

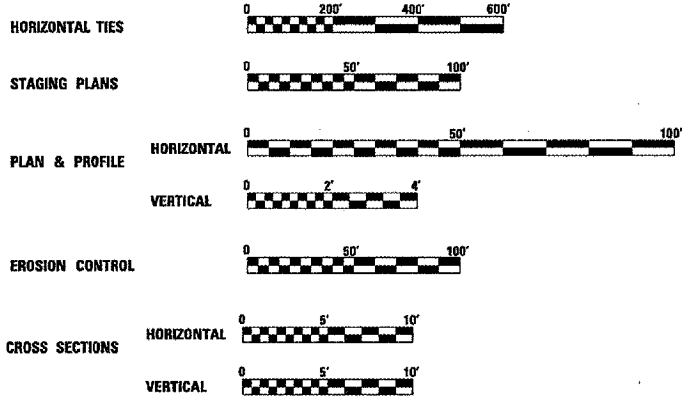
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	1

INDEX OF SHEETS

1	COVER SHEET, INDEX OF SHEETS & STANDARDS
2	GENERAL NOTES & COMMITMENTS
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STATE STANDARDS

000001-05
001001-01
001006
280001-04
515001-02
666001
701001-01
701006-02
701011-01
701306-01
701311-02
701321-02
701326-02
701901
704001-04
720001
720006-01
728001
780001-01
781001-02
886001
886006
BLR 21-7



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

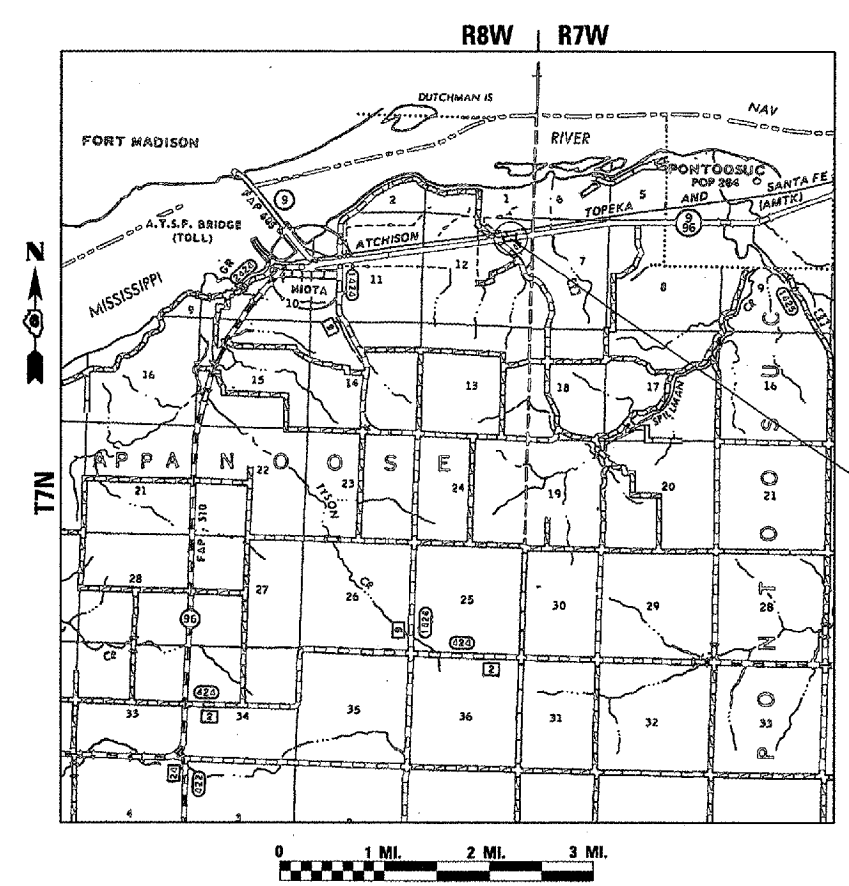
APPANOOSE TOWNSHIP, SECTION 12

ADT: 2,100(2005); 2,800(2026)
SU: 11.1%
MU: 2.2%

CONTRACT NO. 72919

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

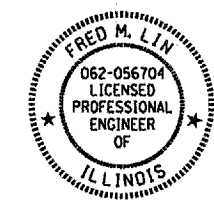
FAP ROUTE 685 (IL 9 & 96)
SECTION (113) B-3
PROJECT: ACF-0685(025)
HANCOCK COUNTY
C-96-506-09



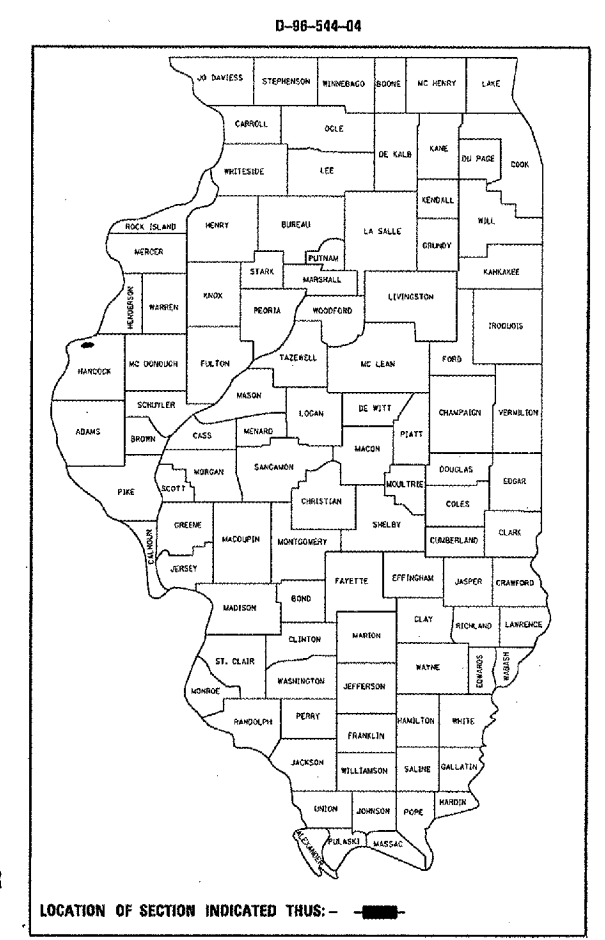
GROSS LENGTH OF IMPROVEMENT = 900.0 FEET = 0.170 MILE
NET LENGTH OF IMPROVEMENT = 900.0 FEET = 0.170 MILE

DESCRIPTION OF WORK:
THIS PROJECT CONSISTS OF THE REMOVAL OF S.N. 034-0015 CARRYING FAP ROUTE 685 (IL ROUTE 9 & 96) OVER S.R. DITCH, AND CONSTRUCTION OF A DOUBLE 12' X 4.5' BOX CULVERT (S.N. 034-2520). APPROACH ROADWAY AND SIDEROAD IMPROVEMENTS ARE ALSO INCLUDED.

PROPOSED IMPROVEMENTS:
STATION 114+00.00 TO
STATION 123+00.00



SEAL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: Aug 24, 2007
[Signature]
DISTRICT ENGINEER

October 12, 2007
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 12, 2007
[Signature]
DIRECTOR, DIVISION OF HIGHWAYS

PREPARED BY:
LIN ENGINEERING, LTD.
CHATHAM, ILLINOIS 62629
(217) 483-4168

[Signature]
FRED M. LIN, P.E.
ILLINOIS REGISTERED ENGINEER NO. 062-056704
REGISTRATION EXPIRES NOV. 30, 2007

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: JOHN NEGANGARD (217) 782-6990
SQUAD LEADER: MARK DUST (217) 785-0597

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2 SHALL BE USED.

FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF 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 CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE RESIDENT ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NO PASSING ZONES SHALL BE FIELD VERIFIED BY DAVE BERTETTO. DIST. 6, (217) 785-0288, 14 DAYS PRIOR TO FINAL PAVEMENT MARKINGS.

MULCH METHOD 2 SHALL BE APPLIED OVER ALL SEEDED AREAS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

ALL ELEVATIONS SHOWN IN THE PLANS ARE USGS MEAN SEA LEVEL DATUM.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.

THE COST OF REMOVAL OF ANY EXISTING SIGNS, CULVERTS, OR OTHER OBSTRUCTIONS WHICH INTERFERE WITH CONSTRUCTION WILL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NORMAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHERWISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE 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 CONSIDERED INCIDENTAL TO THE CONTRACT.

ALL REFERENCES TO BITUMINOUS CONCRETE SHALL BE INTERPRETED TO BE "HOT-MIX ASPHALT"

STRUCTURE EXCAVATION SHALL BE INCLUDED IN THE CONTRACT COST PER CUBIC YARD FOR CONCRETE BOX CULVERTS.

THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS.

HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	0.056 TON / SQ YD / IN
LEVELING BINDER (MACHINE METHOD), N50	0.056 TON / SQ YD / IN
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON / SQ YD
NITROGEN FERTILIZER NUTRIENT	90 LB / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB / ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB / ACRE
AGGREGATE SHOULDERS, TYPE A	2.05 TON/CU YD
AGGREGATE SHOULDERS, TYPE B	1.89 TON/CU YD
RIPRAP	1.50 TON/CU YD

COMMITMENTS

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

RAILROAD FLAGGERS & RAILROAD LIABILITY INSURANCE SHALL BE REQUIRED WHEN COMPLETING ON OR ADJACENT TO RAILROAD PROPERTY.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

Mixture Uses:	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	LEVEL BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT BASE COURSE/WIDENING, 10"	HOT-MIX ASPHALT SHOULDERS, 2 1/4"	HOT-MIX ASPHALT INCIDENTAL SURFACE COURSE	HOT-MIX ASPHALT BINDER
PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	2.0% @ N DESIGN = 30	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
Mixture Composition (Gradation Mixture)	IL 9.5 OR 12.5	IL 9.5	IL 19.0	BAM	IL 9.5 OR 12.5	IL 19.0
Friction Aggregate	MIX "C"	N/A	N/A	N/A	MIX "C"	N/A

DISTRICT SIX	
EXAMINED <u>August 9</u> 20 <u>07</u>	<u>Louis Hoast</u>
OPERATIONS ENGINEER	
EXAMINED <u>Aug 24</u> 20 <u>07</u>	<u>W.R.G.</u>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>Aug 24</u> 20 <u>07</u>	<u>W.R.G.</u>
PROGRAM DEVELOPMENT ENGINEER	

		ILLINOIS DEPARTMENT OF TRANSPORTATION
		GENERAL NOTES & COMMITMENTS
		IL ROUTE 96 & APPLE RIVER ROAD
		HANCOCK COUNTY
SCALE: NONE	DRAWN BY: SL	
DATE: 07/2007	CHECKED BY: FL	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-3	HANCOCK	48	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR RWY

CODE NO.	ITEM	UNIT	TOTAL	X028-2A	I000
20200100	EARTH EXCAVATION	CU YD	1,280		1,280
20300100	CHANNEL EXCAVATION	CU YD	1,022		1,022
20400800	FURNISHED EXCAVATION	CU YD	2,920		2,920
25000200	SEEDING, CLASS 2	ACRE	1.75		1.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	160		160
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	160		160
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	160		160
25000700	AGRICULTURAL GROUND LIMESTONE	TON	3.5		3.5
25100115	MULCH, METHOD 2	ACRE	1.75		1.75
25101005	HEAVY DUTY EXCELSIOR BLANKET	SQ YD	473		473

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

SCALE: NONE
DATE: 07/2007
DRAWN BY: SGL
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	1113B-3	HANCOCK	48	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR RWY

CODE NO.	ITEM	UNIT	TOTAL	X028-2A	I000
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200		200
28000400	PERIMETER EROSION BARRIER	FOOT	1,000		1,000
28001000	AGGREGATE (EROSION CONTROL)	TON	30		30
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	317		317
28200200	FILTER FABRIC	SQ YD	633		633
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	2,132		2,132
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	552		552
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	462		462
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50		50
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.9		1.9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY
 SCALE: NONE
 DATE: 07/2007
 DRAWN BY: SCL
 CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR

RWY

CODE NO.

ITEM

UNIT

TOTAL

X028-2A

I000

40600300

AGGREGATE (PRIME COAT)

TON

5.5

5.5

40600625

LEVELING BINDER (MACHINE METHOD), N50

TON

165

165

40600982

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SQ YD

147

147

40600990

TEMPORARY RAMP

SQ YD

40

40

40603080

HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50

TON

319

319

40603310

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

TON

392

392

44000100

PAVEMENT REMOVAL

SQ YD

364

364

48101200

AGGREGATE SHOULDERS, TYPE B

TON

233

233

48203100

HOT-MIX ASPHALT SHOULDERS

TON

82

82

50100100

REMOVAL OF EXISTING STRUCTURES

EACH

1

1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

SCALE: NONE
DATE: 07/2007

DRAWN BY: SCL
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR

RWY

CODE NO.

ITEM

UNIT

TOTAL

X028-2A

1000

50800105

REINFORCEMENT BARS

POUND

99,720

99,720

50800515

BAR SPLICERS

EACH

137

137

51500100

NAME PLATES

EACH

1

1

54003000

CONCRETE BOX CULVERTS

CU YD

293.5

293.5

63200310

GUARDRAIL REMOVAL

FOOT

482

482

66600105

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

EACH

15

15

67000400

ENGINEERS FIELD OFFICE, TYPE A

CAL MO

6

6

67100100

MOBILIZATION

L SUM

1

1

70100460

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306

L SUM

1

1

70100500

TRAFFIC CONTROL AND PROTECTION, STANDARD 701326

L SUM

1

1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY
SCALE: NONE
DATE: 07/2007
DRAWN BY: SCL
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR

RWY

CODE NO.

ITEM

UNIT

TOTAL

X028-2A

1000

70101205

TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)

EACH

1

1

70101830

TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21

L SUM

1

1

70103815

TRAFFIC CONTROL SURVEILLANCE

CAL DA

5

5

70106500

TEMPORARY BRIDGE TRAFFIC SIGNALS

EACH

1

1

70300100

SHORT-TERM PAVEMENT MARKING

FOOT

450

450

70300230

TEMPORARY PAVEMENT MARKING - LINE 5"

FOOT

4,130

4,130

70301000

WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT

94

94

70400100

TEMPORARY CONCRETE BARRIER

FOOT

480

480

70400200

RELOCATE TEMPORARY CONCRETE BARRIER

FOOT

350

350

*

72000100

SIGN PANEL - TYPE 1

SQ FT

52

52

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY
SCALE: NONE
DATE: 07/2007
DRAWN BY: SGL
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR RWY

CODE NO.	ITEM	UNIT	TOTAL	X028-2A	I000
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	87		87
*78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	4,130		4,130
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	109		109
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	57		57
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12		12
78300100	PAVEMENT MARKING REMOVAL	SQ. FT	1,033		1,033
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12		12
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	EACH	2	2	
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE) TEST LEVEL 3	EACH	2	2	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY
SCALE: NONE
DATE: 07/2007
DRAWN BY: SGL
CHECKED BY: FML

*SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	44	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP ROUTE 685 (IL 9 & 96) OVER S.R. DITCH

CONSTRUCTION
TYPE CODE

SUMMARY OF QUANTITIES

STR RWY

CODE NO.	ITEM	UNIT	TOTAL	X028-2A	I000
XZ0054517	ROCK FILL-FOUNDATION	TON	185	185	
Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1	1	
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	307	307	
X0324118	GRANULAR CULVERT BACKFILL	CU YD	224	224	
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1		1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

SCALE: NONE
DATE: 07/2007
DRAWN BY: SGL
CHECKED BY: FML

* SPECIALTY ITEMS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK

LOCATION	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION ADJ. FOR SHRINKAGE	CHANNEL EXCAVATION	CHANNEL EXCAVATION ADJ. FOR SHRINKAGE	FURNISHED EXCAVATION WASTE (+) SHORTAGE (-)
STATION TO STATION	CU. YD.					
IL RTE 96						
114+00 118+50	187.3	1,856.4	140.5			-1,715.9
119+00 123+00	151.3	922.9	113.5			-809.4
APPLE RIVER ROAD						
10+81 14+50	789.1	1,305.7	591.8			-713.9
15+70 17+42	149.3	557.5	112.0			-445.5
APPLE RIVER ROAD						
13+00 RT. 14+50 RT.				371.9	278.9	+278.9
15+50 RT. 17+00 RT.				649.7	487.3	+487.3
TOTAL	1,280	4,643	958	1,022	767	-2,920

NOTE:

SHRINKAGE FACTOR = 25% FOR EARTH AND CHANNEL EXCAVATION.
 CHANNEL EXCAVATION ASSUMED TO BE SUITABLE MATERIAL, AND IS INCLUDED IN EARTHWORK BALANCE.
 EARTH EXCAVATION AND FURNISHED EXCAVATION TOTALS ARE ROUNDED TO THE NEAREST 5 CU. YDS.
 CHANNEL EXCAVATION TOTAL IS ROUNDED TO THE NEAREST 1 CU. YD.

EROSION CONTROL

LOCATION	HEAVY DUTY EXCELSIOR BLANKET	STONE DUMPED RIPRAP CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP
STATION TO STATION	SQ. YD.	TON	SQ. YD.
APPLE RIVER ROAD			
13+35 13+50 RT	38.5		
16+00 16+75 RT	433.7		
APPLE RIVER ROAD			
13+50 14+00 RT		105.5	210.7
15+55 16+00 RT		211.1	422.2
TOTAL	473	317	633

LANDSCAPING

LOCATION	SEEDING CLASS 2	MULCH METHOD 2	AGRICULTURAL GROUND LIMESTONE	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
STATION TO STATION	ACRE		TON	POUND		
IL RTE 96						
114+00 116+48 LT	0.11	0.11	0.22	10	10	10
118+00 123+00 LT	0.33	0.33	0.66	30	30	30
114+00 117+50 RT	0.24	0.24	0.48	21.6	21.6	21.6
119+00 123+00 RT	0.23	0.23	0.46	20.7	20.7	20.7
APPLE RIVER ROAD						
10+81 15+00 LT	0.33	0.33	0.66	30	30	30
16+00 17+42 LT	0.08	0.08	0.16	7.2	7.2	7.2
10+81 14+50 RT	0.22	0.22	0.44	19.8	19.8	19.8
15+55 17+42 RT	0.11	0.11	0.22	10	10	10
TOTAL	1.75	1.75	3.50	160.0	160.0	160.0

TOTAL QUANTITIES FOR SEEDING, CLASS 2 AND MULCH, METHOD 2 WERE ROUNDED TO THE NEAREST 0.25 ACRE.
 TOTAL QUANTITY FOR NUTRIENTS IS THE ROUNDED SEEDED AREA X 90 LBS./ACRE ROUNDED TO THE NEAREST 10 LBS.
 TOTAL QUANTITY FOR LIMESTONE IS THE ROUNDED SEEDED AREA X 2 TONS/ACRE.

ESTIMATED QUANTITIES

ESTIMATED QUANTITIES		
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLING TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS)		
ITEMS	UNIT	TOTAL
AGGREGATE (EROSION CONTROL)	TON	30
TEMPORARY EROSION CONTROL SEEDING	LBS	200
PERIMETER EROSION CONTROL BARRIER	FOOT	1,000

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE
 DATE: 7/07

DRAWN BY: SGL
 CHECKED BY: FML

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT

LOCATION	AGGREGATE BASE COURSE TYPE A, 8"	HOT-MIX ASPHALT BASE COURSE, 10"	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	AGGREGATE (PRIME COAT 4*/SQ. YD.)	BITUMINOUS MATERIALS (PRIME COAT 0.00038 TON/SQ. YD)	HOT-MIX ASPHALT BINDER COURSE	HOT-MIX ASPHALT SURFACE COURSE MIX C, N50	LEVELING BINDER (MACHINE METHOD), N50
STATION TO STATION	SQ. YD.			TON			TON	TON
APPLE RIVER ROAD								
10+80.79 14+97.76	1,488.9				0.53	208.1	115.6	
15+54.67 17+25.00	822.2				0.27	110.9	58.8	
17+25.00 17+42.42		55.0					3.6	
IL RTE 96								
118+35.3 119+05.7		190.8						
116+20.0 120+40.0 LT		306.0						
IL RTE 96								
115+00.00 118+63.80 RT			175.3					
118+93.59 122+00.00 RT			135.4					
115+00.00 116+20.00 LT			50.6					
120+40.00 122+00.00 LT			67.5					
118+43.30 119+17.72 RT			33.1					
IL RTE 96								
114+00 115+00				0.25	0.06		20.65	9.6
115+00 122+00				5.0	0.97		172.0	145.5
122+00 123+00				0.25	0.06		20.65	9.6
TOTAL	2,132	552	462	5.5	1.9	319	392	165

AGGREGATE SHOULDER, TYPE B

LOCATION	TON
IL RTE 96	
STA. 114+00 TO STA. 115+00 LT	11.6
STA. 115+00 TO STA. 116+72 LT	14.6
STA. 117+95 TO STA. 122+00 LT	34.3
STA. 122+00 TO STA. 123+00 LT	5.6
STA. 114+00 TO STA. 115+00 RT	11.4
STA. 115+00 TO STA. 117+65 RT	22.5
STA. 119+07 TO STA. 122+00 RT	24.9
STA. 122+00 TO STA. 123+00 RT	11.6
APPLE RIVER RD.	
STA. 10+81 TO STA. 15+12 LT	38.4
STA. 10+81 TO STA. 14+63 RT	35.8
STA. 15+90 TO STA. 16+67 LT	10.1
STA. 15+39 TO STA. 16+67 RT	12.0
TOTAL	232.8

HOT-MIX ASPHALT SHOULDERS

LOCATION	TON
IL RTE 96	
STA. 115+00 TO STA. 116+73 LT	11.2
STA. 117+95 TO STA. 122+00 LT	37.9
STA. 115+00 TO STA. 117+66 RT	14.9
STA. 119+06 TO STA. 122+00 RT	16.4
TOTAL	82.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 7/07

DRAWN BY: SGL
CHECKED BY: FML

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

LOCATION	SQ. YD.
STA. 114+00 TO STA. 114+30	73.3
STA. 122+70 TO STA. 123+00	73.3
TOTAL	147

GUARDRAIL REMOVAL

LOCATION	FOOT
IL RTE 96	
STA. 118+64.8 TO STA. 120+47 RT	210
STA. 118+00 TO STA. 120+63.5 RT	272
TOTAL	482

FURNISHING & ERECTING
RIGHT OF WAY MARKERS

LOCATION	EACH
IL-96	
STA. 114+00 40.0' LT	1
STA. 116+45.78 114.95' LT	1
STA. 116+50 65.0' LT	1
STA. 118+38.30 90.03' LT	1
STA. 118+42.76 115.03' LT	1
STA. 120+00 60.0' LT	1
STA. 120+00 90.10' LT	1
STA. 122+00 40.0' LT	1
STA. 114+00 40.0' RT	1
STA. 117+00 70.0' RT	1
STA. 120+00 60.0' RT	1
STA. 122+00 40.0' RT	1
APPLE RIVER RD	
STA. 10+00 25' RT	1
STA. 10+00 20' LT	1
STA. 10+00 25' LT	1
TOTAL	15

PAVEMENT REMOVAL

LOCATION	SQ. YD.
IL RTE 96	
APPROACH SLAB - EAST APPROACH	112.4
APPROACH SLAB - WEST APPROACH	112.4
STA. 118+35.3 TO STA. 118+51.8 C	44.0
STA. 118+77.5 TO STA. 119+05.7 C	75.1
STA. 118+47.3 TO STA. 118+63.8 RT.	7.3
STA. 118+93.6 TO STA. 119+17.7 RT.	12.8
TOTAL	364

PAVEMENT MARKING REMOVAL

LOCATION	SQ. FT.
IL-96	
114+00 TO 123+00 - CL SKIP DASH	150.4
114+00 TO 117+50 LT - EDGE LINE	189.6
118+25 TO 123+00 LT - EDGE LINE	237.5
114+00 TO 118+00 RT - EDGE LINE	216.7
118+60 TO 123+00 RT - EDGE LINE	238.3
TOTAL	1,033

RAILROAD PROTECTIVE
LIABILITY INSURANCE

LOCATION	L. SUM
JOB SITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE A

LOCATION	CAL. MO.
JOB SITE	6
TOTAL	6

MOBILIZATION

LOCATION	L. SUM
JOB SITE	1
TOTAL	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF
QUANTITIES

SCALE: NONE
DATE: 7/07

DRAWN BY: SGL
CHECKED BY: FML

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC CONTROL

LOCATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATOR TEMPORARY FULLY REDIRECTIVE NARROW, TL3	IMPACT ATTENUATOR, RELOCATE FULLY REDIRECTIVE TEST LEVEL 3	TRAFFIC CONTROL & PROTECTION STD. 701321 (SPECIAL)	TRAFFIC CONTROL & PROTECTION STD. 701326	TRAFFIC CONTROL & PROTECTION STD. 701306	TRAFFIC CONTROL & PROTECTION STD. BLR 21	WIDTH RESTRICTION SIGNING
STATION TO STATION	FOOT		EACH		L. SUM				
IL RTE 96 116+50 120+50	480	350							
IL RTE 96 STA. 116+30 STA. 120+75			1	1					
APPLE RIVER RD. 10+80.79 17+42.42								1	
114+00 123+00					1	1	1		1
TOTAL	480	350	2	2	1	1	1	1	1

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	EACH
IL-96	
STA. 122+90	1
STA. 122+10	1
STA. 121+30	1
STA. 120+50	1
STA. 119+70	1
STA. 118+90	1
STA. 118+10	1
STA. 117+30	1
STA. 116+50	1
STA. 115+70	1
STA. 114+90	1
STA. 114+10	1
TOTAL	12

WORK ZONE

LOCATION	TRAFFIC CONTROL SURVEILLANCE	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY RAMP	TEMPORARY BRIDGE TRAFFIC SIGNALS
STATION TO STATION	CAL DA.	SO. FT.	SO. YD.	EACH
IL RTE 96 114+00 123+00	5			
STAGE III REMOVAL		94		
IL RTE 96 114+00 TO 114+05 122+95 TO 123+00			12.2 12.2	
APPLE RIVER RD. 17+36.3 TO 17+42.42			15.0	
STAGES I & II & III				1
TOTAL	5	94	39.4	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	EACH
IL RTE 96 STA. 114+00 TO STA. 123+00	12
TOTAL	12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 7/07

DRAWN BY: SGL
CHECKED BY: FML

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAINT PAVEMENT MARKING - LINE 5''

LOCATION	WHITE	YELLOW
	FOOT	FOOT
IL RTE 96 STA. 114+00 TO STA. 123+00	1,403.4	225
APPLE RIVER RD. STA. 10+81 TO STA 17+42	1,422.8	1,078
TOTAL	2,827	1,303

TEMPORARY PAVEMENT MARKING - LINE 5''

LOCATION	WHITE	YELLOW
	FOOT	FOOT
IL RTE 96 STA. 114+00 TO STA. 123+00	1,403.4	225
APPLE RIVER RD. STA. 10+81 TO STA 17+42	1,422.8	1,078
TOTAL	2,827	1,303

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B

LOCATION	LINE - 24''	LETTERS & SYMBOLS
	FOOT	SQ. FT.
APPLE RIVER RD. STA. 14+59.70 STA. 15+86.50 STA. 16+40 TO STA. 16+90	29 27.5	109
TOTAL	57	109

SIGN PANEL - TYPE I

LOCATION	SQ. FT.
IL-96 STA. 110+00 W10-3 (30''X30'')	6.25
STA. 125+00 W10-3 (30''X30'')	6.25
APPLE RIVER RD. STA. 7+00 W1-4L (30'' X 30'')	6.25
STA. 14+30 R1-1 (36'' X 36'')	9.0
STA. 14+30 R1-I100 (30'' X 18'')	3.75
STA. 16+00 R1-1 (36'' X 36'')	9.0
STA. 16+00 R1-I100 (30'' X 18'')	3.75
STA. 16+40 W10-1 (36'')	7.1
TOTAL	51.4

TELESCOPING STEEL SIGN SUPPORT

LOCATION	FOOT
IL-96 STA. 110+00 W10-3 (30''X30'')	14.33
STA. 125+00 W10-3 (30''X30'')	14.33
APPLE RIVER RD. STA. 7+00 W1-4L (30'' X 30'')	14.33
STA. 14+30 R1-1 (36'' X 36'')	15.83
STA. 14+30 R1-I100 (30'' X 18'')	15.83
STA. 16+00 R1-1 (36'' X 36'')	15.83
STA. 16+00 R1-I100 (30'' X 18'')	15.83
STA. 16+40 W10-1 (36'')	11.83
TOTAL	86.5

SHORT TERM PAVEMENT MARKING

LOCATION	5'' YELLOW
	FOOT
IL RTE 96 STAGE III 1 APPLICATION ON LEVEL BINDER ☉ SKIP DASH STA. 114+00 TO STA. 123+00	225
STAGE III 1 APPLICATION ON HMA SURFACE ☉ SKIP DASH STA. 114+00 TO STA. 123+00	225
TOTAL	450

REVISIONS	
NAME	DATE

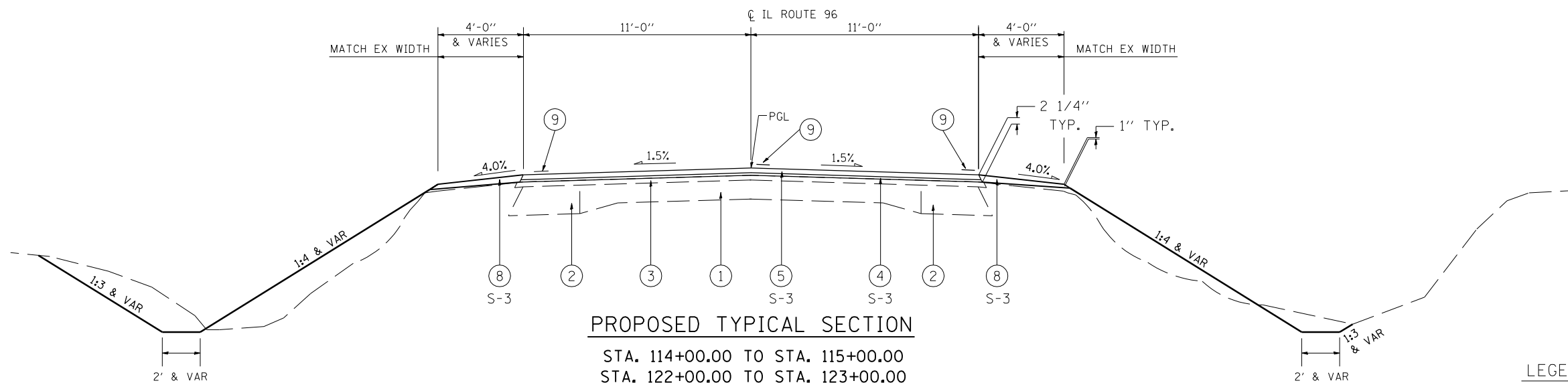
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 7/07

DRAWN BY: SGL
CHECKED BY: FML

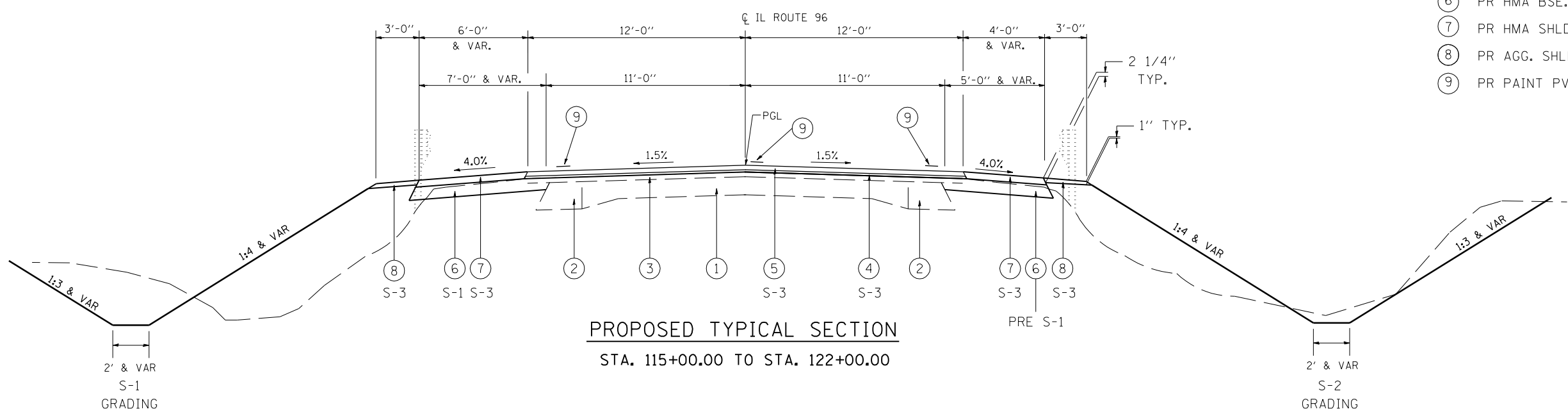
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113/B-3	HANCOCK	48	15
STA. 114+00		TO STA. 123+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION
 STA. 114+00.00 TO STA. 115+00.00
 STA. 122+00.00 TO STA. 123+00.00

LEGEND

- ① EX P.C.C. PAVEMENT, 9" - 6" - 9"
- ② EX BASE COURSE WIDENING, 9"
- ③ EX BIT. CONC. SURFACE, 2 3/4"
- ④ PR LEV. BIND. (MM), N50, 3/4"
- ⑤ PR HMA SURF. CSE, MIX "C", N50, 1 1/2"
- ⑥ PR HMA BSE. CSE./WID. 10"
- ⑦ PR HMA SHLD., 2 1/4"
- ⑧ PR AGG. SHLD., TYPE B
- ⑨ PR PAINT PVT. MK. - LINE 5"



PROPOSED TYPICAL SECTION
 STA. 115+00.00 TO STA. 122+00.00

REVISIONS	
NAME	DATE

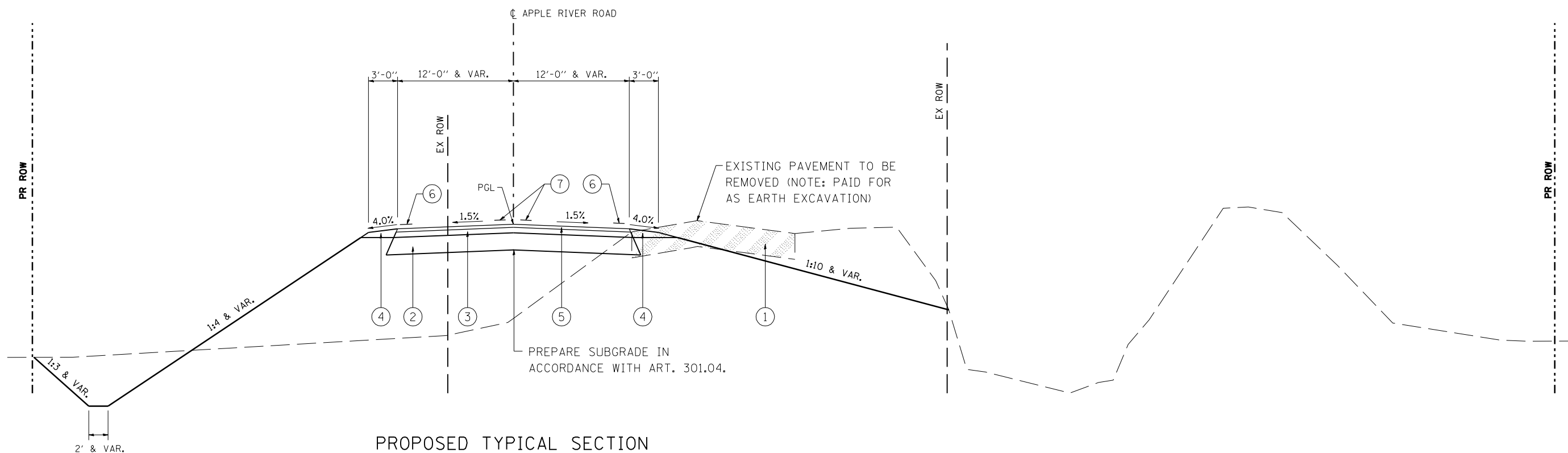
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 IL ROUTE 96
 HANCOCK COUNTY

SCALE: NONE
 DATE: 07/2007

DRAWN BY: SGL
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 USER NAME = laughlinr1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	16
STA. 10+80.79		TO STA. 17+42.42		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION
STA. 10+80.79 TO STA. 17+42.42

LEGEND

- ① EXISTING PAVEMENT (O&C SURFACE ON AGG. BASE)
- ② PR AGG. BSE. CSE., TYPE A, 8"
- ③ PR HMA BIND. CSE., N50, 2 1/2"
- ④ PR AGG. SHLD., TYPE B, 4"
- ⑤ PR HMA SURF. CSE, MIX "C", N50, 1 1/2"
- ⑥ PR PAINT PVT. MK. - LINE 5" (SOLID WHITE)
- ⑦ PR PAINT PVT. MK. - LINE 5" (SOLID DOUBLE YELLOW)

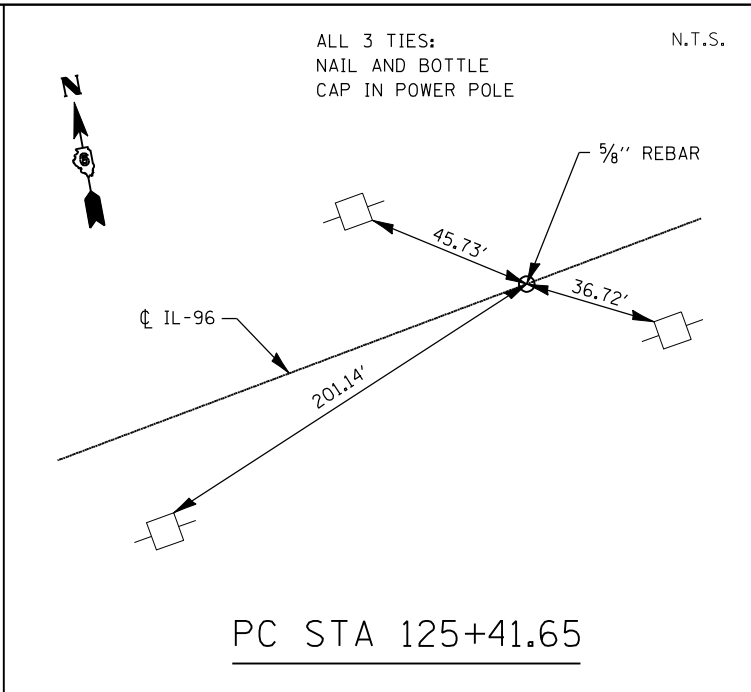
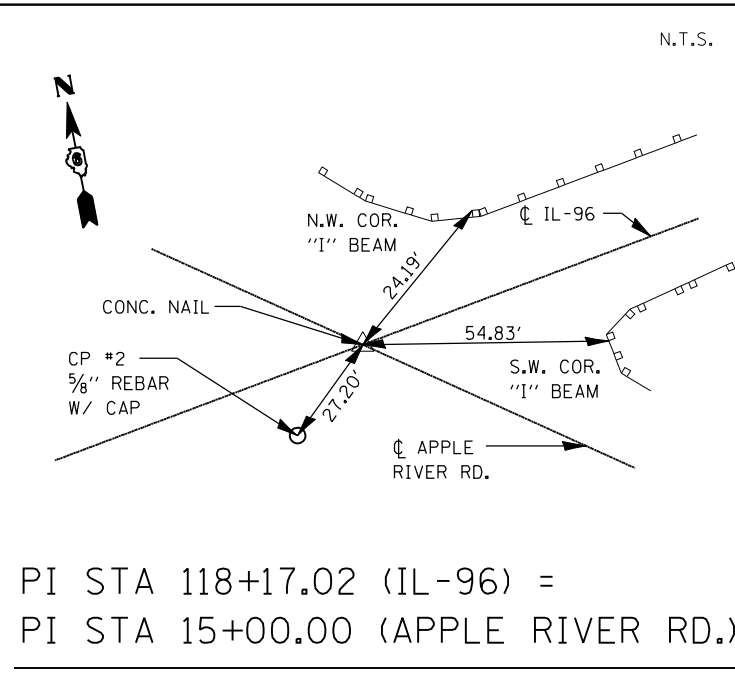
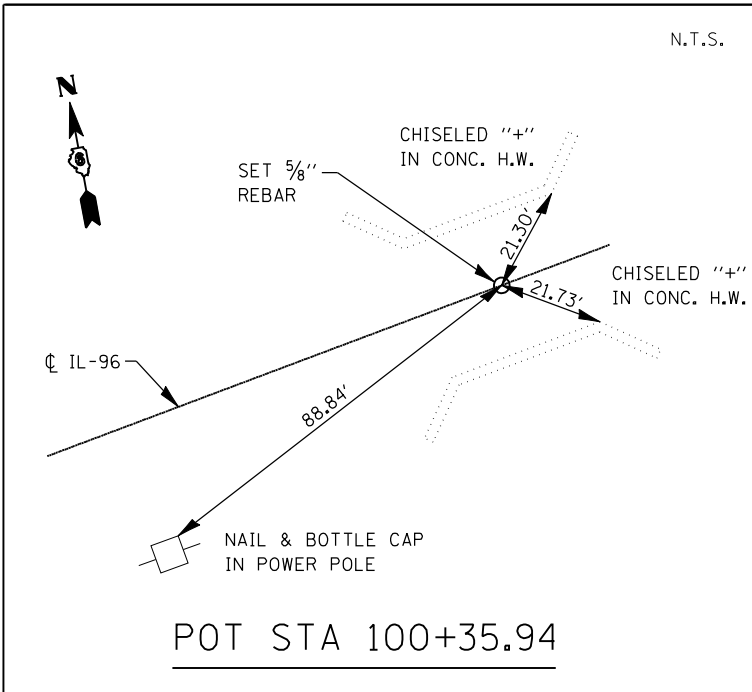
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTION
APPLE RIVER ROAD
HANCOCK COUNTY

SCALE: NONE
DATE: 07/2007
DRAWN BY: SGL
CHECKED BY: FML

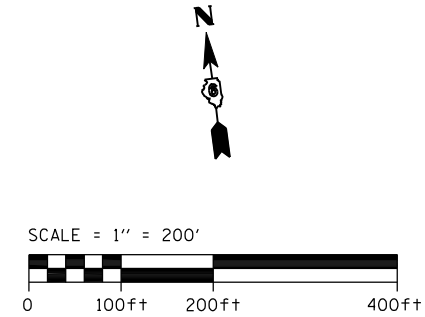
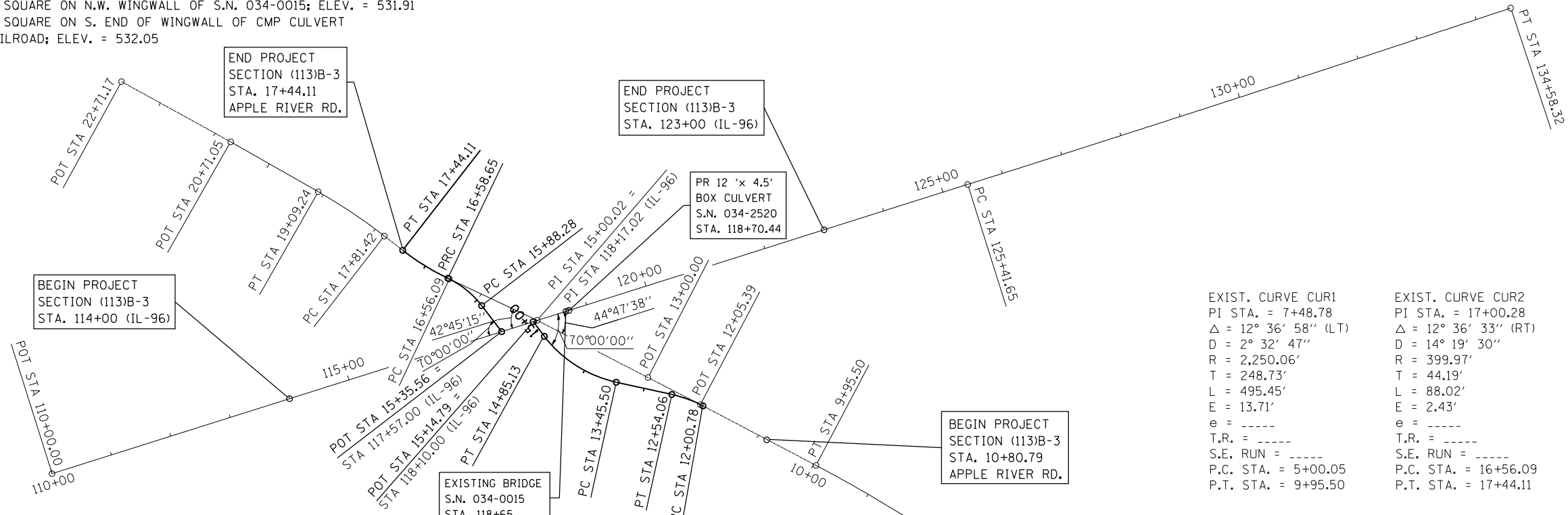
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USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	17
STA. 114+00 (IL-96) TO STA. 123+00 (IL-96)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



BENCHMARKS:

1. NGS; BRASS DISC "B33-1934"; ELEV. = 533.34
2. CHISELED SQUARE ON N.W. WINGWALL OF S.N. 034-0015; ELEV. = 531.91
3. CHISELED SQUARE ON S. END OF WINGWALL OF CMP CULVERT UNDER RAILROAD; ELEV. = 532.05



<p>PROP. CURVE 30001 PI STA. = 12+27.58 Δ = 15° 15' 51" (LT) D = 28° 38' 52" R = 200.00' T = 26.80' L = 53.28' E = 1.79' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 12+00.78 P.T. STA. = 12+54.06</p>	<p>PROP. CURVE 30002 PI STA. = 14+18.30 Δ = 40° 00' 04" (RT) D = 28° 38' 52" R = 200.00' T = 72.80' L = 139.63' E = 12.84' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 13+45.50 P.T. STA. = 14+85.13</p>	<p>PROP. CURVE C4 PI STA. = 16+24.13 Δ = 26° 52' 47" (LT) D = 38° 11' 50" R = 150.00' T = 35.85' L = 70.37' E = 4.22' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 15+88.28 P.T. STA. = 16+58.65</p>	<p>PROP. CURVE C3 PI STA. = 17+01.55 Δ = 12° 14' 29" (RT) D = 14° 19' 26" R = 400.00' T = 42.89' L = 85.46' E = 2.29' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 16+58.65 P.T. STA. = 17+44.11</p>
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<p>EXIST. CURVE CUR1 PI STA. = 7+48.78 Δ = 12° 36' 58" (LT) D = 2° 32' 47" R = 2,250.06' T = 248.73' L = 495.45' E = 13.71' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 5+00.05 P.T. STA. = 9+95.50</p>	<p>EXIST. CURVE CUR2 PI STA. = 17+00.28 Δ = 12° 36' 33" (RT) D = 14° 19' 30" R = 399.97' T = 44.19' L = 88.02' E = 2.43' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 16+56.09 P.T. STA. = 17+44.11</p>	<p>EXIST. CURVE CUR3 PI STA. = 18+45.44 Δ = 8° 08' 17" (LT) D = 6° 22' 01" R = 899.91' T = 64.02' L = 127.82' E = 2.27' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 17+81.42 P.T. STA. = 19+09.24</p>	<p>EXIST. CURVE AI PI STA. = 129+99.99 Δ = 0° 55' 00" (LT) D = 0° 06' 00" R = 57,295.78' T = 458.34' L = 916.67' E = 1.83' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 125+41.65 P.T. STA. = 134+58.32</p>
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL ALIGNMENT & LOCAL TIES
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

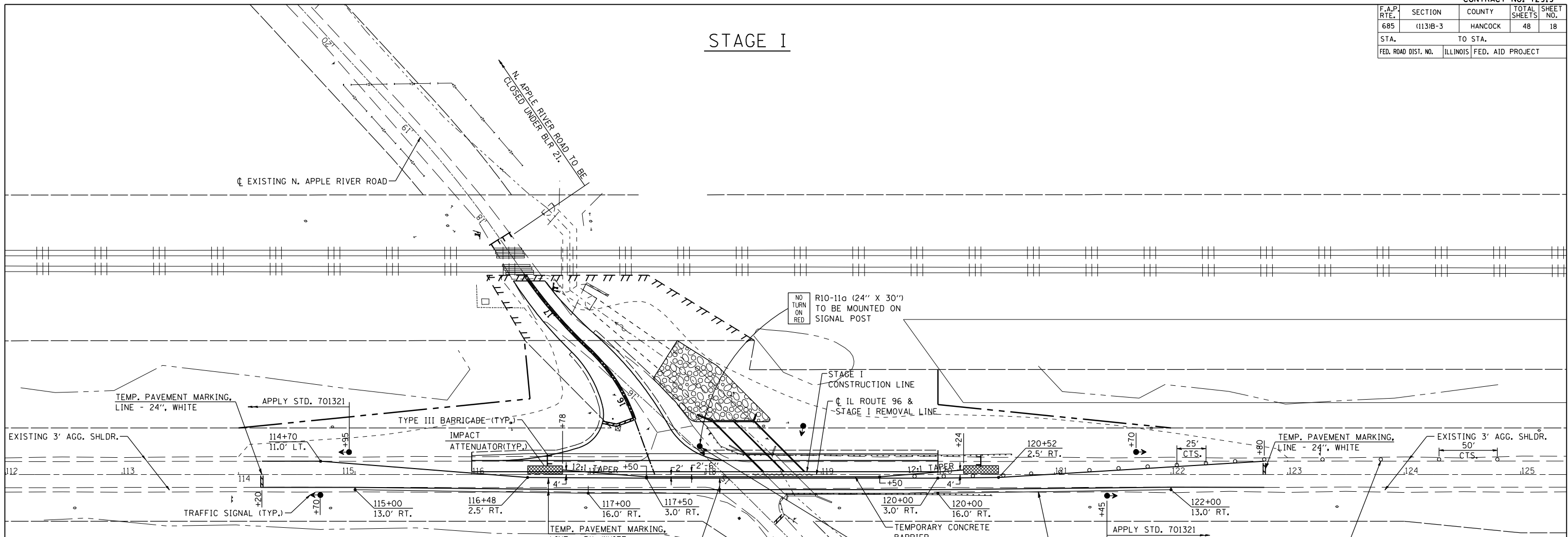
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 USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STAGE I



GENERAL NOTES:

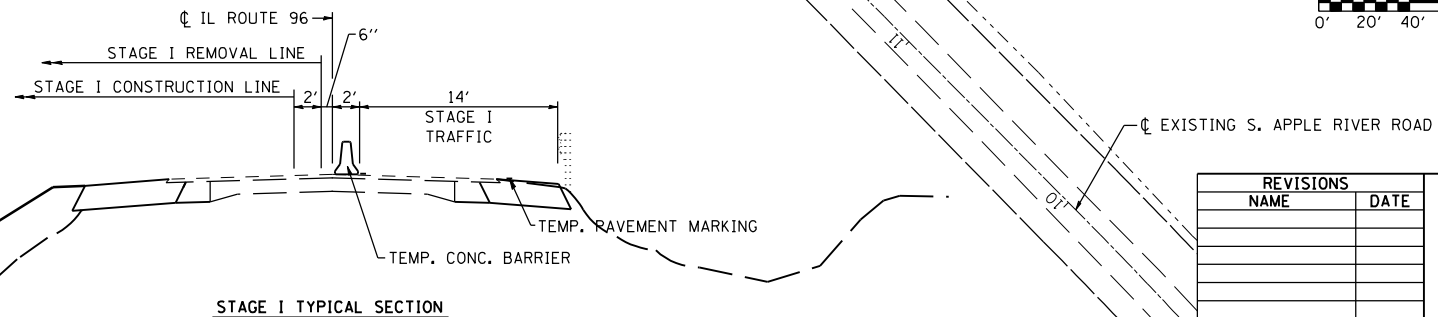
1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701321, AS SHOWN AND AS DIRECTED BY THE ENGINEER.
2. UNLESS OTHERWISE INDICATED, SIGNAL, STOP BAR, RUMBLE STRIP, LOOP DETECTOR AND ADVANCE SIGN LOCATIONS TO REMAIN IN PLACE THROUGHOUT DURATION OF STAGES I & II.
3. TEMPORARY CONCRETE BARRIER, IMPACT ATTENUATORS, AND TEMPORARY SIGNAL HEADS SHALL BE ADJUSTED IN THE FIELD TO AVOID OBSTRUCTION WITH CONSTRUCTION OPERATIONS.
4. TEMP. PAVEMENT MARKING AND ITS REMOVAL FOR STAGE 2 TRAFFIC IS PART OF TC&P 701321 (SPL.) PAY ITEM.

PRE-STAGE I CONSTRUCTION:

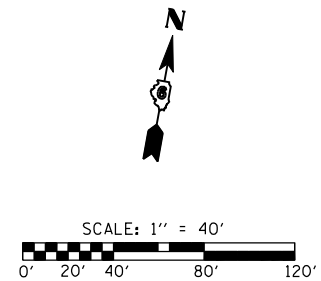
1. REMOVE AGG. SHOULDER AND WIDEN IL RTE 96 PAVEMENT ON THE SOUTH SIDE AS SHOWN IN ACCORDANCE WITH STANDARD 701326-02.

STAGE I CONSTRUCTION:

1. CLOSE NORTH PORTION OF IL RTE 96 (WB LANES) AS SHOWN IN ACCORDANCE WITH STANDARD 701321.
2. CLOSE NORTH PORTION OF APPLE RIVER ROAD IN ACCORDANCE WITH STANDARD BLR 21.
3. REMOVE NORTH PORTION OF EXISTING BRIDGE, BRIDGE APPROACH PAVEMENT, SHOULDER, AND PORTIONS OF PAVEMENT AS SHOWN.
4. CONSTRUCT NORTH HALF OF PROPOSED CULVERT, PAVEMENT, AND SHOULDER.
5. COMPLETE ALL GRADING, RIPRAP, AND SEEDING LEFT OF IL-96 CENTERLINE.
6. CONSTRUCT N. APPLE RIVER ROAD AGGREGATE BASE COURSE, GRADING, RIPRAP, AND SEEDING.



STAGE I TYPICAL SECTION



REVISIONS	
NAME	DATE

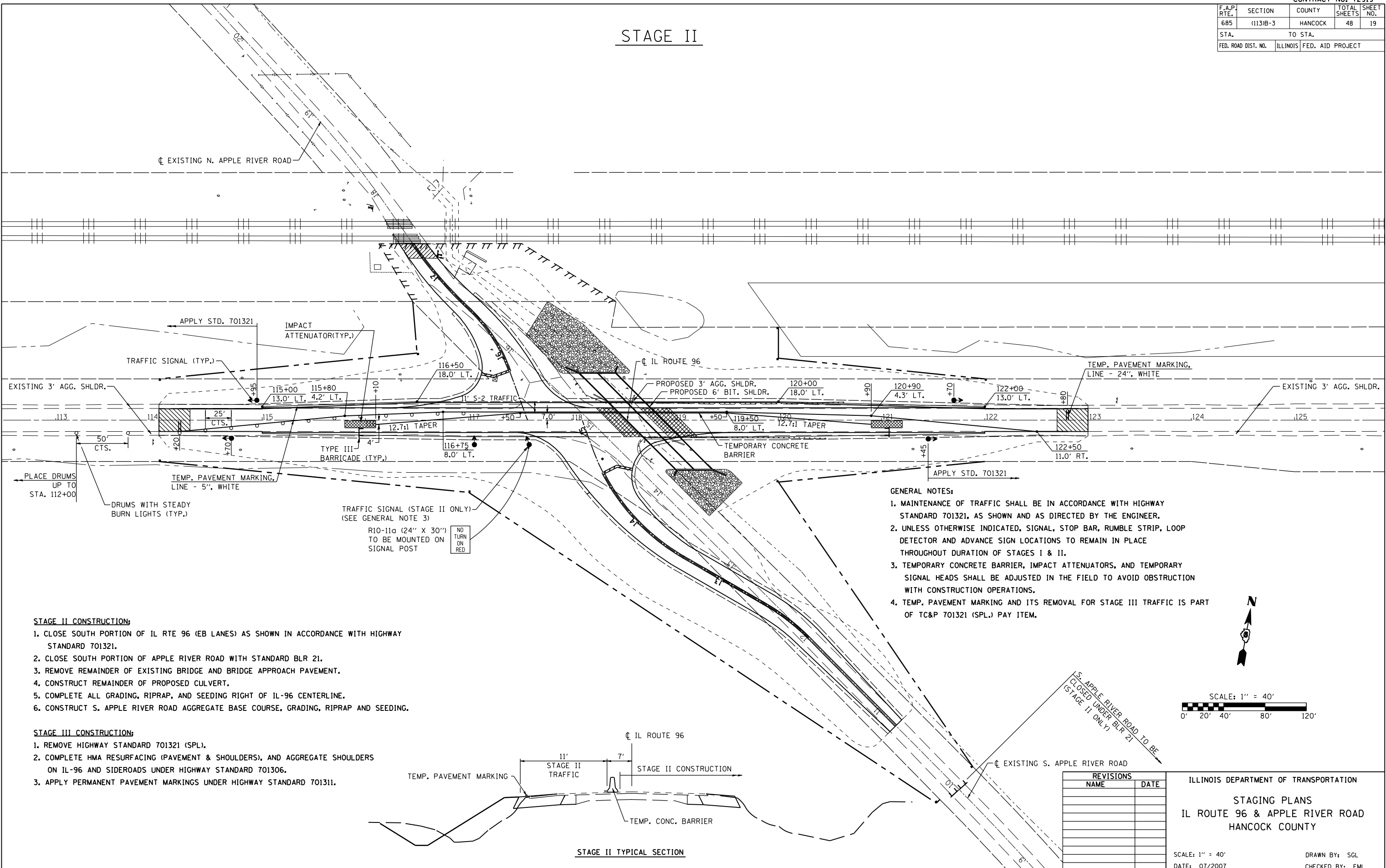
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGING PLANS
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY

SCALE: 1" = 40'
 DATE: 07/2007
 DRAWN BY: SGL
 CHECKED BY: FML

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 USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

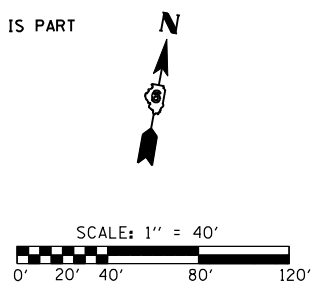
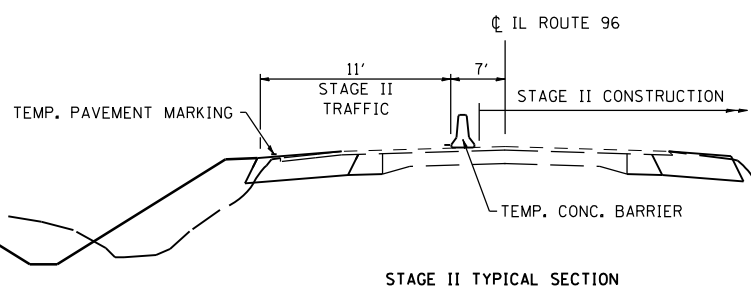
STAGE II



- GENERAL NOTES:**
1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701321, AS SHOWN AND AS DIRECTED BY THE ENGINEER.
 2. UNLESS OTHERWISE INDICATED, SIGNAL, STOP BAR, RUMBLE STRIP, LOOP DETECTOR AND ADVANCE SIGN LOCATIONS TO REMAIN IN PLACE THROUGHOUT DURATION OF STAGES I & II.
 3. TEMPORARY CONCRETE BARRIER, IMPACT ATTENUATORS, AND TEMPORARY SIGNAL HEADS SHALL BE ADJUSTED IN THE FIELD TO AVOID OBSTRUCTION WITH CONSTRUCTION OPERATIONS.
 4. TEMP. PAVEMENT MARKING AND ITS REMOVAL FOR STAGE III TRAFFIC IS PART OF TC&P 701321 (SPL.) PAY ITEM.

- STAGE II CONSTRUCTION:**
1. CLOSE SOUTH PORTION OF IL RTE 96 (EB LANES) AS SHOWN IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
 2. CLOSE SOUTH PORTION OF APPLE RIVER ROAD WITH STANDARD BLR 21.
 3. REMOVE REMAINDER OF EXISTING BRIDGE AND BRIDGE APPROACH PAVEMENT.
 4. CONSTRUCT REMAINDER OF PROPOSED CULVERT.
 5. COMPLETE ALL GRADING, RIPRAP, AND SEEDING RIGHT OF IL-96 CENTERLINE.
 6. CONSTRUCT S. APPLE RIVER ROAD AGGREGATE BASE COURSE, GRADING, RIPRAP AND SEEDING.

- STAGE III CONSTRUCTION:**
1. REMOVE HIGHWAY STANDARD 701321 (SPL).
 2. COMPLETE HMA RESURFACING (PAVEMENT & SHOULDERS), AND AGGREGATE SHOULDERS ON IL-96 AND SIDEROADS UNDER HIGHWAY STANDARD 701306.
 3. APPLY PERMANENT PAVEMENT MARKINGS UNDER HIGHWAY STANDARD 701311.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 STAGING PLANS
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY

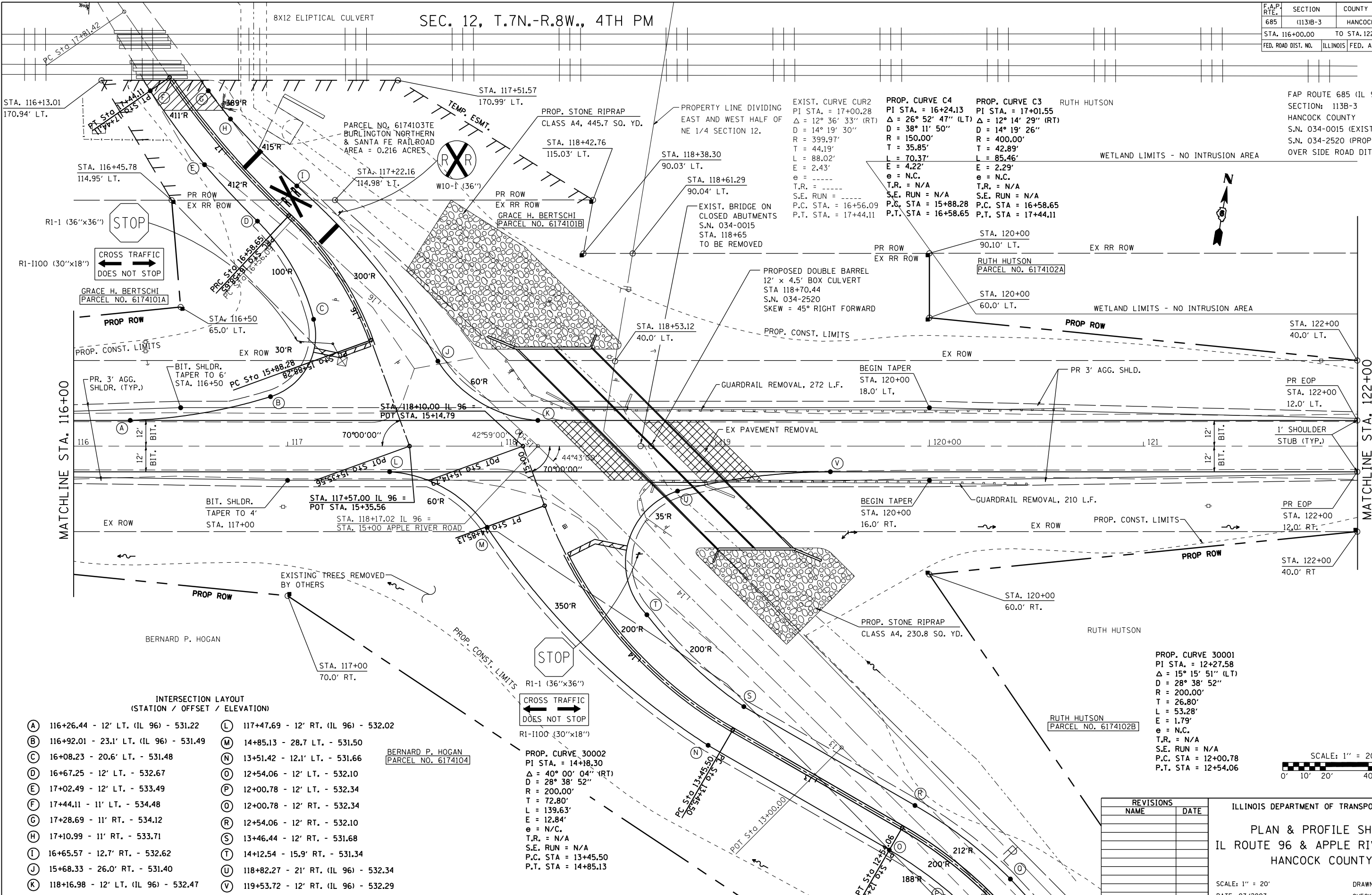
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STA. 116+00.00 TO STA. 122+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEC. 12, T.7N.-R.8W., 4TH PM

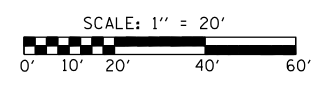


INTERSECTION LAYOUT (STATION / OFFSET / ELEVATION)

(A) 116+26.44 - 12' LT. (IL 96) - 531.22	(L) 117+47.69 - 12' RT. (IL 96) - 532.02
(B) 116+92.01 - 23.1' LT. (IL 96) - 531.49	(M) 14+85.13 - 28.7 LT. - 531.50
(C) 16+08.23 - 20.6' LT. - 531.48	(N) 13+51.42 - 12.1' LT. - 531.66
(D) 16+67.25 - 12' LT. - 532.67	(O) 12+54.06 - 12' LT. - 532.10
(E) 17+02.49 - 12' LT. - 533.49	(P) 12+00.78 - 12' LT. - 532.34
(F) 17+44.11 - 11' LT. - 534.48	(Q) 12+00.78 - 12' RT. - 532.34
(G) 17+28.69 - 11' RT. - 534.12	(R) 12+54.06 - 12' RT. - 532.10
(H) 17+10.99 - 11' RT. - 533.71	(S) 13+46.44 - 12' RT. - 531.68
(I) 16+65.57 - 12.7' RT. - 532.62	(T) 14+12.54 - 15.9' RT. - 531.34
(J) 15+68.33 - 26.0' RT. - 531.40	(U) 118+82.27 - 21' RT. (IL 96) - 532.34
(K) 118+16.98 - 12' LT. (IL 96) - 532.47	(V) 119+53.72 - 12' RT. (IL 96) - 532.29

PROP. CURVE 30002
 PI STA. = 14+18.30
 Δ = 40° 00' 04" (RT)
 D = 28° 38' 52"
 R = 200.00'
 T = 72.80'
 L = 139.63'
 E = 12.84'
 e = N/C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 13+45.50
 P.T. STA = 14+85.13

PROP. CURVE 30001
 PI STA. = 12+27.58
 Δ = 15° 15' 51" (LT)
 D = 28° 38' 52"
 R = 200.00'
 T = 26.80'
 L = 53.28'
 E = 1.79'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 12+00.78
 P.T. STA = 12+54.06



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN & PROFILE SHEET
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY
 SCALE: 1" = 20'
 DATE: 07/2007
 DRAWN BY: SGL
 CHECKED BY: FML

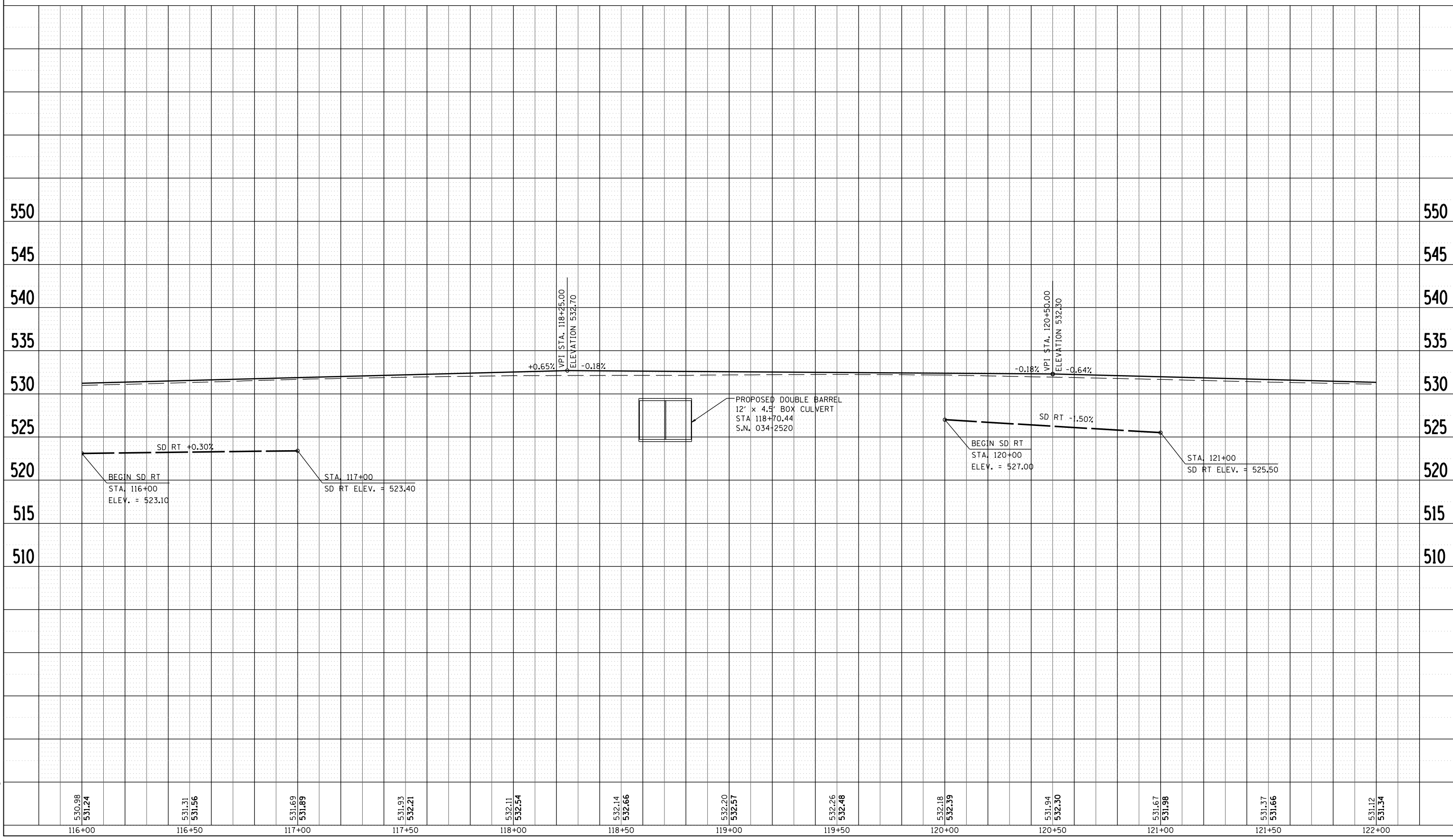
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STA. 116+00.00		TO STA. 122+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
BY		
NOTE BOOK NO.		
STRUCTURE NOTATION CHRD		

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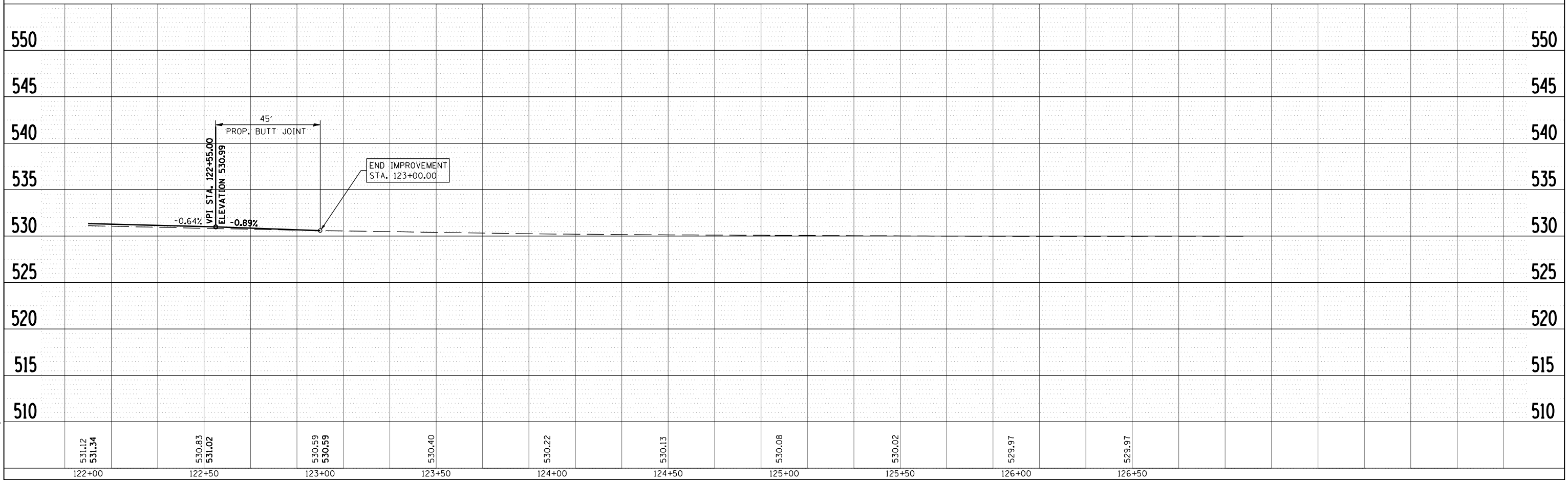
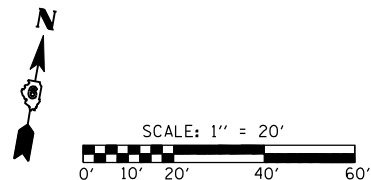
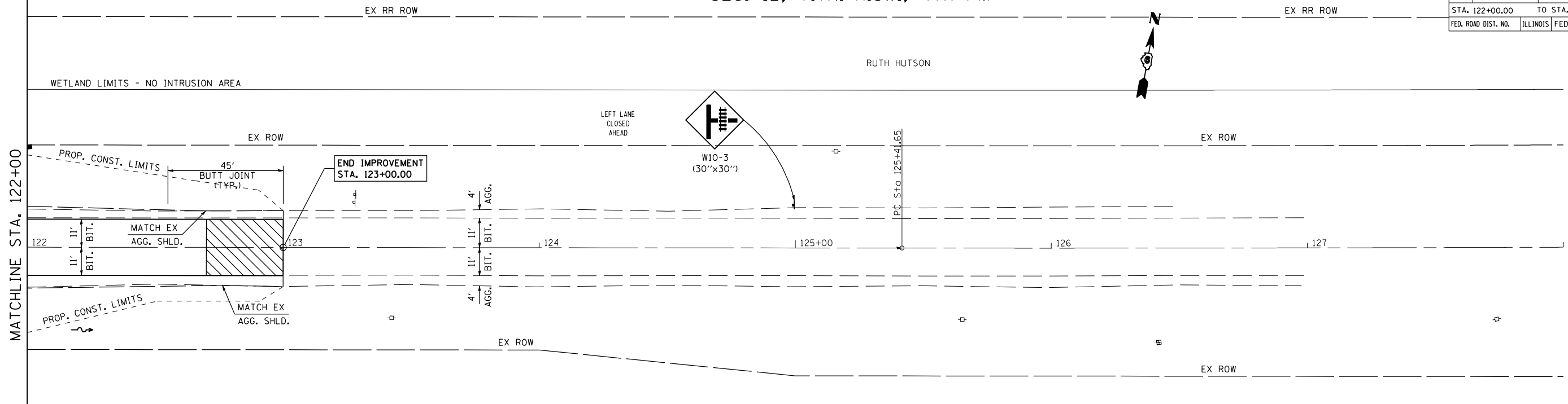
SEC. 12, T.7N.-R.8W., 4TH PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 122+00.00		TO STA. 123+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

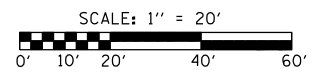
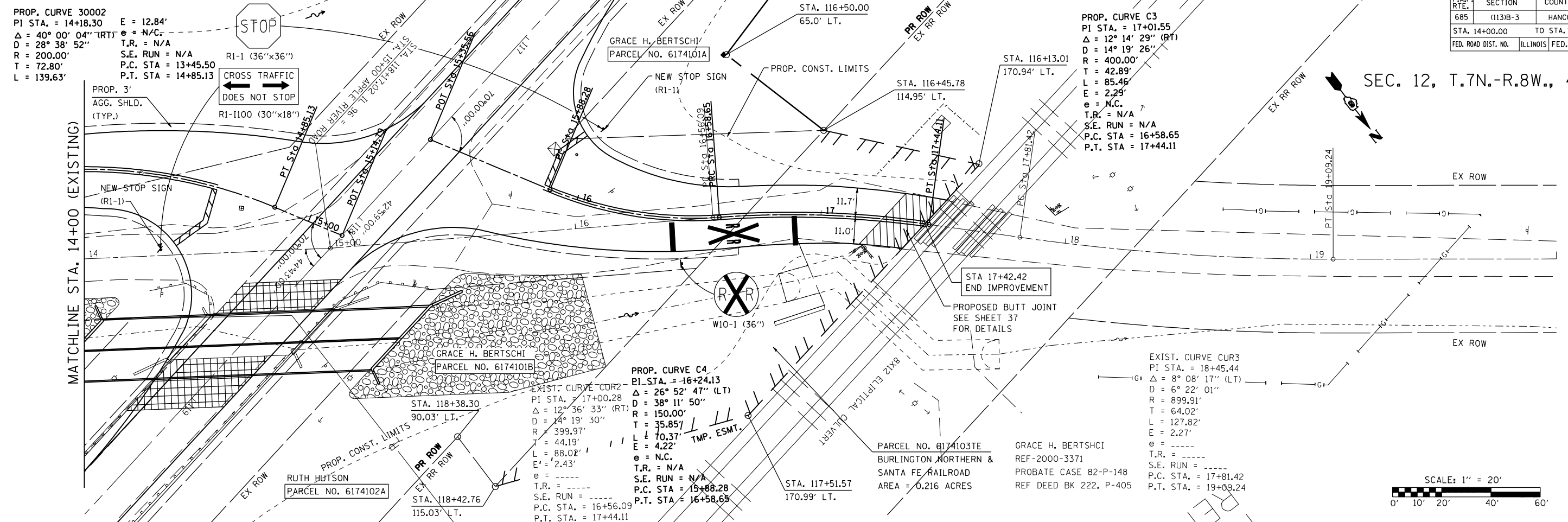
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	CHECKED		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHECKED		

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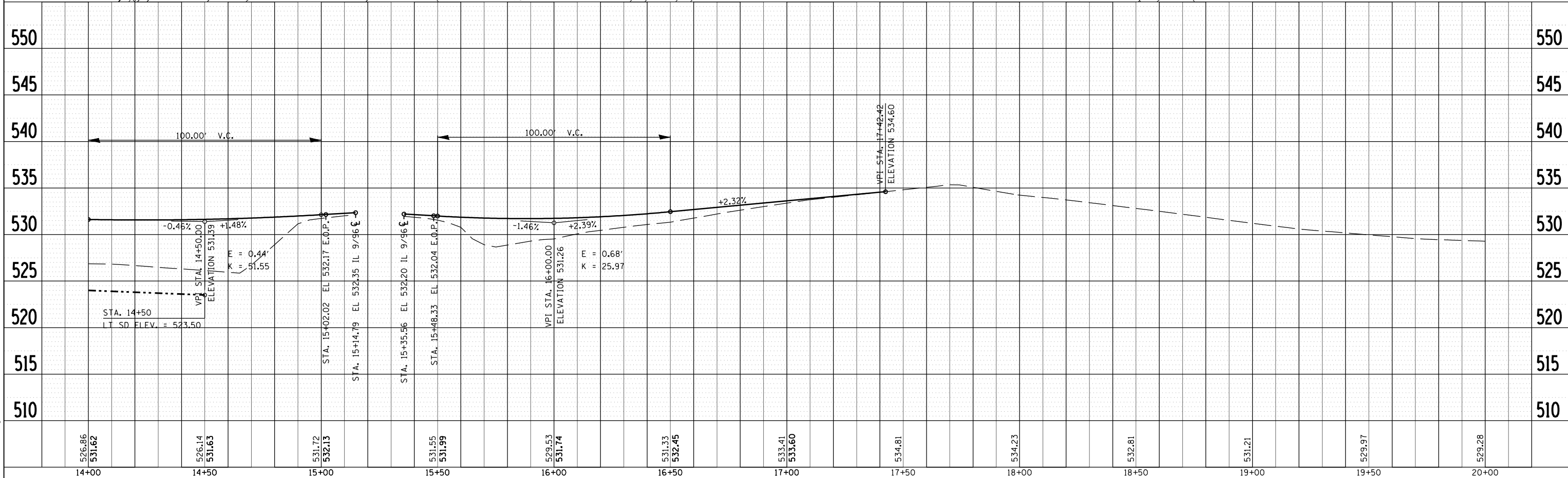
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STA. 14+00.00		TO STA. 17+42.42		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEC. 12, T.7N.-R.8W., 4TH PM



PLAN	DATE

PROFILE	DATE



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	1131B-3	HANCOCK	48	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STORM WATER POLLUTION PREVENTION PLAN

Route: F.A.P. ROUTE 685 (IL ROUTE 9 & 96) Marked: IL ROUTE 9 / IL ROUTE 96
 Section: 1131B-3 Project No.:
 County: HANCOCK Contract No.: 72919

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.

[Signature]
 (Signature) *wrb*

8/24/07
 (Date)

[Signature]
 (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.

The special provisions for Temporary Erosion Control Seeding additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, 2008 and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of 900' of resurfacing of IL Route 9/IL Route 96 and also reconstruction of Apple River Road on new alignment.
2. Construction consists of removal of existing S.N. 034-0015 over S.R. Ditch, to be replaced with S.N. 034-2520, and accompanying roadway, drainage, and earthwork.

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

1. No trees are anticipated to be removed at this time.
2. S.N. 034-0015 to be removed with channel grading to accommodate placement of the proposed structure.
3. Excavation will be performed along portions of the north side of roadway for roadside ditches and waterways.
3. Embankment will be completed to fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
4. Drainage structures will be installed before and/or during the construction of the excavation and embankment to maintain acceptable drainage.
5. Placement, maintenance, removal, and proper clean-up of temporary erosion control, such as perimeter erosion barrier, temporary ditch checks, temporary seeding, etc.
6. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, excelsior blanket, seeding, etc.
7. Final grading, clean up, and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 0.81 square miles in which 1.75 acres will be disturbed by excavation, grading and other activities.

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

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. S.R. Ditch

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STORM WATER POLLUTION PREVENTION PLAN IL ROUTE 96 & APPLE RIVER ROAD HANCOCK COUNTY
NAME	DATE	
		SCALE: NONE DRAWN BY: SGL DATE: 07/2007 CHECKED BY: FML

PLOT DATE = 08/24/07
 FILE NAME = SWPPLAN
 PLOT SCALE = AS SHOWN
 USER NAME = MJSB

SWPPLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	27
STA.		TO STA.		
FED. ROAD DIST. NO.		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 Control Seeding".

(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 Control Seeding".

(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 Control Seeding".

(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) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(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. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(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 temporary erosion control system. No 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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY

SCALE: NONE
 DATE: 07/2007

DRAWN BY: SGL
 CHECKED BY: FML

SWPPLAN

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685	(113)B-3	HANCOCK	48	28
STA.		TO STA.		
FED. ROAD DIST. NO.	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: FAP ROUTE 685 (IL 9/96) Marked: IL ROUTE 9/IL ROUTE 96
 Section: (113)B-3 Project No.: _____
 County: HANCOCK Contract No.: 72919

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.

Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 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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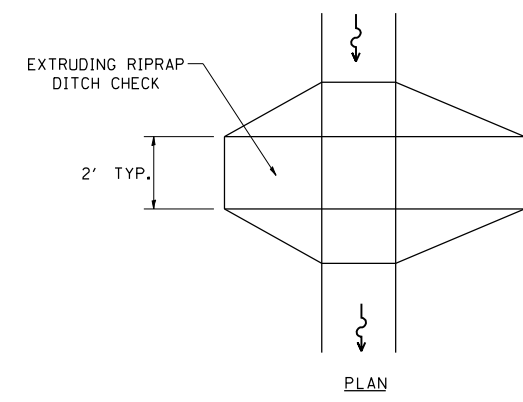
SWPLAN

REVISIONS	
NAME	DATE

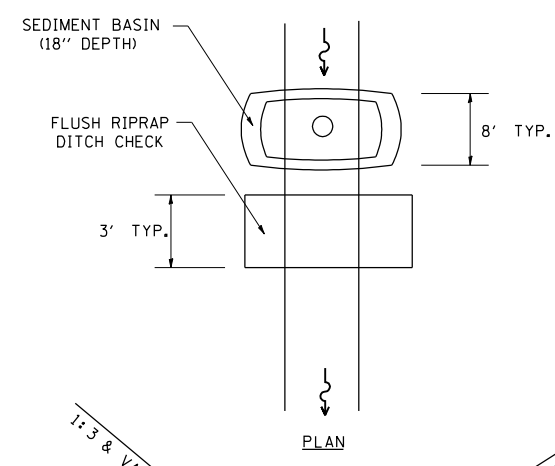
ILLINOIS DEPARTMENT OF TRANSPORTATION
 STORM WATER POLLUTION
 PREVENTION PLAN
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY

SCALE: NONE DRAWN BY: SGL
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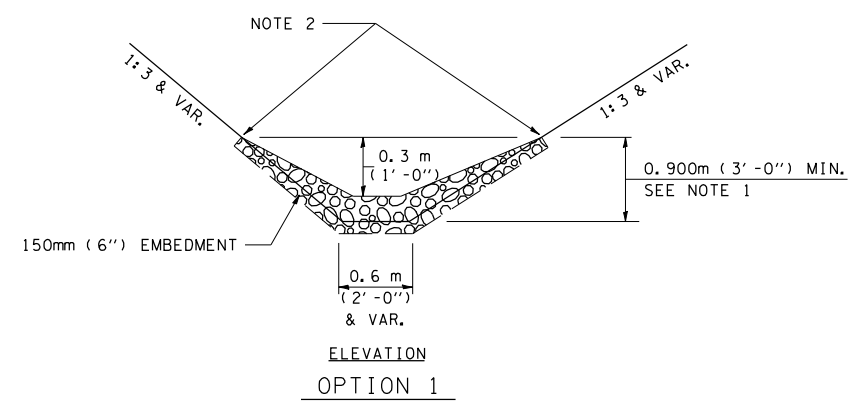
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN

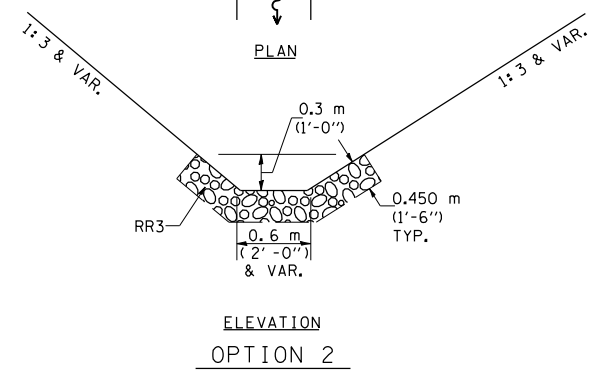


PLAN



ELEVATION

OPTION 1
(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



ELEVATION

OPTION 2
(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL & OPTIONS 1 & 2
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.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')]	
HEAVY DUTY EXCELSIOR BLANKET	
INLET PIPE PROTECTION (I&PP)	
PERIMETER EROSION BARRIER	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
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. The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.

PLOT DATE = Aug-23-2007 11:02:26AM
FILE NAME = c:\projects\65448A\In-Final\swppp.dgn
PLOT SCALE = 42,353.1 / IN.
USER NAME = laughlin-1

SWPPLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION
PREVENTION PLAN
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

SCALE: NONE
DATE: 07/2007

DRAWN BY: SGL
CHECKED BY: FML

Benchmark: Chiseled square on northwest wingwall of existing structure. Elev. 531.91

Existing Structure: S.N. 034-0015, built in 1928 under section 113-B, SBI 95, is a single span reinforced concrete slab bridge on closed abutments with top and bottom restrained. The bridge has an overall length of 25'-5" bk. to bk. abutments and out to out width of 36'-6". Structure to be completely replaced by a reinforced concrete double box culvert.

Traffic to be maintained utilizing stage construction. No Salvage.

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
 Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
 Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
 Backfill within the limits of the paved surface to the top of culvert elevation shall be performed according to the special provision for Granular Culvert Backfill.
 Precast culvert alternate is not allowed.

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO. 1
F.A.P. 685	113B-3	HANCOCK	48	31	6 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract #72919

INDEX OF SHEETS

1. General Plan
2. Stage Construction Details
3. Culvert Details
4. Bar Splicer Assembly Details
5. Temporary Concrete Barrier
6. Soil Borings

DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

FIELD UNITS

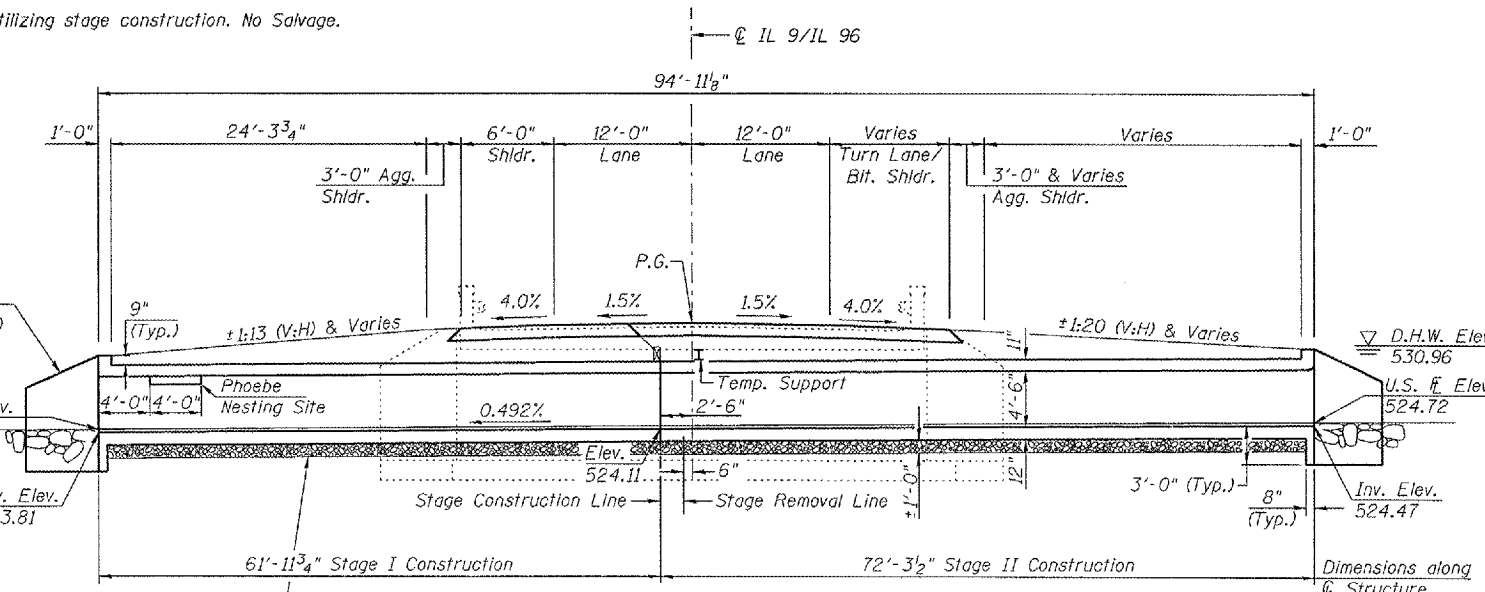
$f'c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

LOADING HS20-44

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Reinforcement Bars	Pound	99720
Bar Splicers	Each	137
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	293.5
Temporary Soil Retention System	Sq. Ft.	307
Granular Culvert Backfill	Cu. Yd.	224
Rock Fill-Foundation	Ton	185
Temporary Support System	L. Sum	1

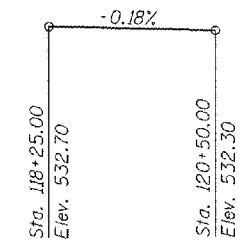


LONGITUDINAL SECTION
 (Dimensions at Rt. L's to CL 9/IL 96)
 (Looking East)

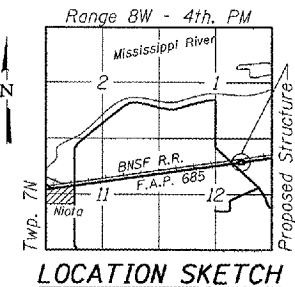
Removal and replacement of weak soils with Rock Fill-Foundation may be required beneath the culvert. The engineer will determine the required depth following excavation to plan grade. The Contractor shall brace the Rock Fill if required during excavation for stage II construction. Cost included with Rock Fill-Foundation.

STATION 118+70.44
 BUILT 20 BY
 STATE OF ILLINOIS
 F.A.P. RT. 685 SEC. 113B-3
 LOADING HS20-44
 STR. NO. 034-2520

NAME PLATE
 See Sid. 515001



PROFILE GRADE
 (Along CL 9/IL 96)



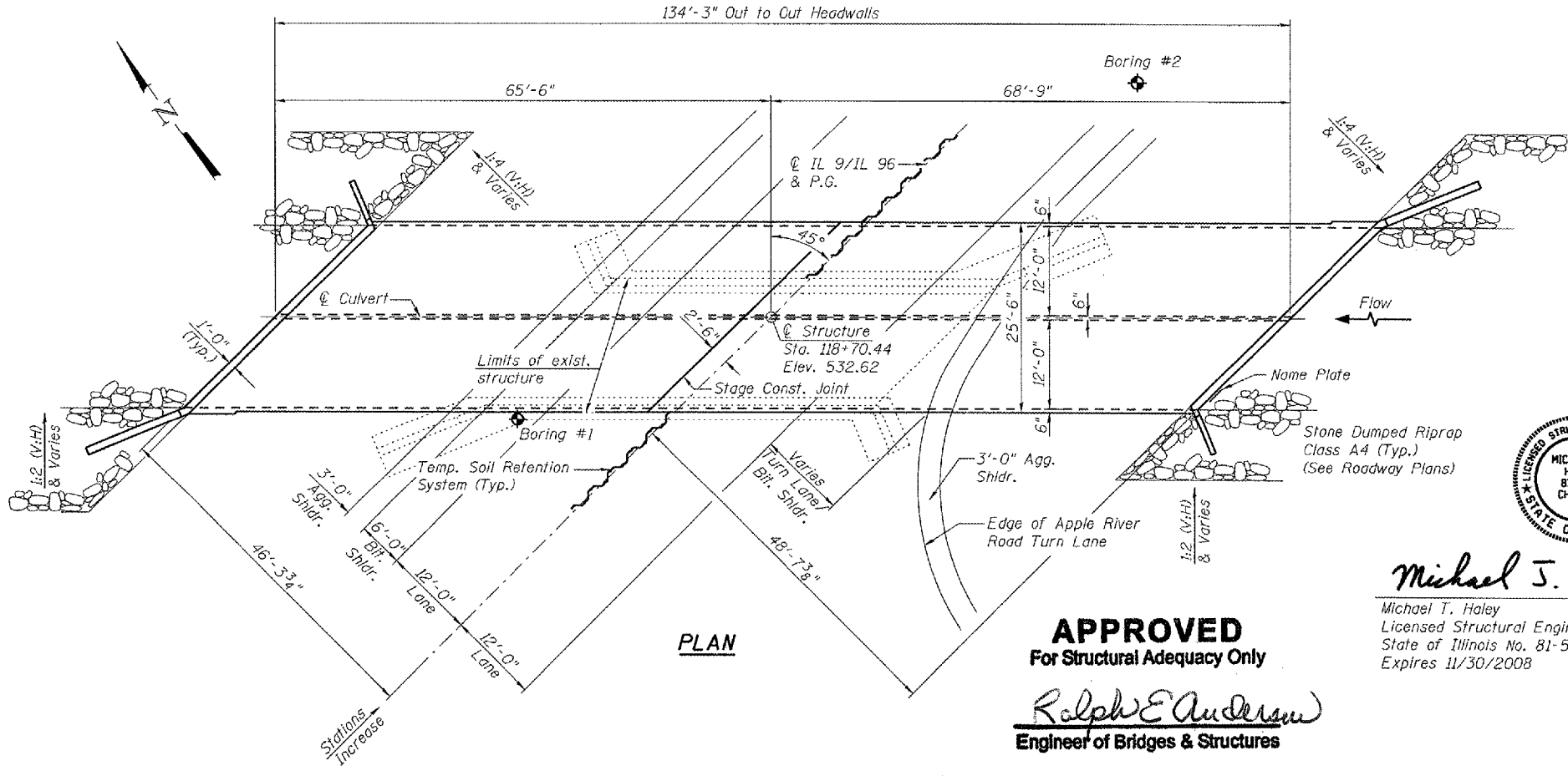
DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	D.S. End	U.S. End
	520.81	521.47

WATERWAY INFORMATION

Drainage Area = 0.80 sq. mi. Low Grade Elev. 527.30 @ Sta. 110+00.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. Exist. Prop.	Head - Ft. Exist. Prop.	Headwater El. Exist. Prop.
Design	30	928	92.21 108.0	530.96	3.44 3.23	534.40 534.19
Base	50	1083	92.21 108.0	531.56	3.88 3.76	535.44 535.32
Overtopping						
Max. Calc.	100	1269	92.21 108.0	532.60	3.74 3.37	536.34 535.97

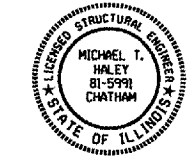


PLAN

APPROVED
 For Structural Adequacy Only

Ralph E. Anderson
 Engineer of Bridges & Structures

Michael J. Haley 8-21-2007
 Michael T. Haley
 Licensed Structural Engineer
 State of Illinois No. 81-5991
 Expires 11/30/2008



REVISIONS

NAME	DATE

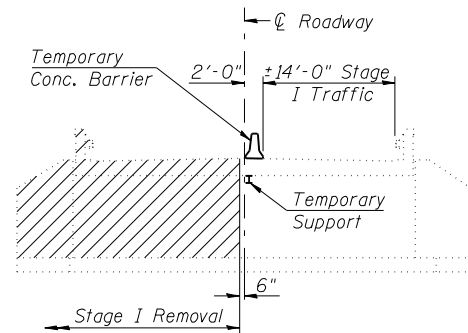
REVISIONS

NAME	DATE

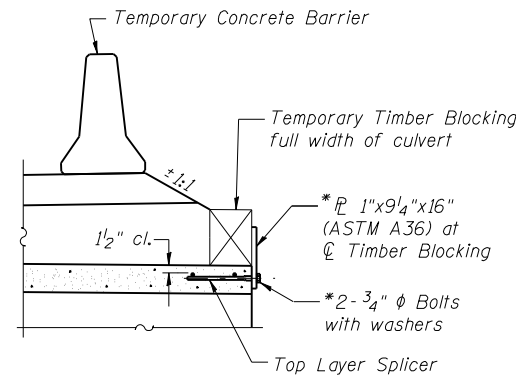
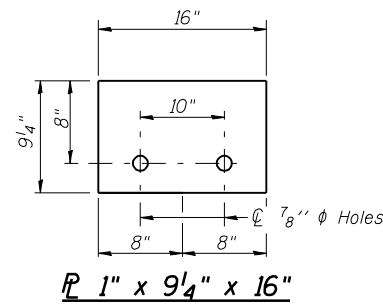
ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN
 IL ROUTE 9/IL ROUTE 96
 OVER SIDE ROAD DITCH
 F.A.P. ROUTE 685 - SECTION 113B-3
 HANCOCK COUNTY
 STA. 118+70.44
 STRUCTURE NO. 034-2520

8/21/2007 1:13:30 PM ...0216\Struct\Plans\034-2520.dgn

Contract #72919

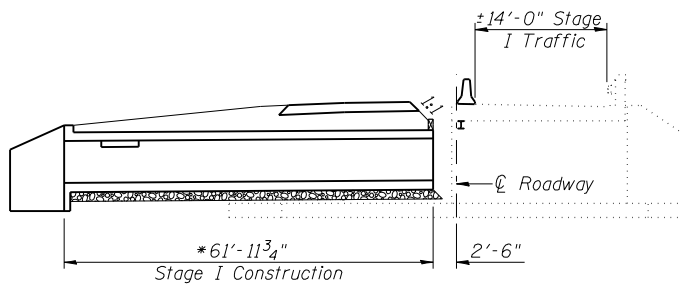


STAGE I REMOVAL

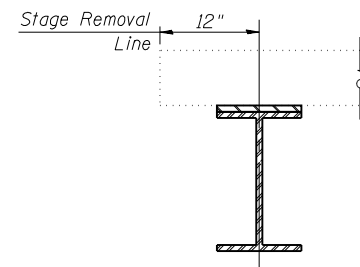


DETAIL A

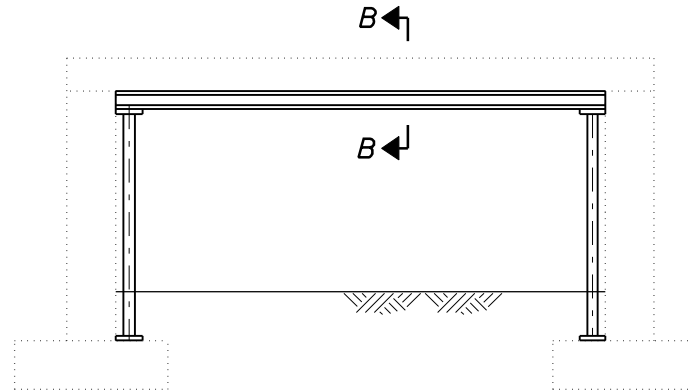
* Cost included with Concrete Box Culverts. Remove plate after Stage II construction of culvert sidewalls.



STAGE I CONSTRUCTION

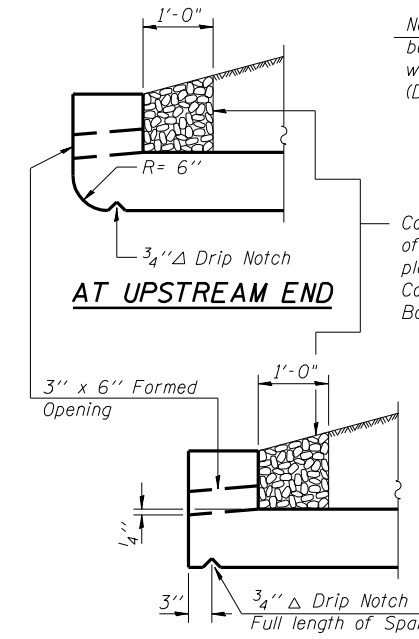


SECTION B-B



Notes:

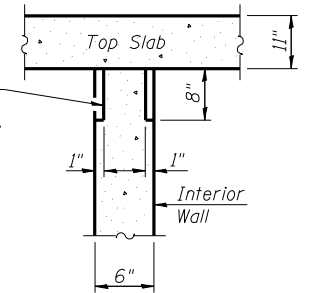
1. Place Temporary Support prior to Stage I Removal
2. Place Temporary Support along skew.
3. Temporary Support System shall not be painted.



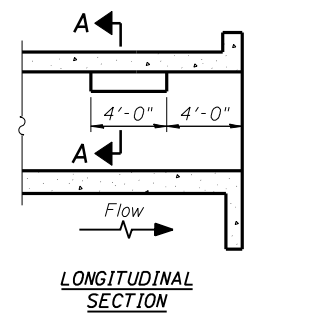
DRAIN DETAIL

Notch formed by rough finished board attached to and removed with formwork, each interior wall. (Do not chamfer).

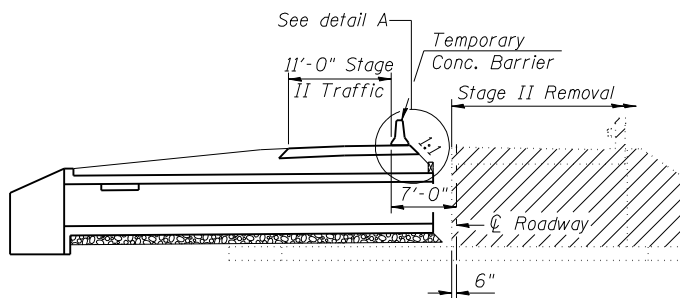
Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.



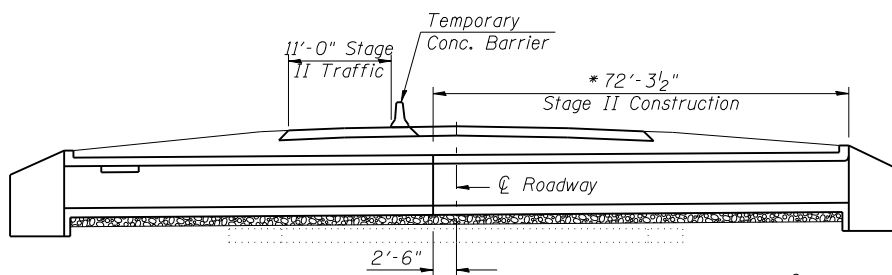
SECTION A-A



PHOEBE NESTING SITE DETAILS
(Downstream End Only)

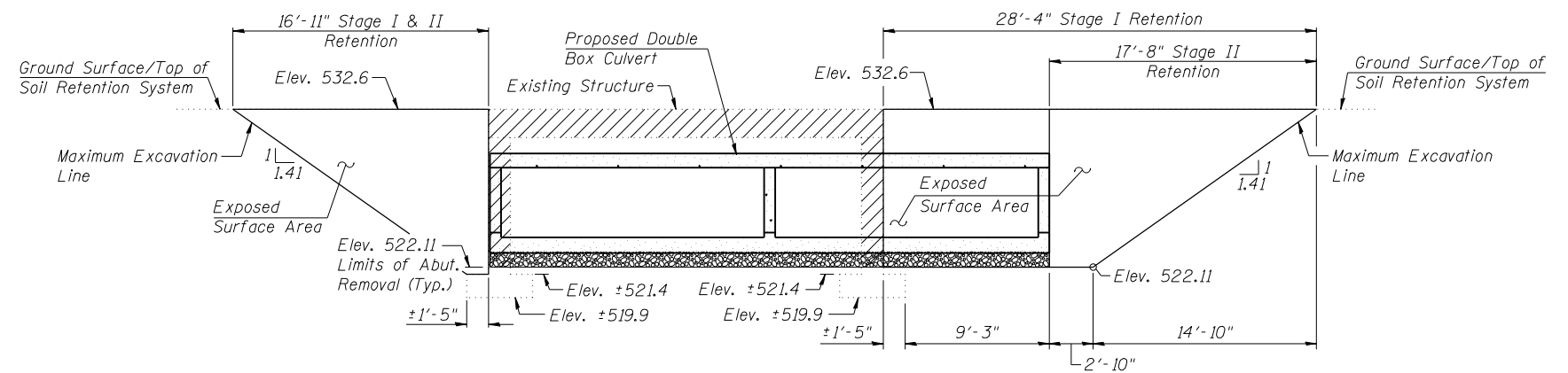


STAGE II REMOVAL



STAGE II CONSTRUCTION

* Along ϕ Culvert



ELEVATION - TEMPORARY SOIL RETENTION SYSTEM

(Looking North)

Notes:

1. Hatched area indicates Removal of Existing Structures.
2. All staging cross sections are looking east.
3. All dimensions are perpendicular to ϕ Roadway unless noted otherwise.
4. For details of Temporary Concrete Barrier for Stage I traffic over existing slab, see Sheet 5 of 6.
5. For quantity of Temporary Concrete Barrier, see Roadway Plans.

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.

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

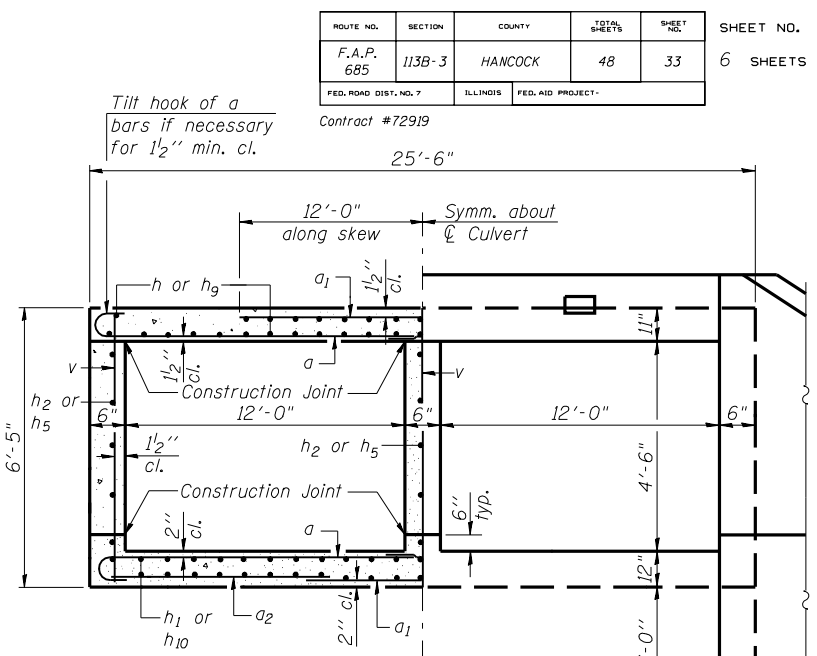
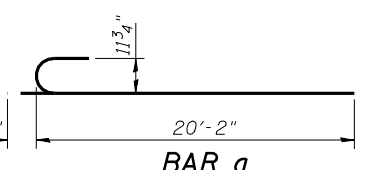
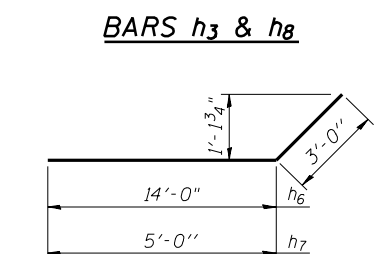
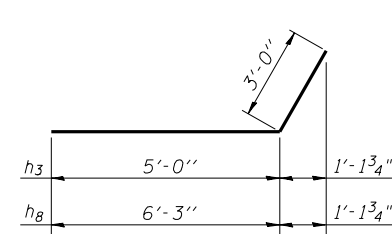
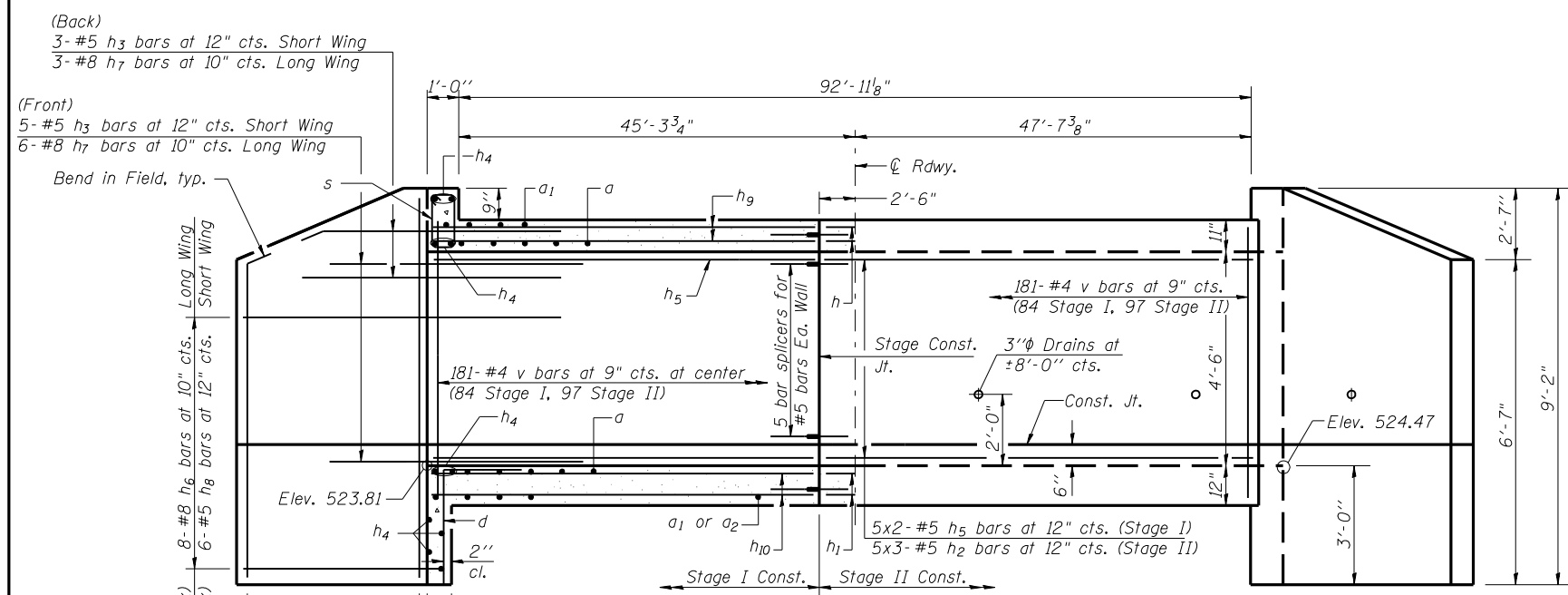
Designed By: JVR
Date: 08/2007

Checked By: DLS
File: 034-2520.DGN

Drawn By: AUF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION DETAILS
IL ROUTE 9/IL ROUTE 96
OVER SIDE ROAD DITCH
F.A.P. ROUTE 685 - SECTION 113B-3
HANCOCK COUNTY
STA. 118+70.44
STRUCTURE NO. 034-2520



HALF LONG SECTION
Showing bars in Center Wall
Dimensions are at right angles to \bar{C} Roadway

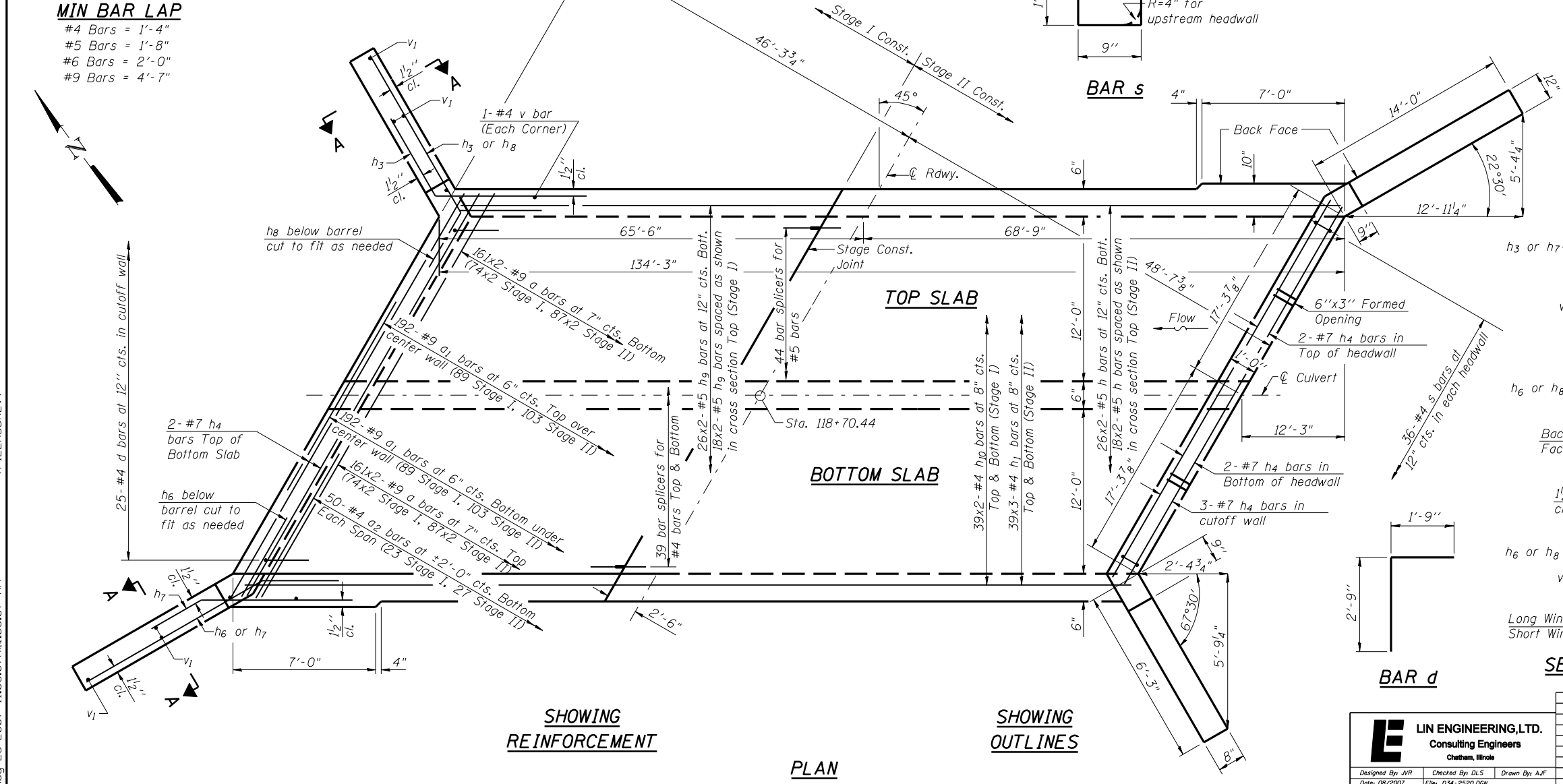
HALF ELEVATION
Showing bars in Outside Wall

HALF SECTION THRU BARREL
(Dimensions at Rt. L's to \bar{C} Culvert)

HALF END ELEVATION

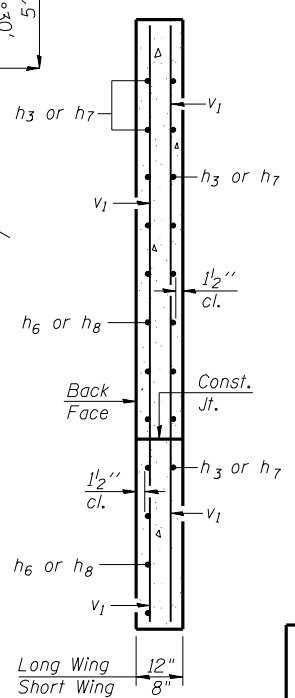
MIN BAR LAP
#4 Bars = 1'-4"
#5 Bars = 1'-8"
#6 Bars = 2'-0"
#9 Bars = 4'-7"

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 39x2-#4 etc. indicates 39 lines of bars with 2 lengths per line.
See sheet 2 of 6 for Phoebe Nesting Site Details and Drain Detail.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	644	#9	21'-5"	C
a1	384	#9	24'-0"	—
a2	100	#4	7'-3"	—
d	50	#4	4'-6"	—
h	88	#5	36'-11"	—
h1	234	#4	24'-11"	—
h2	45	#5	25'-2"	—
h3	16	#5	8'-0"	—
h4	18	#7	34'-10"	—
h5	30	#5	31'-8"	—
h6	16	#8	17'-0"	—
h7	18	#8	8'-0"	—
h8	12	#5	9'-3"	—
h9	88	#5	31'-9"	—
h10	156	#4	31'-6"	—
s	72	#4	5'-1"	—
v	547	#4	6'-1"	—
v1	16	#4	8'-10"	—
Concrete Box Culverts			Cu. Yd.	293.5
Reinforcement Bars			Pound	99720



SECTION A-A



SHOWING REINFORCEMENT

SHOWING OUTLINES

PLAN

REVISIONS

NAME	DATE

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: JWR Checked By: DLS Drawn By: AUF
Date: 08/2007 File: 034-2520.DGN

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT DETAILS
IL ROUTE 9/IL ROUTE 96
OVER SIDE ROAD DITCH
F.A.P. ROUTE 685 - SECTION 113B-3
HANCOCK COUNTY
STA. 118+70.44
STRUCTURE NO. 034-2520

The diameter of this part is equal or larger than the diameter of bar spliced.

The diameter of this part is the same as the diameter of the bar spliced.

ROLLED THREAD DOWEL BAR



**** ONE PIECE**

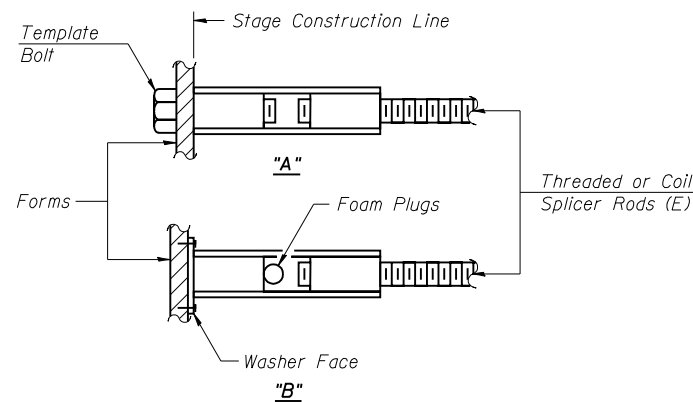
Wire Connector



WELDED SECTIONS

BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



INSTALLATION AND SETTING METHODS

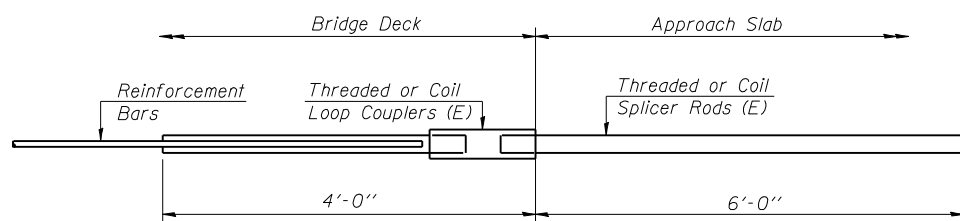
"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
 Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
 All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
 Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

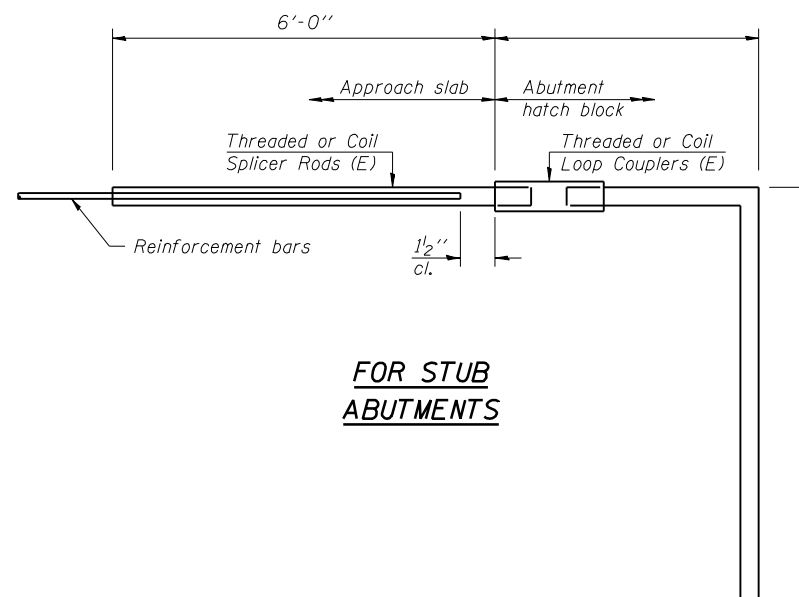
- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_1$
 - ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_1$
- Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_1 = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-0"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



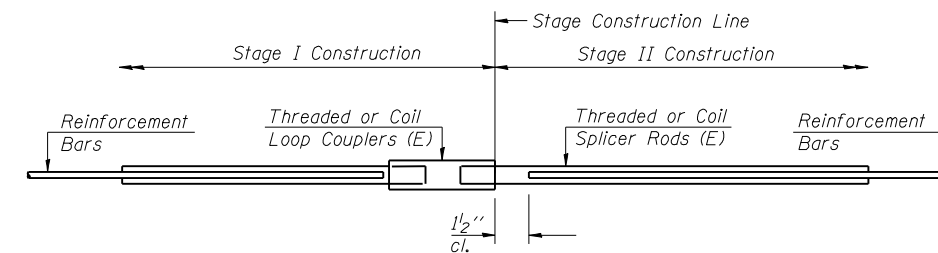
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location
#4	78	Bottom Slab
#5	15	Walls
#5	44	Top Slab

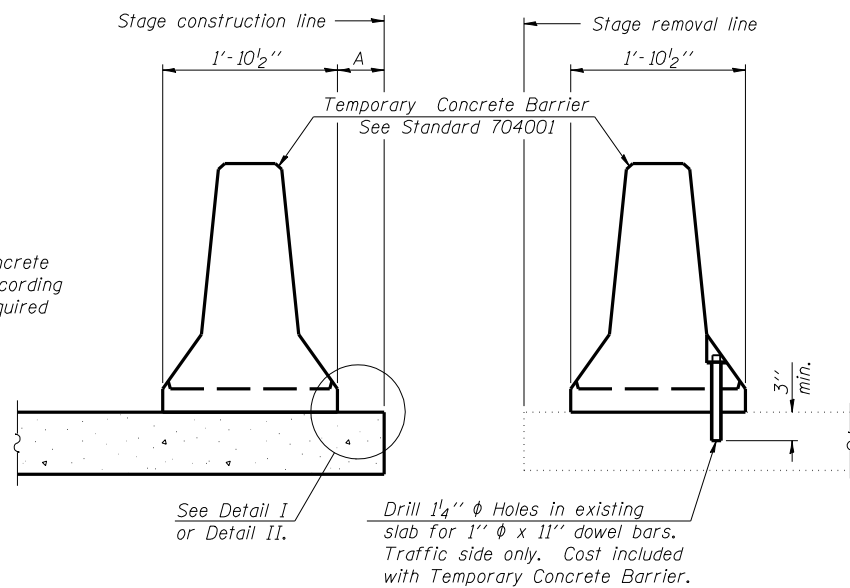
ILLINOIS DEPARTMENT OF TRANSPORTATION
BAR SPLICER ASSEMBLY DETAILS
 IL ROUTE 9/IL ROUTE 96
 OVER SIDE ROAD DITCH
 F.A.P. ROUTE 685 - SECTION 113B-3
 HANCOCK COUNTY
 STA. 118+70.44
 STRUCTURE NO. 034-2520

Lin Engineering, Ltd.
 Consulting Engineers
 Chatham, Illinois

REVISIONS	
NAME	DATE

Designed By: JVR Checked By: DLS Drawn By: AUF
 Date: 08/2007 File: 034-2520.DGN

Contract #72919



NEW SLAB

EXISTING SLAB

SECTIONS THRU SLAB

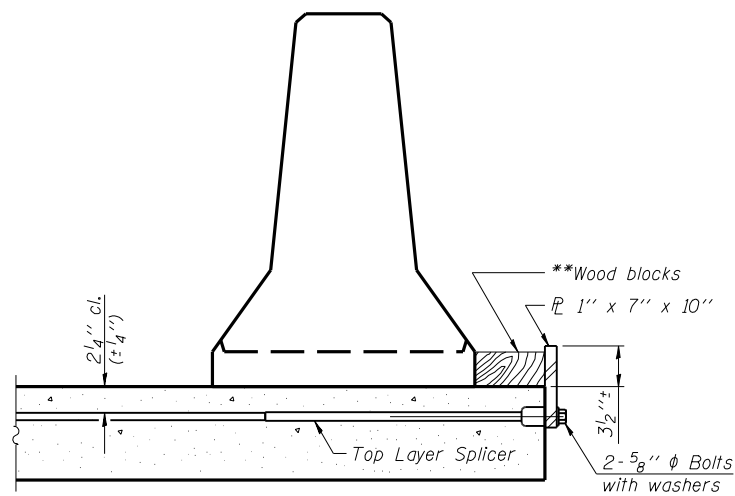
When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".

NOTES

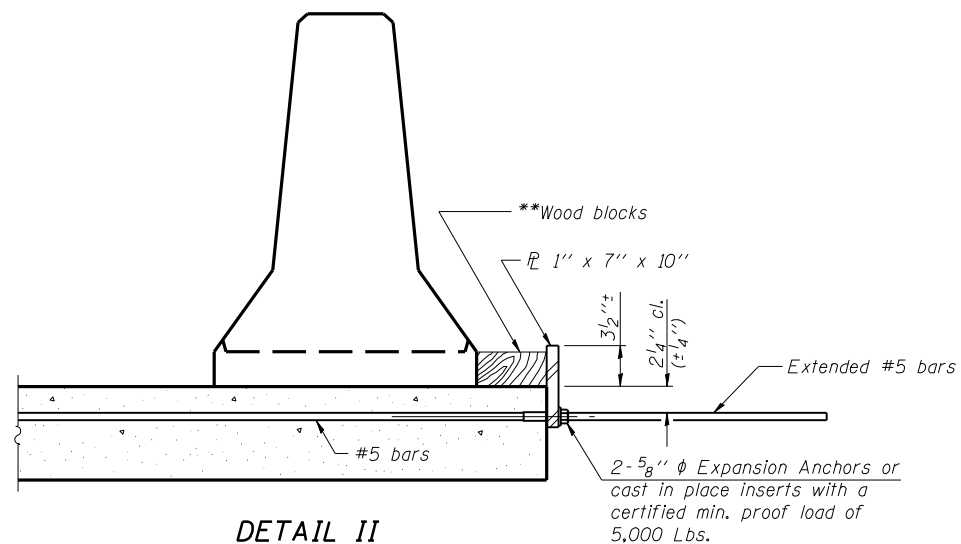
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1"x7"x10" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate CL of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1"x7"x10" steel PL to the concrete slab with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate CL of each barrier panel.

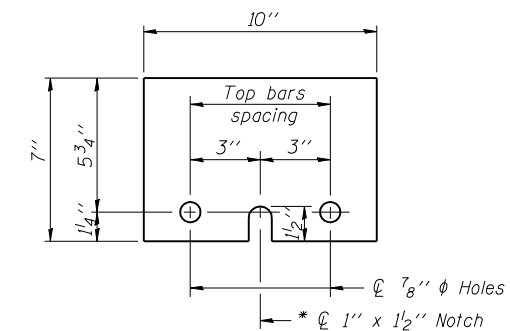
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x 10"

* 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.

FILEABBREV\$

Aug-23-2007 11:03:19AM:03:19 AM

R-27

11-1-06

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: JVR Checked By: DLS Drawn By: AUF
Date: 08/2007 File: 034-2520.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CONCRETE BARRIER
IL ROUTE 9/IL ROUTE 96
OVER SIDE ROAD DITCH
F.A.P. ROUTE 685 - SECTION 113B-3
HANCOCK COUNTY
STA. 118+70.44
STRUCTURE NO. 034-2520

Contract #72919



Illinois Department of Transportation
Division of Engineering
Date: 9/20/07

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 685 DESCRIPTION IL 9/IL 96 over S.R. Ditch LOGGED BY M. Tappan
SECTION 113 B-3 LOCATION NE 1/4, SEC. 12, TWP. 7 N, RNG. 8 W, 4 PM
COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	Dry ft	D	B	U	M
034-0015 Re	034-2520 Fr										
Station	118+70										
BORING NO.	1 NW WW										
Station	118+87										
Offset	14.05 14										
Ground Surface Elev.	821.8 ft	(D)	A'	(60)	(%)						
Brown and Grey Moist SILTY CLAY LOAM (FD)											
		1									
		2	0.8	28							
		3	B								
	828.00										
Brown Moist SAND LOAM (FD)											
		1									
		2		11							
		3									
	828.10										
Brown and Grey Moist SILTY CLAY LOAM (FD) w/Loam											
		1									
		1	0.5	21							
		2	B								
	828.80										
Dark Grey Moist SILTY CLAY											
		1									
		2	0.8	28							
		1	B								
	829.10										
		1									
		1	0.7	28							
		1	B								
	829.10										
Grey Fine to Medium Grained Wet SAND											
		1									
		1									
		1									
	829.10										
Brown Medium Grained SAND											
		1									
		1									
		1									
	829.80										
Grey V. Moist SILTY CLAY											
		0									
		0	0.1	27							
		0	B								
	829.80										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (D-Blows, S-Blow, P-Penetrometer, E-Extension)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced By Weight of Pipe, R.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) or (ASTM D 1586) or (ASTM D 1586)



Illinois Department of Transportation
Division of Engineering
Date: 9/20/07

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 685 DESCRIPTION IL 9/IL 96 over S.R. Ditch LOGGED BY M. Tappan
SECTION 113 B-3 LOCATION NE 1/4, SEC. 12, TWP. 7 N, RNG. 8 W, 4 PM
COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	Dry ft	D	B	U	M
034-0015 Re	034-2520 Fr										
Station	118+70										
BORING NO.	2 SW WW										
Station	118+87										
Offset	14.05 14										
Ground Surface Elev.	821.8 ft	(D)	A'	(60)	(%)						
Brown and Dark Grey Moist SILTY CLAY LOAM (FD)											
		1									
		2	0.8	28							
		3	B								
	828.00										
Grey V. Moist SILTY CLAY LOAM											
		1									
		2	1.0	19							
		4	B-14								
	828.10										
Grey Moist SILTY CLAY LOAM											
		1									
		1	0.5	54							
		2	B								
	828.80										
Dark Grey Moist SILTY CLAY											
		1									
		2	1.4	28							
		2	B								
	829.10										
Grey											
		1									
		1	0.7	58							
		2	B								
	829.10										
Light Brown and Grey											
		1									
		1	0.6	21							
		2	B								
	829.80										
Brown Medium Grained SAND											
		0									
		1									
		2									
	829.80										
Washed											
		0									
		1									
		1									
	829.80										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (D-Blows, S-Blow, P-Penetrometer, E-Extension)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced By Weight of Pipe, R.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) or (ASTM D 1586) or (ASTM D 1586)

Aug-23-2007 11:03:26AM:03:26 AM \$FILEABBREV\$

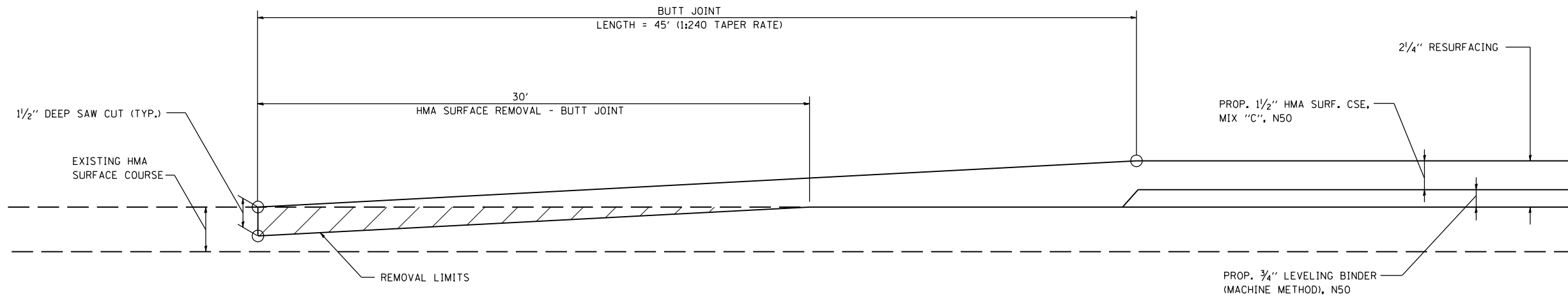
Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: JVR Checked By: DLS Drawn By: AUF
Date: 08/20/07 File: 034-2520.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS
IL ROUTE 9/IL ROUTE 96
OVER SIDE ROAD DITCH
F.A.P. ROUTE 685 - SECTION 113B-3
HANCOCK COUNTY
STA. 118+70.44
STRUCTURE NO. 034-2520

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

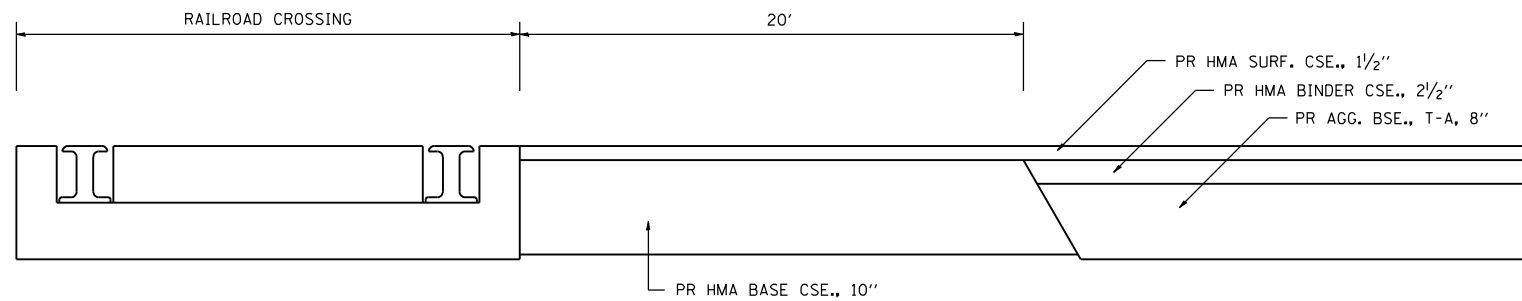


BUTT JOINT DETAIL

STA. 114+00.00 TO STA. 114+45.00
 STA. 122+55.00 TO STA. 123+00.00

GENERAL NOTES

1. THE WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE 406.08.
2. THE PAVEMENT SURFACE TO BE REMOVED IS HOT-MIX ASSPHALT. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406.
3. THE SAW CUT JOINTS SHALL BE PRIMED PRIOR TO THE PLACING OF BITUMINOUS MATERIAL. THE WORK WILL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 406.05. THE BUTT JOINTS PAY ITEM INCLUDES THE SAW CUT & PRIME COAT.



BUTT JOINT DETAIL @ RAILROAD CROSSING

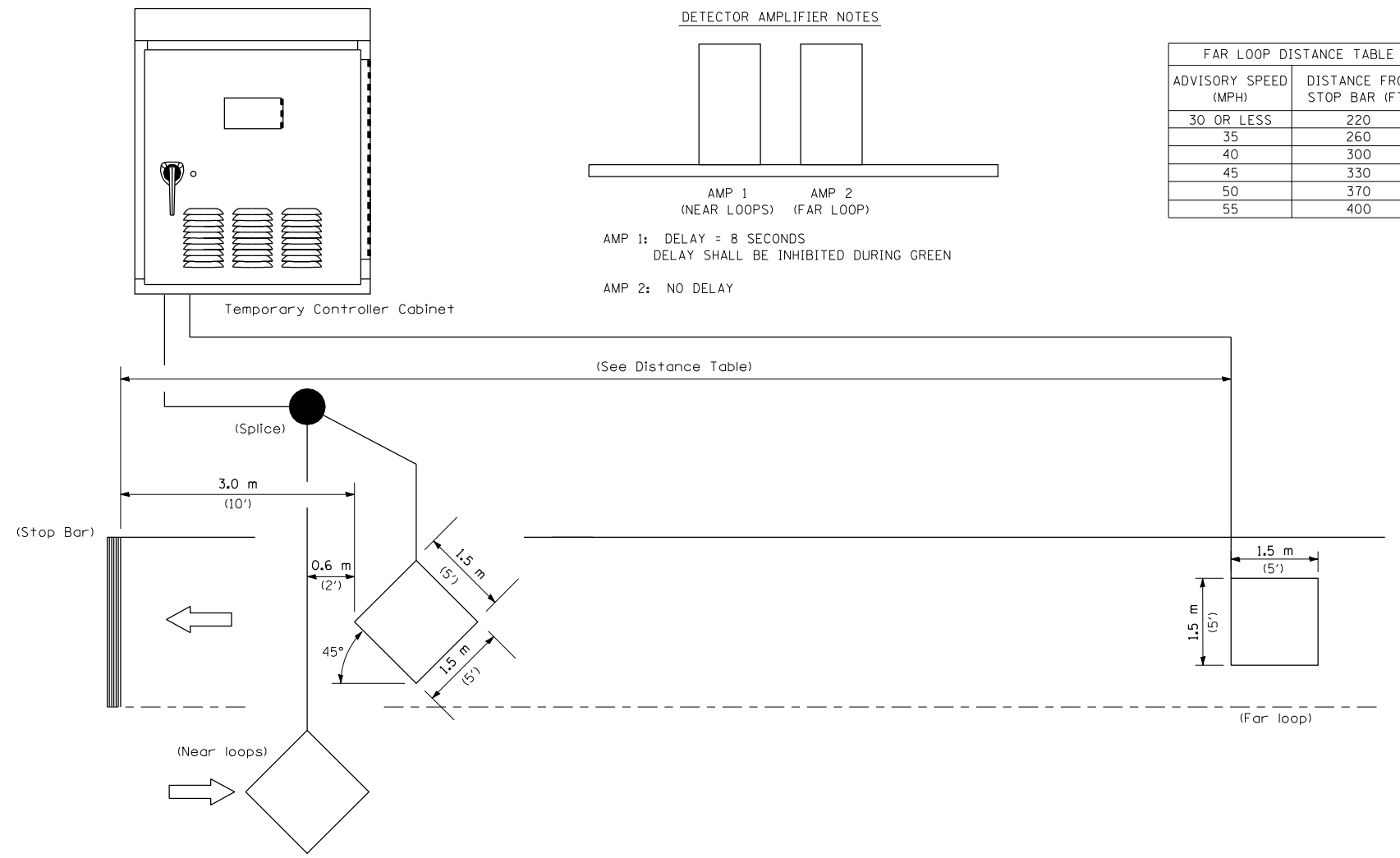
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BUTT JOINT DETAIL
 IL ROUTE 96 & APPLE RIVER ROAD
 HANCOCK COUNTY

SCALE: NONE
 DATE: 07/2007

DRAWN BY: SGL
 CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ADVISORY SPEED (MPH)	DISTANCE FROM STOP BAR (FT.)
30 OR LESS	220
35	260
40	300
45	330
50	370
55	400

NOTE: All loops centered in lane.

INDUCTION LOOP DETECTOR

TEMPORARY BRIDGE TRAFFIC SIGNAL
LOOP PLACEMENT DETAIL SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL & PROTECTION
IL ROUTE 96 & APPLE RIVER ROAD
HANCOCK COUNTY

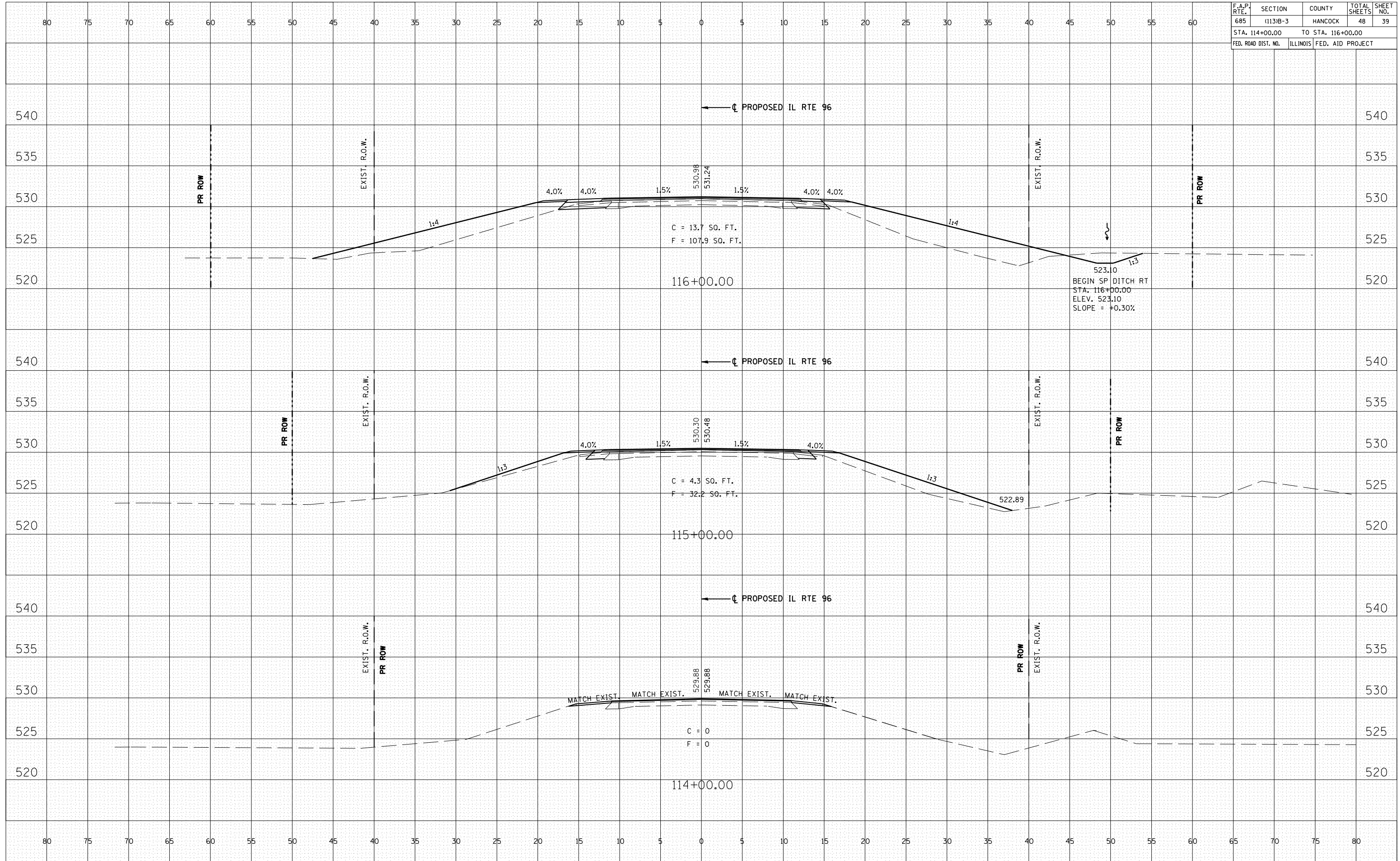
SCALE: NONE
DATE: 07/2007
DRAWN BY: DIST. 6
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113B-3)	HANCOCK	48	39
STA. 114+00.00		TO STA. 116+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

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 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	40
STA. 117+00.00		TO STA. 118+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

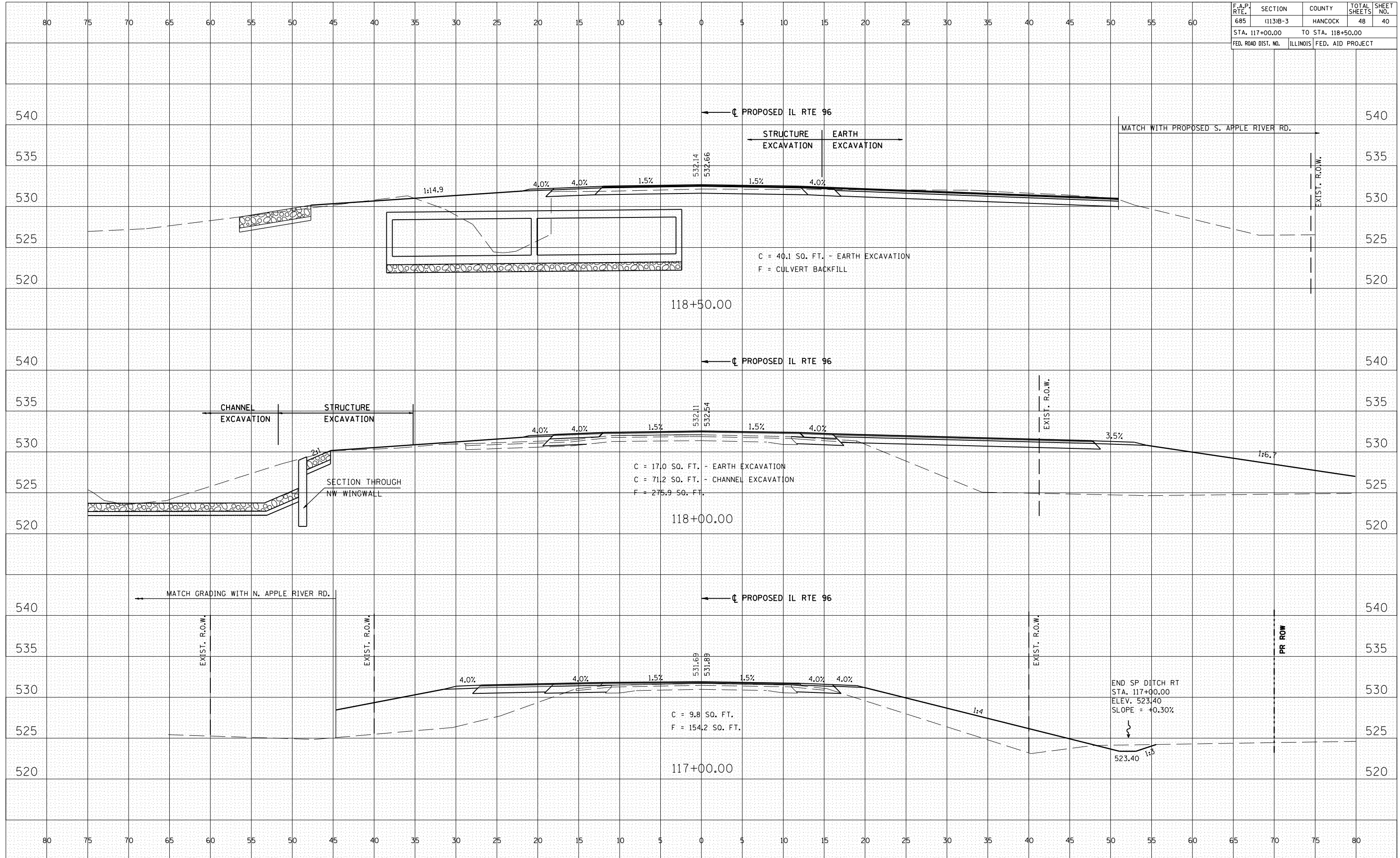
BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	AREAS CHECKED

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 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	41
STA. 118+70.44		TO STA. 119+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	DATE

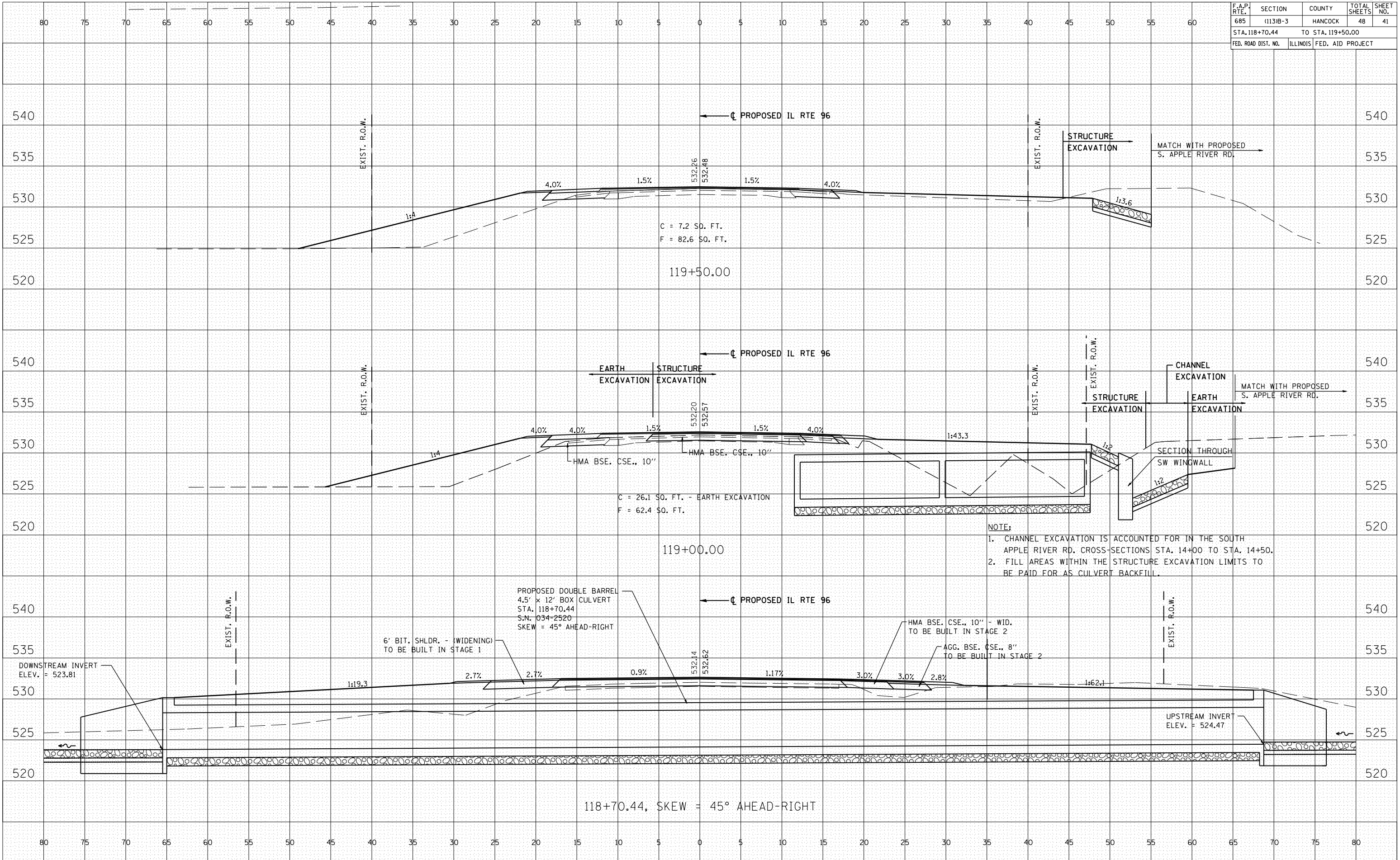
NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

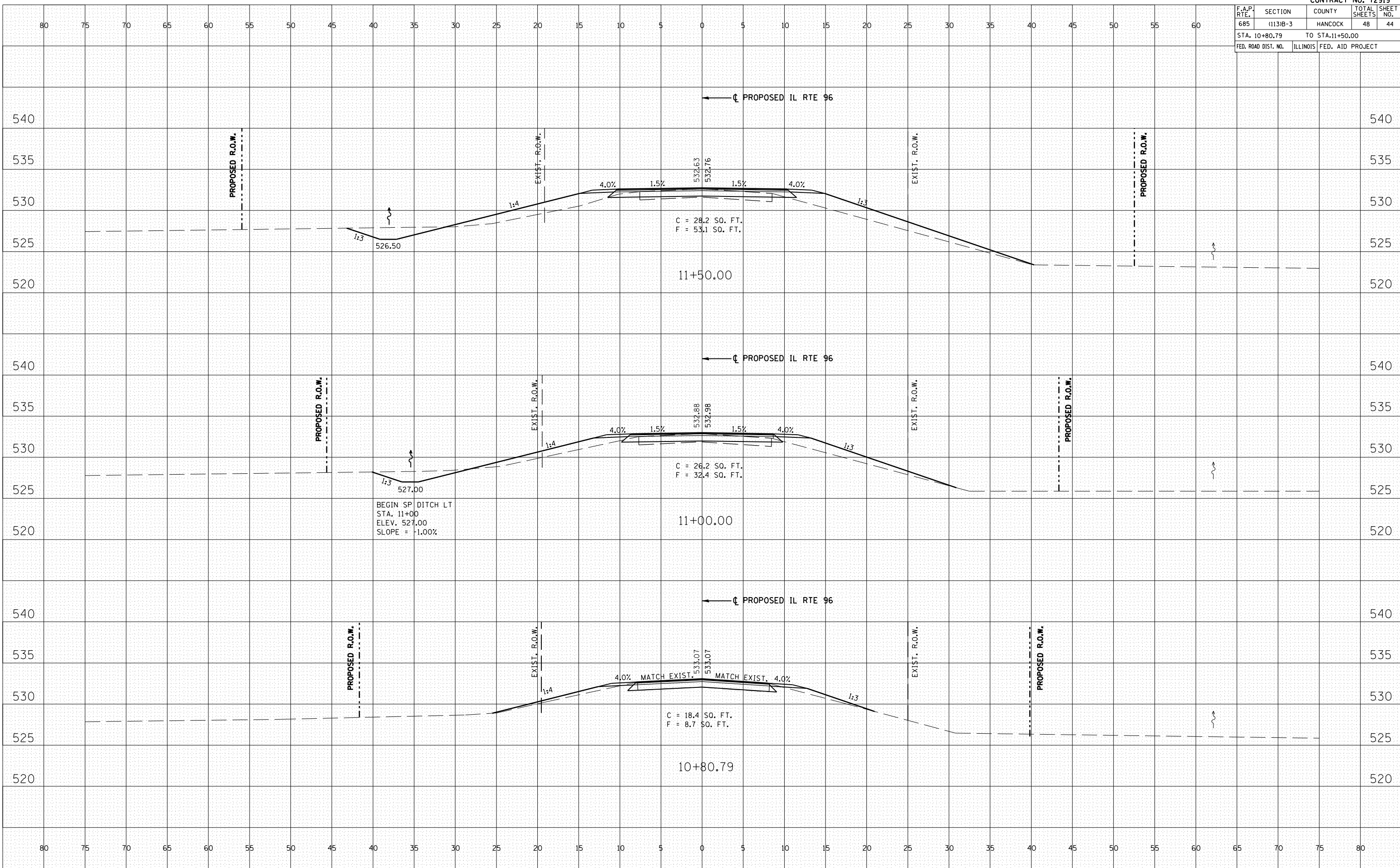
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 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	44
STA. 10+80.79		TO STA. 11+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

BY _____ DATE _____
 ORIGINAL FILE NAME: h:\fisher\113\113B\113B-3\113B-3.dgn
 NOTE BOOK NO. _____
 AREAS CHECKED _____
 NO. _____



CROSS SECTIONS - S. APPLE RIVER ROAD

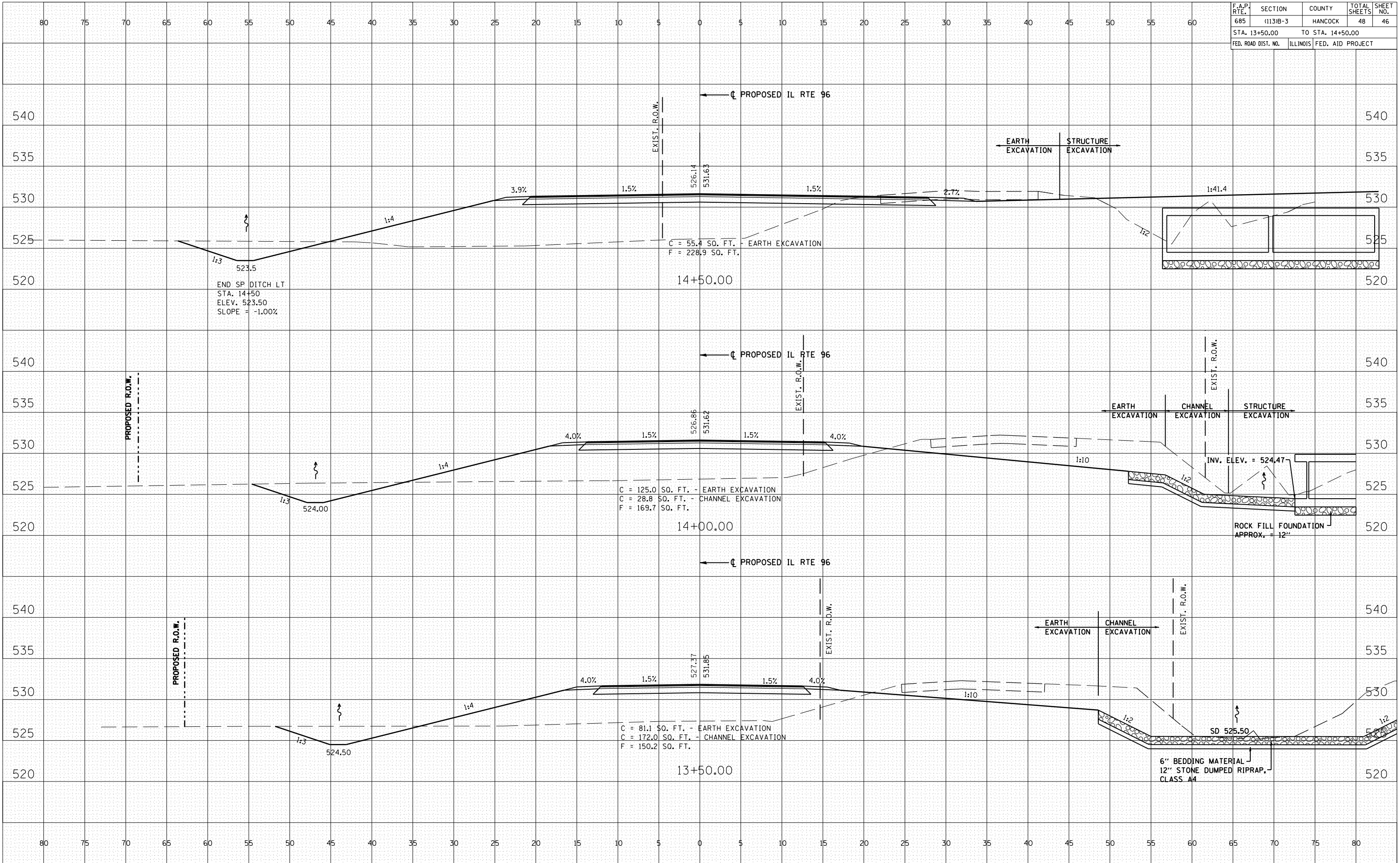
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-3	HANCOCK	48	46
STA. 13+50.00		TO STA. 14+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

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 USER NAME = laughlin-1



CROSS SECTIONS - S. APPLE RIVER ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	47
STA. 16+00.00		TO STA. 17+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

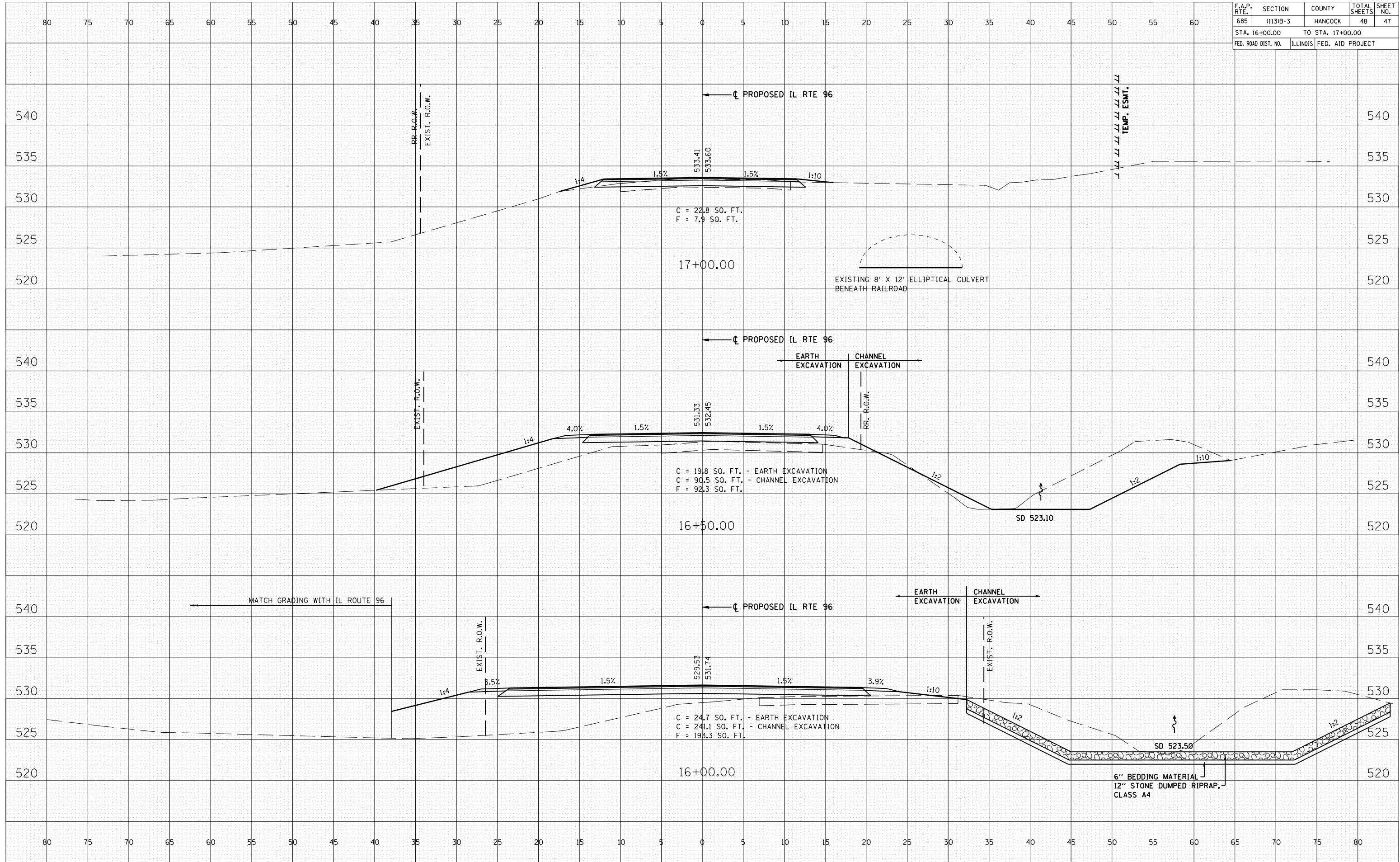
BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

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 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	48
STA. 17+42.42		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	DATE
NOTE BOOK NO.	AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE
NOTE BOOK NO.	AREAS CHECKED		

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