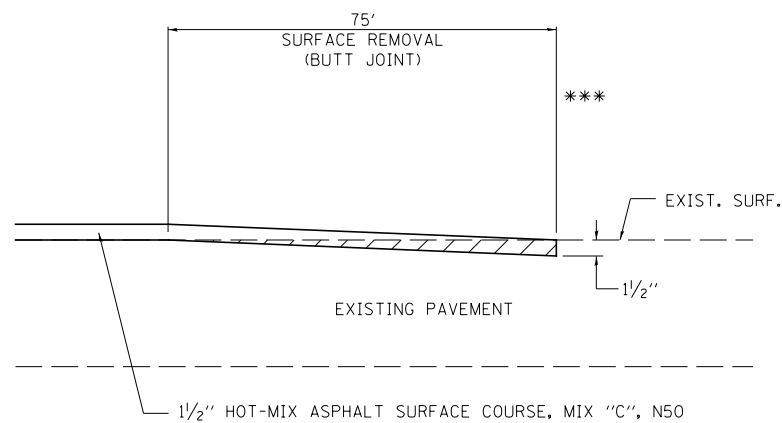
SCALE: N/A SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	324
* 37-IBR-1, 81-IVBR & 81-IHBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



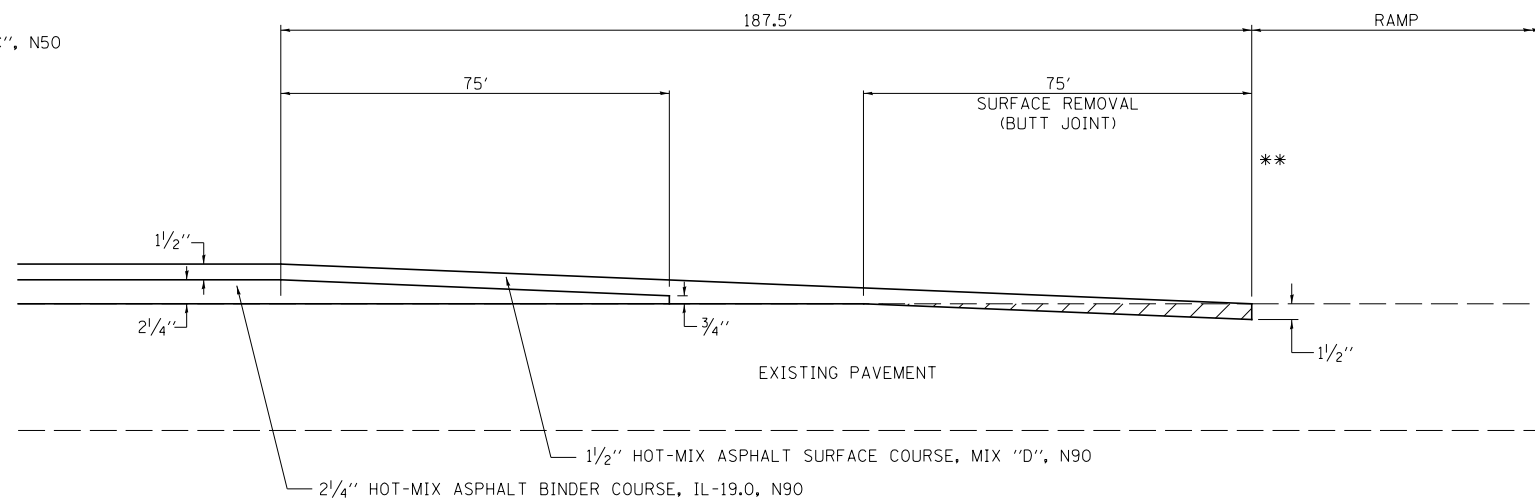
HMA REMOVAL TRANSITION DETAIL

- * STA 189+90 EB
- * STA 189+90 WB
- * STA 199+00 EB
- * STA 209+66 WB
- * STA 225+74 EB
- * STA 236+87 WB



**BUTT JOINT DETAIL
BARSTOW ROAD**

- *** STA 2997+50
- STA 3002+25



**TYPICAL TAPER FOR RESURFACING
AT RAMPS**

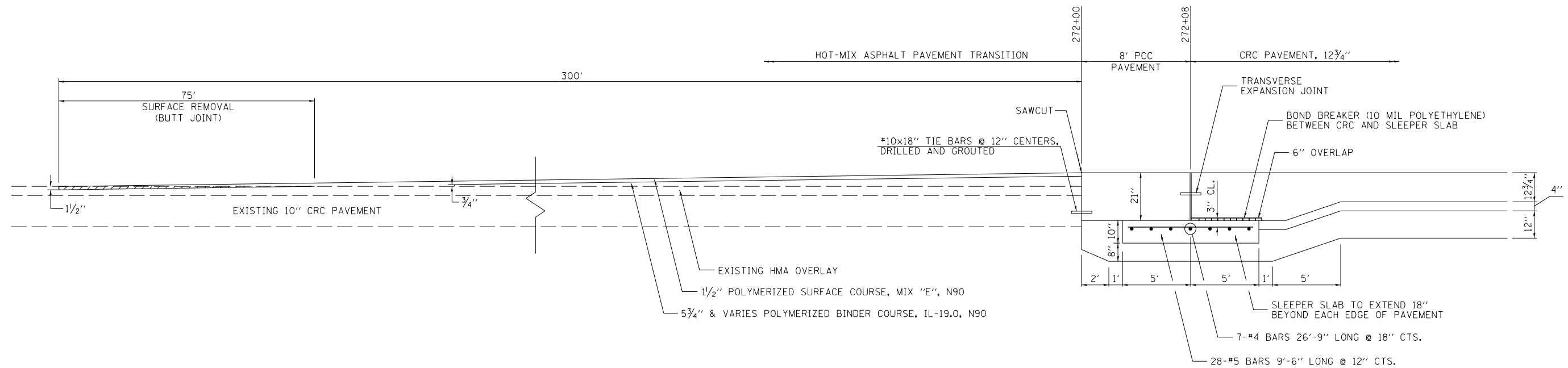
- ** STA 1235+33 NE RAMP #2
- STA 1392+40 SW RAMP #2

FILE NAME =	USER NAME = bdecreene	DESIGNED - DJD	REVISED -
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	PLOT DATE = 3/17/2015	DATE - 12/10/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) DETAILS			
SCALE: N/A	SHEET NO. 1 OF 4 SHEETS	STA. N/A	TO STA. N/A

** ROCK ISLAND / HENRY				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	325
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

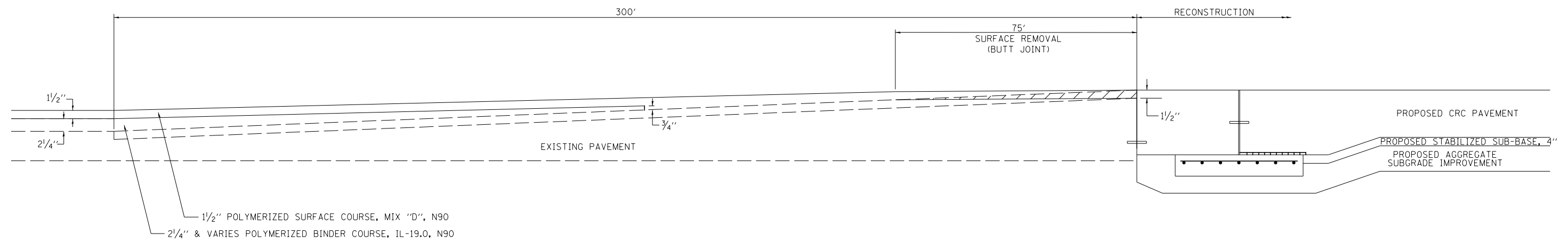


**TEMPORARY TRANSITION BETWEEN EXISTING PAVEMENT AND RECONSTRUCTION
(AT WINTER SHUTDOWN)**

STA 269+00 TO 272+00 EB & WB

TRANSVERSE TERMINAL JOINT COMPLETE

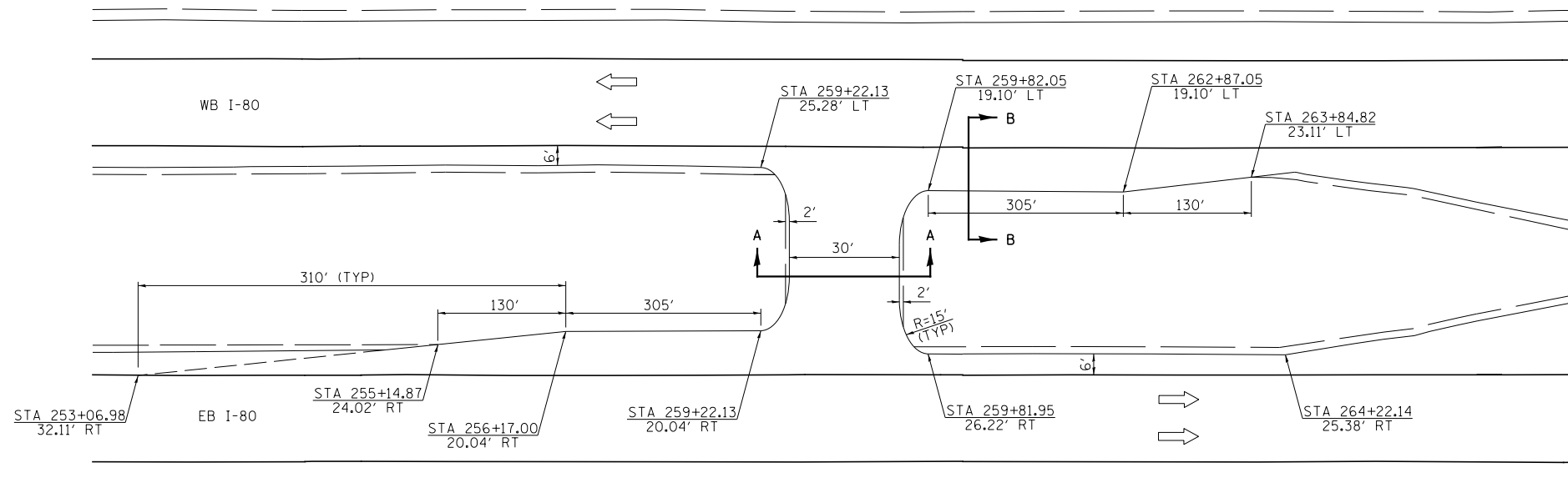
TRANSVERSE TERMINAL JOINT COMPLETE INCLUDES ALL COSTS ASSOCIATED WITH CONSTRUCTION OF THE JOINTS. PAVEMENT REMOVAL, CRC PAVEMENT 12 3/4", STABILIZED SUBBASE, AND AGGREGATE SUBGRADE IMPROVEMENT ARE PAID FOR SEPARATELY.



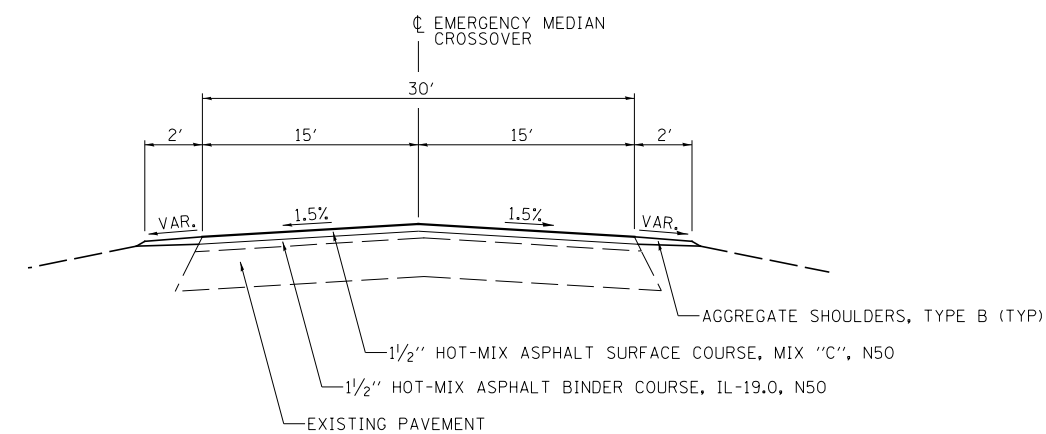
TAPER FOR RESURFACING BETWEEN EXISTING PAVEMENT AND RECONSTRUCTION

STA 269+00 TO 272+00 EB & WB

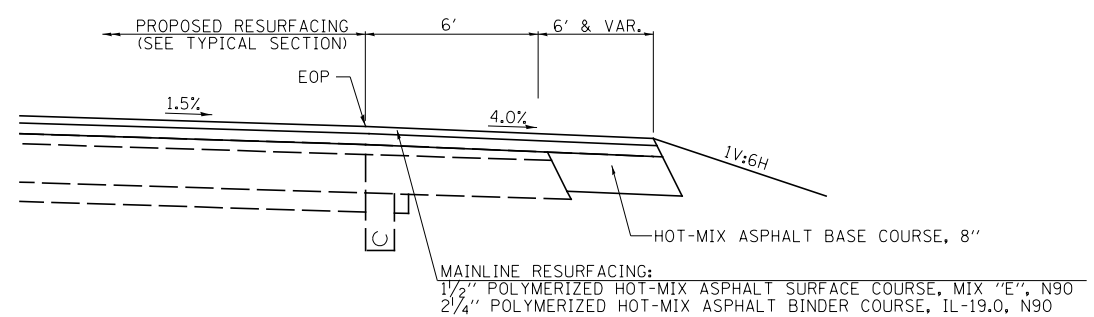
FILE NAME = V:\3369\CADD Sheets\0264878_sht_detail-2.dgn	USER NAME = bdecreane	DESIGNED - DJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 (F.A.I. RTE. 80) DETAILS			F.A.I. RTE. 80	SECTION *	COUNTY **	TOTAL SHEETS 430	SHEET NO. 326
PLOT SCALE = 2.0000' / in.	CHECKED - DJD	REVISIED -	REVISIED -		SCALE: N/A	SHEET NO. 2 OF 4 SHEETS	STA. N/A	TO STA. N/A	** ROCK ISLAND / HENRY			
PLOT DATE = 3/17/2015	DATE - 12/10/2014	REVISIED -	REVISIED -					CONTRACT NO. 64B78				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



PLAN VIEW
(NOT TO SCALE)



SECTION A-A



SECTION B-B

**EMERGENCY MEDIAN CROSSOVER
STA. 259 + 52 (I-80)**

FILE NAME =	USER NAME = bdecreene	DESIGNED - DJD	REVISED -
V:\3369\CADD Sheets\0264878_shtL.detail.dgn		DRAWN - RMD	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - DJD	REVISED -
	PLOT DATE = 3/17/2015	DATE - 12/10/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 (F.A.I. RTE. 80)
DETAILS**

SCALE: N/A	SHEET NO. 3 OF 4 SHEETS	STA. N/A	TO STA. N/A
------------	-------------------------	----------	-------------

** ROCK ISLAND / HENRY			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80	*	**	430
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	SHEET NO.



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF TWO WEEKS PRIOR TO THE START OF THE TRAIL CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = bdecreene	DESIGNED - DJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 (F.A.I. RTE. 80) DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3369\CADD Sheets\0264878_sht_detail.dgn	DRAWN - RMD	REVISED -	80			*	**	430	328	
PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -	* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78				
PLOT DATE = 3/17/2015	DATE - 12/10/2014	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

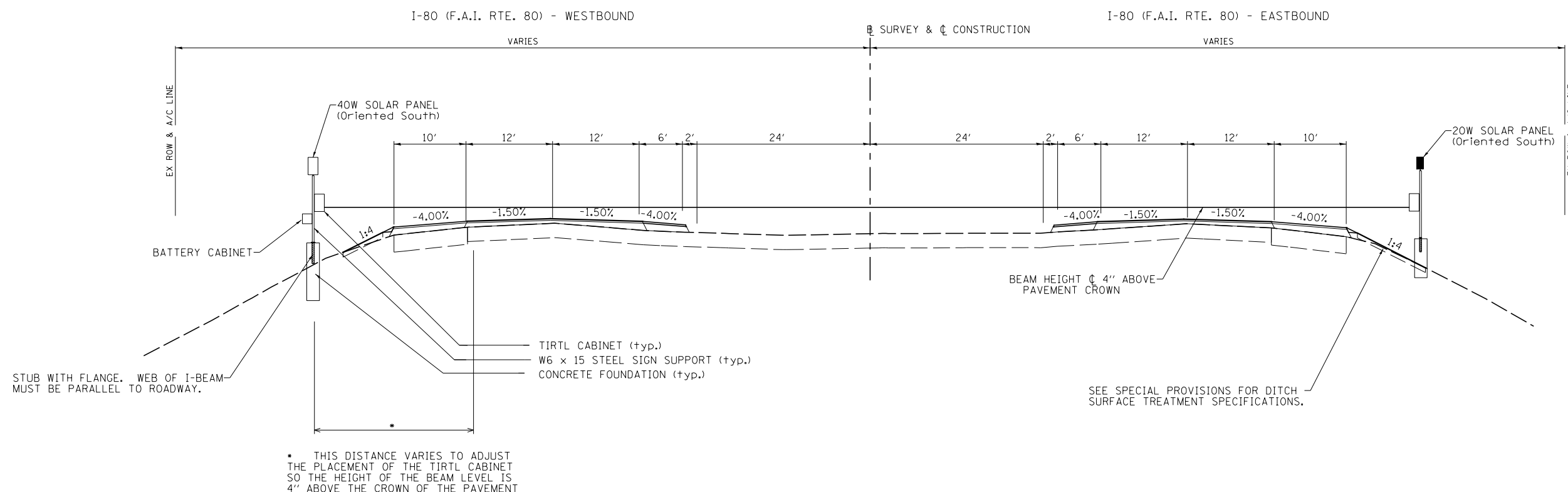
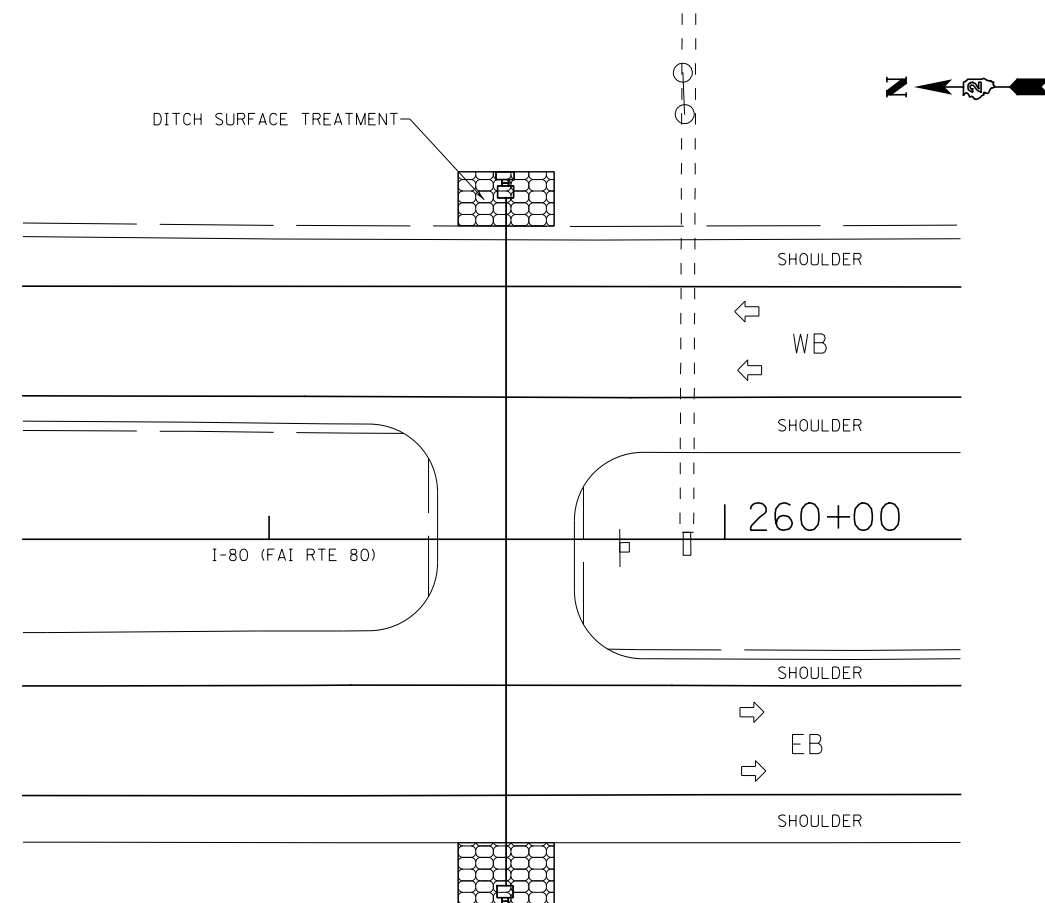
** ROCK ISLAND / HENRY

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. N/A TO STA. N/A

TIRTL TRAFFIC DATA COLLECTION SYSTEM includes		
RAVENXT EVDO Rev A VZW P/N V2221-VD	EACH	1
PHANTOM DUAL BAND ANTENNA P/N RF-ART18305SP/281	EACH	1
TIRTL CABINET 16.5" x 27" x 16"	EACH	2
BATTERY CABINET 16.5" x 16" x 11.5"	EACH	1
SOLAR PANEL 40W, 12v DC	EACH	1
SOLAR PANEL 20W, 12v DC	EACH	1
SOLAR CHARGING REGULATOR, 6 AMP, 12v DC	EACH	2
BATTERY - 33 AH ABSORBED ELECTROLYTE 8" x 5.5" x 7" (DEEP CYCLE)	EACH	1
BATTERY - 80 AH ABSORBED ELECTROLYTE 10" x 6" x 8" (DEEP CYCLE)	EACH	1

NOTES:

1. SYSTEM CONSISTS OF TWO W6x15 I-BEAM SIGN SUPPORTS WITH CONCRETE FOUNDATIONS AND A FLANGE WITH BREAKAWAY BOLTS.
2. THE I-BEAMS ARE 12 FOOT LONG AND DRILLED AS PER THE I-BEAM DETAIL TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS TO BE PLACED PARALLEL TO THE TRAVEL LANES.
4. THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE TRAVEL LANES.
5. TWO POSTS ARE REQUIRED AT THE LOCATIONS PER THE DRAWING.
6. THE CABINETS ARE ATTACHED TO THE I-BEAM USING 8 INCH GALVANIZED J-BOLTS.
7. THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN FOUR (4) INCHES ABOVE THE GROUND AND NO GREATER THAN FOUR (4) INCHES ABOVE BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB (RAMON TAYLOR or RICH MARX, 217.782.2065) SHALL BE NOTICIFIED TWO (2) WEEKS PRIOR TO THE LAYOUT AND SHALL BE PRESENT DURING THE PLACEMENT OF THE POST FOUNDATIONS.



FILE NAME = V:\3369\CADD Sheets\0264878_sht_detail.dgn	USER NAME = bdecreane	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT DATE = 3/17/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC COUNTER
TIRTL TRAFFIC DATA COLLECTION SYSTEM

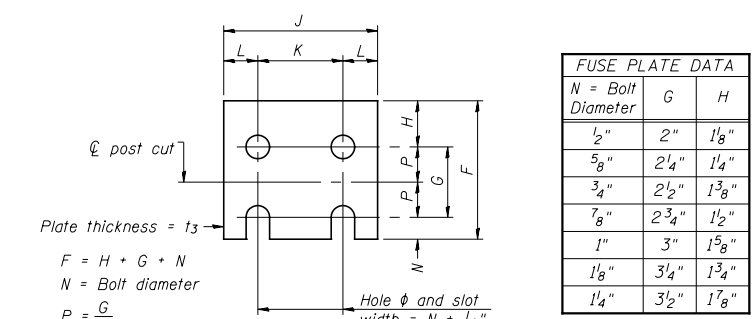
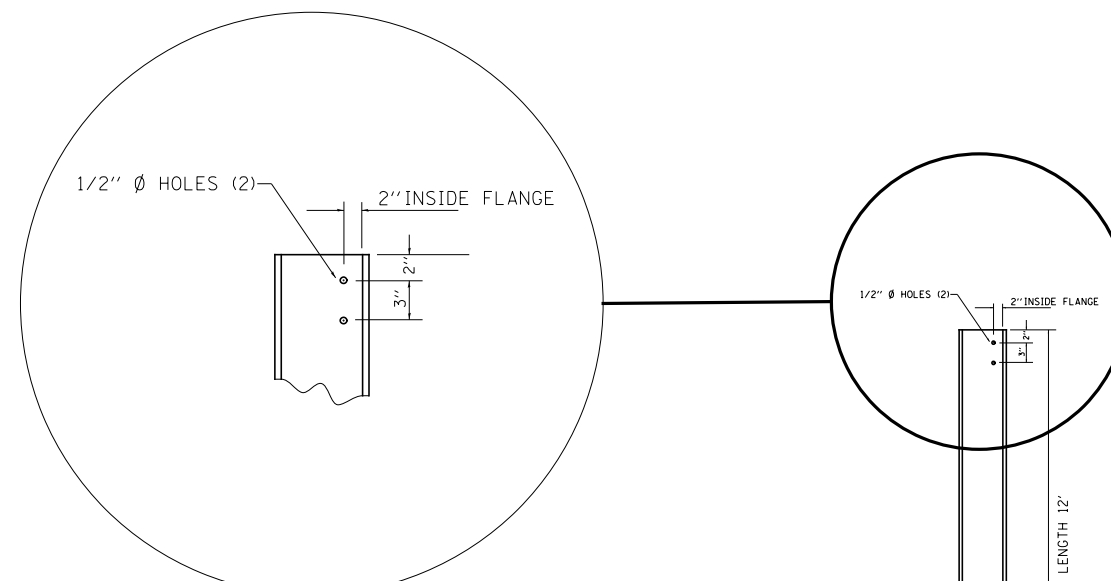
SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	329
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL			
CODE NO.	ITEM	UNIT	QUANTITY
① 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1131
② 73400100	CONCRETE FOUNDATION	CU. YD.	78
X0323388	TRAFFIC COUNTER	EACH	1

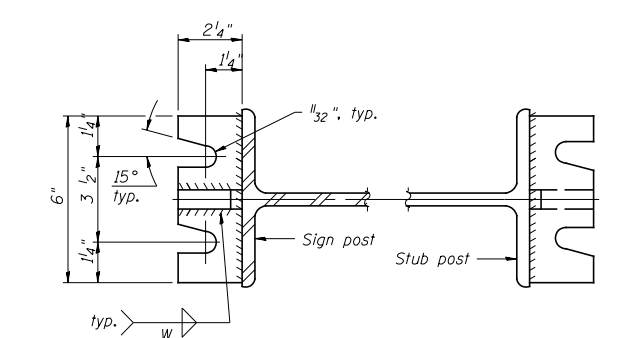
*Dimensional changes required for varying site conditions shall be approved by the Engineer.

- ① Includes reinforcement bars and spiral hooping for one foundation.
- ② Quantity includes all concrete necessary for one foundation.



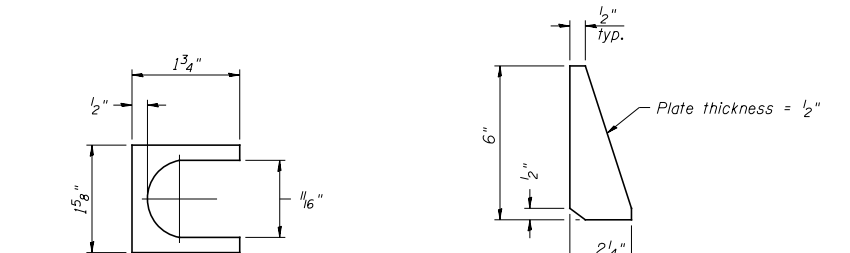
FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"

FUSE PLATE DETAIL
(Install with notches down.)



SECTION A-A

SECTION B-B



SHIM DETAIL

STIFFENER PLATE DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

GENERAL NOTES

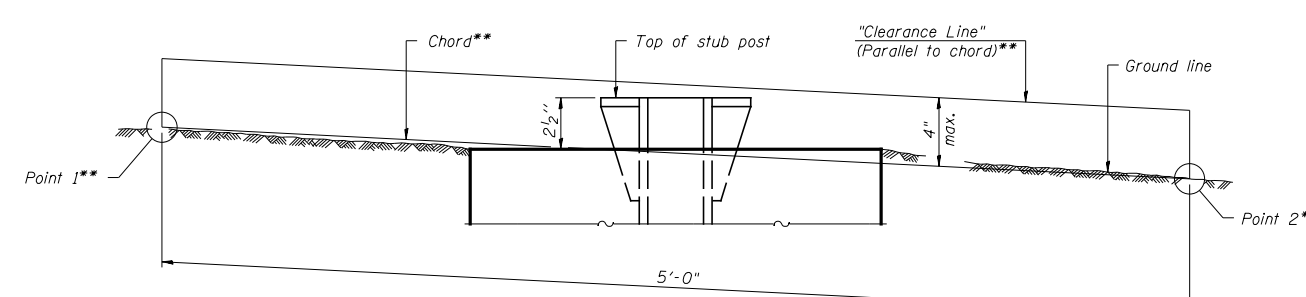
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

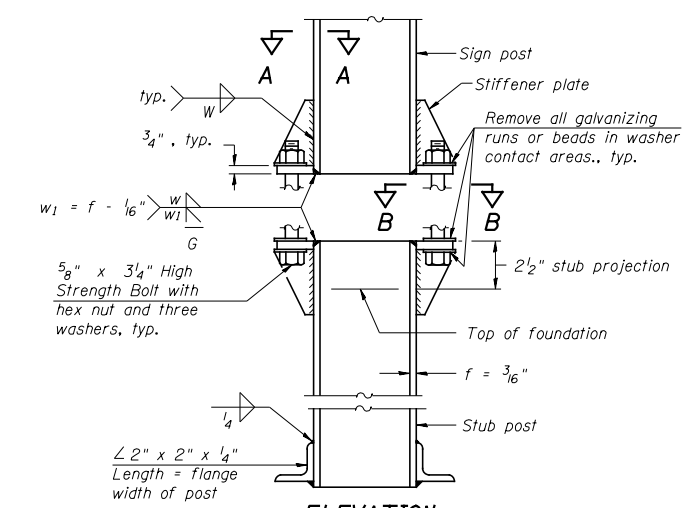
After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

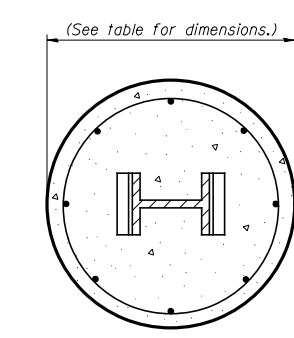


ELEVATION GROUND LINE & STUB POST

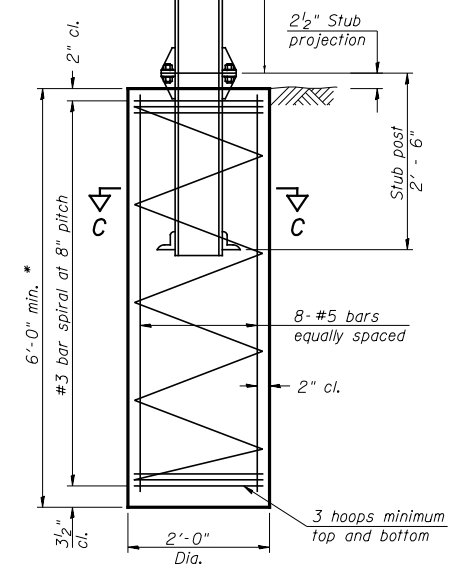
** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.



ELEVATION SIGN POST & STUB POST



SECTION C-C

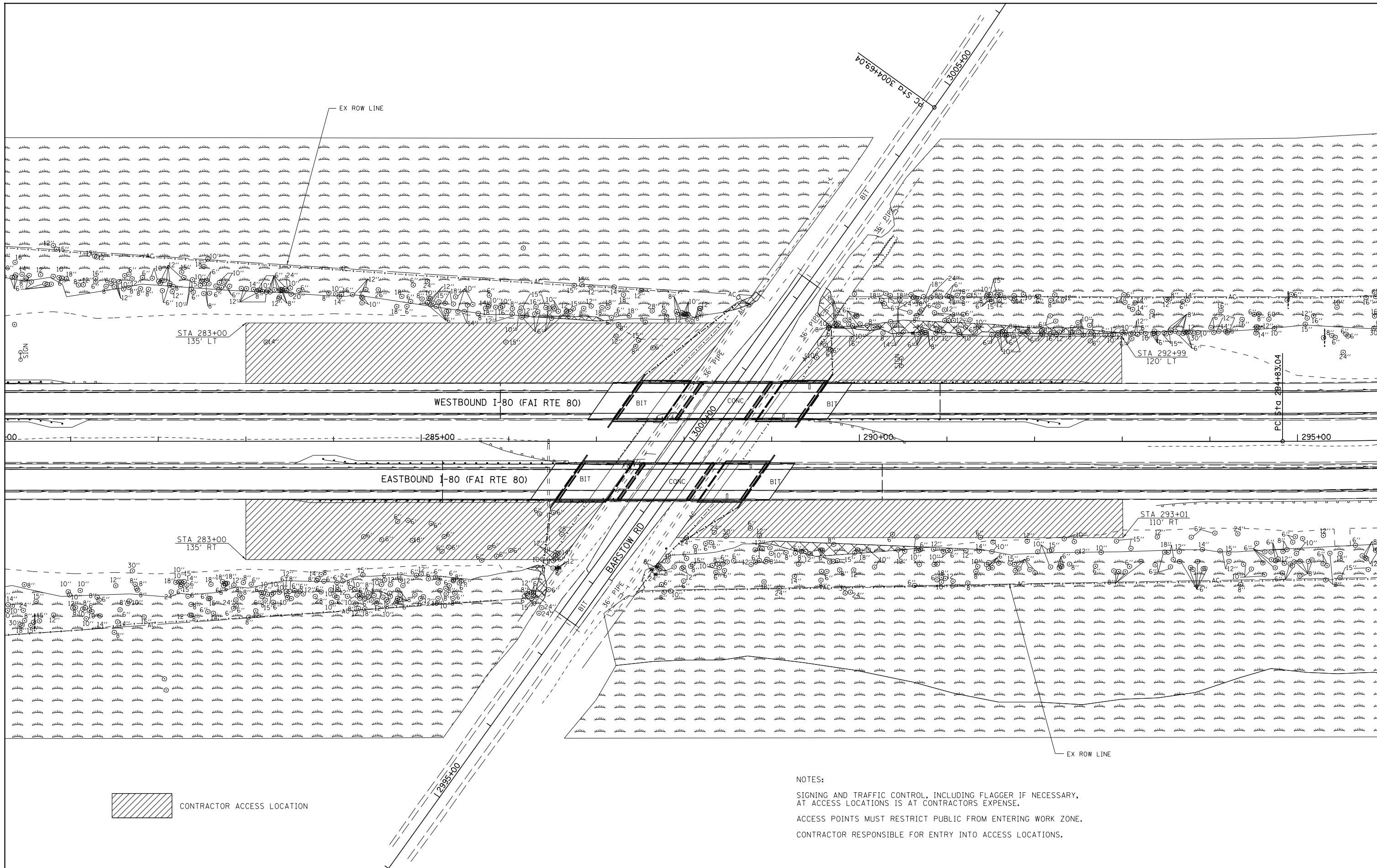


SECTION D-D

(Sheet 2 of 2)
BREAK-AWAY WIDE FLANGE STEEL POST DETAILS

BAW-A-1 6-1-12

FILE NAME = V:\3369\CADD Sheets\0264878_sht_detail-6.dgn	USER NAME = bdecreane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC COUNTER TIRTL TRAFFIC DATA COLLECTION SYSTEM	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 200.0000' / 1"	CHECKED -	REVISED -	80			*	ROCK ISLAND	430	330	
PLOT DATE = 3/17/2015	DATE -	REVISED -	* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78				
			ILLINOIS FED. AID PROJECT							



 CONTRACTOR ACCESS LOCATION

NOTES:
 SIGNING AND TRAFFIC CONTROL, INCLUDING FLAGGER IF NECESSARY,
 AT ACCESS LOCATIONS IS AT CONTRACTORS EXPENSE.
 ACCESS POINTS MUST RESTRICT PUBLIC FROM ENTERING WORK ZONE.
 CONTRACTOR RESPONSIBLE FOR ENTRY INTO ACCESS LOCATIONS.

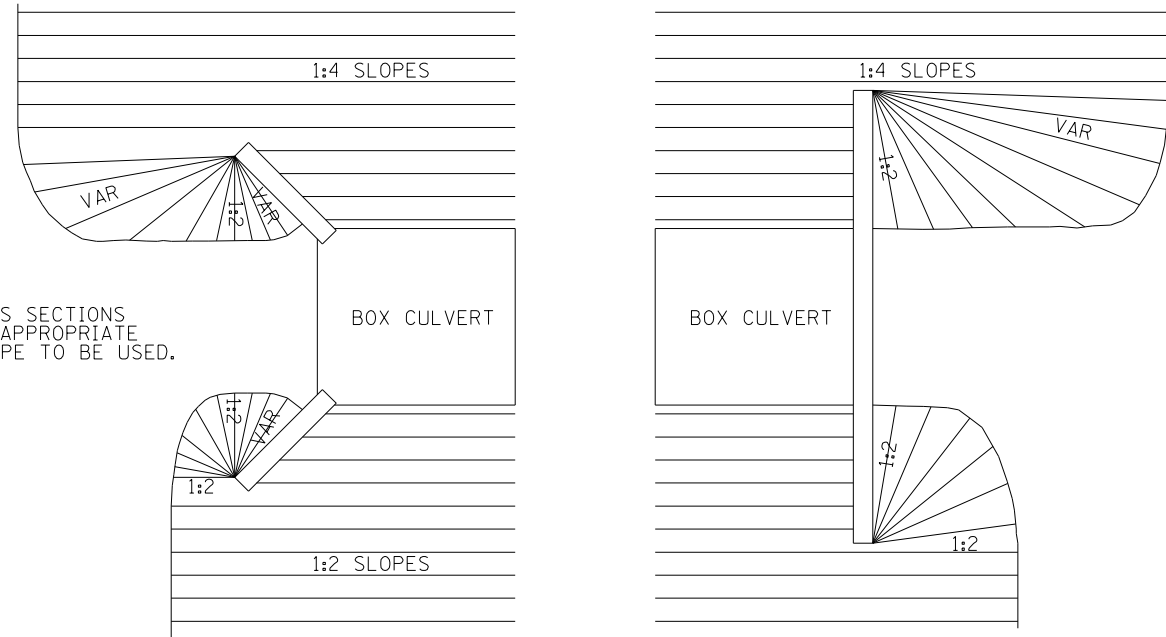
FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED -
V:\3369\CADD Sheets\0264878_sht_detail.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONTRACTOR ACCESS LOCATION DETAIL			
SCALE: 1" = 50'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	331
* 37-1BR-1, 81-1VBR & 81-1HR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

GRADING AROUND WINGWALLS

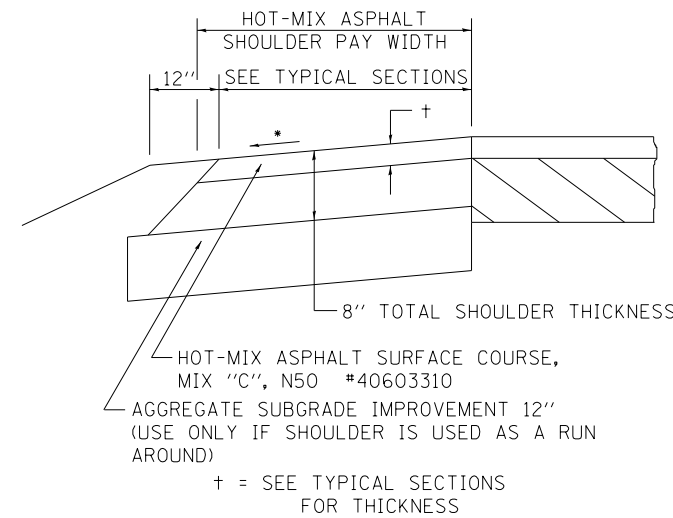


NOTES
SEE CROSS SECTIONS
FOR THE APPROPRIATE
FRONTSLOPE TO BE USED.

5-27-09

GRADING AROUND WINGWALLS 20.4

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS, THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

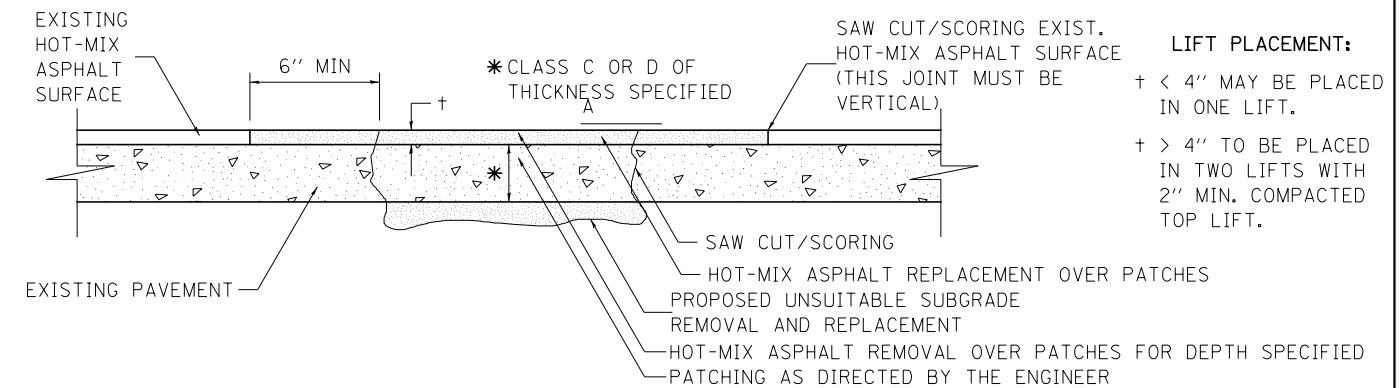
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 3-13-13

HOT-MIX ASPHALT SHOULDER 23.4a

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



LIFT PLACEMENT:
+ < 4" MAY BE PLACED IN ONE LIFT.
+ > 4" TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

REVISED - 10-03-11

REVISED -

REVISED -

REVISED -

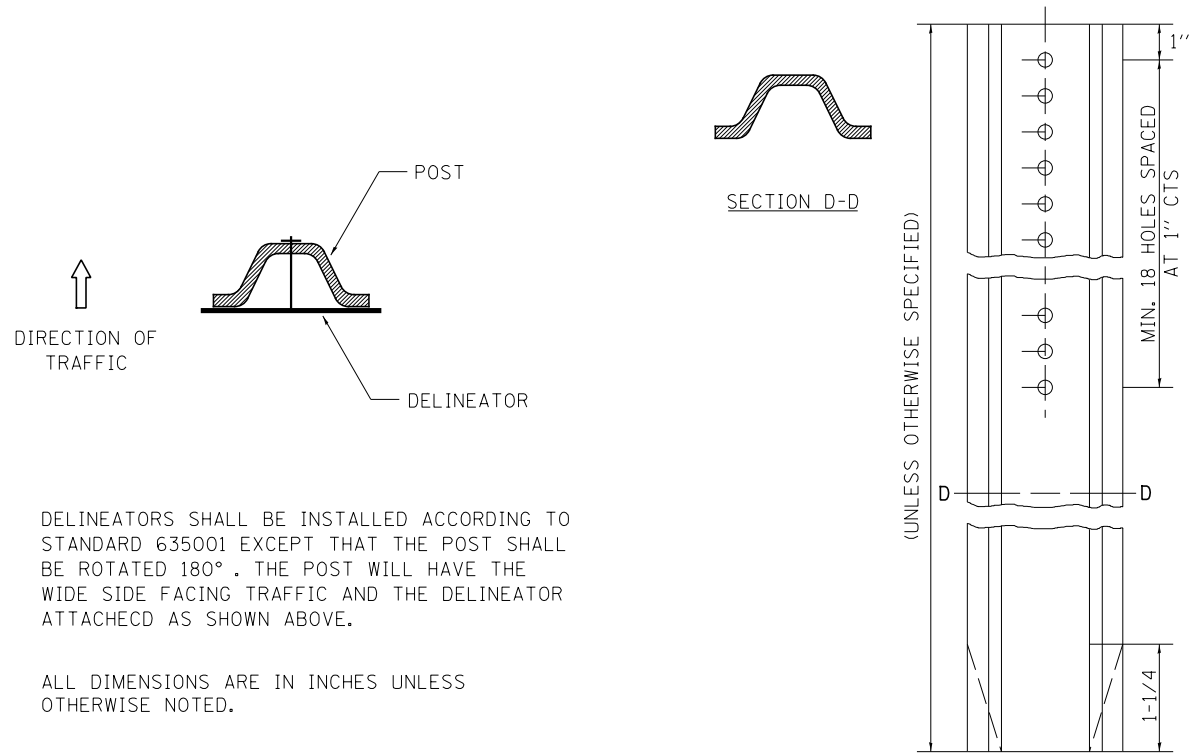
REVISED -

SCALE: SHEET NO. 1 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	332
* 37-1BR-1, 81-1VBR & 81-1HBR-1				CONTRACT NO. 64B78
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLOT DATE = 3/17/2015

DELINEATOR AND POST ORIENTATION



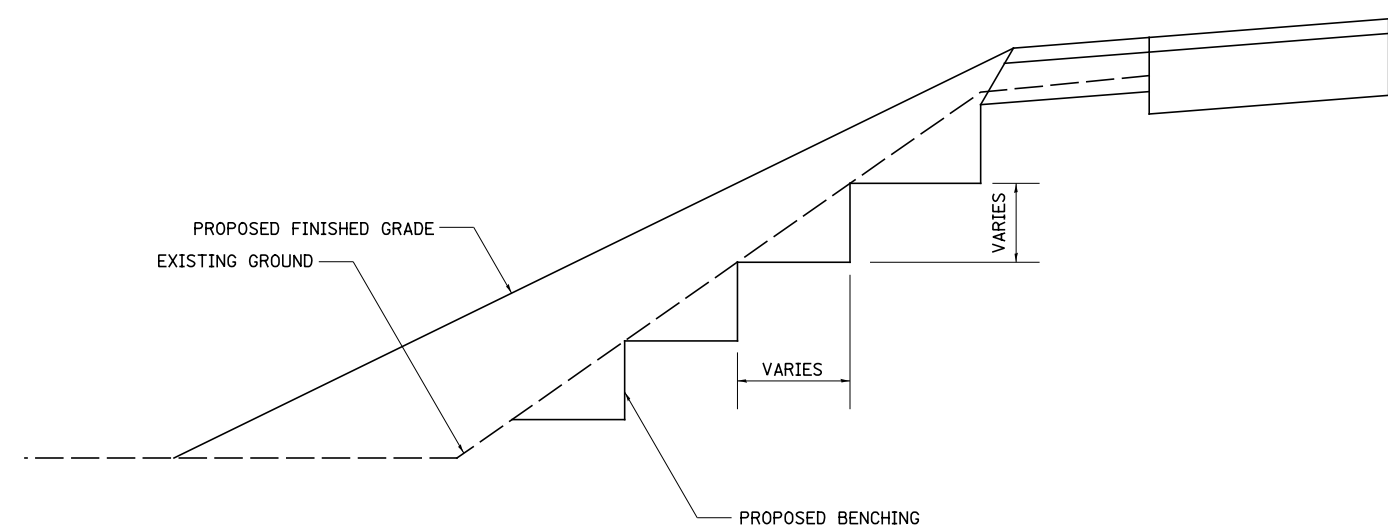
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

TYPICAL MEDIAN CROSSOVER CLOSURE (WITH EMERGENCY OPENING)

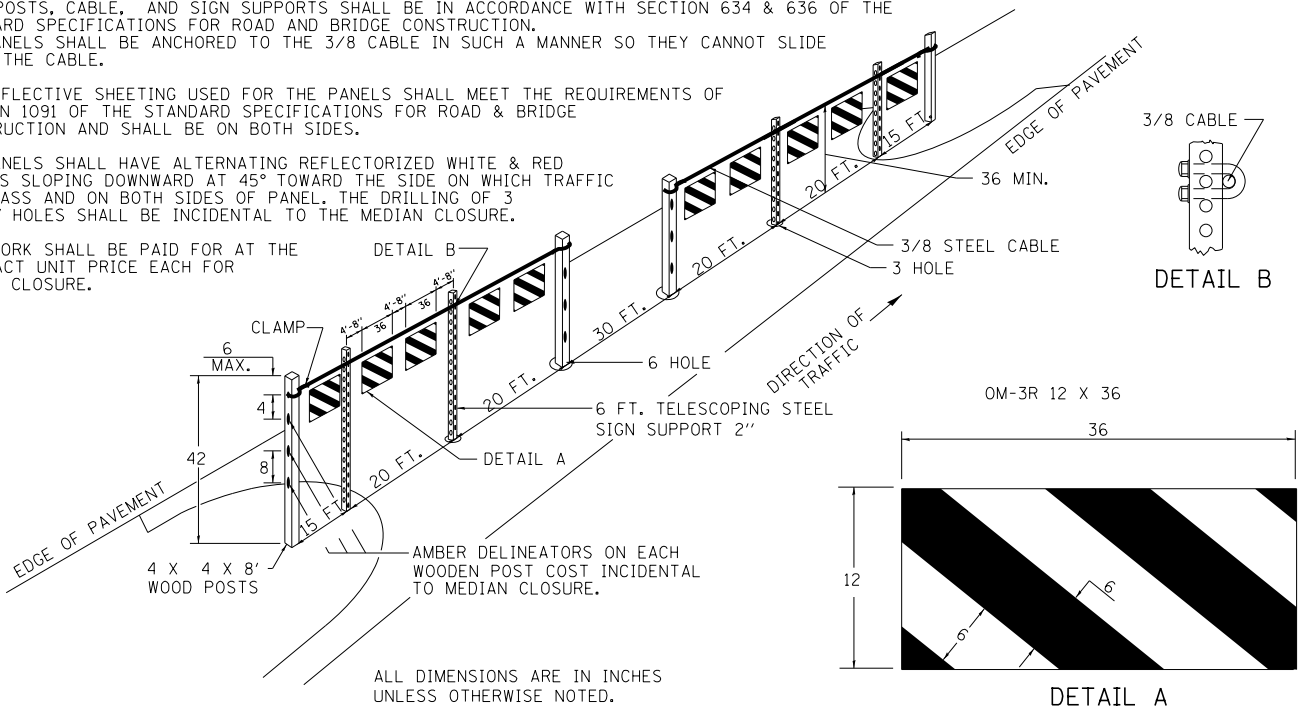
GENERAL NOTES

WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTION 634 & 636 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE PANELS SHALL BE ANCHORED TO THE 3/8 CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

THE REFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL. THE DRILLING OF 3" AND 6" HOLES SHALL BE INCIDENTAL TO THE MEDIAN CLOSURE.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-17-12

TYPICAL MEDIAN CROSSOVER CLOSURE (WITH EMERGENCY OPENING) 87.4

TYPICAL MEDIAN CROSSOVER CLOSURE

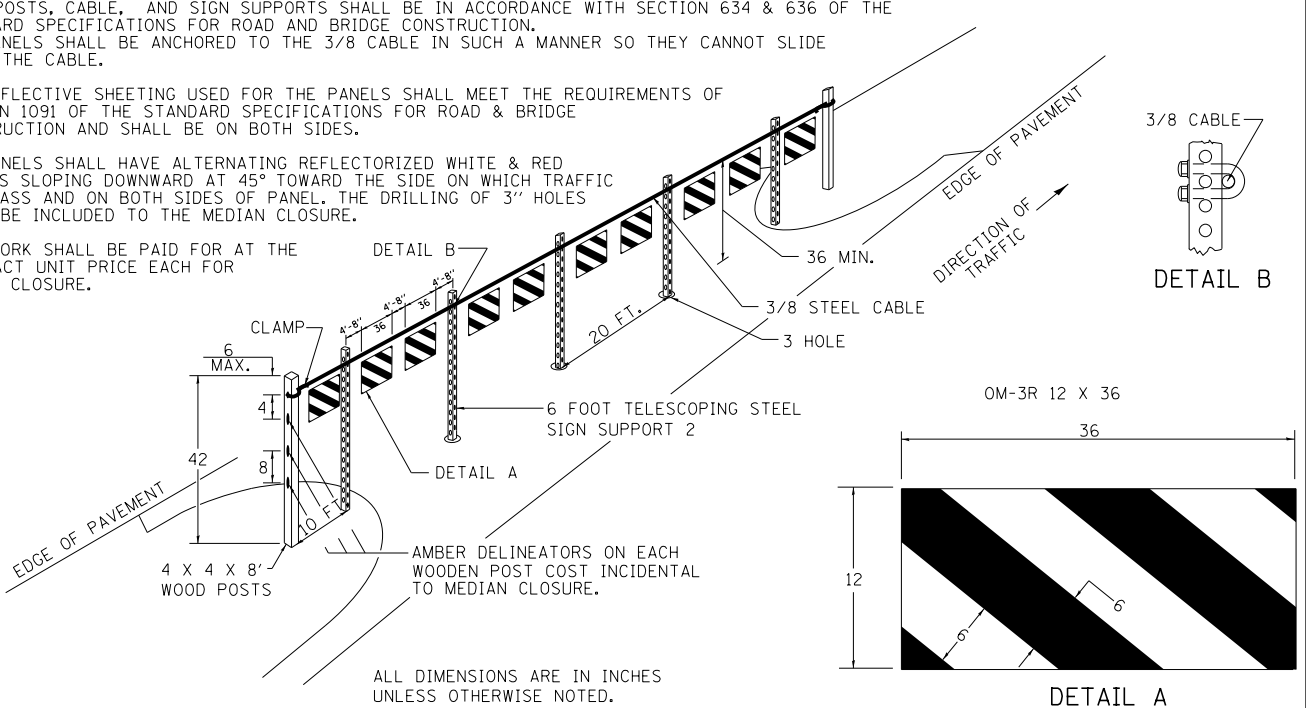
GENERAL NOTES

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THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

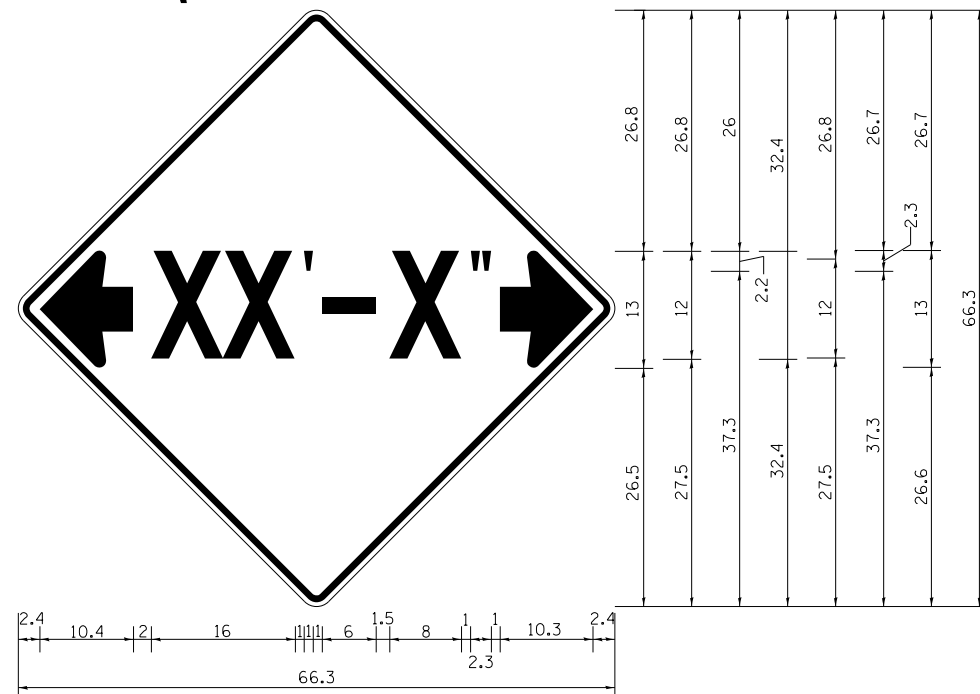
REVISED - 1-16-12

TYPICAL MEDIAN CROSSOVER CLOSURE 98.4

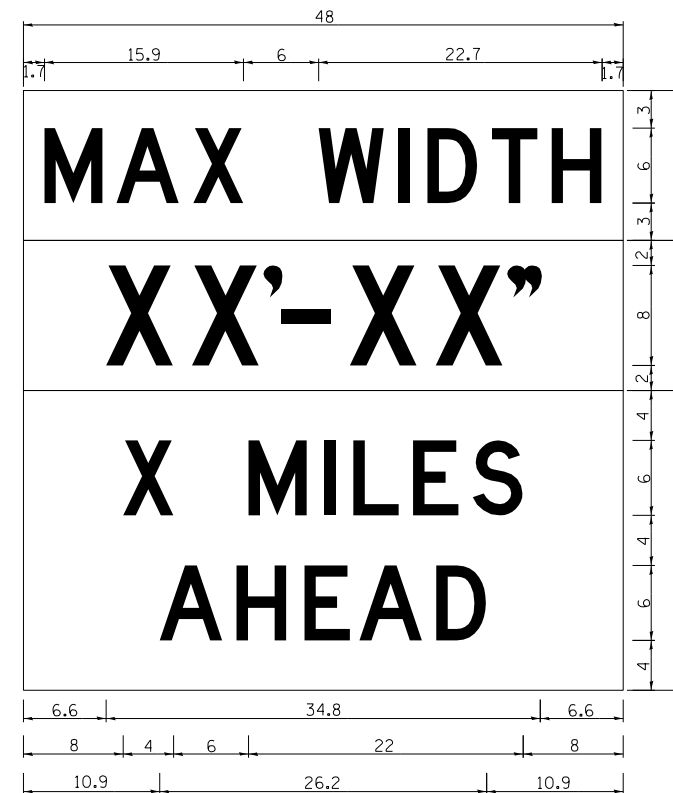
REVISED -	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -			80	*	**	430	333
REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
REVISED -	SCALE:	SHEET NO. 2 OF 13 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

PLOT DATE = 3/17/2015

INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)



NOTES
 W12-2 - Horizontal Clearance Sign
 48.0" across sides, 1.9" Radius,
 0.8" Border, 0.5" Indent, Black on
 Orange; Standard Arrow Custom
 10.4" X 8.1" 180° Black 11 Inch
 D Series Lettering; Standard Arrow
 Custom 10.4" X 8.1" 0°



W12-1103 (Width is 8D);
 No border, Black on White;
 [MAX WIDTH] D;

No border, Black on Orange;
 [XX'-XX''] D;

No border, Black on White;
 [X MILES] D; [AHEAD] D;

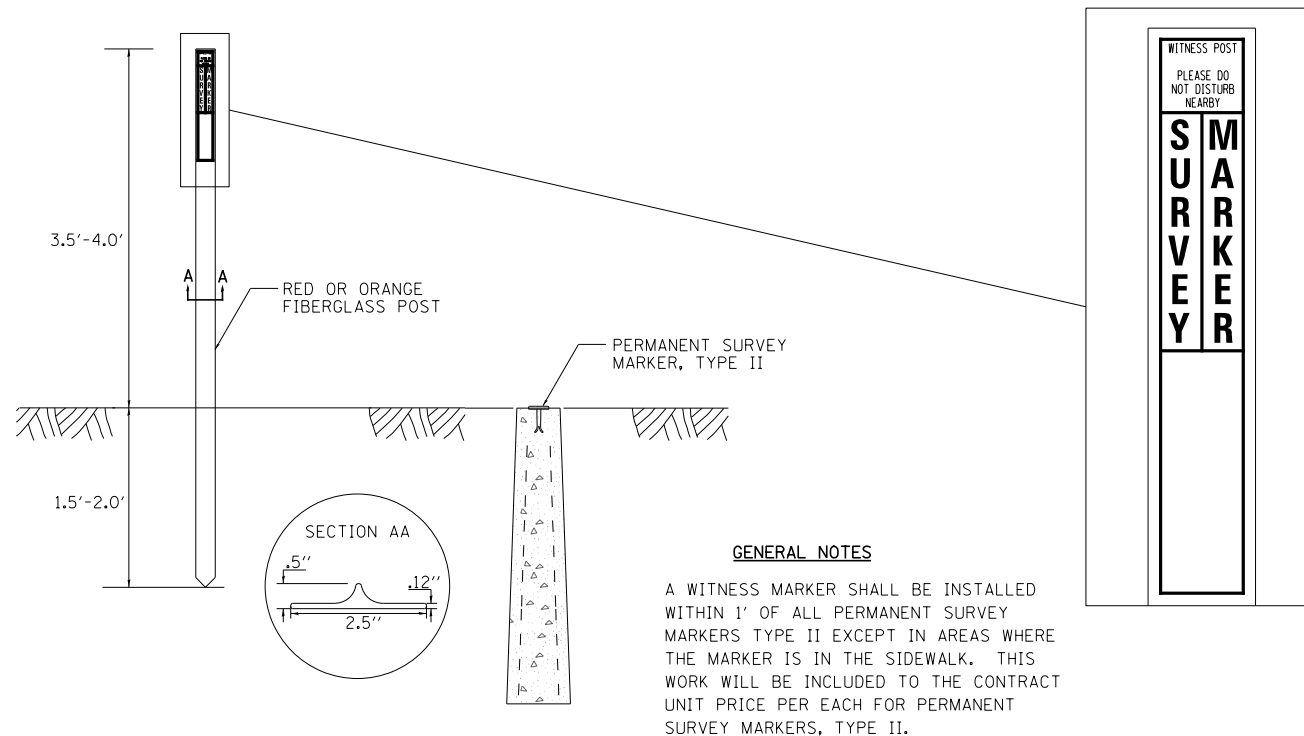
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

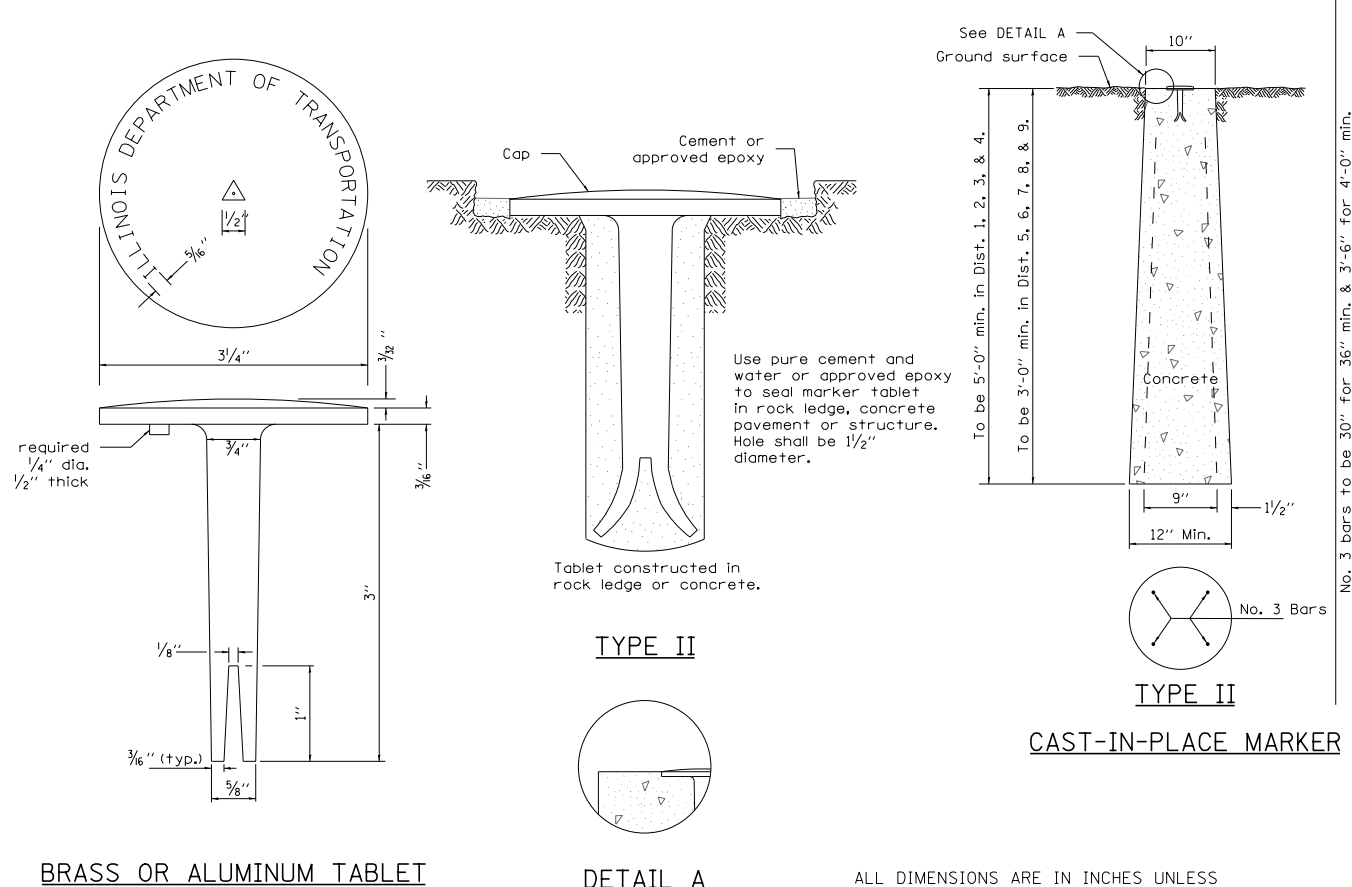
INFORMATIONAL WARNING SIGNS (FOR NARROW TRAVEL LANES) 39.2

REVISED - 5-15-09	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -			80	*	**	430	334	
REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78			
REVISED -			SCALE:	SHEET NO. 3 OF 13 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II

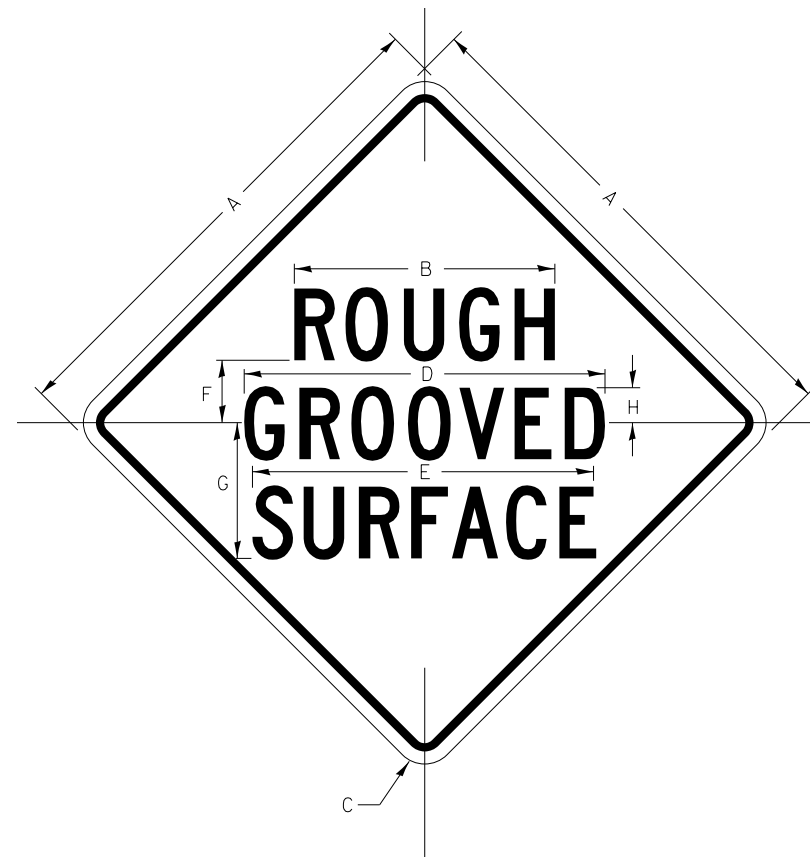


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107

SIGN PANEL TYPE 1



GENERAL NOTES

COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES.

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS
METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

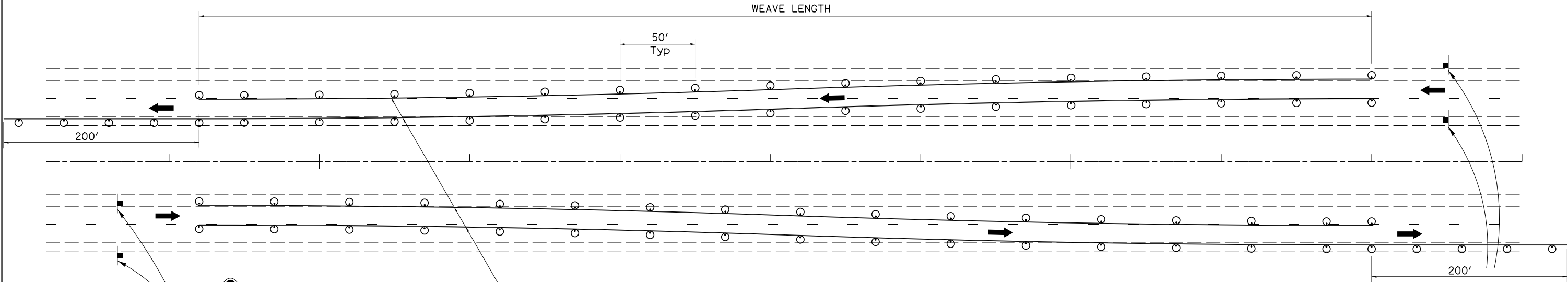
ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

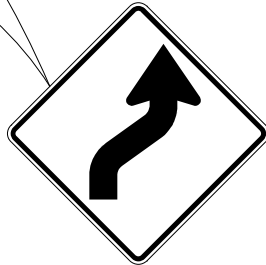
ROUGH GROOVED SURFACE SIGN 91.2

REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -				80	*	**	430	335
REVISED -				* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
REVISED -	SCALE:	SHEET NO. 4 OF 13 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL TYPICAL WEAVE



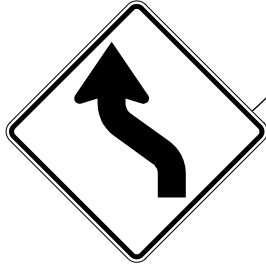
Temporary Pavement Marking required if Typical Weave is used for 14 days or more.



W1-4R(O)-48



W13-1(O)-2424



W1-4L(O)-48



W13-1(O)-2424

LEGEND

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
- ⊥ SIGN ON PERMANENT MOUNT

DESIGNER NOTE:

1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
65 MPH	45 MPH	780 FT.
55 MPH	35 MPH	660 FT.
45 MPH	25 MPH	540 FT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED - 8-27-13
V:\3369\CADD Sheets\0264878_shtL.district	2-detail-5.dgn	DRAWN -	REVISED - 10-17-11
	PLOT SCALE = 2.000000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

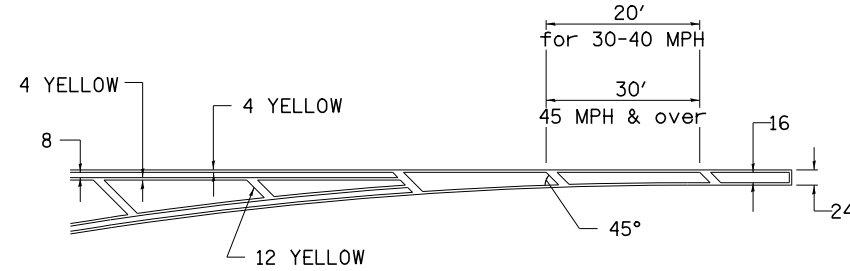
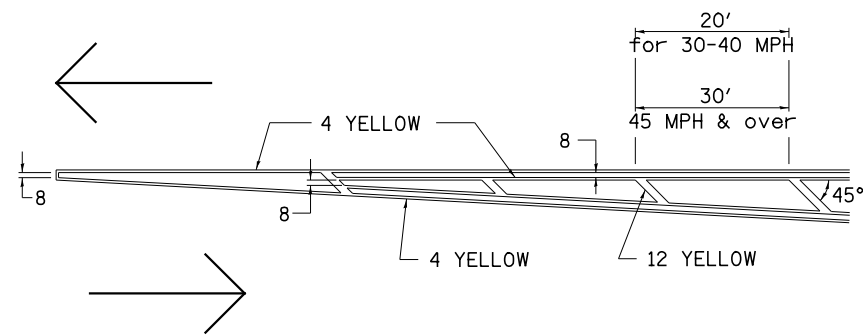
SCALE: SHEET NO. 5 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	336
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

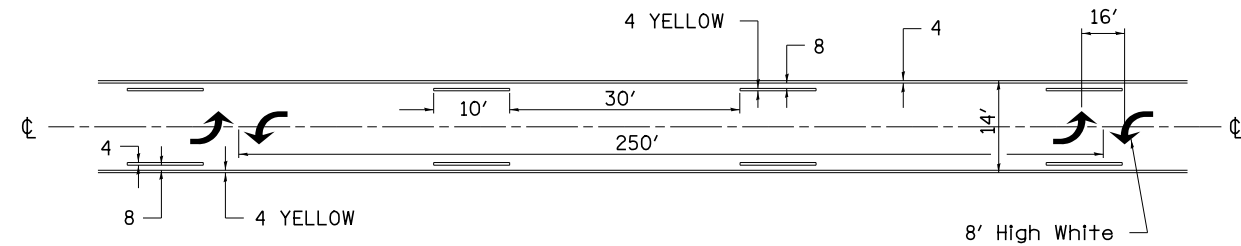
** ROCK ISLAND / HENRY

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

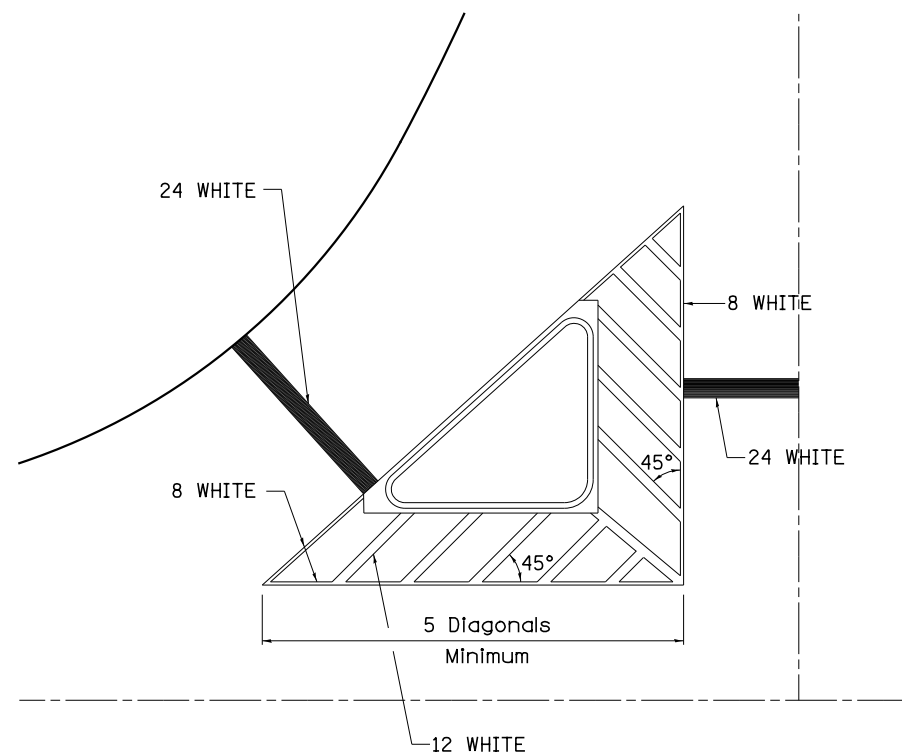


MEDIAN PAVEMENT MARKING

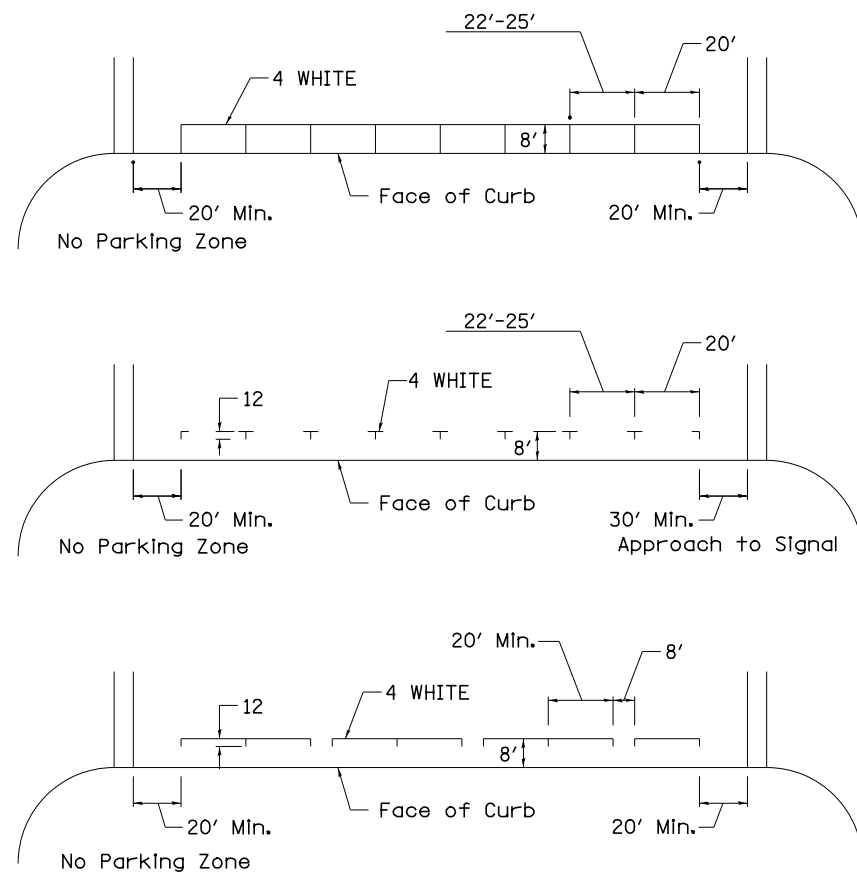


** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

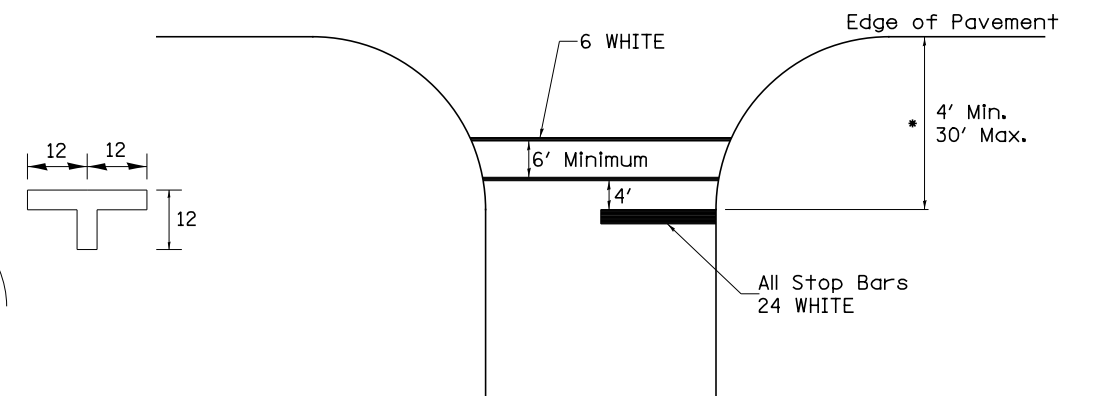


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 3-05-12
V:\3369\CADD Sheets\0264878_sht.district-2-detail-6.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

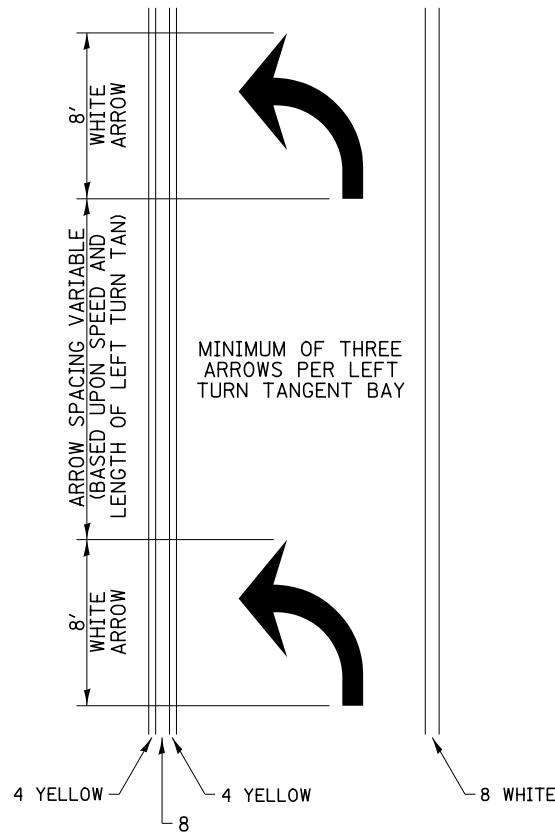
SCALE: SHEET NO. 6 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	337
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

** ROCK ISLAND / HENRY

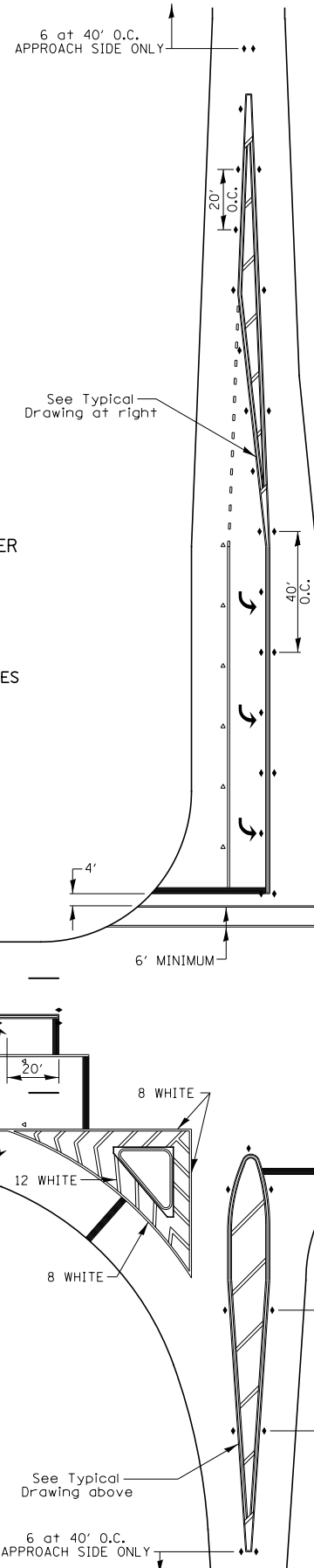
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

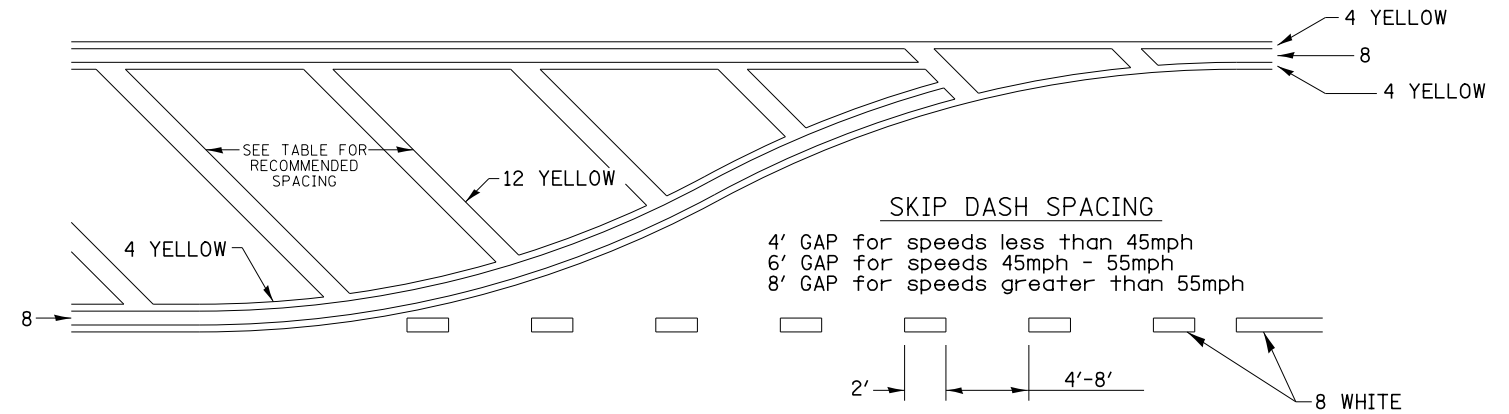


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



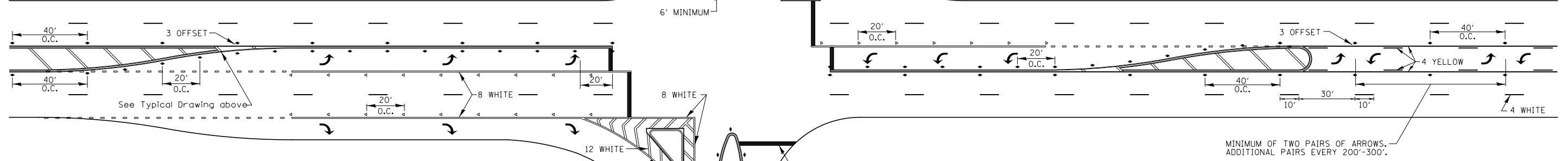
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



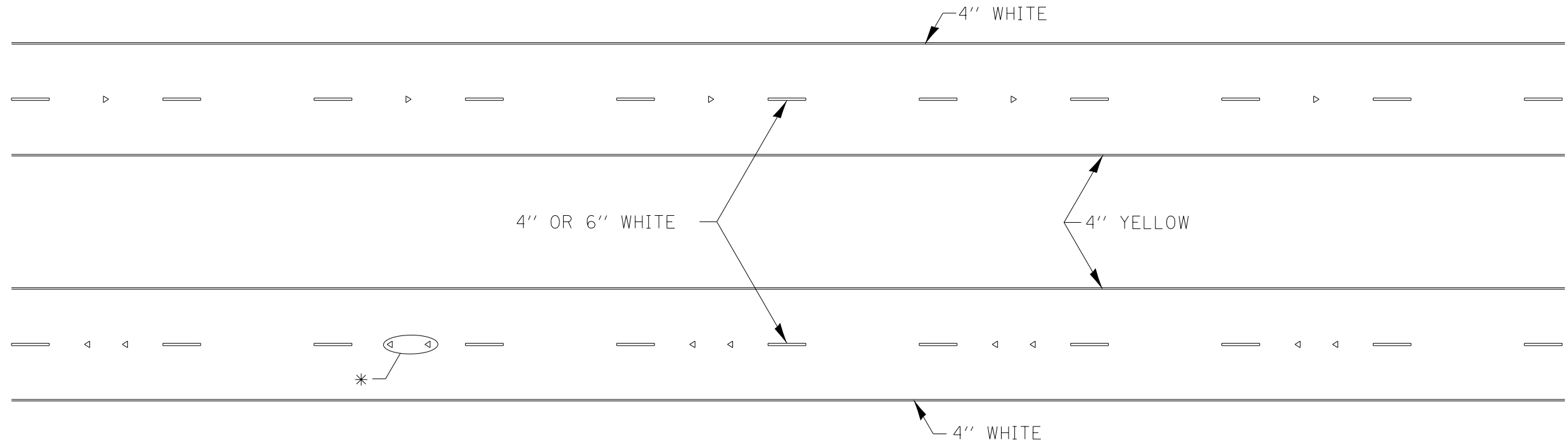
RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

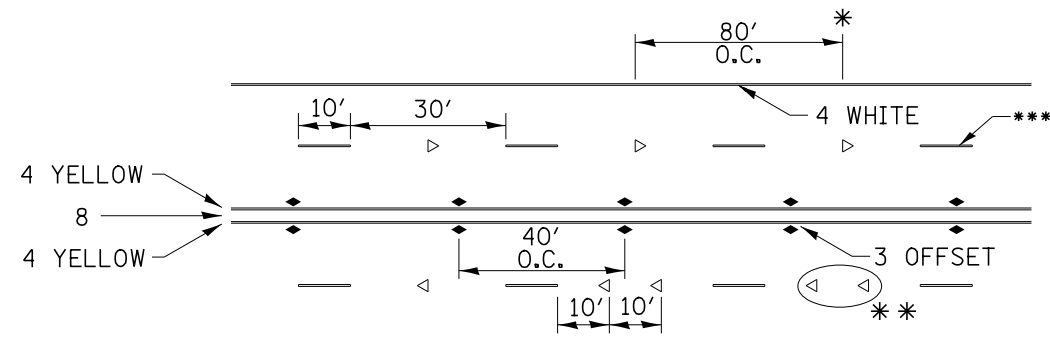


TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT \geq 20,000.

MULTI-LANE / DIVIDED



SYMBOLS

* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

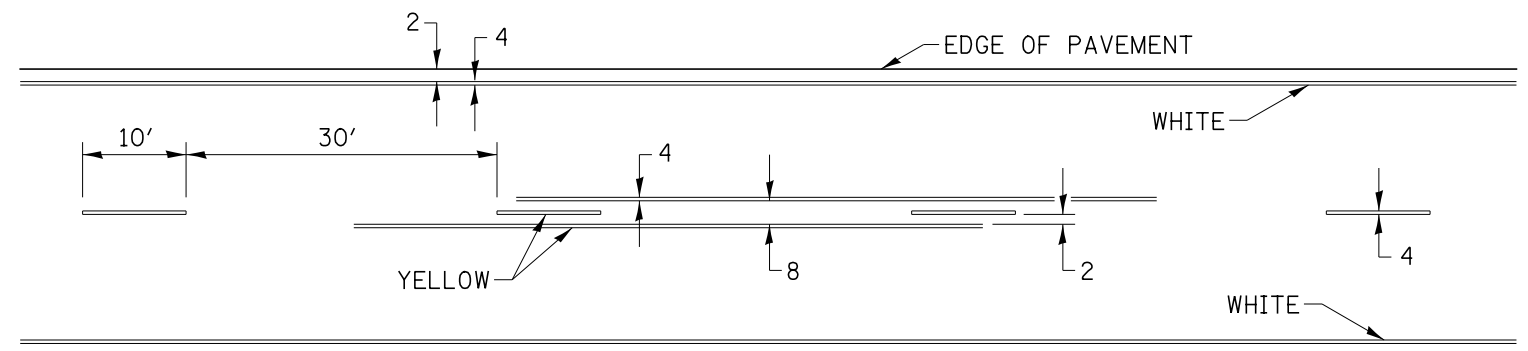
** USE DOUBLE MARKERS WHEN ADT \geq 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED - 8-27-13
V:\3369\CADD Sheets\0264878_shtL.district-2-detail-8.dgn		DRAWN -	REVISED - 11-28-12
	PLOT SCALE = 2.000000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 8 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	339
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

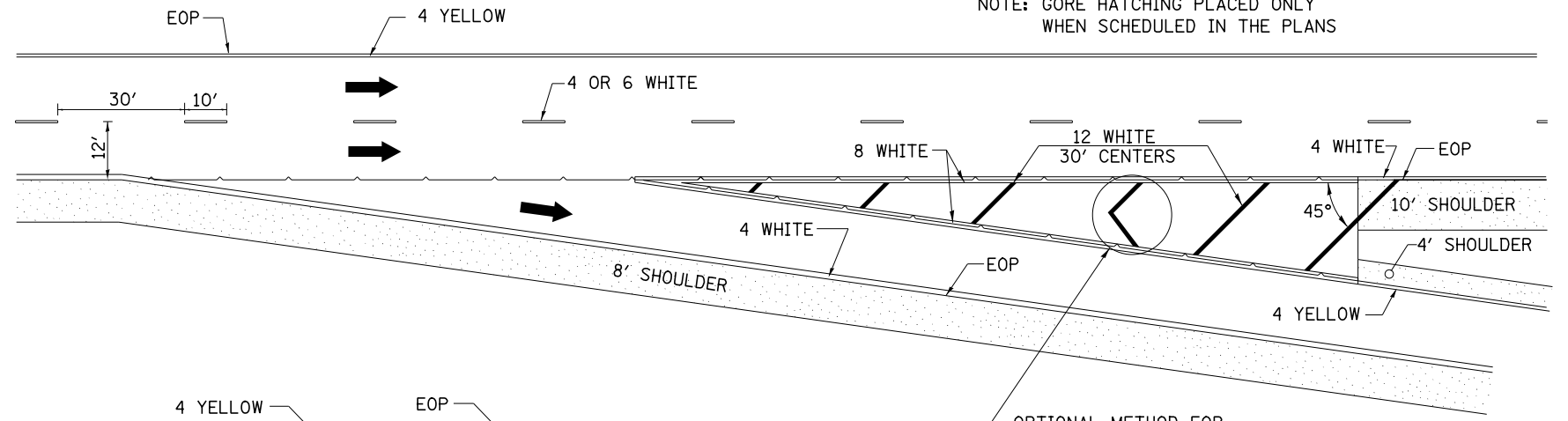
** ROCK ISLAND / HENRY

PAINING DETAILS

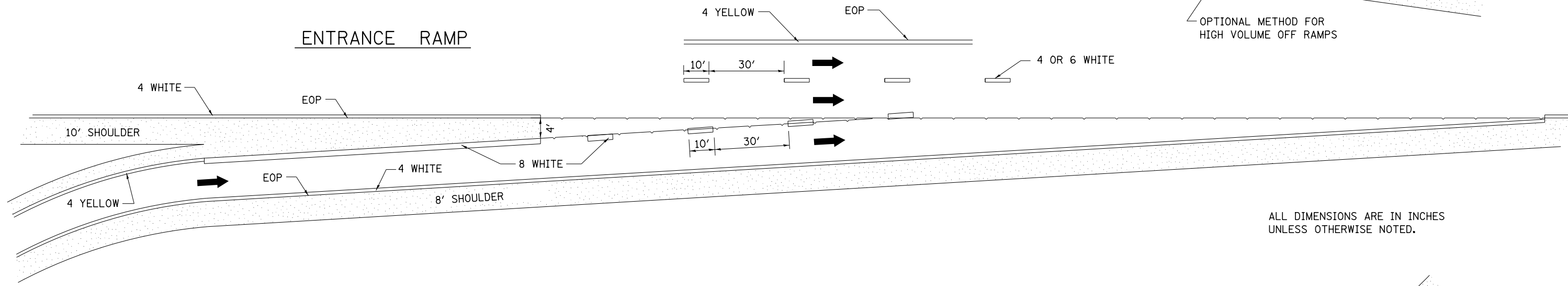
EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

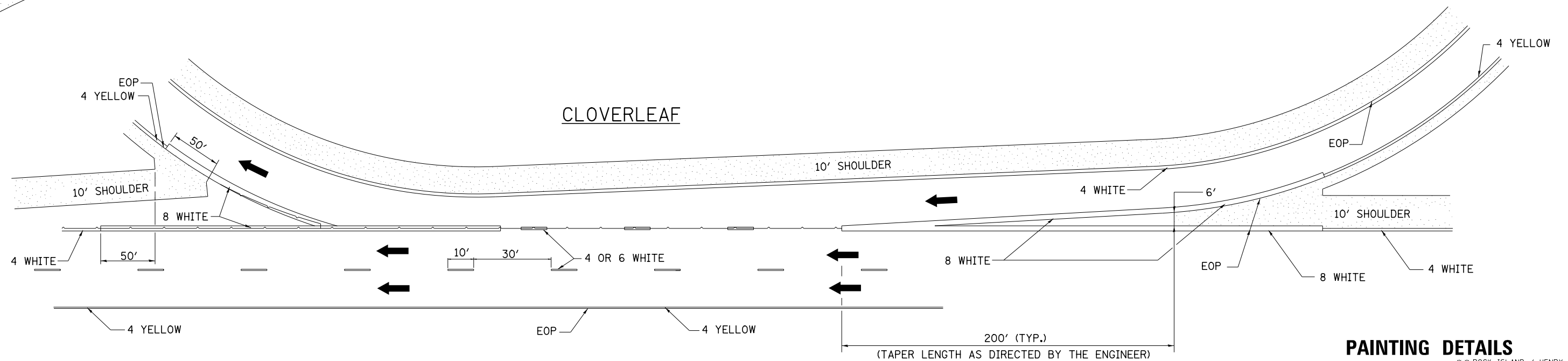


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



PAINING DETAILS 44.1

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 8-27-13
V:\3369\CADD Sheets\0264878_shtL.district-2-detail-9.dgn		DRAWN -	REVISED - 10-18-11
	PLOT SCALE = 2.000000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

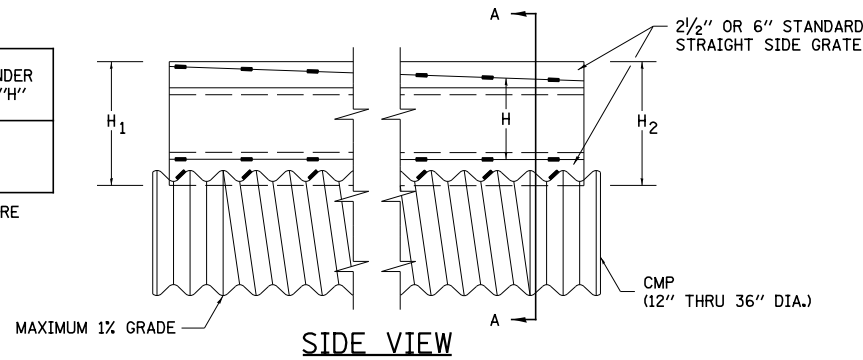
SCALE: SHEET NO. 9 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	340
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

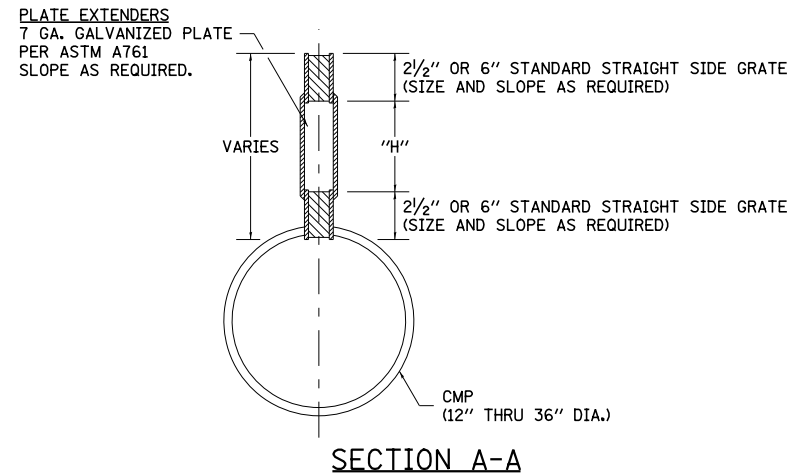
** ROCK ISLAND / HENRY

SLOTTED DRAIN PIPE

LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
H20/H25 • 750 PSI CONCRETE • 125 PSI TIRE PRESSURE	19"



DETAIL WITH VARIABLE HEIGHT GRATE



SECTION A-A

GENERAL

Class SI Concrete shall be used throughout. This specification covers Slotted Drain used for the removal of water as shown on the plans. The Slotted Drain shall be Corrugated Pipe Culvert with Integral Slotted Drains. Before placing the concrete adjacent to the pipe, the slot shall be covered by either thin, flat metal sheeting or by a board notched to fit over the grate bars. This covering must fit closely in the slot to prevent entry of concrete into the pipe. Paving over the slotted drain will then be one continuous operation over the protected drain. The protection for the drain slot shall then be removed. The pipe shall drain into the side of the inlet. The opening where the slot is removed shall be covered to prevent concrete from entering the pipe. The Corrugated Steel Pipe used in the Slotted Drain shall meet the requirements of AASHTO M36/ASTM A760. The CMP shall be ALUMINIZED STEEL Type 2. The diameter shall be as shown on the plans. Steel grating shall meet the galvanizing requirements of AASHTO M111. This work will be paid for at the contract unit price per foot for SLOTTED DRAIN of the pipe diameter specified WITH VARIABLE SLOT, or SLOTTED DRAIN, of the pipe diameter specified, WITH 6" SLOT, and shall include concrete and grating for depth specified on plans. Use approved end cap to prevent concrete entry into the pipe during gutter construction on the upstream end of the pipe.

CONNECTIONS

The Corrugated Steel Pipe shall have a minimum of two rerolled annular ends. The Slotted Drain bands shall be modified HUGGER Bands to secure the pipe and prevent infiltration of the backfill. When the Slotted Drain is banded together, the adjacent grates shall have a maximum 3" gap.

GRATES

The grates shall be manufactured from ASTM A670, Grade 36 steel. The spacers and bearing bars (sides) shall be 3/16" material ±0.008". The spacers shall be on 6" centers and welded on both sides to each bearing bar (sides) with four (4) 1-1/4" long 3/16" fillet welds on each side of the bearing bar. The plate extender shall be 7 gage steel meeting ASTM A761. The engineer may call for tensile strength tests on the grate if the grate is not in compliance with the above spacer specifications. If tensile strength tests are called for, minimum results for an in-place spacer pulled perpendicular to the bearing bar shall be:
T = 12,000 pounds for 2-1/2" grate
T = 15,000 pounds for 6" grate

GALVANIZING

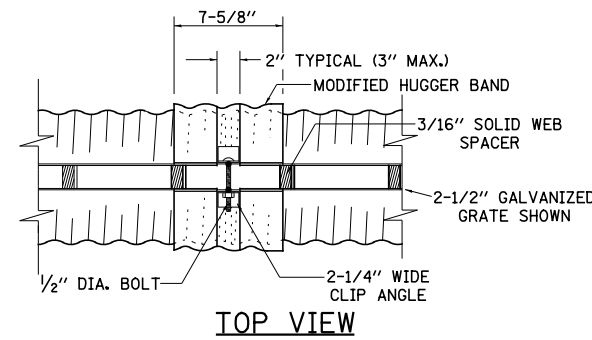
The grate and plate extenders shall be galvanized in accordance with ASTM A123 except with a 2 oz. galvanized coating.

GRATE ATTACHED TO CSP

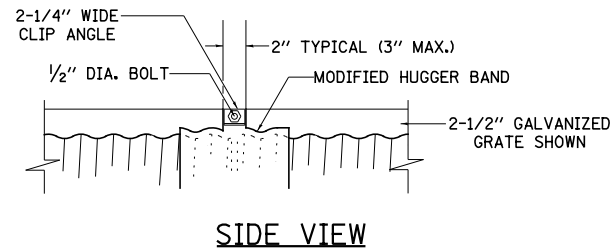
The grate shall be fillet welded with a minimum weld 1" long to the CSP on each side of the grate at every other corrugation.

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

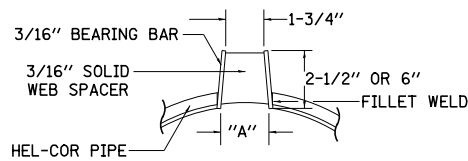
Vertical Bow = ± 3/8"
Horizontal Bow = ± 5/8"
Twist = ± 1/2"



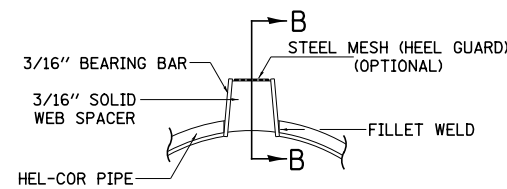
TOP VIEW



SIDE VIEW



SECTION A-A STANDARD DETAIL



SECTION A-A DETAIL WITH MESH

(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

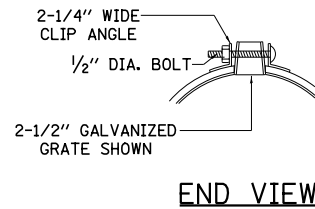
GAGE OF PIPE	DIAMETER OF PIPE					
	12"	15"	18"	24"	30"	36"
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	N.A.	N.A.	N.A.	N.A.	X	X

GRATE TYPE	"A"	
VERT	2-1/2"	1-3/4"
TRAP	2-1/2"	2-1/4"
TRAP	6"	3"

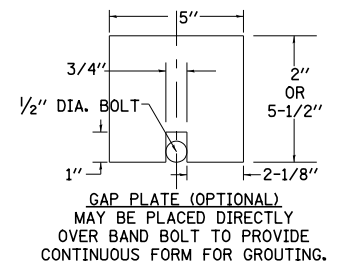
VERT = VERTICAL
TRAP = TRAPEZOIDAL

SLOTTED DRAIN NOTES

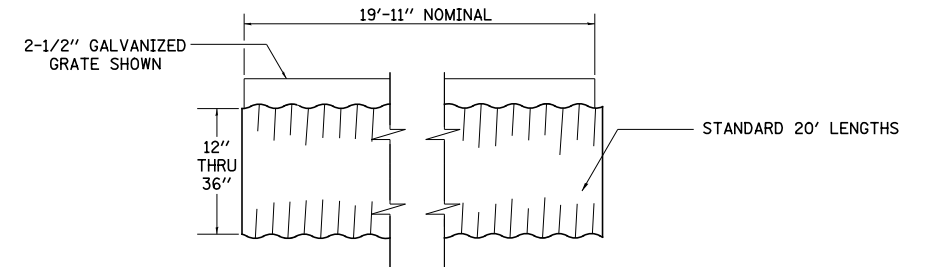
- GRATING IS AVAILABLE IN DEPTHS OF 2-1/2" AND 6".
- VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
- FOR 6" VERTICAL & TRAPEZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4" TECHCO BAND ANGLE.
- DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
- DIMENSIONS FOR H₁ AND H₂ AS REQUIRED.
- H₁ AND H₂ MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



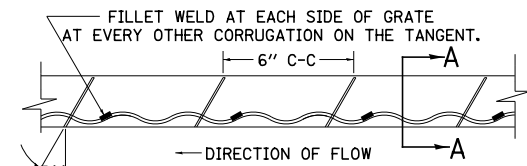
END VIEW



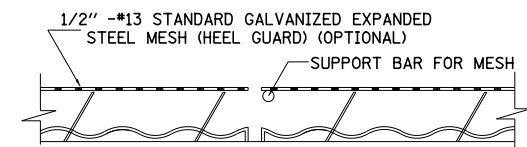
GAP PLATE (OPTIONAL) MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING.



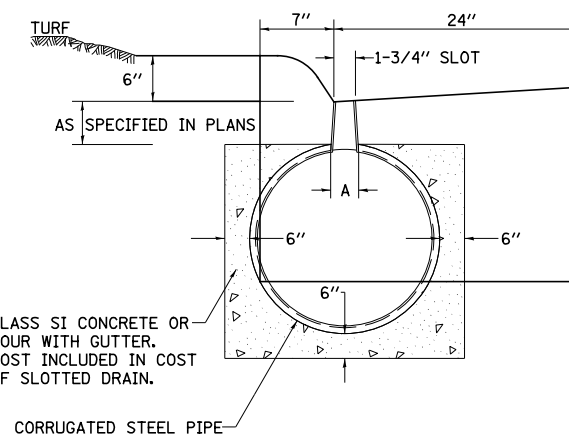
TYPICAL PIPE SECTION



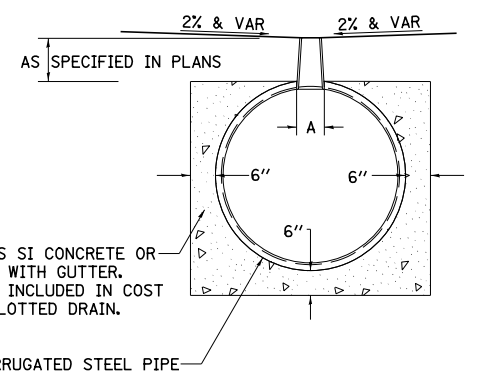
GRATE WELDING DETAIL



SECTION B-B



DETAIL FOR CURB & GUTTER



DETAIL FOR CROSSOVERS, DRIVEWAYS, OR PARKING LOTS

SLOTTED DRAIN PIPE 68.1

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 10-18-11
V:\3369\CADD Sheets\0264878_shtL.district-2-detail-10.dgn		DRAWN -	REVISED -
	PLOT SCALE = 2.000000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	341
* 37-1BR-1, 81-1VBR & 81-1HBR-1				CONTRACT NO. 64B78
FED. ROAD DIST. NO. ILLINOIS				FED. AID PROJECT

64' TWO LANE MEDIAN CROSSOVER

(POSTED SPEED LIMIT 65 MPH, WORK ZONE SPEED LIMIT 55 MPH)

TYPICAL SECTION

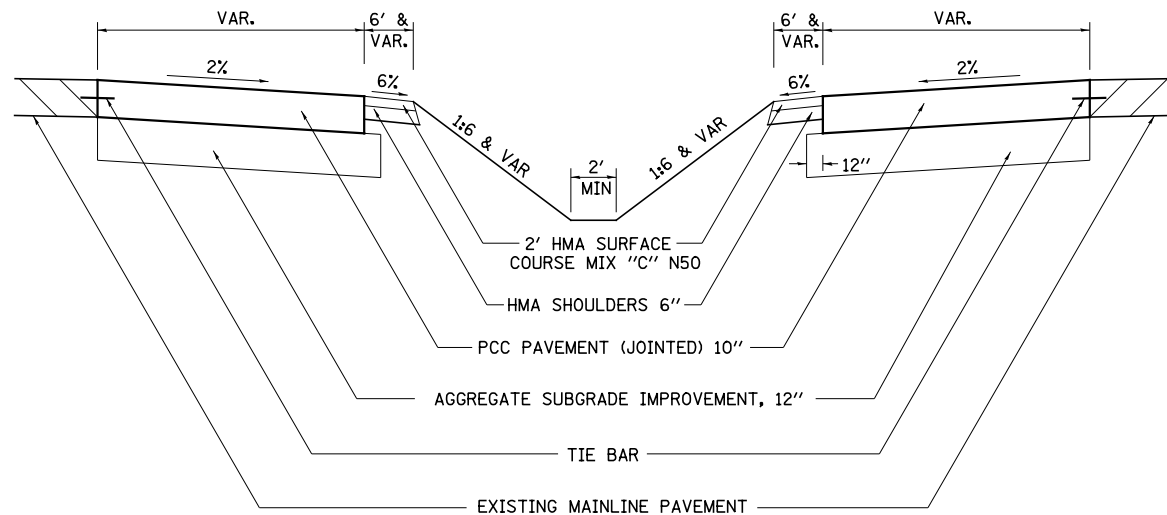


TABLE OF OFFSETS AND DROPS											
Distance feet from location station	0	81.32'	100'	125'	150'	175'	200'	225'	250'	275'	278.80'
Offsets feet from inside edge of pavement	32'	30'	26.79'	22.80'	19.16'	15.88'	12.95'	10.37'	8.14'	6.26'	6.00'
Drop feet from inside edge of pavement	0.64'	0.60'	0.54'	0.46'	0.38'	0.32'	0.26'	0.21'	0.16'	0.13'	0.12'

GENERAL NOTES

Construction of median crossover shall conform to the requirement of current Standard Specifications.

Slotted drain shall be constructed of 14 or 16 gauge corrugated metal roadway pipe modified to accommodate slotted drain as shown.

Pavement, subbase, & shoulder quantities are:

(3256.59 Sq. Yds.) (3082.80 Sq. Yds.) (95.09 Tons) (848.99 Sq. Yds.)	AGGREGATE SUBGRADE IMPROVEMENT, 12" P. C. C. PAVEMENT, (JOINTED) 10" 2" HMA SURFACE COURSE, MIX "C", N50 HMA SHOULDERS 6"
---	--

Elbows and Caps shall be considered Included to the SLOTTED DRAIN 12" WITH 6" SLOT.

See District Standard 61.2 or 68.1 for details for the slotted drain.

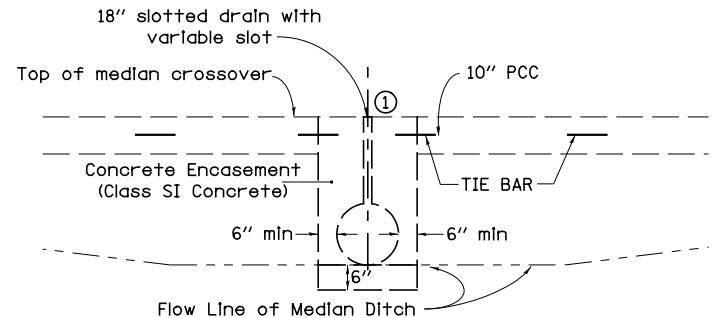
See District Standard 86.1 for details for the beveled pipe & guard.

The crossover is designed using a 55mph design speed.

The end of the pipe guard shall be set where a minimum 1:4 front slope can be constructed from each side of pipe guard to the HMA shoulder.

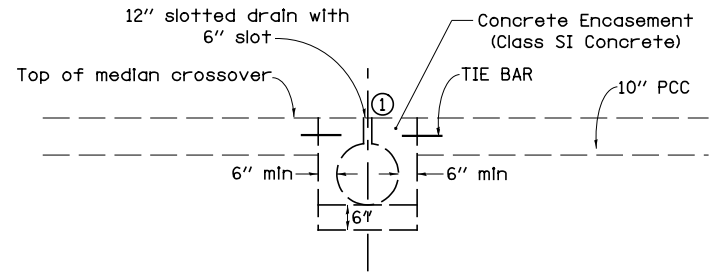
The PCC Pavement (Jointed) 10" shall be constructed according to Section 420 of the Standard Specifications and Highway Standards 420001, 420101, & 420106

The PCC Pavement (Jointed) 10" shall be tied to adjacent existing concrete pavement and the concrete encasement for the slotted drain. The tie bars shall be No.6 bars 24" long @ 30" cts, and installed according to the applicable portions of Article 420.05 (b) of the Standard Specifications. The cost of the bars to be included in the cost of the PCC Pavement (Jointed) 10".



SECTION A-A

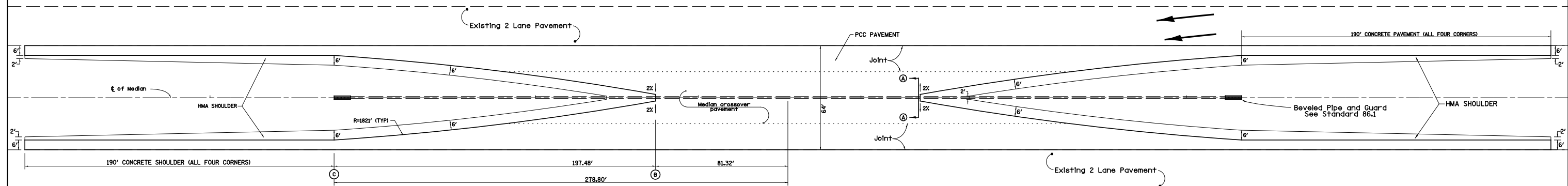
(USE TO MAINTAIN MEDIAN DRAINAGE THROUGH THE CROSSOVER)



SECTION A-A

(WHEN CROSSOVER IS AT MEDIAN HIGH POINT)

① Duct tape or wood blocks shall be used to cover slotted drain during construction of crossover paving



TYPICAL PLAN

Unless otherwise specified, when the median crossover is to be removed, the Contractor shall be required to saw full-depth along the shoulder line 6' from edge of pavement). The 6' adjacent to the edge of pavement shall remain in place and be used as shoulders. The cost of Sawing shall be included in the Pavement Removal.

Longitudinal joints shall be sawed at a max 12' width. All joints shall be sealed.

TRAFFIC CONTROL STANDARD 701416 IS TO BE USED WITH THIS DETAIL

64' TWO LANE MEDIAN CROSSOVER (55 MPH WORK ZONE SPEED LIMIT) 84.1

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3369\CADD Sheets\0264878_sht.district-2-detail-11.dgn	DRAWN -	REVISED - 4-04-11	80			*	**	430	342	
PLOT SCALE = 2.000000' / in.	CHECKED -	REVISED -	* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78				
PLOT DATE = 3/17/2015	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				

BEVELED PIPE & GUARD DETAIL FOR MEDIAN CROSSOVER

GENERAL NOTES:

Details shown hereon are for the construction of beveled pipe and guard. Alternate designs, methods of construction or materials may be submitted to the Engineer for approval. All methods of construction and materials involved shall conform to current Standard Specifications.

Reinforcing steel used in construction of "Beveled Pipe and Guard" shall be deformed bars meeting the requirements of Article 1006.10 of the Standard Specifications. All steel bars shall be hot-dip galvanized in accordance with ASTM A 123 specifications.

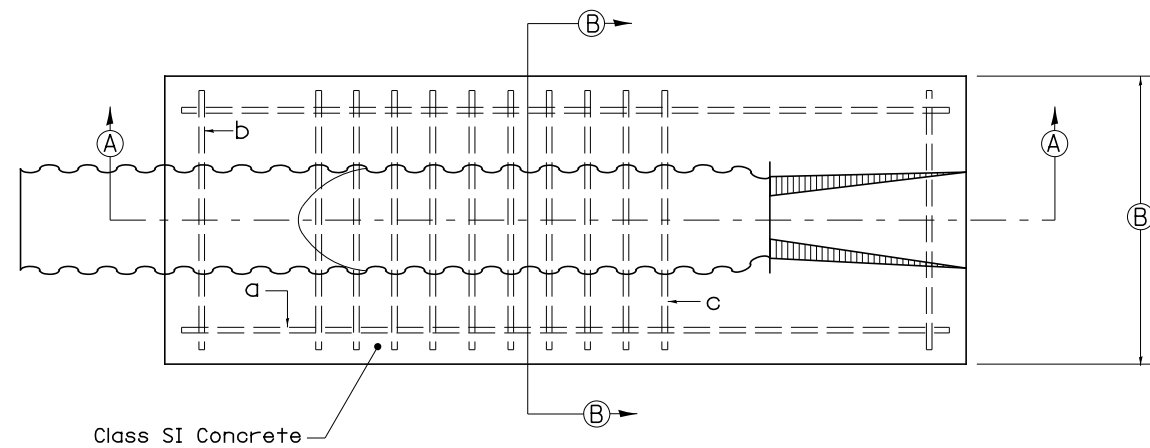
Concrete used in construction of the beveled pipe and guard shall be Class "SI" Concrete.

The corrugated metal pipe shall be cut to fit the 1:8 foreslope. Slots shall be cut into the C.M.P. for placement of the 'b' and 'c' bars. After the foreslope has been placed, the 'b' and 'c' bars shall be fitted into the slots cut in the C.M.P. so they will be in proper position when the concrete collar is poured.

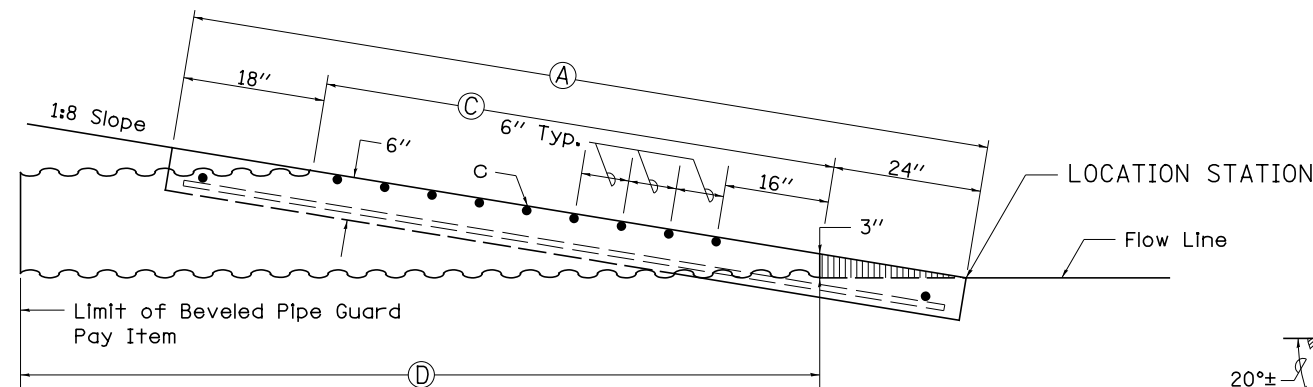
This work shall be paid for at the contract unit price per Each for "Beveled Pipe and Guard", as shown hereon and as directed by the Engineer.

12 PIPE REINFORCING SCHEDULE			
Mark Req'd	Bar Size	Length	No.
a	5	110	2
b	5	32	2
c	8	34	10

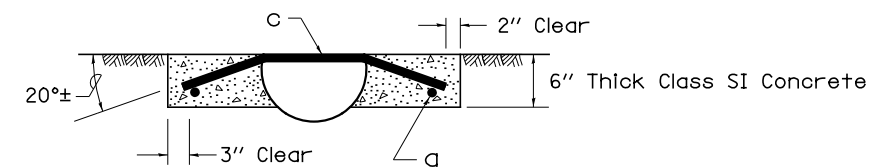
18 PIPE REINFORCING SCHEDULE			
Mark Req'd	Bar Size	Length	No.
a	5	162	2
b	5	38	2
c	8	40	18



PLAN VIEW



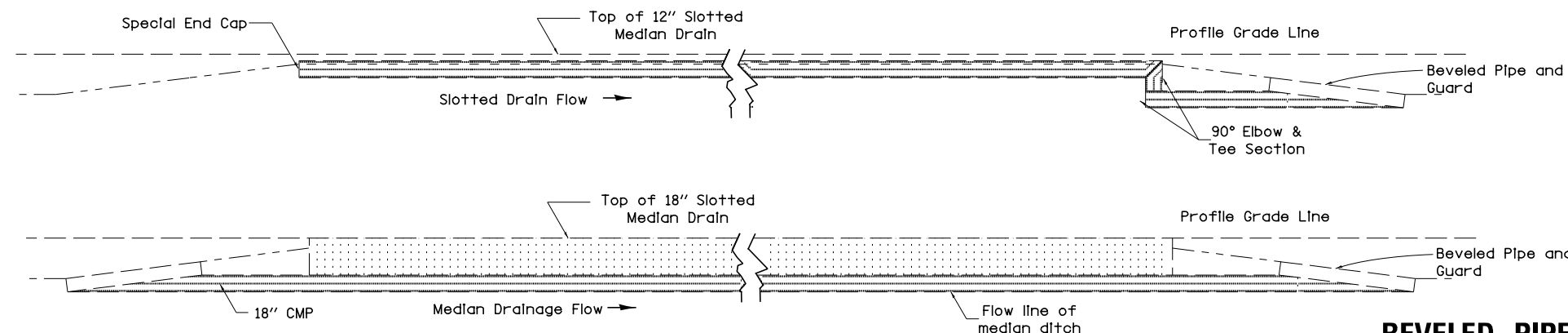
SECTION A-A



SECTION B-B

TABLE OF DIMENSIONS				
PIPE SIZE	A	B	C	D
12	9' - 6'	36	6'	10'
18	13' - 10"	42	10' - 4"	14' - 10"

TYPICAL SECTION THRU CENTERLINE OF MEDIAN CROSSOVER



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

BEVELED PIPE & GUARD DETAIL FOR MEDIAN CROSSOVER

86.1

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 5-27-09
V:\3369\CADD Sheets\0264878_sht.district	2-detail-12.dgn	DRAWN -	REVISED -
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	PLOT DATE = 3/17/2015	DATE -	REVISED -

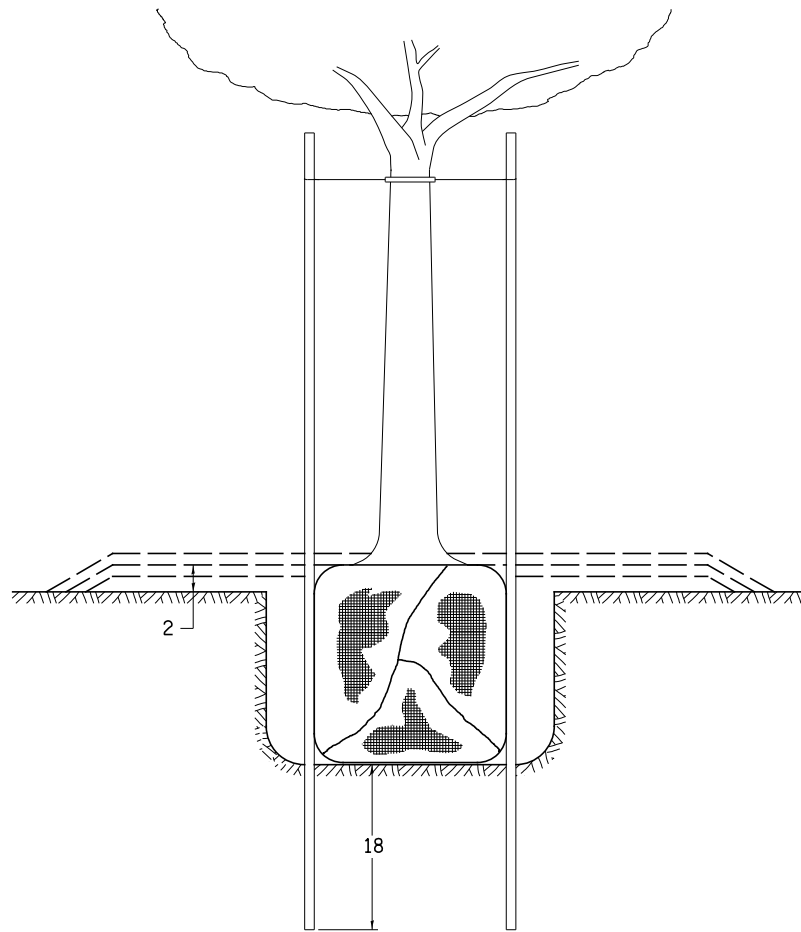
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

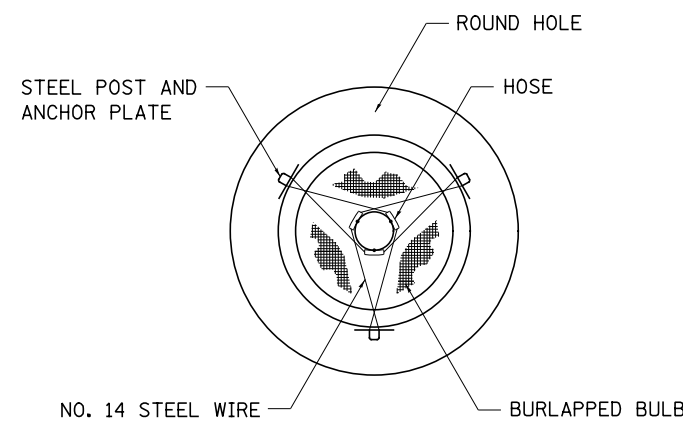
SCALE: SHEET NO. 12 OF 13 SHEETS STA. TO STA.

** ROCK ISLAND / HENRY			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
80	*	**	430
* 37-1BR-1, 81-1VBR & 81-1HBR-1			SHEET NO. 343
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64B78

DETAILS OF PLANTING AND BRACING TREES

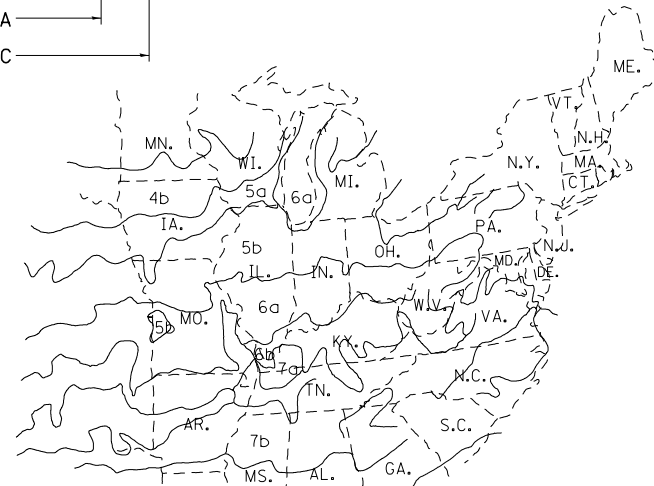
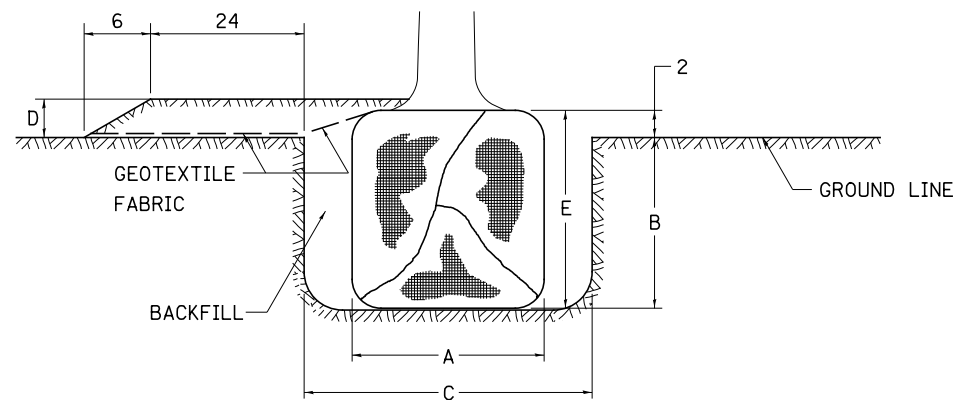


TREES SMALLER THAN 4 1/2 IN DIAMETER



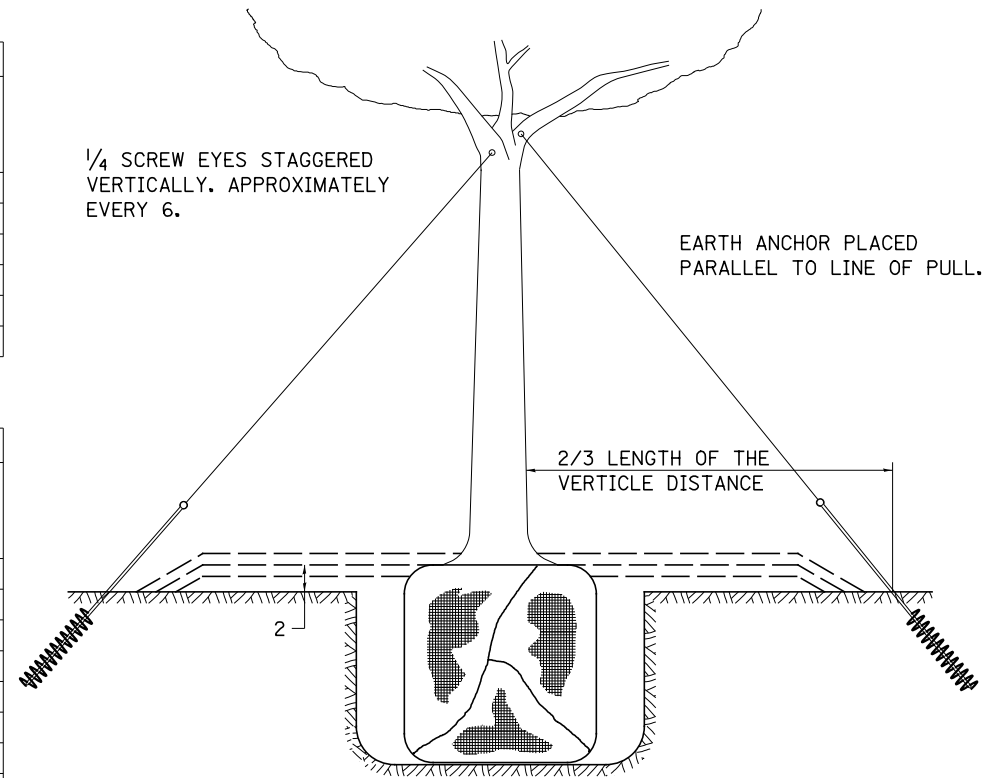
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

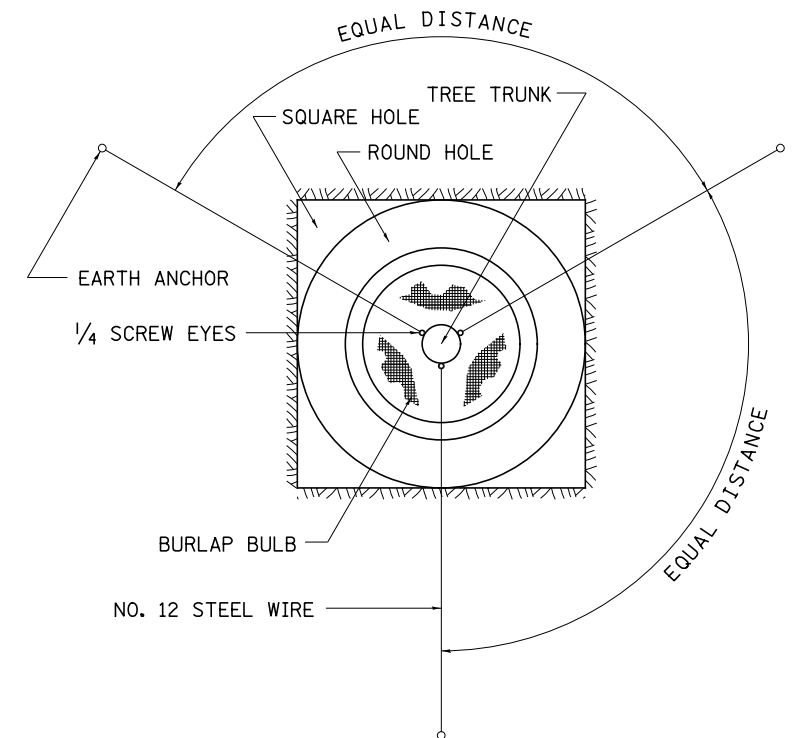


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

DETAILS OF PLANTING AND BRACING TREES

92.1

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED - 10-18-11
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	PLOT DATE = 3/17/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

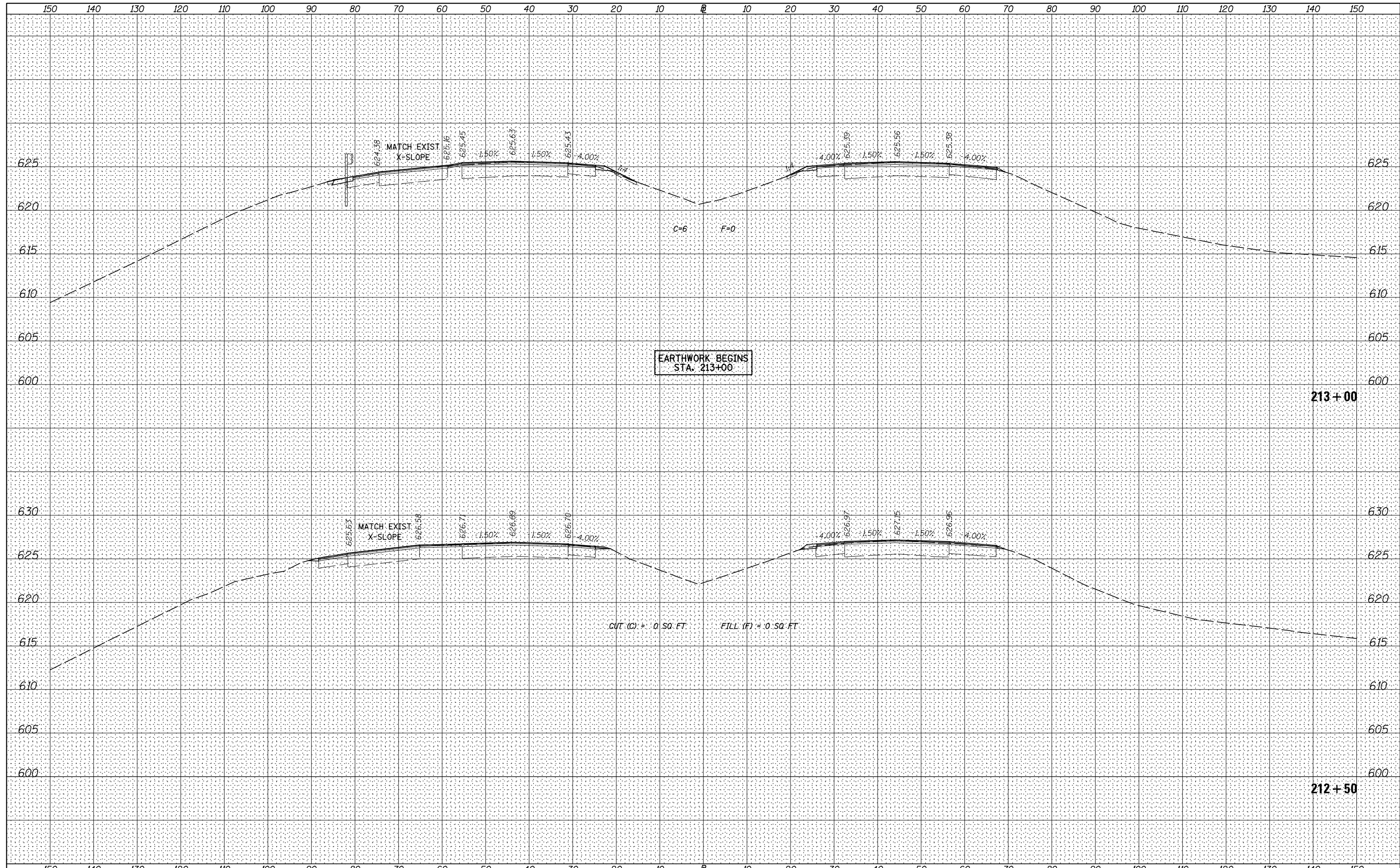
SCALE: SHEET NO. 13 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	**	430	344
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** ROCK ISLAND / HENRY

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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
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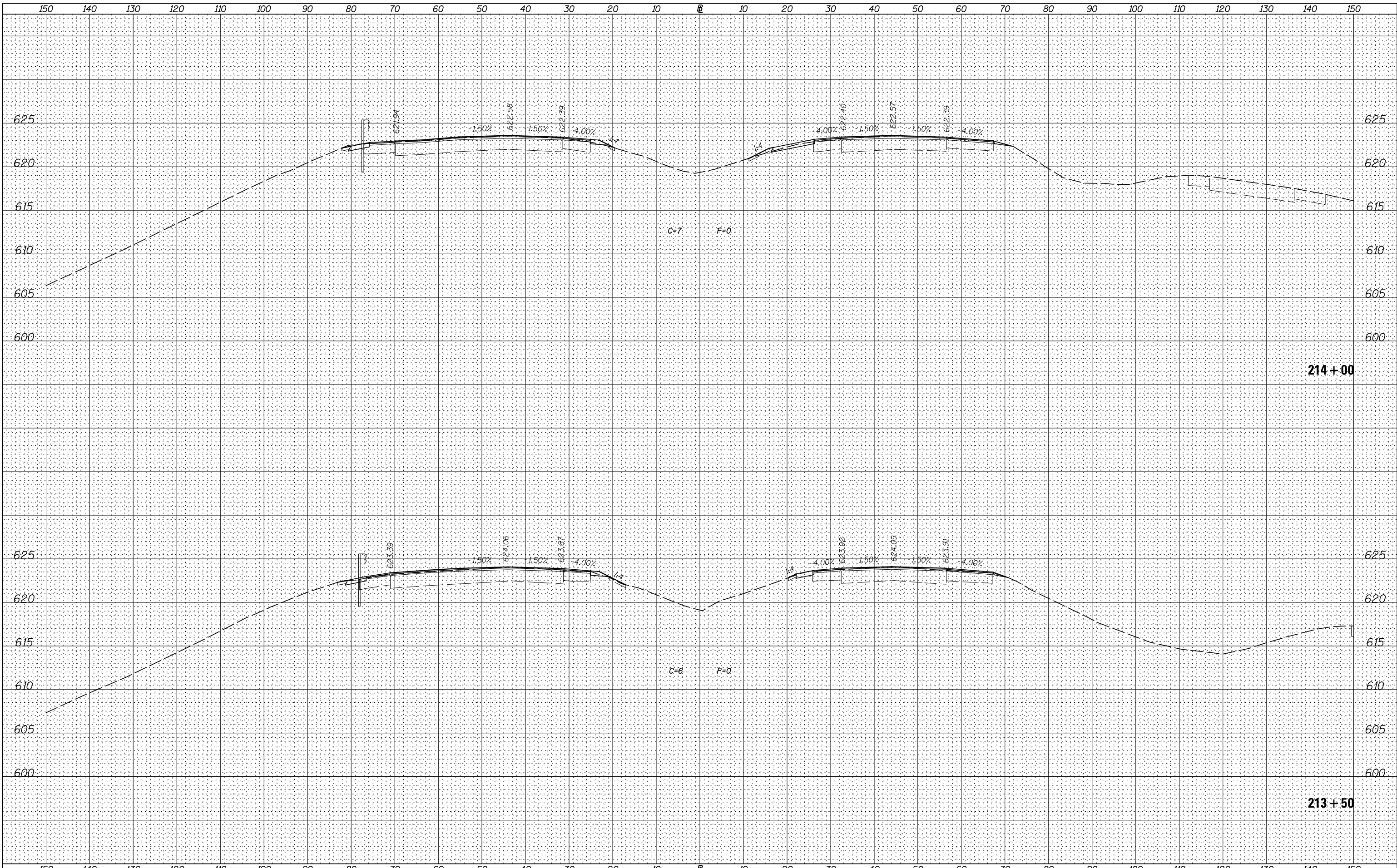
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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V:\3369\CADD Sheets\0264878.sht.xssht.1-80-resurf-L.dgn	DRAWN - RMD	REVISED -	80			*	ROCK ISLAND	430	345	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
	PLOT DATE = 3/19/2015	DATE - 12/10/14	REVISED -			SCALE: H=10 V=5		SHEET 1 OF 83 SHEETS STA. 212+50.0 TO STA. 213+00.0		
						ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 3/19/2015

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 DATE - 12/10/14

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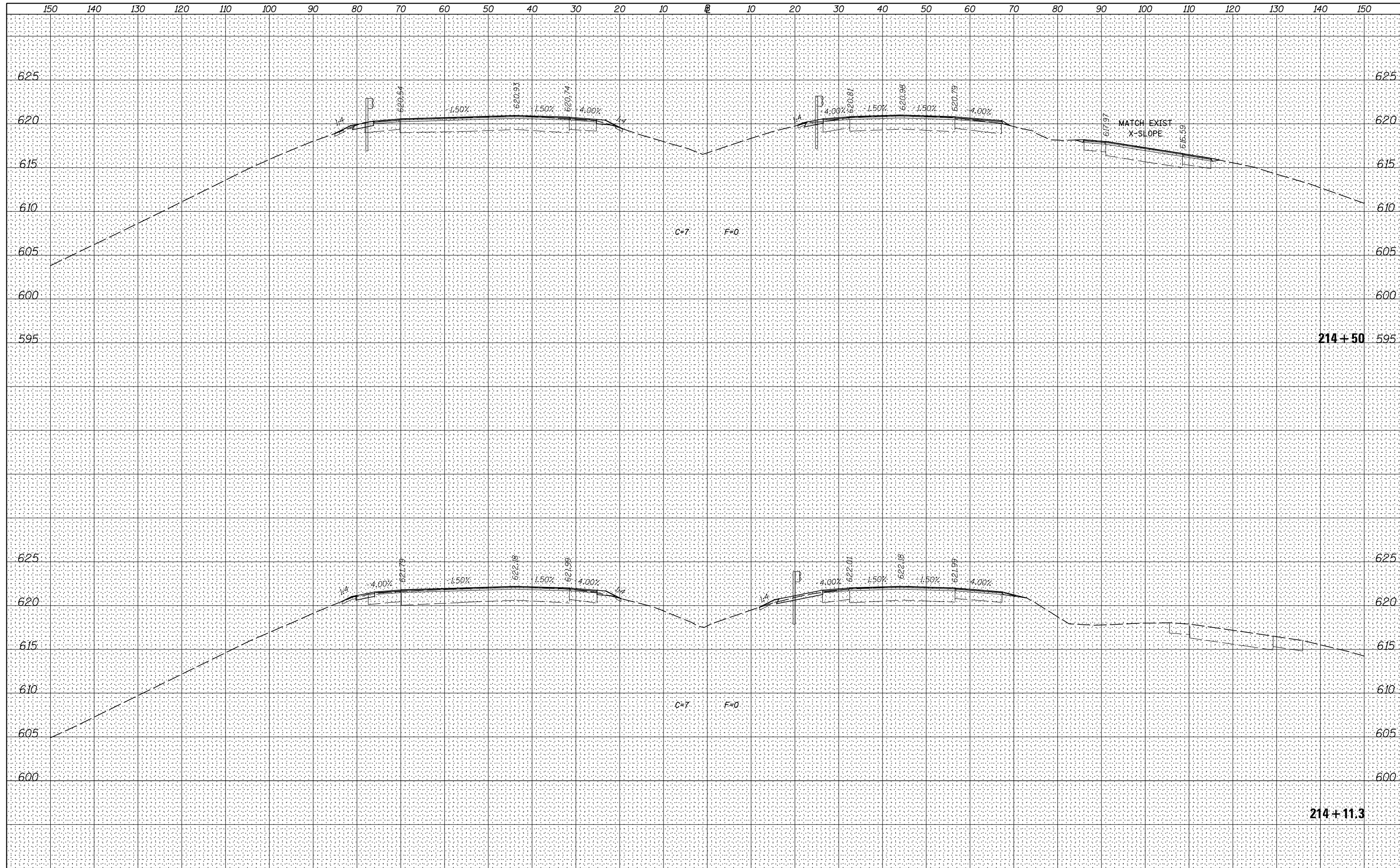
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 2 OF 83 SHEETS STA. 213+50.0 TO STA. 214+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	346
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED
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		DRAWN - RMD	REVISÉD -
		CHECKED - DJD	REVISÉD -
		DATE - 12/10/14	REVISÉD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

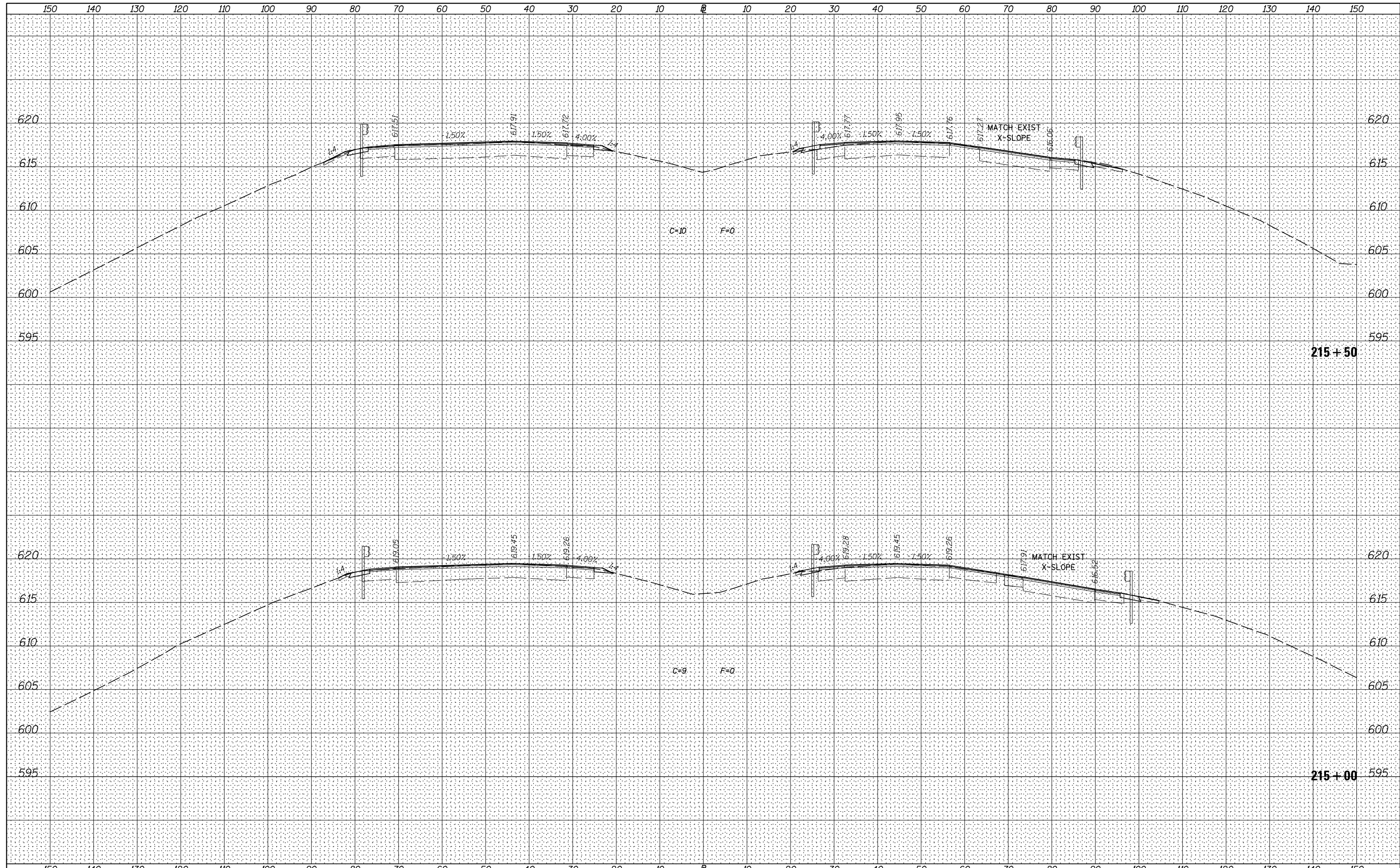
SCALE: H=10 V=5 SHEET 3 OF 83 SHEETS STA. 214+11.3 TO STA. 214+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	347
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		

ILLINOIS FED. AID PROJECT

BY	DATE
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FINAL SURVEY NO.	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

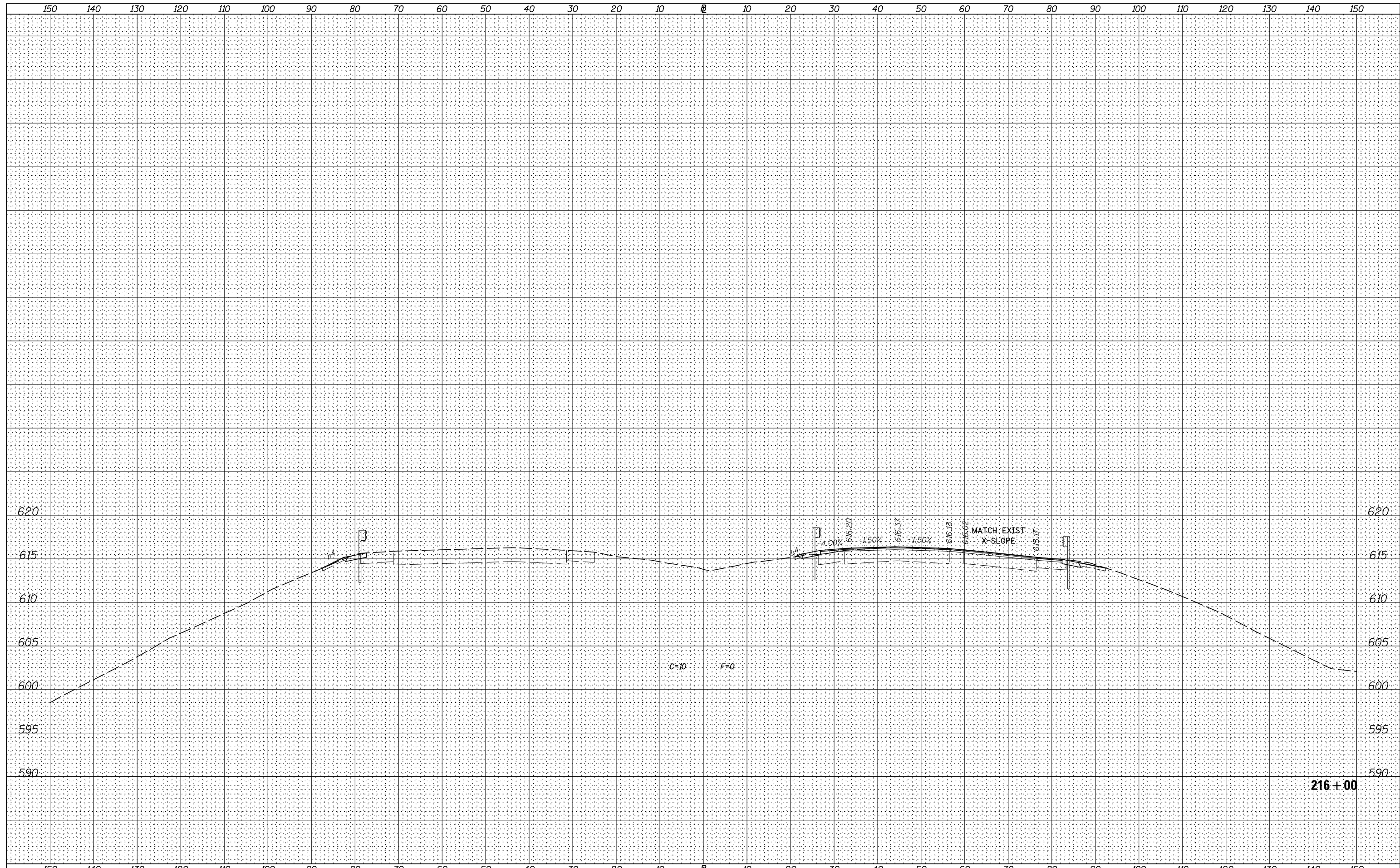
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 4 OF 83 SHEETS STA. 215+00.0 TO STA. 215+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	348
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64878	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	
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216+00

FILE NAME =	USER NAME = bdecreane	DESIGNED - LDZ	REVISED -
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		DATE - 12/10/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

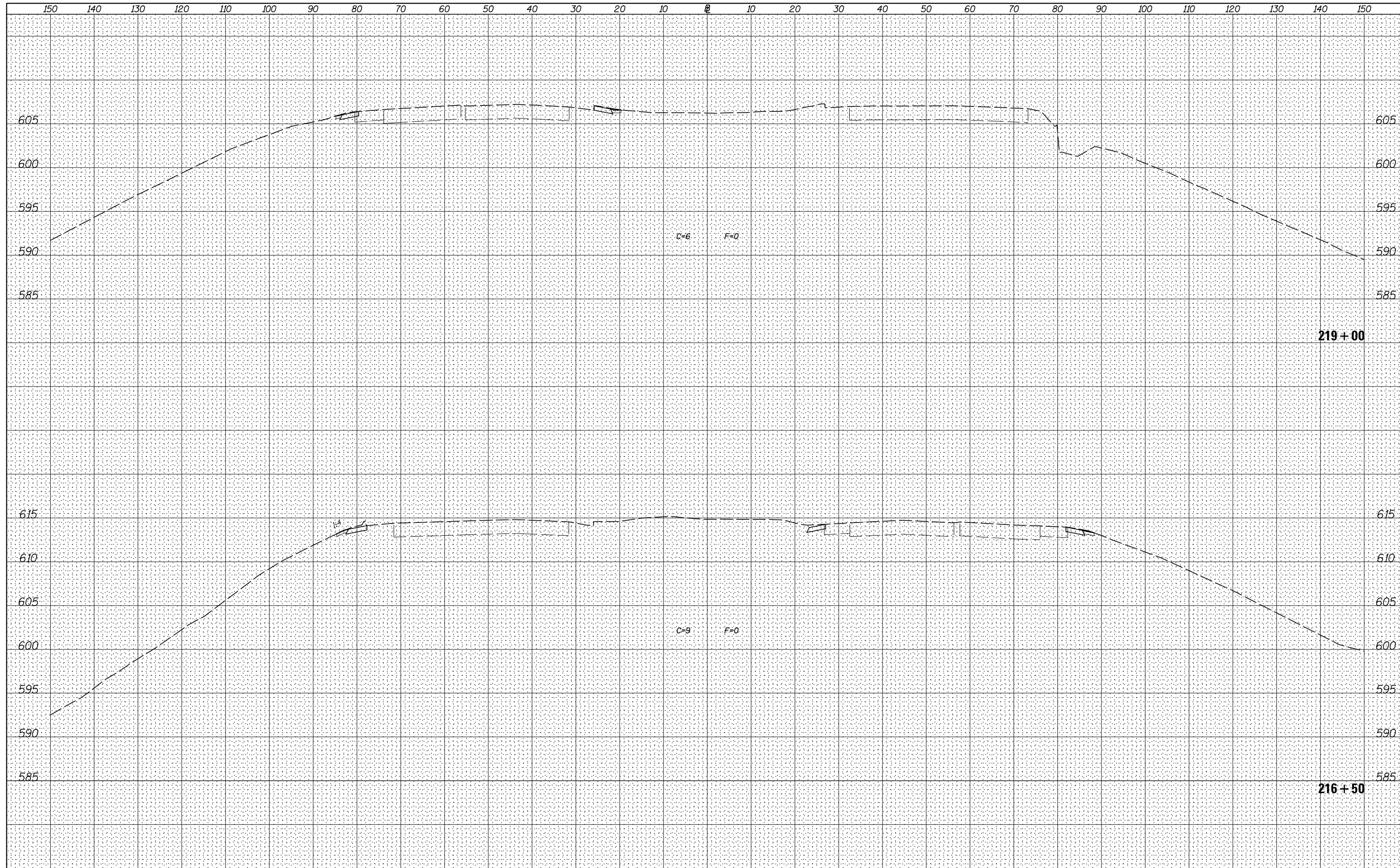
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 5 OF 83 SHEETS STA. 216+00.0 TO STA. 216+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	349
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

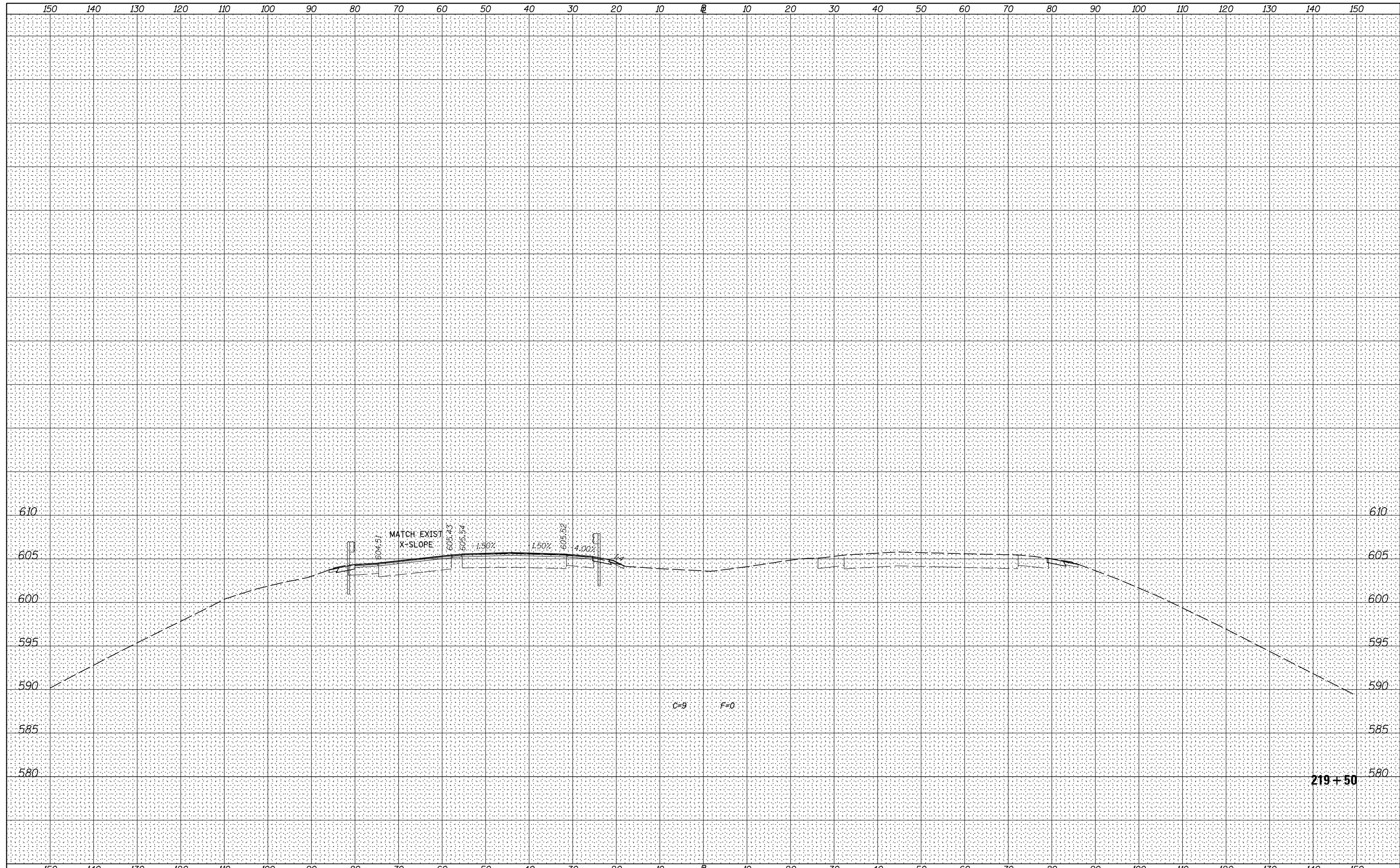
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 6 OF 83 SHEETS STA. 216+50.0 TO STA. 219+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	350
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64878		
ILLINOIS FED. AID PROJECT				

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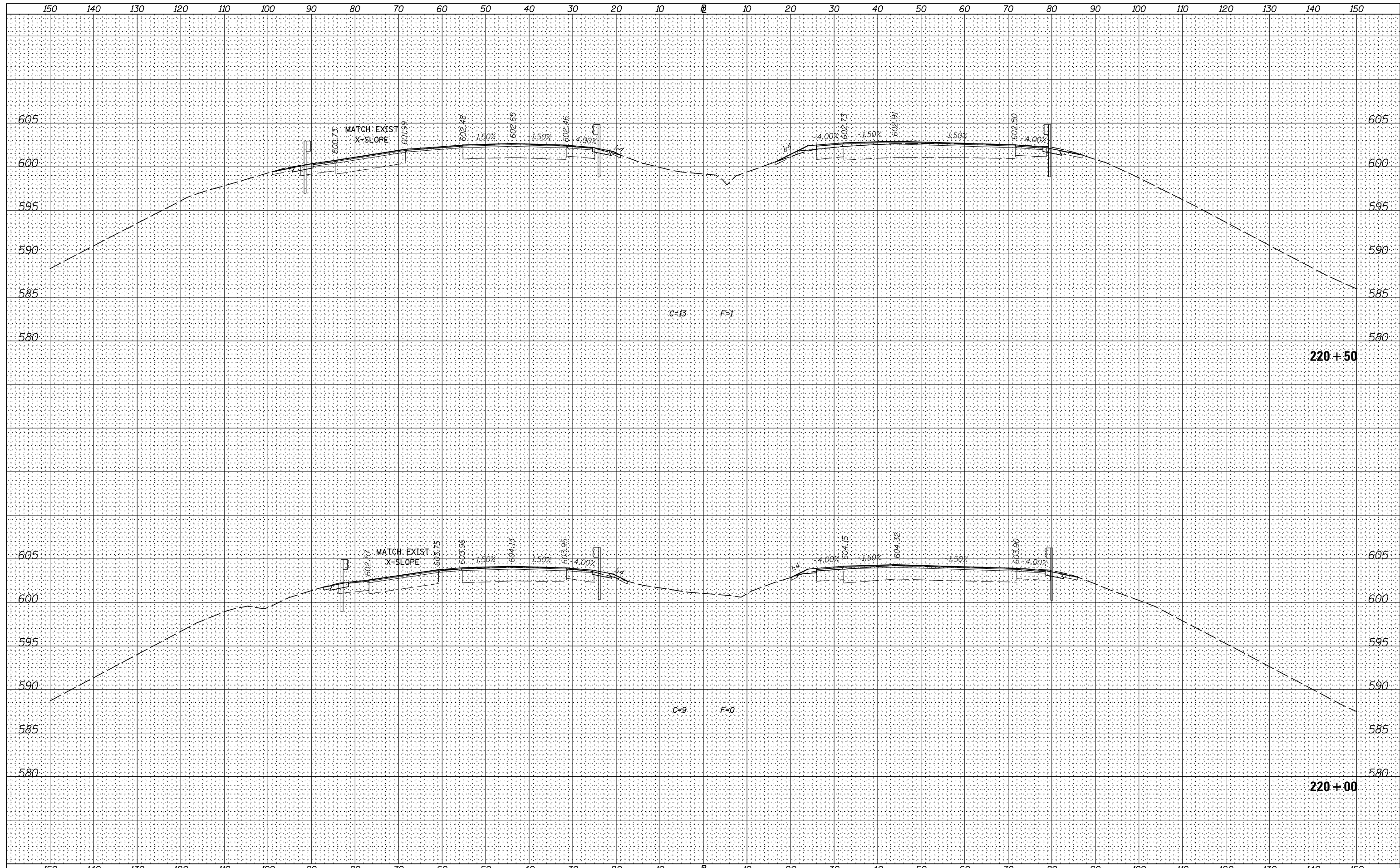
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FILE NAME =	USER NAME = bdecreane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 (F.A.I. RTE. 80) CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3369\CADD Sheets\0264878.sht.xssht.1-80-resurf-1.dgn	DRAWN - RMD	REVISED -	80			*	ROCK ISLAND	430	351	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64878		
	PLOT DATE = 3/19/2015	DATE - 12/10/14	REVISED -			SCALE: H=10 V=5 SHEET 7 OF 83 SHEETS STA. 219+50.0 TO STA. 219+50.0		ILLINOIS FED. AID PROJECT		

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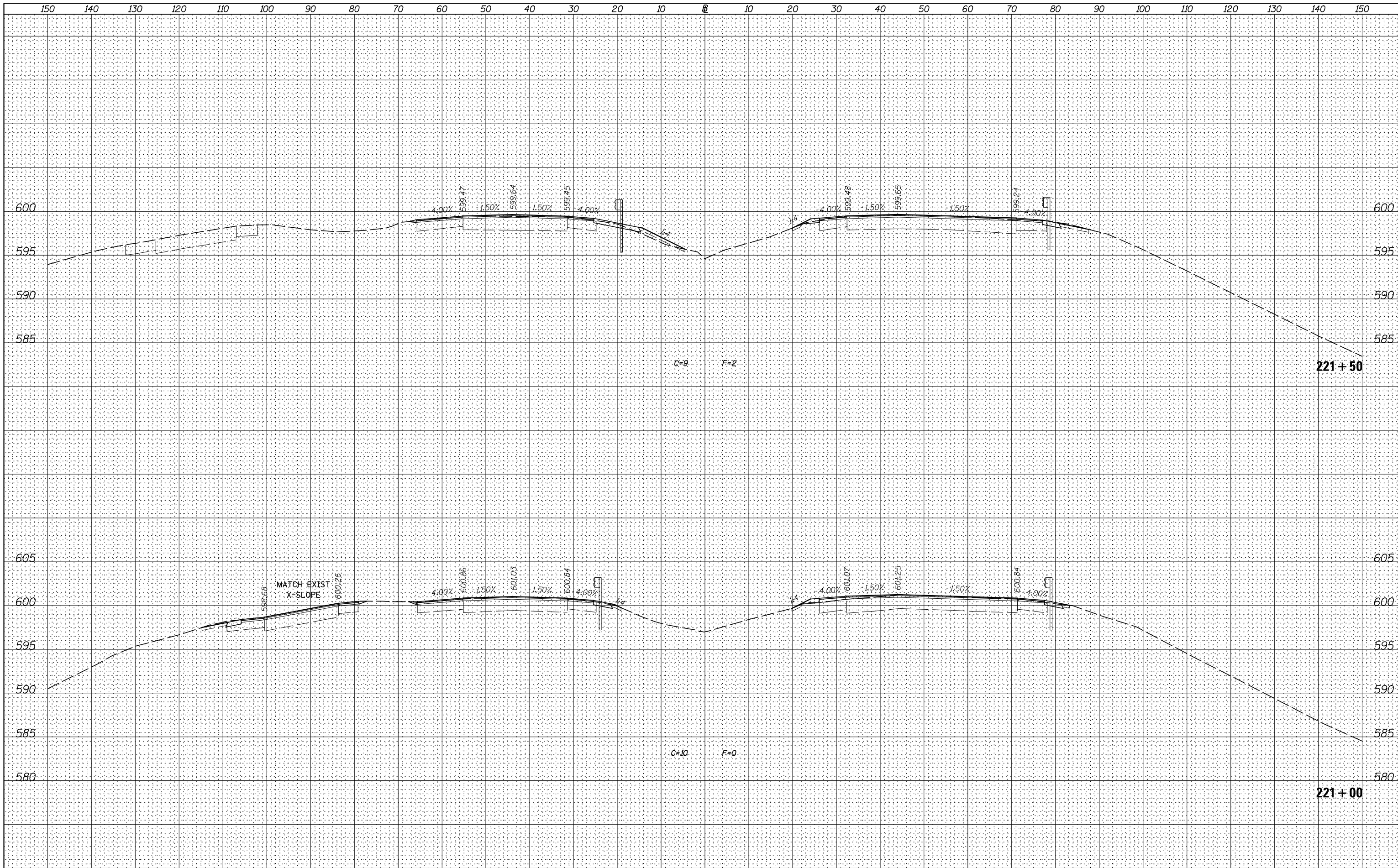
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V:\3369\CADD Sheets\0264878.sht.xssht.1-80-resurf-1.dgn	DRAWN - RMD	REVISIED -	80			*	ROCK ISLAND	430	352	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISIED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64878		
	PLOT DATE = 3/19/2015	DATE - 12/10/14	REVISIED -			SCALE: H=10 V=5		SHEET 8 OF 83 SHEETS		
						STA. 220+00.0		TO STA. 220+50.0		ILLINOIS FED. AID PROJECT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

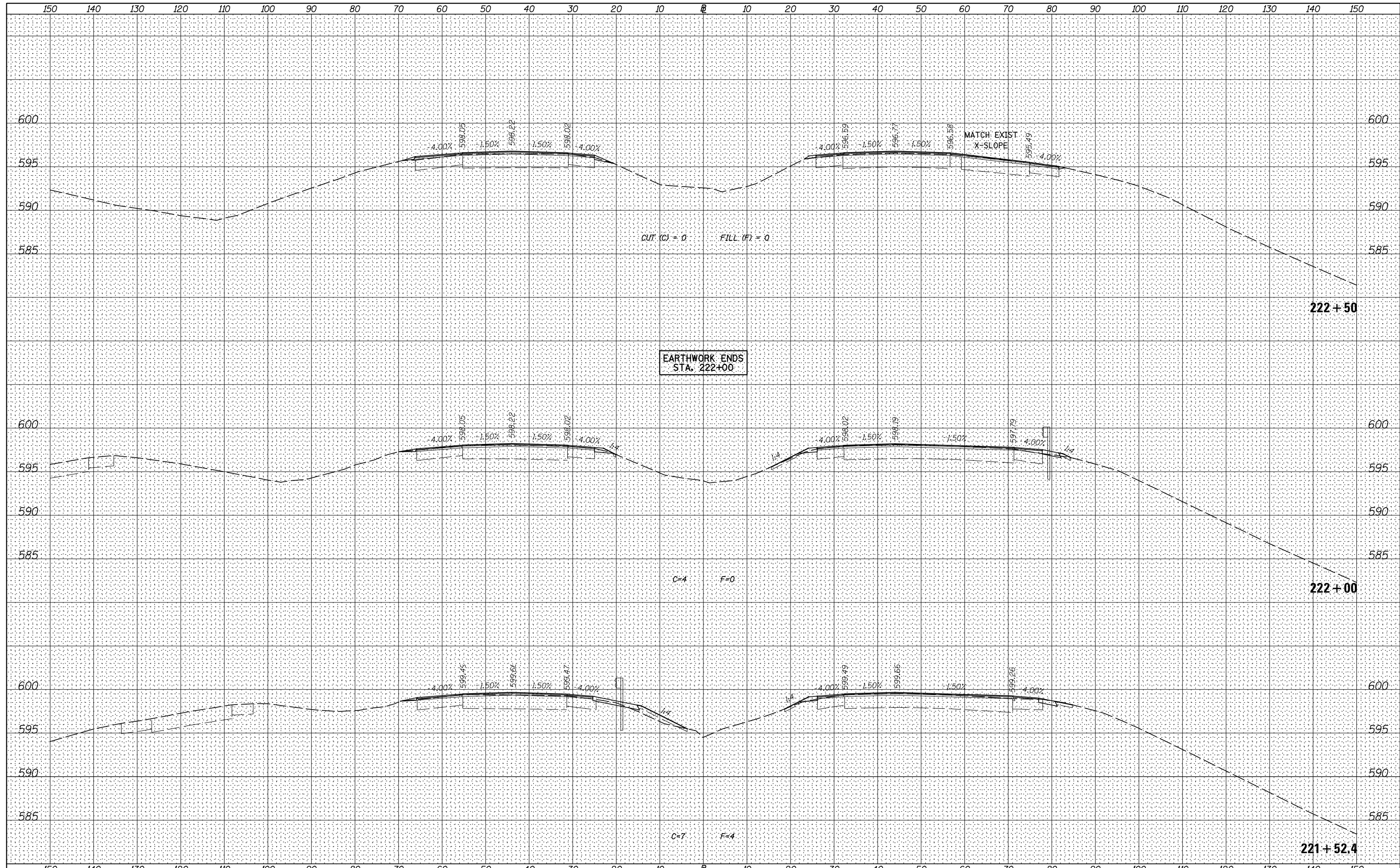
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 9 OF 83 SHEETS STA. 221+00.0 TO STA. 221+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	353
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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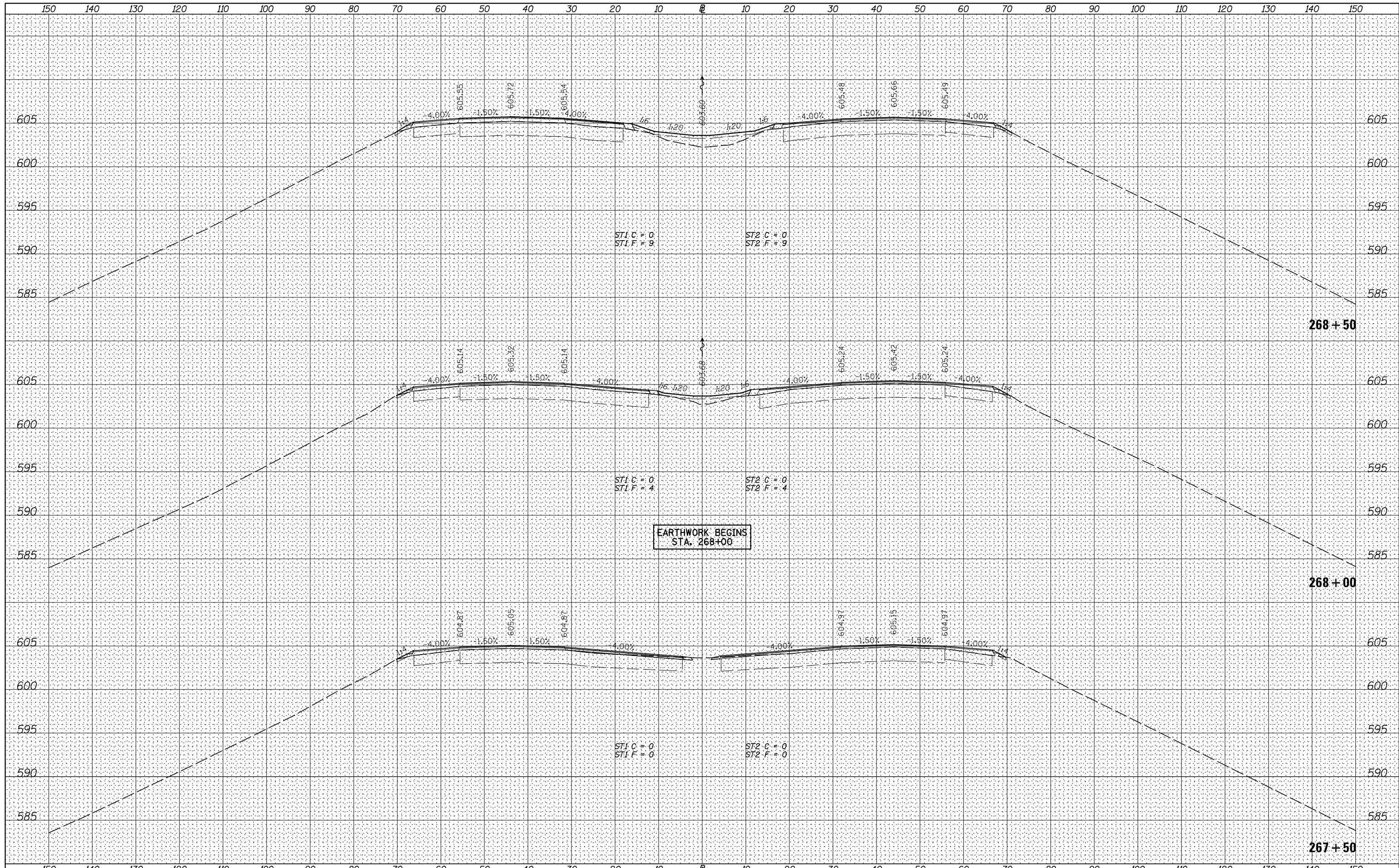
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V:\3369\CADD Sheets\0264878.sht.xssht.1-80-resurf-1.dgn	DRAWN - RMD	REVISED -	80			*	ROCK ISLAND	430	354	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
	PLOT DATE = 3/19/2015	DATE - 12/10/14	REVISED -			SCALE: H=10 V=5		SHEET 10 OF 83 SHEETS STA. 221+52.4 TO STA. 222+50.0		
										ILLINOIS FED. AID PROJECT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

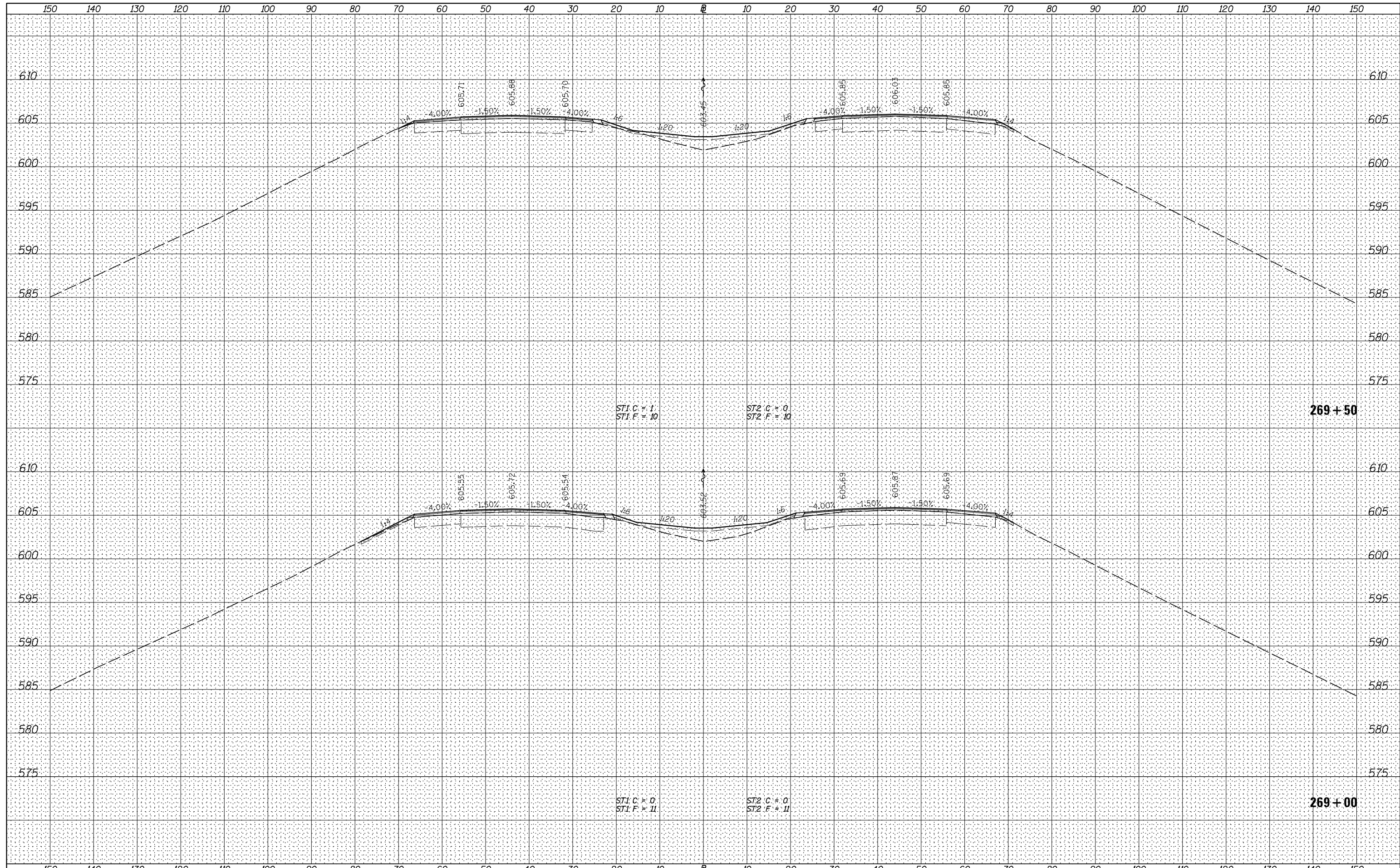
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 11 OF 83 SHEETS STA. 267+50.0 TO STA. 268+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	355
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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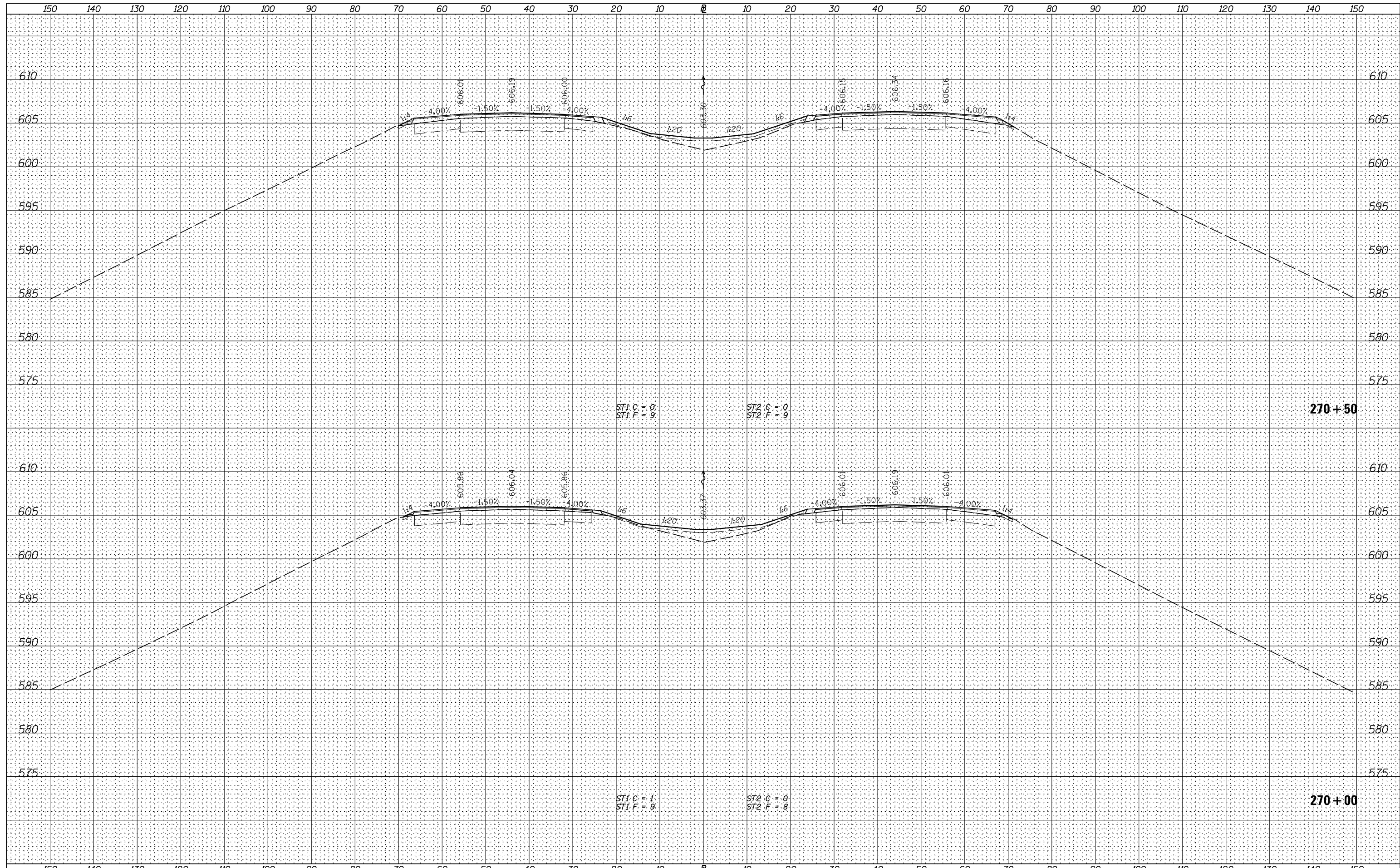
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V:\3369\CADD Sheets\0264878_sht.xssht.1-80-recon-1.dgn	DRAWN - RMD	REVISED -	80			*	ROCK ISLAND	430	356	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
	PLOT DATE = 3/17/2015	DATE - 12/10/14	REVISED -			SCALE: H=10 V=5		SHEET 12 OF 83 SHEETS		

SCALE: H=10 V=5 SHEET 12 OF 83 SHEETS STA. 269+00.0 TO STA. 269+50.0

ILLINOIS FED. AID PROJECT

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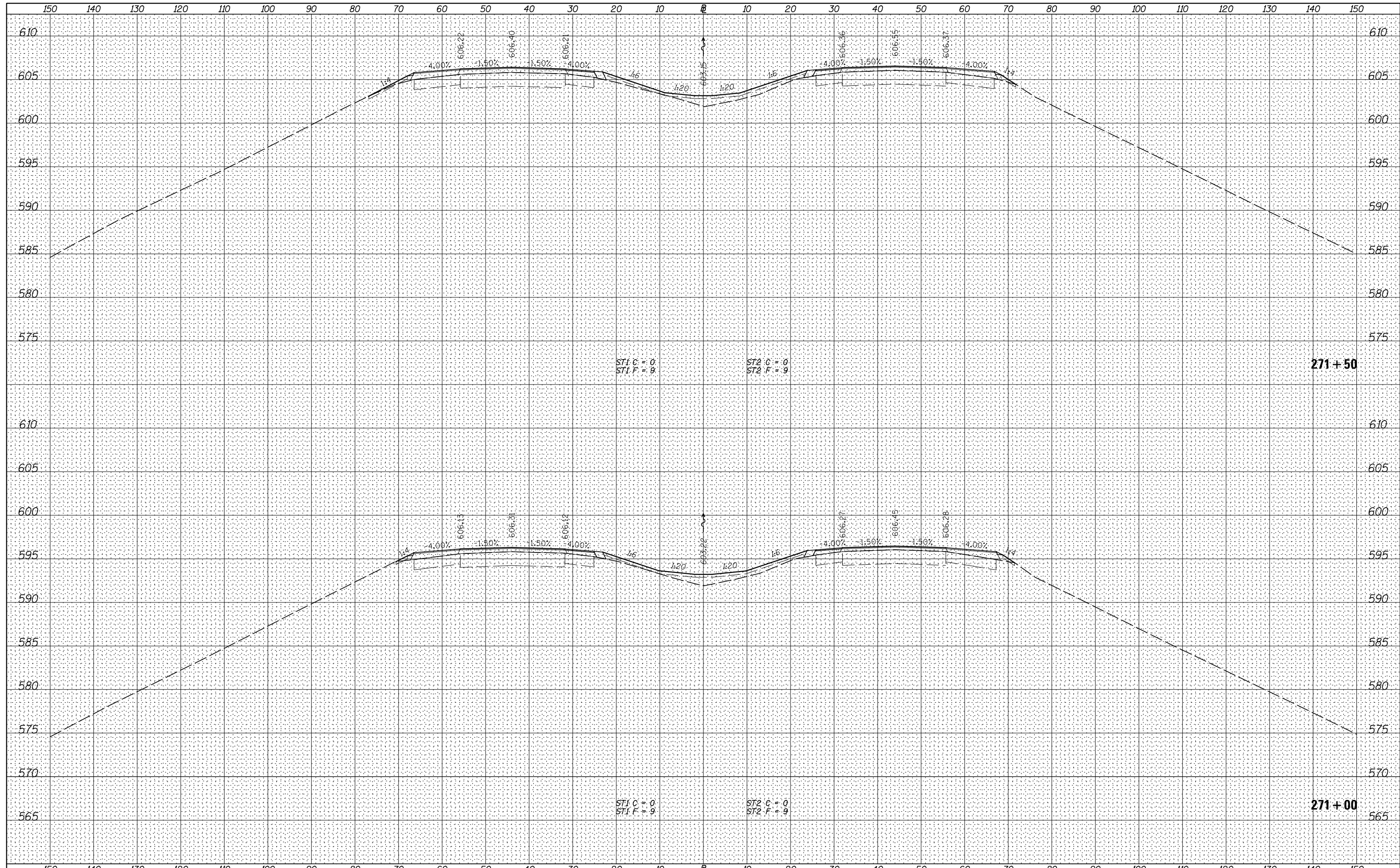
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V:\3369\CADD Sheets\0264878.sht.xsht.1-80-recon-1.dgn		DRAWN - RMD	REVISED -		80	*	ROCK ISLAND	430	357		
Default		CHECKED - DJD	REVISED -		SCALE: H=10 V=5 SHEET 13 OF 83 SHEETS STA. 270+00.0 TO STA. 270+50.0		* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
		DATE - 12/10/14	REVISED -				ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 3/17/2015

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DATE - 12/10/14	REVISIED -

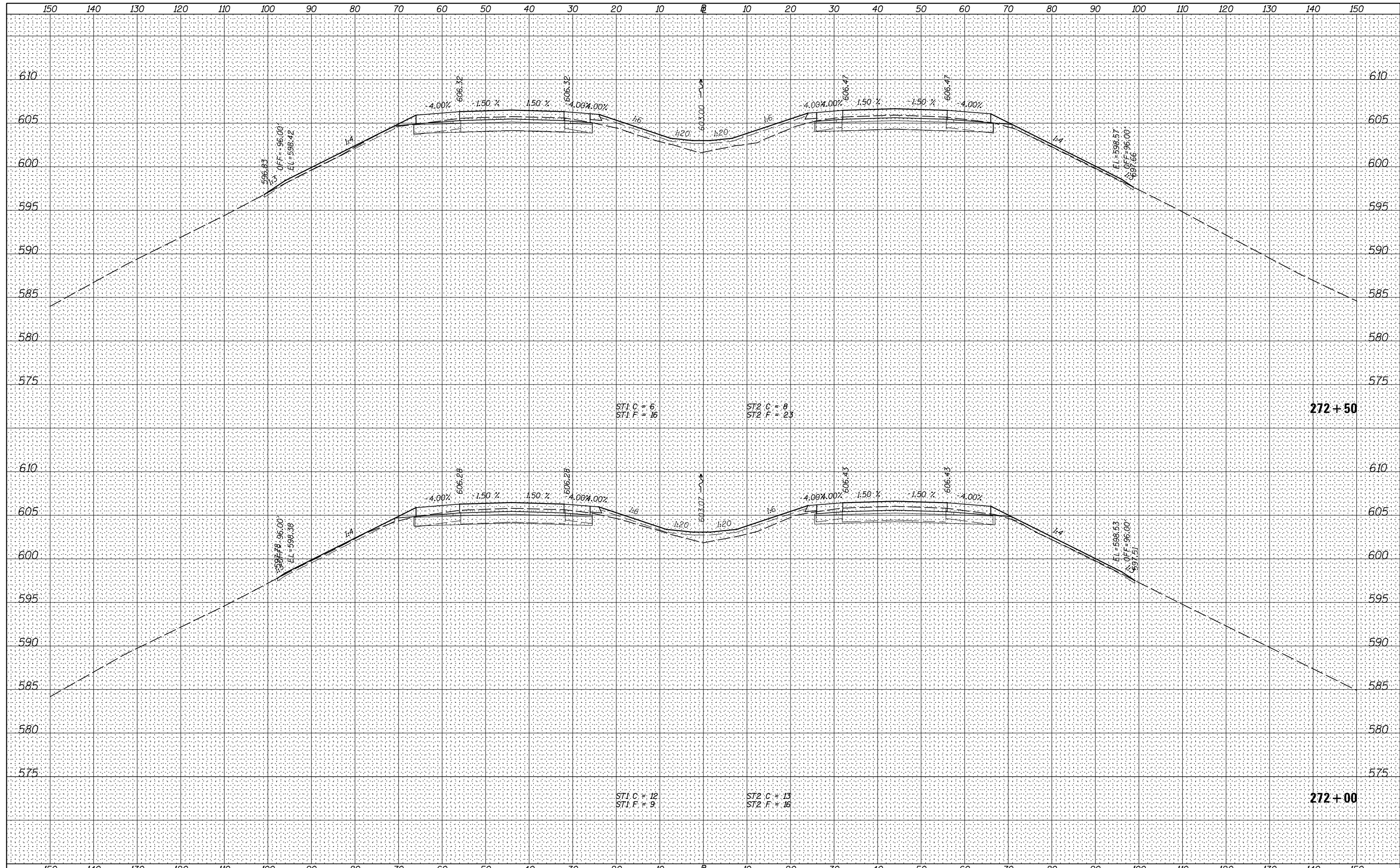
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 14 OF 83 SHEETS STA. 271+00.0 TO STA. 271+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	358
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64878	
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED
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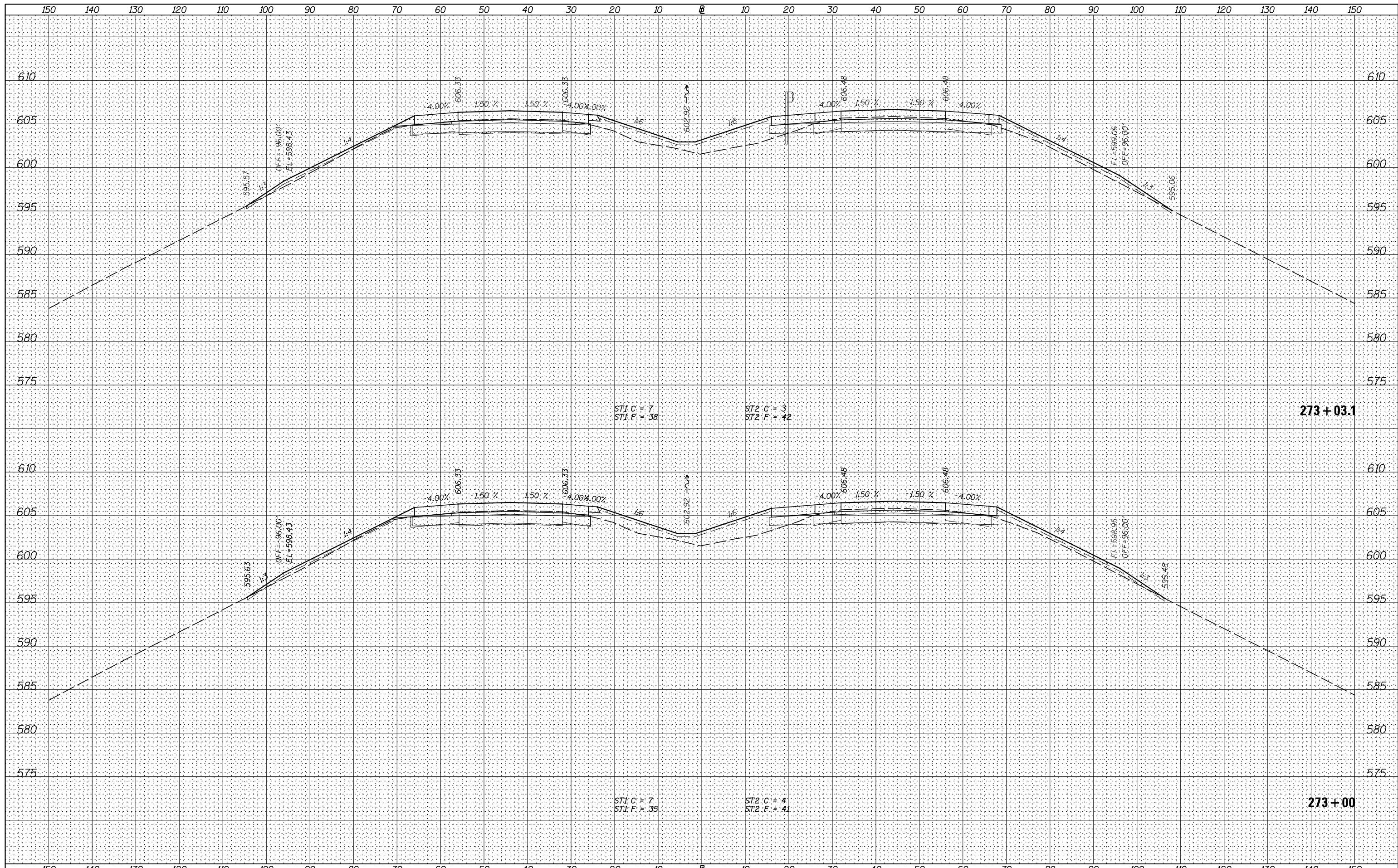
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NOTE BOOK	PLOTTED
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	AREAS
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Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -		SCALE: H=10 V=5	SHEET 15 OF 83 SHEETS	STA. 272+00.0 TO STA. 272+50.0	* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
	PLOT DATE = 3/17/2015	DATE - 12/10/14	REVISED -		ILLINOIS FED. AID PROJECT							

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CHECKED - DJD	REVISIED -
DATE - 12/10/14	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 16 OF 83 SHEETS STA. 273+00.0 TO STA. 273+03.1

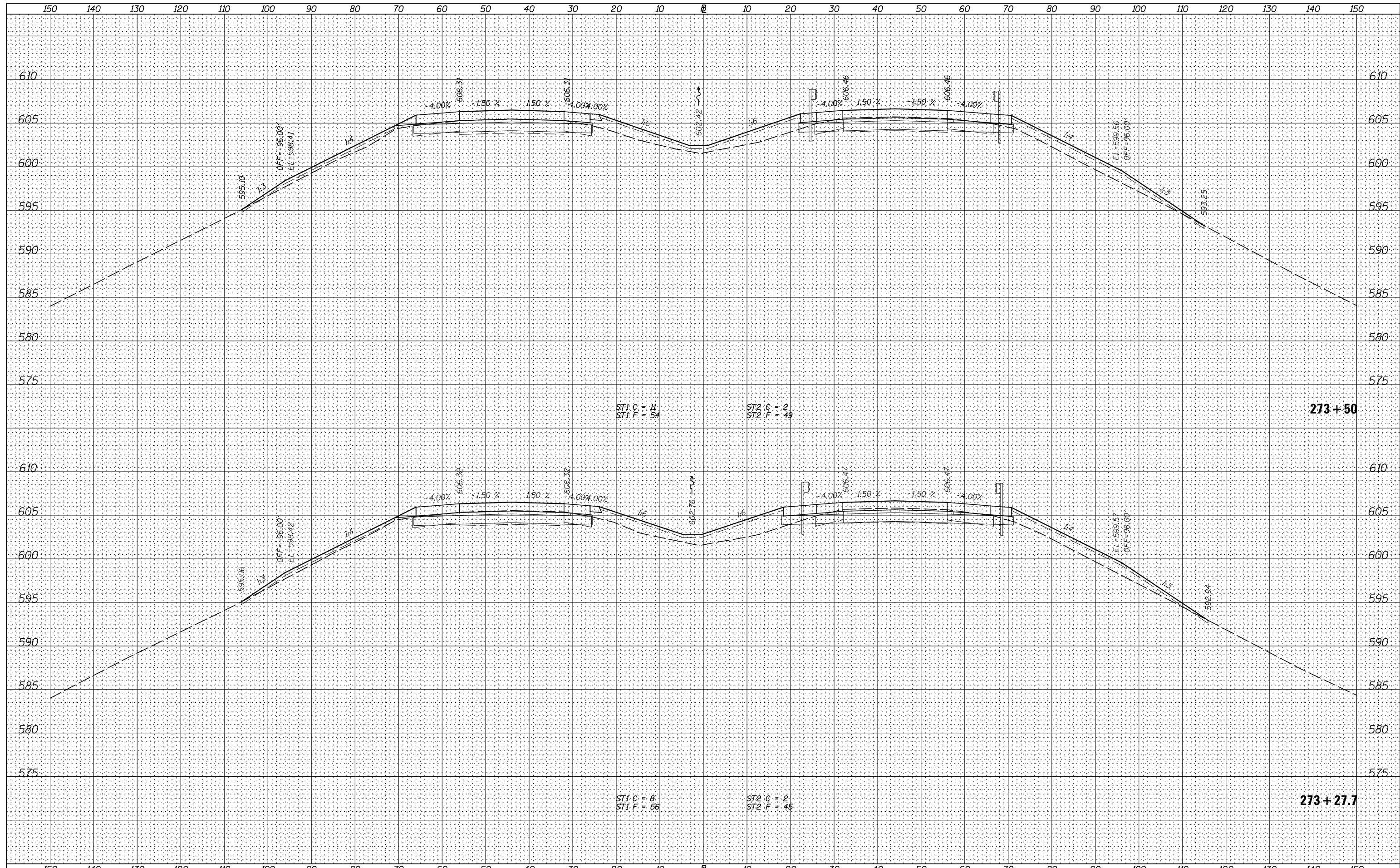
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	360
* 37-IBR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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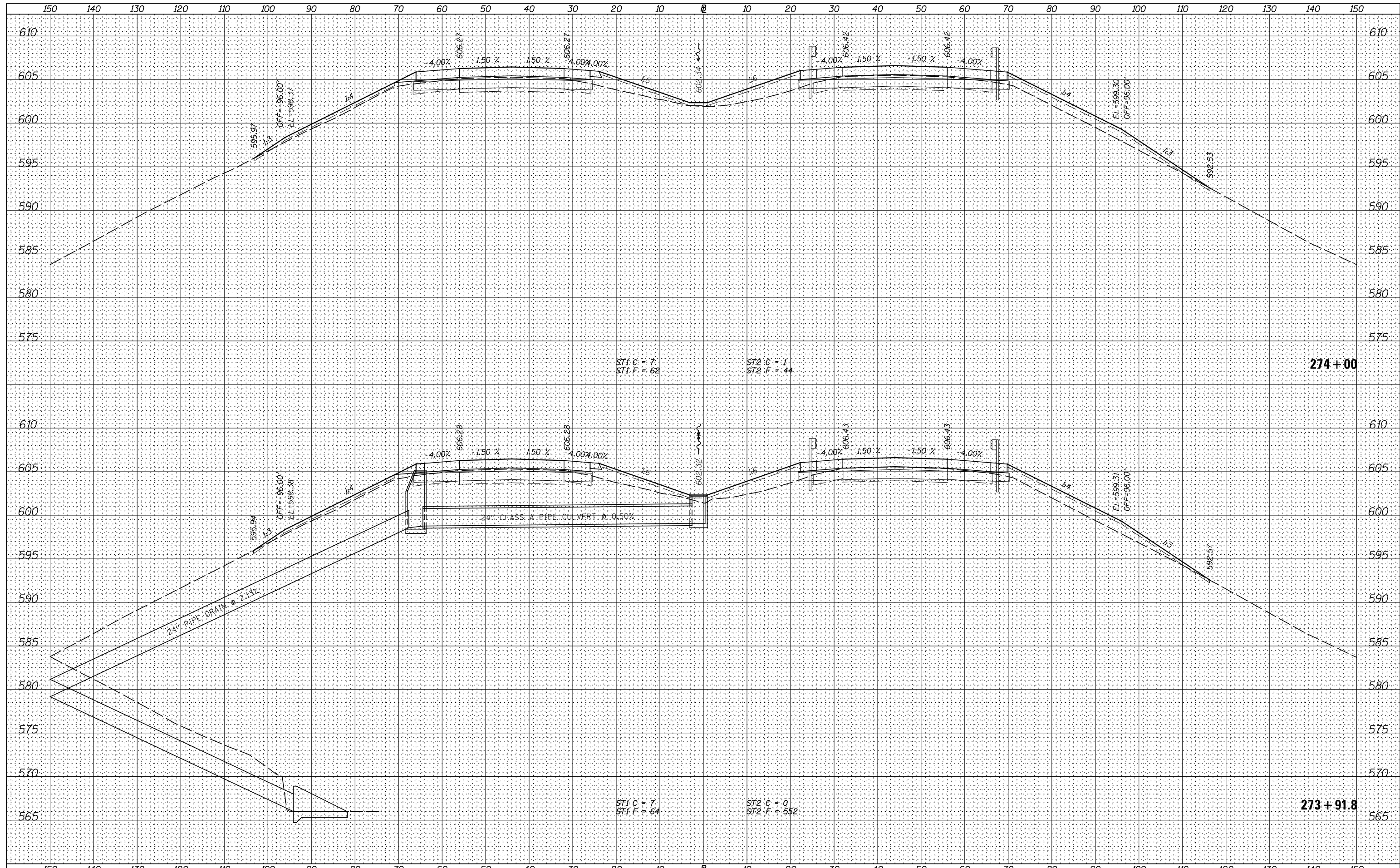
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 17 OF 83 SHEETS STA. 273+27.7 TO STA. 273+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	361
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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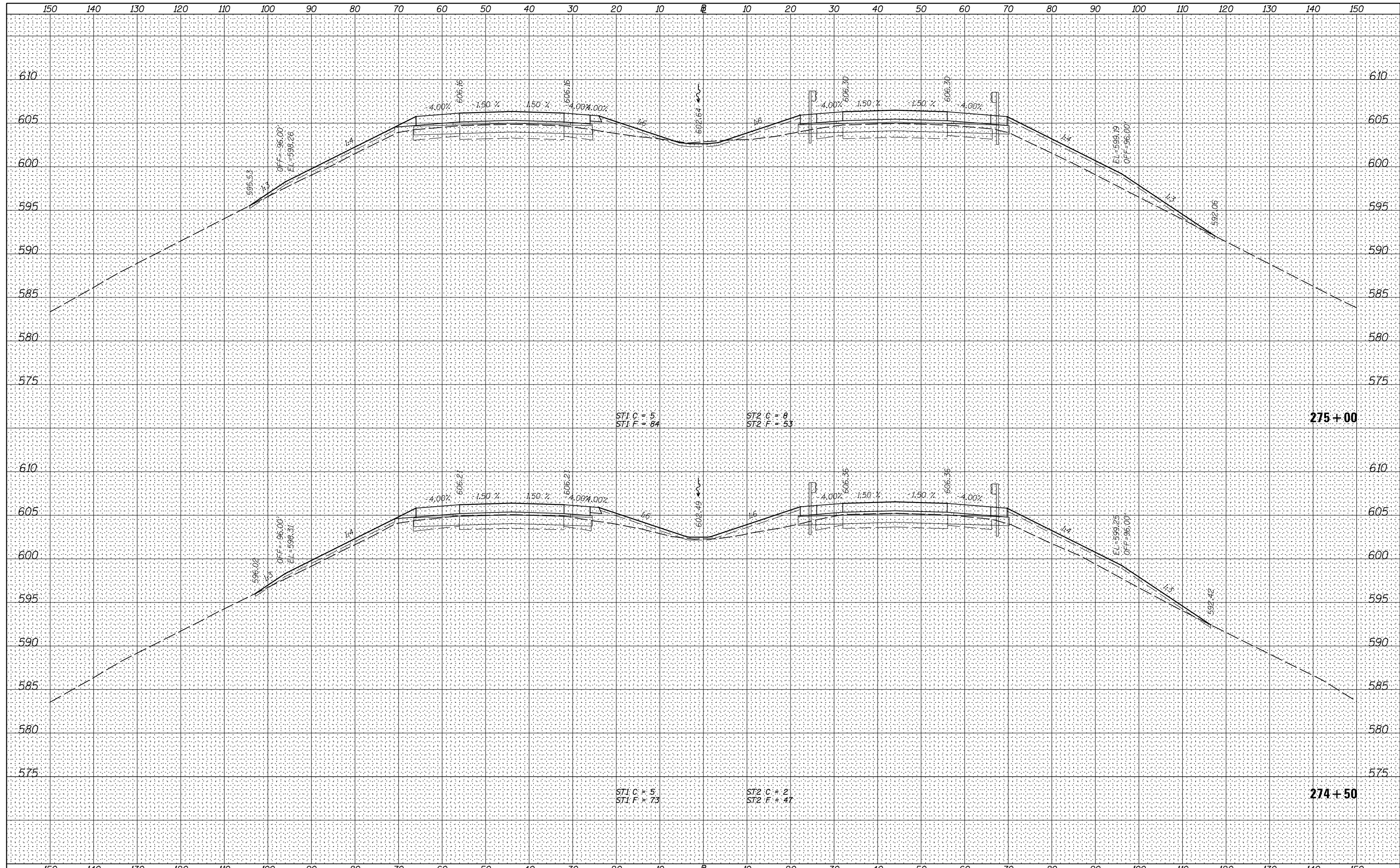
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 18 OF 83 SHEETS STA. 273+91.8 TO STA. 274+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	362
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

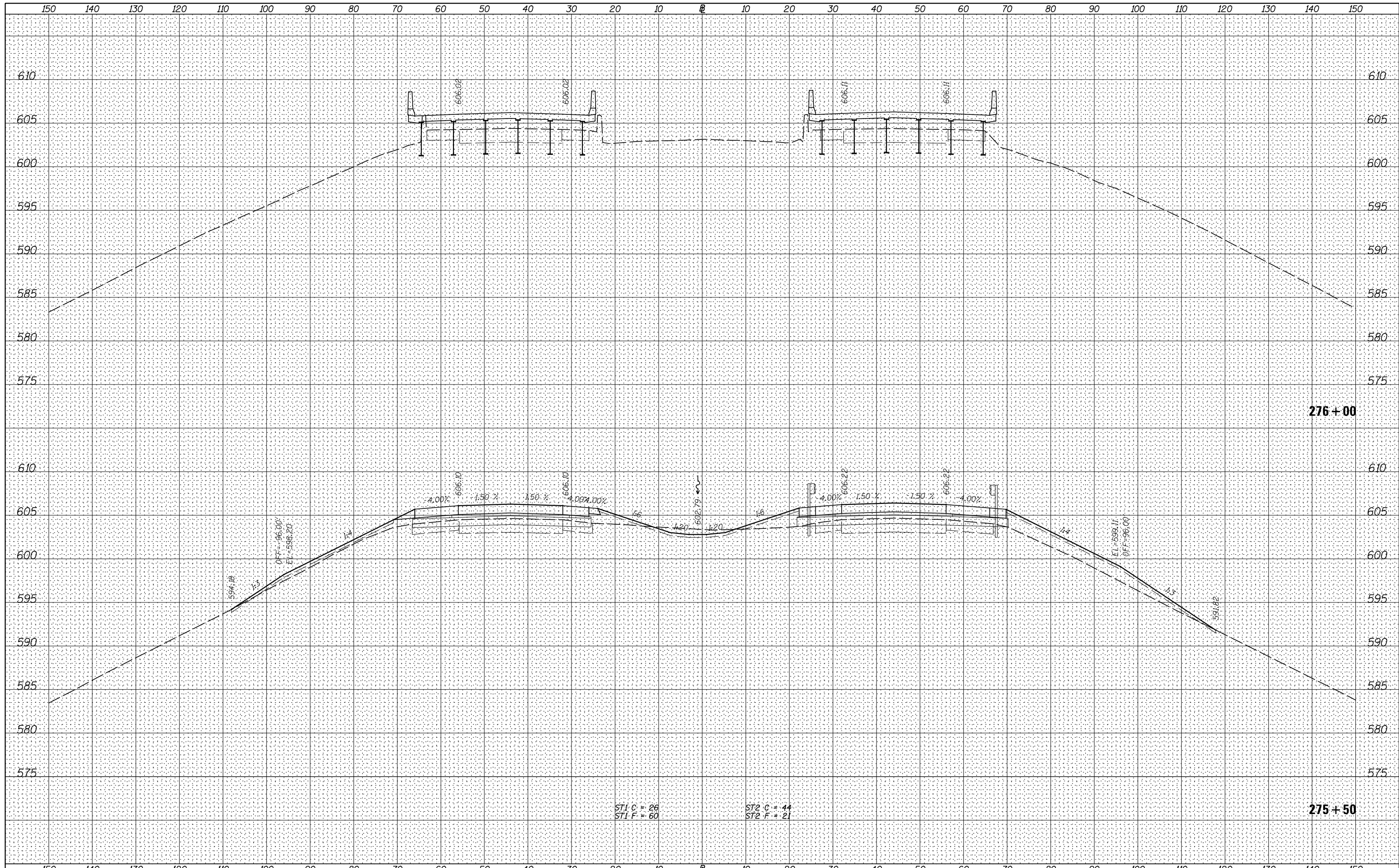
I-80 (F.A.I. RTE. 80) CROSS SECTIONS
SCALE: H=10 V=5 SHEET 19 OF 83 SHEETS STA. 274+50.0 TO STA. 275+00.0

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	363
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

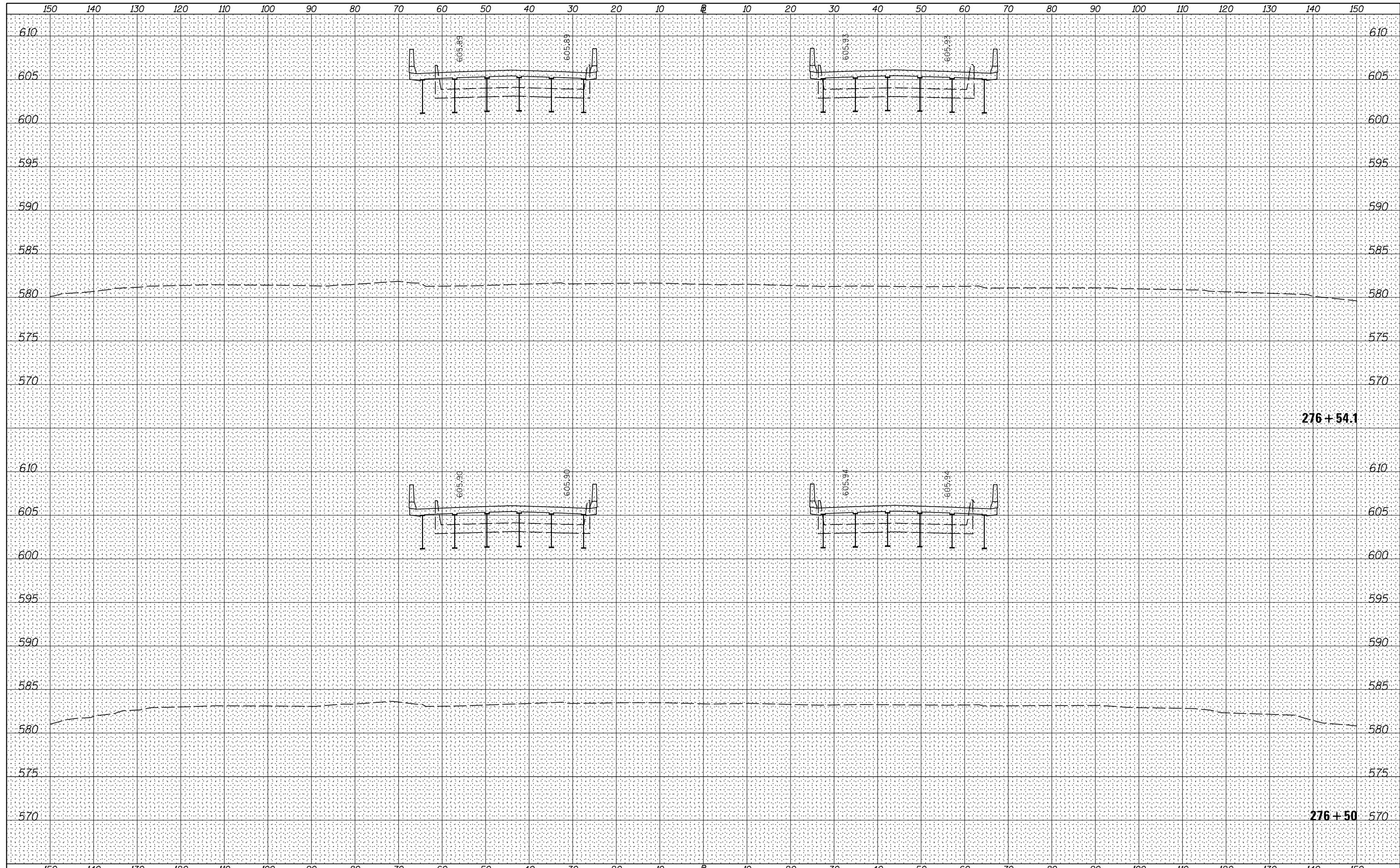
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 20 OF 83 SHEETS STA. 275+50.0 TO STA. 276+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	364
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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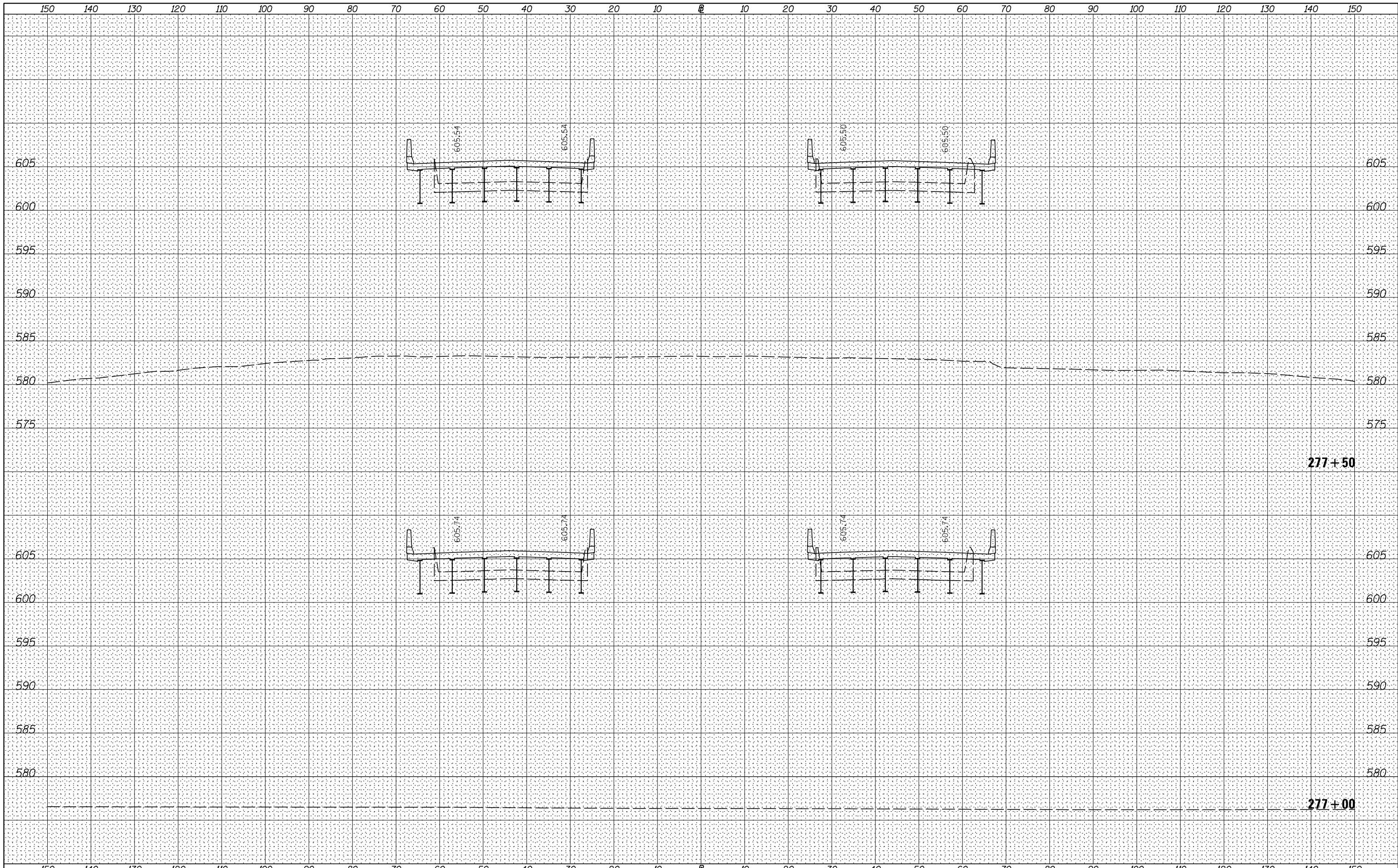
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	PLOT DATE = 3/17/2015	DATE - 12/10/14	REVISIED -			ILLINOIS FED. AID PROJECT				
SCALE: H=10 V=5		SHEET 21 OF 83 SHEETS				STA. 276+50.0 TO STA. 276+54.1				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

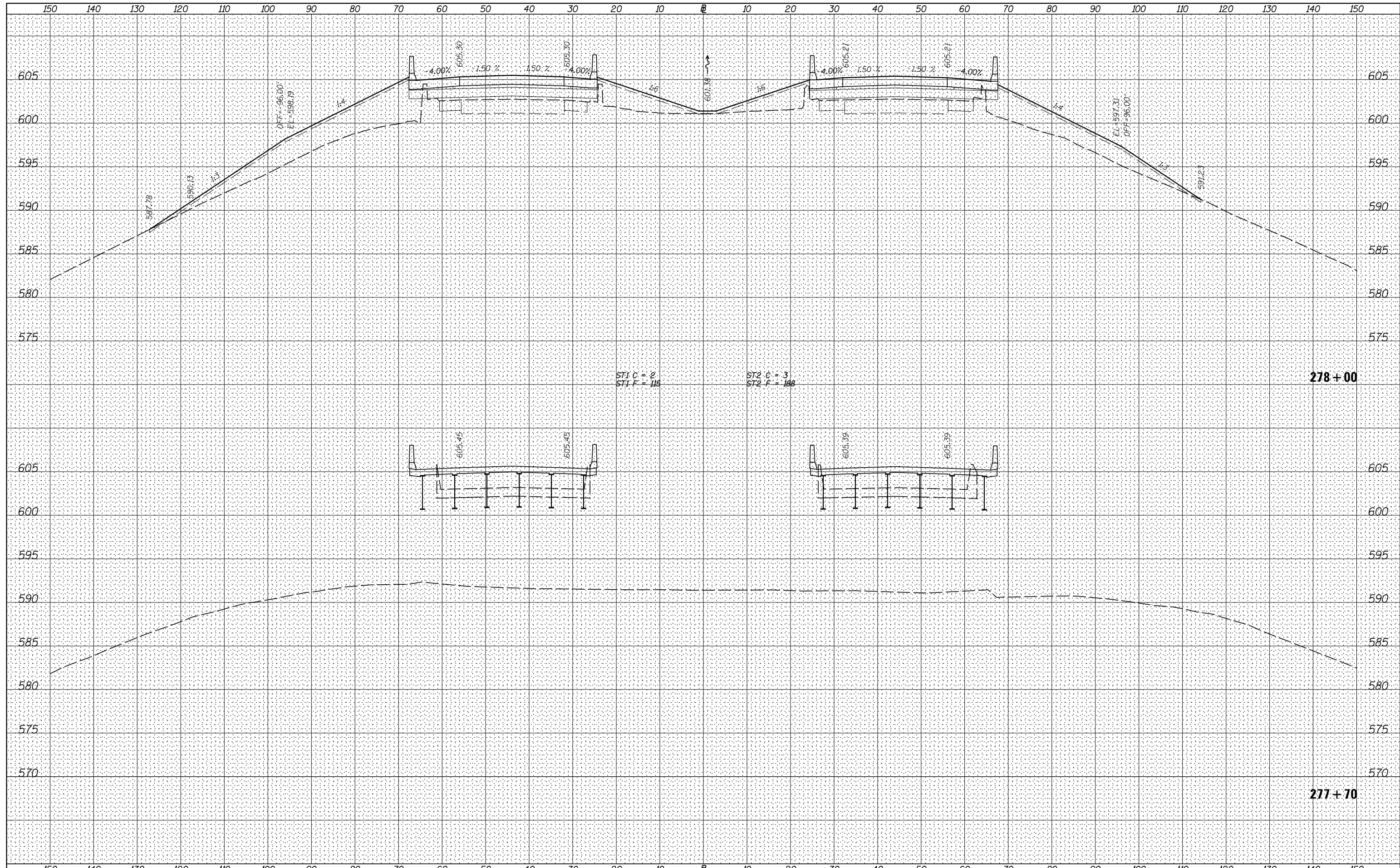
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 22 OF 83 SHEETS STA. 277+00.0 TO STA. 277+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	366
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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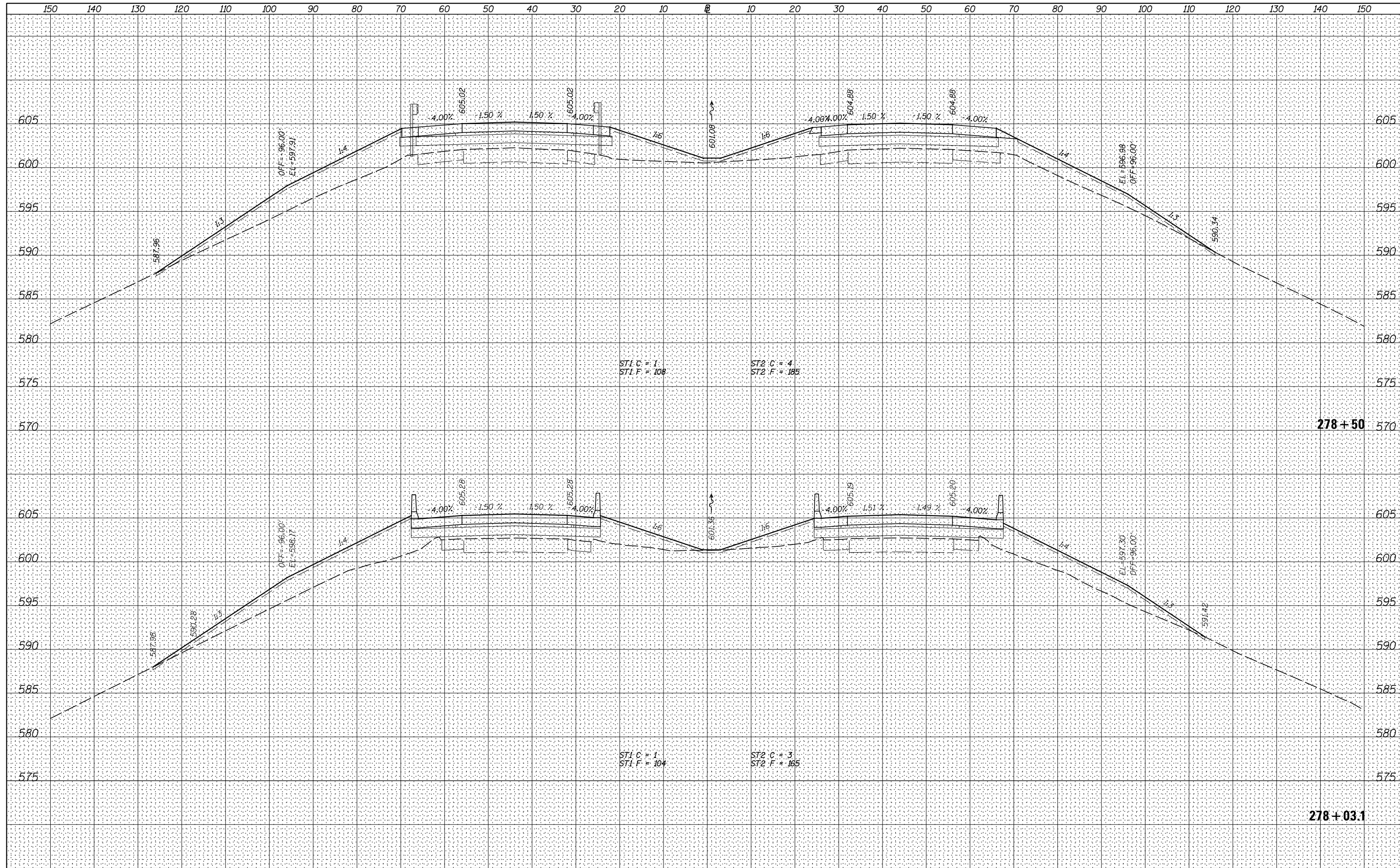
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		DATE - 12/10/14	REVISED -				ILLINOIS FED. AID PROJECT				

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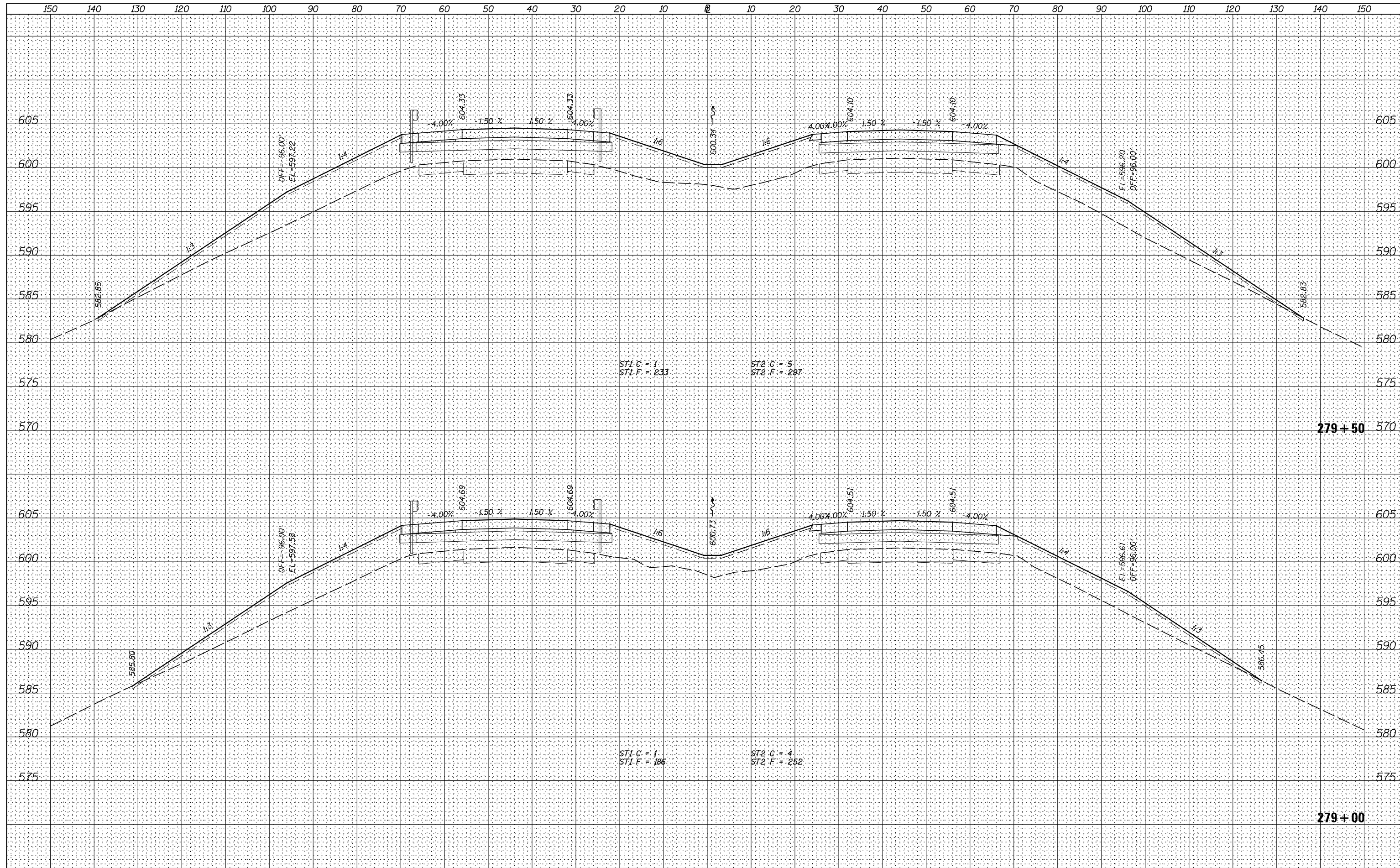
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 24 OF 83 SHEETS STA. 278+03.1 TO STA. 278+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	368
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

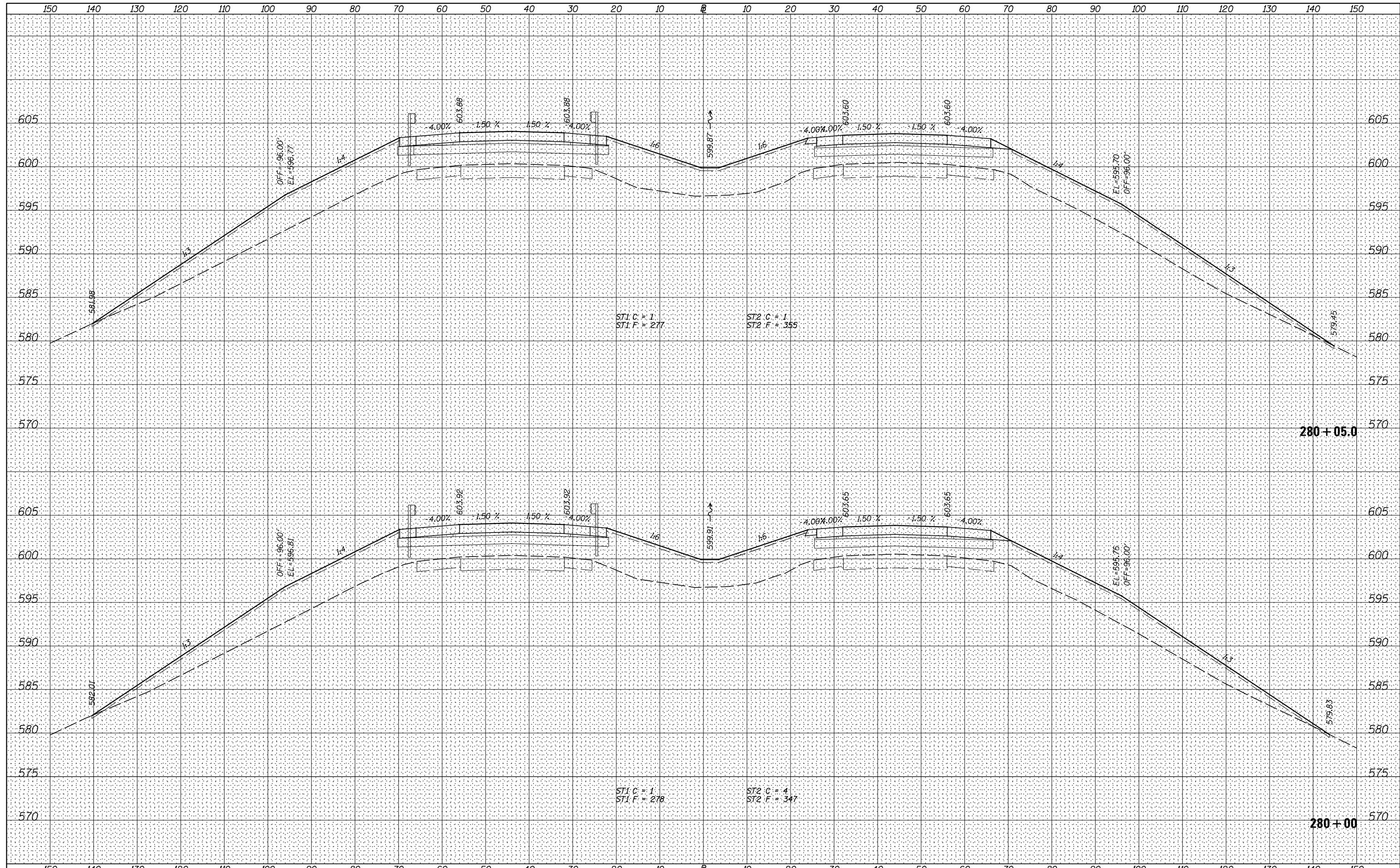
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 25 OF 83 SHEETS STA. 279+00.0 TO STA. 279+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	369
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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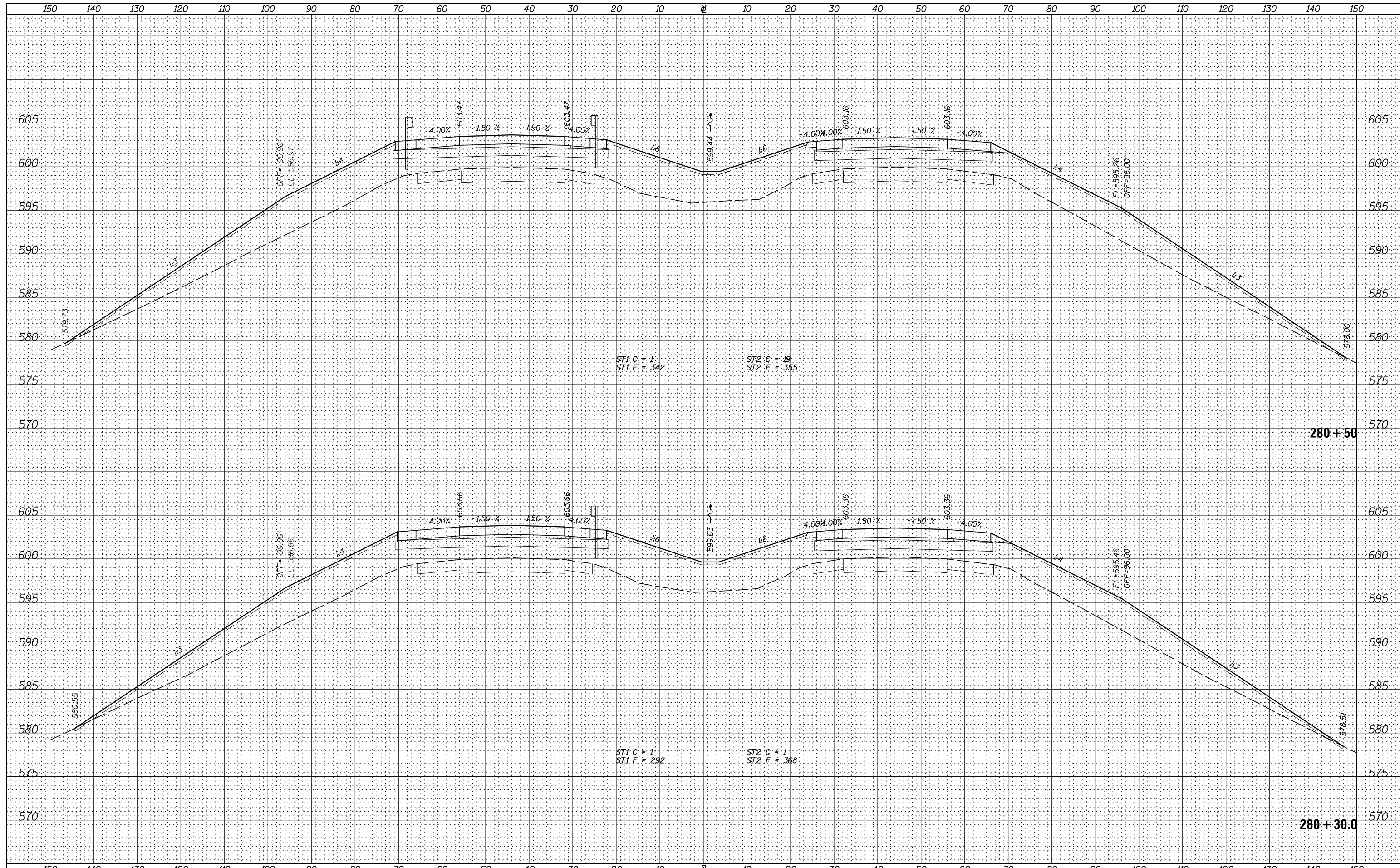
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 26 OF 83 SHEETS STA. 280+00.0 TO STA. 280+05.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	370
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

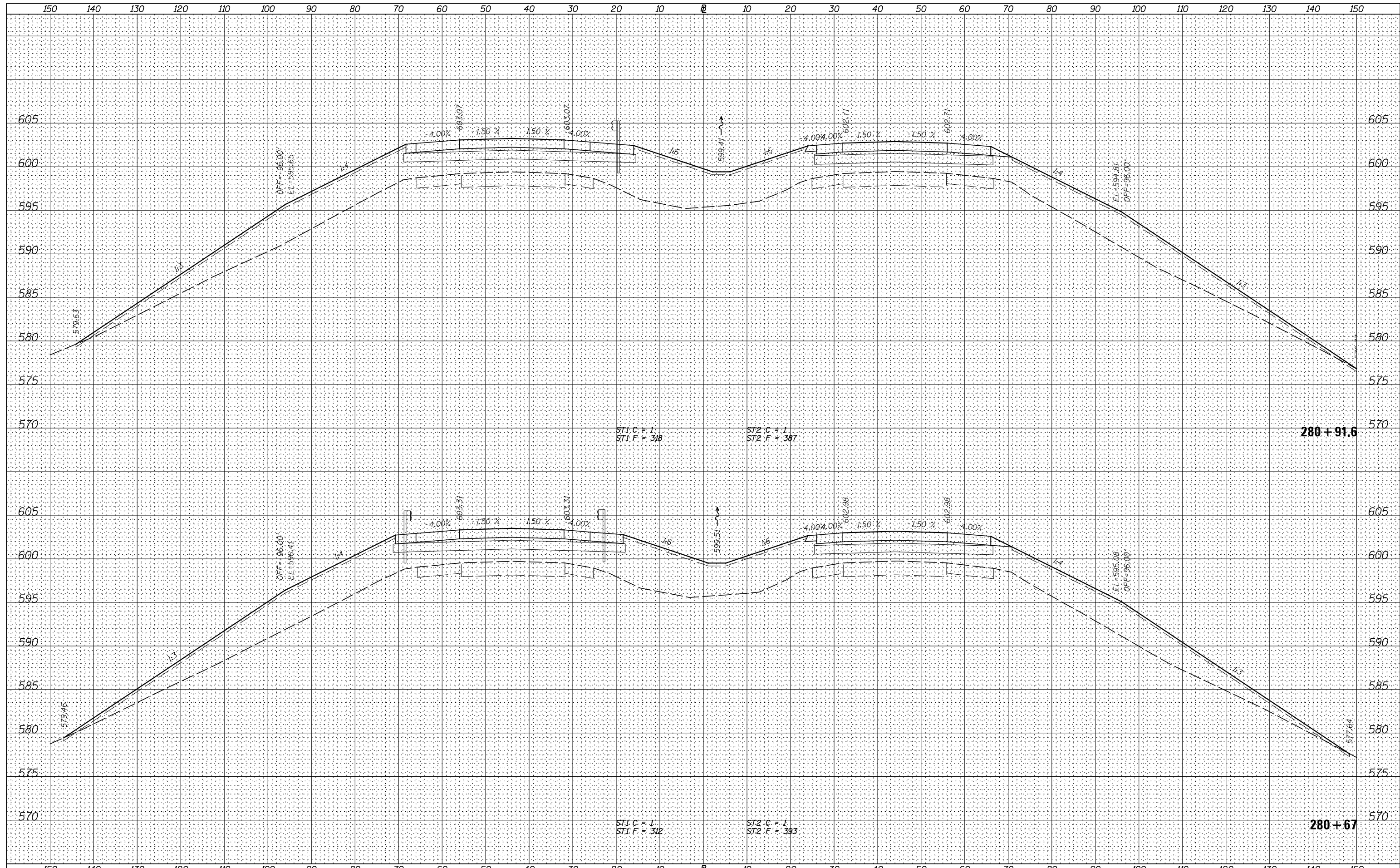
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 27 OF 83 SHEETS STA. 280+30.0 TO STA. 280+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	371
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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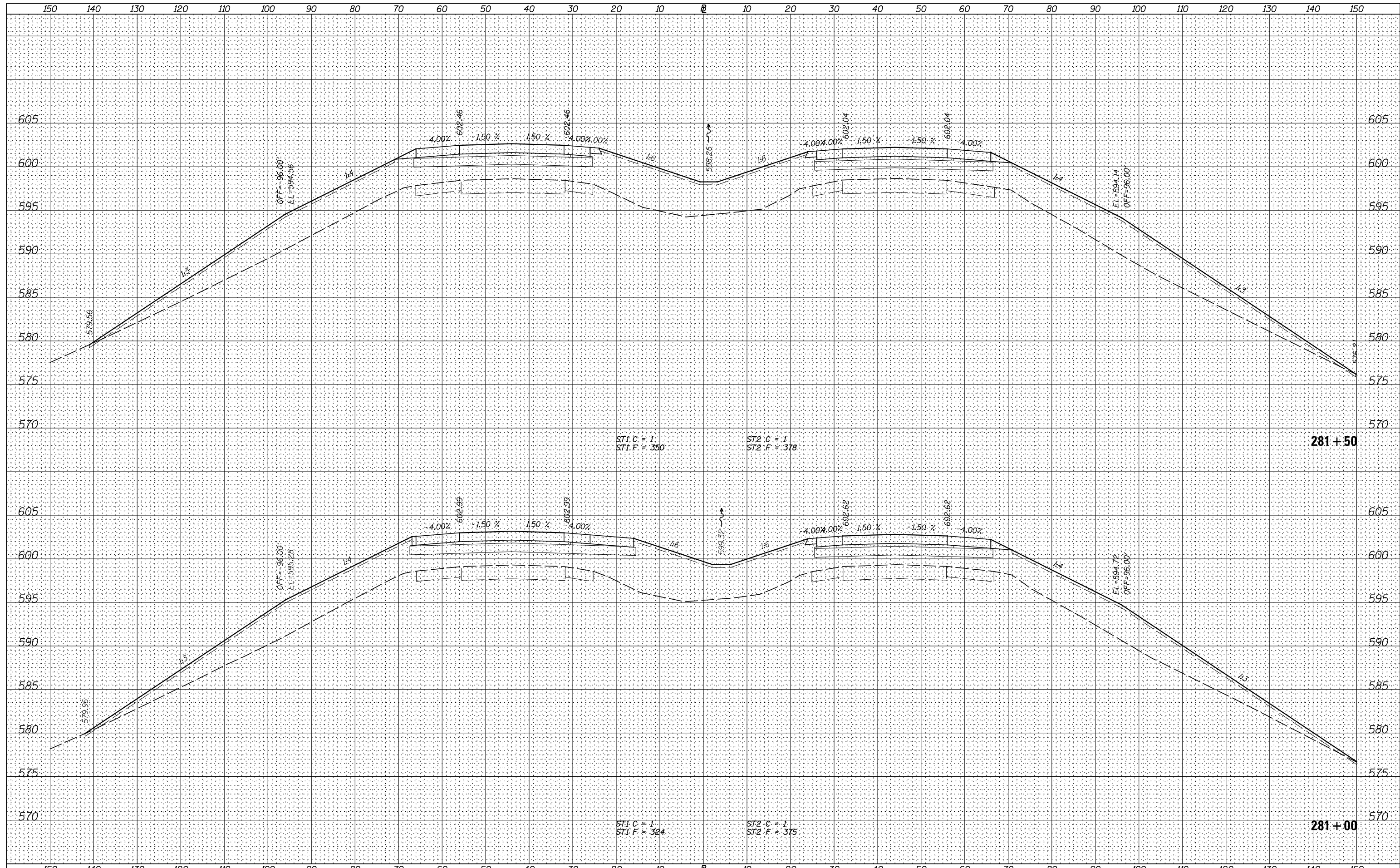
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 28 OF 83 SHEETS STA. 280+67.0 TO STA. 280+91.6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	372
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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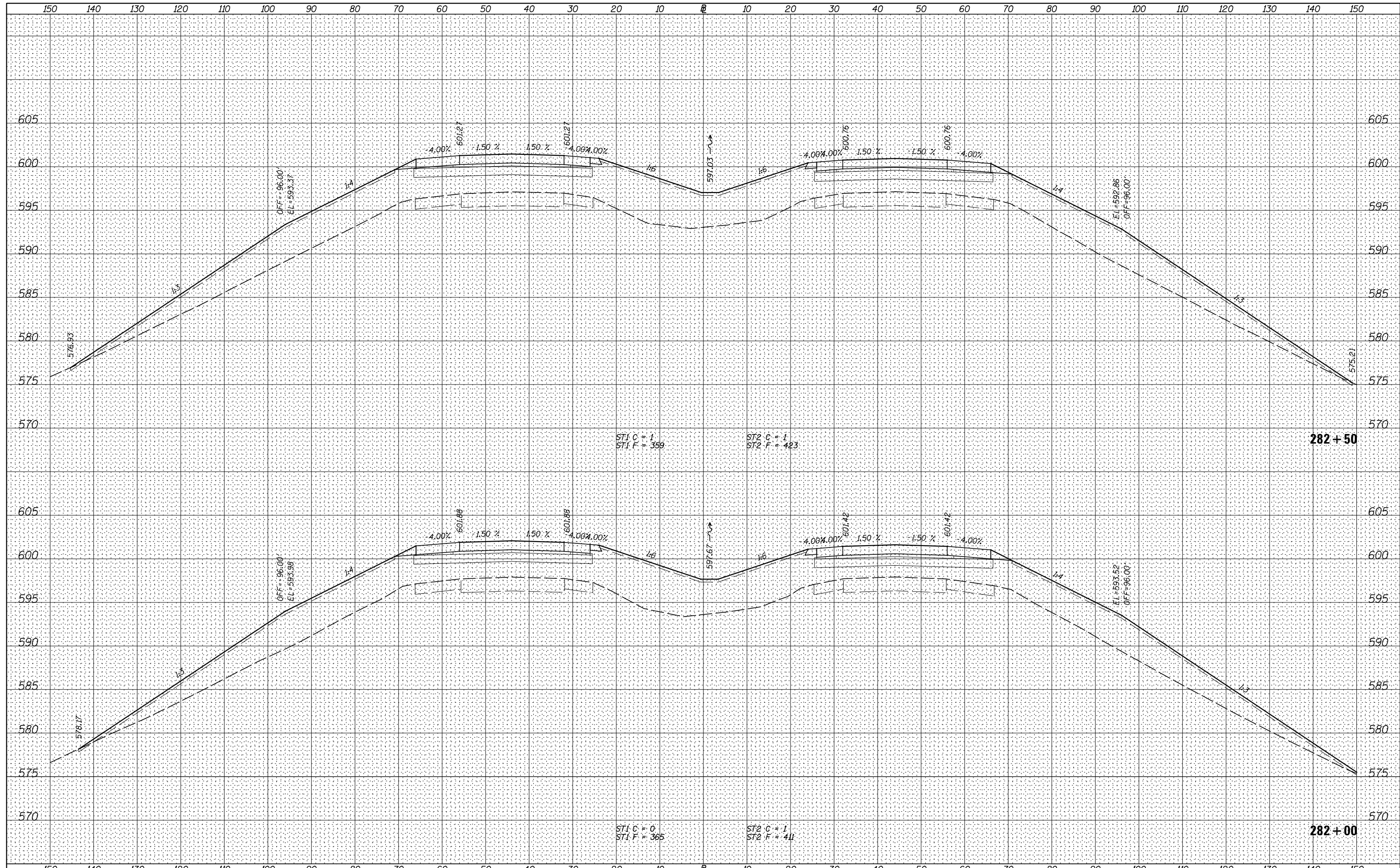
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 29 OF 83 SHEETS STA. 281+00.0 TO STA. 281+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	373
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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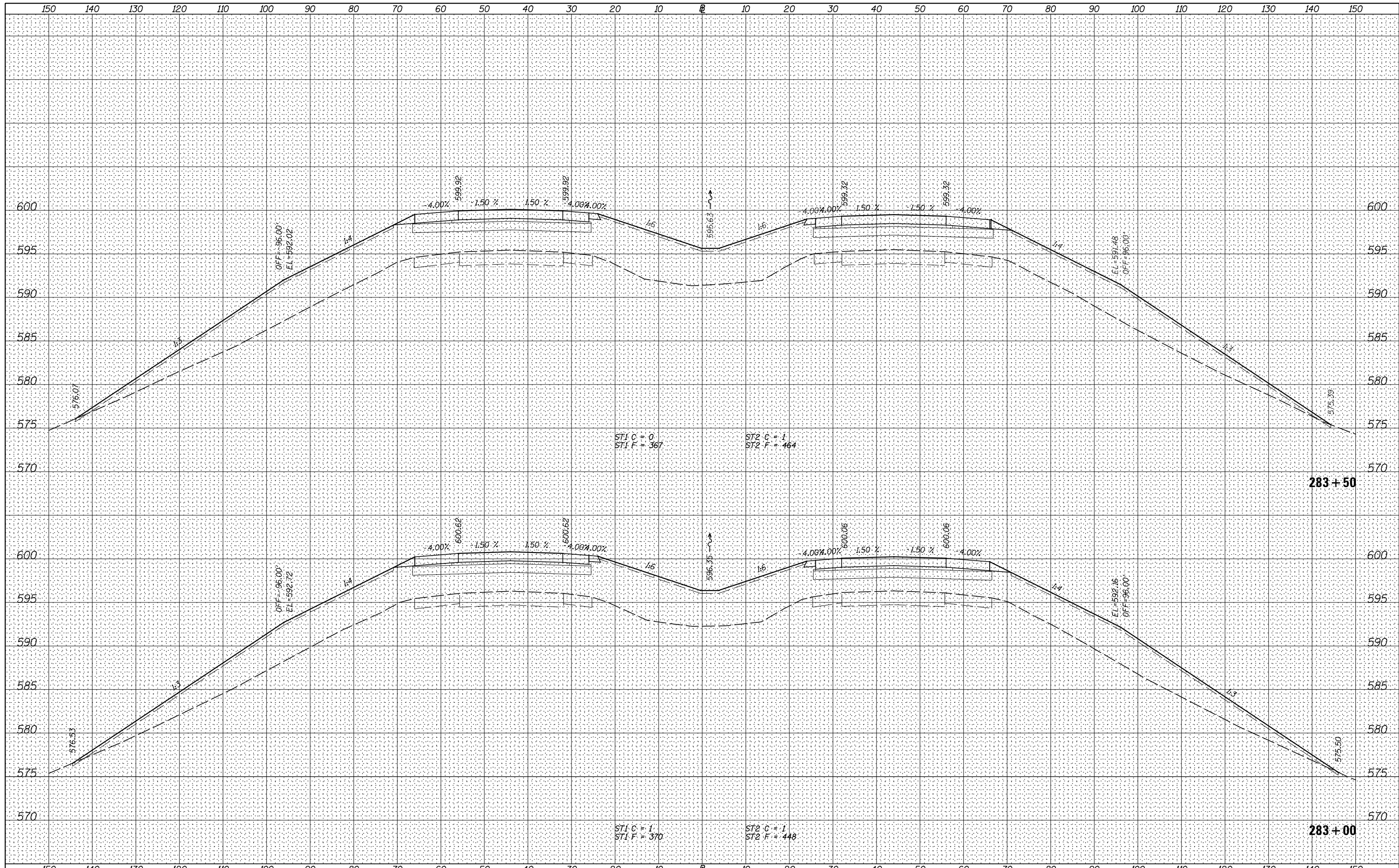


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		DATE - 12/10/14	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: H=10 V=5 SHEET 30 OF 83 SHEETS STA. 282+00.0 TO STA. 282+50.0

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

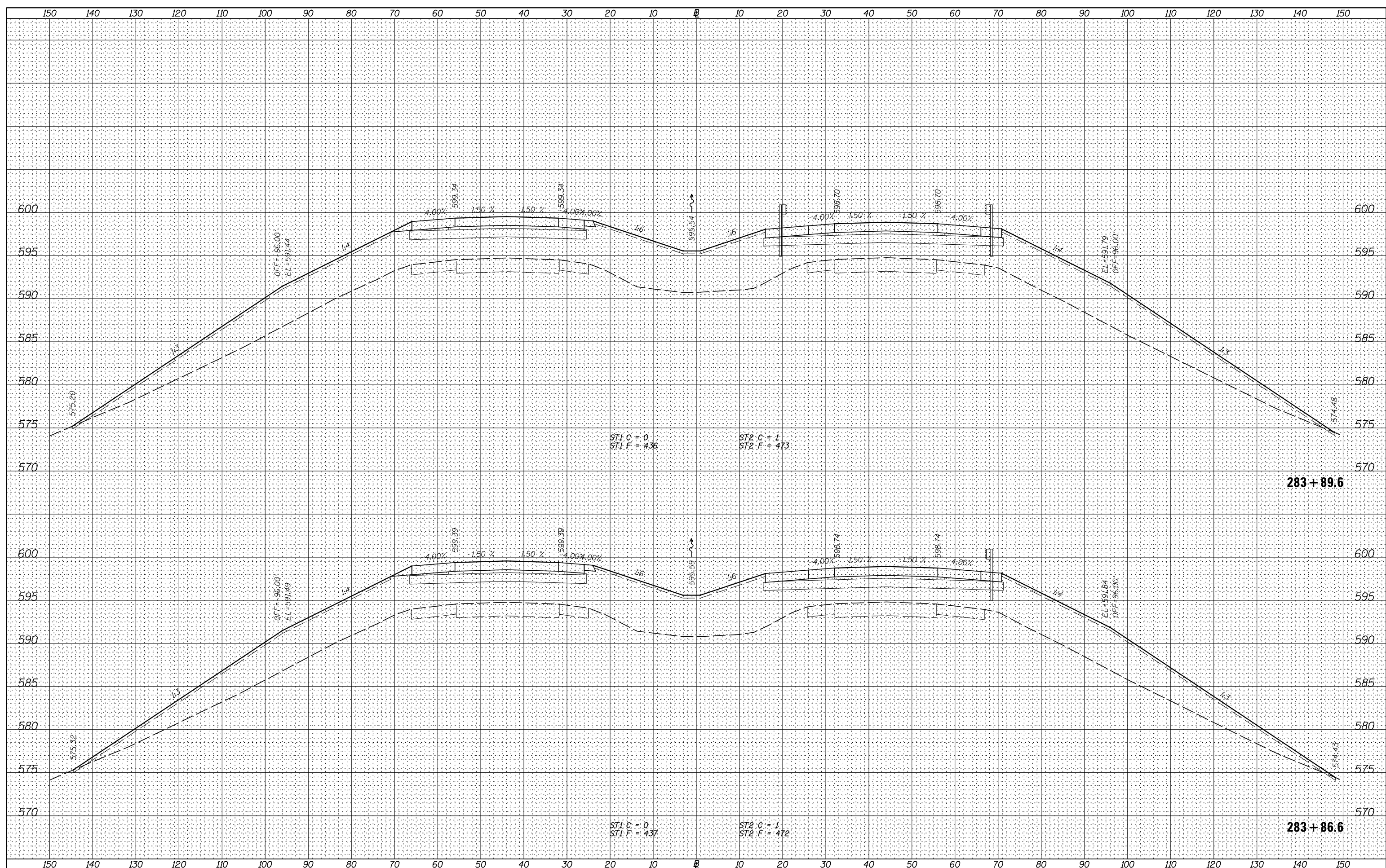
SCALE: H=10 V=5 SHEET 31 OF 83 SHEETS STA. 283+00.0 TO STA. 283+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	375
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	

ILLINOIS FED. AID PROJECT

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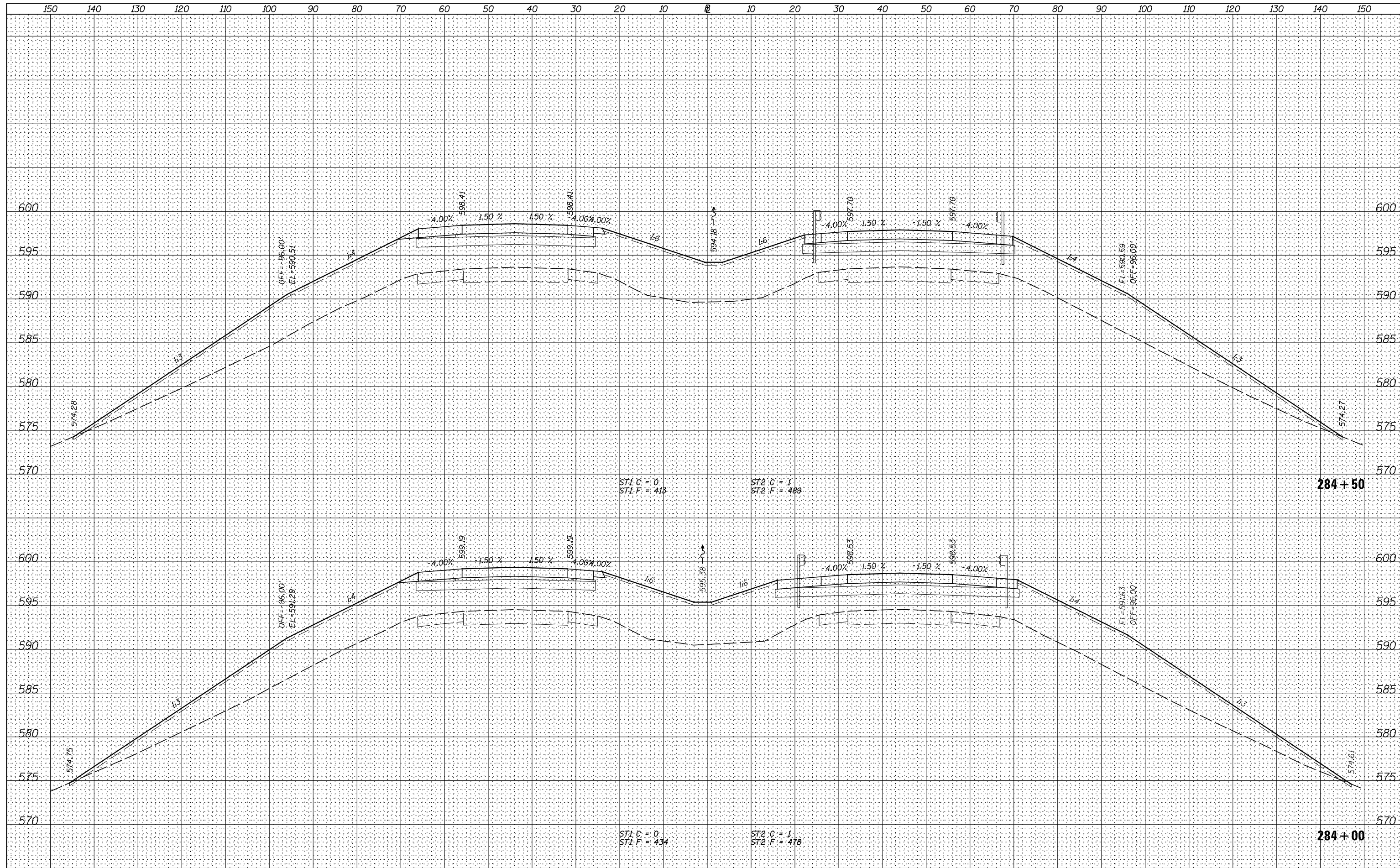
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	376
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
SCALE: H=10 V=5		SHEET 32 OF 83 SHEETS		STA. 283+86.6 TO STA. 283+89.6

ILLINOIS FED. AID PROJECT				
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

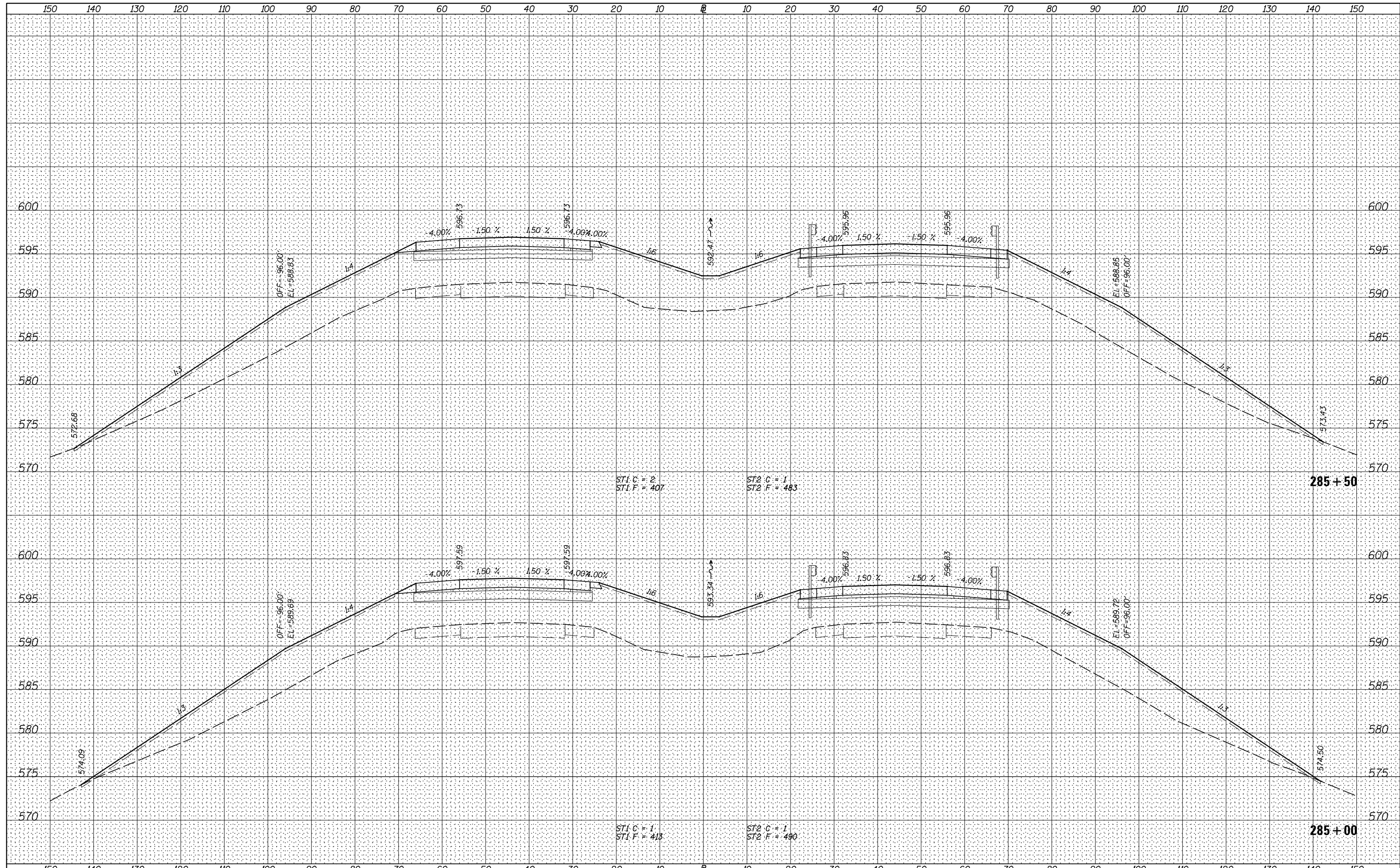
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 33 OF 83 SHEETS STA. 284+00.0 TO STA. 284+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	377
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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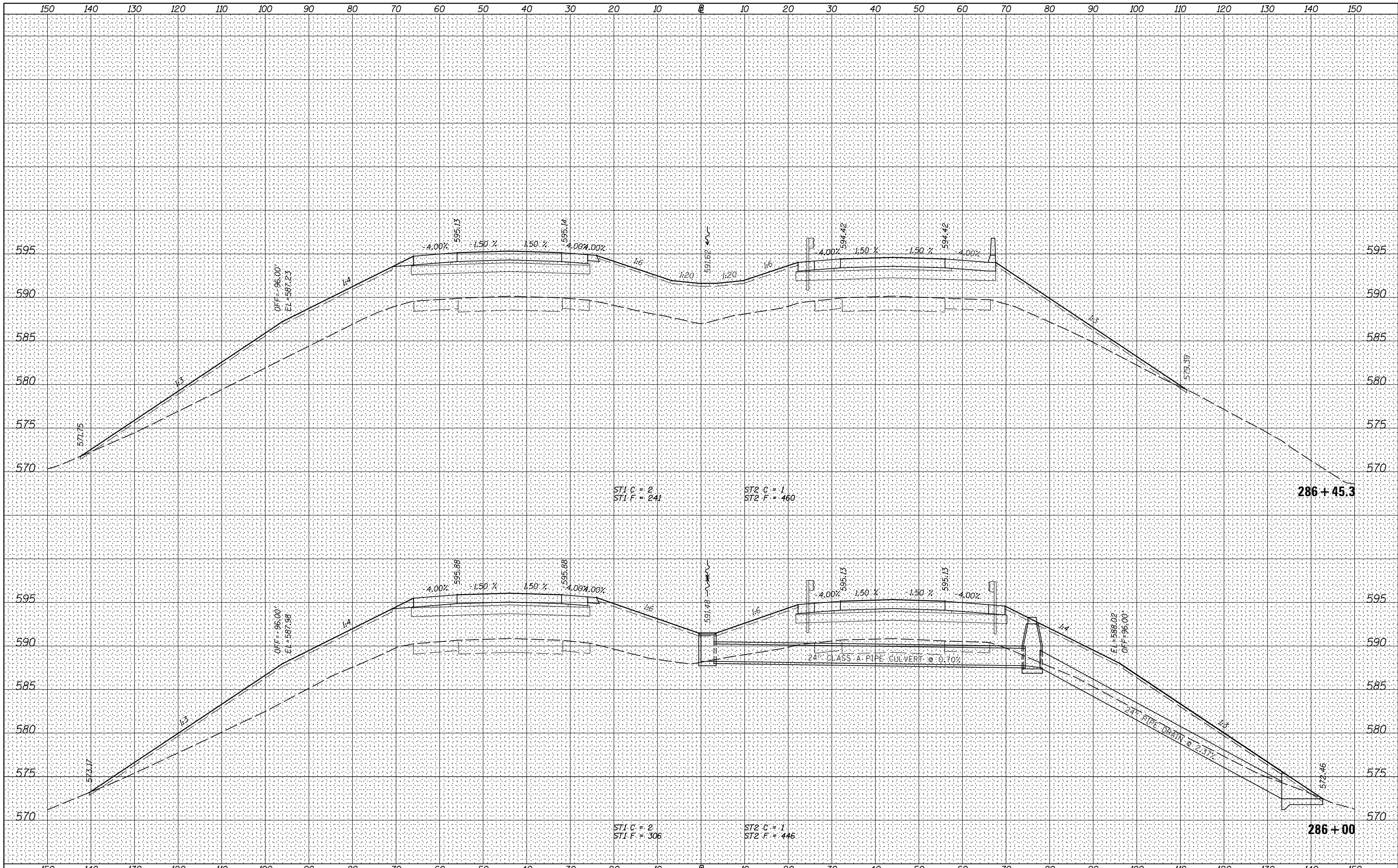
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 34 OF 83 SHEETS STA. 285+00.0 TO STA. 285+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	378
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

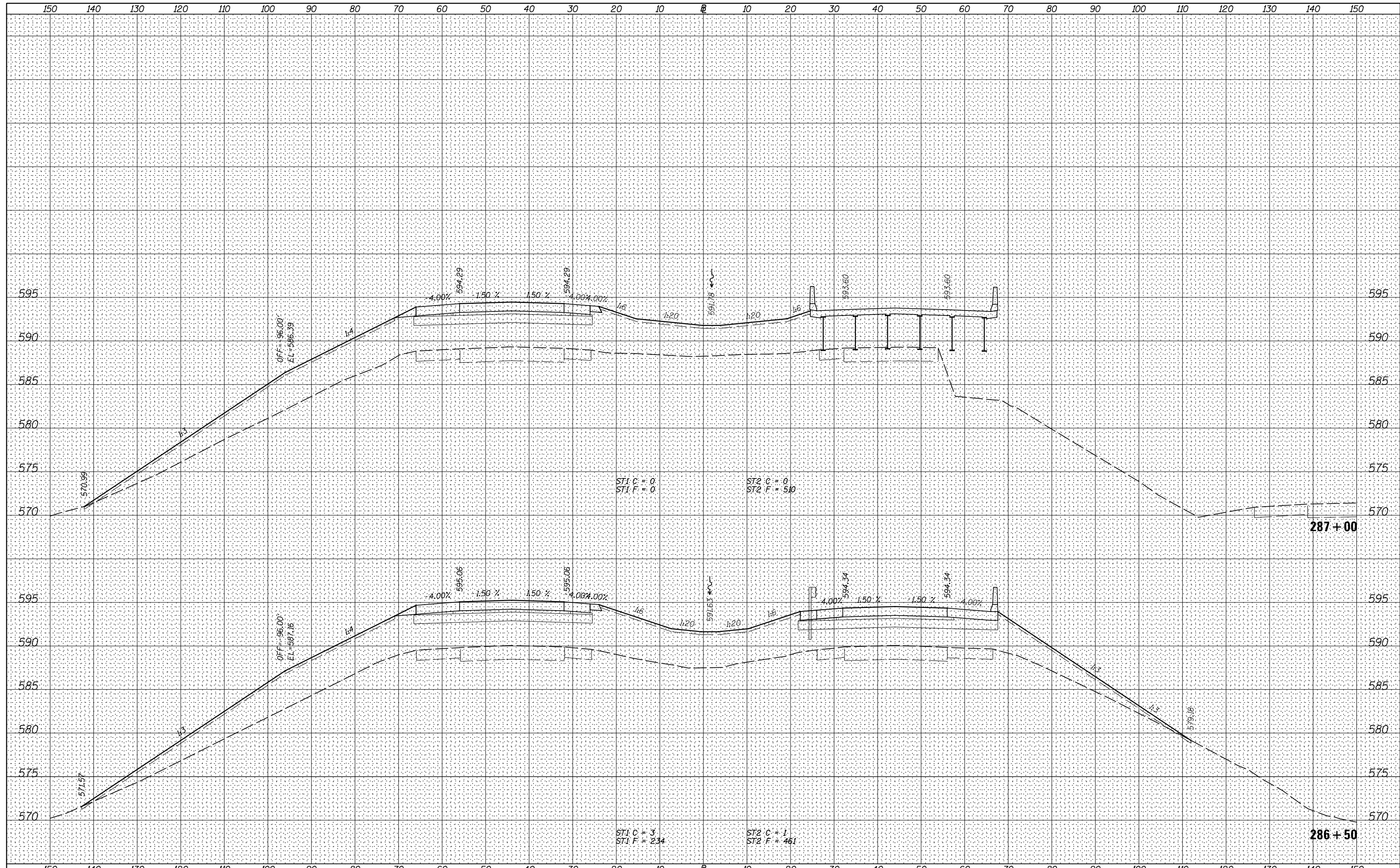
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 35 OF 83 SHEETS STA. 286+00.0 TO STA. 286+45.3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	379
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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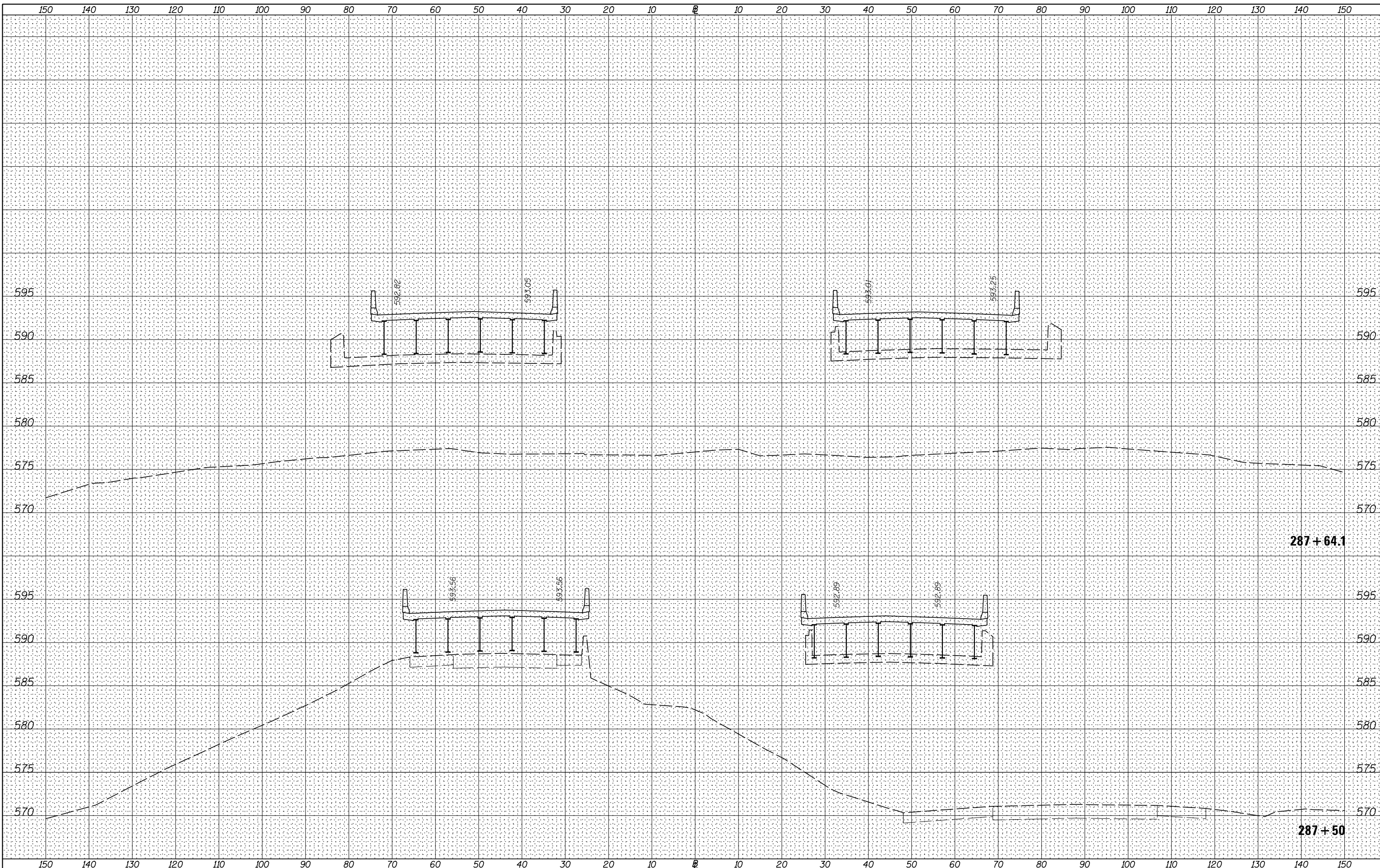


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS			
SCALE: H=10 V=5	SHEET 36 OF 83 SHEETS	STA. 286+50.0	TO STA. 287+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	380
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

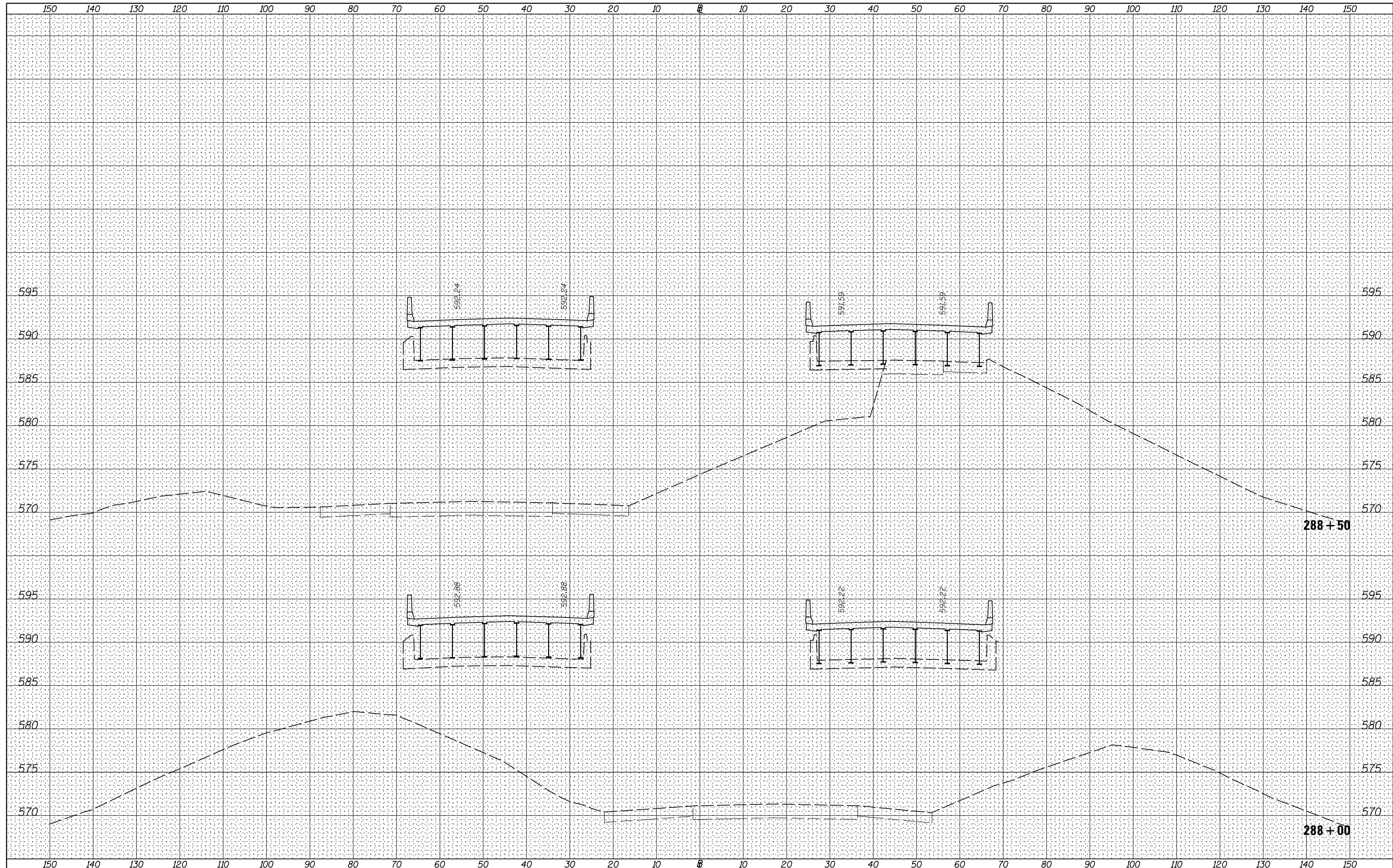
I-80 (F.A.I. RTE. 80) CROSS SECTIONS
SCALE: H=10 V=5 SHEET 37 OF 83 SHEETS STA. 287+50.0 TO STA. 287+64.1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	381
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	

ILLINOIS FED. AID PROJECT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

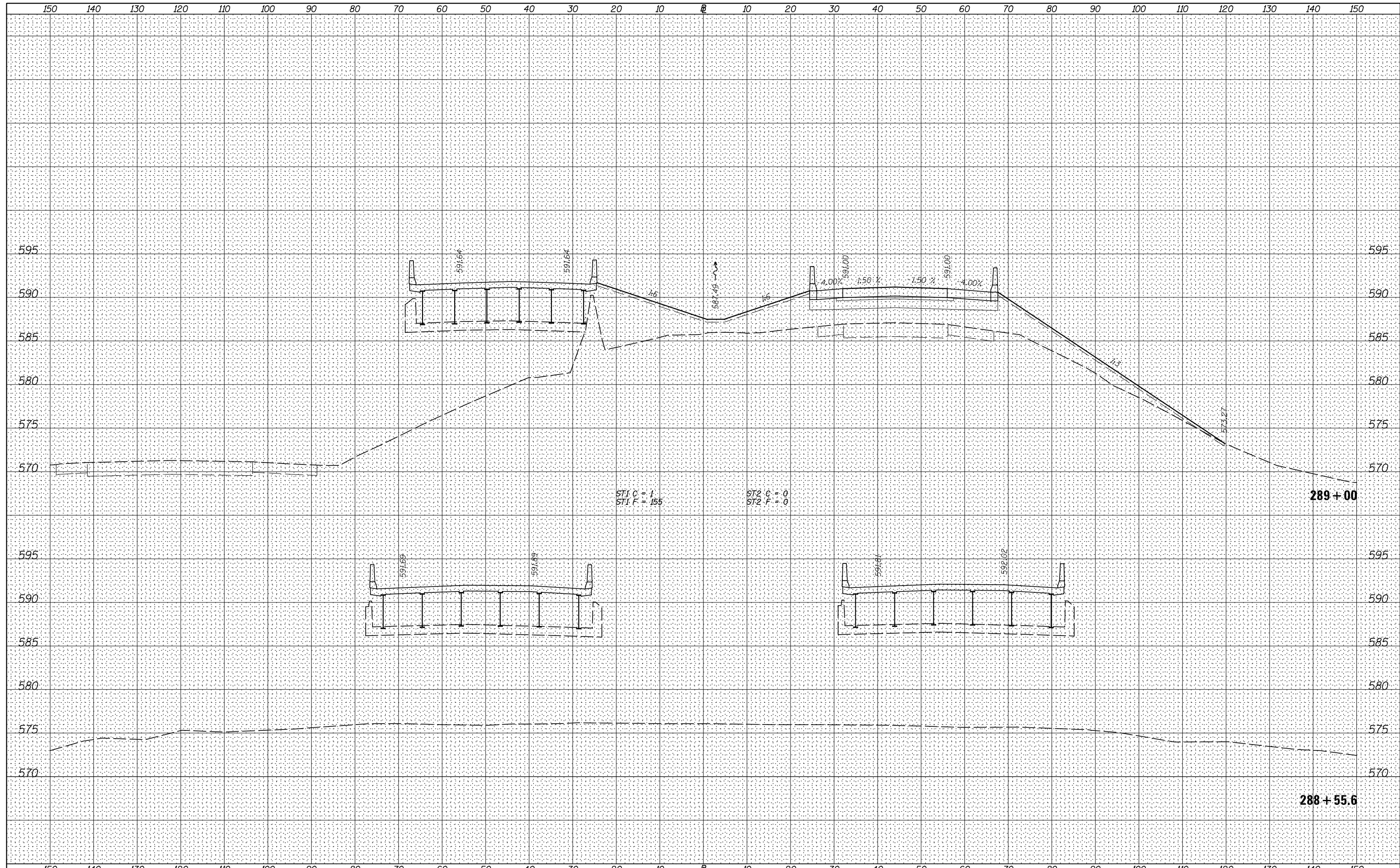
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 38 OF 83 SHEETS STA. 288+00.0 TO STA. 288+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	382
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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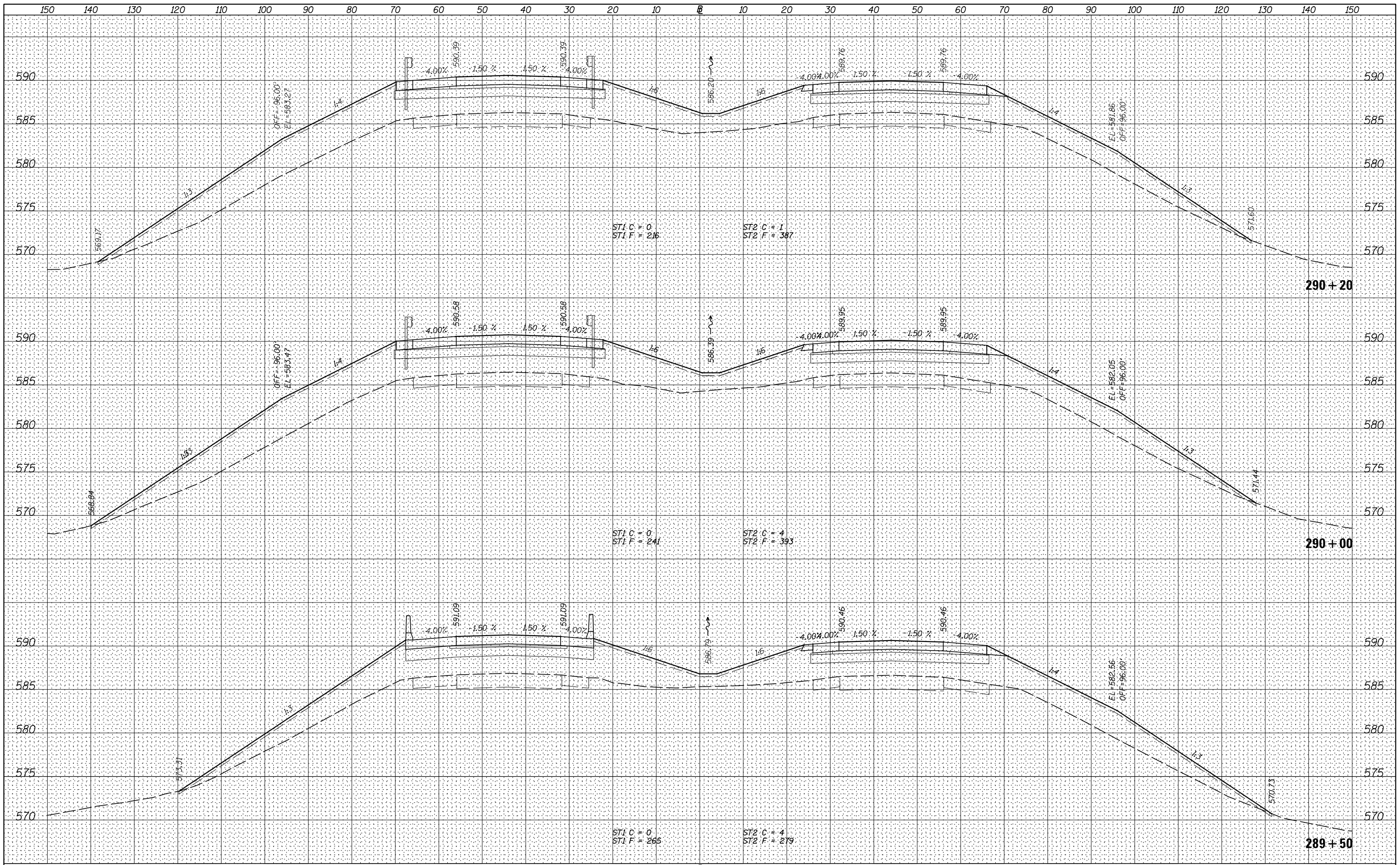


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V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-1.dgn	DRAWN - RMD	REVISED -	80			*	ROCK ISLAND	430	383	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -			* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
	PLOT DATE = 3/17/2015	DATE - 12/10/14	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: H=10 V=5 SHEET 39 OF 83 SHEETS STA. 288+55.6 TO STA. 289+00.0

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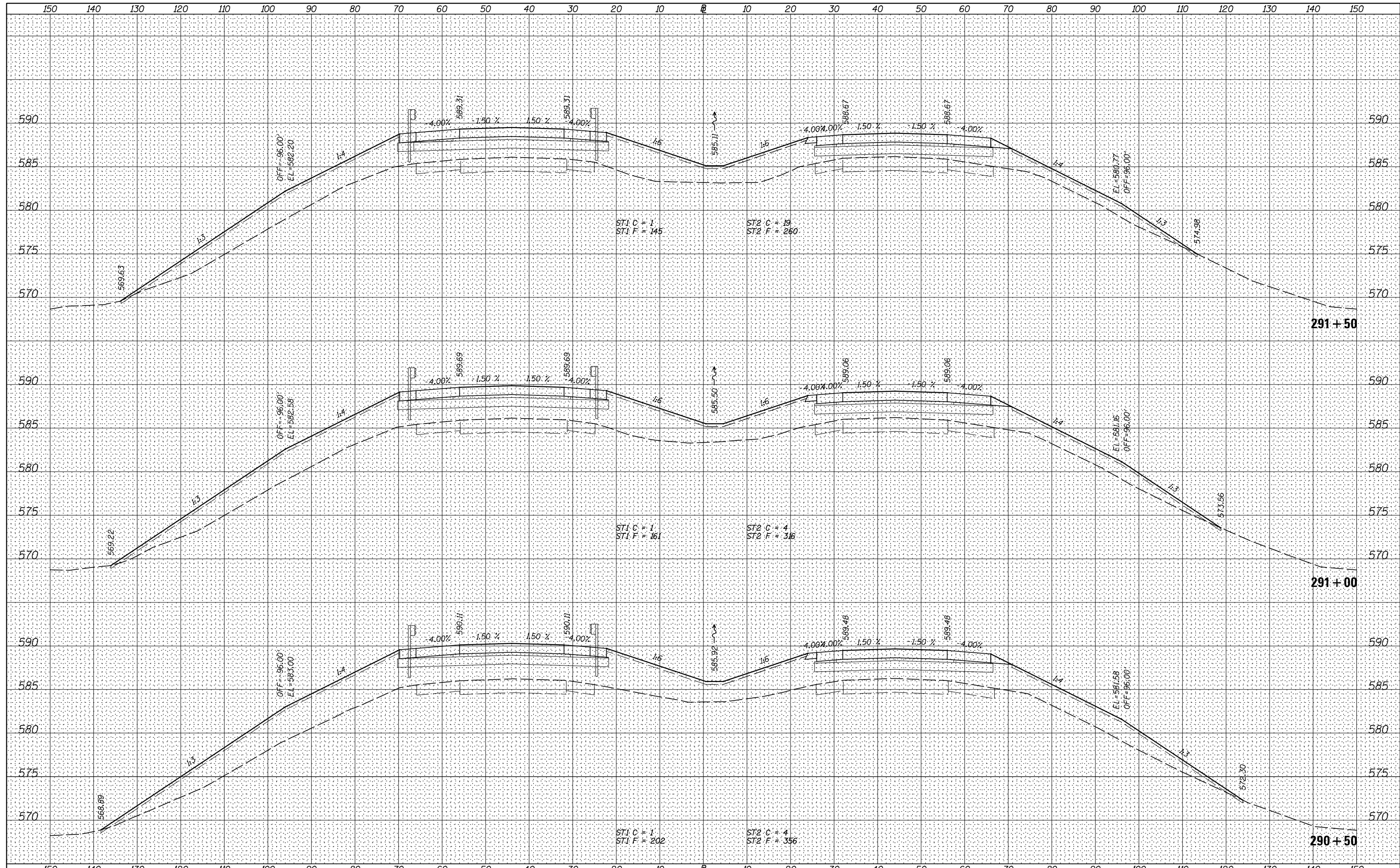
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DEPARTMENT OF TRANSPORTATION		SECTION COUNTY																		
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SCALE: H=10 V=5 SHEET 40 OF 83 SHEETS STA. 289+50.0 TO STA. 290+20.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	384
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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Default		CHECKED - DJD	REVISED -	* 37-1BR-1, 81-1VBR & 81-1HBR-1				CONTRACT NO. 64B78
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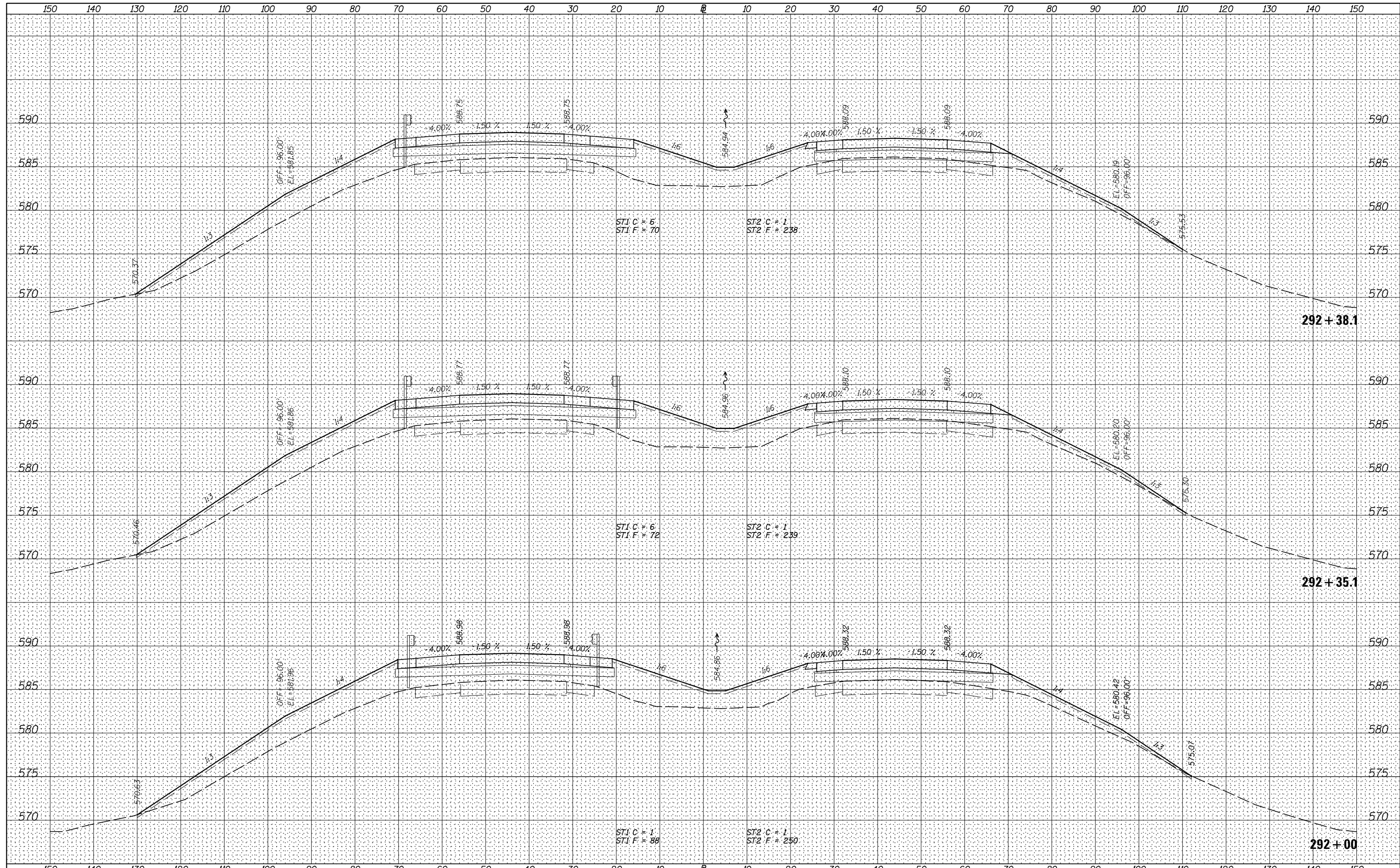
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 41 OF 83 SHEETS STA. 290+50.0 TO STA. 291+50.0

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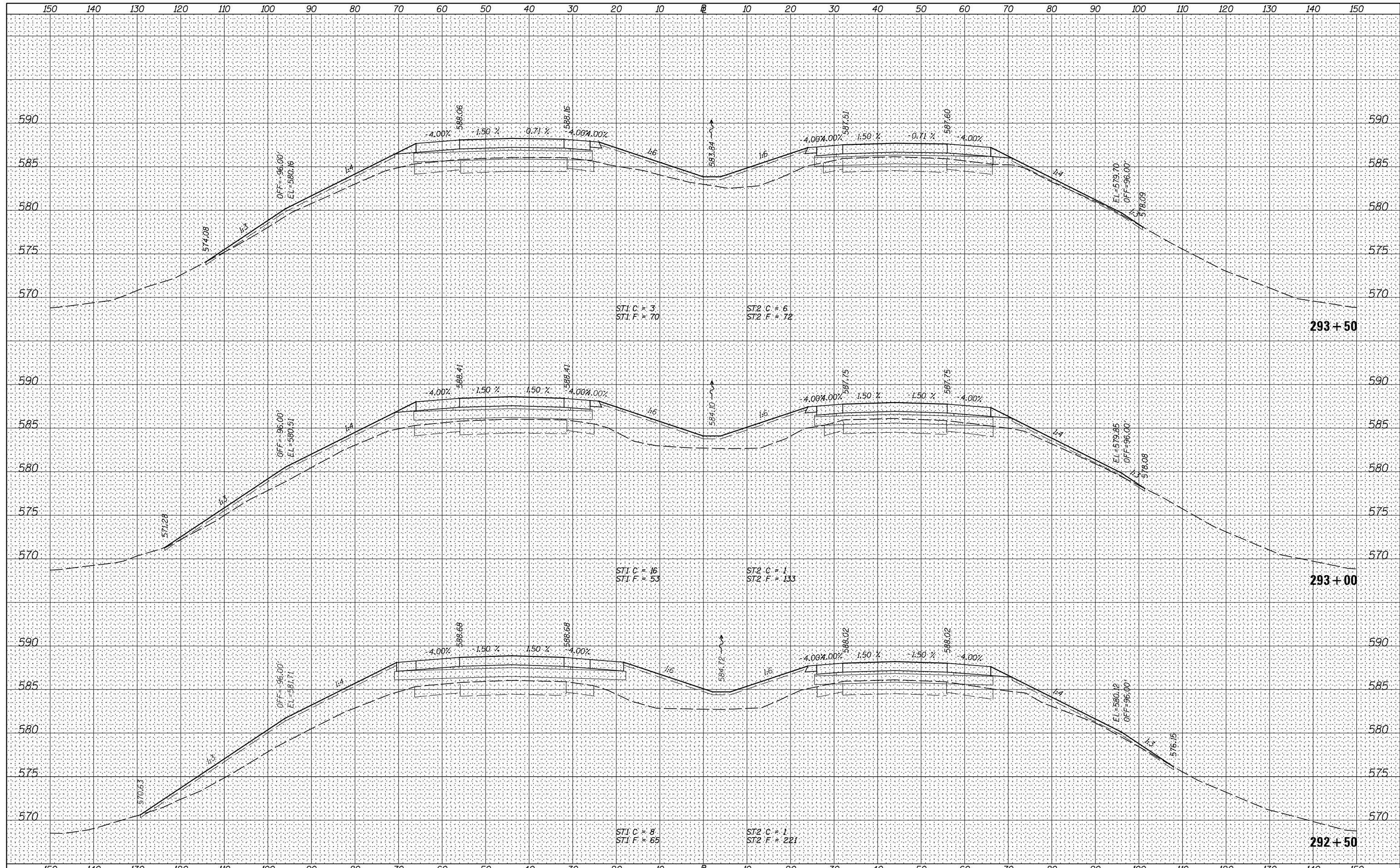
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80	*	ROCK ISLAND	430
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78
SCALE: H=10 V=5	SHEET 42 OF 83 SHEETS	STA. 292+00.0	TO STA. 292+38.1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	386
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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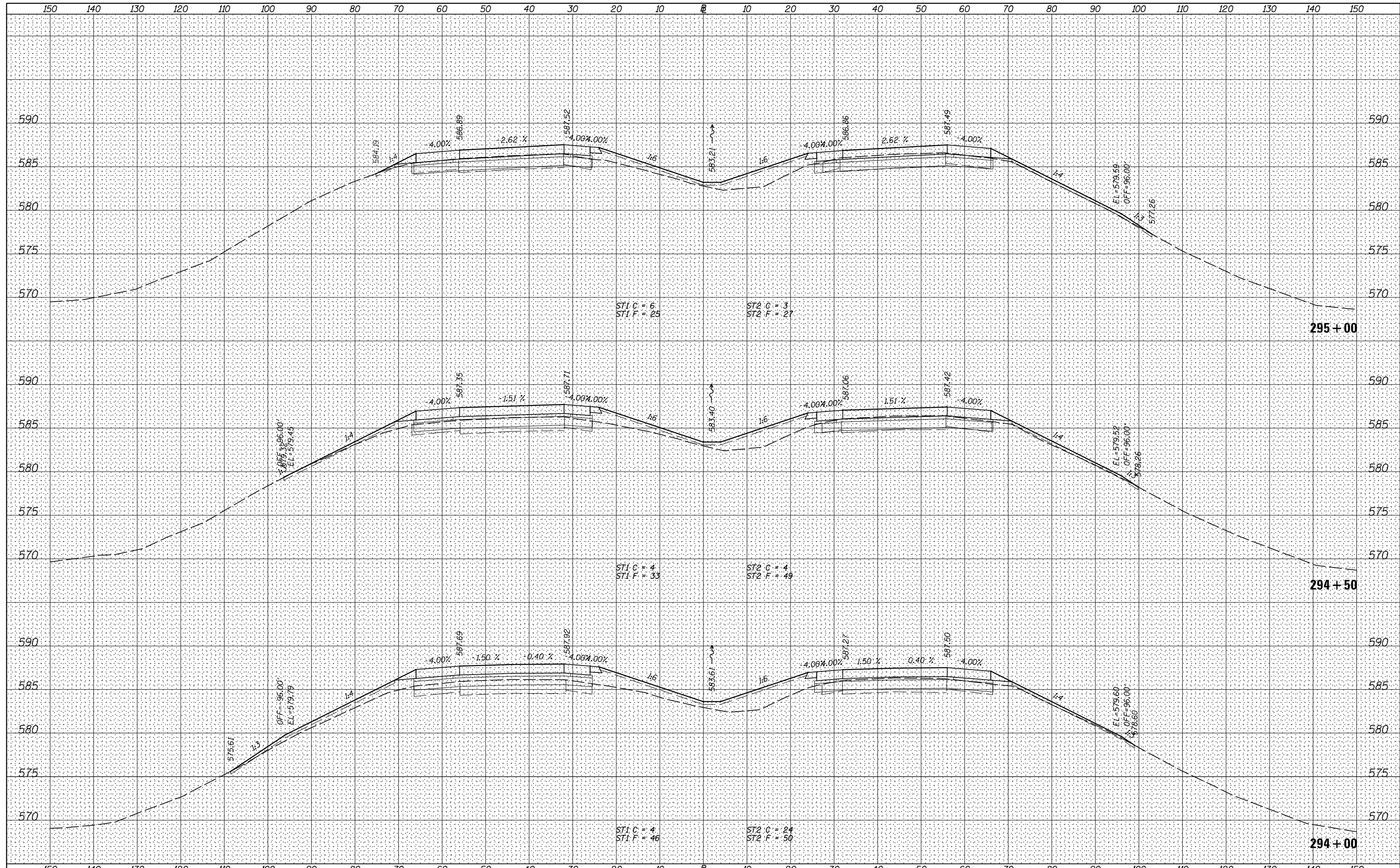
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS	
F.A.I. RTE. 80	SECTION *
SCALE: H=10 V=5	SHEET 43 OF 83 SHEETS
STA. 292+50.0	TO STA. 293+50.0

COUNTY	TOTAL SHEETS	SHEET NO.
ROCK ISLAND	430	387
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78
ILLINOIS FED. AID PROJECT		

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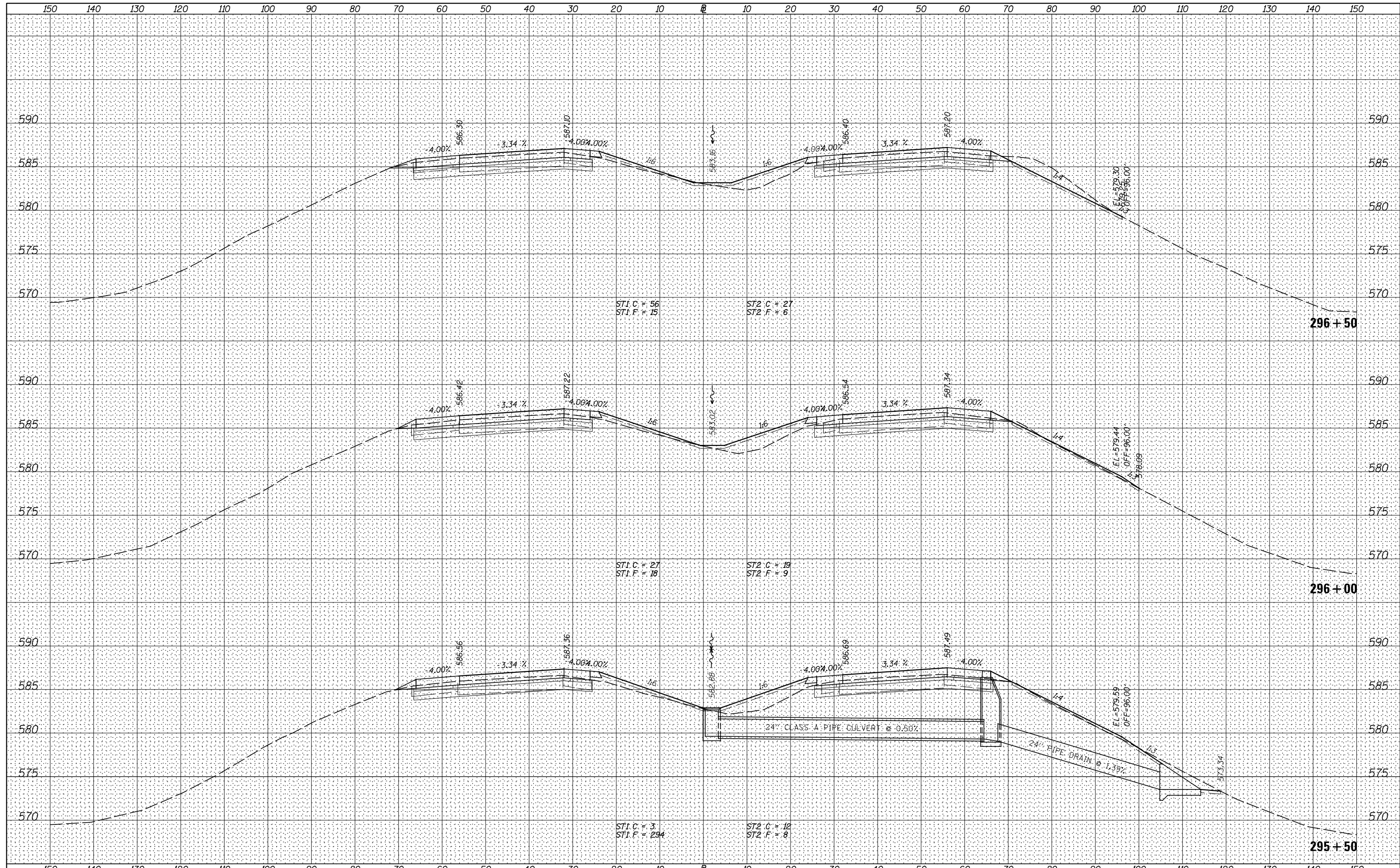
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 44 OF 83 SHEETS STA. 294+00.0 TO STA. 295+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	388
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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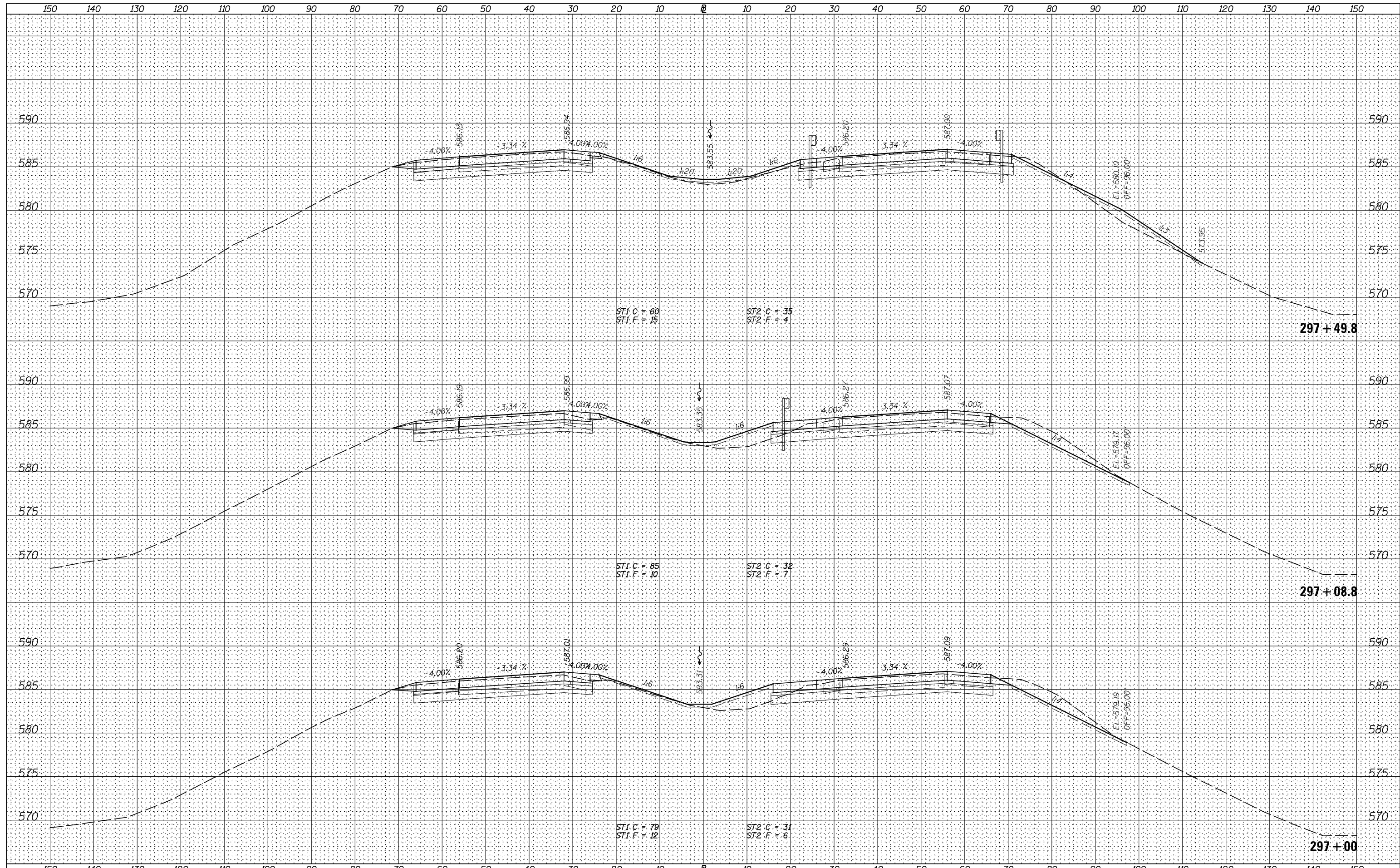
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS
 SCALE: H=10 V=5 SHEET 45 OF 83 SHEETS STA. 295+50.0 TO STA. 296+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	389
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

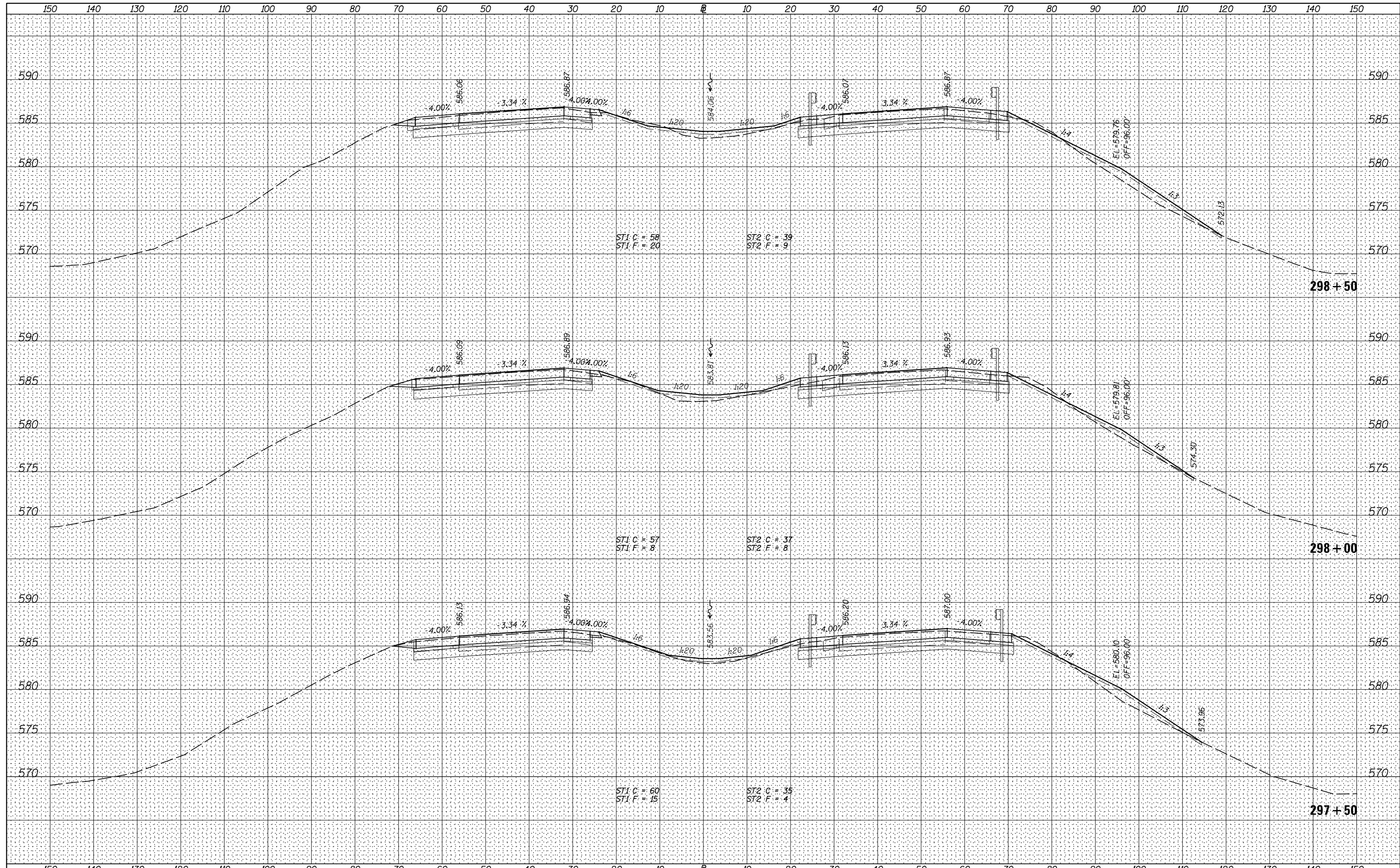
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 46 OF 83 SHEETS STA. 297+00.0 TO STA. 297+49.8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	390
* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

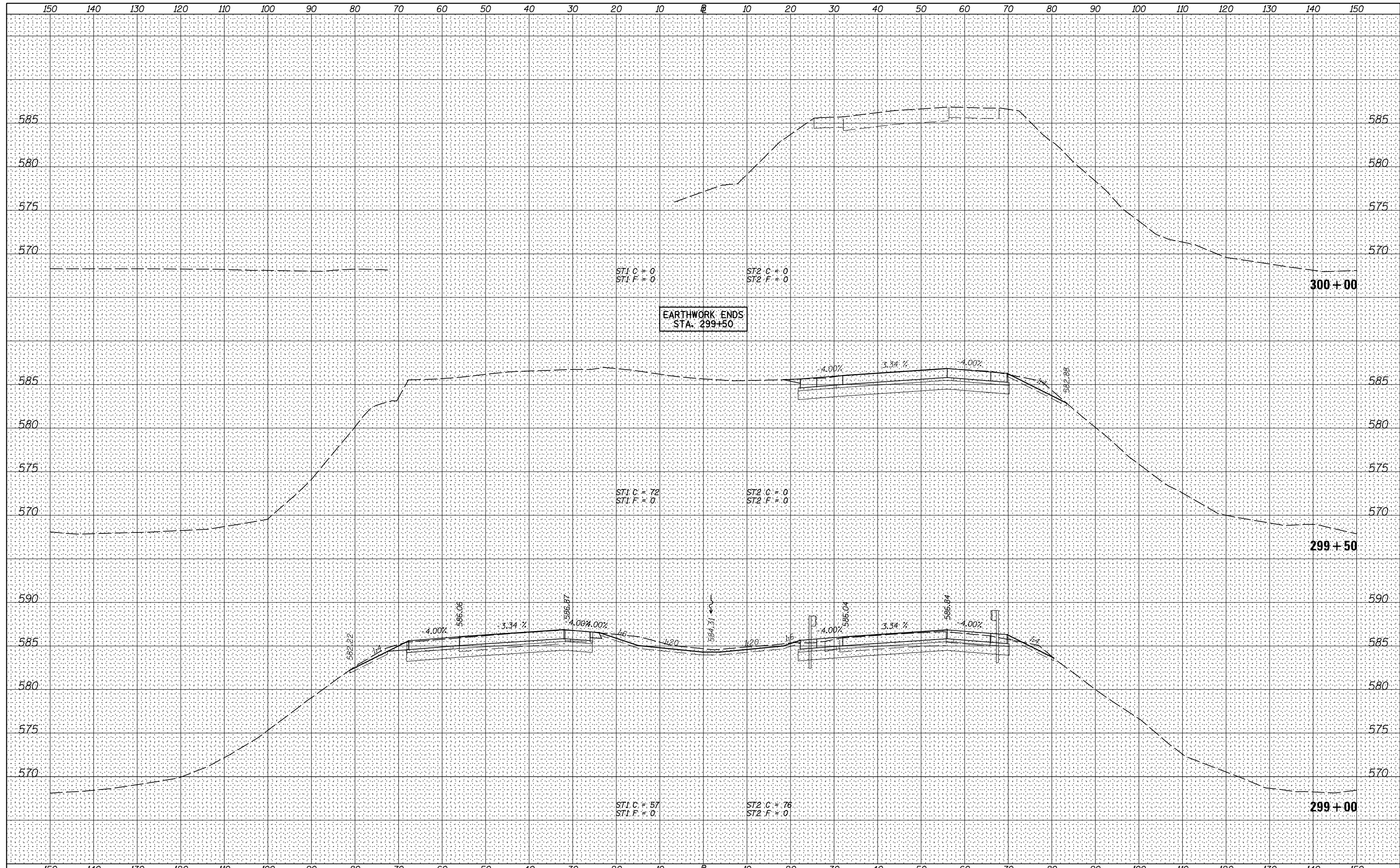
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 47 OF 83 SHEETS STA. 297+50.0 TO STA. 298+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	391
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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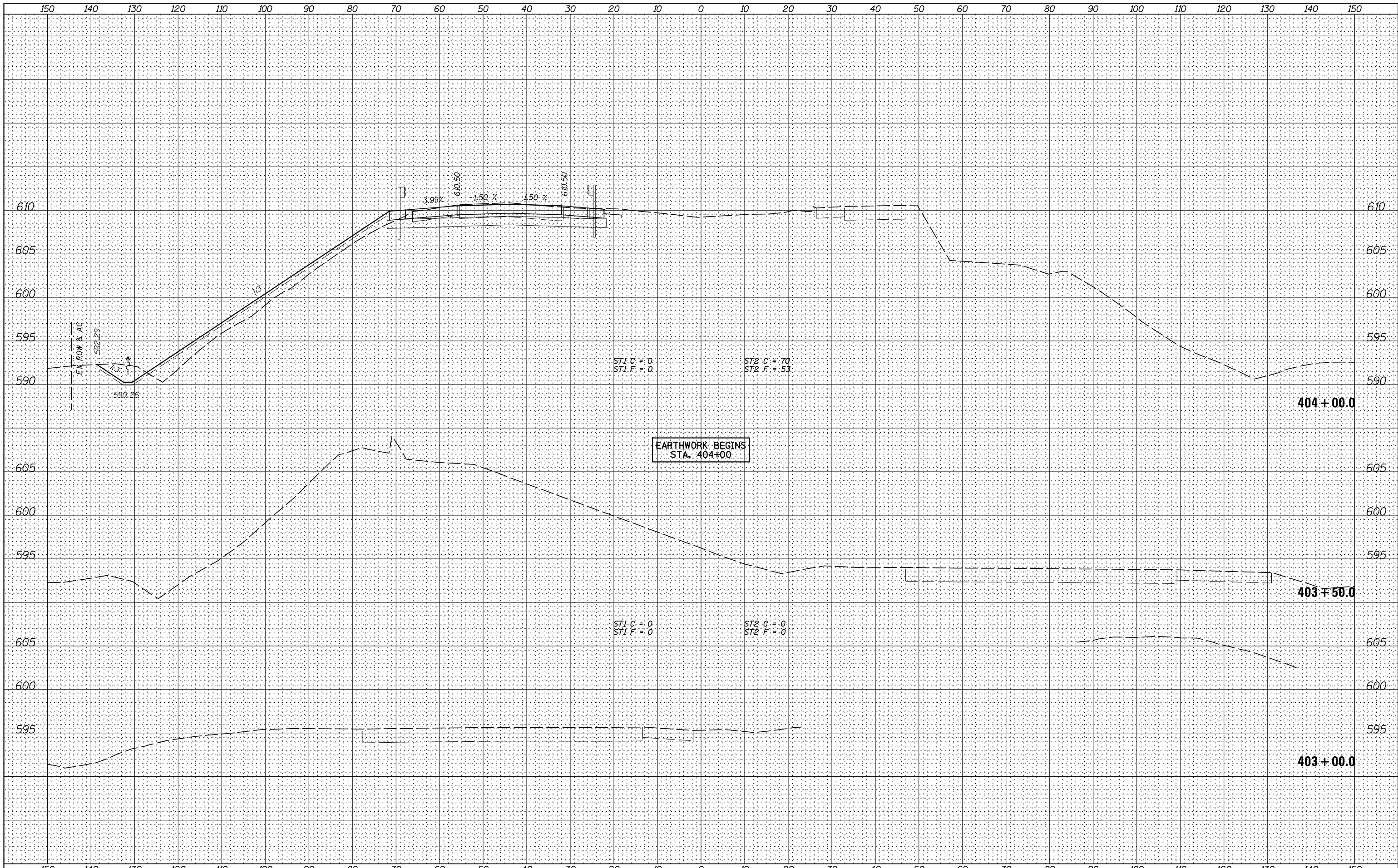
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 48 OF 83 SHEETS STA. 299+00.0 TO STA. 300+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	ROCK ISLAND	430	392
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				



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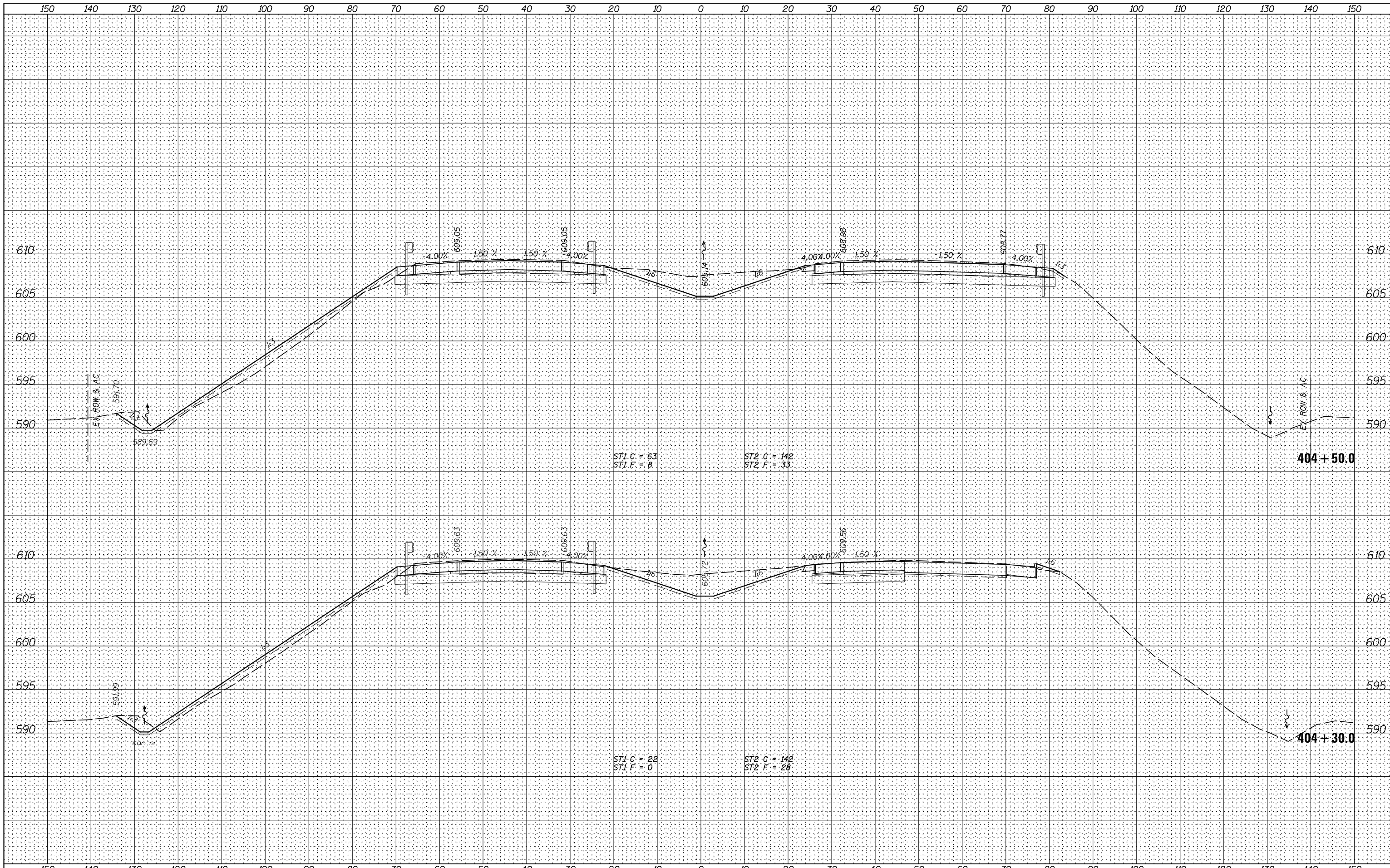
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**STATE OF ILLINOIS
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I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 49 OF 83 SHEETS STA. 403+00.0 TO STA. 404+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	393
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
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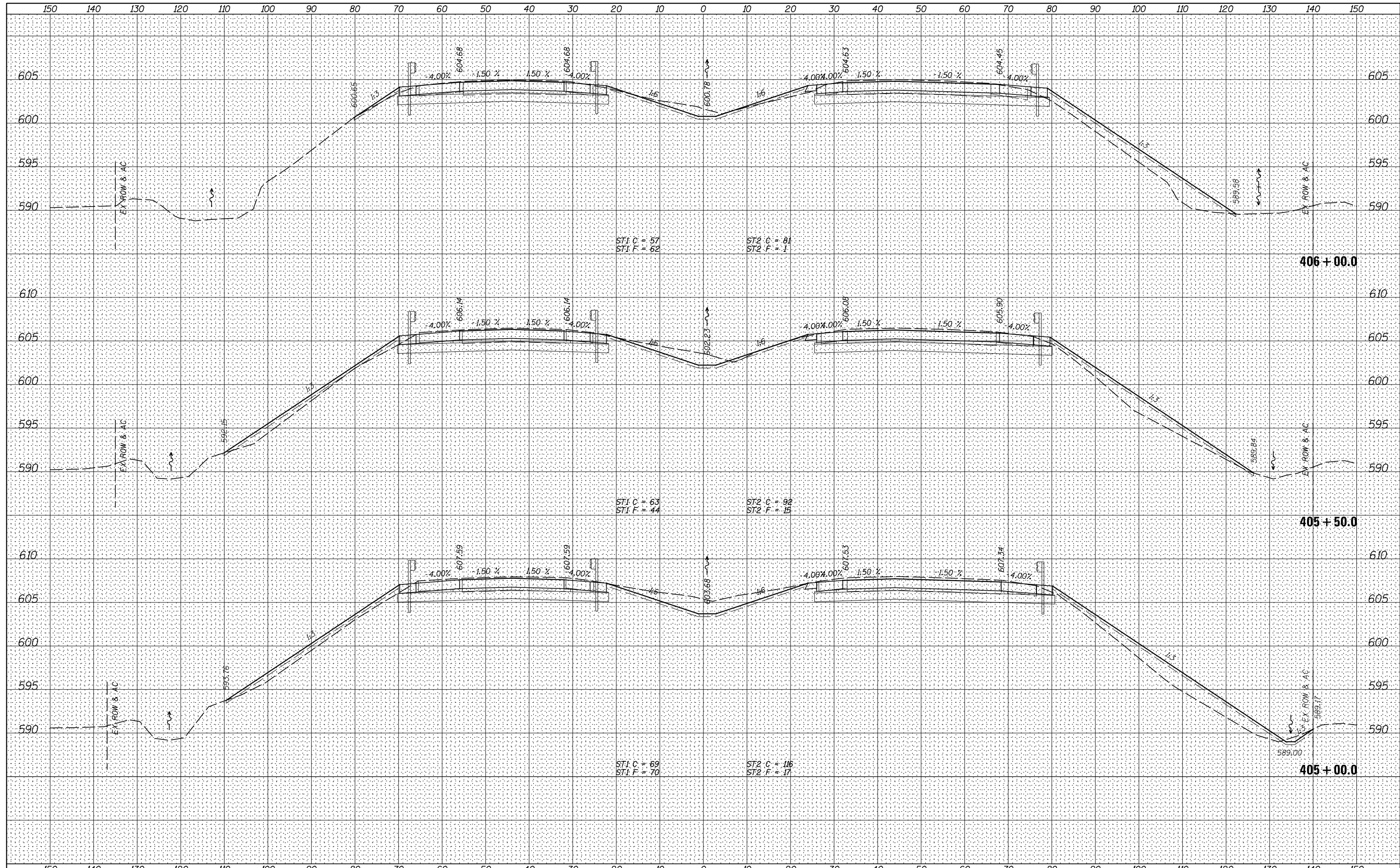
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 50 OF 83 SHEETS STA. 404+30.0 TO STA. 404+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	394
* 37-1BR-1, 81-1VBR & 81-1HBR-1				CONTRACT NO. 64878
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

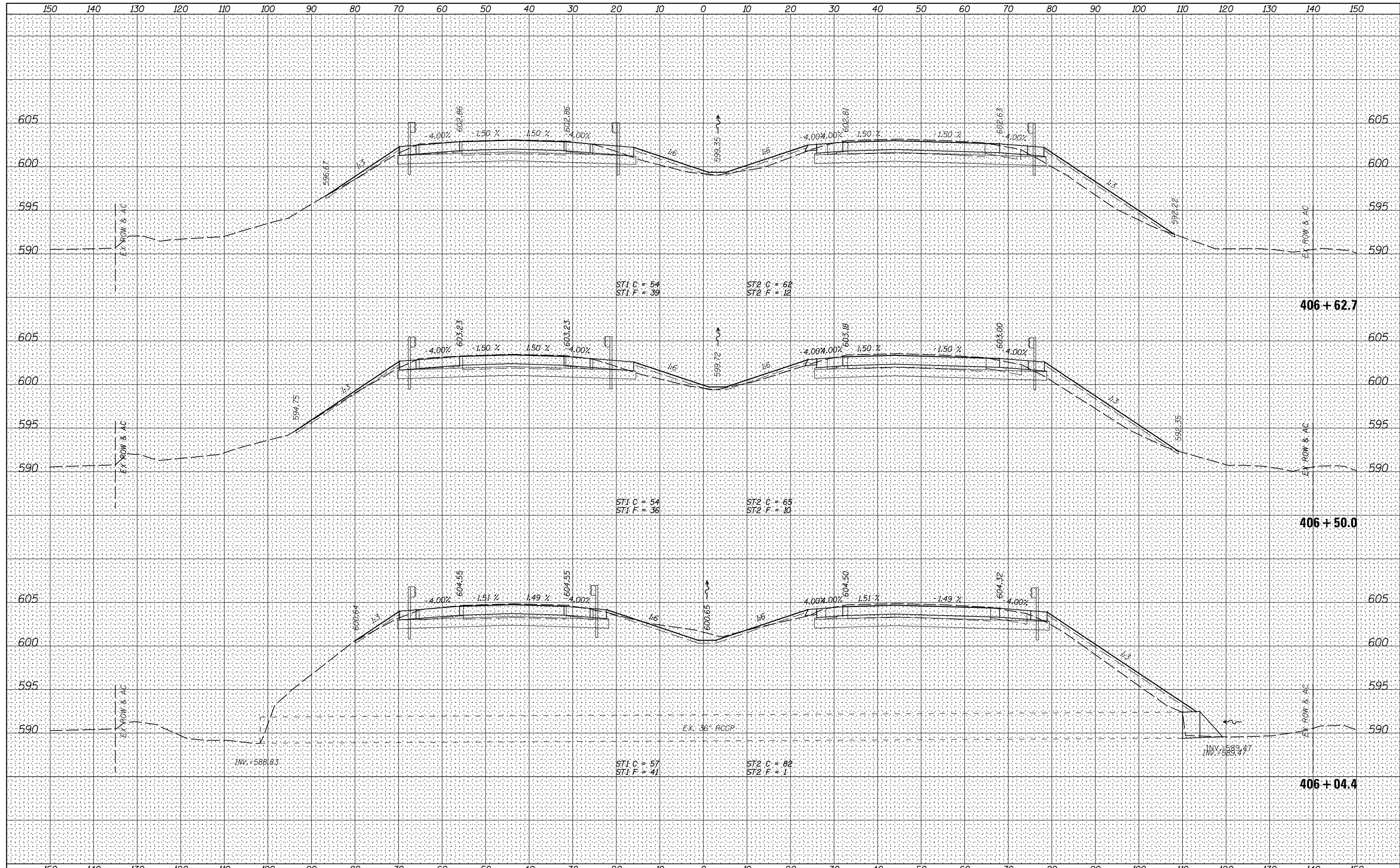
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 51 OF 83 SHEETS STA. 405+00.0 TO STA. 406+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	395
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64878	
ILLINOIS FED. AID PROJECT				

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

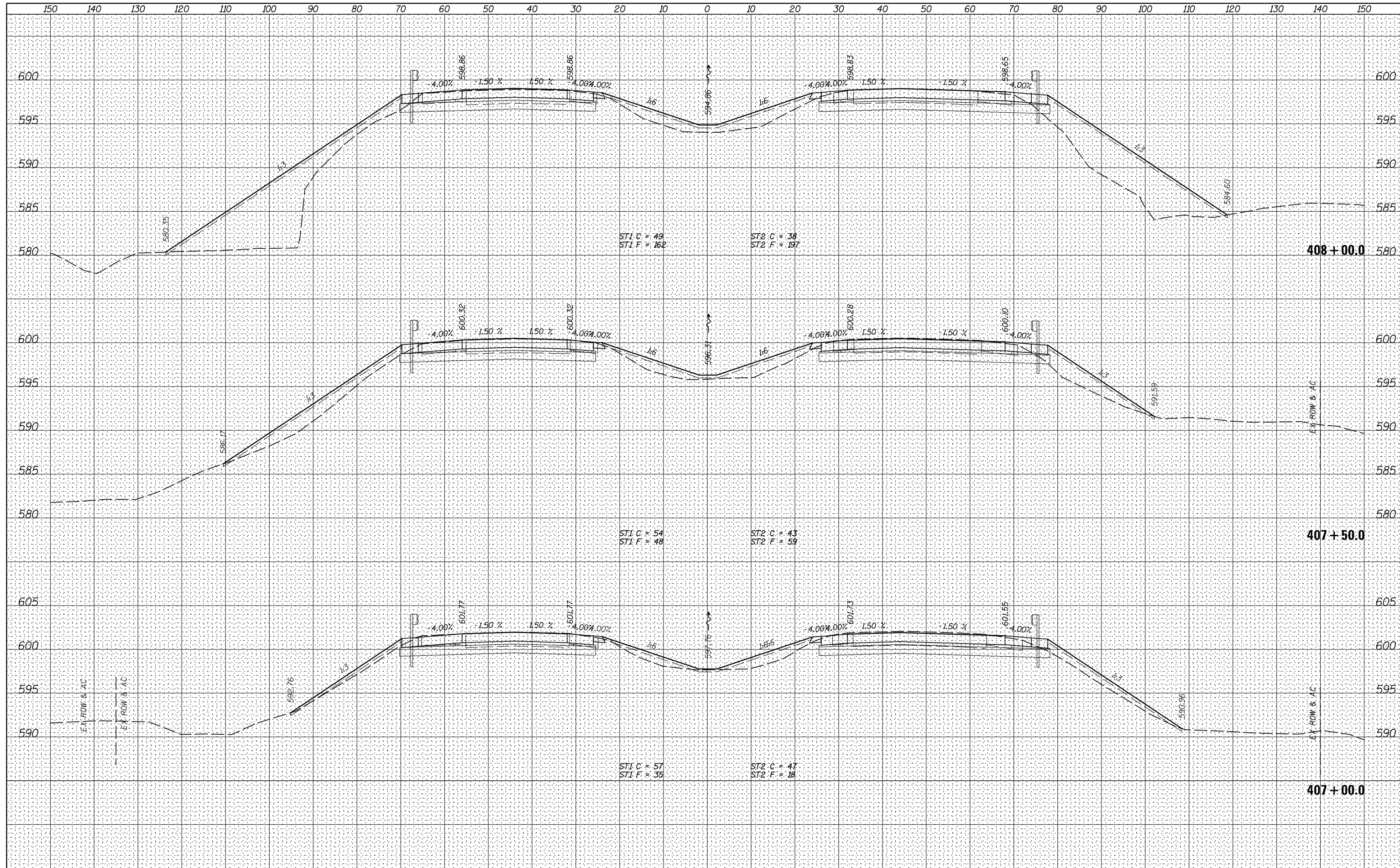
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = bdcraene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 (F.A.I. RTE. 80) CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-2.dgn		DRAWN - RMD	REVISED -		80	*	HENRY	430	396		
Default		CHECKED - DJD	REVISED -		SCALE: H=10 V=5 SHEET 52 OF 83 SHEETS STA. 406+04.4 TO STA. 406+62.7		* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
		DATE - 12/10/14	REVISED -				ILLINOIS FED. AID PROJECT				

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

DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
AREAS CHECKED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	USER NAME = bdecreane	DESIGNED - LDZ	REVISED -
V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-2.dgn		DRAWN - RMD	REVISED -
Default		CHECKED - DJD	REVISED -
		DATE - 12/10/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

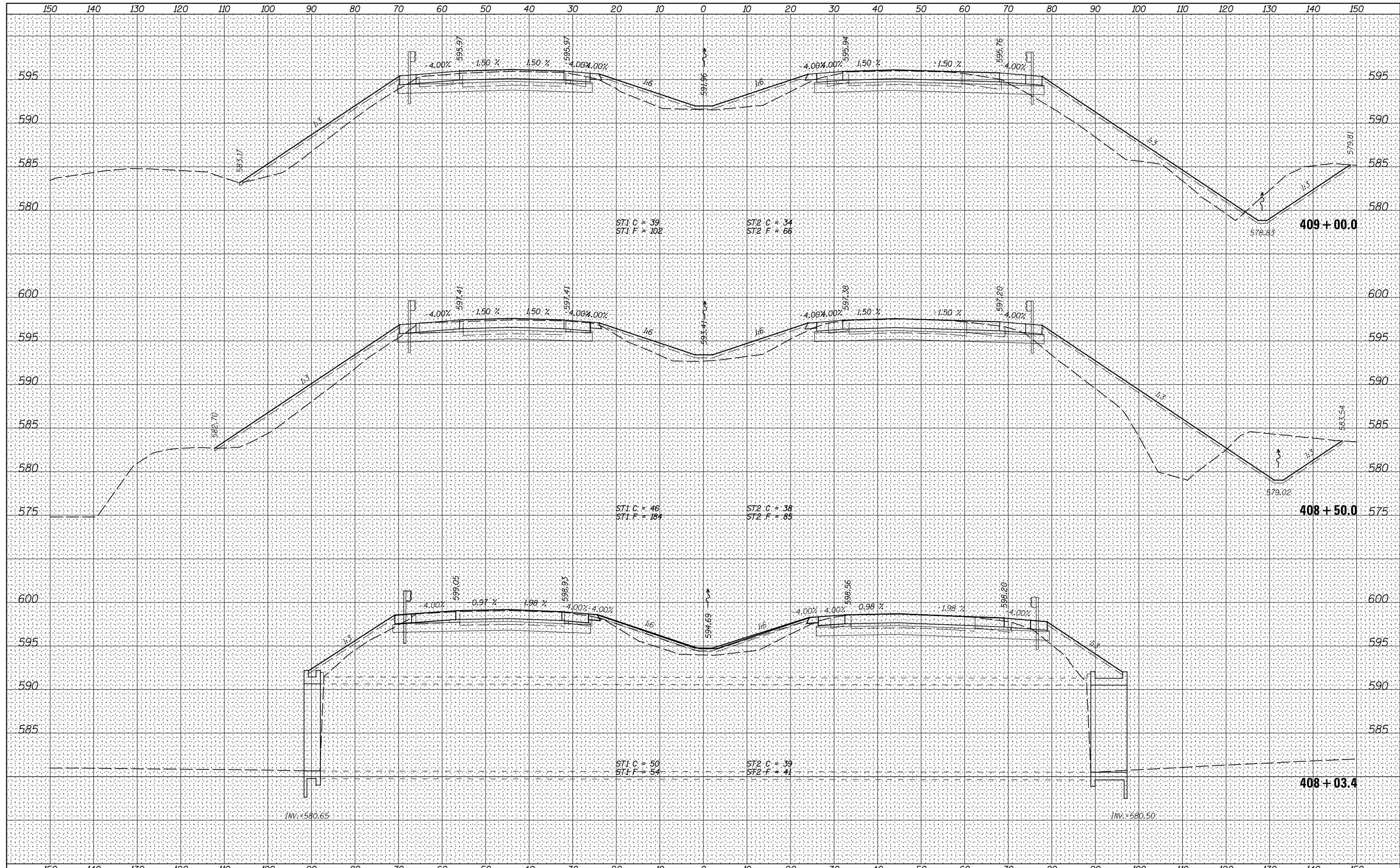
I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 53 OF 83 SHEETS STA. 407+00.0 TO STA. 408+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	397
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				

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

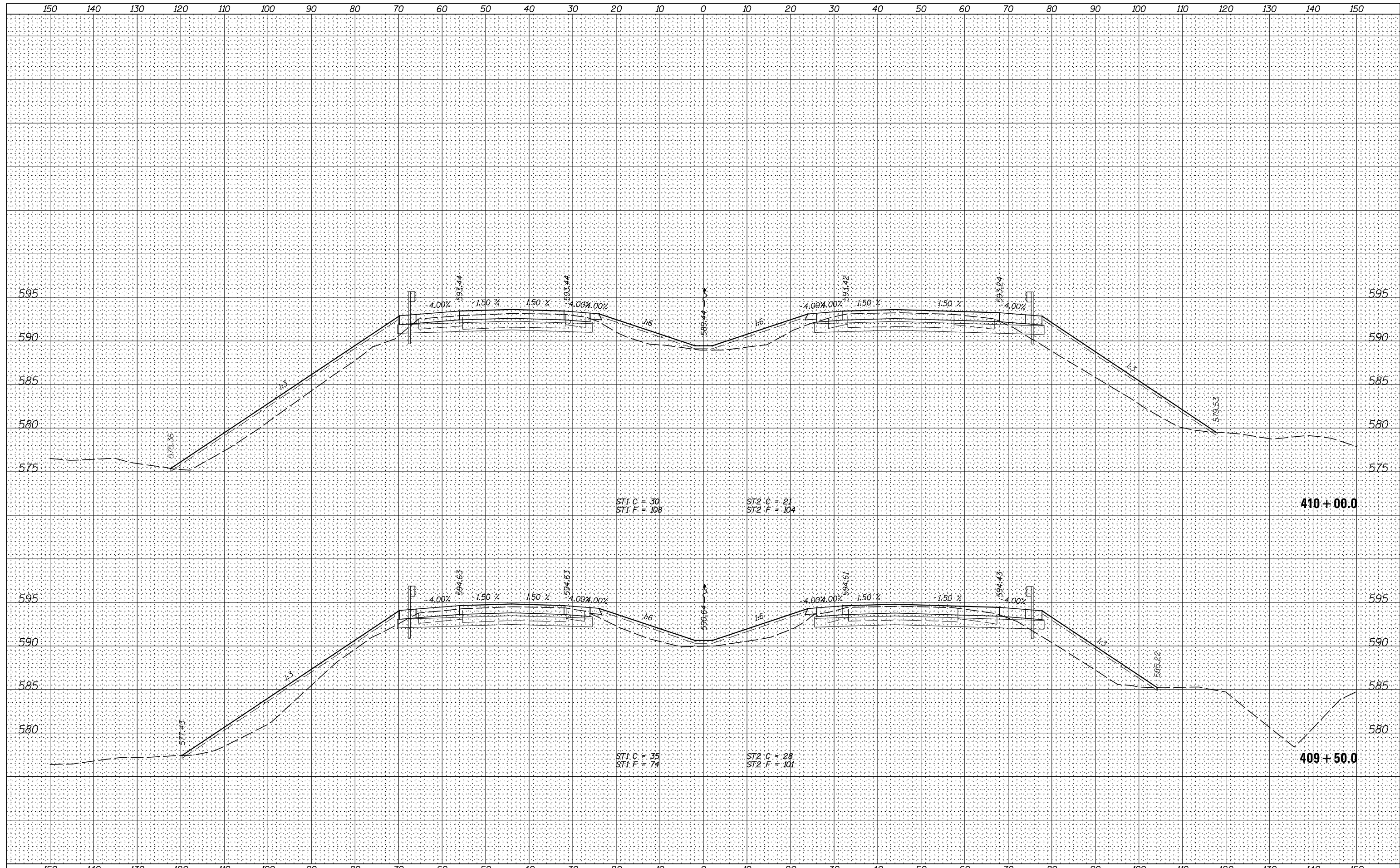
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = bdcraene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 (F.A.I. RTE. 80) CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-2.dgn		DRAWN - RMD	REVISED -		80	*	HENRY	430	398		
Default	PLOT SCALE = 20.0000' / in.	CHECKED - DJD	REVISED -		SCALE: H=10 V=5 SHEET 54 OF 83 SHEETS STA. 408+03.4 TO STA. 409+00.0		* 37-1BR-1, 81-1VBR & 81-1HBR-1		CONTRACT NO. 64B78		
	PLOT DATE = 3/17/2015	DATE - 12/10/14	REVISED -				ILLINOIS FED. AID PROJECT				

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

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



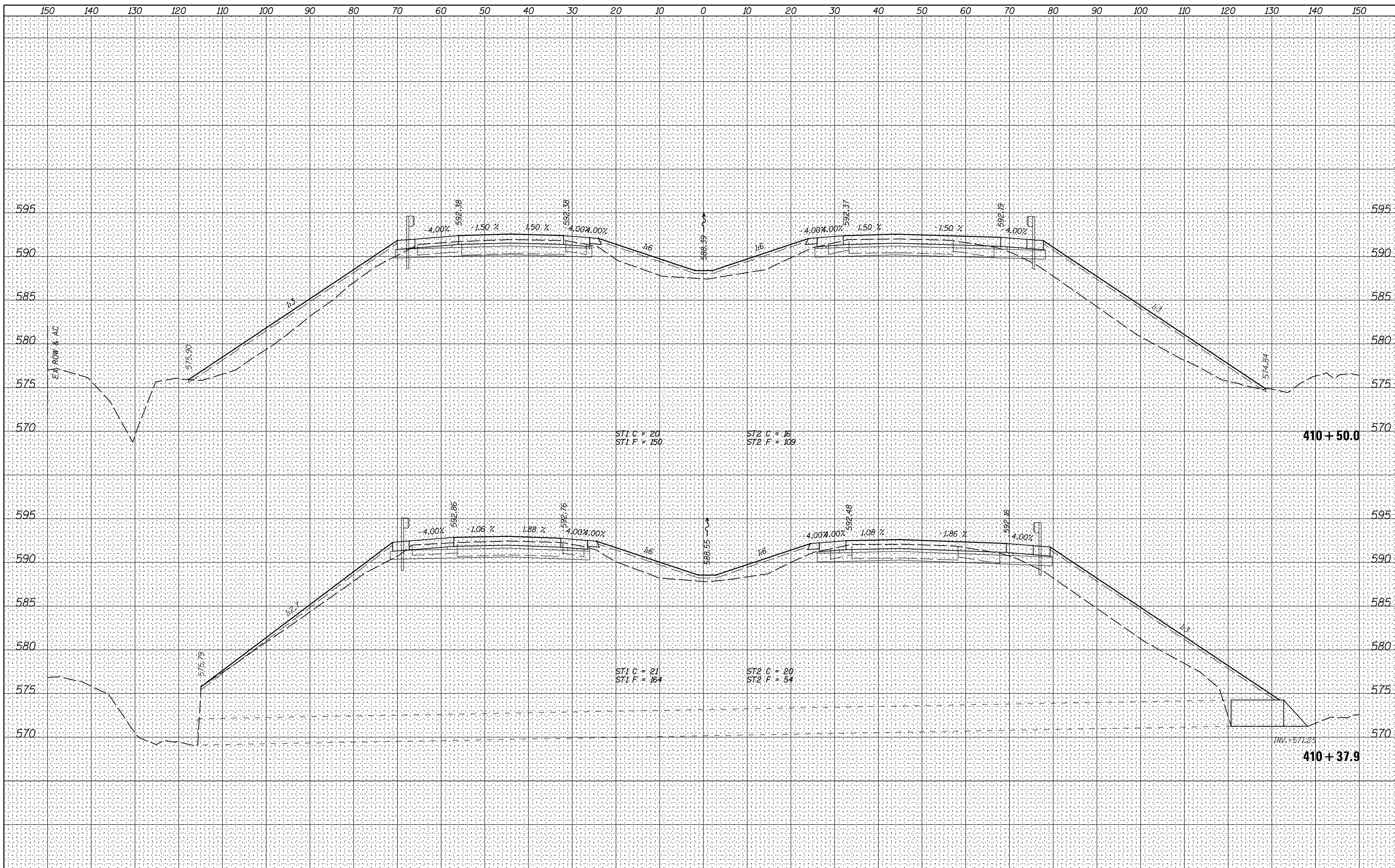
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V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-2.dgn		DRAWN - RMD	REVISED -
Default		CHECKED - DJD	REVISED -
		DATE - 12/10/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 55 OF 83 SHEETS STA. 409+50.0 TO STA. 410+00.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	399
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64B78	
ILLINOIS FED. AID PROJECT				



BY	DATE

BY	DATE

FILE NAME =	USER NAME = bdcraene	DESIGNED - LDZ	REVISED -
V:\3369\CADD Sheets\0264878.sht.xssht.1-80-recon-2.dgn		DRAWN - RMD	REVISED -
Default		CHECKED - DJD	REVISED -
		DATE - 12/10/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 (F.A.I. RTE. 80) CROSS SECTIONS

SCALE: H=10 V=5 SHEET 56 OF 83 SHEETS STA. 410+37.9 TO STA. 410+50.0

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	430	400
* 37-1BR-1, 81-1VBR & 81-1HBR-1			CONTRACT NO. 64878	
ILLINOIS FED. AID PROJECT				