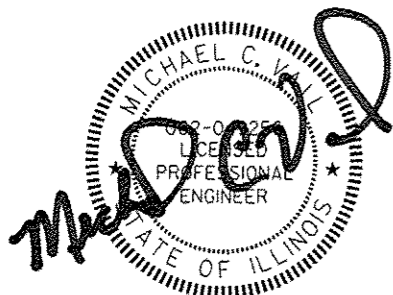


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 72B62		

D-96-020-08



SIGNATURE
12-17-2012
 DATE

LIC. EXP. DATE : 11-30-13
 QUIGG ENGINEERING INC.

DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

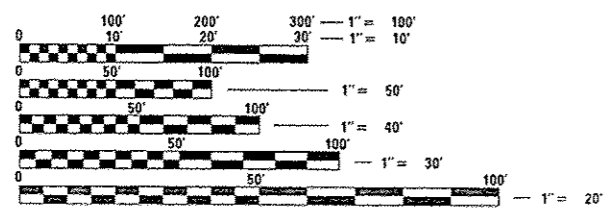
FAP ROUTE 685 (IL 996)
 SECTION 113B-4
 PROJECT F-0685 (034)
 HANCOCK COUNTY
 C-96-020-08
 BOX CULVERT REPLACEMENT
 OVER DRAINAGE DITCH

STA 146 + 92.00
 SN 034-2527
 IL 996 OVER DRAINAGE DITCH
 DOUBLE 12' SPAN X 4.5' RISE
 CAST-IN-PLACE CONCRETE BOX CULVERT
 LENGTH = 92'-1 3/4" OUT-OUT
 15 DEG SKEW LT FWD

BEGIN CONSTRUCTION
 STA 140 + 00.00

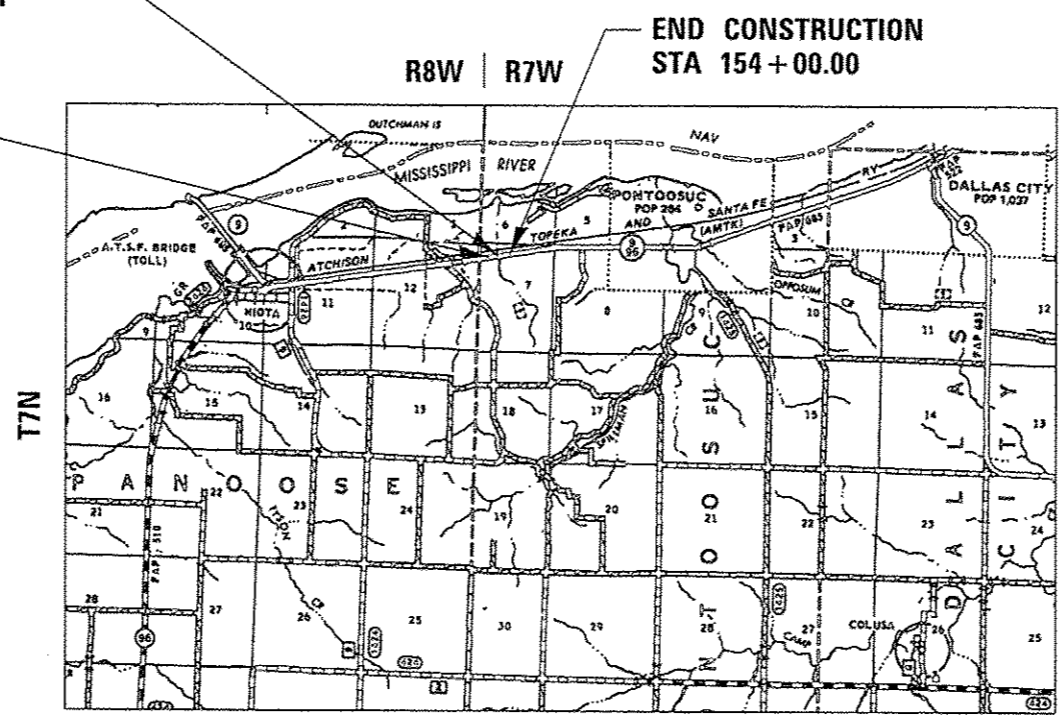
END CONSTRUCTION
 STA 154 + 00.00

AVERAGE DAILY TRAFFIC
 1900 (2012)
 PV=92.0% SU=6.2% MU=1.8%
 MINOR ARTERIAL



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

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



GROSS LENGTH = 1,400.00 FT. = 0.265 MILE
 NET LENGTH = 1,400.00 FT. = 0.265 MILE



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *December 18 2012*
Roger L. Driskell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1 2013
John D. Baranzelli, PE
 ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 2013
Omer Osman, PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

SR TEAM LEADER: MARK DUST (217) 785-0597

CONTRACT NO. 72B62

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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	HIGHWAY STANDARDS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAMES AND LIDS, TYPE 1
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- CONTRACTOR SHALL VERTICALLY SAW CUT EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING. COST TO BE INCLUDED IN HMA BASE COURSE WIDENING.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- ACTUAL SIZE AND LOCATIONS OF ADDITIONAL PATCHES, OTHER THAN THOSE NOTED IN THE PLANS, WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID UNIT PRICE FOR THE WORK.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	0.056 TONS/SQ YD*IN
AGGREGATE SHOULDERS, TYPE B	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
PRIME COAT (PAVEMENT)	0.00038 TONS/SQ YD
PRIME COAT (AGGREGATE)	0.002 TONS/SQ YD
FERTILIZER NUTRIENTS	90 LB/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE
MULCH, METHOD 2	2 TONS/ACRE
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED PRIOR TO THE START OF ANY EXCAVATION OR DEMOLITION.
- ALL UTILITIES TO BE RELOCATED BY OTHERS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL DISTURBED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED AND MULCHED, AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE ACCORDING TO THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE INITIAL OPENING OF THE COMPLETED STRUCTURE TO TWO LANE TRAFFIC, AND ONE ADDITIONAL APPLICATION.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- EARTHWORK COMPACTION SHALL BE IN ACCORDANCE WITH ARTICLE 205.06 OF THE STANDARD SPECIFICATIONS.
- ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
- EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

- THE LOCATION OF ANY NO PASSING ZONES WILL BE DOCUMENTED PRIOR TO RESURFACING. NOTIFY THE BUREAU OF OPERATIONS SO THE NO PASSING ZONES CAN BE FIELD VERIFIED (217) 785-5312.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE FINAL PAVEMENT MARKING LAYOUT.
- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

COMMITMENTS

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 STUDIES AND PLANS AT CONCERNING ANY MAJOR PLAN CHANGES TO ENSURE THAT ANY PREVIOUS COMMITMENTS (NOT LISTED) THAT WERE MADE AFFECTING THE DESIGN ARE MET, AND TO ALLOW IMPROVEMENTS TO THE DESIGN FOR FUTURE PROJECTS.
- TO ACCOMMODATE THE OWNER OF PARCELS 6288101 A & B, THE 14 FOOT WIDE RESTRICTION ON THE TEMPORARY RUNAROUND WILL ONLY BE IN FORCE BETWEEN JUNE 1, 2013 AND SEPTEMBER 15, 2013. THE OWNER WILL BE PROVIDED ACCESS AT ALL TIMES TO HIS FIELDS AND HAS BEEN ADVISED THAT ACCESS WILL INVOLVE ADVERSE TRAVEL UTILIZING TOWNSHIP ROADS BETWEEN JUNE 1, 2013 AND SEPTEMBER 15, 2013.

HMA MIXTURES REQUIREMENTS

MIXTURE USE(S):	HMA SURFACING, INCIDENTAL SURFACING	LEVELING BINDER	HMA BINDER, HMA BASE COURSE, BASE COURSE WIDENING & PATCHING
AC/PG GRADE:	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0%, N50	4.0%, N50	4.0%, N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX "C"	NONE	NONE

DISTRICT SIX

EXAMINED <u>12/7/12</u> 20 <u>12</u> <i>William M. Buzza</i> OPERATIONS ENGINEER
EXAMINED <u>Dec 12</u> 20 <u>12</u> <i>JRM LJ</i> PROGRAM DEVELOPMENT ENGINEER
EXAMINED <u>DEC 19</u> 20 <u>12</u> <i>Tommy L. L.</i> PROJECT IMPLEMENTATION ENGINEER

FILE NAME = 0672862-sh1-gennote.dgn
 USER = C:\Users\mmann
 PLOT DRIVER = VBI_PDF-11x17.drv



USER NAME = mmann	DESIGNED - MCV	REVISED -
FILE NAME = 0672862-sh1-gennote.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - MTM	REVISED -
PLOT DATE = 12/17/2012	DATE - 12/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. 2
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP FUNDING 80% FEDERAL 20% STATE	STP FUNDING 80% FEDERAL 20% STATE
				ROADWAY 0004	BRIDGE 0011
					S. N. 034-2527
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30	30	
20101000	TEMPORARY FENCE	FOOT	542	542	
20200100	EARTH EXCAVATION	CU YD	2265	2265	
20400800	FURNISHED EXCAVATION	CU YD	887	887	
20800150	TRENCH BACKFILL	CU YD	8	8	
* 25000200	SEEDING, CLASS 2	ACRE	1.5	1.5	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	136	136	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	136	136	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	136	136	
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	3	3	
* 25100115	MULCH, METHOD 2	ACRE	1.5	1.5	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	16	16	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400	400	
28000315	AGGREGATE DITCH CHECKS	TON	70	70	

*SPECIALTY ITEM

• SEE SPECIAL PROVISIONS

FILE NAME : c:\pwork\projects\parking\0672862-ah-500.dgn
 PLOT DATE : 12/12/12
 PLOT DRIVER : PLOTDRIVER



USER NAME : sporhsgr	DESIGNED - MCV	REVISED -
FILE NAME : 0672862-ah-500.dgn	DRAWN - CMM	REVISED -
PLOT SCALE : 100.0000' / 1"	CHECKED - MTM	REVISED -
PLOT DATE : Dec-18-2012 10:16:15AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. J
								CONTRACT NO. 72B62
ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP FUNDING 80% FEDERAL 20% STATE	STP FUNDING 80% FEDERAL 20% STATE
				ROADWAY 0004	BRIDGE 0011
					S. N. 034-2527
28000400	PERIMETER EROSION BARRIER	FOOT	710	710	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
28001000	AGGREGATE (EROSION CONTROL)	TON	34	34	
28100107	STONE RIPRAP, CLASS A4	SO YD	499	13	486
28200200	FILTER FABRIC	SO YD	499	13	486
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	680	680	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1458	1458	
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SO YD	186	186	
35600702	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	SO YD	437	437	
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SO YD	437	437	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	59	59	
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6	6	
40600300	AGGREGATE (PRIME COAT)	TON	9	9	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	275	275	

• SEE SPECIAL PROVISIONS

FILE NAME : c:\pwworkspace\quigg\work\2012\1016154M\1016154M.dgn
 MODEL :
 PLOT DRIVER : PLOTDR154



QUIGG ENGINEERING INC

USER NAME : sparksgv	DESIGNED : MCV	REVISED :
FILE NAME : 0672862-shr-500.dgn	DRAWN : CMM	REVISED :
PLOT SCALE : 100.0000 / in.	CHECKED : MTM	REVISED :
PLOT DATE : Dec-18-2012 10:16:15AM	DATE : 12/12	REVISED :

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	1138-4	HANCOCK	57	4
CONTRACT NO. 72862				
SCALE:	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP FUNDING 80% FEDERAL 20% STATE ROADWAY	STP FUNDING 80% FEDERAL 20% STATE BRIDGE
				0004	0011
					S. N. 034-2527
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	19	19	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	4	4	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	354	354	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	19	19	
✓ 542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	66	66	
✓ 542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	40	40	
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	144	144	
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	1	1	
* X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	207		207
Z0029602	TEMPORARY SIGNING	EACH	2	2	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	253		253

#SPECIALTY ITEM

• SEE SPECIAL PROVISIONS

FILE NAME: c:\pwork\pwork\sporksg\0321085\0672862-sh1-500.dgn
PLOT DRIVER: PLOTDRIVER



USER NAME: sporksg	DESIGNED: MCV	REVISED:
FILE NAME: 0672862-sh1-500.dgn	DRAWN: CMM	REVISED:
PLOT SCALE: 1/8"=1'-0"	CHECKED: MTM	REVISED:
PLOT DATE: Dec-18-2012 10:16:16AM	DATE: 12/12	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.

F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. 8
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP FUNDING 80% FEDERAL 20% STATE	STP FUNDING 80% FEDERAL 20% STATE
				ROADWAY 0004	BRIDGE 0011
					S. N. 034-2527
Z0077803	REMOVE WOOD POST	EACH	2	2	
X7050725	TEMPORARY STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	75	75	

• SEE SPECIAL PROVISIONS

FILE NAME : c:\non-work\p\cdo\sparksg\4832485\0672862-ht-500.dgn
 MODEL : #MODEL\$
 PLOT DRIVER : #PLOTDR\$



QUIGG ENGINEERING INC

USER NAME : sparksg	DESIGNED - MCV	REVISED -
FILE NAME : 0672862-ht-500.dgn	DRAWN - CMM	REVISED -
PLOT SCALE : 100.0000' / 1"	CHECKED - MTM	REVISED -
PLOT DATE : Dec-18-2012 10:16:15AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.	F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. 9
CONTRACT NO. 72B62								ILLINOIS FED. AID PROJECT

REMOVAL SCHEDULE							
LOCATION		HMA SURF REM - BUTT JOINT	PAVEMENT REMOVAL	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	REMOVE WOOD POST	WOVEN WIRE FENCE REMOVAL
SIDE	STA	SQ YD	SQ YD	EACH	FOOT	EACH	FOOT
	140+00.00 TO 140+30.00	74					
LT	142+29.5 TO 151+45.00		1458				
	146+52.49 TO 146+95.00		108				
	147+15.16 TO 147+45.66		78				
RT	145+85.00 TO 146+72.00						89
RT	147+02.00 TO 147+57.00						55
40.5' LT	151+77.00					1	
47.5' LT	151+78.00					1	
17.7' LT	152+48.55			1			
17.5' LT	152+48.59			1			
23.7' RT	152+51.65			1			
RT	152+52.86 TO 152+65.80				21		
	153+70.00 TO 154+00.00	74					
TOTAL		148	1644	3	21	2	144

EROSION CONTROL SCHEDULE								
LOCATION		TEMPORARY EROSION SEEDING	AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	AGGREGATE (EROSION CONTROL)	TEMPORARY FENCE	TEMPORARY SIGNING
SIDE	STA	POUND	TON	FOOT	EACH	TON	FOOT	EACH
RT	142+00.00 TO 146+57.24	50						
LT	140+00.00 TO 146+92.51	100		440				
RT	140+50.00		5					
LT	142+75.00		5					
RT	143+00.00		5					
LT	143+25.00		5					
LT	144+62.50		5					
RT	146+25.00		5					
LT	147+17.00					25		
LT	149+12.00		5					
RT	149+50.00		5					
LT	150+33.00		5					
LT	151+50.00		5					
RT	151+50.00		5					
LT	152+00.00		5					
RT	152+00.00		5					
RT	153+25.00		5					
27.17' RT	152+34.88				1			
27.03' RT	153+00.00				1	9		
RT	146+94.24 TO 154+00.00	50					542	2
LT	147+37.51 TO 154+00.00	200		270				
TOTAL		400	70	710	2	34	542	2

TREE REMOVAL SCHEDULE		
LOCATION		6 to 15 UNITS DIAMETER
SIDE	STA	UNIT
80' RT	146+87.00	12
76' RT	146+89.00	6
71' RT	146+91.00	12
TOTAL		30

DRAINAGE SCHEDULE										
LOCATION		PIPE CULV, CLASS D, TYPE 1 18"	PIPE CULV, CLASS A, TYPE 1 24"	METAL END SECTIONS 18"	PRC FLARED END SECTIONS 24"	MAN, TY A, 5' DIAM, TY 1 FRAME, CL	TRENCH BACKFILL	STONE RIPRAP, CLASS A4	FILTER FABRIC	CONTROLLED LOW-STRENGTH MATERIAL
SIDE	STA	FOOT	FOOT	EACH	EACH	EACH	CU YD	SQ YD	SQ YD	CU YD
RT	152+41.00 TO 152+81.00	40		2						
RT	152+48.50									5.3
RT/LT	153+00.00		66		2	1	8	13	13	
TOTAL		40	66	2	2	1	8	13	13	5.3

RIGHT OF WAY MARKERS SCHEDULE			
LOCATION		FURNISHING AND ERECTING RIGHT OF WAY	REMOVE RIGHT OF WAY MARKERS
SIDE	STA	EACH	EACH
40' LT	144+00.00	1	
40' RT	146+00.00	1	
50' LT	146+25.00	1	
113.32' LT	146+25.00	1	
80' RT	146+50.00	1	
80' RT	147+00.00	1	
40' RT	147+50.00	1	
104.14' LT	151+69.81	1	
40' LT	151+69.81	1	
40.23' LT	151+77.28		1
TOTAL		9	1

ENTRANCE SCHEDULE			
LOCATION		TYPE OF ENTRANCE	AGGREGATE BASE CSE, TYPE B 6"
SIDE	STA	FE / PE	SQ YD
RT	146+00.00	FE	79
LT	146+63.00	FE	251
LT	147+62.00	FE	248
RT	147+69.00	PE	62
RT	152+62.00	PE	40
TOTAL			680

STAGING SCHEDULE							
LOCATION		TEMPORARY CONCRETE BARRIER	IMP ATTN, TEMP FRN, TEST LEVEL 3	TEMPORARY SPBGR, TO STRUCTURES	TEMPORARY TRAFFIC TERM, TYPE 2	TEMPORARY SPBGR (SHORT RADIUS)	GUARDRAIL MARKERS, TYPE A
SIDE	STA	FOOT	EACH	FOOT	EACH	FOOT	EACH
	142+01.47 TO 151+73.53	975	2				
LT	146+61.86				1		
LT	146+61.86 TO 146+86.79					37.5	2
LT	146+86.79 TO 147+24.29			37.5			
LT	147+24.29 TO 147+49.16					37.5	2
LT	147+49.16				1		
TOTAL		975	2	37.5	2	75	4

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 DRAWN - CMM
 CHECKED - MTM
 DATE - 12/12

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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES
 SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 685 SECTION 113B-4 COUNTY HANCOCK TOTAL SHEETS 57 SHEET NO. 10 CONTRACT NO. 72B62 ILLINOIS FED. AID PROJECT

EARTHWORK SCHEDULE							
STAGE	LOCATION		EARTH EXCAVATION	EARTH EXCAVATION FOR EROSION CONTROL	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (NOT A PAY ITEM)	BALANCE WASTE (+) OR SHORTAGE (-)
	FROM	TO	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 1	141+96.00	153+00.00	562		422	1993	-1571
	147+17.00			12*			
	153+00.00			4	3		3
STAGE 3	141+96.00	153+50.00	1703		1277	596	681
TOTAL			2265	16	1702	2589	-887

NOTES:
1. ASSUME 25% SHRINKAGE
• NOT SUITABLE FOR EMBANKMENT

TEMPORARY PAVEMENT MARKING SCHEDULE						
SIDE	LOCATION	DESCRIPTION	SHORT TERM PAVEMENT MARKING	TEMP PAVEMENT MK - LINE 5"	TEMP PAVEMENT MK - LINE 24"	WORK ZONE PAVT MK REM
			FOOT	FOOT	FOOT	SQ FT
RT	140+62.00 TO 152+50.00 - RUNAROUND	EDGE LINE		1221		510
LT	141+98.00 TO 151+79.30 - RUNAROUND	EDGE LINE		982		409
CL*	140+52.00 TO 153+73.00	SKIP DASH		340		142
CL*	148+96.59 TO 153+73.00	SOLID NPZ		477		199
LT*	141+98.00 TO 153+50.00	EDGE LINE		1152		480
RT*	142+00.00 TO 153+50.00	EDGE LINE		1150		480
CL	140+52.00 TO 153+73.00	SKIP DASH	272			57
LT	141+98.00 TO 153+50.00	EDGE LINE	96			20
RT	142+00.00 TO 153+50.00	EDGE LINE	96			20
RT	140+52.00	STOP BAR			11	22
LT	153+73.00	STOP BAR			11	22
TOTAL			464	5322	22	2361

PAVEMENT MARKING SCHEDULE						
SIDE	LOCATION	DESCRIPTION	PAINT PAVEMENT MARKING - LINE 5"	PAVEMENT MARKING REMOVAL	RAISED REFL PVMT MKR	RAISED REFL PVMT MKR REMOVAL
			FOOT	SQ FT	EACH	EACH
CL	140+52.00 TO 142+62.00	SKIP DASH		25		
CL	140+00.00 TO 154+00.00	SKIP DASH	350		19	19
LT	140+00.00 TO 154+00.00	EDGE LINE	1400			
RT	140+00.00 TO 154+00.00	EDGE LINE	1400			
LT	141+98.00 TO 144+23.22	EDGE LINE		95		
LT	149+53.75 TO 151+79.30	EDGE LINE		95		
CL	148+96.59 TO 154+00.00	SOLID NPZ	504			
CL	151+13.00 TO 153.73.00	SKIP DASH		30		
CL	151+13.00 TO 153.73.00	SOLID NPZ		109		
TOTAL			3654	354	19	19

SEEDING SCHEDULE							
SIDE	LOCATION	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2
		ACRE	POUND	POUND	POUND	TON	ACRE
LT	141+96.00 TO 146+90.00	0.4	36	36	36	0.8	0.4
LT	147+10.00 TO 153+50.00	0.75	68	68	68	1.5	0.75
RT	142+00.00 TO 146+74.00	0.15	14	14	14	0.3	0.15
RT	147+01.00 TO 153+50.00	0.2	18	18	18	0.4	0.2
TOTAL		1.5	136	136	136	3	1.5

PAVEMENT SCHEDULE													
SIDE	LOCATION	HMA SURFACE CSE, MIX "C", N50	LEVELING BINDER (MM), N50	HMA BINDER CSE, IL-19.0, N50	HMA SURFACING BASE CSE WIDENING, 6.5"	HMA SURFACING BASE CSE WIDENING, 8"	HMA BASE CSE, 8"	HMA BASE CSE, 12"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX SURFACING	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP
		TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	SQ YD
	142+00.00 TO 142+05.00												14
	140+00.00 TO 154+00.00	366							6	9		85	
	140+00.00 TO 146+52.49				218	218							
	146+52.49 TO 146+95.00							108					
	140+00.00 TO 154+00.00							78					
	147+15.16 TO 147+45.66				219	219							
LT	142+29.50 TO 151+45.50						1458						
	153+45.00 TO 153+50.00												14
RT	152+62.00 - PE									5			
	140+45.00 TO 153+55.00		275										
	146+00.00 TO 148+00.00			156									
TOTAL		366	275	156	437	437	1458	186	6	9	5	85	28

ESTIMATED QUANTITIES SCHEDULE					
SIDE	LOCATION	AGGREGATE FOR TEMPORARY ACCESS	PAVEMENT PATCHING, TYPE II, 12"	PAVEMENT PATCHING, TYPE III, 12"	PAVEMENT PATCHING, TYPE IV, 12"
		TON	SQ YD	SQ YD	SQ YD
LT	146+40.00	59			
	140+00.00 TO 154+00.00		99	80	40
TOTAL		59	99	80	40

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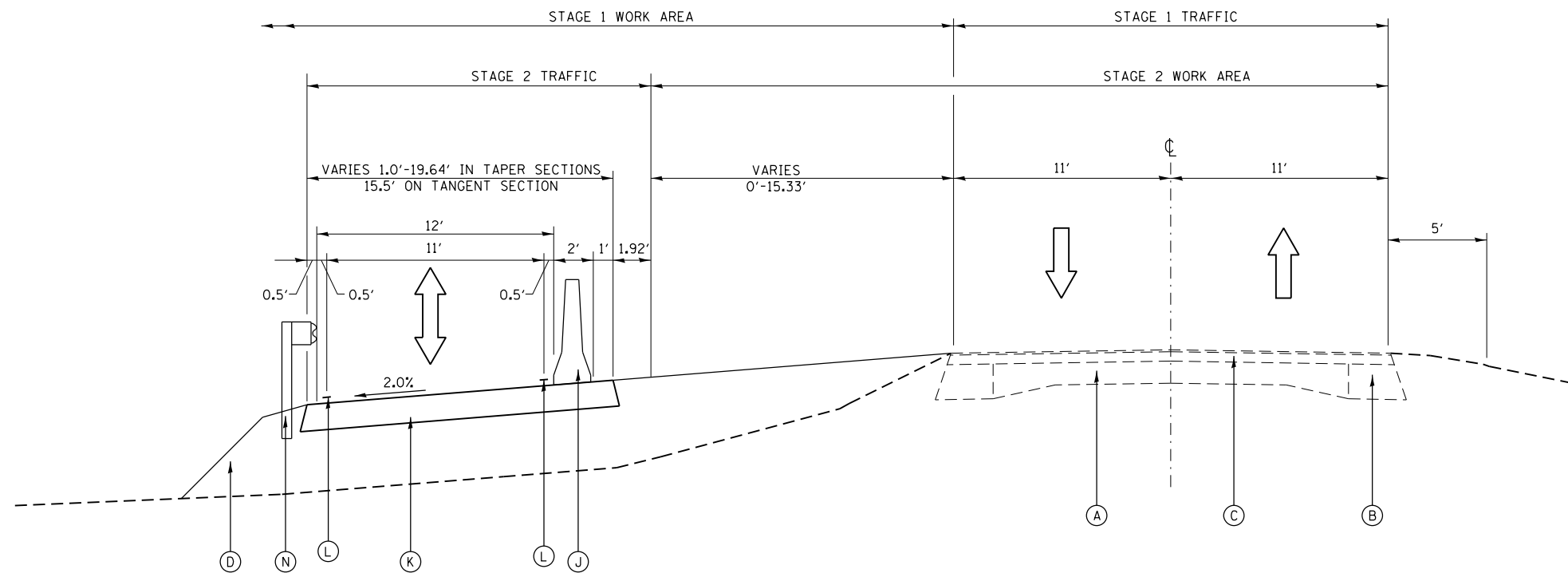
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	11
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

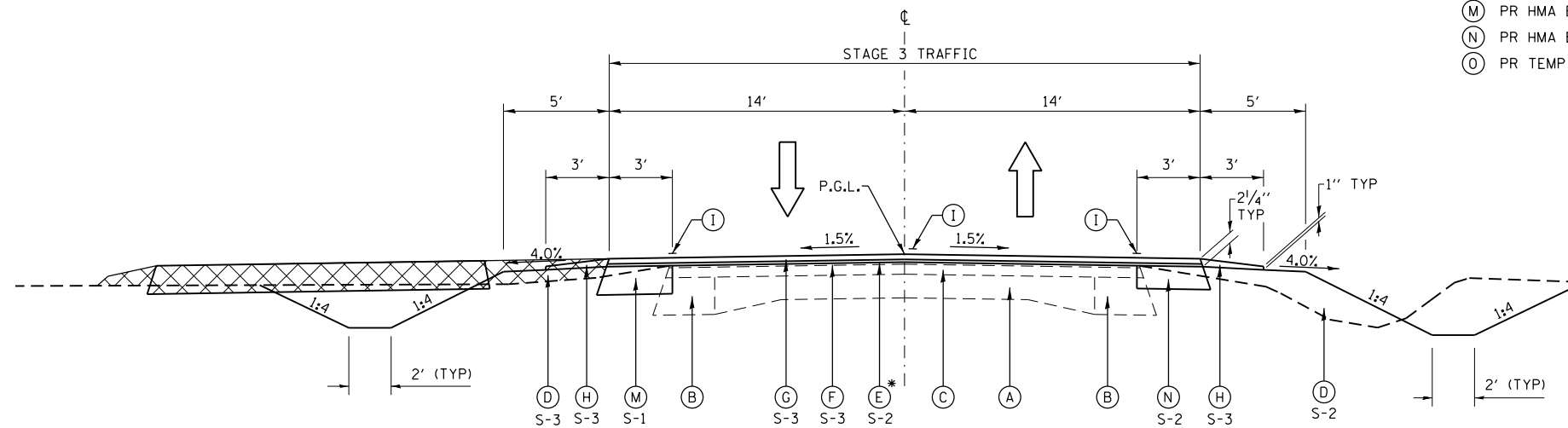


FAP 685 – TYPICAL CROSS SECTION (STAGE 1 CONSTRUCTION)
 STA 142+29.50 TO STA 151+45.50

NOTE: RUNAROUND TO BE REMOVED IN STAGE 3.

LEGEND

- (A) EX PCC PAVEMENT (9-6-9)
- (B) EX HMA BASE COURSE / WIDENING, 9"
- (C) EX HMA SURFACE, 6"±
- (D) PR EARTHWORK (EARTH EXCAVATION & EMBANKMENT)
- (E) PR HMA BINDER COURSE, VAR. DEPTH (USED ONLY IN LOCATIONS WHERE TOTAL PR RESURFACING THICKNESS EXCEEDS 4.5"; THEREFORE, MINIMUM BINDER THICKNESS = 2.25")
- (F) PR LEVELING BINDER (MACHINE METHOD), N50 3/4" & VAR.
- (G) PR HMA SURFACE COURSE, MIX "C", N50, 1.5"
- (H) PR AGGREGATE SHOULDER, TYPE B
- (I) PR PAINT PAVEMENT MARKING, LINE - 5"
- (J) TEMP CONCRETE BARRIER
- (K) PR HMA BASE COURSE 8"
- (L) TEMP PAVEMENT MARKING LINE - 5"
- (M) PR HMA BASE COURSE WIDENING, 8"
- (N) PR HMA BASE COURSE WIDENING, 6.5"
- (O) PR TEMP GUARDRAIL



FAP 685 – TYPICAL CROSS SECTION (STAGE 3 CONSTRUCTION)
 STA 140+00.00 TO STA 146+52.49
 STA 147+45.66 TO STA 154+00.00

S-X DENOTES STAGE WORK IS TO BE DONE

* BEGINS AT STA 146+00
 ENDS AT STA 148+00

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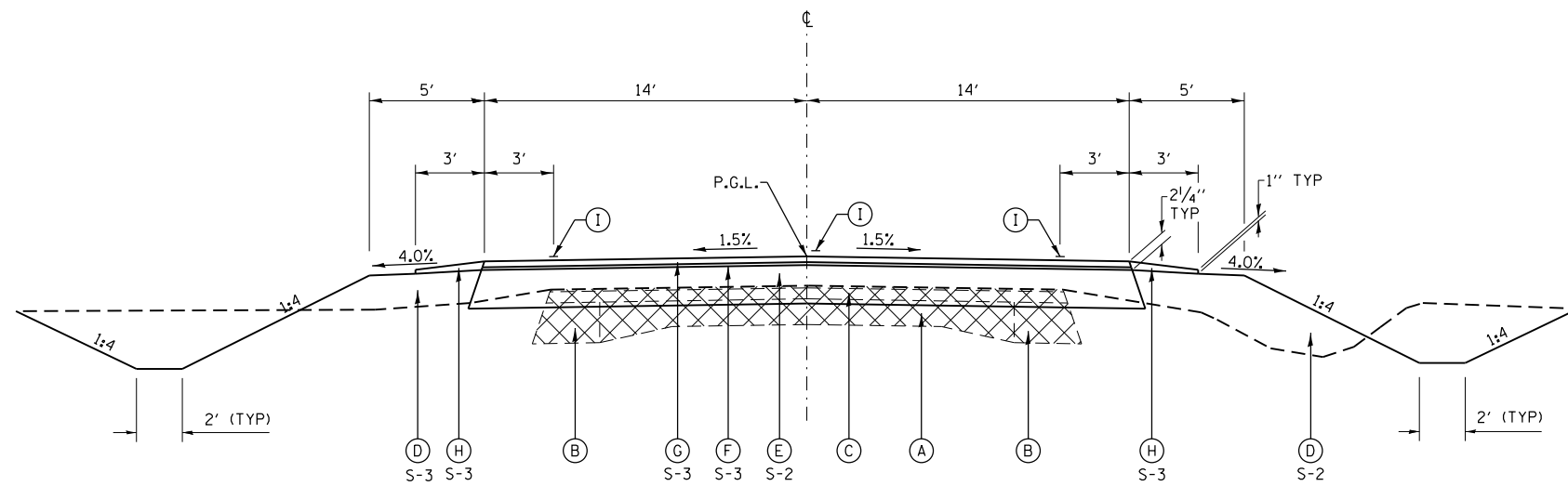
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 996

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	12
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

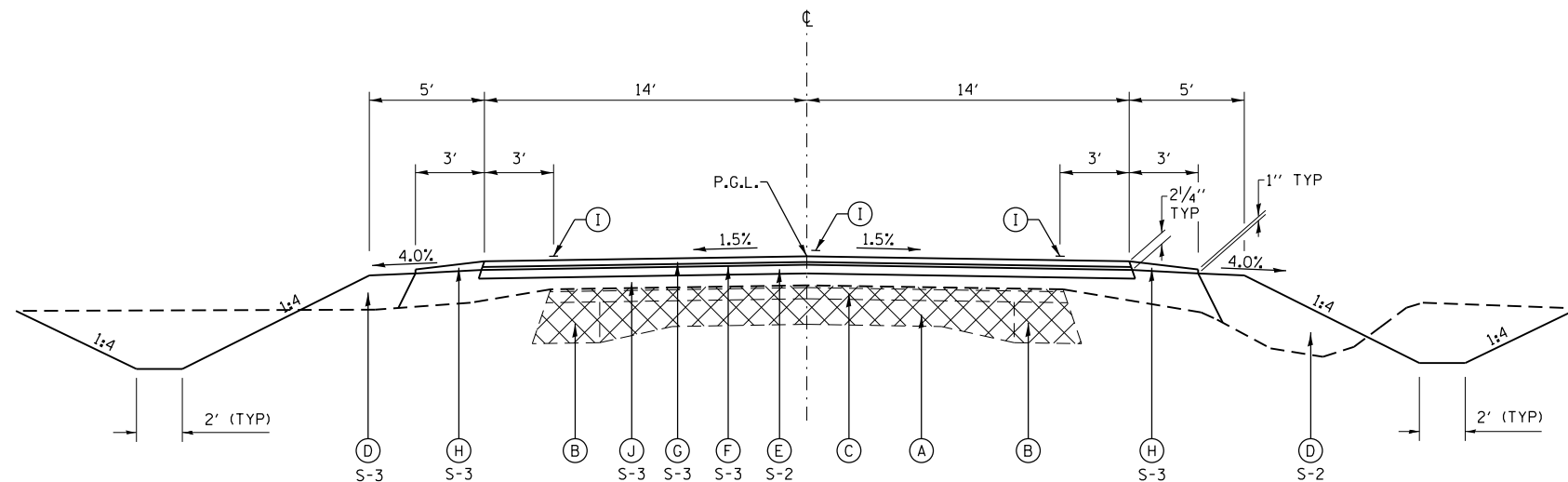


FAP 685 – TYPICAL CROSS SECTION (STAGE 2 CONSTRUCTION)

STA 146 + 52.49 TO STA 146 + 68.89
 STA 147 + 15.49 TO STA 147 + 45.66

LEGEND

- (A) EX PCC PAVEMENT (9-6-9)
- (B) EX HMA BASE COURSE / WIDENING, 9"
- (C) EX HMA SURFACE, 6"±
- (D) EX EARTHWORK (EARTH EXCAVATION & EMBANKMENT)
- (E) PR HMA BINDER COURSE, VAR. DEPTH (USED ONLY IN LOCATIONS WHERE TOTAL PR RESURFACING THICKNESS EXCEEDS 4.5"; THEREFORE, MINIMUM BINDER THICKNESS = 2.25")
- (F) PR LEVELING BINDER (MACHINE METHOD), N50 3/4" & VAR.
- (G) PR HMA SURFACE COURSE, MIX "C", N50, 1.5"
- (H) PR AGGREGATE SHOULDER, TYPE B
- (I) PR PAINT PAVEMENT MARKING, LINE - 5"
- (J) GRANULAR CULVERT BACKFILL



FAP 685 – TYPICAL CROSS SECTION (STAGE 2 CONSTRUCTION)

STA 146 + 68.89 TO STA 147 + 15.49

NOTE: EX PVT & CULV TBR; REPLACED WITH PR DBL BOX CULV WITH GRAN CULV BACKFILL

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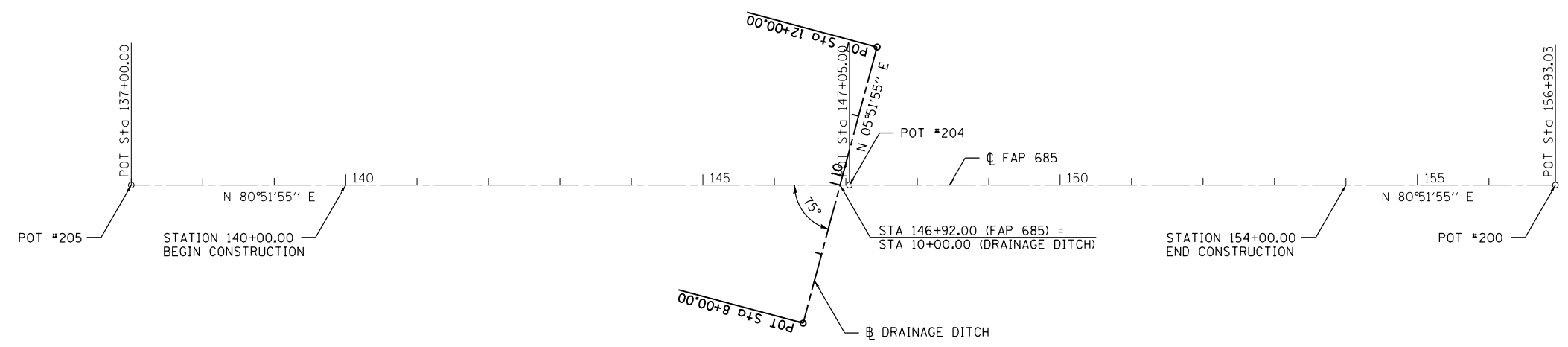
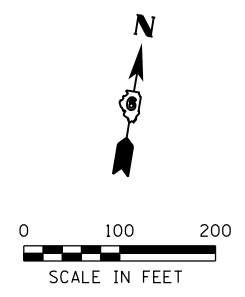
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

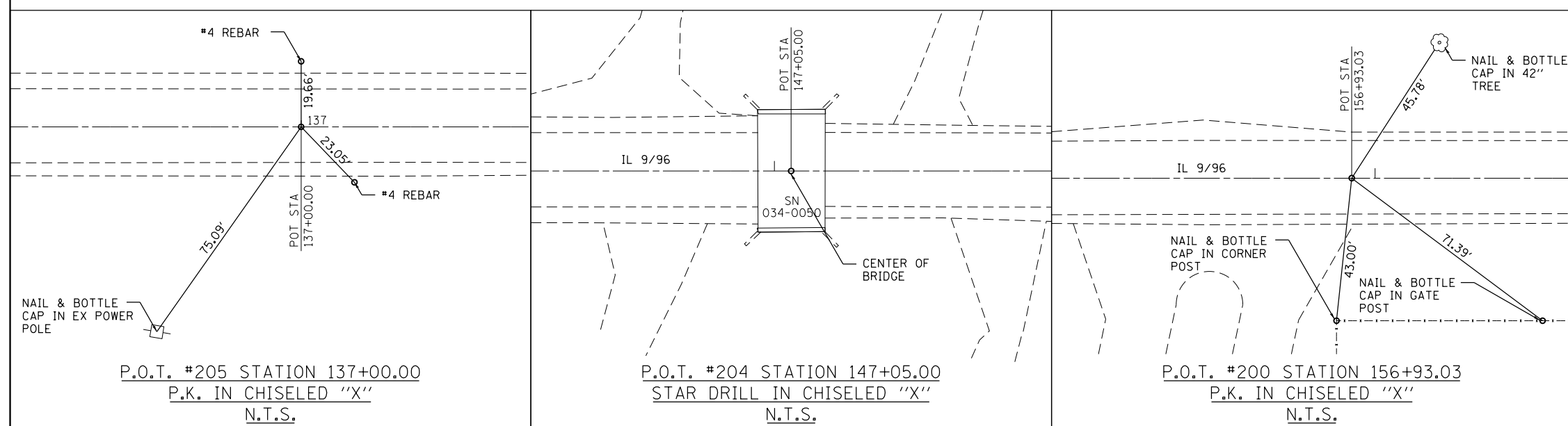
TYPICAL SECTIONS - IL 996

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	13
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



REFERENCE POINT			NORTHING	EASTING
TYPE	STATION	LOCATION		
POT	137+00.00	FAP 685	3589969.95	4143805.02
POT	147+05.00	FAP 685	3590129.50	4144797.27
POT	156+93.03	FAP 685	3590286.36	4145772.78
POT	8+00.00	CHANNEL	3589928.49	4144764.00
POT	12+00.00	CHANNEL	3590326.39	4144804.88



BENCHMARK TA-2
 SET 600 NAIL IN POWER POLE ON SOUTH SIDE OF IL 9/96 @ STATION 138+50.10, 35.60' RT. NAVD '88 ELEVATION = 535.35 FT.

BENCHMARK TA-2A
 FOUND CHISELED "□" ON SOUTHWEST WING WALL OF SN 034-0050 @ STATION 146+95.20, 18.60' RT. NAVD '88 = 540.86 FT.

BENCHMARK TA-3
 SET CHISELED "□" ON WEST END OF NORTH CONCRETE HEADWALL @ STATION 152+42.30, 17.60' RT. NAVD '88 = 540.97 FT.

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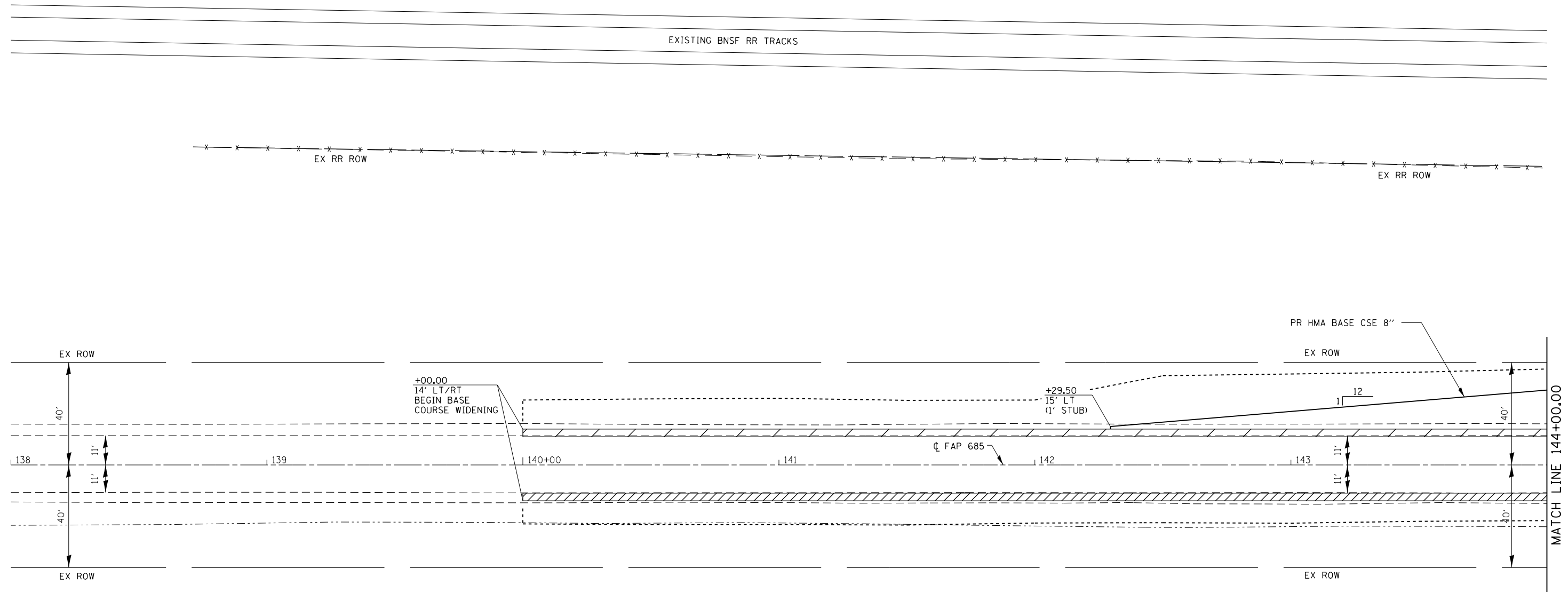
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES &
 BENCHMARK DATA**

SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. 137+00.00 TO STA. 156+93.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	14
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



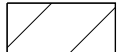

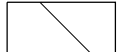
STAGE 1 CONSTRUCTION SEQUENCE

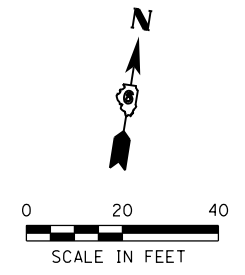
1. TRAFFIC SHALL BE BI-DIRECTIONAL ON EXISTING STRUCTURE.
2. REMOVE EXISTING WINGWALLS AND FOOTINGS FROM NORTH END OF STRUCTURE.
3. CONSTRUCT PROPOSED NORTH END OF BOX CULVERT.
4. CUT DITCHES ON RT, COMPLETE EMBANKMENT ON LT FOR RUNAROUND.
5. CONSTRUCT HMA BASE COURSE WIDENING, 8" (TO REMAIN IN PLACE)
6. CONSTRUCT HMA BASE COURSE WIDENING, 6.5" (TO REMAIN IN PLACE)
7. CONSTRUCT HMA BASE COURSE RUNAROUND FROM 141+98.00 LT TO 151+79.30 LT.
8. INSTALL TEMPORARY GUARDRAIL AS PER PLAN DETAILS.
9. INSTALL TEMPORARY AGGREGATE TO PROVIDE ACCESS DURING STAGE 2.
10. SET UP TEMPORARY TRAFFIC CONTROL AND SIGNALS USING THESE PLANS IN CONJUNCTION WITH TRAFFIC CONTROL & PROTECTION STANDARD 701321.
11. REMOVE ANY CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY CONCRETE BARRIER AND PAVEMENT MARKING IN ACCORDANCE WITH THESE PLANS FOR STAGE 2 CONSTRUCTION.
12. SWITCH TRAFFIC TO STAGE 2.

GENERAL NOTES

1. FOR ALL ENTRANCES THAT WILL NOT BE REMOVED WITH THESE PLANS, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL P.E.'S AT ALL TIMES. SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
2. ACCESS MUST BE PROVIDED TO ALL F.E.'S AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
3. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701321 AND AS DIRECTED BY THE ENGINEER.
4. VERTICAL PANELS, DRUMS WITH STEADY BURNING LIGHTS, TYPE III BARRICADES, SIGNS, MICROWAVE DETECTOR SYSTEMS, DETECTOR LOOPS, AND TYPE C BI-DIRECTIONAL REFLECTORS, SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR "TRAFFIC CONTROL AND PROTECTION STANDARD 701321." TEMPORARY PAVEMENT MARKING AND TRAFFIC SIGNALS WILL BE PAID FOR SEPARATELY.
5. THE CONTRACTOR SHALL PROVIDE AND ERECT LANE WIDTH RESTRICTION SIGNING. THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER BEFORE IMPLEMENTING ANY STAGE 1 TRAFFIC CONTROL.
6. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 785-5836 AT LEAST 21 DAYS PRIOR TO IMPLEMENTING STAGE 1 TRAFFIC CONTROL AND WHEN SWITCH IN STAGING IS MADE.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 524-9161 AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISIONS FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.

LEGEND

-  - BASE COURSE WIDENING, 8"
-  - BASE COURSE WIDENING, 6.5"
-  - NATURAL AREA



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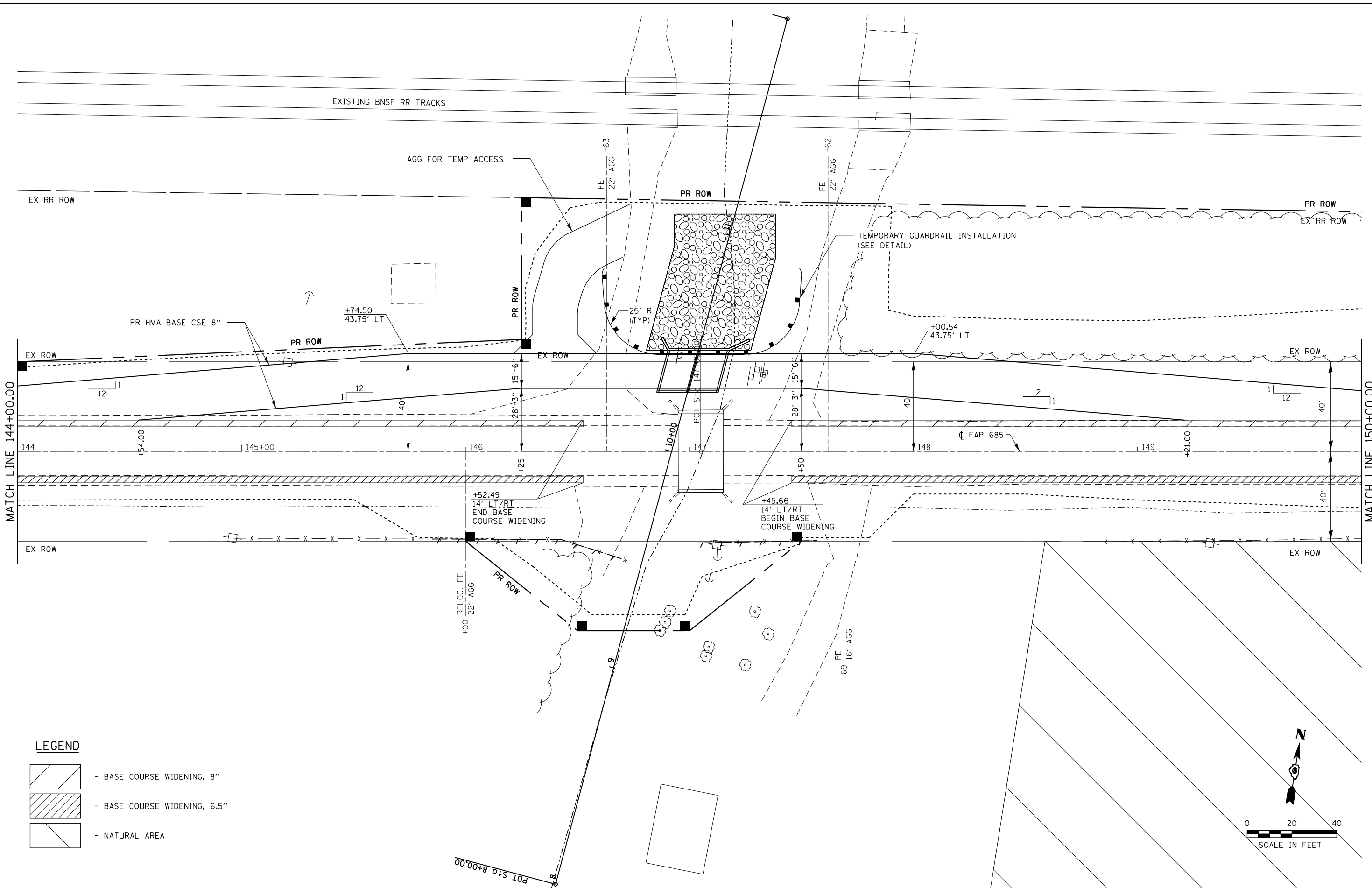
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

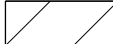


**IL 996 OVER DRAINAGE DITCH
TRAFFIC CONTROL & PROTECTION - STAGE 1**

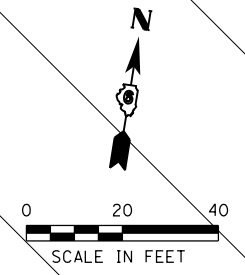
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	15
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



LEGEND

-  - BASE COURSE WIDENING, 8"
-  - BASE COURSE WIDENING, 6.5"
-  - NATURAL AREA



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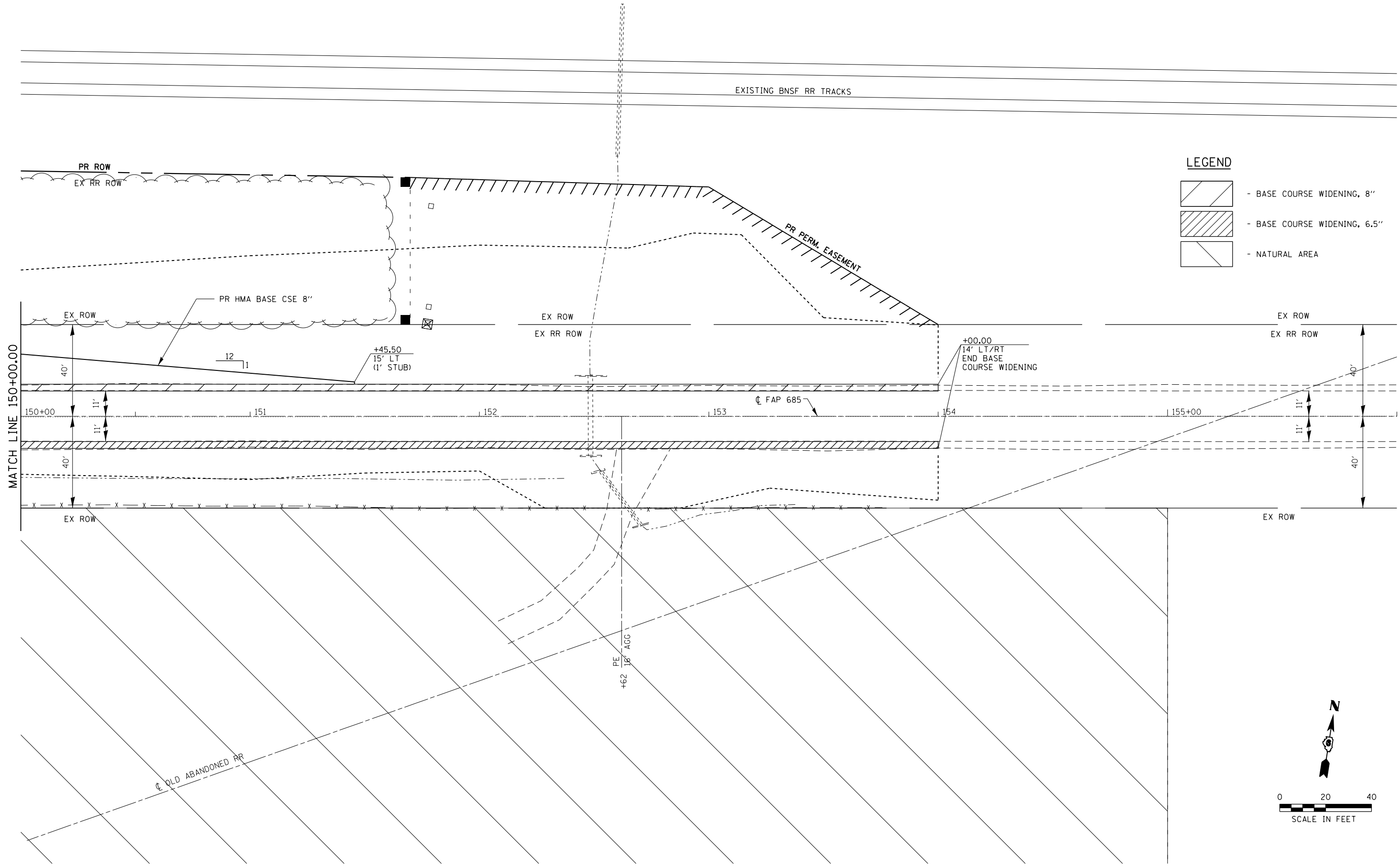
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 996 OVER DRAINAGE DITCH
TRAFFIC CONTROL & PROTECTION - STAGE 1**




SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 144+00.00 TO STA. 150+00.00

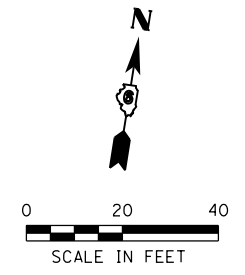
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685	113B-4	HANCOCK	57	16
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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LEGEND

-  - BASE COURSE WIDENING, 8"
-  - BASE COURSE WIDENING, 6.5"
-  - NATURAL AREA



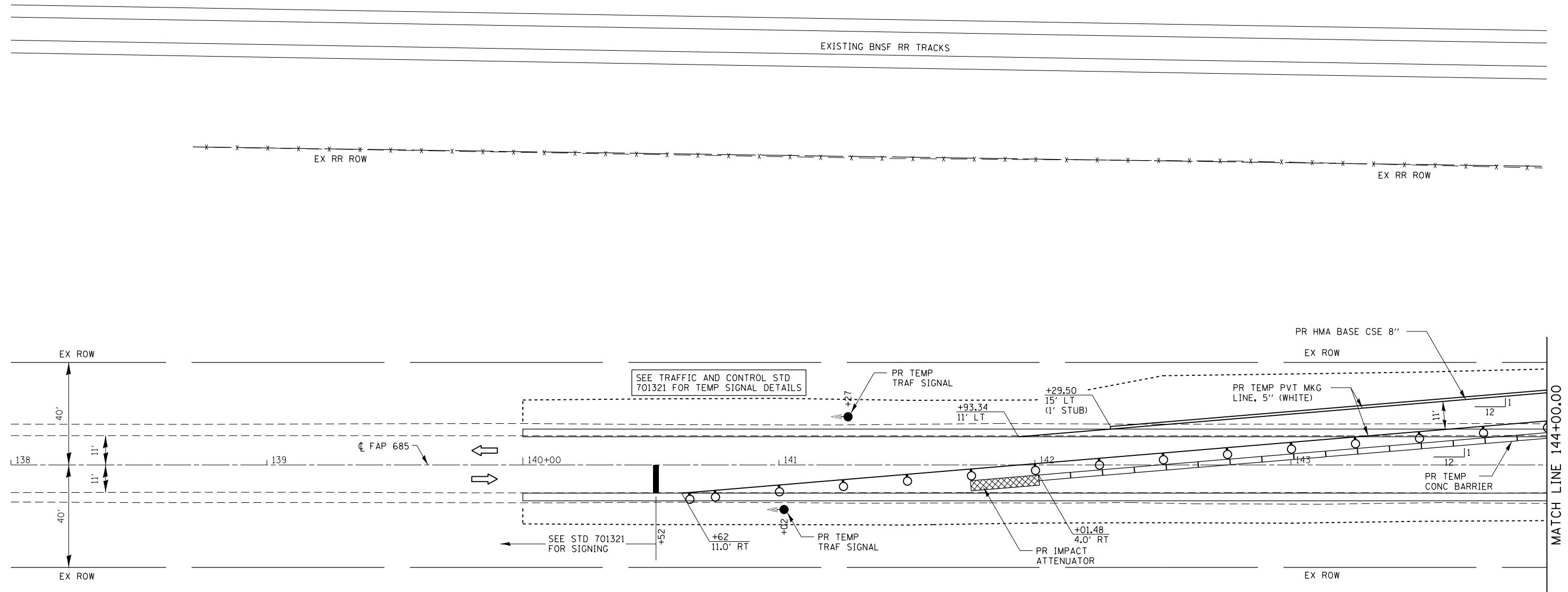
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 996 OVER DRAINAGE DITCH
 TRAFFIC CONTROL & PROTECTION - STAGE 1**

SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. 150+00.00 TO STA. 156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	17
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				






STAGE 2 CONSTRUCTION SEQUENCE

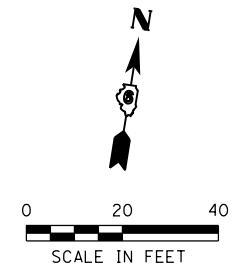
1. REMOVE EXISTING BRIDGE, CONSTRUCT REMAINDER OF PROPOSED BOX CULVERT, PERFORM TREE REMOVAL AND CLEARING.
2. CONSTRUCT HMA BINDER COURSES OVER BOX CULVERT.
3. REMOVE TRAFFIC CONTROL & PROTECTION STANDARD 701321.
4. SWITCH TRAFFIC TO STAGE 3.

GENERAL NOTES

1. FOR ALL ENTRANCES THAT WILL NOT BE REMOVED WITH THESE PLANS, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL P.E.'S AT ALL TIMES. SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
2. ACCESS MUST BE PROVIDED TO ALL F.E.'S AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
3. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701321 AND AS DIRECTED BY THE ENGINEER.
4. VERTICAL PANELS, DRUMS WITH STEADY BURNING LIGHTS, TYPE III BARRICADES, SIGNS, MICROWAVE DETECTOR SYSTEMS, DETECTOR LOOPS, AND TYPE C BI-DIRECTIONAL REFLECTORS, SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR "TRAFFIC CONTROL AND PROTECTION STANDARD 701321." TEMPORARY PAVEMENT MARKING AND TRAFFIC SIGNALS WILL BE PAID FOR SEPARATELY.
5. THE CONTRACTOR SHALL PROVIDE AND ERECT LANE WIDTH RESTRICTION SIGNING. THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER BEFORE IMPLEMENTING ANY STAGE 1 TRAFFIC CONTROL.
6. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 785-5836 AT LEAST 21 DAYS PRIOR TO IMPLEMENTING STAGE 1 TRAFFIC CONTROL AND WHEN SWITCH IN STAGING IS MADE.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 524-9161 AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS, PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISIONS FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.

LEGEND

-  - PAVEMENT REMOVAL
-  - STRUCTURE REMOVAL
-  - NATURAL AREA



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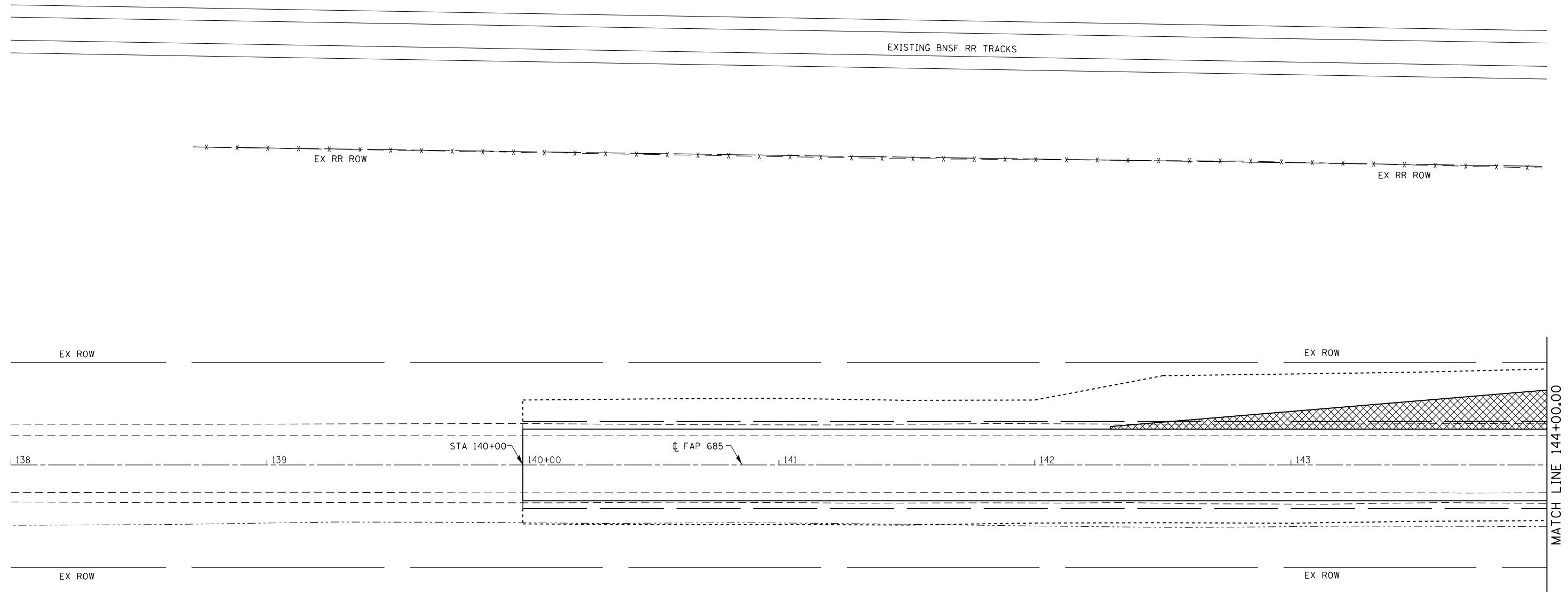
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 996 OVER DRAINAGE DITCH
TRAFFIC CONTROL & PROTECTION - STAGE 2**

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 138+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	18
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



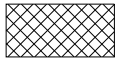

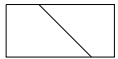
STAGE 3 CONSTRUCTION SEQUENCE

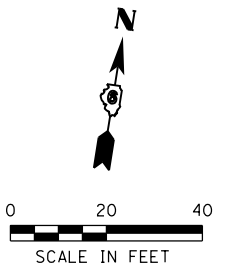
1. REMOVE HMA BASE COURSE RUNAROUND, AGGREGATE FOR TEMPORARY ACCESS, AND TEMPORARY GUARDRAIL
2. COMPLETE GRADING TO FINAL SECTIONS AND SEEDING
3. INSTALL PIPE CULVERT AND CONSTRUCT PAVEMENT PATCHES AT STATION 153+00 UTILIZING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 UTILIZING FLAGGERS AS REQUIRED.
4. CONSTRUCT AGGREGATE SHOULDERS, AGGREGATE/HMA ENTRANCES, AND ALL HMA SURFACE COURSE UP TO FINAL GRADE. PLACE FINAL STRIPING.

GENERAL NOTES

1. FOR ALL ENTRANCES THAT WILL NOT BE REMOVED WITH THESE PLANS, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL P.E.'S AT ALL TIMES. SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
2. ACCESS MUST BE PROVIDED TO ALL F.E.'S AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED AT THESE LOCATIONS.
3. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701321 AND AS DIRECTED BY THE ENGINEER.
4. VERTICAL PANELS, DRUMS WITH STEADY BURNING LIGHTS, TYPE III BARRICADES, SIGNS, MICROWAVE DETECTOR SYSTEMS, DETECTOR LOOPS, AND TYPE C BI-DIRECTIONAL REFLECTORS, SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR "TRAFFIC CONTROL AND PROTECTION STANDARD 701321." TEMPORARY PAVEMENT MARKING AND TRAFFIC SIGNALS WILL BE PAID FOR SEPARATELY.
5. THE CONTRACTOR SHALL PROVIDE AND ERECT LANE WIDTH RESTRICTION SIGNING. THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER BEFORE IMPLEMENTING ANY STAGE 1 TRAFFIC CONTROL.
6. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 785-5836 AT LEAST 21 DAYS PRIOR TO IMPLEMENTING STAGE 1 TRAFFIC CONTROL AND WHEN SWITCH IN STAGING IS MADE.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS PH: (217) 524-9161 AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISIONS FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.

LEGEND

-  - PAVEMENT REMOVAL
-  - PAVEMENT PATCHING
-  - NATURAL AREA



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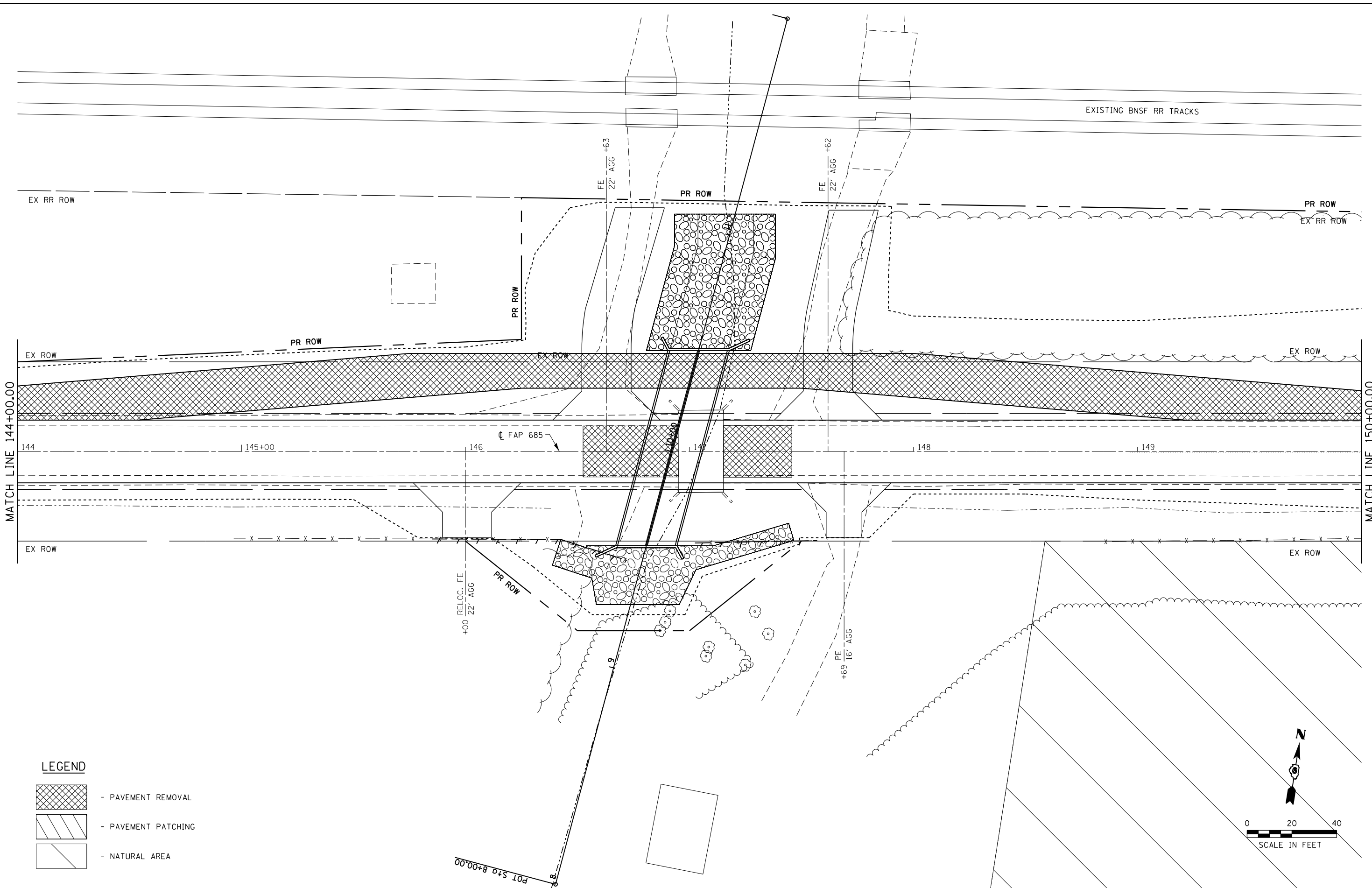
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


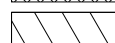
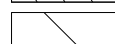
**IL 996 OVER DRAINAGE DITCH
TRAFFIC CONTROL & PROTECTION - STAGE 3**

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 138+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	21
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



LEGEND

-  - PAVEMENT REMOVAL
-  - PAVEMENT PATCHING
-  - NATURAL AREA

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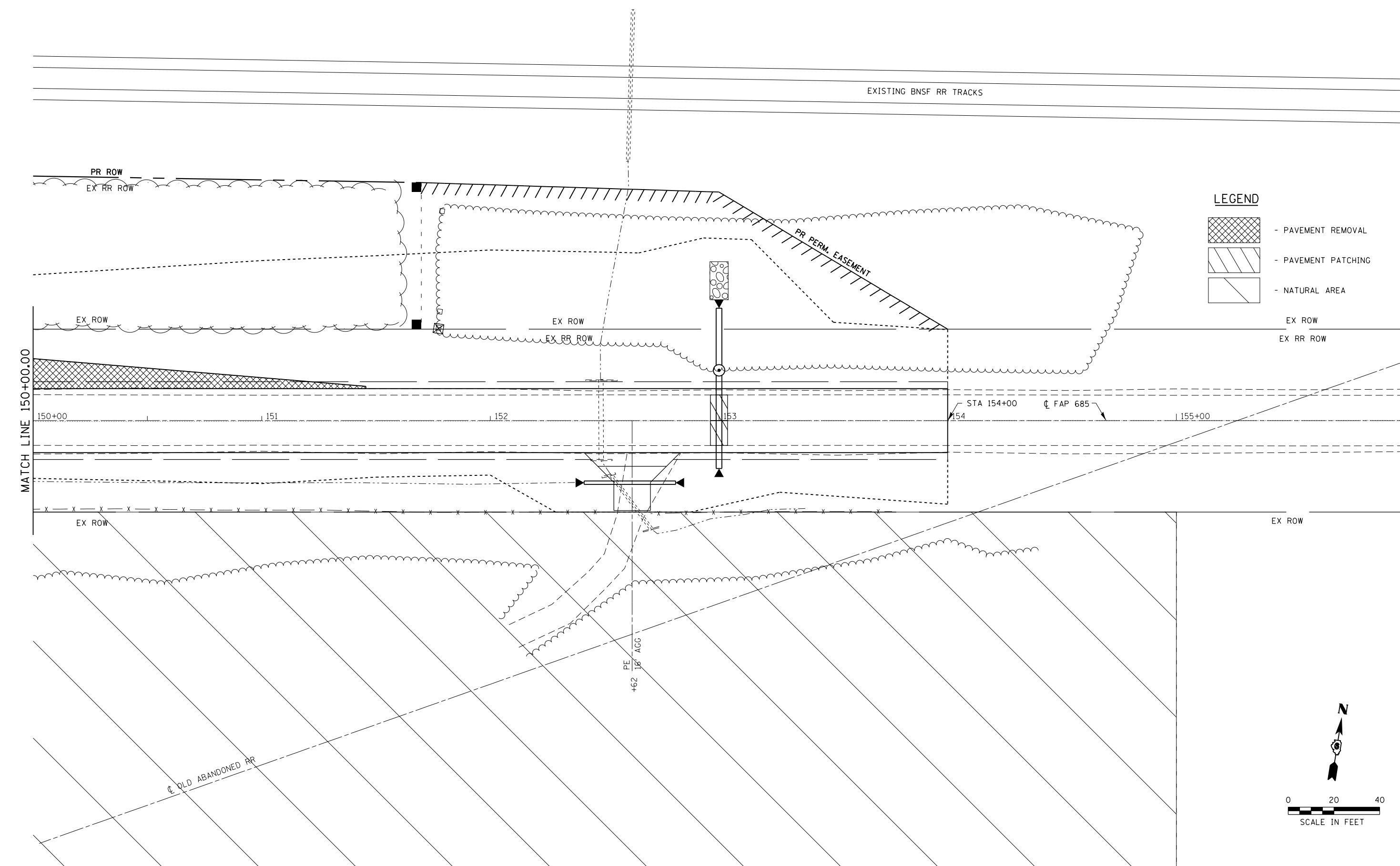


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 996 OVER DRAINAGE DITCH TRAFFIC CONTROL & PROTECTION - STAGE 3		
SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA. 144+00.00 TO STA. 150+00.00

F.A.P. RTE. = 685	SECTION = 113B-4	COUNTY = HANCOCK	TOTAL SHEETS = 57	SHEET NO. = 22
CONTRACT NO. 72B62 ILLINOIS FED. AID PROJECT				



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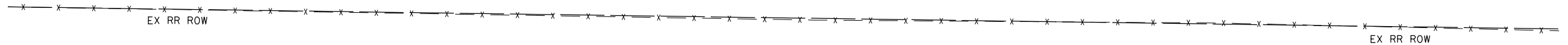
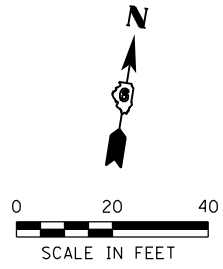
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

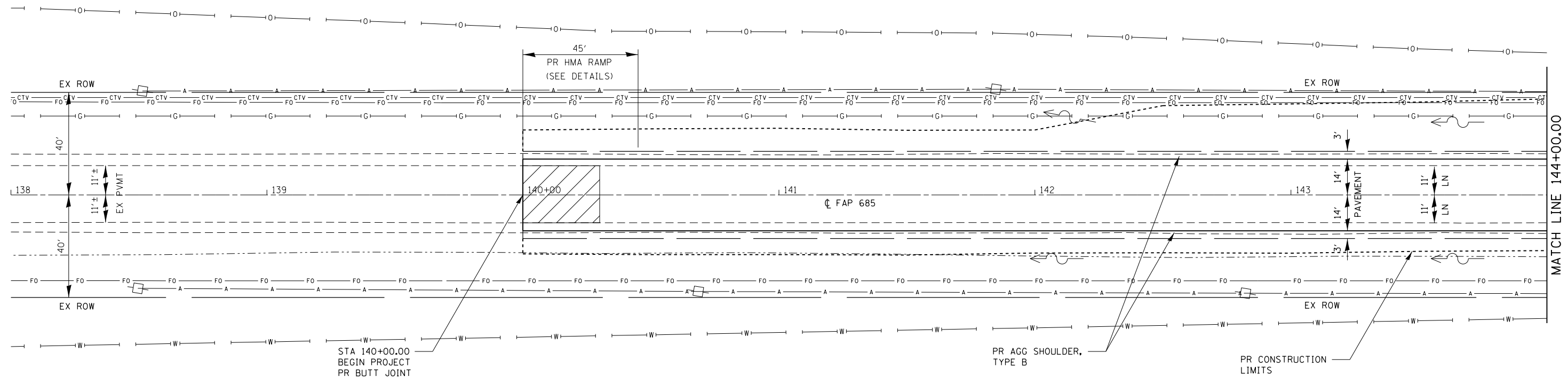
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SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS	STA. 150+00.00 TO STA. 156+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	23
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

EXISTING BNSF RR TRACKS



WILLIAM F. & MARCIA L. HUTSON
 PARCEL NO. 6288101A



MATCH LINE 144+00.00

LEGEND

- FENCE REMOVAL
- TREE REMOVAL (UNIT)
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT

WILLIAM F. & MARCIA L. HUTSON
 PARCEL NO. 6288101B

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN - IL 996 OVER DRAINAGE DITCH

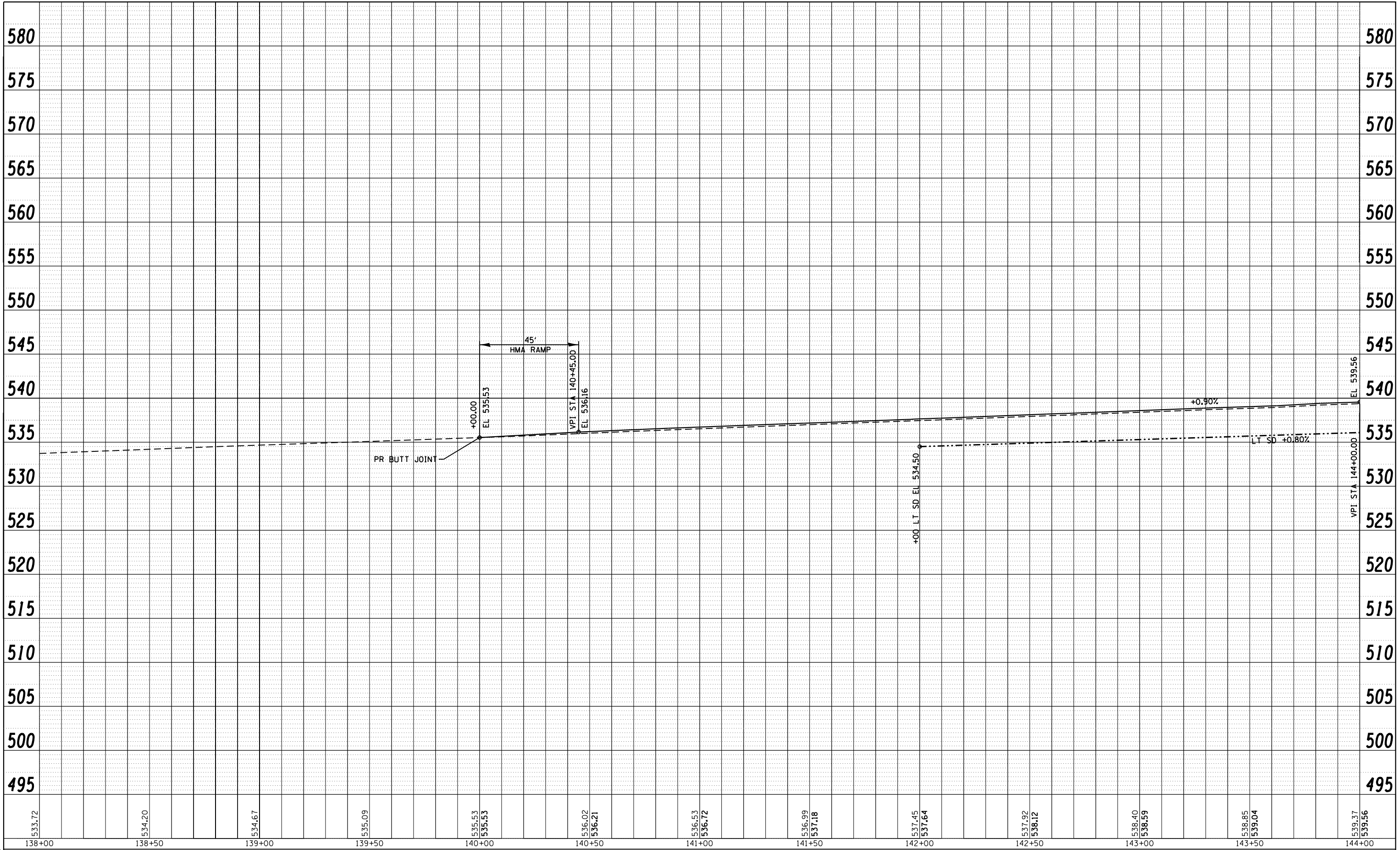
SCALE: 1"=20' SHEET NO. 1 OF 6 SHEETS STA. 138+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	24
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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

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

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DRAWN - CMM
CHECKED - MTM
DATE - 12/12

REVISED -
REVISED -
REVISED -
REVISED -

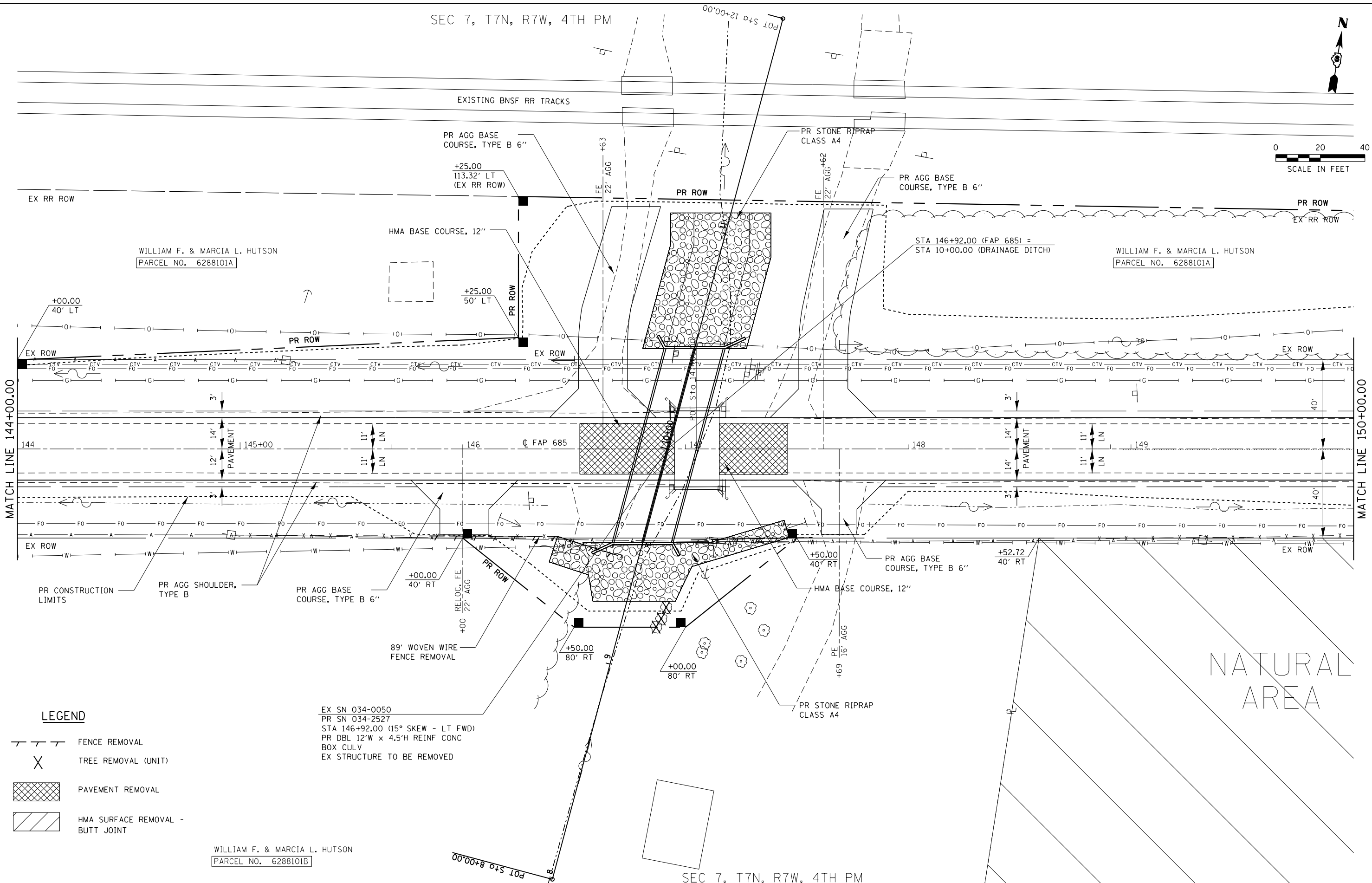
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE - IL 996 OVER DRAINAGE DITCH

SCALE: 1"=20', 1"=5' SHEET NO. 2 OF 6 SHEETS STA. 142+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	25
CONTRACT NO. 72B62				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 7, T7N, R7W, 4TH PM



MATCH LINE 144+00.00

MATCH LINE 150+00.00

LEGEND

- FENCE REMOVAL
- TREE REMOVAL (UNIT)
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT

EX SN 034-0050
 PR SN 034-2527
 STA 146+92.00 (15° SKEW - LT FWD)
 PR DBL 12'W x 4.5'H REINF CONC
 BOX CULV
 EX STRUCTURE TO BE REMOVED

WILLIAM F. & MARCIA L. HUTSON
 PARCEL NO. 6288101B

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN - IL 996 OVER DRAINAGE DITCH

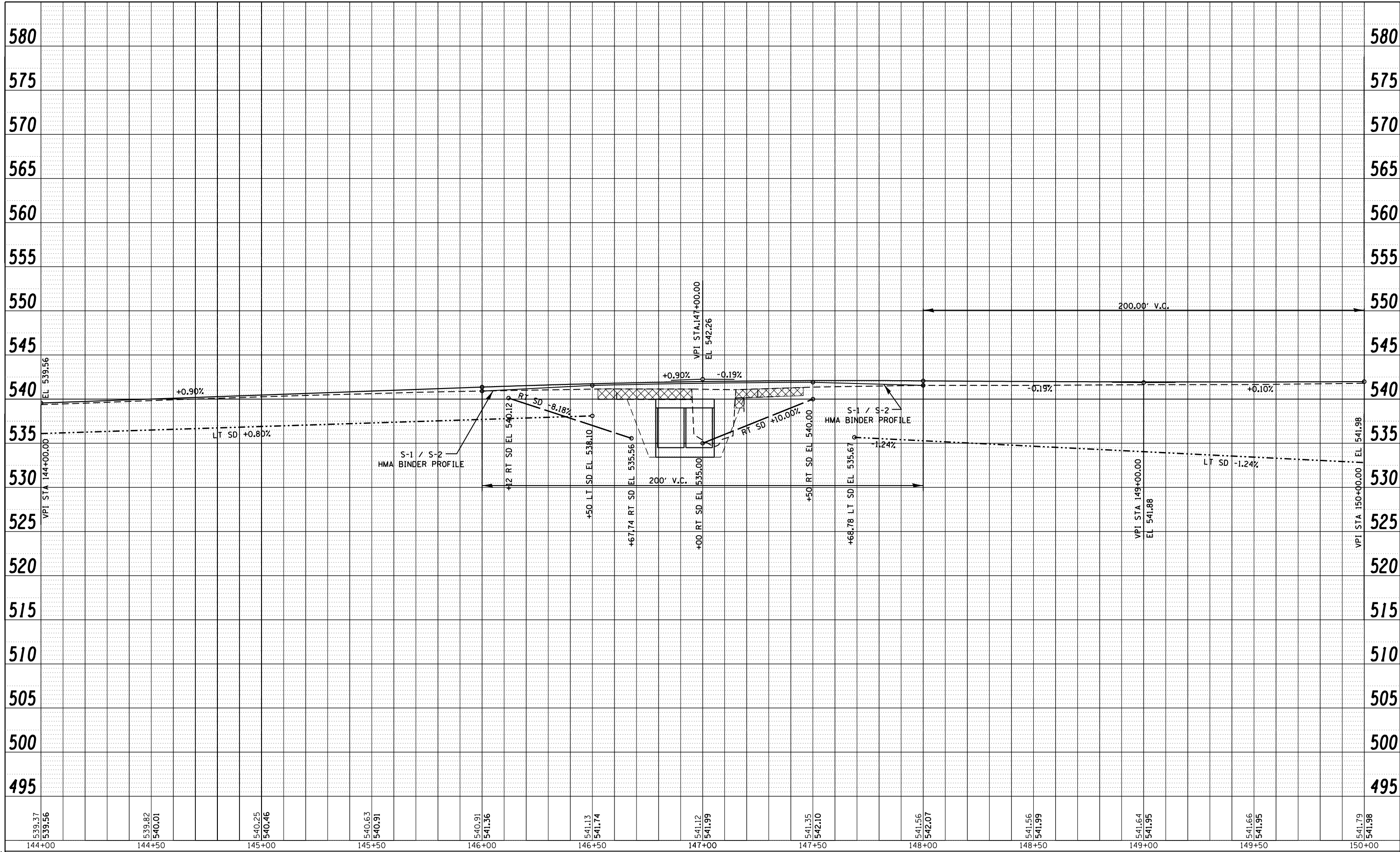
SCALE: 1"=20' SHEET NO. 3 OF 6 SHEETS STA. 144+00.00 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	26
CONTRACT NO. 72B62				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
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	CARD FILE NAME		

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	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
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DATE - 12/12

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

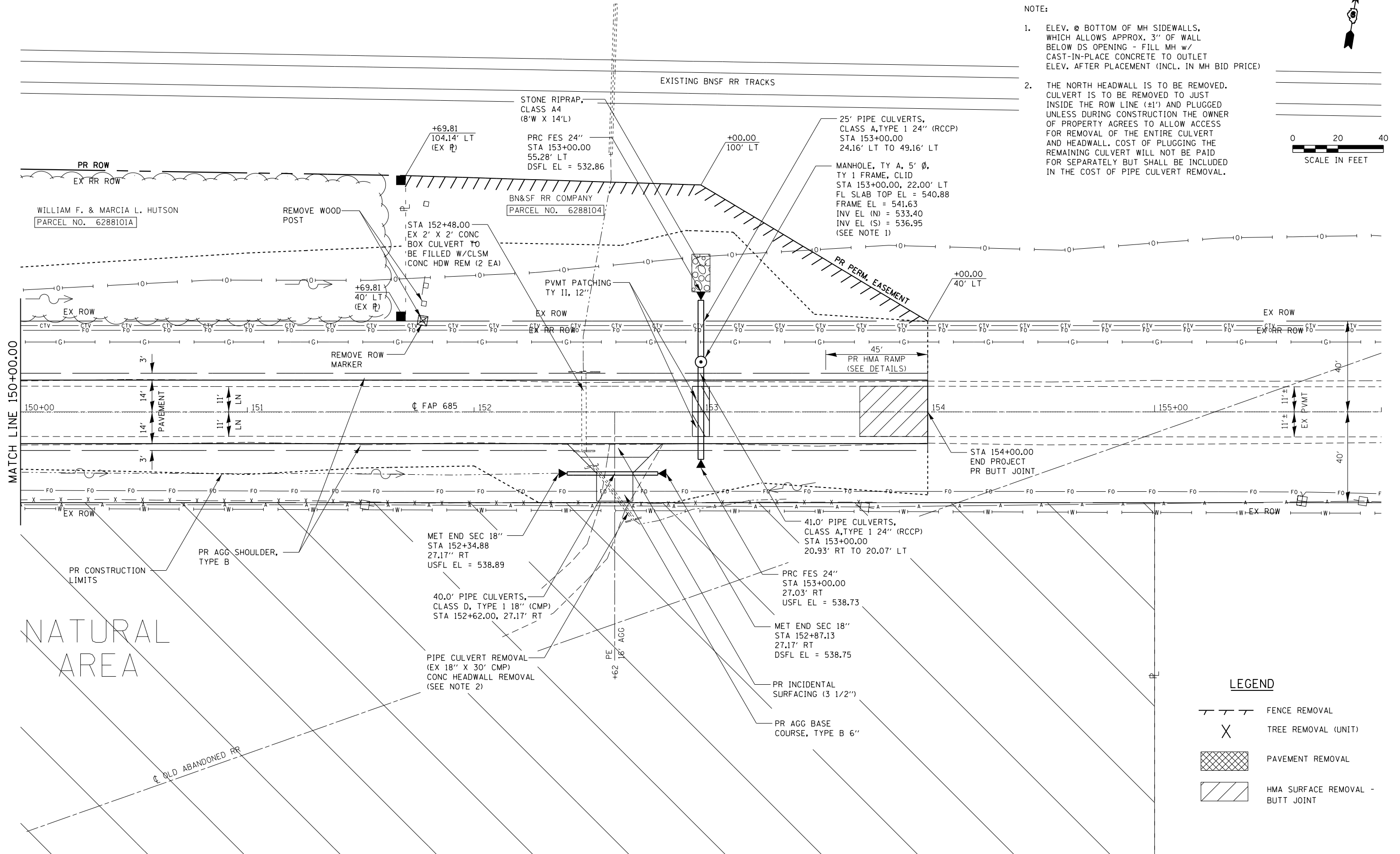
PROFILE - IL 996 OVER DRAINAGE DITCH
SCALE: 1"=20', 1"=5'
SHEET NO. 4 OF 6 SHEETS
STA. 144+00.00 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	27
CONTRACT NO. 72B62				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:

- ELEV. @ BOTTOM OF MH SIDEWALLS, WHICH ALLOWS APPROX. 3' OF WALL BELOW DS OPENING - FILL MH w/ CAST-IN-PLACE CONCRETE TO OUTLET ELEV. AFTER PLACEMENT (INCL. IN MH BID PRICE)
- THE NORTH HEADWALL IS TO BE REMOVED. CULVERT IS TO BE REMOVED TO JUST INSIDE THE ROW LINE (±1') AND PLUGGED UNLESS DURING CONSTRUCTION THE OWNER OF PROPERTY AGREES TO ALLOW ACCESS FOR REMOVAL OF THE ENTIRE CULVERT AND HEADWALL. COST OF PLUGGING THE REMAINING CULVERT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.



LEGEND

- FENCE REMOVAL
- TREE REMOVAL (UNIT)
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

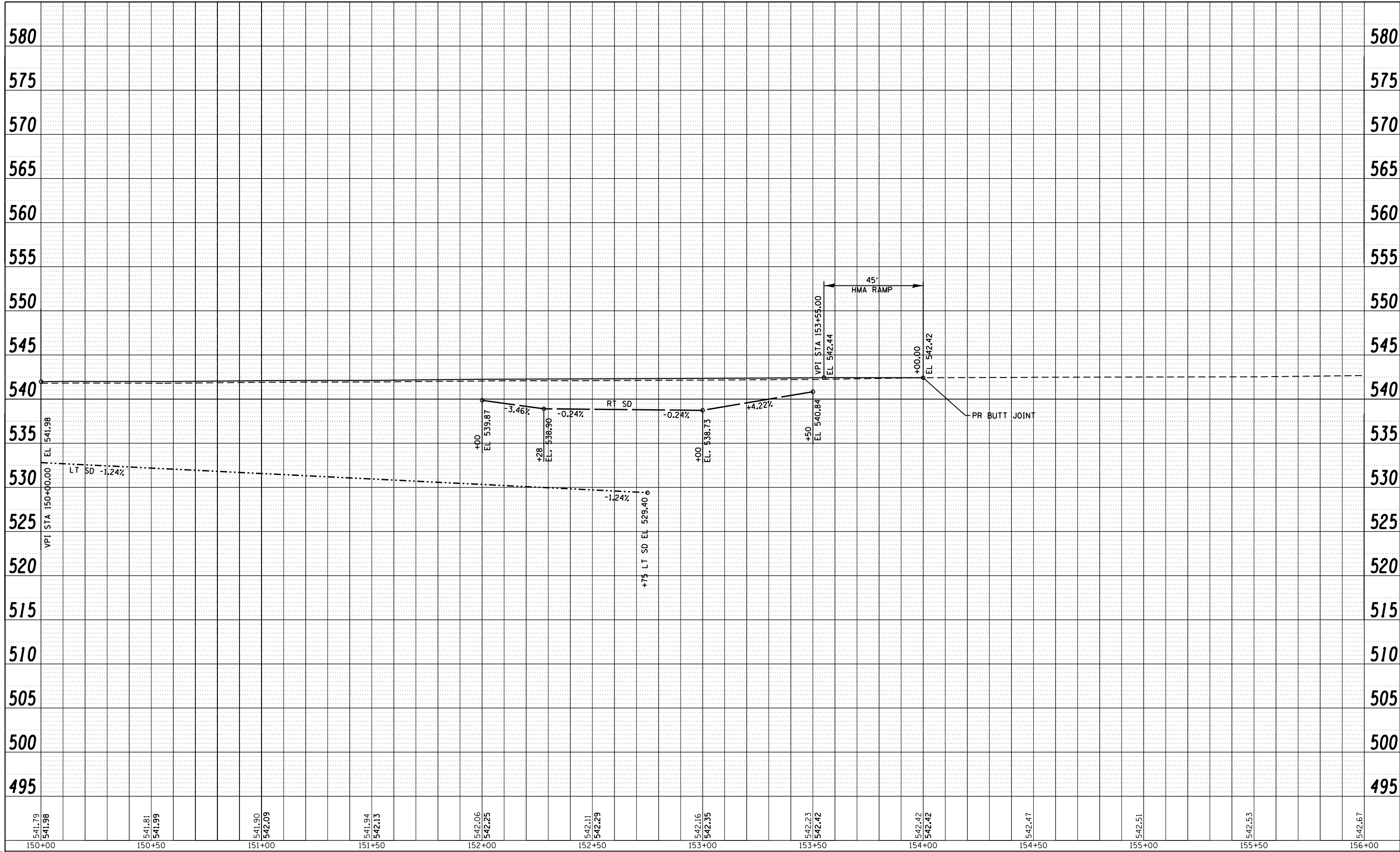
PLAN - IL 996 OVER DRAINAGE DITCH

SCALE: 1"=20' SHEET NO. 5 OF 6 SHEETS STA. 150+00.00 TO STA. 156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	28
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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	ALIGNMENT CHECKED	
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	STRUCTURE NOTATIONS CHECKED	
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DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE - IL 996 OVER DRAINAGE DITCH

SCALE: 1"=20', 1"=5' SHEET NO. 6 OF 6 SHEETS STA. 150+00.00 TO STA. 153+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	29
CONTRACT NO. 72B62				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 685 Marked: IL RTE 9/96
 Section: 113B-4 Project No.:
 County: HANCOCK Contract No.: 72862
 Starting Station: 142+00.00 (Longitude: 40°37' 21.56"N Latitude: 91°14' 50.40"W)
 Ending Station: 154+00.00 (Longitude: 40°37' 23.92"N Latitude: 91°14' 32.51"W)

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Roger L. Dziaskell
 (Signature)

Dec. 18, 2012
 (Date)

Region Four Engineer
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project includes the removal of the existing structure (SN 034-0050) and the replacement with a double barrel 12' x 4.5' reinforced concrete box culvert (SN 034-2427) on a 15 degree skew.
2. Construction consists of grading, constructing new box culvert, HMA pavement, widening, HMA resurfacing, placing aggregate shoulders, and all other necessary work to complete the proposed improvements.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

Soil will be disturbed for the entire length of the project within the existing and proposed right-of-way.

1. Removal of the existing bridge and construction of the roadways and entrances.
2. Construction of the double barrel box culvert to carry existing drainage ditch under proposed Illinois Route 9/96, including staged construction and diversion necessary to maintain flow through the construction area.
3. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
4. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
5. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 2.3 acres in which 1.7 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. After construction activities are completed, the weighted average of the runoff coefficient for this project will be 0.5.
2. The soil found in the project site includes Worthen silt loam, which is a well drained soil, and is present in slopes of 0 to 2 percent.
3. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent off site sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

Drainage Tributaries Receiving Water from this Construction Site:

Unnamed Drainage Ditch; Mississippi River

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 685	SECTION 113B-4	COUNTY HANCOCK	TOTAL SHEETS 57	SHEET NO. 30
CONTRACT NO. 72862				
ILLINOIS FED. AID PROJECT				

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion and Sediment Control".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) Qualified Personnel shall inspect the project at least every seven days and within 24 hours of the end of a storm that is 0.5 inch or greater as noted in BDE 2342.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control pay items. No additional additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b, shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	31
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: _____ Marked: _____

Section: _____ Project No.: _____

County: _____ Contract No.: _____

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

Signature _____ Date _____

Title _____

Name of Firm _____

Contractor

Street Address _____

Subcontractor

City, State, Zip _____

Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

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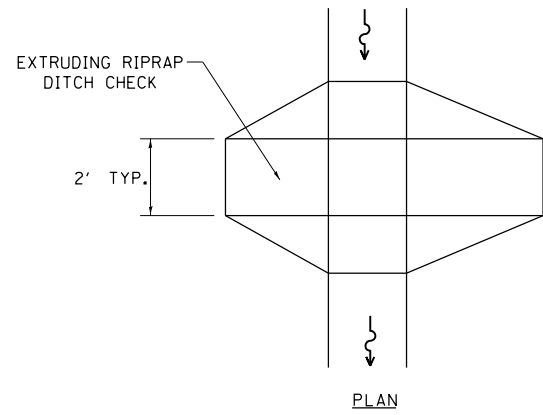
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

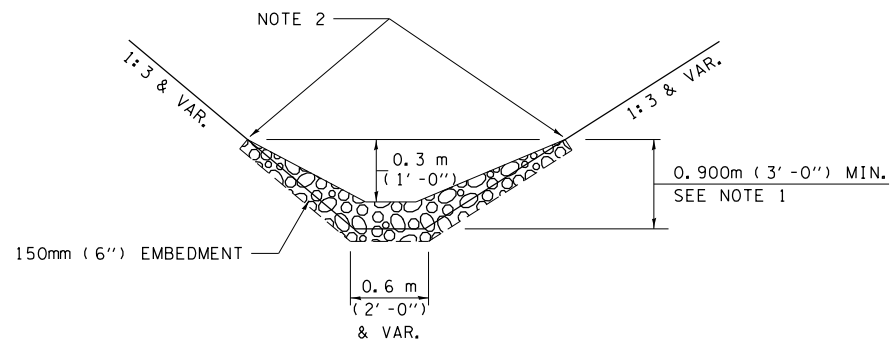
STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	32
				CONTRACT NO. 72B62
ILLINOIS FED. AID PROJECT				



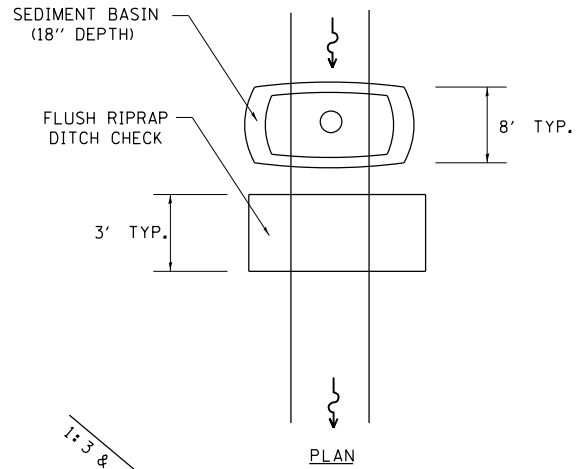
PLAN



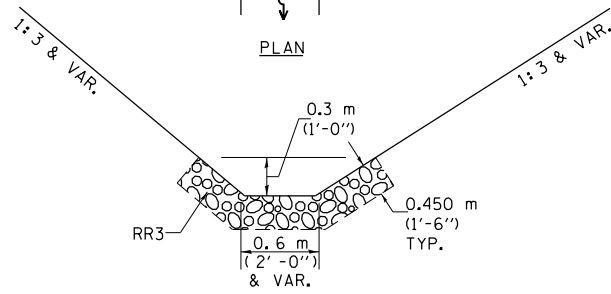
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

OPTIONS 1 & 2 OR
AS DIRECTED BY THE ENGINEER

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

ITEM	SYMBOL
AGGREGATE DITCH CHECKS	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS	
EARTH EXCAVATION FOR EROSION CONTROL AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

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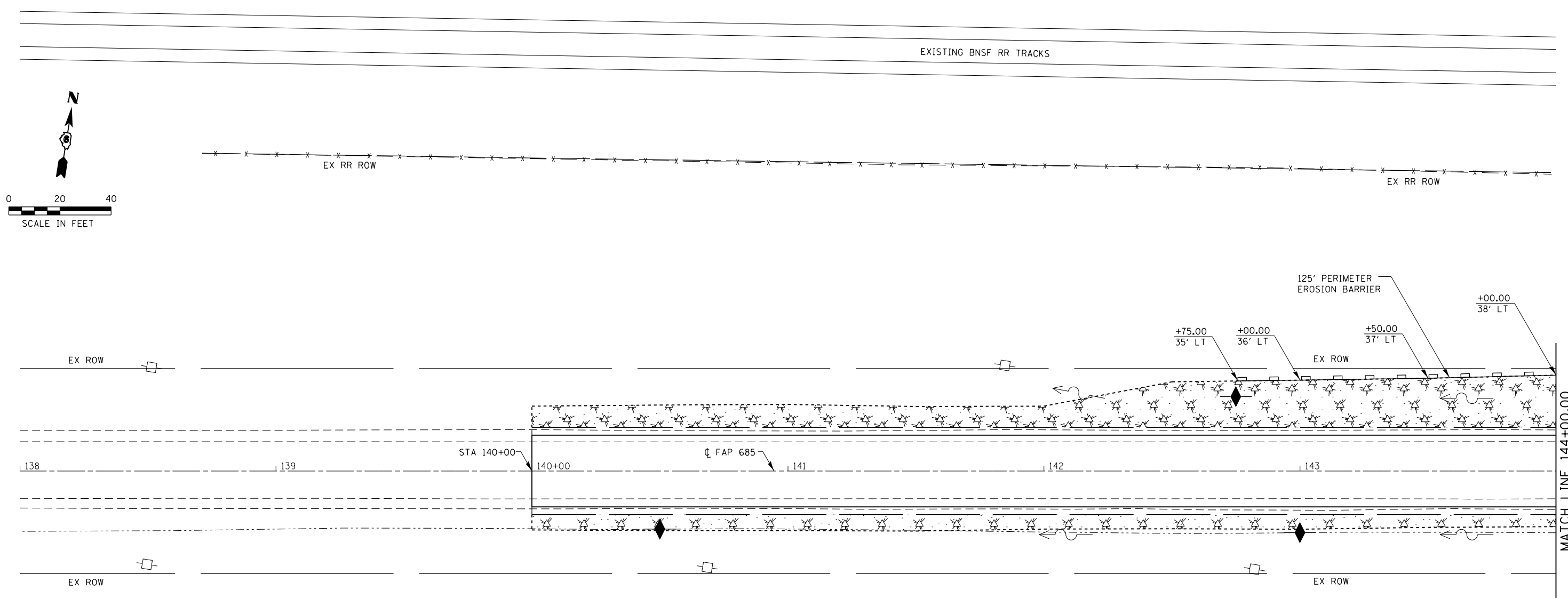
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


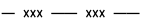




STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. 138+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	33
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  SEEDING, CLASS 2 & MULCH, METHOD 2
-  AGGREGATE DITCH CHECK
-  INLET AND PIPE PROTECTION
-  SEDIMENT BASIN

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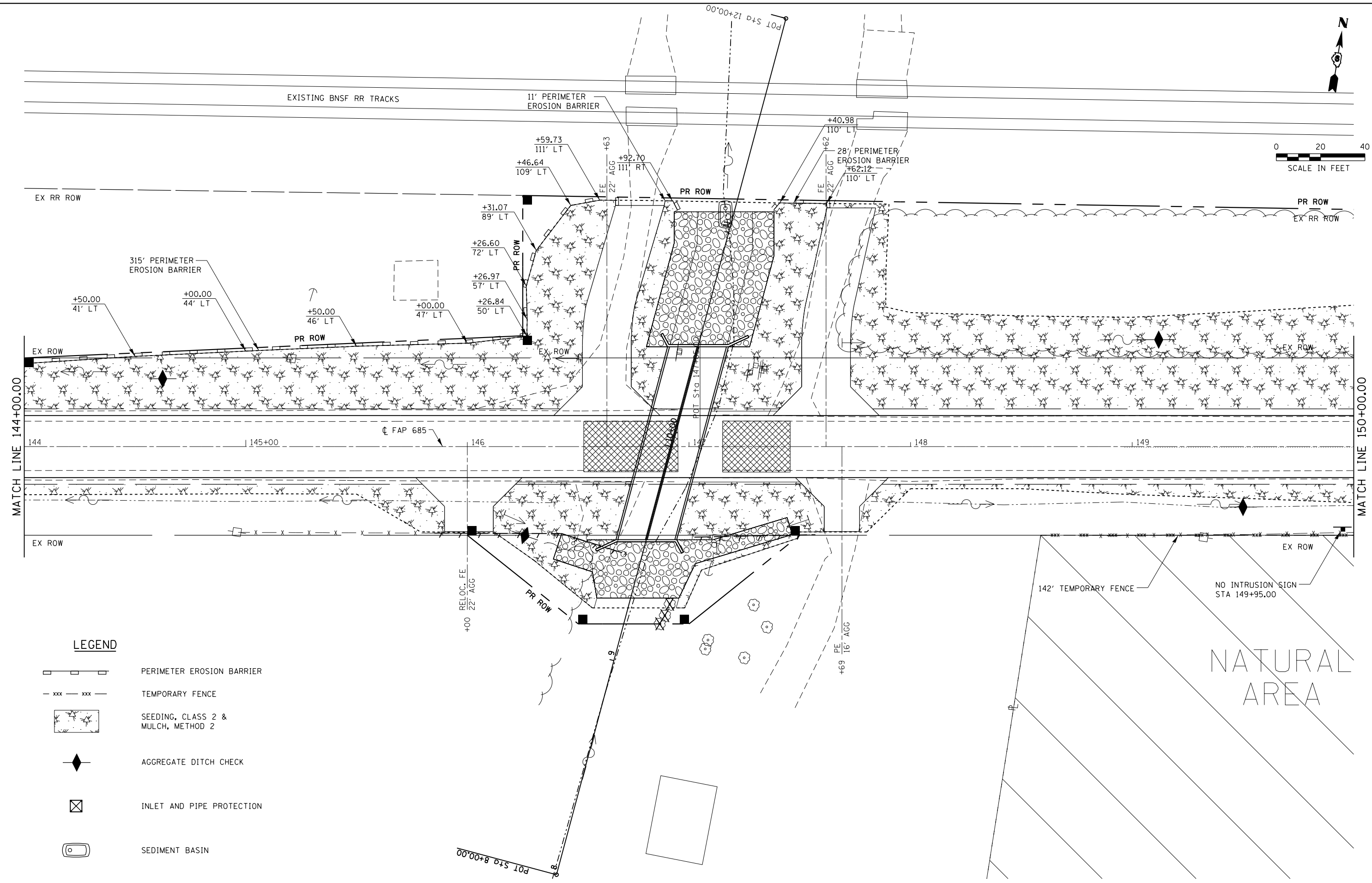
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


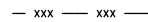
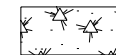



EROSION CONTROL PLAN - IL 996 OVER DRAINAGE DITCH

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 138+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	34
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  SEEDING, CLASS 2 & MULCH, METHOD 2
-  AGGREGATE DITCH CHECK
-  INLET AND PIPE PROTECTION
-  SEDIMENT BASIN

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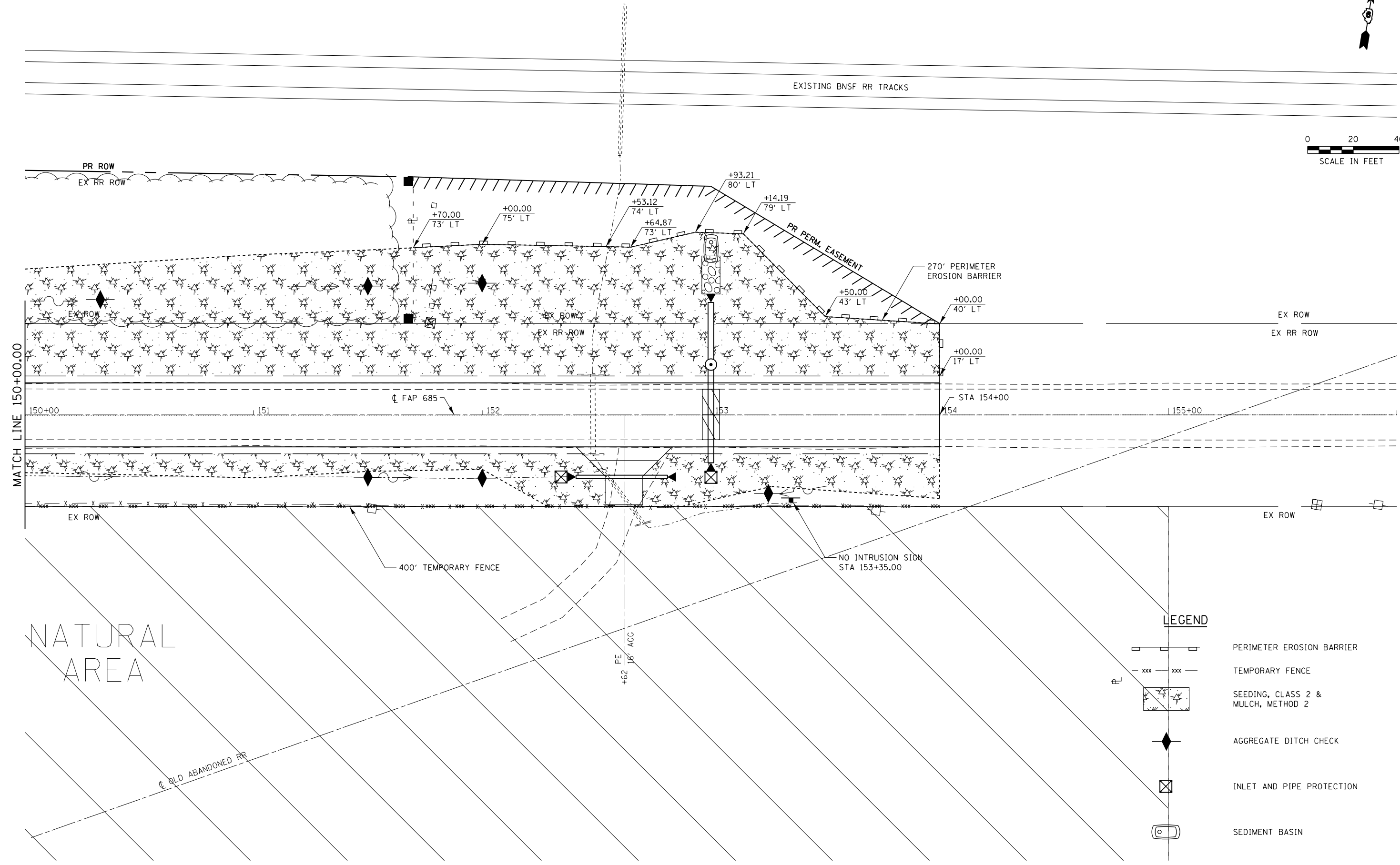
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

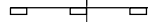

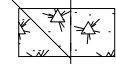



EROSION CONTROL PLAN - IL 996 OVER DRAINAGE DITCH

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 144+00.00 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	35
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  SEEDING, CLASS 2 & MULCH, METHOD 2
-  AGGREGATE DITCH CHECK
-  INLET AND PIPE PROTECTION
-  SEDIMENT BASIN

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN - IL 996 OVER DRAINAGE DITCH

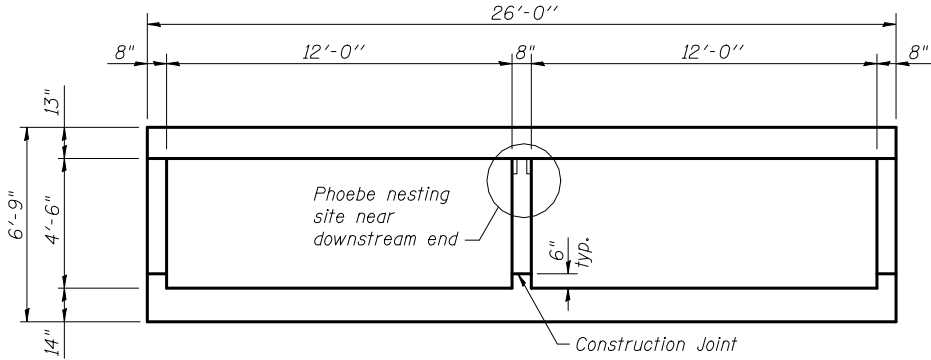
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	36
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTE:

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.



SECTION THRU BARREL

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	D.S. Invert	U.S. Invert
	530.88	531.72

WATERWAY INFORMATION

		Exist. Low Grade Elev. 541.10 ft. @ Sta. 147+05.05		Prop. Low Grade Elev. 541.10 ft. @ Sta. 147+05.05		
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.
			Exist. Prop.		Exist. Prop.	Exist. Prop.
Design	10	390	60 70	537.77	1.4 1.4	539.19 539.21
Base	50	650	70 90	538.54	4.4 1.9	542.93 540.41
Max. Calc.	100	770	80 90	538.79	4.5 1.7	543.28 540.50
	500	1,080	80 108	540.42	3.7 1.5	544.13 541.87

INDEX OF SHEETS

- Sheet 1 - General Plan
- Sheet 2 - General Notes, Section, and Total Bill of Materials
- Sheet 3 - Construction Staging Details
- Sheet 4 - Culvert Details
- Sheet 5 - Culvert Details and Bill of Materials
- Sheet 6 - Bar Splicer Assembly and Mechanical Splicer Details
- Sheet 7 - Temporary Concrete Barrier for Stage Construction
- Sheet 8 - Temporary Soil Retention System Details
- Sheet 9 - Soil Borings

TOTAL BILL OF MATERIALS

Item	Unit	Total
Granular Culvert Backfill	Cu. Yd.	207
Stone RipRap, Class A5	Sq. Yd.	486
Filter Fabric	Sq. Yd.	486
Removal of Existing Structures	Each	1
Reinforcement Bars	Pound	52,440
Bar Splicers	Each	119
Concrete Box Culverts	Cu. Yd.	249
Temporary Soil Retention System	Sq. Ft.	253
Name Plates	Each	1

NAME PLATE

STATION 146+92.00
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. ROUTE 685
SECTION 113 (B-4)
LOADING HL93
STR. NO. 034-2527

See Std. 515001



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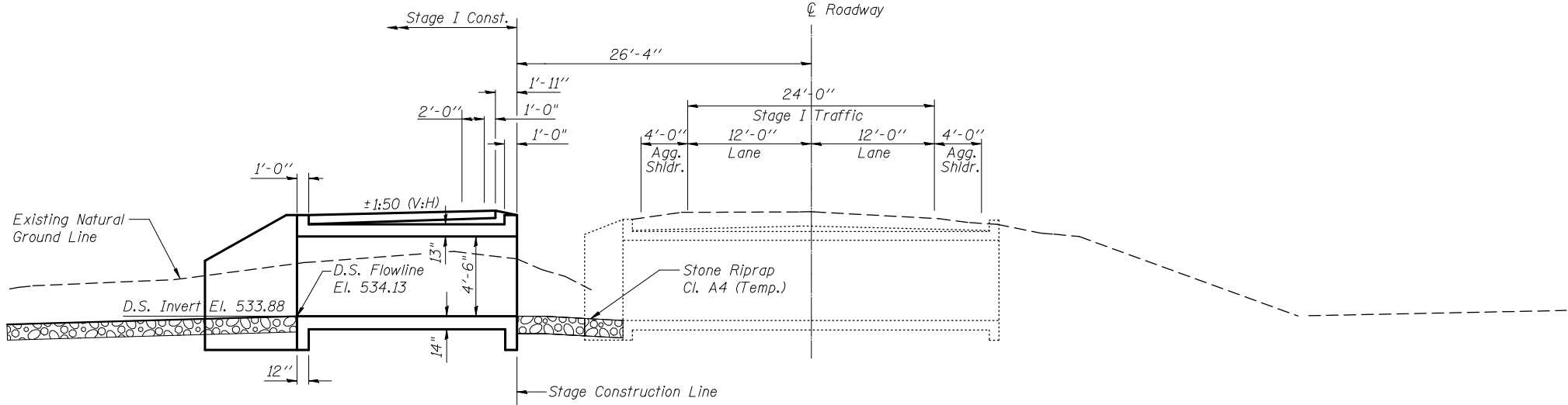
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, SECTION, AND BILL OF MATERIALS
STRUCTURE NO. 034-2527

SCALE: NTS SHEET 2 OF 9 SHEETS STA. 146+92.00

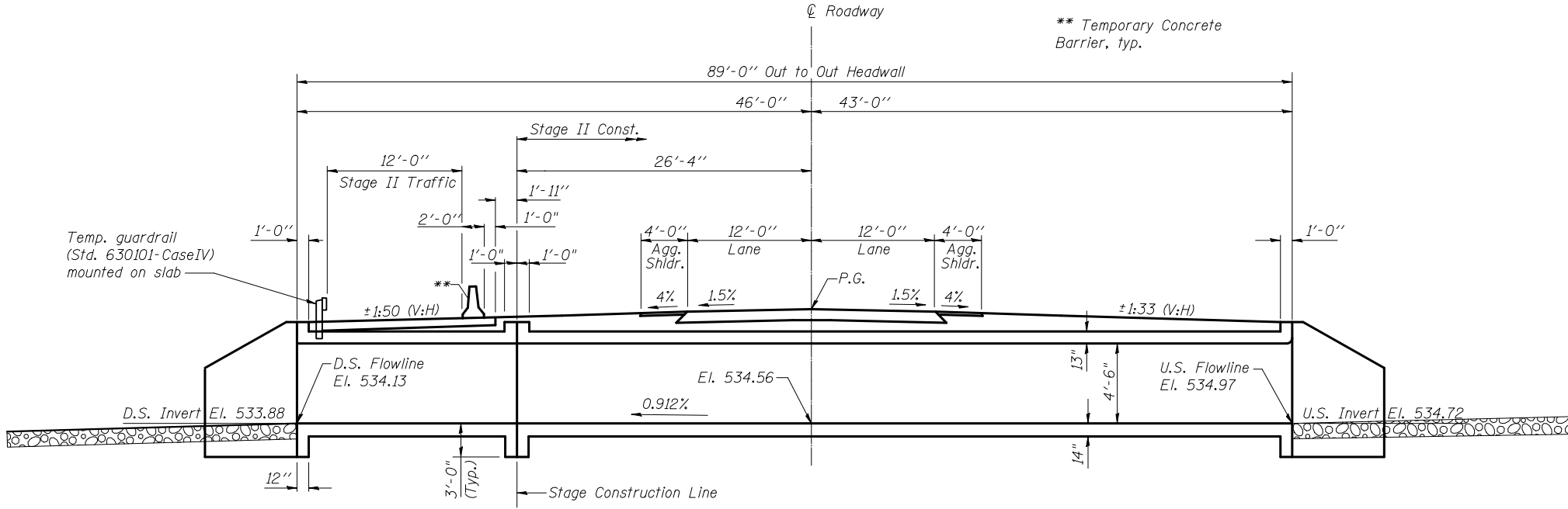
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	38
CONTRACT NO. 72B62			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



STAGE I TRAFFIC AND CONSTRUCTION

(Looking Eastbound)
Dimensions are at right angles to CL roadway



STAGE II TRAFFIC AND CONSTRUCTION

(Looking Eastbound)
Dimensions are at right angles to CL roadway



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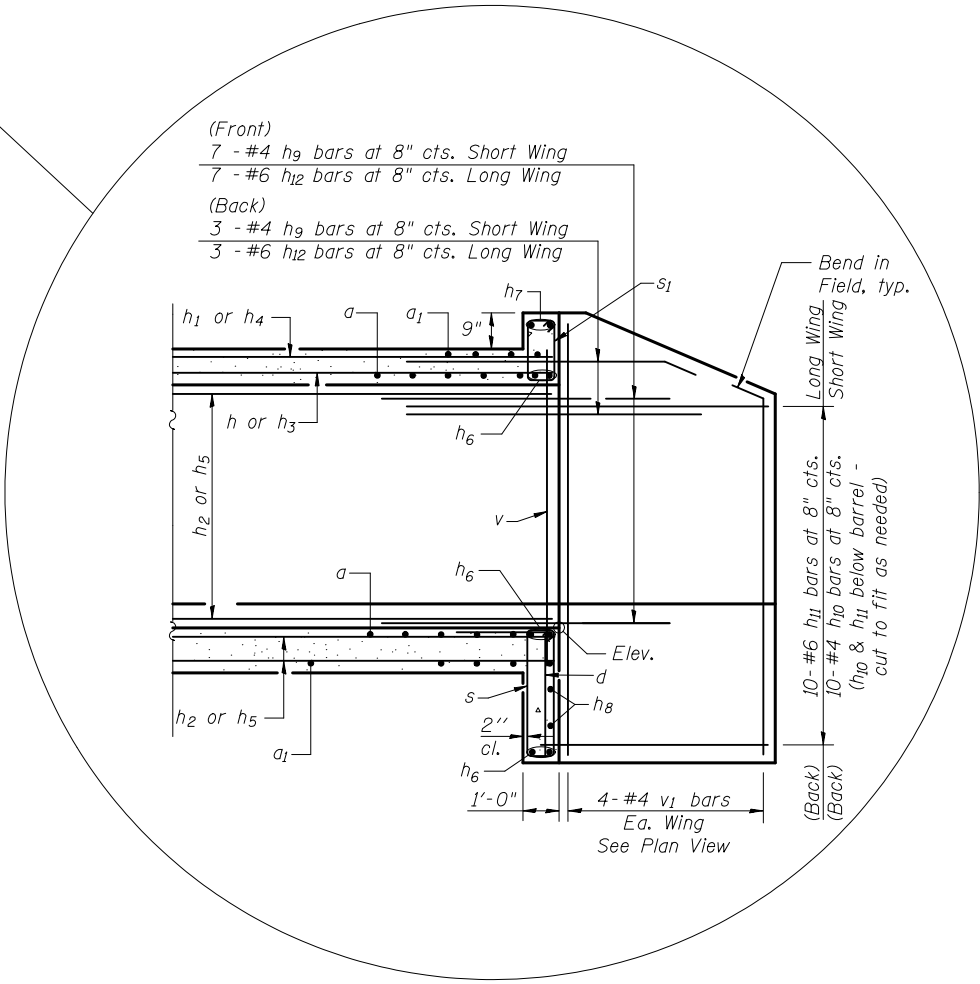
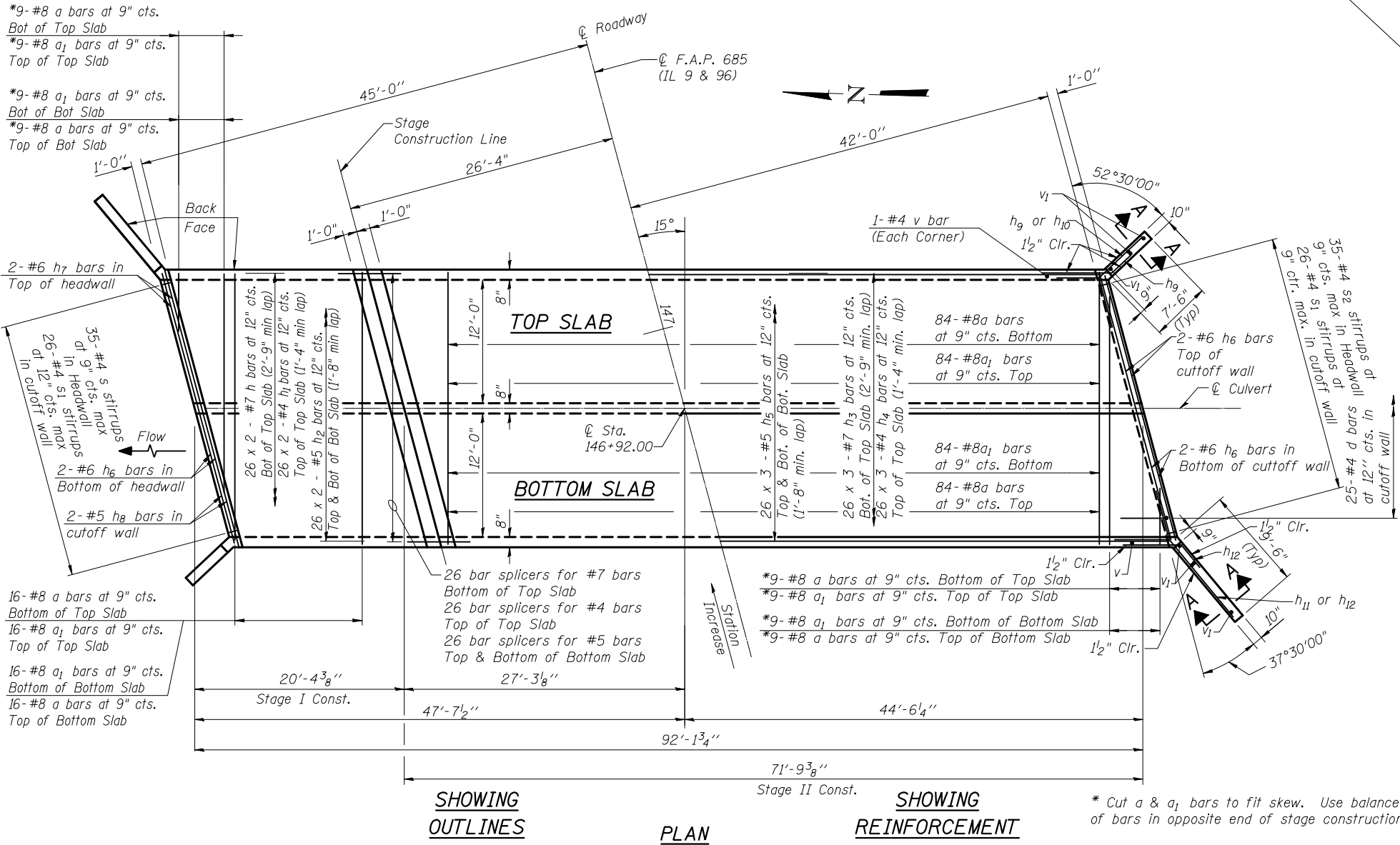
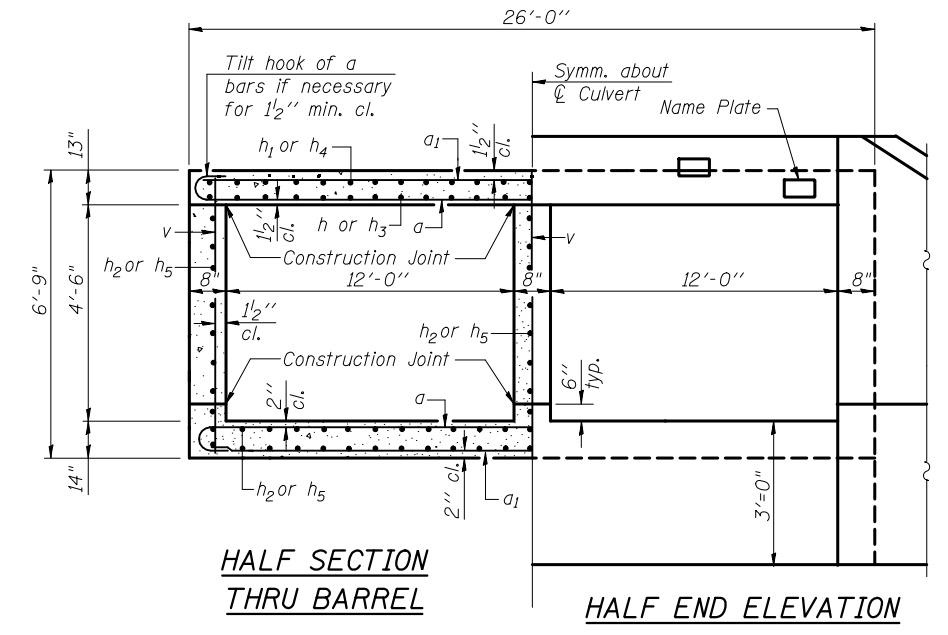
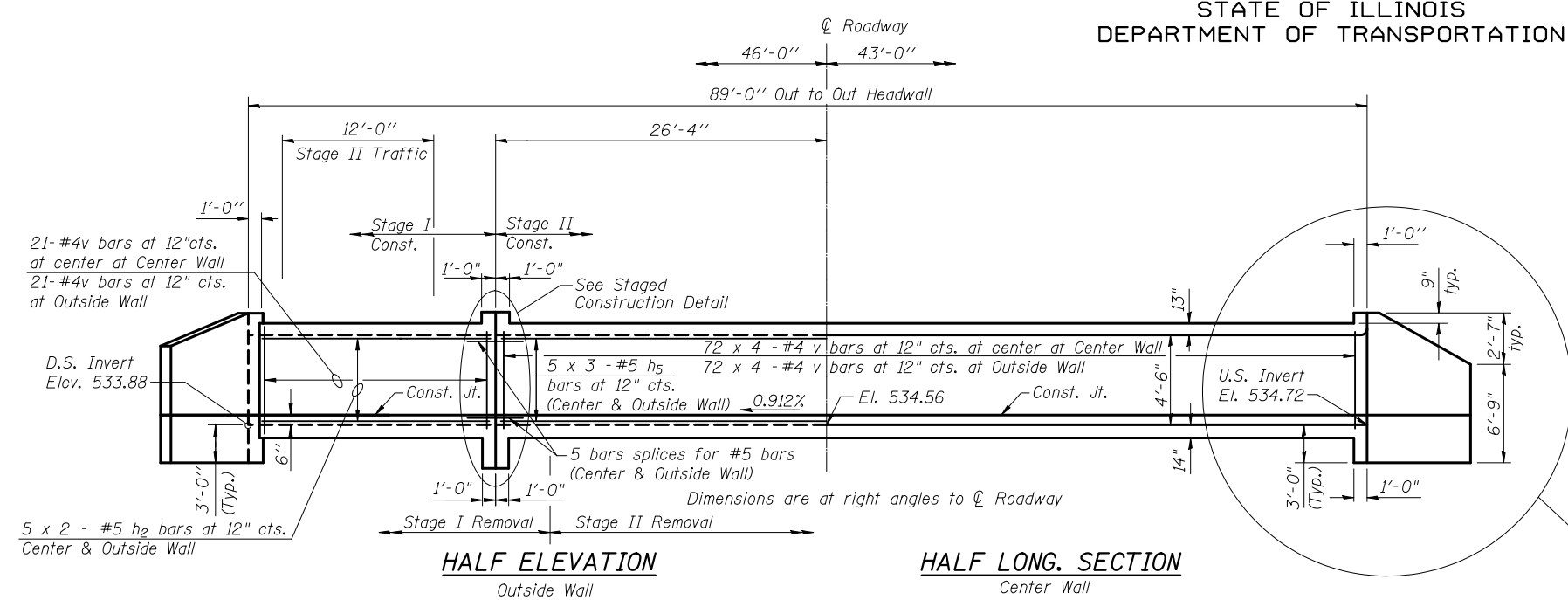
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION STAGING DETAILS
STRUCTURE NO. 034-2527

SCALE: NTS SHEET 3 OF 9 SHEETS STA. 146+92.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	39
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



* Cut a & a1 bars to fit skew. Use balance of bars in opposite end of stage construction



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	DATE 02-04-2013	REVISED -

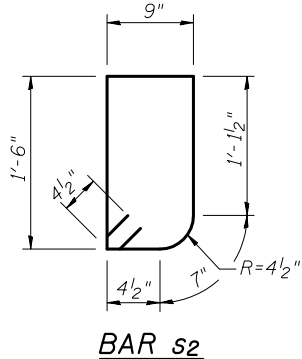
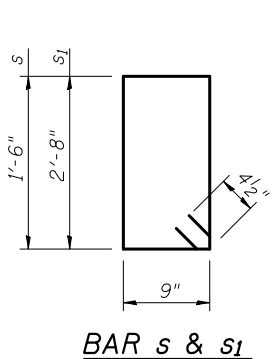
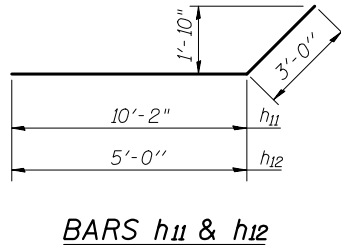
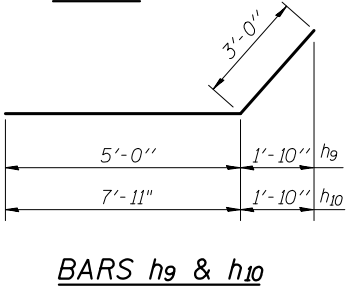
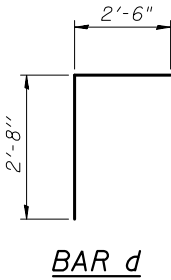
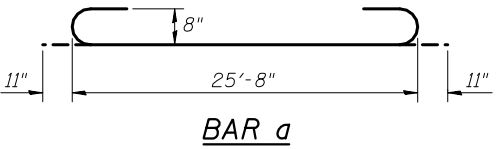
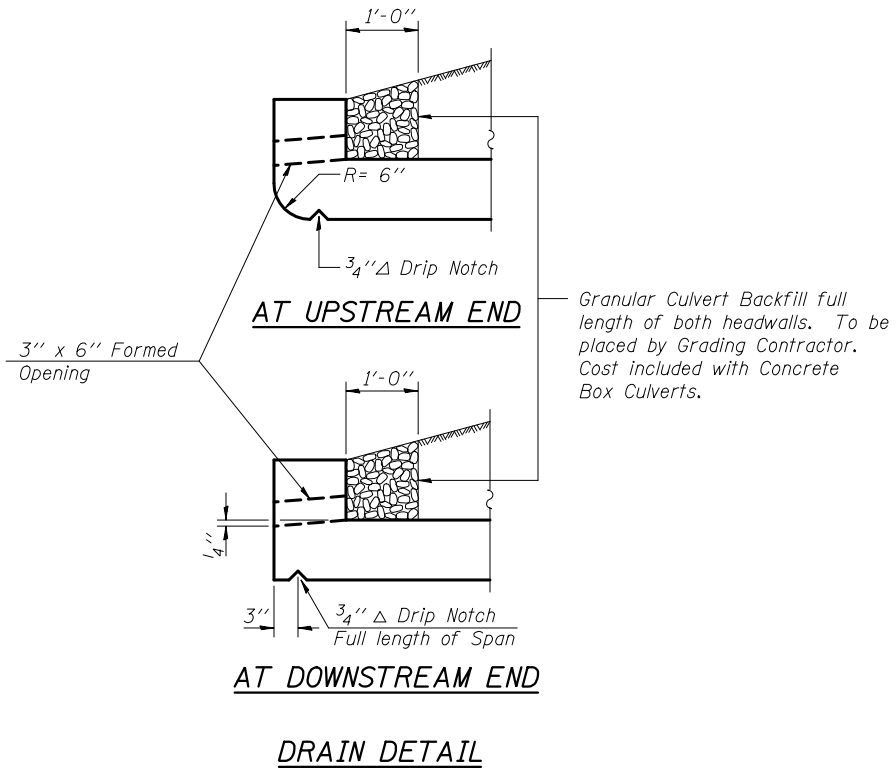
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NTS		SHEET 4 OF 9 SHEETS		STA. 146+92.00	
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CULVERT DETAILS
STRUCTURE NO. 034-2527

F.A.P. RTE. 685	SECTION 113 (B-4)	COUNTY HANCOCK	TOTAL SHEETS 62	SHEET NO. 40
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

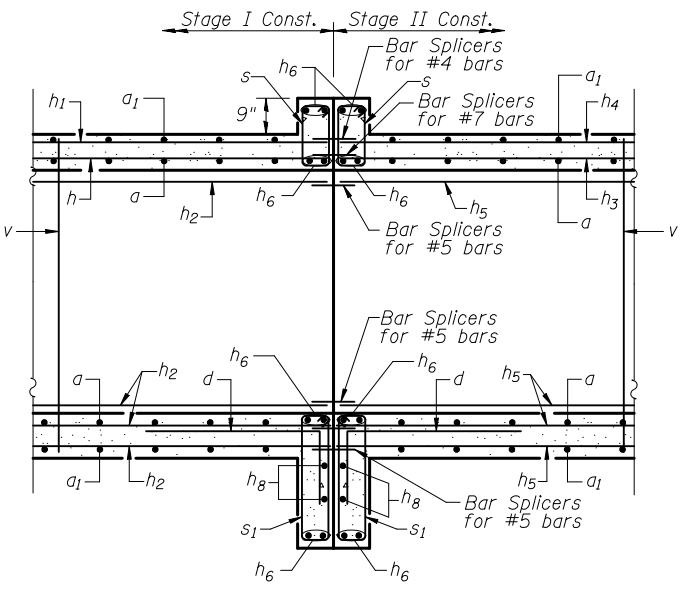
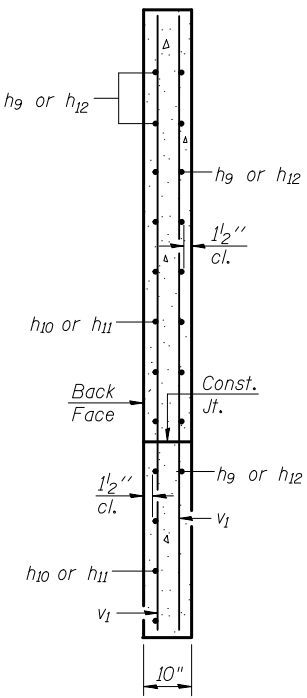
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BILL OF MATERIALS

Bar	No.	Size	Length	Shape
a	236	#8	27'-6"	
a1	236	#8	25'-8"	
d	100	#4	5'-2"	
h	52	#7	11'-7"	
h1	52	#4	10'-11"	
h2	134	#5	11'-1"	
h3	78	#7	26'-0"	
h4	78	#4	25'-0"	
h5	201	#5	25'-3"	
h6	28	#6	26'-2"	
h7	4	#6	25'-10"	
h8	8	#5	26'-2"	
h9	20	#4	8'-0"	
h10	20	#4	10'-11"	
h11	20	#6	13'-2"	
h12	20	#6	8'-0"	
v	283	#4	6'-5"	
v1	16	#4	9'-0"	
s	105	#4	5'-3"	
s1	104	#4	7'-7"	
s2	35	#4	5'-1"	
Reinforcement Bars			Pound	52,440
Concrete Box Culverts			Cu. Yd.	249

Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



USER NAME = *USER*	DESIGNED BLM	REVISED -
PLOT SCALE = *SCALE*	DRAWN TJR	REVISED -
PLOT DATE = *DATE*	CHECKED JEK	REVISED -
	DATE 02-04-2013	REVISED -

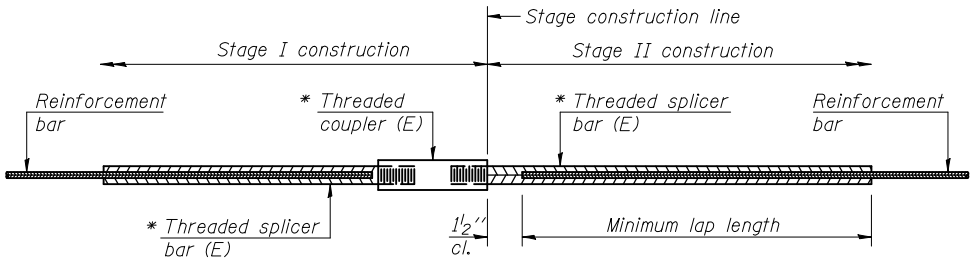
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS & BILL OF MATERIALS
STRUCTURE NO. 034-2527

SCALE: NTS SHEET 5 OF 9 SHEETS STA. 146+92.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	41
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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STANDARD BAR SPLICER ASSEMBLY

Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

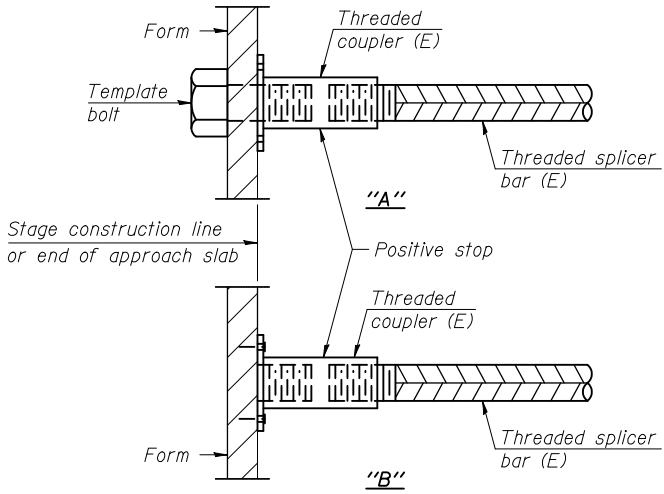
- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

BILL OF MATERIALS

Location	Bar size	No. assemblies required	Table for minimum lap length
Top Slab	#4	26	1
Bottom Slab	#5	52	1
Top Slab	#7	26	1
Walls	#5	15	2
Total Bar Splicers		119	



INSTALLATION AND SETTING METHODS

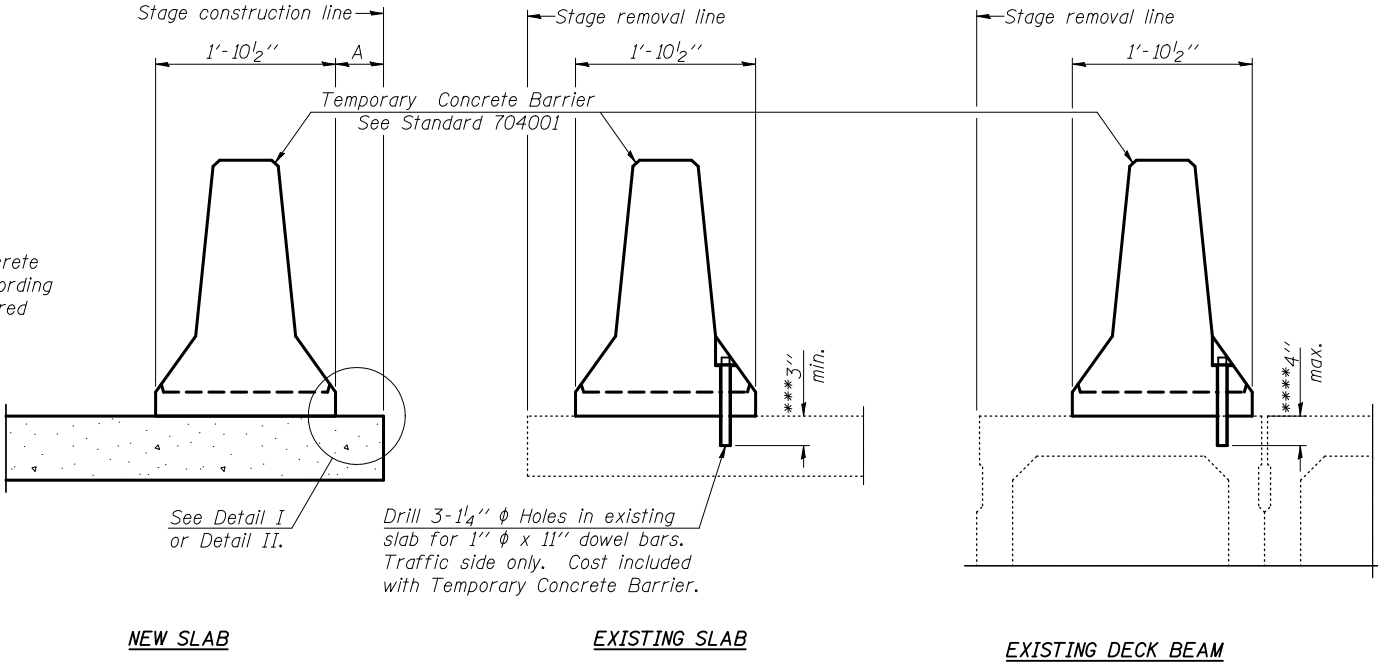
- "A" : Set bar splicer assembly by means of a template bolt.
- "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
- (E) : Indicates epoxy coating.

NOTES

1. Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
2. All reinforcement shall be lapped and tied to the splicer bars.
3. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
4. See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

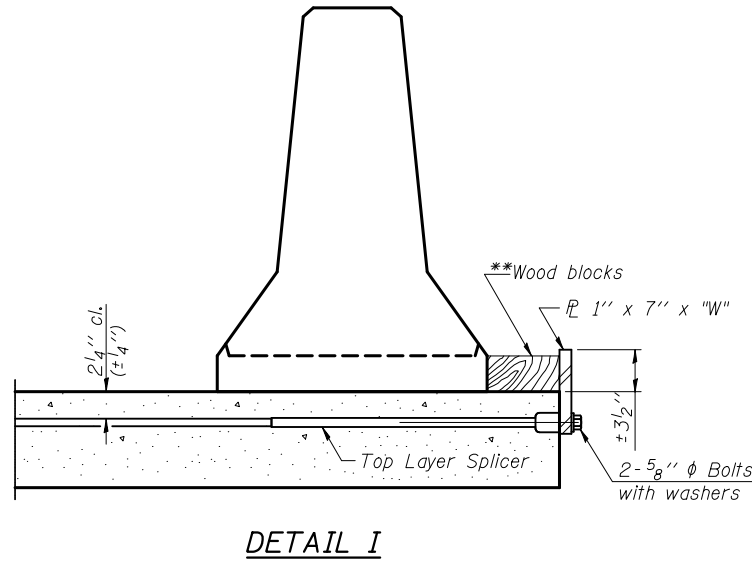
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

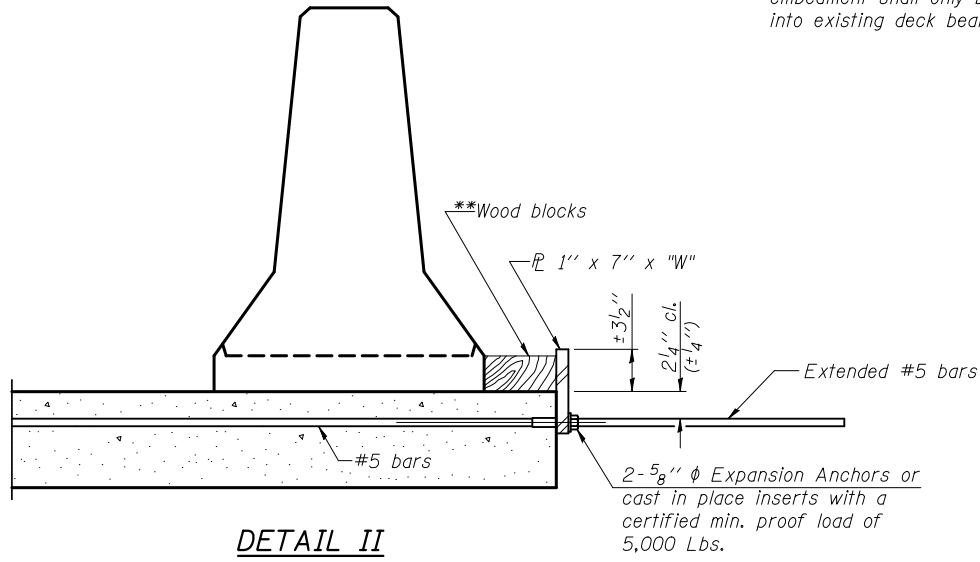
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

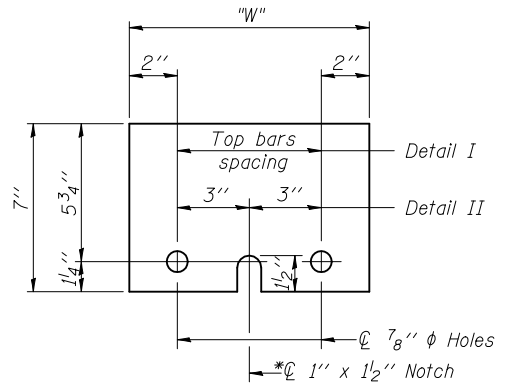
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27

7-1-10



USER NAME = *USER*	DESIGNED BLM	REVISED -
	DRAWN TJR	REVISED -
PLOT SCALE = *SCALE*	CHECKED JEK	REVISED -
PLOT DATE = *DATE*	DATE 02-04-2013	REVISED -

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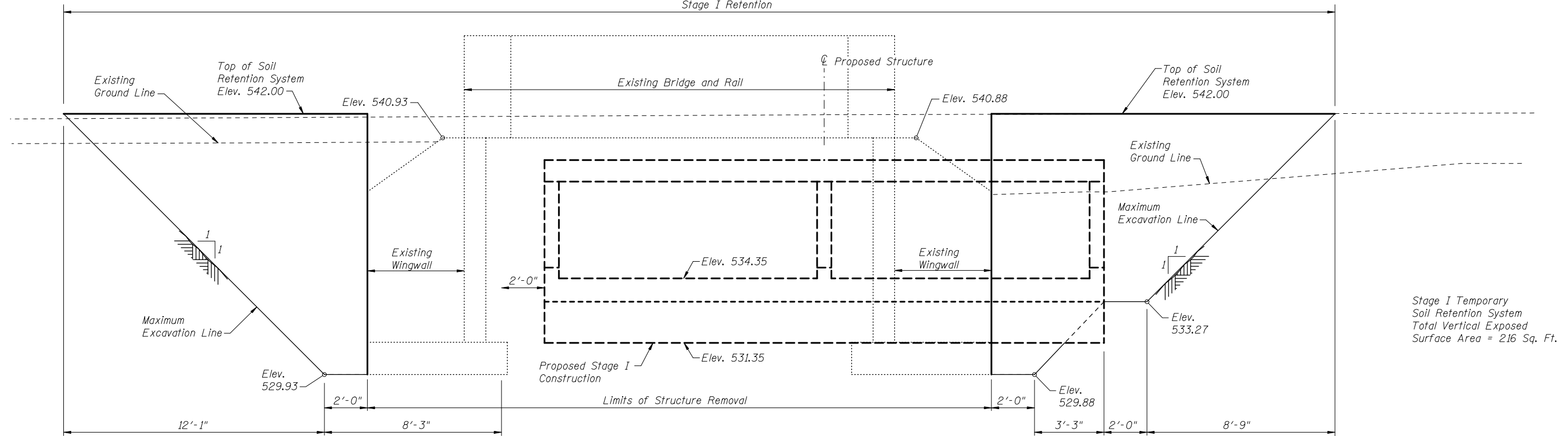
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 034-2527

SCALE: NTS SHEET 7 OF 9 SHEETS STA. 146+92.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B62	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Stage I Retention

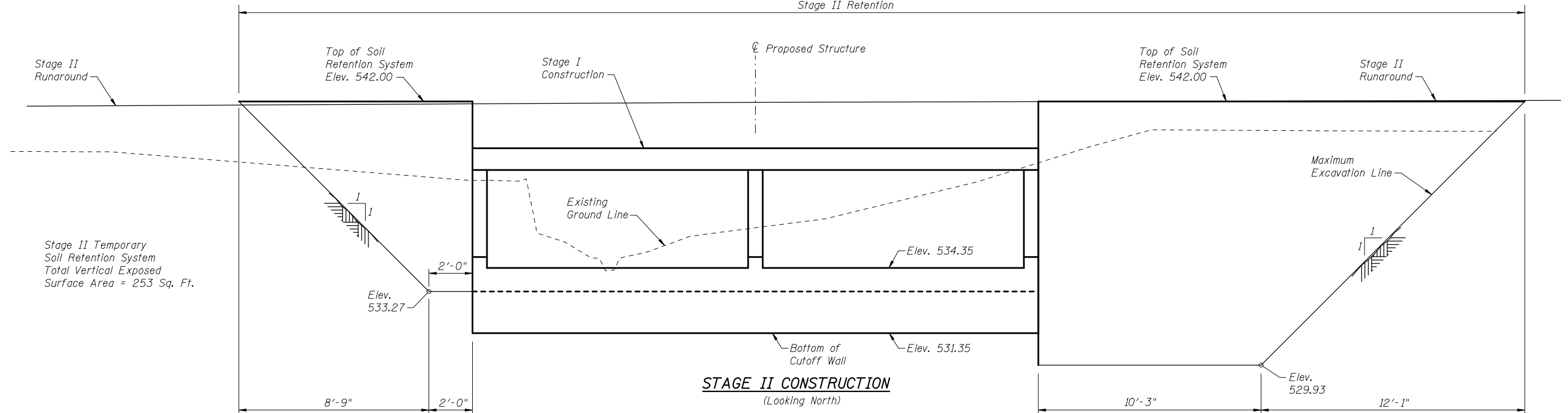


STAGE I CONSTRUCTION

(Looking South)

NOTES:

Stage II Retention



STAGE II CONSTRUCTION

(Looking North)

1. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.



USER NAME = *USER*	DESIGNED BLM	REVISED -
DRAWN TJR	REVISED -	
PLOT SCALE = *SCALE*	CHECKED JEK	REVISED -
PLOT DATE = *DATE*	DATE 02-04-2013	REVISED -

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TEMPORARY SOIL RETENTION SYSTEM DETAILS
STRUCTURE NO. 034-2527

SCALE: NTS SHEET 8 OF 9 SHEETS STA. 146+92.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	44
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 12/29/10

ROUTE IL9/96 DESCRIPTION culvert over unnamed ditch LOGGED BY M. Tappan

SECTION 113B-4 LOCATION NW 1/4, SEC. 7, TWP. 7N, RNG. 7W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	WATER	GROUNDWATER ELEV. (ft)	TESTS
034-2527	146+92		6"	Brown and Dk Gray Moist SILTY CLAY w/ Limestone Aggregate and Sand Seams (Fill)			536.5	
		1						
		2	0.7		17			
		2	S-12					
		1						
		2	1.2		17			
		3	B					
		5						
		535.20						
		1						
		2	1.2		14			
		3	S-9					
		1						
		2	1.0		15			
		4	S-10					
		4						
		8			8			
		31						
		47						
		527.70						
		35						
		72						
		15	28/2"					
		524.70						
		1						
		5						
		15						
		4						
		12						
		5						
		520.70						

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Latitude 40° 37' 35.33N Longitude 91° 14' 7.01W Datum NAD83 Job Number 72B62

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



Illinois Department
of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 12/29/10

ROUTE IL9/96 DESCRIPTION culvert over unnamed ditch LOGGED BY M. Tappan

SECTION 113B-4 LOCATION NW 1/4, SEC. 7, TWP. 7N, RNG. 7W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	WATER	GROUNDWATER ELEV. (ft)	TESTS
034-2527	146+92		6"	V. Dk Gray Moist SILTY CLAY w/ Coarse Angular Limestone Gravel (Fill)			536.5	
		1						
		2	1.3		22			
		4	B					
		1						
		2	0.8		18			
		2	B					
		5						
		535.80						
		2						
		8						
		9						
		4						
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		9						
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		17						
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		7						
		10						
		521.10						

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



USER NAME = *USER*	DESIGNED BLM	REVISED -
PLOT SCALE = *SCALE*	DRAWN TJR	REVISED -
PLOT DATE = *DATE*	CHECKED JEK	REVISED -
	DATE 02-04-2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

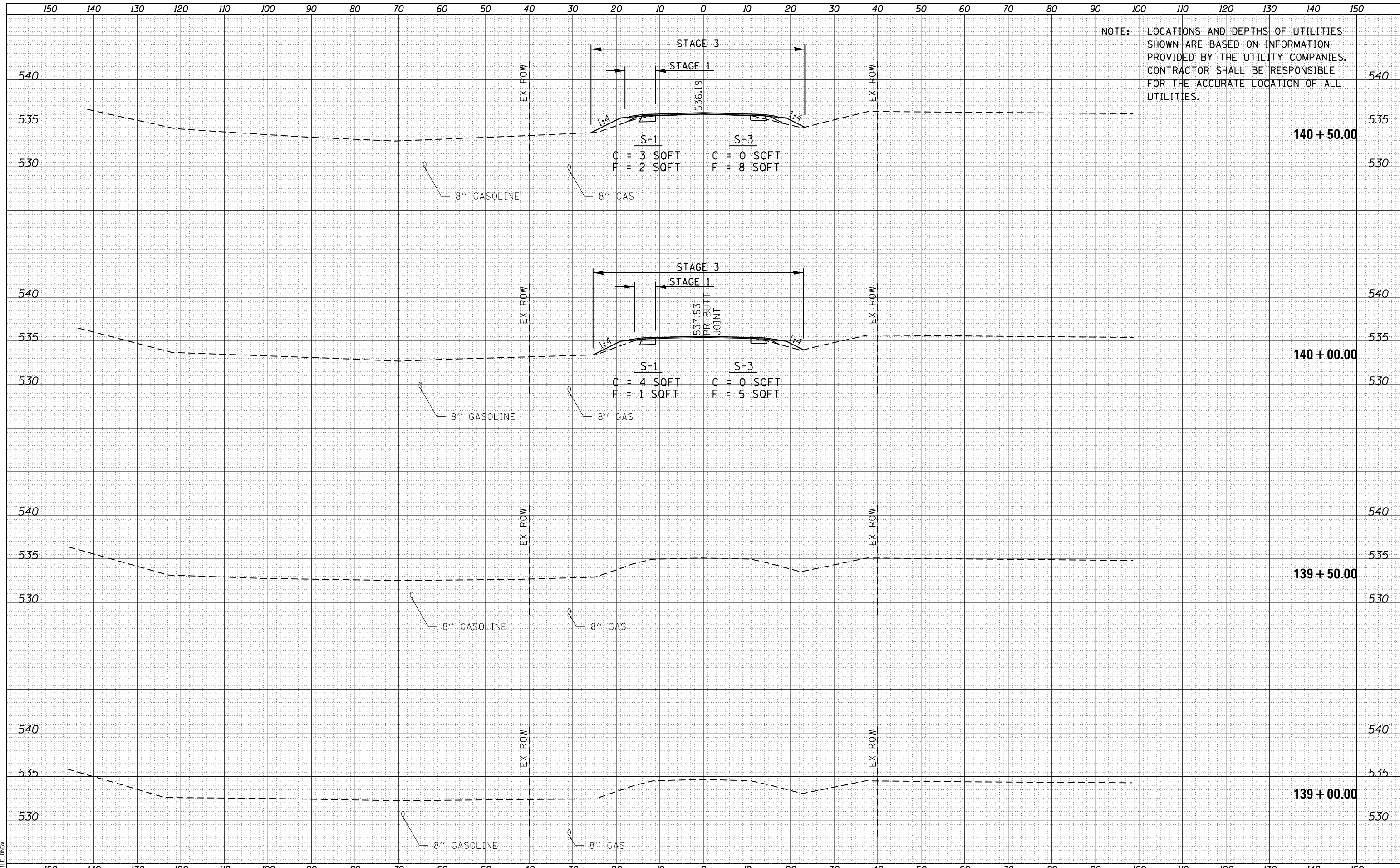
SCALE: NTS		SHEET 9 OF 9 SHEETS		STA. 146+92.00	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	45
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DRIVER: #PLOTDRVS\$
FILE NAME: #PFILELGN\$



NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.



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PLOT DATE = Dec-18-2012 10:20:11AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

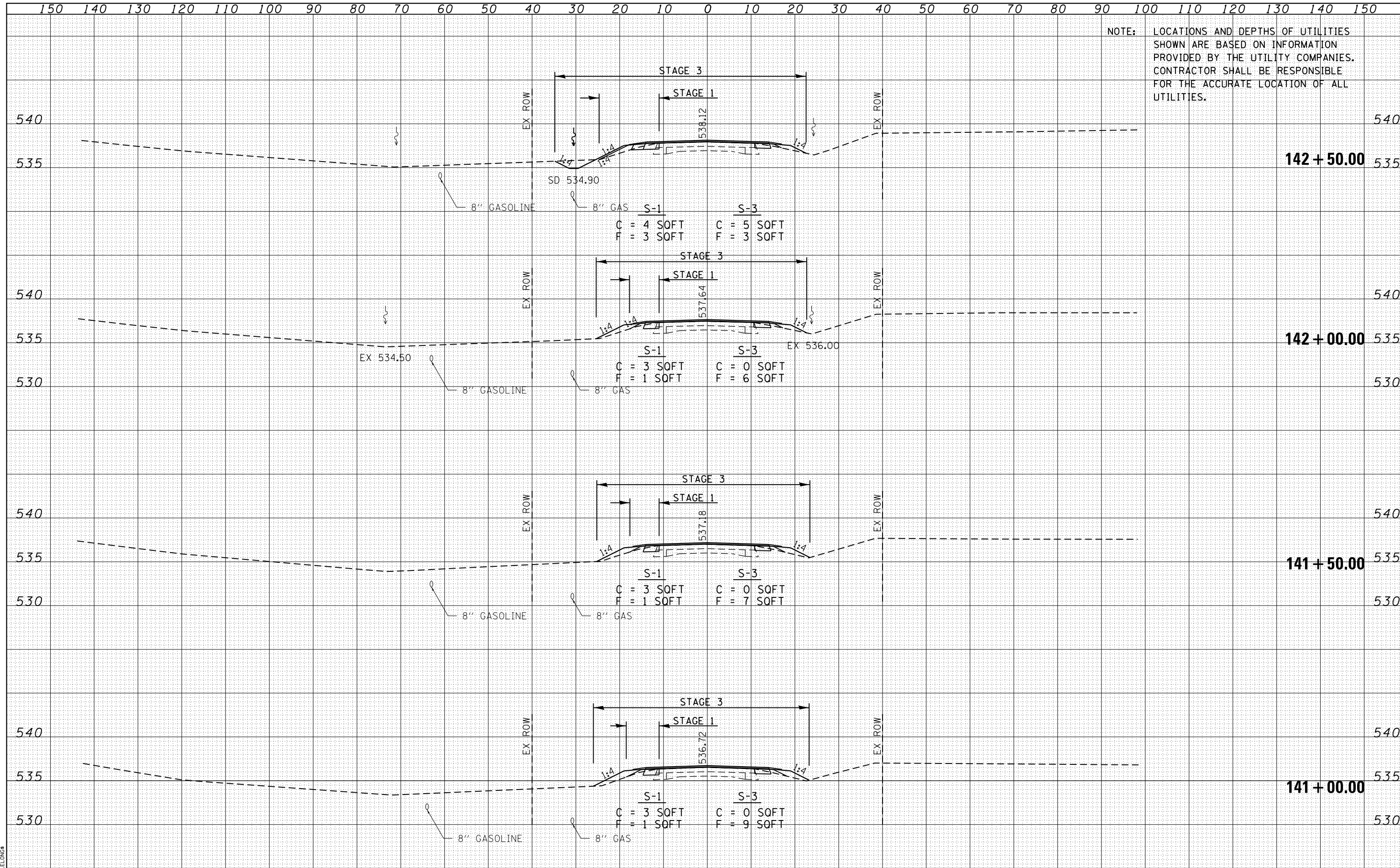
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	46
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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FILE NAME = #FILELNGS



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PLOT DATE = Dec-18-2012 10:20:11AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

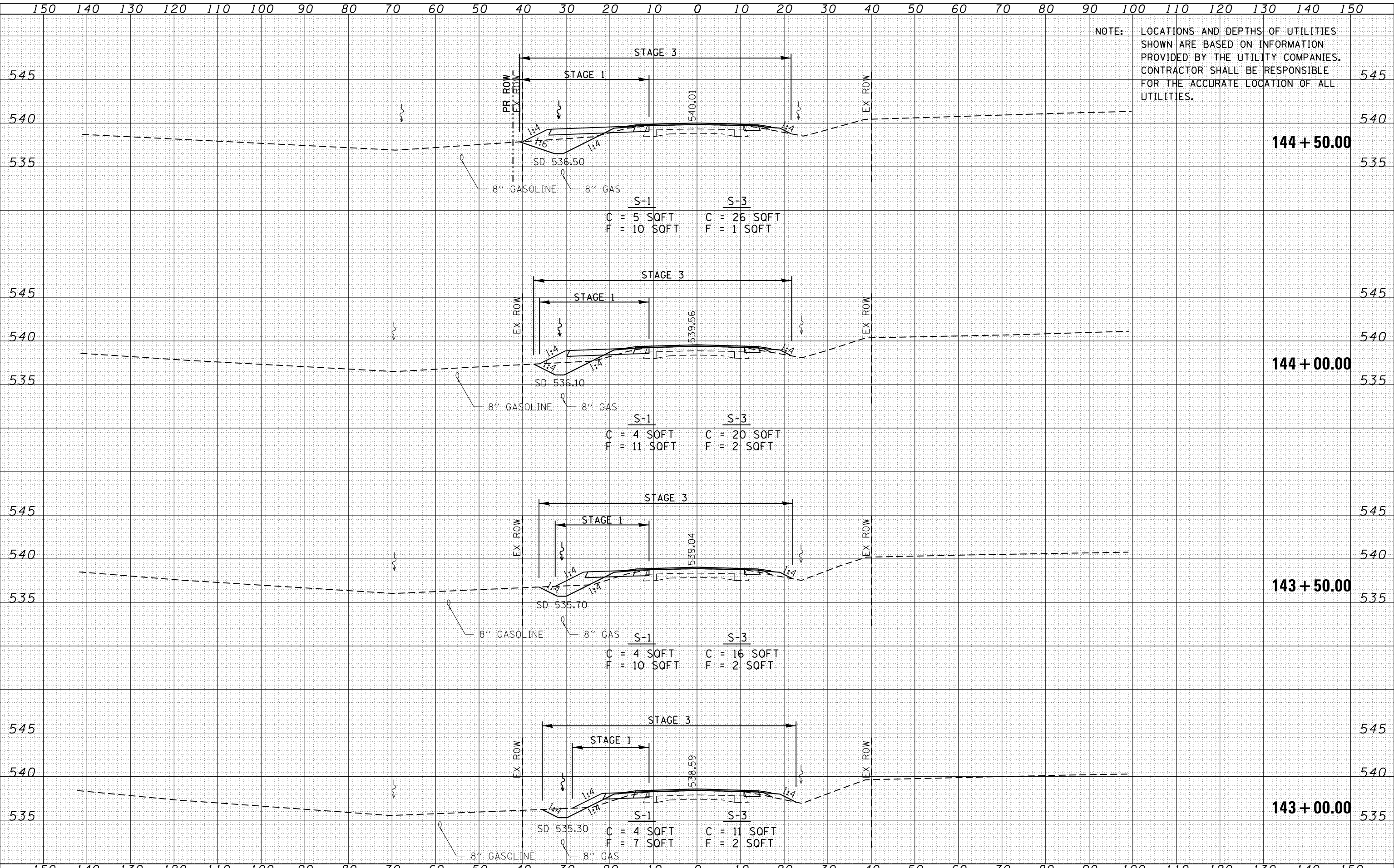
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	47
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

DATE	
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FINISHED	
DATE	
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DATE	
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PLOT DRIVER = #PLTDVRS#
FILE NAME = #FILELNGB#



NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.

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PLOT DATE = Dec-18-2012 10:20:12AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

SCALE: 10H : 5V SHEET 3 OF 12 SHEETS STA. 143+00.00 TO STA. 144+50.00

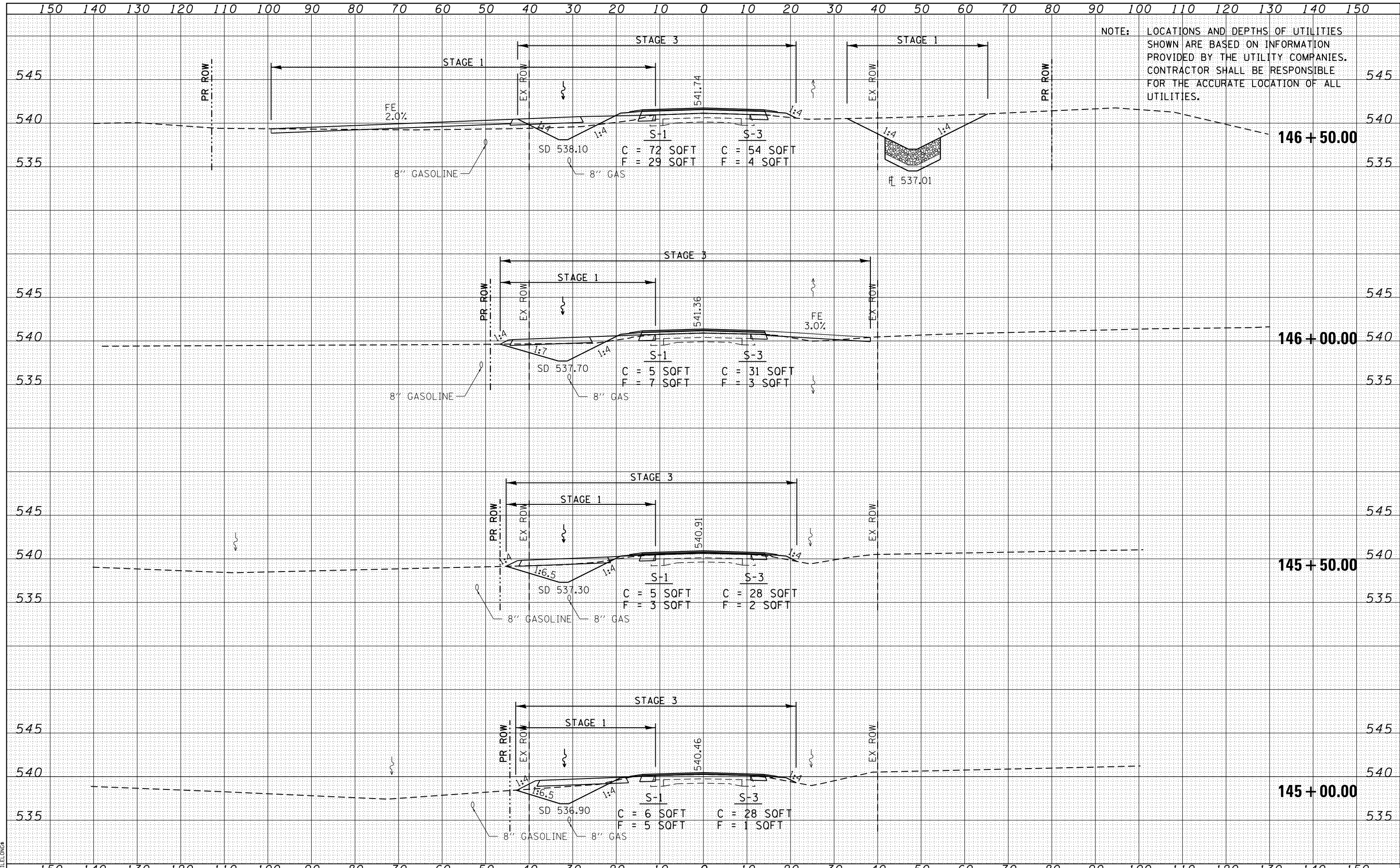
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	48
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
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PLOT DRIVER = #PLTDVRS*
FILE NAME = #FILELNGS



NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.



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PLOT DATE = Dec-18-2012 10:20:13AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

SCALE: 10H : 5V SHEET 4 OF 12 SHEETS STA. 145+00.00 TO STA. 146+50.00

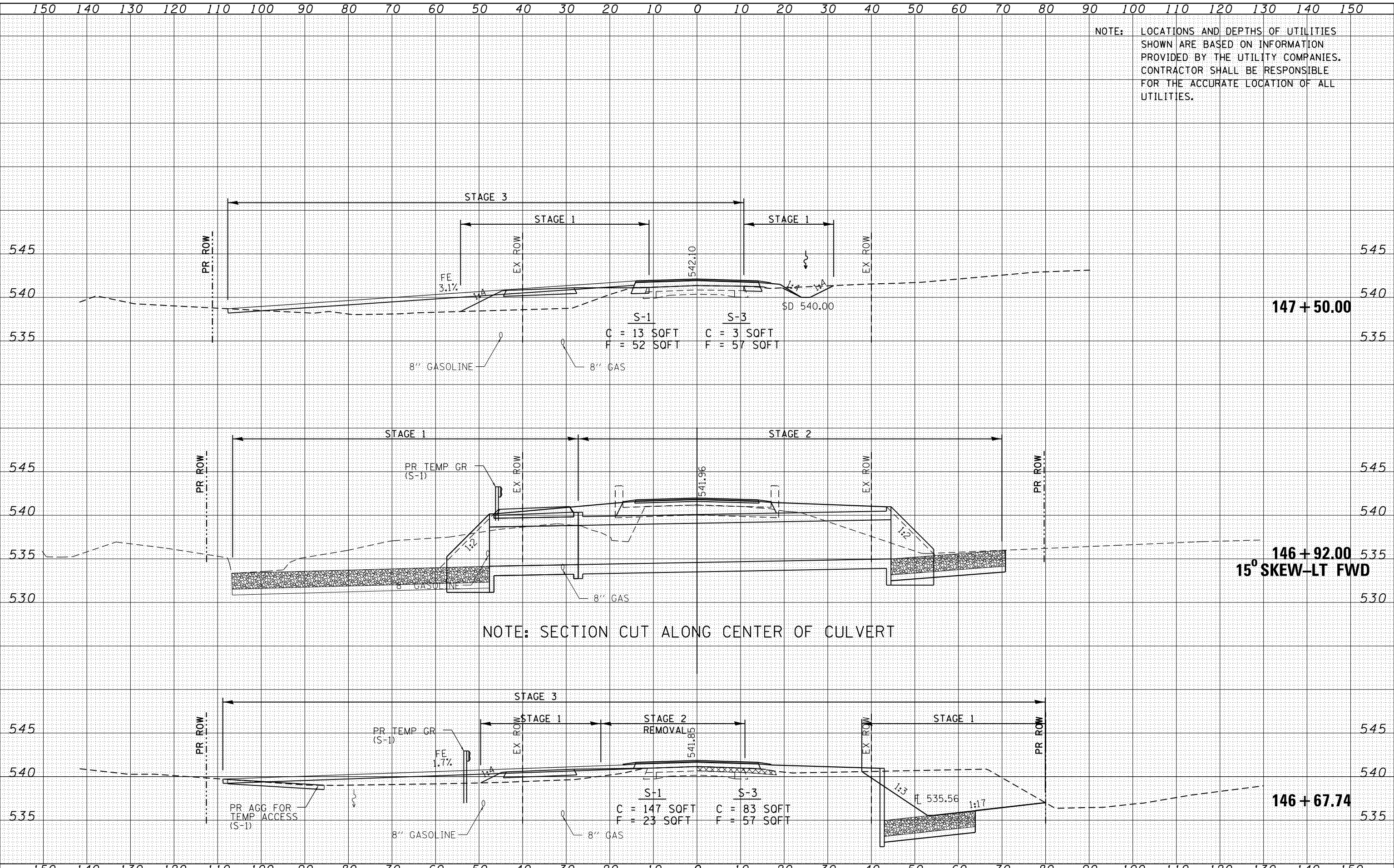
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	49
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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ORIGINAL	
SURVEY	
PLOTTED	
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NOTE BOOK	
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PLOT DRIVER = #PLTDVRS*
FILE NAME = #FILELNGS

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.



NOTE: SECTION CUT ALONG CENTER OF CULVERT

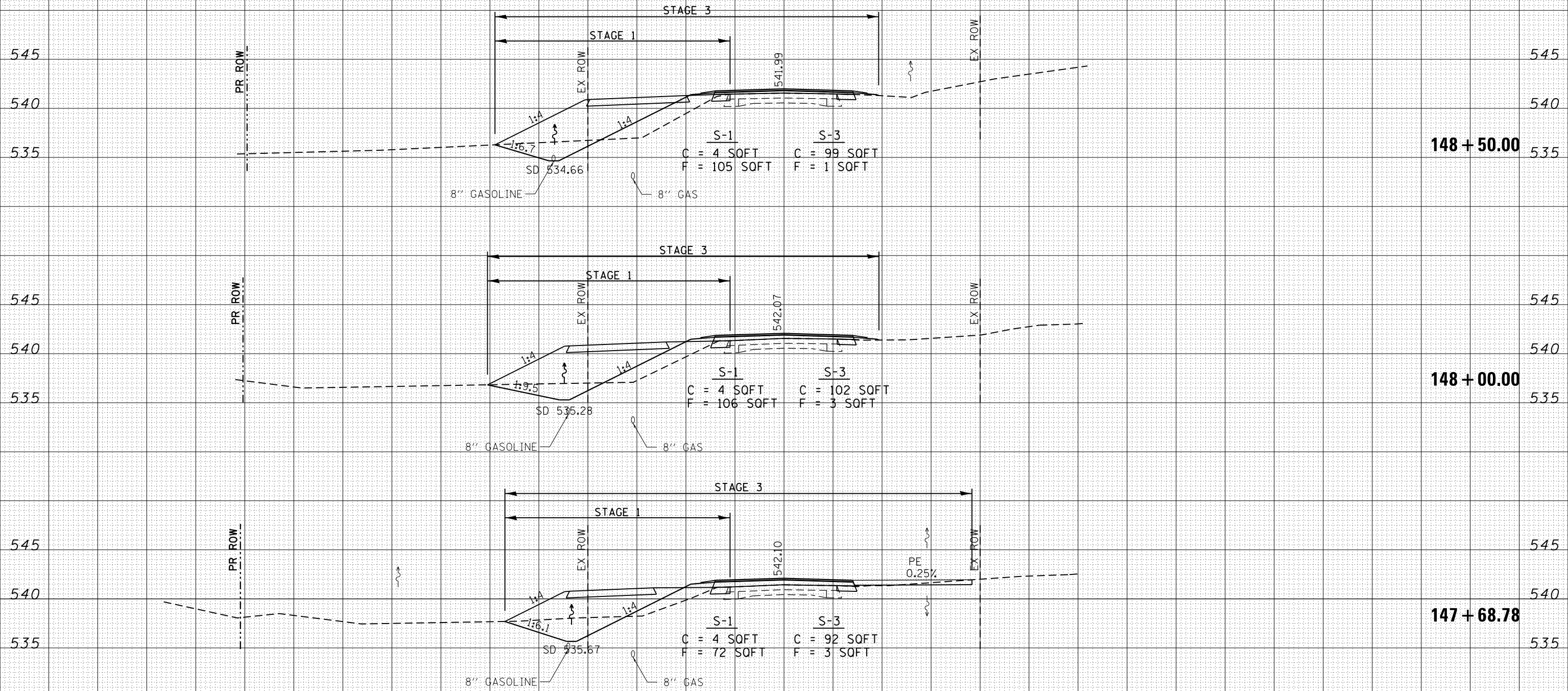
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.

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

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



PLOT DRIVER = #PLTDVRS#
FILE NAME = #FILELNG#



USER NAME = sparksgw
 FILE NAME = D672B62-sht-xssht-roadway.dgn
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 PLOT DATE = Dec-18-2012 10:20:14AM

DESIGNED - MCV
 DRAWN - CMM
 CHECKED - MTM
 DATE - 12/12

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

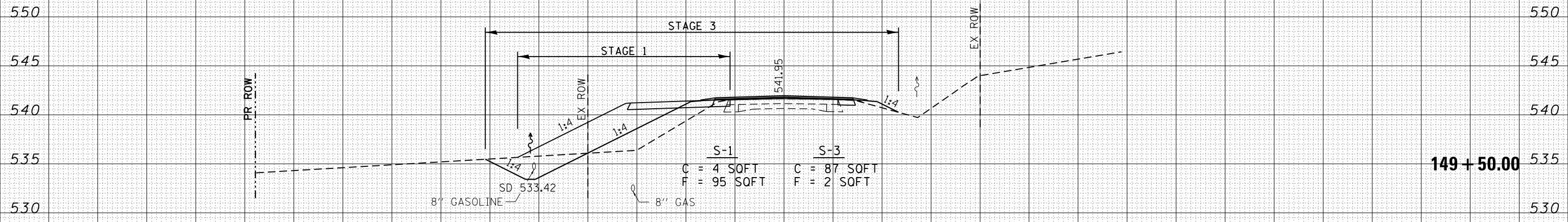
SCALE: 10H : 5V SHEET 6 OF 12 SHEETS STA. 147+68.78 TO STA. 148+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	51
CONTRACT NO. 72B62				

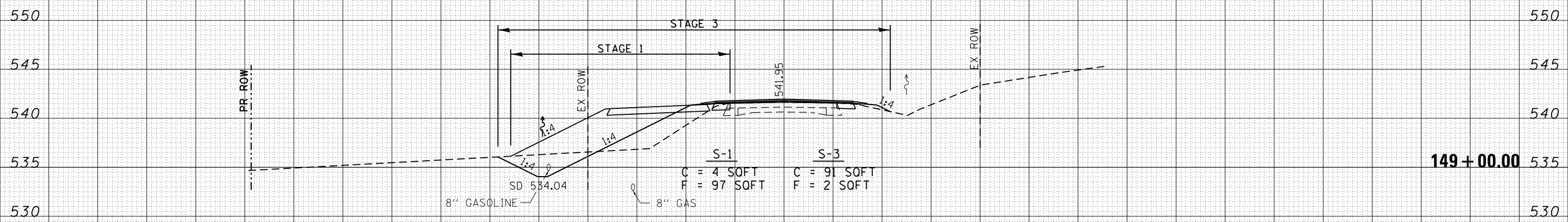
ILLINOIS FED. AID PROJECT

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



PLOT DRIVER: #PLTDVRS#
FILE NAME: #FILELGN#



USER NAME = sparksgw	DESIGNED - MCV	REVISED -
FILE NAME = D672B62-sht-xssht-roadway.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTM	REVISED -
PLOT DATE = Dec-18-2012 10:20:15AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

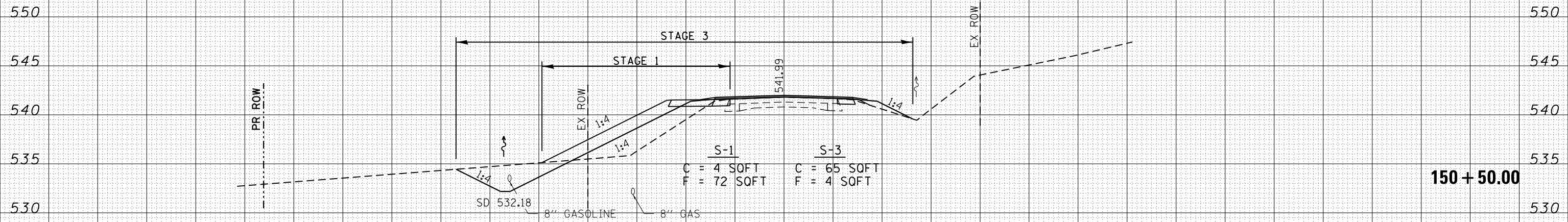
SCALE: 10H : 5V SHEET 7 OF 12 SHEETS STA. 149+00.00 TO STA. 149+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	52
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

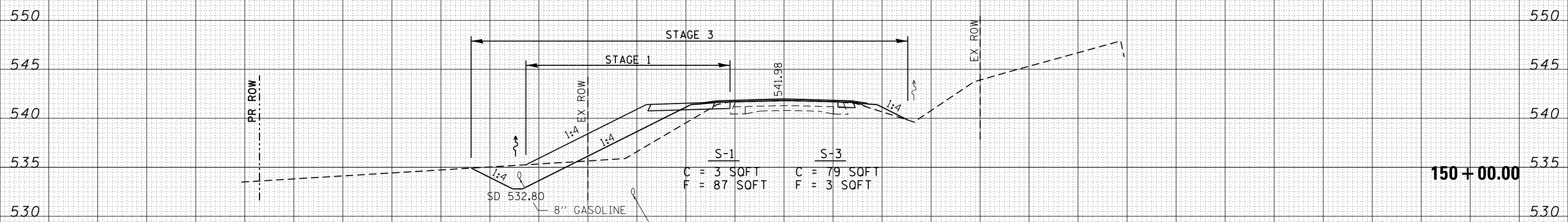
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



PLOT DRIVER: #PLTDVRS*
FILE NAME: #FILELNGS*

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



USER NAME = sparksgw	DESIGNED - MCV	REVISED -
FILE NAME = D672B62-sht-xssht-roadway.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTM	REVISED -
PLOT DATE = Dec-18-2012 10:20:16AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

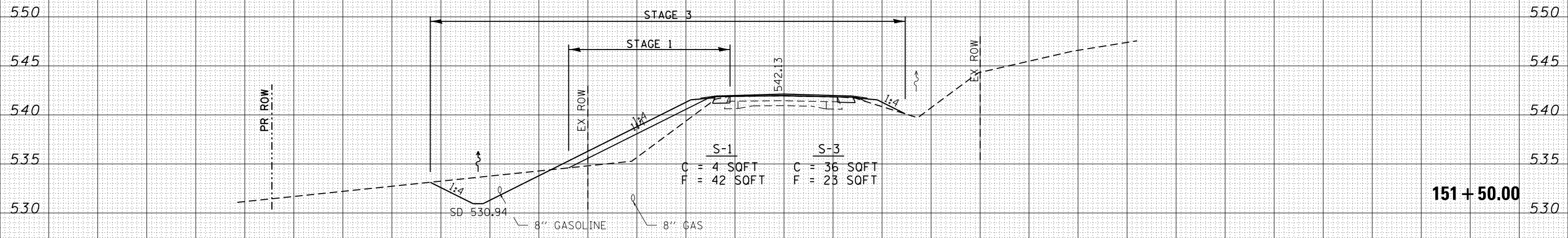
CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

SCALE: 10H : 5V SHEET 8 OF 12 SHEETS STA. 150+00.00 TO STA. 150+50.00

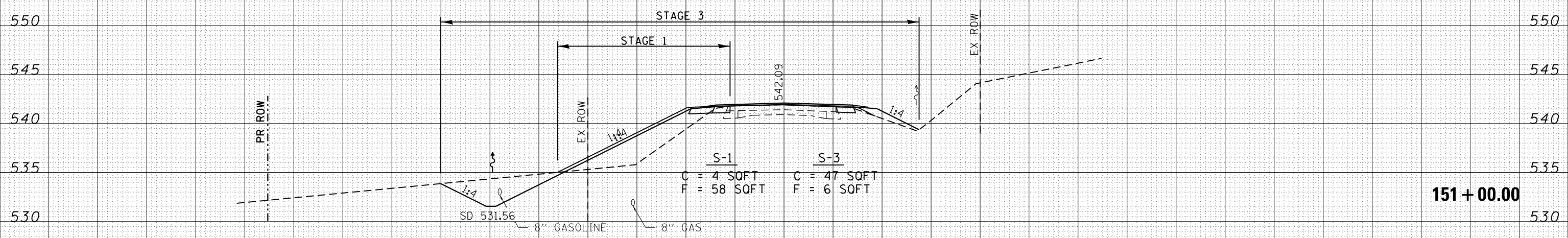
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	53
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



PLOT DRIVER: #PLTDVRS#
FILE NAME: #FILELNGS#



USER NAME = sparksgw	DESIGNED - MCV	REVISED -
FILE NAME = D672B62-sht-xssht-roadway.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTM	REVISED -
PLOT DATE = Dec-18-2012 10:20:16AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

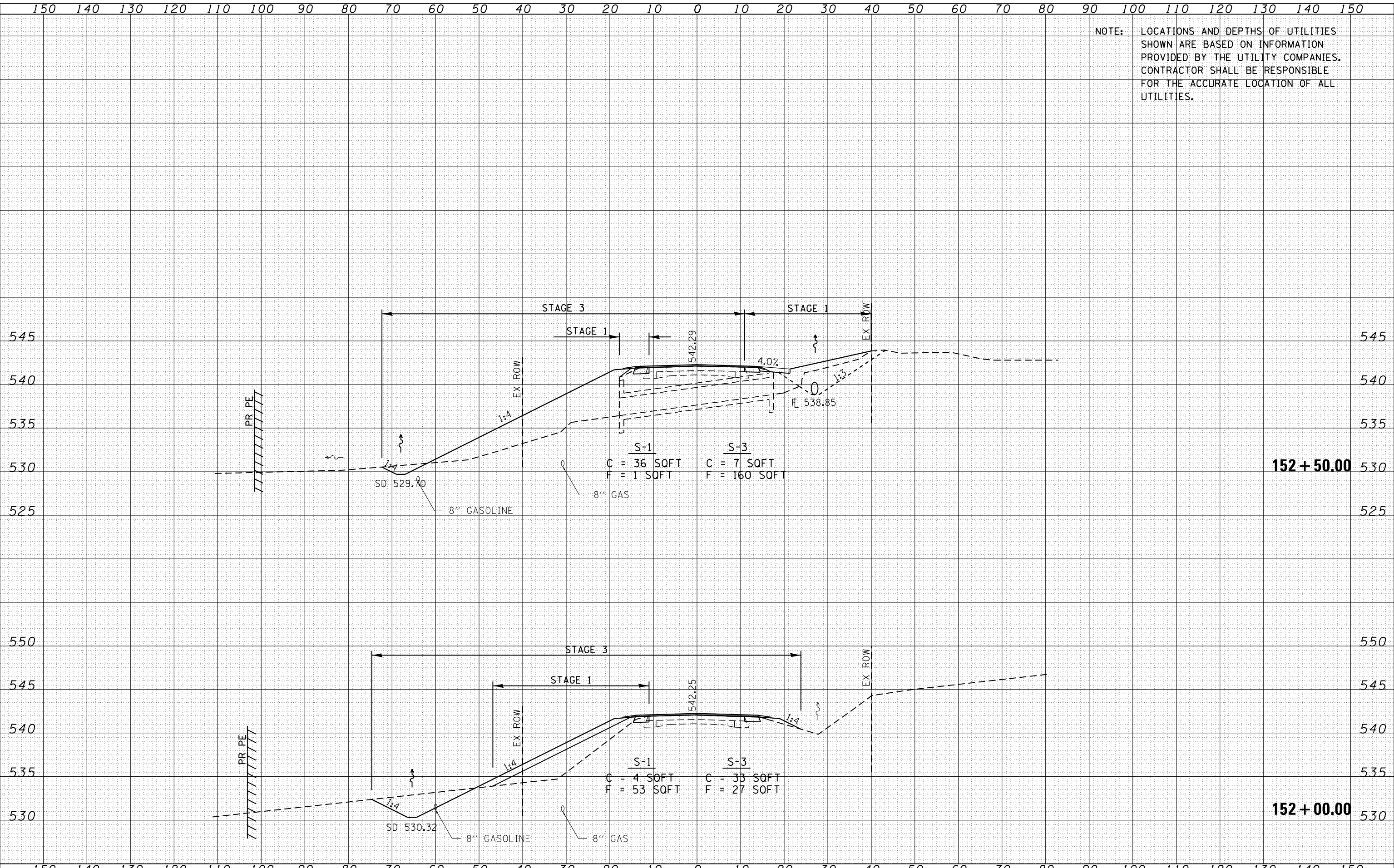
SCALE: 10H : 5V SHEET 9 OF 12 SHEETS STA. 151+00.00 TO STA. 151+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	54
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

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

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

NOTE: LOCATIONS AND DEPTHS OF UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL UTILITIES.



PLOT DRIVER = #PLTDVRS#
FILE NAME = #FILELNMS#



USER NAME = sparksgw	DESIGNED - MCV	REVISED -
FILE NAME = D672B62-sht-xssht-roadway.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTM	REVISED -
PLOT DATE = Dec-18-2012 10:20:17AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

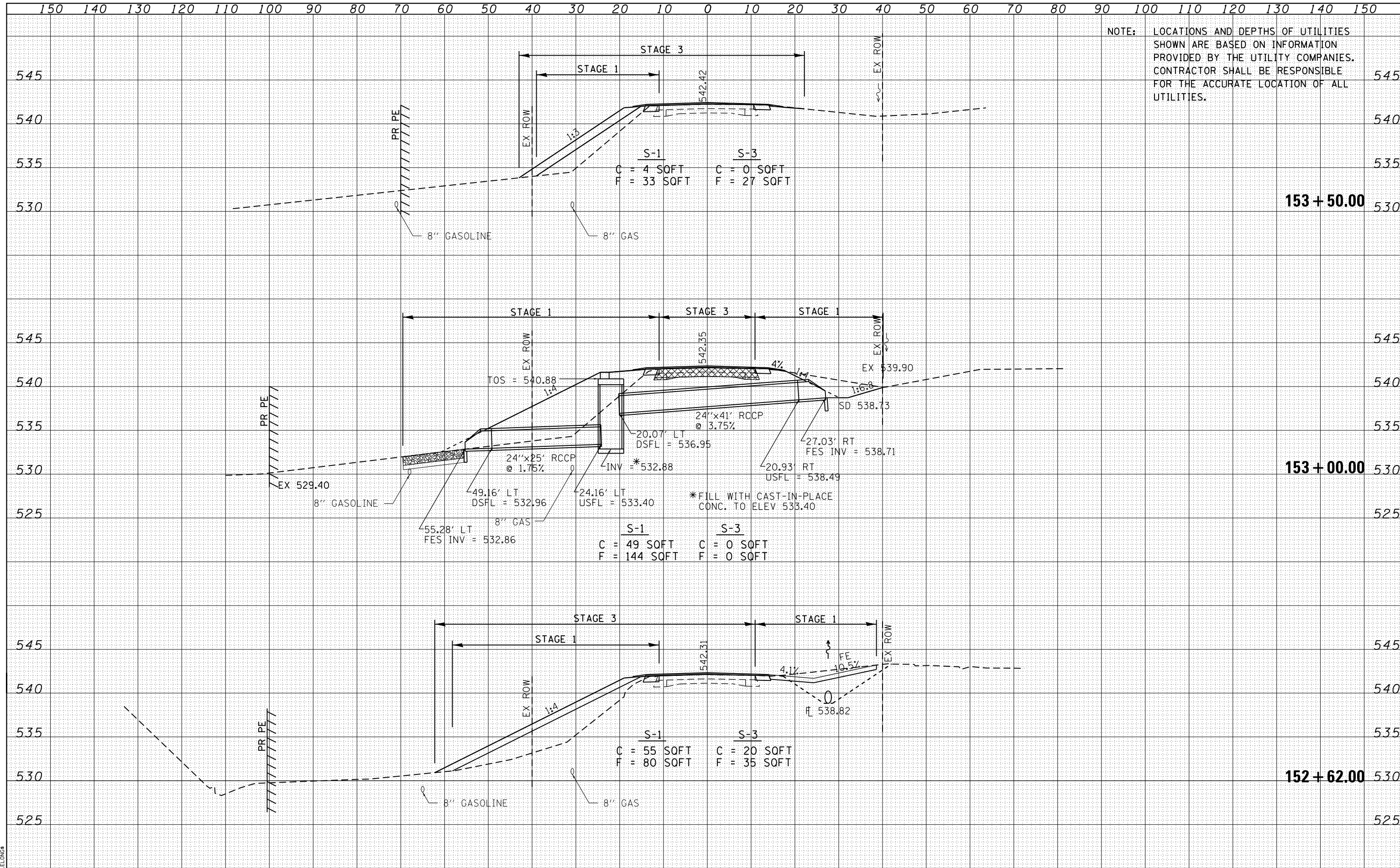
SCALE: 10H : 5V SHEET 10 OF 12 SHEETS STA. 152+00.00 TO STA. 152+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	55
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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FINAL	
SURVEY	
NOTE	
BOOK	
NO.	

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

PLOT DRIVER = #PLTDVRS#
FILE NAME = #FILELGN#

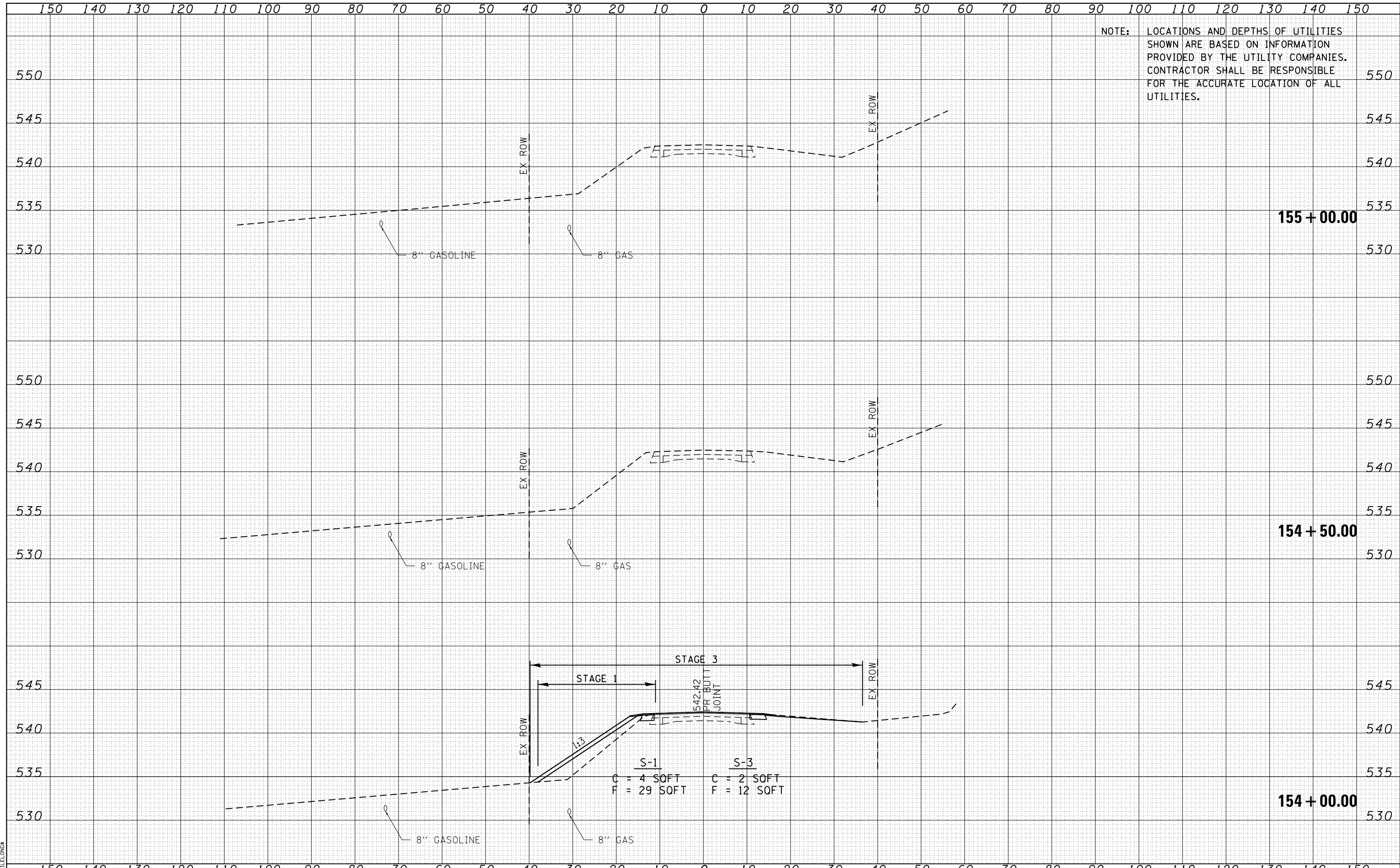


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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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PLOT DRIVER = #PLTDVRS\$
FILE NAME = #FILELGN\$



USER NAME = sparksgw	DESIGNED - MCV	REVISED -
FILE NAME = D672B62-sht-xssht-roadway.dgn	DRAWN - CMM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTM	REVISED -
PLOT DATE = Dec-18-2012 10:20:18AM	DATE - 12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 996 OVER DRAINAGE DITCH

SCALE: 10H : 5V SHEET 12 OF 12 SHEETS STA. 154+00.00 TO STA. 155+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	57
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				