

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	1

\* 05-00092-01-PV  
91373

**INDEX OF SHEETS**

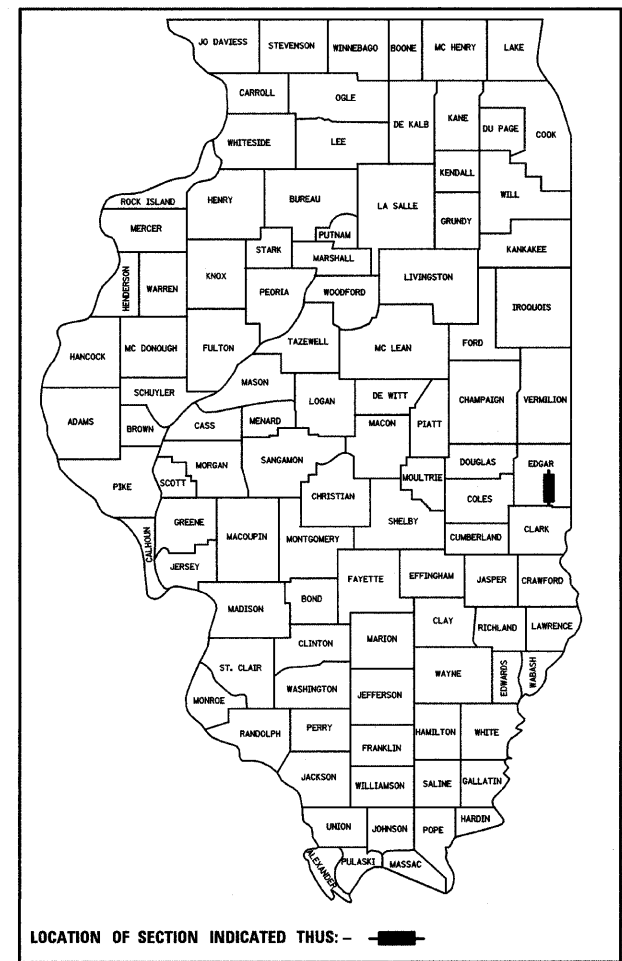
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PROPOSED  
HIGHWAY PLANS**

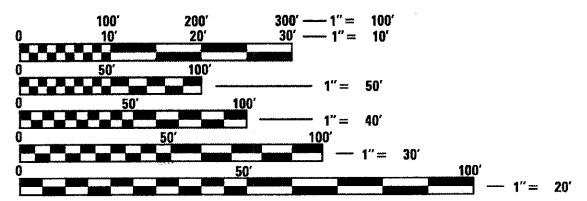
**FAS ROUTE 683  
SECTION 05-00092-01-PV  
PROJECT SHILOH ROAD (CH 11)  
EDGAR COUNTY  
JOB NO. C-95-308-07  
PROJECT NO. RS-683(108)**

CONSTRUCTED UNDER THE PROVISIONS OF THE  
ILLINOIS HIGHWAY CODE



**STANDARDS LIST**

HIGHWAY STANDARDS	
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
630101-07	GUARDRAIL MOUNTED ON EXISTING CULVERTS
631011-03	TRAFFIC BARRIER TERMINAL TYPE 2
666001	RIGHT OF WAY MARKERS
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
702001-06	TRAFFIC CONTROL DEVICES
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001	APPLICATIONS OF TYPE A & B METAL POSTS (FOR SIGNS AND MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS
B. L. R. 22-4 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)	

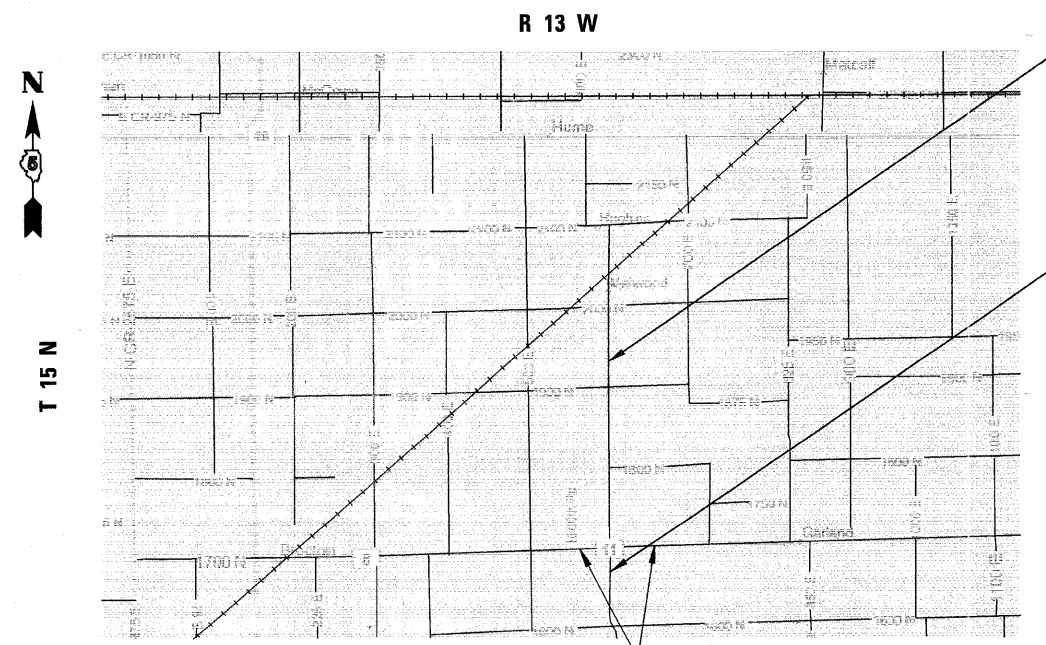


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**CONTRACT NO. 91373**

HLC Proj. 5245 Shiloh Road (CH 11)  
HLC Field Book No. 469 & 469A



PROPOSED SECTION 05-00092-01-PV  
ENDS STATION 136 + 00

PROPOSED SECTION 05-00092-01-PV  
BEGINS STATION 7 + 50

PROPOSED HORACE / BROCTON RD  
SECTION 05-00092-01-PV  
STATION 296 + 00 TO 314 + 75

GROSS LENGTH = 12,850 FEET  
NET LENGTH = 2.434 MILES

3/16/08  
EXPIRES: 11/30/09

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
DECATUR (317) 422-8544  
CHICAGO (773) 714-0050  
ROCKFORD (815) 489-0050  
184-001397

FUNCTIONAL CLASSIFICATION - COLLECTOR  
2008 ADT = 250  
2028 ADT = 314  
DESIGN SPEED = 50 MPH

APPROVED	<u>3/17</u>	20 <u>08</u>
	<i>Dale R.</i>	
	COUNTY ENGINEER	
PASSED	<u>3/17/08</u>	20 <u>08</u>
	<i>Dale R.</i>	
	DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS	
Releasing For Bid Based on Limited Review	<u>3/18</u>	20 <u>08</u>
	<i>Joseph C. Lewis</i>	
	DEPUTY DIRECTOR OF HIGHWAYS REGION THREE ENGINEER	
	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	2
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-0092-01-PV

**COMMITMENTS**

Right of Way Commitments	
<b>Increase Entrance Width</b> Location-Shiloh Road	<b>Width</b>
Lt. Sta. 12+82	Increase to 24'
Lt. Sta. 14+50	Increase to 24'
Lt. Sta. 17+04	Increase to 24'
Lt. Sta. 29+95	Increase to 24'
Lt. Sta. 42+32	Increase to 24'
Lt. Sta. 50+11	Increase to 24'
Lt. Sta. 62+00	Increase to 24'
Lt. Sta. 64+00	Increase to 24'
Lt. Sta. 70+04	Increase to 24'
Lt. Sta. 76+63	Increase to 24'
Rt. Sta. 90+13	Increase to 24'
Lt. Sta. 90+13	Increase to 24'
Lt. Sta. 104+00	Increase to 24'
Lt. Sta. 115+41	Increase to 24'
Rt. Sta. 129+95	Increase to 24'
Rt. Sta. 131+00	Increase to 24'
Lt. Sta. 143+40	Increase to 24'
Lt. Sta. 143+69	Increase to 24'
<b>Location-Horace Brocton Road</b>	<b>Width</b>
Rt. Sta. 302+23.6	Match existing entrance width
Rt. Sta. 303+72.6	Increase to 24'
Rt. Sta. 305+62.3	Increase to 24'
Lt. Sta. 311+15	Increase to 40'
<b>Remove Entrance</b>	
Rt. Sta. 36+23	
<b>Reset Corner Posts</b>	
Lt. Sta. 76+72	
Lt. Sta. 90+08	
<b>Other Commitments</b>	
Rt. Sta. 300+00 to 308+00 Horace-Brocton Road	Provide temporary access for property owner to access field northeast of Shiloh Road and Horace-Brocton Road during construction of Horace-Brocton Road at a location mutually agreed to by the owner and the engineer  Utilities are to be relocated to residence before construction begins.  Property owner will be allowed to construct drainage tile at his expense under Horace-Brocton Road and Shiloh Road to the satisfaction of the engineer.

**GENERAL NOTES**


- REFERENCE TO THE SSRB SHALL BE INTERPRETED AS REFERENCE TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. COPIES OF THOSE SPECIFICATIONS CAN BE PURCHASED FROM THE FOLLOWING ORGANIZATION:  
  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
2300 S. DIRKSEN PARKWAY  
SPRINGFIELD, ILLINOIS 62764  
WWW.DOT.STATE.IL.US/DESIGNV/STDSPECS07.HTML
- THE ENGINEER SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUBCONTRACTOR, SHALL HAVE NO AUTHORITY TO STOP WORK, SHALL HAVE NO SUPERVISION OR CONTROL AS TO THE WORK OR PERSONS DOING THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORTS, FORMS OR OTHER WORK AIDS, AND SHALL HAVE NO DUTIES OR RESPONSIBILITIES IMPOSED BY ACTS GOVERNING THE WORKPLACE. IN ADDITION, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE MODIFIED AS FOLLOWS:  
UNDER ARTICLE 105.01, ADD THE FOLLOWING SENTENCE: NOTHING CONTAINED HEREIN SHALL RELIEVE THE CONTRACTOR OF HIS/HER DUTY TO OBSERVE AND COMPLY WITH ALL APPLICABLE LAWS, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE OR NON-COMPLIANCE WITH SUCH LAWS.  
UNDER ARTICLE 107.01, ADD THE FOLLOWING SENTENCE: THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S DUTY TO OBSERVE AND COMPLY WITH THE PROVISIONS OF THIS SECTION, OR FOR THE CONTRACTOR'S FAILURE TO DO SO.
- THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS INCLUDES SAFETY OF ALL PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE COUNTY AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- ALL ELEVATIONS ARE BASED ON U.S.G.S. MEAN SEA-LEVEL DATUM. THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND STATION CROSS SECTIONS ARE THE ELEVATIONS FOR THE FINISHED SURFACE AT LOCATIONS AS INDICATED.
- THE LOCATIONS OF THE EXISTING UNDERGROUND UTILITIES WERE OBTAINED FROM RECORDS AND FIELD SURVEYS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS PRIOR TO EXCAVATION FOR THE NEW WORK.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 FOR FIELD LOCATIONS FOR ALL BURIED UTILITIES.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON COUNTY OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION.
- ALL TRENCHES BELOW AND WITHIN 2' OF ALL PROPOSED PAVED SURFACES SHALL BE BACK FILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE HIGHWAY STANDARDS WITH THE REVISION NUMBERS SHOWN IN THE STANDARDS LIST SHALL APPLY TO THIS CONTRACT.
- PAYMENT FOR OVERHAUL WILL NOT BE MADE FOR EARTH MOVED TO OR FROM ANY SOURCE.
- WHERE PERMANENT SURVEY MARKERS OR MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MARKERS OR MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

- THE END AREAS SHOWN ON THE STATION CROSS SECTIONS ONLY REFLECT THE EARTH EXCAVATION AND EMBANKMENT ITEMS. THE PLAN QUANTITY FOR EARTHWORK DOES NOT INCLUDE THE VOLUME OF MATERIAL REMOVED AND PAID FOR AS PAVEMENT REMOVAL.
- DIMENSIONS FOR RADII SHOWN ON PLAN SHEETS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL PAVEMENT ELEVATIONS SHOWN ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES SPECIFIED IN THE SPECIAL PROVISIONS AND THE PLANS DURING THE COURSE OF THE PROJECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE THICKNESS AND TYPE OF ALL EXISTING PAVEMENT TO BE REMOVED PRIOR TO SUBMITTING A BID ON THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR VARIATIONS IN EXISTING PAVEMENT THICKNESSES OR TYPES SHOWN IN THE PLANS.
- ALL EXISTING PROPERTY PINS SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. ANY PROPERTY PIN THAT IS DAMAGED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SAW CUT ALL EXISTING PAVED SURFACES FULL DEPTH PRIOR TO REMOVAL.
- THE FOLLOWING RATES WERE USED IN CALCULATING QUANTITIES FOR THIS PROJECT:  
BITUMINOUS MATERIALS PRIME COAT: 0.5 GAL/SQ YD  
HMA SURFACE COURSE: 112 LB/INCH THICKNESS/SQ YD  
HMA BINDER COURSE: 112 LB/INCH THICKNESS/SQ YD  
AGGREGATE SHOULDERS AND BASE COURSE: 2.05 TONS/CY
- THE CONTRACTOR SHALL PERFORM AN EXISTING SIGN INVENTORY RECORDING THE STATION AND OFF-SET FOR ALL EXISTING SIGNS PRIOR TO REMOVING AND STORING EXISTING SIGNS. THE INVENTORY WILL DETERMINE PLACEMENT OF SIGNS FOR FINAL LOCATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT COST PER LUMP SUM FOR THE VARIOUS TRAFFIC CONTROL PAY ITEMS.
- THE CONTRACTOR SHALL REMOVE AND TEMPORARILY RELOCATE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION IN ACCORDANCE WITH ARTICLE 107.20 OF THE SSRB.
- STATION AND OFFSET LOCATIONS OF FLARED END SECTIONS ARE CALLED OUT TO THE END OF THE CULVERT.

**MIXTURE REQUIREMENTS**

MIXTURE USE	POLYMER SURFACE & TOP LIFT SHOULDER	POLYMER BINDER	BOTTOM LIFT SHOULDER
AC/PG	SBS PG 64-28	SBS PG 64-28	PG 58-22
RAP % (MAX)	10	10	30
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMP (GRADATION)	IL 9.5	IL 19.0	Other
FRICTION AGGREGATE	MIX C	N. A.	N. A.

**GENERAL NOTES AND COMMITMENTS**

REVISIONS No. DATE INITIALS 1 2 3 4 5 6 7 8 9 10		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS   HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001897	DRAWN BY DATE RLK 7/07 CHECKED BY DATE CAS 7/07 BOOK NUMBER 469 PROJECT No. 5245 SHEET No.
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**SUMMARY OF QUANTITIES**

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	3
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	
* 05-00092-01-PV				

CODE NUMBER	DESCRIPTION	UNITS	80% FED 20% LOCAL 1000-2A QUANTITY
20200100	EARTH EXCAVATION	CU YD	13,017
20400800	FURNISHED EXCAVATION	CU YD	2,456
20800150	TRENCH BACKFILL	CU YD	71
21301048	EXPLORATION TRENCH 48" DEPTH	FOOT	15,947
25000200	SEEDING, CLASS 2	ACRE	13
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,170
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,170
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,170
25100105	MULCH METHOD 1	ACRE	13
28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	13
28000500	INLET AND PIPE PROTECTION	EACH	32
28100205	STONE RIPRAP, CLASS A3	TON	6.5
28200200	FILTER FABRIC	SQ YD	13
30200550	PROCESSING MODIFIED SOIL 10"	SQ YD	43,766
30201500	LIME	TON	240
30201700	PORTLAND CEMENT	TON	1,329
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	532
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	157
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	41,490
40600300	AGGREGATE (PRIME COAT)	TON	166
40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	10,455
40603515	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	3,972
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACE	TON	50
44000100	PAVEMENT REMOVAL	SQ YD	5,338
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,946
48203015	HOT-MIX ASPHALT SHOULDERS 4 1/2"	SQ YD	6,636
50105200	REMOVE EXISTING CULVERTS	EACH	29
542A0223	PIPE CULVERTS, CLASS A, TYPE 1, 18"	FOOT	199
542A0229	PIPE CULVERTS, CLASS A, TYPE 1, 24"	FOOT	46
542A0235	PIPE CULVERTS, CLASS A, TYPE 1, 30"	FOOT	39
542A0241	PIPE CULVERTS, CLASS A, TYPE 1, 36"	FOOT	38
542A0253	PIPE CULVERTS, CLASS A, TYPE 1, 48"	FOOT	39
542D0217	PIPE CULVERTS, CLASS D, TYPE 1, 12"	FOOT	224
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	458
542D0223	PIPE CULVERTS, CLASS D, TYPE 1, 18"	FOOT	302

• SEE SPECIAL PROVISIONS

REVISIONS			SUMMARY OF QUANTITIES		DRAWN BY DATE
NO.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		RLK 7/07
1					CHECKED BY DATE CAS 7/07
2					BOOK NUMBER 469
3					PROJECT NO. 5245
4					SHEET NO.
5					
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10					

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
 CONSULTING ENGINEERS  
 184-00127  
 DECATUR CHICAGO  
 (317) 422-8644 (773) 714-0060  
 ROCKFORD  
 (815) 489-0060

SUMMARY OF QUANTITIES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	4

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
 \* 05-00092-01-PV

CODE NUMBER	DESCRIPTION	UNITS	80% FED 20% LOCAL 1000-2A QUANTITY
542D0226	PIPE CULVERTS, CLASS D, TYPE 1, 21"	FOOT	36
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTION 18"	EACH	12
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	2
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"	EACH	2
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTION 36"	EACH	2
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTION 48"	EACH	2
61100605	MISCELLANEOUS CONCRETE	CU YD	4
• 61101009	STORM SEWER PROTECTED, CLASS A, 8"	FOOT	258
• 61101011	STORM SEWER PROTECTED, CLASS A, 10"	FOOT	88
• 61101013	STORM SEWER PROTECTED, CLASS A, 12"	FOOT	90
• 61101020	STORM SEWER PROTECTED, CLASS A, 18"	FOOT	280
• 61101026	STORM SEWER PROTECTED, CLASS A, 24"	FOOT	187
Δ • 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2
63500205	REMOVE AND REPLACE DELINEATORS	EACH	14
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	97
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	5
67100100	MOBILIZATION	L SUM	1
• 67201000	SEALING ABANDONED WATER WELLS	EACH	1
70101860	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 22 (SPECIAL)	L SUM	1
72000100	SIGN PANEL, TYPE 1	SQ FT	32
72900200	METAL POST, TYPE B	FOOT	58
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE 1 LINE 4"	FOOT	33,910
Δ 78008270	POLYUREA PAVEMENT MARKING TYPE 1 LINE 24"	FOOT	132
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	184
X0301232	SURVEY MARKER VAULTS	EACH	5
X0974300	SIGN REMOVAL	EACH	5
XX001017	REMOVE RIGHT-OF-WAY MARKERS	EACH	1
XX002957	REMOVE AND RE-ERECT EXISTING SIGN	EACH	9
XX003949	CONSTRUCTION STAKING	L SUM	1
Z0030900	INSPECTION WELLS	EACH	16

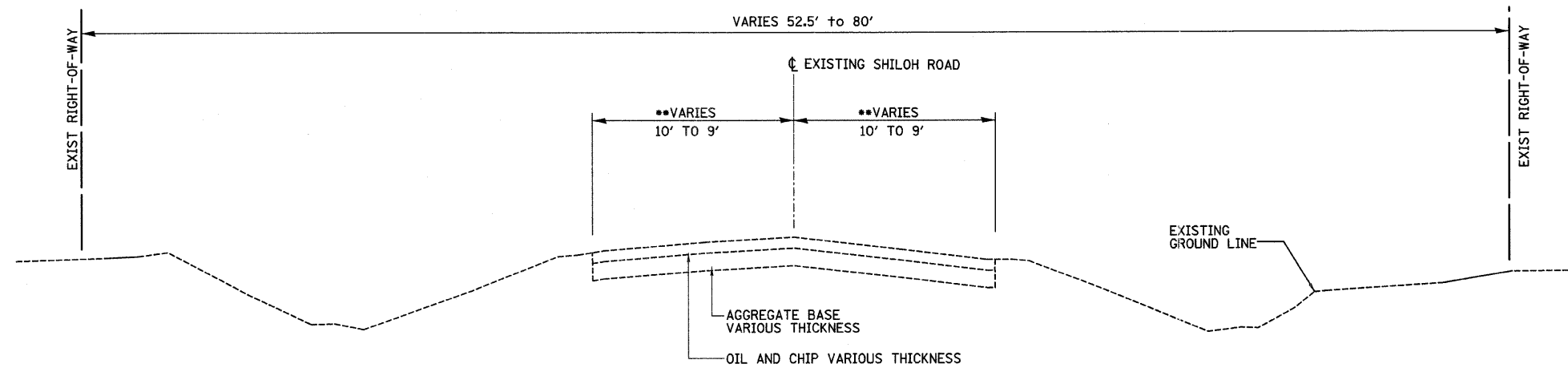
• SEE SPECIAL PROVISIONS  
 Δ SPECIALTY ITEMS

REVISIONS			SUMMARY OF QUANTITIES	
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			<b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS 184-00197	
			DECATUR CHICAGO (817) 422-8444 (773) 714-0050 ROCKFORD (815) 489-0050	

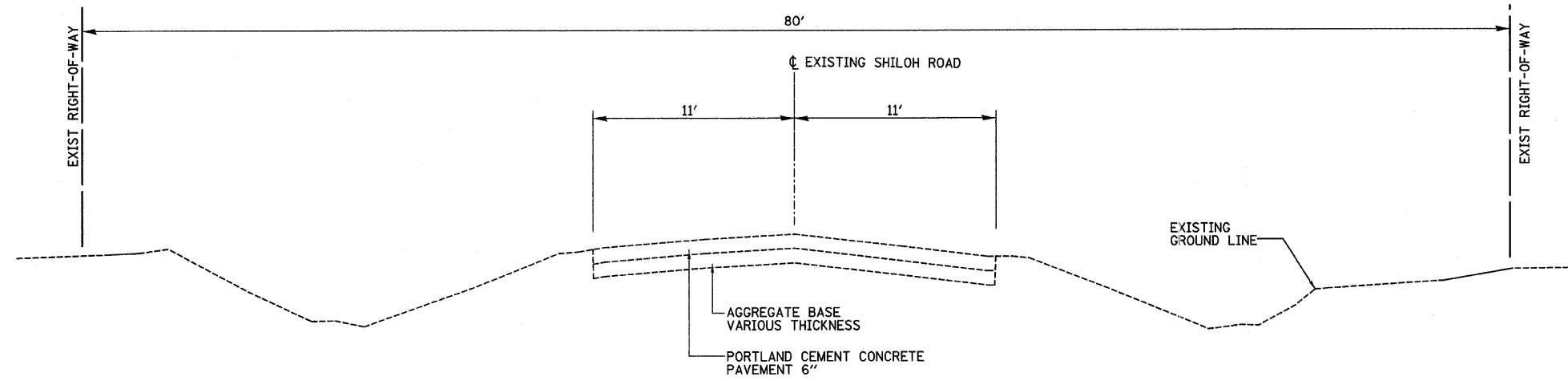
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FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
 \* 05-00092-01-PV

- 70' - STA 10+35 TO STA 75+00
- 80' - STA 75+00 TO STA 102+91
- 70' - STA 102+91 TO STA 116+63
- 55' - STA 117+03 TO STA 135+00



**SHILOH ROAD (CH 11)**  
 \*\* STA 10+24.13 TO STA 116+00 (10'-10")  
 \*\* STA 116+00 TO STA 136+00 (9'-9")



**SHILOH ROAD (CH 11)**  
 STA 7+50 TO STA 10+00.13

REVISIONS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY	DATE
1	DATE	INITIALS		RLK	7/07
2				CAS	7/07
3				BOOK NUMBER	469
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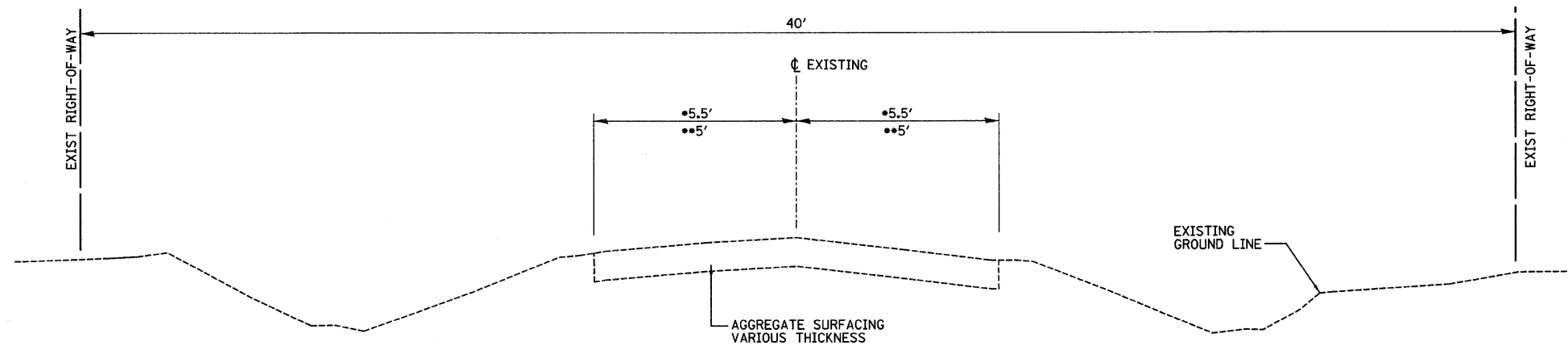
**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
 CONSULTING ENGINEERS  
184-001397

DECATUR CHICAGO  
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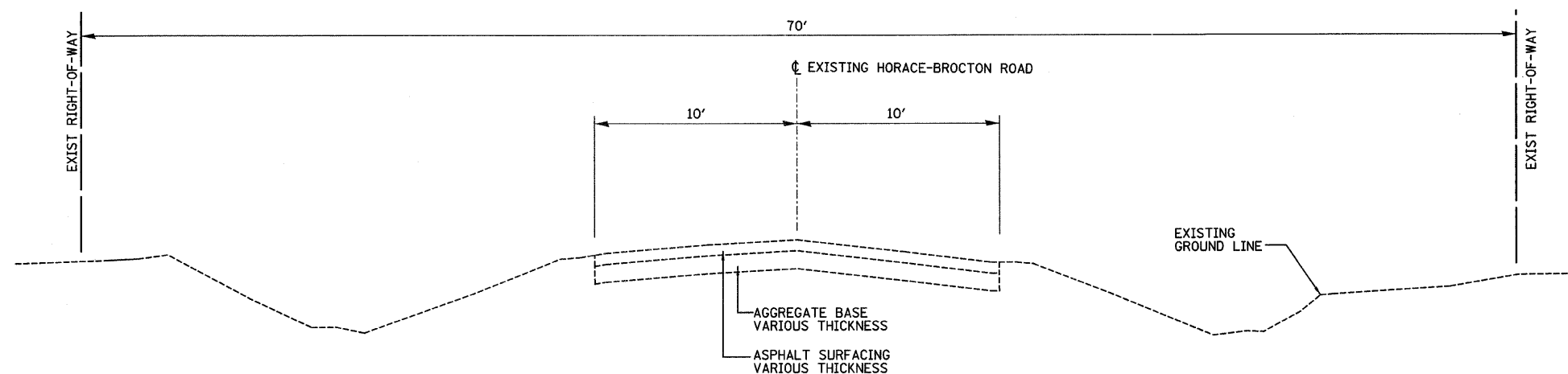
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	6
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV



**\*1800TH ROAD**  
 STA 500+12 TO STA 501+48.32

**\*\*1900TH ROAD**  
 STA 600+51.58 TO STA 601+88  
 STA 602+12 TO STA 603+31.70

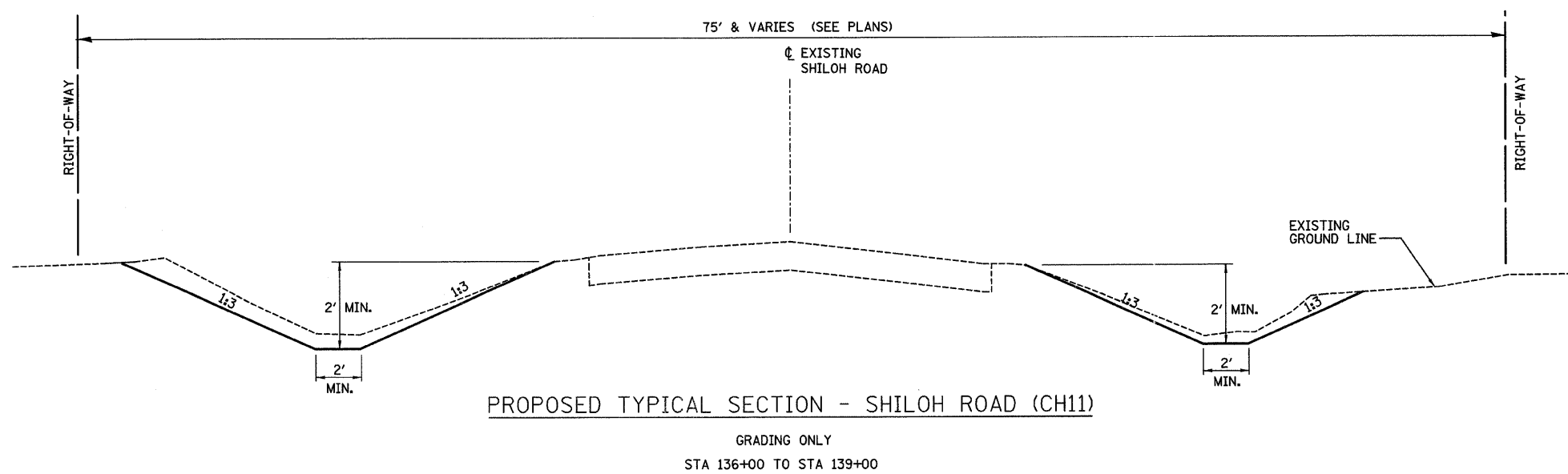
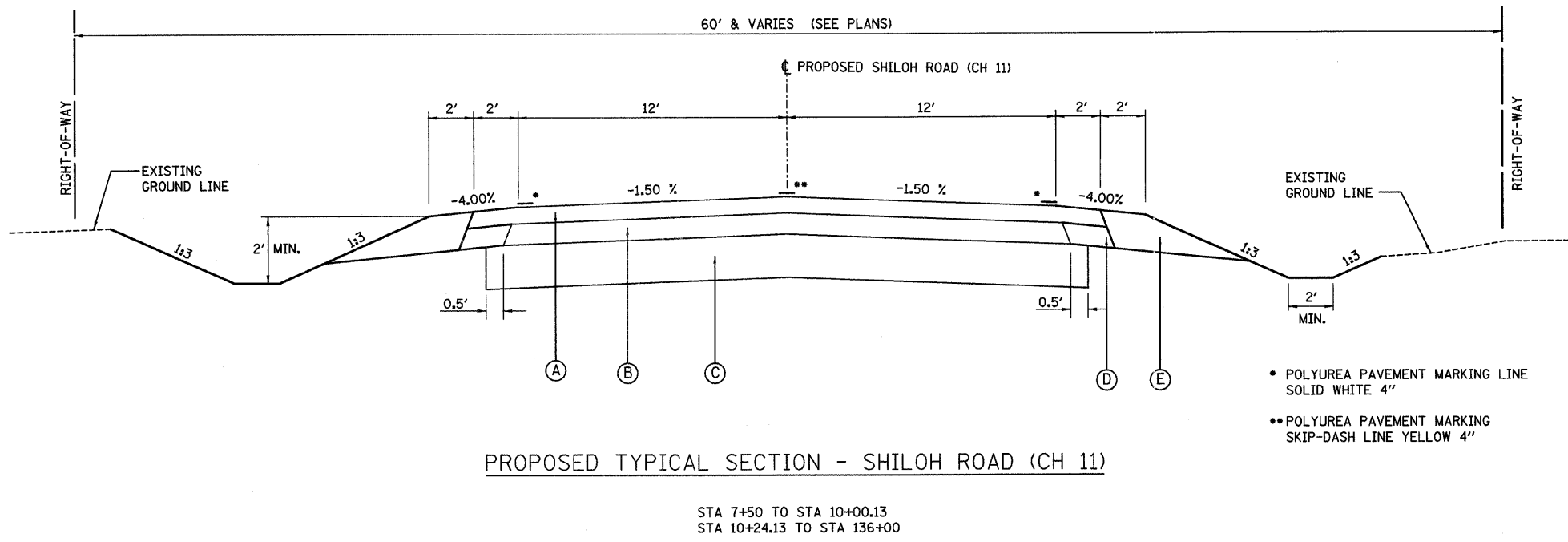


**HORACE-BROCTON ROAD (CH 8)**  
 STA 296+00 TO STA 314+75

EXISTING TYPICAL SECTIONS		
REVISIONS No. DATE INITIALS 1 2 3 4 5 6 7 8 9 10		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS  <b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS 184-001377 DECATUR CHICAGO (317) 432-8544 (773) 714-0050 ROCKFORD (815) 489-0050
DRAWN BY DATE RLK 7/07 CHECKED BY DATE CAS 7/07 BOOK NUMBER 469 PROJECT NO. 5245 SHEET NO.		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	7

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



- LEGEND**
- (A) 1 1/2" HOT MIX ASPHALT SURFACE COURSE
  - (B) 4 1/2" HOT MIX ASPHALT BINDER COURSE
  - (C) •PROCESSING MODIFIED SOIL, 10"
  - (D) 4 1/2" HOT MIX ASPHALT SHOULDER
  - (E) 6" AGGREGATE SHOULDER TYPE B

REVISIONS			PROPOSED TYPICAL SECTIONS	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE RLK 7/07	
2			CHECKED BY DATE CAS 7/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6				
7				
8				
9				
10				

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-061297

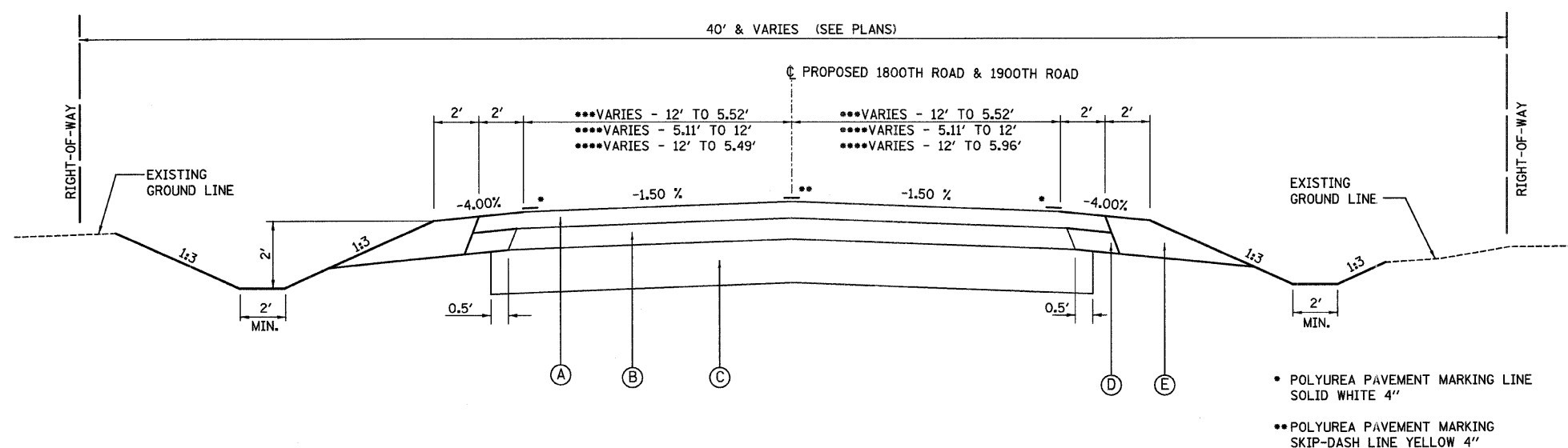
DECATUR CHICAGO  
(317) 422-8644 (773) 714-0060

ROCKFORD  
(815) 489-0060

\*SEE SCHEDULES FOR TYPE.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	8
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

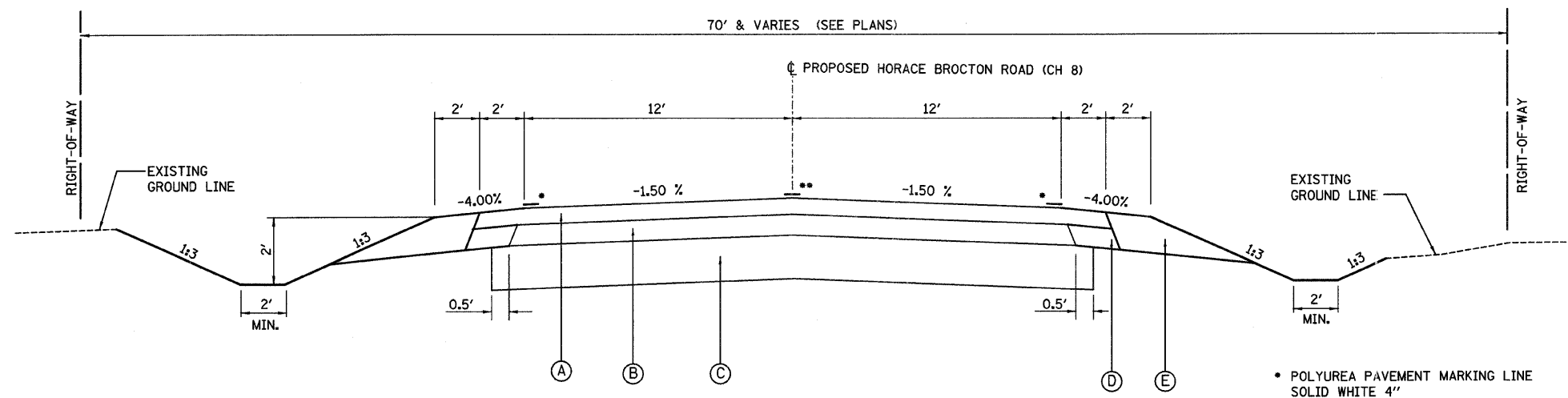
\* 05-00092-01-PV



PROPOSED TYPICAL SECTION - 1800TH ROAD & 1900TH ROAD

\*\*\* 1800TH ROAD  
STA 500+12 TO STA 501+48.32  
\*\*\*\* 1900TH ROAD  
STA 601+51.58 TO STA 601+88  
STA 602+12 TO STA 603+31.70

- POLYUREA PAVEMENT MARKING LINE SOLID WHITE 4"
- POLYUREA PAVEMENT MARKING SKIP-DASH LINE YELLOW 4"




PROPOSED TYPICAL SECTION - HORACE BROCTON ROAD (CH 8)

STA 296+00 TO STA 314+75

- POLYUREA PAVEMENT MARKING LINE SOLID WHITE 4"
- POLYUREA PAVEMENT MARKING SKIP-DASH LINE YELLOW 4"

LEGEND

- (A) 1 1/2" HOT MIX ASPHALT SURFACE COURSE
- (B) 4 1/2" HOT MIX ASPHALT BINDER COURSE
- (C) PROCESSING MODIFIED SOIL 10"
- (D) 4 1/2" HOT MIX ASPHALT SHOULDER
- (E) 6" AGGREGATE SHOULDER TYPE B

REVISIONS			PROPOSED TYPICAL SECTIONS	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY: RLK	DATE: 7/07
2			CHECKED BY: CAS	DATE: 7/07
3			BOOK NUMBER	469
4			PROJECT No.	5245
5			SHEET No.	
6				
7			DECATUR CHICAGO (317) 422-8544 (773) 714-0050 ROCKFORD (815) 489-0050	
8			184-001297	
9				
10				

\*SEE SCHEDULES FOR TYPE.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	9

**DRAINAGE SCHEDULE**

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV

ALIGNMENT	STATION	OFFSET	STATION	OFFSET	PIPE CULVERTS										PRECAST REINFORCED CONCRETE FLARED END SECTION					TRENCH BACKFILL (CU YD)	STONE RIPRAP CLASS A3 (TON)	FILTER FABRIC (SQ YD)				
					CLASS A TYPE 1 18"	CLASS A TYPE 1 24"	CLASS A TYPE 1 30"	CLASS A TYPE 1 36"	CLASS A TYPE 1 48"	CLASS D TYPE 1 12"	CLASS D TYPE 1 15"	CLASS D TYPE 1 18"	CLASS D TYPE 1 21"	18"	24"	30"	36"	48"								
					(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)							
SHILOH ROAD (CH11)																										
	9+40.00	16.0' Lt	9+40.00	24.0' Rt	40.0													2.0					6.0			
	10+44.00	30.5' Lt	10+44.00	34.5' Rt	65.0													2.0					10.0	0.5	1.0	
	12+64.00	28.5' Lt	13+00.00	28.5' Lt											36.0											
	14+32.00	29.0' Lt	14+68.00	29.0' Lt											36.0											
	16+78.00	18.6' Lt	16+78.00	18.9' Rt			38.0															2.0		7.0	2.0	4.0
	16+84.00	28.0' Lt	17+24.00	28.0' Lt											40.0											
	30+03.00	27.0' Rt	30+33.00	27.0' Rt						30.0																
	36+55.00	29.0' Rt	36+91.00	29.0' Rt											36.0											
	37+49.00	19.4' Lt	37+49.00	19.6' Rt			39.0															2.0		5.0		
	42+12.00	28.0' Lt	42+52.00	28.0' Lt						40.0																
	49+95.00	25.0' Lt	50+27.00	25.0' Lt											32.0											
	54+24.00	18.0' Lt	54+24.00	18.0' Rt	36.0												2.0						4.0	0.5	1.0	
	54+24.00	18.0' Lt	54+24.00	18.0' Rt	36.0												2.0						4.0	0.5	1.0	
	56+26.00	27.0' Rt	56+58.00	27.0' Rt											32.0											
	76+43.00	30.0' Rt	76+83.00	30.0' Rt											40.0											
	77+78.00	25.0' Lt	78+52.00	25.0' Lt											74.0											
	81+84.00	24.0' Lt	83+10.00	24.0' Lt											126.0											
	81+84.00	24.0' Lt	83+10.00	24.0' Lt											126.0											
	84+22.00	26.0' Lt	84+58.00	26.0' Lt											36.0											
	86+00.00	27.0' Lt	86+36.00	27.0' Lt																						
	89+88.00	31.0' Lt	90+32.00	31.0' Lt											44.0											
	91+00.00	24.5' Lt	91+00.00	21.5' Rt			46.0										2.0						11.0			
	102+69.00	20.0' Lt	102+69.00	19.0' Rt						39.0												2.0		16.0	3.0	6.0
	103+08.00	37.0' Lt	103+56.00	37.0' Lt											48.0											
	110+02.00	30.0' Lt	110+40.00	30.0' Lt											38.0											
	115+23.00	25.0' Lt	115+59.00	25.0' Lt											36.0											
	117+50.00	15.5' Lt	117+50.00	15.5' Rt	31.0'												2.0						4.0			
	117+50.00	15.5' Lt	117+50.00	15.5' Rt	31.0'												2.0						4.0			
	129+79.00	26.0' Rt	130+11.00	26.0' Rt						32.0																
HORACE BROCTON ROAD (CH8)																										
	303+57.60	24.0' Rt	303+87.60	24.0' Rt											30.0											
	305+45.00	26.0' Rt	305+79.00	26.0' Rt											34.0											
	310+96.00	31.0' Lt	311+34.00	31.0' Lt											38.0											
PROJECT TOTAL					199.0	46.0	39.0	38.0	39.0	224.0	458.0	302.0	36.0	12.0	2.0	2.0	2.0	2.0	2.0	71.0	6.5	13.0				

**EARTHWORK SCHEDULE**

LOCATION	STATION TO STATION	1 EARTH EXCAVATION (CY)	2 *EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (COL 1 x 0.80) (CY)	3 *EMBANKMENT (FILL) (CY)	4 EARTHWORK BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) (COL 2 - COL 3) (CY)
STAGE 1					
HORACE BROCTON ROAD (CH8)	296+00 314+75	5,633	4,506	1,535	2,971
SHILOH ROAD (CH11)	7+00 11+50	492	394	526	-132
	11+50 46+00	0	0	2,772	-2,772
SUB-TOTAL STAGE 1		6,125	4,900	4,833	67
STAGE 2					
SHILOH ROAD (CH11)	11+50 139+00	6,701	5,361	6,999	-1,638
1800th ROAD		81	65	29	36
1900th ROAD		110	88	113	-26
ENTRANCES		0	0	896	-896
SUB-TOTAL STAGE 2		6,892	5,514	8,037	-2,523
PROJECT TOTAL		13,017	10,414	12,870	-2,456

EARTH EXCAVATION SHRINKAGE FACTOR = 20%  
ITEMS MARKED WITH AN ASTERISK (\*) ARE FOR INFORMATIONAL PURPOSES ONLY

**STORM SEWER SCHEDULE**

ALIGNMENT	STATION	OFFSET	STATION	OFFSET	STORM SEWER, PROTECTED				
					8"	10"	12"	18"	24"
					(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
SHILOH ROAD (CH11)									
	16+85.00	35.0' Lt	16+85.00	43.0' Rt	78				
	54+30.00	33.0' Lt	54+30.00	36.0' Rt	69				
	75+92.00	51.0' Lt	75+91.00	51.0' Rt					102
	95+04.00	37.0' Lt	95+04.00	48.0' Rt					85
	102+33.00	45.0' Lt	102+97.00	45.0' Rt	111				
	102+61.00	45.0' Lt	102+60.00	43.0' Rt		88			
	103+33.00	46.0' Lt	103+32.00	44.0' Rt			90		
	116+68.00	148.0' Lt	116+68.00	131.0' Rt				280	
PROJECT TOTAL					258.0	88.0	90.0	280.0	187.0

**SCHEDULE OF QUANTITIES**

REVISIONS NO. DATE INITIALS 1 2 3 4 5 6 7 8 9 10		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS  <b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS 184-001377 DECATUR CHICAGO (317) 432-8544 (773) 714-0050 ROCKFORD (815) 489-0050	DRAWN BY DATE RLK 7/07 CHECKED BY DATE CAS 7/07 BOOK NUMBER 469 PROJECT No. 5245 SHEET No.
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	10
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV

### ENTRANCE SCHEDULE

STATION	TYPE	WIDTH (FT)	AGGREGATE SURFACE COURSE, TYPE B (TON)	INCIDENTAL HOT MIX ASPHALT SURFACING (TON)	
12+82	LT	PE	16	14.8	1.4
14+50	LT	PE	16	14.2	1.4
17+04	LT	FE	20	19.3	1.6
29+95	LT	FE	22	13.0	1.8
30+18	RT	FE	24	21.3	2.0
36+73	RT	FE	20	24.4	1.6
42+32	LT	FE	20	17.0	1.6
50+11	LT	FE	20	14.1	1.6
56+42	RT	PE	20	16.3	1.6
76+63	LT	FE	16	16.6	1.4
77+98	LT	PE	24	17.8	2.0
78+31	LT	PE	24	17.8	2.0
79+80	LT	PE	20	9.6	1.6
82+08	LT	CE	35	24.6	2.8
82+87	LT	CE	35	24.6	2.8
84+40	LT	PE	24	16.9	2.0
86+18	LT	PE	24	19.6	2.0
90+10	LT	FE	24	22.2	2.0
90+13	RT	FE	24	17.8	2.0
103+32	LT	FE	20	28.9	1.6
110+21	LT	FE	20	18.5	1.6
115+31	RT	PE	20	14.1	1.6
115+41	LT	FE	20	14.1	1.6
129+95	RT	FE	16	11.3	1.4
302+23	RT	PE	35	38.5	3.0
303+72	RT	PE	16	20.7	1.3
305+62	RT	PE	12	26.7	1.1
311+15	LT	FE	20	18.5	1.6
PROJECT TOTAL			532.0	50.0	

### EROSION CONTROL SCHEDULE

ALIGNMENT	LOCATION			TEMPORARY EROSION CONTROL SEEDING (ACRES)	INLET AND PIPE PROTECTION (EACH)
	STATION	TO	STATION		
SHILOH ROAD (CH11)	7+50.00		139+00.00	11.40	
			9+40.00	20.0' Lt	1
			10+44.00	30.5' Lt	1
			13+00.00	28.5' Lt	1
			14+68.00	29.0' Lt	1
			16+78.00	18.6' Lt	1
			17+24.00	28.0' Lt	1
			30+03.00	27.0' Rt	1
			36+55.00	29.0' Rt	1
			37+49.00	19.4' Lt	1
			42+52.00	28.0' Lt	1
			49+95.00	25.0' Lt	1
			54+24.00	18.0' Lt	1
			54+24.00	18.0' Lt	1
			56+58.00	27.0' Rt	1
			75+62.00	30.1' Lt	1
			76+83.00	30.0' Rt	1
			78+52.00	25.0' Lt	1
			81+84.00	21.0' Lt	1
			84+22.00	26.0' Lt	1
			86+00.00	27.0' Lt	1
			89+88.00	31.0' Lt	1
			89+92.00	36.0' Rt	1
			91+00.00	28.0' Lt	1
			102+69.00	21.0' Lt	1
			103+56.00	37.0' Lt	1
			110+40.00	30.0' Lt	1
		115+59.00	25.0' Lt	1	
		117+50.00	15.5' Lt	1	
		129+79.00	26.0' Rt	1	
HORACE BROCTON ROAD (CH8)	296+00		314+75.00	1.60	
			303+57.60	24.0' Rt	1
			305+45.00	26.0' Rt	1
			310+96.00	31.0' Lt	1
PROJECT TOTAL				13.00	32

### EXPLORATION TRENCH SCHEDULE

ALIGNMENT	STA	O/S Lt	STA	O/S Rt	LENGTH (FT)
CH 11	7+50.00	35.0'	9+65.00	35.0'	215.00
	10+35.00	35.0'	63+20.00	35.0'	5285.00
	63+60.00	35.0'	116+65.00	30.0'	5305.00
	117+03.00	30.0'	136+00.00	30.0'	1897.00
CH 8	296+00.00	35.0'	308+60.00	45.0'	1260.00
	309+40.00	45.0'	314+75.00	30.0'	535.00
Total					14,497
+10%					1,450
PROJECT TOTAL					15,947

### SEEDING SCHEDULE

ALIGNMENT	LOCATION				SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 1 (ACRE)
	STATION	O/S	STATION	O/S					
SHILOH ROAD (CH11)	7+50	Lt	139+00	Lt	6.00	540.00	540.00	540.00	6.00
	7+50	Rt	139+00	Rt	5.00	450.00	450.00	450.00	5.00
HORACE BROCTON ROAD (CH8)	296+00	RT	314+75	RT	1.00	90.00	90.00	90.00	1.00
	296+00	LT	314+75	LT	1.00	90.00	90.00	90.00	1.00
PROJECT TOTAL					13.00	1170.00	1170.00	1170.00	13.00

### SCHEDULE OF QUANTITIES

REVISIONS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY RLK 7/07
No.	DATE	INITIALS		CHECKED BY CAS 7/07
1				BOOK NUMBER 469
2				PROJECT No. 5245
3				SHEET No.
4				
5				
6				
7				
8				
9				
10				

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
 CONSULTING ENGINEERS  
 184-001297  
 DECATUR CHICAGO  
 (217) 423-8444 (773) 714-0060  
 ROCKFORD  
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	11

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV


### REMOVAL SCHEDULE

ALIGNMENT	STATION	LOCATION		PAVEMENT REMOVAL (SQ YD)	REMOVE EXISTING CULVERTS (EACH)	REMOVE RIGHT OF WAY MARKERS (EACH)	
		OFFSET	STATION				
SHILOH ROAD (CH11)							
	7+50.00	22.04' Lt	8+00.00	22.00' Rt	122.00		
	8+00.00	22.00' Lt	9+51.20	22.00' Rt	370.00		
CH11 & CH8 INTERSECTION							
			10+25.00	AR		1	
			12+82.00	26.0' Lt		1	
			14+50.00	27.0' Lt		1	
			16+78.00	AR		1	
			36+73.00	28.0' Rt		1	
			37+49.00	AR		1	
			50+11.00	23.5' Lt		1	
			54+24.00	AR		1	
			56+42.00	28.0' Rt		1	
			76+63.00	25.0' Lt		1	
			77+75.00	25.0' Lt		1	
			79+80.00	23.0' Lt		1	
			82+50.00	25.0' Lt		1	
			84+40.00	24.0' Lt		1	
			86+16.00	26.0' Lt		1	
			90+10.00	26.0' Lt		1	
			91+00.00	AR		1	
			102+69.00	AR		1	
			103+32.00	30.5' Lt		1	
			110+21.00	27.9' Lt		1	
			115+41.00	24.0' Lt		1	
			117+16.00	27.0' Rt		1	
			117+47.00	AR		1	
			129+95.00	15.0' Rt		1	
HORACE BROCTON ROAD (CH8)							
	296+00.00	21.00' Lt	296+46.00	22.00' Rt	110.00		
	296+46.00	22.00' Lt	308+00.00	22.00' Rt	2821.00		
			302+23.00	38.0' Rt		1	
			303+73.00	37.8' Rt		1	
			305+62.00	39.0' Rt		1	
			307+00.00	10.5' Lt		1	
			309+61.00	14.6' Lt		1	
	310+00.00	22.00' Lt	314+00.00	22.00' Rt	978.00		
	314+00.00	22.00' Lt	314+75.00	21.22' Rt	180.00		
1900TH ROAD							
	601+63.50	19.10' Rt				1	
PROJECT TOTAL					5,338.00	29	1

### PAVEMENT MARKING SCHEDULE

STATION	ALIGNMENT	OFFSET	STATION	ALIGNMENT	OFFSET	POLYUREA PAVEMENT MARKING TYPE 1, LINE			RAISED REFLECTIVE PAVEMENT MARKER (EACH)
						4" WHITE SOLID (FOOT)	4" YELLOW SKIP-DASH (FOOT)	24" WHITE SOLID (FOOT)	
7+50.00	CH 11	LT	9+49.85	CH 11	LT	200.00			
7+50.00	CH 11	CL	9+85.00	CH 11	CL		59.00		3.00
9+49.85	CH 11	LT	308+37.13	CH 8	LT	79.00			
308+38.03	CH 8	LT	10+73.86	CH 11	LT	78.00			
9+91.00	CH 11							29.00	
10+30.00	CH 11	CL	136+00.00	CH 11	CL		3,143.00		157.00
10+33.00	CH 11							29.00	
10+73.86	CH 11	LT	116+29.25	CH 11	LT	10,555.00			
116+29.25	CH 11	LT	601+49.30	1900TH	LT	61.00			
601+52.15	1900TH	LT	117+32.98	CH 11	LT	59.00			
117+32.98	CH 11	LT	136+00.00	CH 11	LT	1,867.00			
7+50.00	CH 11	RT	9+50.03	CH 11	RT	200.00			
9+50.03	CH 11	RT	309+61.87	CH 8	RT	79.00			
309+61.31	CH 8	LT	10+74.03	CH 11	LT	78.00			
10+74.03	CH 11	RT	62+87.33	CH 11	RT	5,213.00			
62+87.33	CH 11	RT	500+47.47	1800TH	RT	59.00			
500+51.34	1800TH	LT	63+91.11	CH 11	LT	62.00			
63+91.11	CH 11	RT	116+32.11	CH 11	RT	5,241.00			
116+32.11	CH 11	RT	602+47.41	1900TH	RT	59.00			
602+50.82	1900TH	LT	117+35.85	CH 11	LT	61.00			
117+35.85	CH 11	RT	136+00.00	CH 11	RT	1,864.00			
296+00.00	CH 8	CL	314+75.00	CH 8	CL		470.00		24.00
296+00.00	CH 8	LT	308+38.03	CH 8	LT	1,238.00			
309+61.31	CH 8	LT	314+75.00	CH 8	LT	514.00			
296+00.00	CH 8	RT	308+37.13	CH 8	RT	1,237.00			
309+61.87	CH 8	RT	314+75.00	CH 8	RT	513.00			
500+22.00	1800TH							24.00	
500+23.00	1800TH	CL	501+48.03	1800TH	CL		125.00		
500+51.34	1800TH	LT	501+48.33	1800TH	LT	97.00			
500+47.47	1800TH	RT	501+48.31	1800TH	RT	101.00			
600+51.58	1900TH	CL	601+77.00	1900TH	CL		125.00		
600+51.58	1900TH	LT	601+52.15	1900TH	LT	101.00			
602+50.82	1900TH	LT	603+31.70	1900TH	LT	81.00			
600+51.58	1900TH	RT	601+49.30	1900TH	RT	98.00			
601+78.00								25.00	
602+22.00								25.00	
602+47.41	1900TH	RT	603+31.69	1900TH	RT	84.00			
602+23.00	1900TH	CL	603+31.67	1900TH	CL		109.00		
ITEM TOTAL						29,879.00	4,031.00	132.00	184.00
PROJECT TOTAL						33,910.00	132.00	184.00	

### SCHEDULE OF QUANTITIES

REVISIONS		SHILOH ROAD (CH 11)		DRAWN BY DATE	
No.	DATE	INITIALS	EDGAR COUNTY, ILLINOIS	RLK	7/07
1				CHECKED BY DATE	
2				CAS	7/07
3				BOOK NUMBER	469
4				PROJECT No.	5245
5				SHEET No.	
6					
7				DECATUR CHICAGO (317) 422-8544 (773) 714-0060 ROCKFORD (815) 489-0050	
8				184-001297	
9					
10					

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	12

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV


### ROADWAY SCHEDULE

ALIGNMENT	STATION	TO STATION	PROCESSING MODIFIED SOIL 10" (SQ YD)	LIME (TON)	PORTLAND CEMENT (TON)	BITUMINOUS MATERIALS PRIME COAT (GAL)	AGGREGATE PRIME COAT (TON)	AGGREGATE SHOULDERS, TYPE B (TON)	HOT-MIX ASPHALT SHOULDERS 4 1/2" (SQ YD)	POLYMERIZED HOT-MIX ASPHALT SURFACE CSE MIX "C", N70 (TON)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-19.0 N70 (TON)
SHILOH ROAD (CH 11)	7+50.00	8+00.00	139.00	5.00		131.00	0.50	10.00	22.00	13.00	33.00
	8+00.00	9+00.00	289.00	10.00		274.00	1.10	20.00	44.00	26.00	69.00
CH 11 & CH 8 INTERSECTION			1,309.00	47.00		1,262.00	5.00	60.00	136.00	117.00	318.00
	11+00.00	11+50.00	144.00	5.00		137.00	0.50	10.00	22.00	13.00	34.00
CH 11 & 1800TH ROAD INTERSECTION	11+50.00	62+00.00	14,589.00		523.00	13,820.00	55.40	997.00	2,245.00	1,325.00	3,483.00
			968.00		35.00	921.00	3.70	59.00	136.00	88.00	232.00
CH 11 & 1900TH ROAD INTERSECTION	64+00.00	116+00.00	15,022.00		539.00	14,231.00	56.90	1,026.00	2,311.00	1,365.00	3,586.00
			1,321.00		47.00	1,260.00	5.00	77.00	176.00	118.00	317.00
CH 8 - HORACE BROCTON ROAD	118+00.00	135+00.00	4,911.00		176.00	4,652.00	18.60	336.00	756.00	446.00	1,172.00
	135+00.00	136+00.00	254.00		9.00	238.00	1.00	20.00	44.00	23.00	60.00
CH 11 & CH 8 INTERSECTION	296+00.00	296+46.00	126.00	5.00		118.00	0.50	9.00	20.00	11.00	30.00
	296+46.00	308+00.00	3,334.00	120.00		3,158.00	12.60	228.00	513.00	303.00	796.00
CH 11 & CH 8 INTERSECTION	310+00.00	314+00.00	1,156.00	41.00		1,095.00	4.40	79.00	178.00	105.00	276.00
	314+00.00	314+75.00	204.00	7.00		193.00	0.80	15.00	33.00	19.00	49.00
PROJECT TOTAL			43,766.00	240.00	1,329.00	41,490.00	166.00	2,946.00	6,636.00	3,972.00	10,455.00

### SIGNING SCHEDULE

LOCATION	STATION	O/S	SIGN TYPE	RE-ERECT LOCATION		SIGN PANEL TYPE 1 (SQ FT)	METAL POST TYPE B (FOOT)	REMOVE AND RE-ERECT EXISTING SIGN (EACH)	REMOVE AND REPLACE DELINEATORS (EACH)	SIGN REMOVAL
				STATION	O/S					
SHILOH ROAD (CH11)	9+10.80	19.4' LT	ROAD DESIGNATION	9+10.80	20' LT			1		
	9+65.50	19.7' RT	STOP							1
	9+76.55	33.3' RT	R1-1			6.40	11.50			
	10+23.26	33.6' RT	R1-1			6.40	11.50			
	10+32.80	33.6' RT	ROAD DESIGNATION	10+45.00	63' RT			1		
	10+35.30	19.3' LT	STOP							1
	10+44.00	LT & RT							2	
	10+91.00	16.4' RT	ROAD DESIGNATION	10+91.00	20' RT			1		
	14+26.10	16.4' LT	WARNING	14+26.10	20' LT			1		
	16+78.00	LT & RT							2	
37+49.00	LT & RT							2		
54+22.00	LT & RT							2		
75+78.00	LT & RT							2		
91+00.00	LT & RT							2		
102+69.00	LT & RT							2		
117+01.80	22.8' LT	ROAD DESIGNATION	117+30.00	20' LT			1			
HORACE BROCTON ROAD (CH8)	303+87.40	35.5' RT	WARNING	303+87.40	35.5' RT			1		
	308+07.30	2.5' LT	ROAD DESIGNATION	308+07.30	20' LT			1		
	309+89.70	27.8' RT	ROAD DESIGNATION	309+89.70	27.8' RT			1		
1800TH ROAD	500+24.30	28.2' LT	R1-1			6.40	11.50			
	500+35.40	16.1' LT	STOP							1
	500+36.60	23.8' RT	ROAD DESIGNATION	500+36.00	23.8' RT			1		
1900TH ROAD	601+74.50	28.7' RT	R1-1			6.40	11.50			
	601+64.70	19.6' LT	STOP							1
	602+24.10	29.2' LT	R1-1			6.40	11.50			
	602+46.30	15.4' LT	STOP							1
PROJECT TOTAL						32.00	58.00	9.00	14.00	5.00

### SCHEDULE OF QUANTITIES

REVISIONS		SHILOH ROAD (CH 11)		DRAWN BY DATE	
No.	DATE	EDGAR COUNTY, ILLINOIS		RLK	7/07
1				CAS	7/07
2				BOOK NUMBER	469
3				PROJECT No.	5245
4				SHEET No.	
5					
6				DECATUR CHICAGO (817) 432-8544 (773) 714-0050 ROCKFORD (815) 489-0050	
7				184-001377	
8					
9					
10					

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	13
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV

**RIGHT-OF-WAY MARKER SCHEDULE**

ALIGNMENT SHILOH ROAD (CH11)	LOCATION				LOCATION				ALIGNMENT (CH8)	LOCATION			
	STATION	OFFSET	DIRECTION	QUANTITY	STATION	OFFSET	DIRECTION	QUANTITY		STATION	OFFSET	DIRECTION	QUANTITY
	10+52.41	53.17	LT	1	8+00.00	38.64	RT	1	296+00.00	32.27	LT	1	
	10+66.80	35.69	LT	1	9+50.00	50.00	RT	1	296+46.05	34.00	LT	1	
	12+50.00	35.61	LT	1	9+65.85	60.21	RT	1	299+51.92	35.00	LT	1	
	12+50.00	40.00	LT	1	10+54.02	62.88	RT	1	301+00.00	38.00	LT	1	
	15+00.00	40.00	LT	1	10+75.00	45.00	RT	1	302+27.89	38.50	LT	1	
	15+00.00	35.50	LT	1	16+00.00	45.00	RT	1	303+00.00	38.00	LT	1	
	30+00.00	34.80	LT	1	18+00.00	43.00	RT	1	304+00.00	43.00	LT	1	
	32+00.00	42.00	LT	1	19+00.00	40.00	RT	1	305+00.00	46.00	LT	1	
	37+50.00	42.00	LT	1	19+50.00	40.00	RT	1	307+00.00	44.50	LT	1	
	39+00.00	40.00	LT	1	30+00.00	42.00	RT	1	310+00.00	42.50	LT	1	
	48+00.00	40.00	LT	1	30+60.00	42.00	RT	1	312+00.00	38.50	LT	1	
	49+50.00	33.74	LT	1	31+00.00	40.00	RT	1	314+00.00	40.00	LT	1	
	58+00.00	33.25	LT	1	36+50.00	40.00	RT	1	314+75.00	34.76	LT	1	
	59+00.00	36.00	LT	1	36+50.00	35.50	RT	1					
	61+00.00	38.00	LT	1	63+00.00	37.05	RT	1	312+38.83	37.79	RT	1	
	65+00.00	43.00	LT	1	63+19.82	70.59	RT	1	313+00.00	43.00	RT	1	
	75+00.00	43.00	LT	1	63+59.80	69.41	RT	1	314+00.00	43.00	RT	1	
	76+00.00	52.00	LT	1	63+75.00	40.00	RT	1	314+75.00	35.24	RT	1	
	78+00.00	33.84	LT	1	74+50.00	40.00	RT	1					
	86+00.00	31.62	LT	1	74+98.58	46.35	RT	1					
	90+08.59	45.00	LT	1	102+81.75	45.05	RT	1					
	95+00.00	40.00	LT	1	105+00.00	43.00	RT	1					
	97+00.00	45.00	LT	1	110+00.03	43.00	RT	1					
	110+00.00	45.00	LT	1	114+00.00	33.92	RT	1					
	111+70.12	35.94	LT	1	116+53.78	33.76	RT	1					
	116+49.68	36.24	LT	1	116+61.07	50.09	RT	1					
	116+58.37	54.32	LT	1	116+64.82	85.30	RT	1					
	116+59.68	84.35	LT	1	117+05.03	92.51	RT	1					
	116+99.66	85.54	LT	1	117+06.70	54.74	RT	1					
	117+03.62	54.39	LT	1	117+35.00	35.00	RT	1					
	117+20.00	35.00	LT	1	124+00.00	35.00	RT	1					
	124+00.00	35.00	LT	1	126+00.00	45.00	RT	1					
	127+00.00	45.00	LT	1	128+00.00	45.00	RT	1					
	130+00.00	40.00	LT	1	130+21.69	35.00	RT	1					
	137+00.00	40.00	LT	1	137+00.00	35.00	RT	1					
	139+50.00	45.00	LT	1	139+00.00	45.00	RT	1					
	141+00.00	45.00	LT	1	140+00.00	45.00	RT	1					
	143+00.00	40.00	LT	1	143+00.00	43.00	RT	1					
	143+57.76	40.00	LT	1	143+60.09	40.00	RT	1					
	143+58.13	29.00	LT	1	143+59.72	25.68	RT	1					
CH 11 TOTAL					40				CH 8 TOTAL	17			
PROJECT TOTAL					97								

**SURVEY MARKER VAULT SCHEDULE**

ALIGNMENT SHILOH ROAD (CH11)	LOCATION				QUANTITY
	STATION	OFFSET	NORTH	EAST	
	9+99.19	0.73' Lt	1111283.850	1118951.090	1
	36+68.52	0.51' Rt	1113952.974	1118917.708	1
	62+37.89	2.07' Rt	1116622.139	1118884.652	1
	90+10.20	3.40' Rt	1119294.185	1118848.333	1
	116+82.51	1.26' Lt	1121966.231	1118812.015	1
PROJECT TOTAL					5

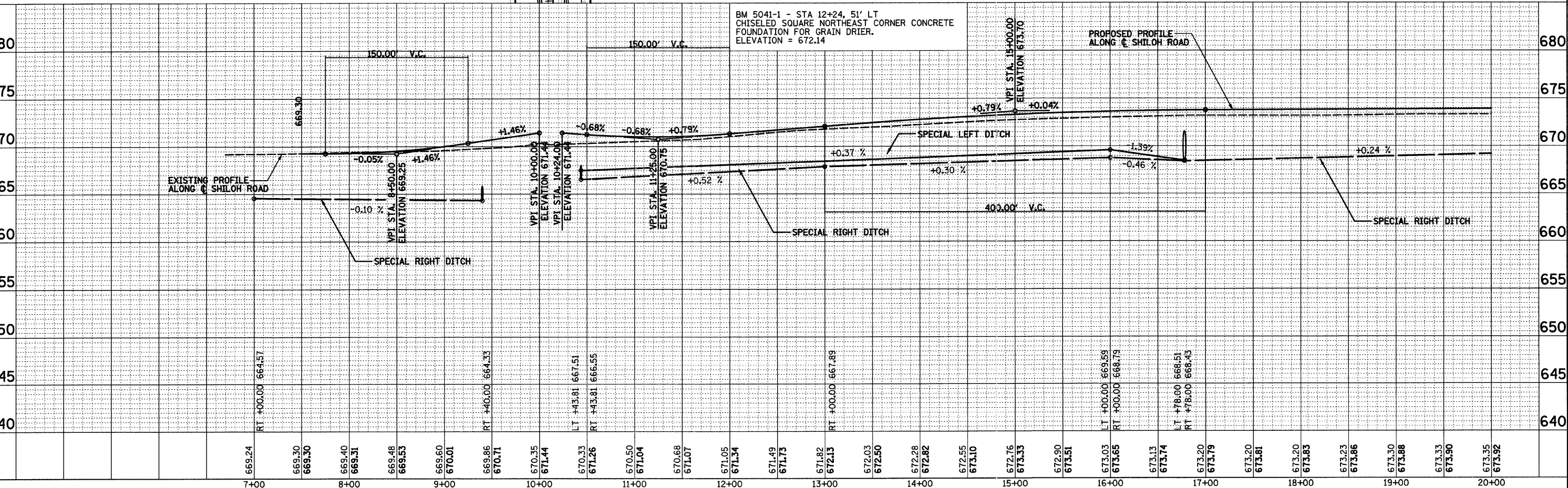
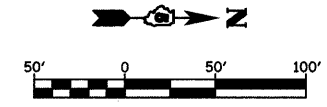
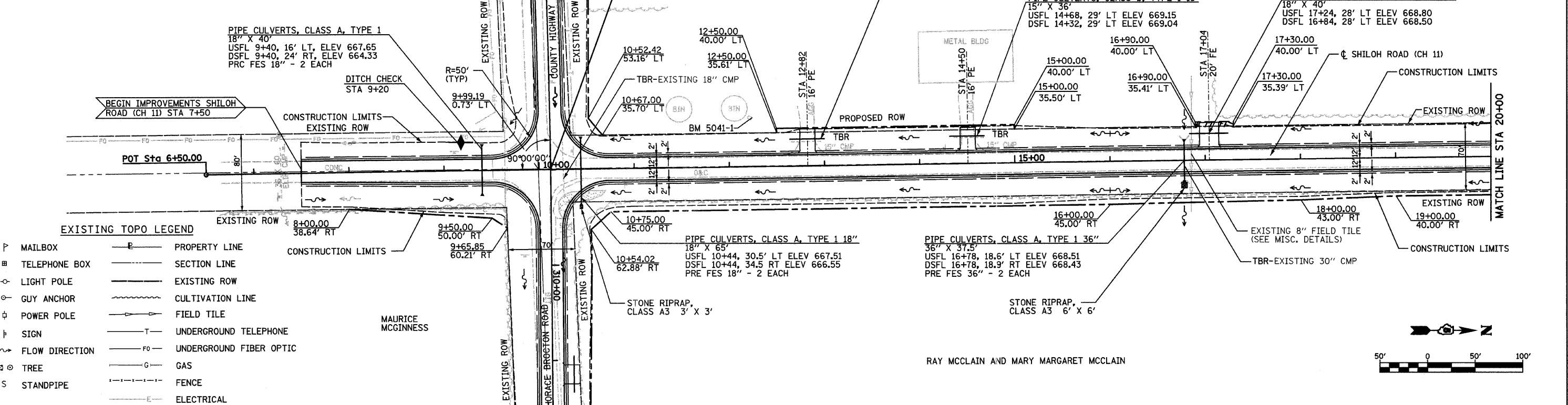
REVISIONS			DRAWN BY DATE	
No.	DATE	INITIALS	RLK	7/07
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

<b>SCHEDULE OF QUANTITIES</b>	
SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
<b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> <small>CONSULTING ENGINEERS</small> <small>184-001897</small>	<small>DECATUR CHICAGO</small> <small>(317) 422-8644 (773) 714-0050</small> <small>ROCKFORD</small> <small>(815) 489-0050</small>
CHECKED BY DATE CAS 7/07	BOOK NUMBER 469
PROJECT No. 5245	SHEET No.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	14
STA.	TO STA.			
FED. RD. DIST. NO. 7	ILLINOIS	PROJECT		

\*05-00092-01-PV

- PROPOSED LEGEND**
- FLOW DIRECTION
  - END SECTION
  - CONSTRUCTION LIMITS
  - PROPOSED ROW
  - PROPOSED TEMPORARY EASEMENT
  - TO BE REMOVED
- RAY MCCLAIN & MARY MARGARET MCCLAIN



PLAN

DATE	BY
NO.	NO.

NO. \_\_\_\_\_

CHASTAIN & ASSOCIATES, LLP  
 1111 N. WASHINGTON ST. SUITE 200  
 CHICAGO, IL 60610  
 (312) 467-8844

PROFILE

DATE	BY
NO.	NO.

NO. \_\_\_\_\_

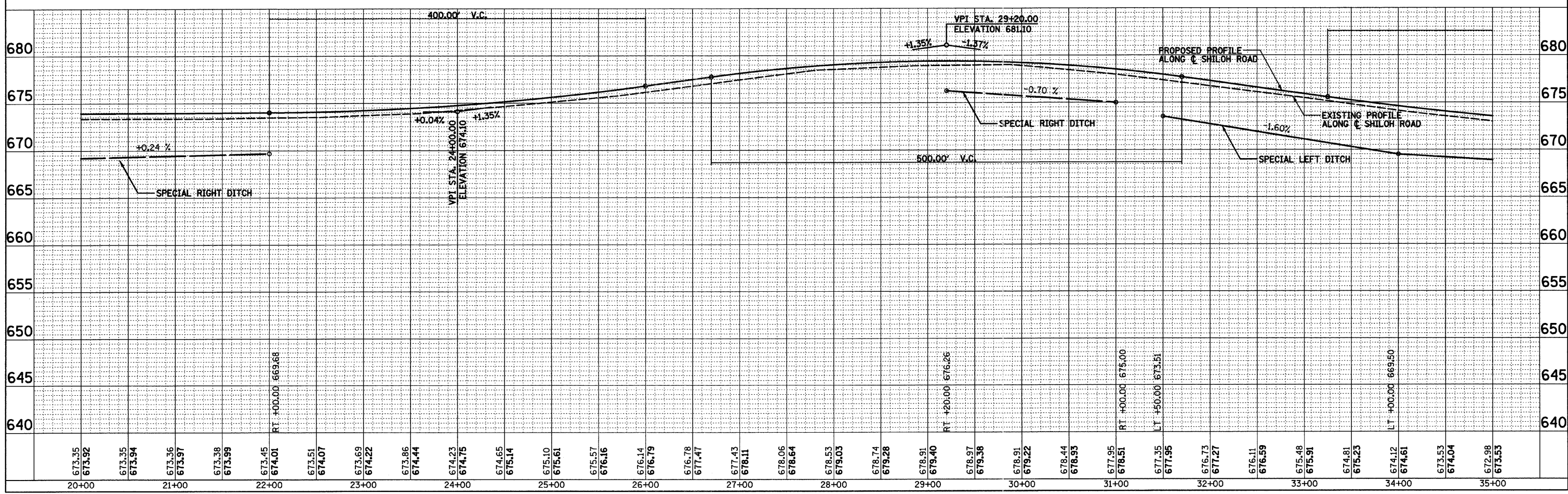
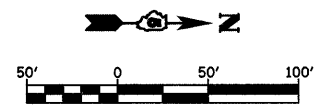
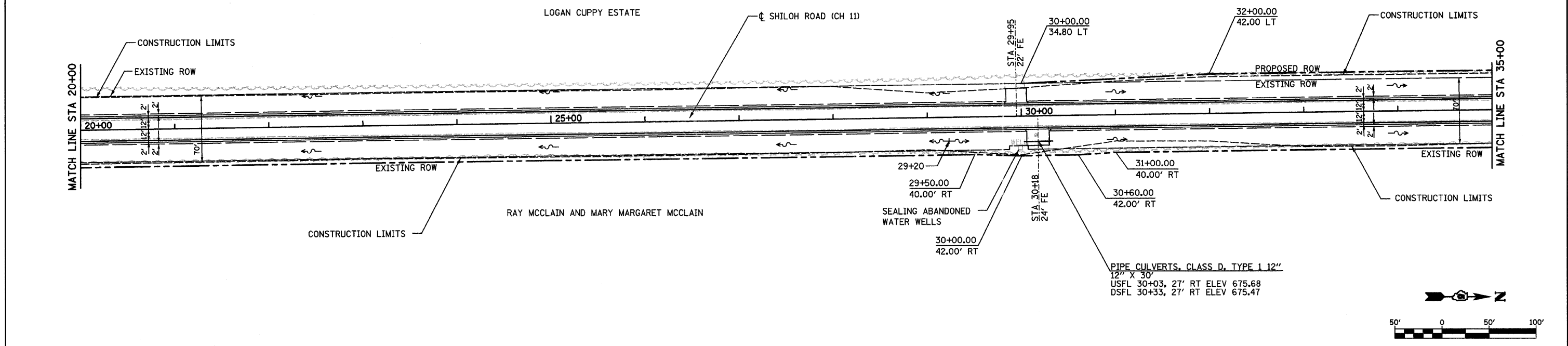
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	15
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	

\*05-00092-01-PV

**PLAN**  
 SUBMITTED  
 PLOTTED  
 NOTEBOOK  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

ROBERT I. CHASTAIN  
 & ASSOCIATES, LLP  
 ENGINEERING ARCHITECTURE  
 CHICAGO  
 60601  
 (312) 467-4400  
 ROCKFORD  
 (815) 999-9900

**PROFILE**  
 SUBMITTED  
 PLOTTED  
 NOTEBOOK  
 GRADES CHECKED  
 SPS INFO  
 STRUCTURE NOTATIONS CHECKED  
 NO. \_\_\_\_\_

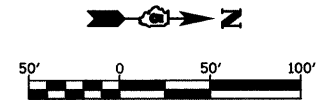
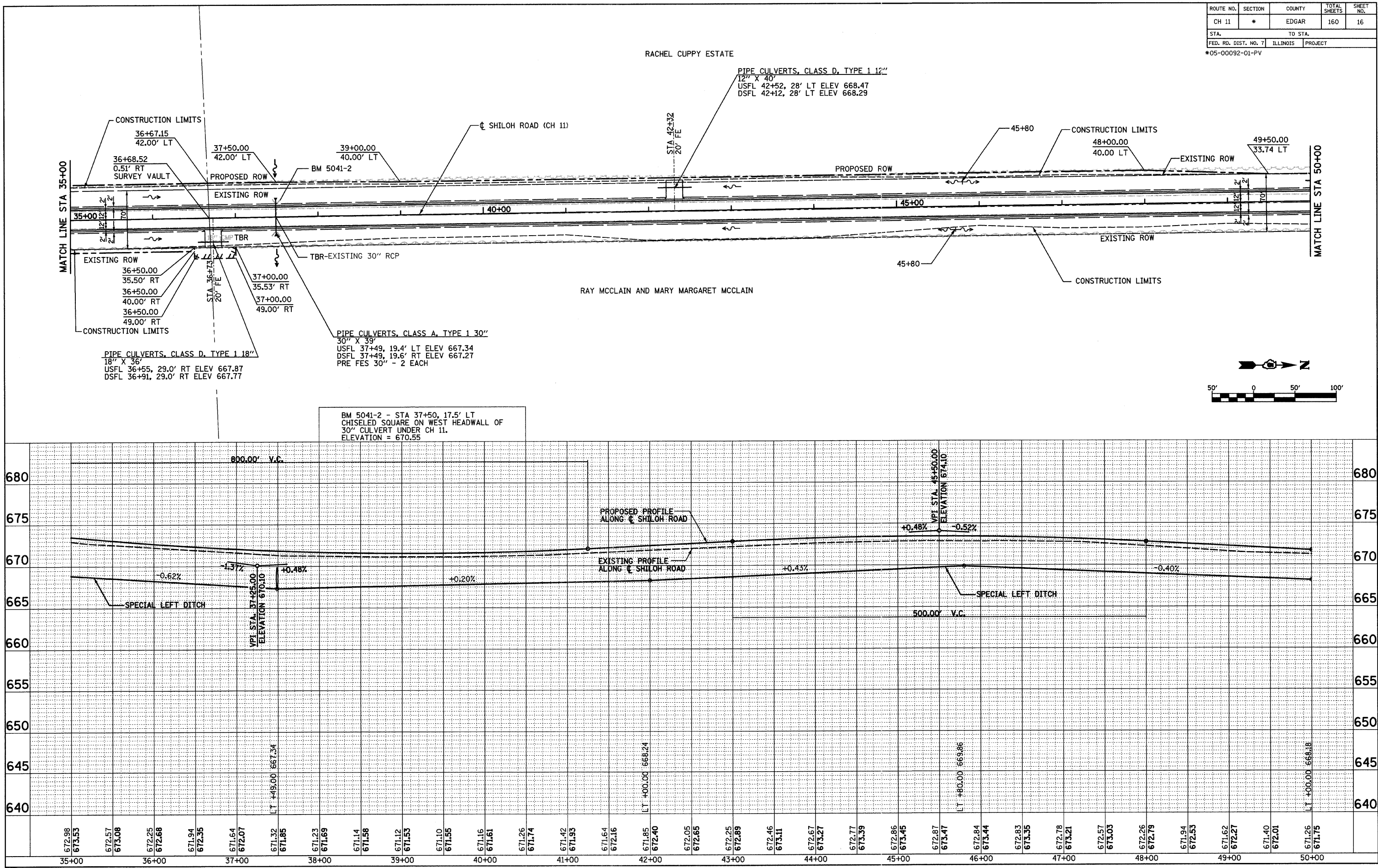


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	16
STA. TO STA.		ILLINOIS PROJECT		
FED. RD. DIST. NO. 7		*05-00092-01-PV		

PLAN	DATE
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____

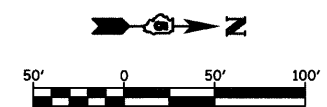
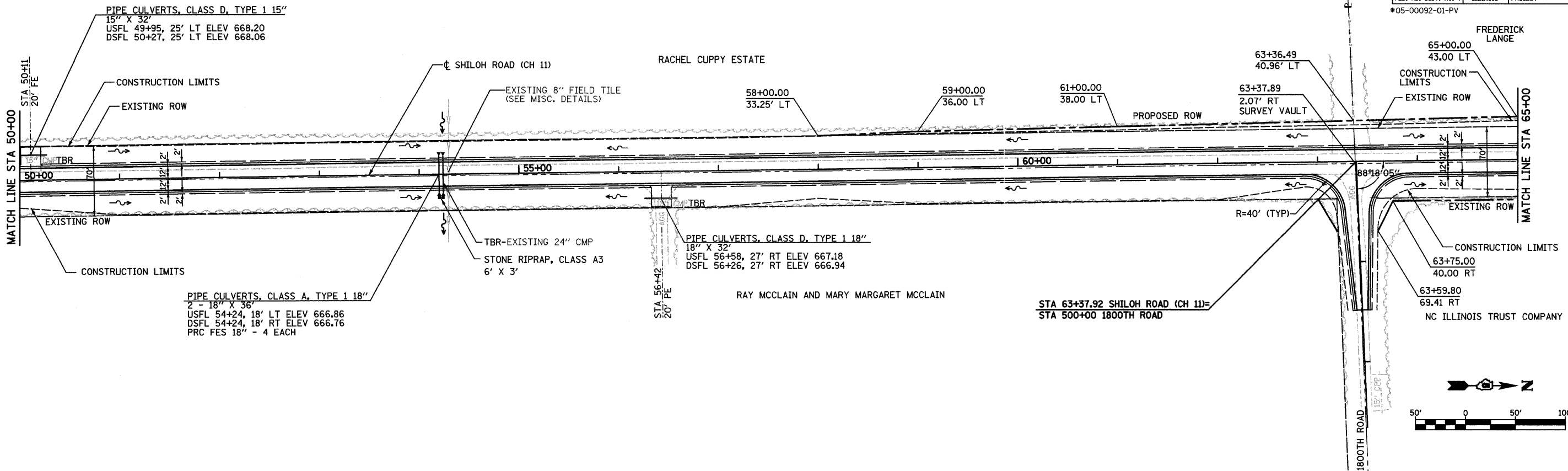
CHASTAIN & ASSOCIATES, LLP  
 ENGINEERS  
 CHICAGO, ILLINOIS  
 60601  
 TEL: (773) 444-8844  
 FAX: (773) 444-8844  
 www.chastain.com

PROFILE	DATE
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____
BY _____	_____
DATE _____	_____





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	17
FED. RD. DIST. NO. 7 ILLINOIS PROJECT				
*05-00092-01-PV				



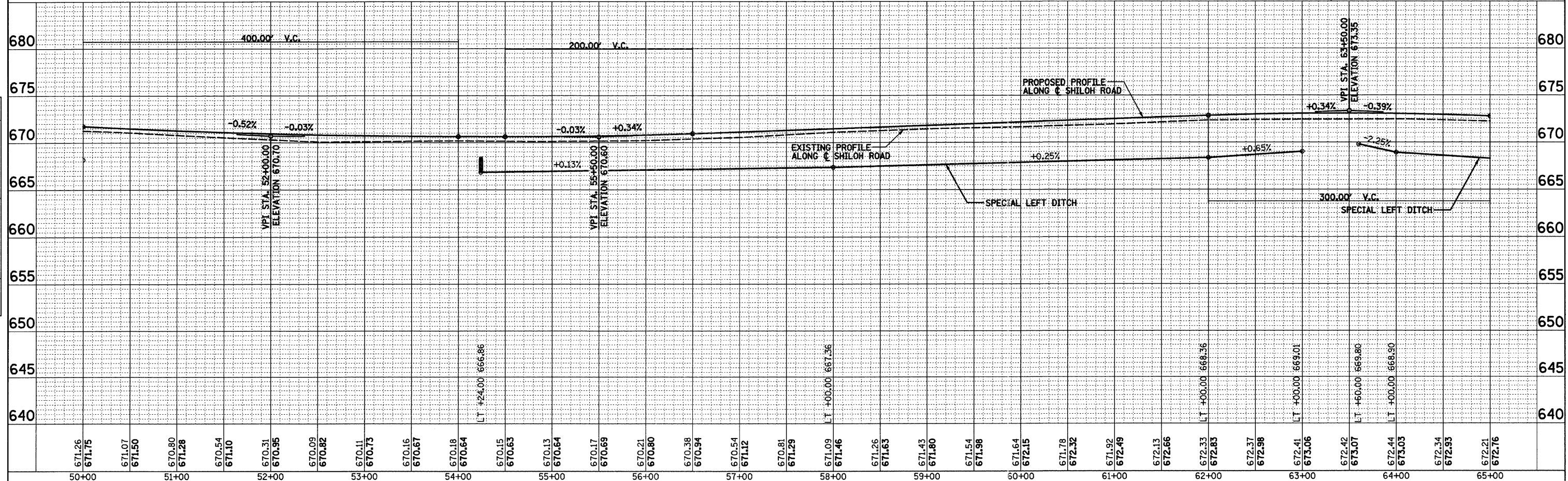
DATE	BY
DATE	BY

SURVEYED: \_\_\_\_\_  
 ALIGNED: \_\_\_\_\_  
 RT. OF WAY: \_\_\_\_\_  
 NO. \_\_\_\_\_

CHICAGO 670 734-0000  
 ROCKFORD 815 499-0000  
 PEORIA 317 499-0000  
 JOLIET 815 499-0000  
 ST. LOUIS 314 499-0000  
 SPRINGFIELD 417 499-0000  
 CHASSTAIN & ASSOCIATES, LLP  
 REGISTERED PROFESSIONAL ENGINEERS

DATE	BY
DATE	BY

SURVEYED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 BMS NOTED: \_\_\_\_\_  
 STRUCTURE NOTATIONS OK'D: \_\_\_\_\_  
 NO. \_\_\_\_\_



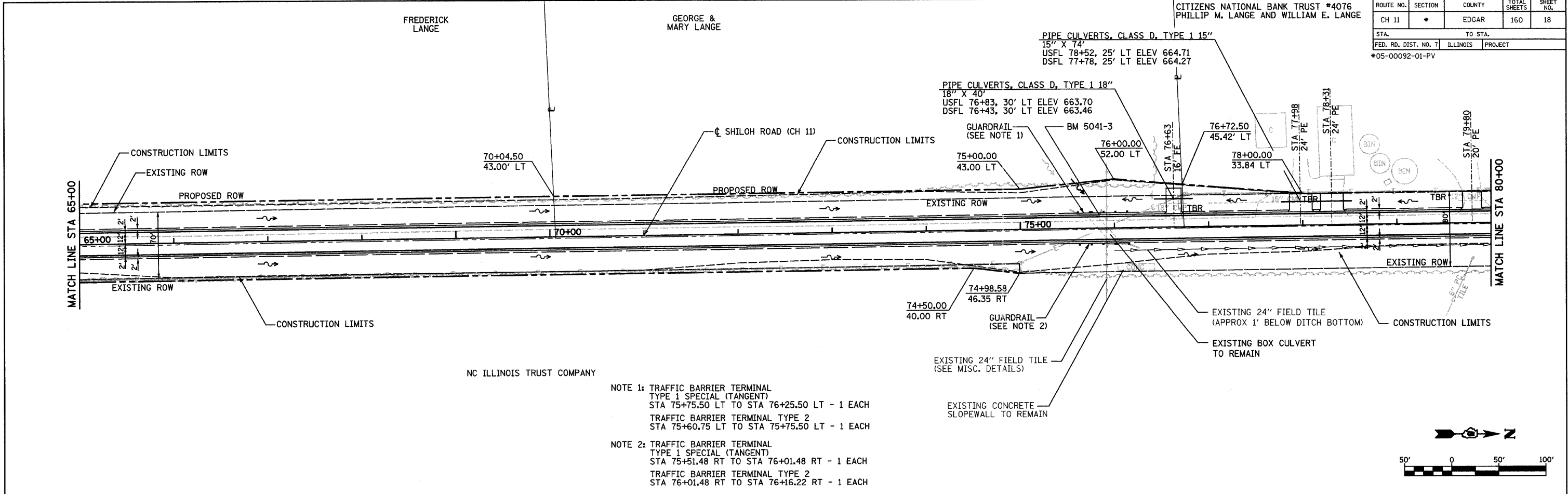
STA 50+00 TO STA 65+00 SHILOH ROAD (CH 11)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	18
STA. TO STA.		ILLINOIS PROJECT		
FED. RD. DIST. NO. 7		*05-00092-01-PV		

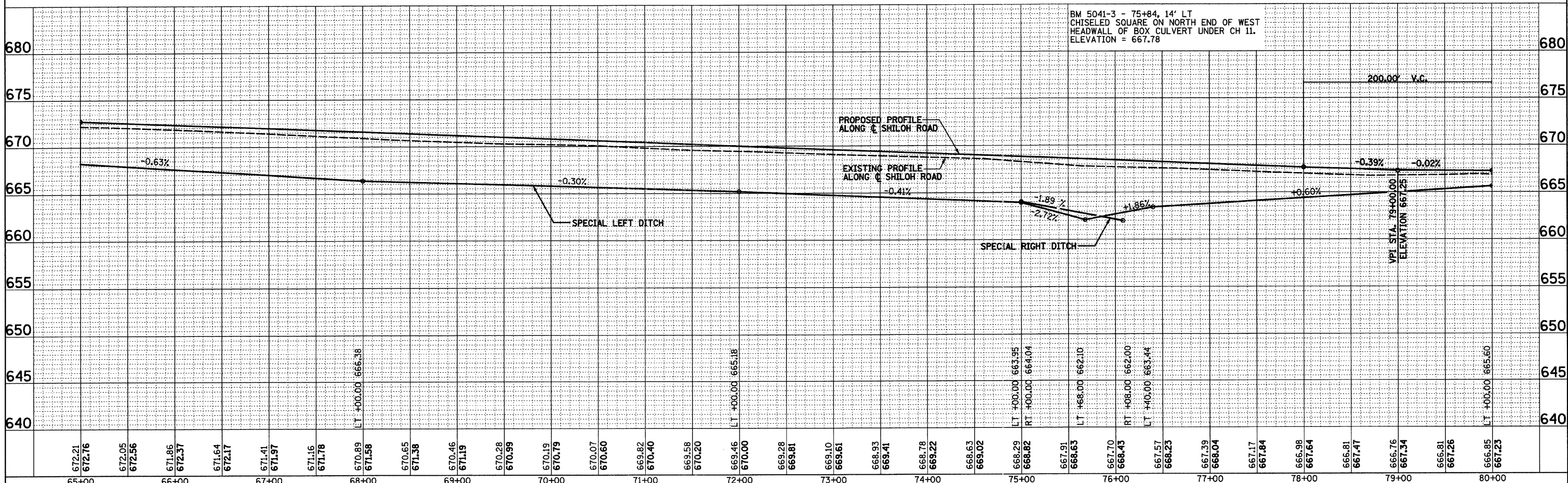
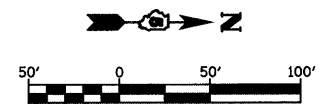
DATE	
BY	
PLAN	
NOTED	
NO. OF SHEETS	
NO.	

CHASTAIN & ASSOCIATES, L.P.A.  
 ENGINEERS, ARCHITECTS, PLANNERS  
 1000 N. LAUREL STREET, SUITE 200  
 CHICAGO, ILLINOIS 60610  
 (312) 467-4400

DATE	
BY	
PROFILE	
NOTED	
NO. OF SHEETS	
NO.	



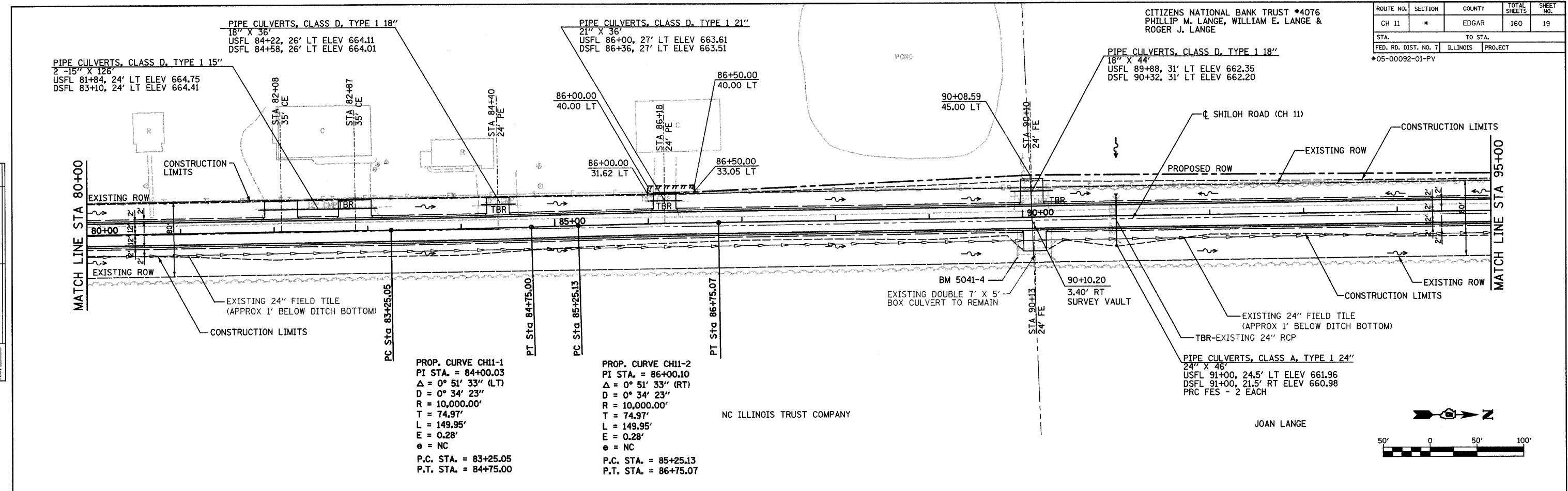
- NOTE 1: TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) STA 75+75.50 LT TO STA 76+25.50 LT - 1 EACH  
 TRAFFIC BARRIER TERMINAL TYPE 2 STA 75+60.75 LT TO STA 75+75.50 LT - 1 EACH
- NOTE 2: TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) STA 75+51.48 RT TO STA 76+01.48 RT - 1 EACH  
 TRAFFIC BARRIER TERMINAL TYPE 2 STA 76+01.48 RT TO STA 76+16.22 RT - 1 EACH



STA 65+00 TO STA 80+00 SHILOH ROAD (CH 11)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	19
STA. _____ TO STA. _____		ILLINOIS PROJECT		
FED. RD. DIST. NO. 7				
*05-00092-01-PV				

CITIZENS NATIONAL BANK TRUST #4076  
 PHILLIP M. LANGE, WILLIAM E. LANGE &  
 ROGER J. LANGE

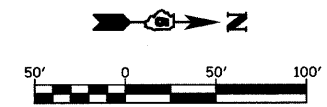


PROP. CURVE CH11-1  
 PI STA. = 84+00.03  
 $\Delta = 0^\circ 51' 33''$  (LT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 74.97'$   
 $L = 149.95'$   
 $E = 0.28'$   
 $e = NC$   
 P.C. STA. = 83+25.05  
 P.T. STA. = 84+75.00

PROP. CURVE CH11-2  
 PI STA. = 86+00.10  
 $\Delta = 0^\circ 51' 33''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 74.97'$   
 $L = 149.95'$   
 $E = 0.28'$   
 $e = NC$   
 P.C. STA. = 85+25.13  
 P.T. STA. = 86+75.07

NC ILLINOIS TRUST COMPANY

JOAN LANGE

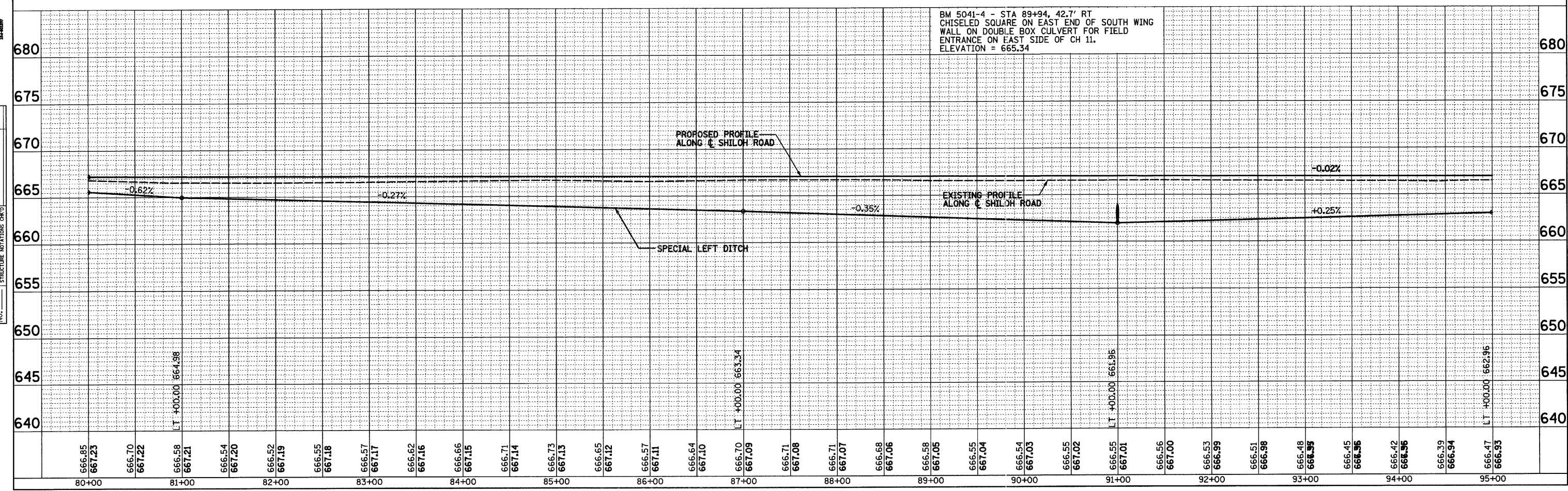


PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	BY		
	NO.		

BRUNNEN, CHICAGO  
 607-454-4444  
 607-714-6666  
 ROCKFORD  
 815-398-1100  
 815-398-1100

**CHASTAIN**  
 & ASSOCIATES, LLP  
 230 N. WASHINGTON  
 CHICAGO, IL 60601

PROFILE	SURVEYED	BY	DATE
	NOTED		
	GRADES		
	CHECKED		
	BY		
	NO.		

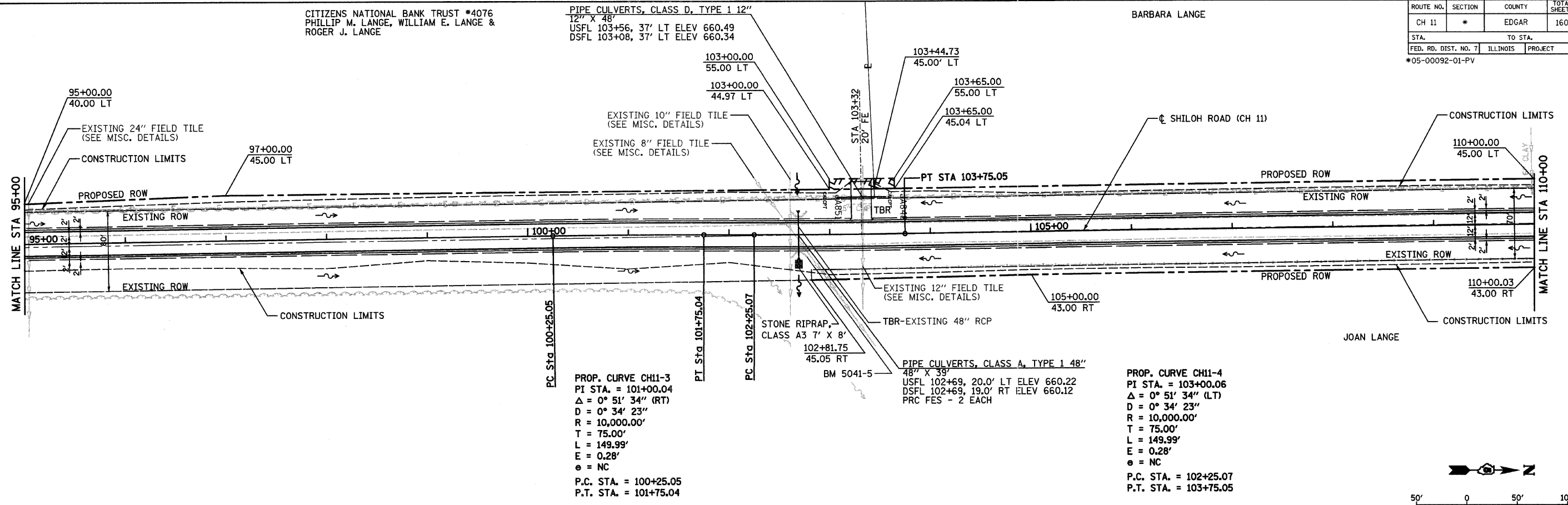


STA 80+00 TO STA 95+00 SHILOH ROAD (CH 11)

CITIZENS NATIONAL BANK TRUST #4076  
 PHILLIP M. LANGE, WILLIAM E. LANGE &  
 ROGER J. LANGE

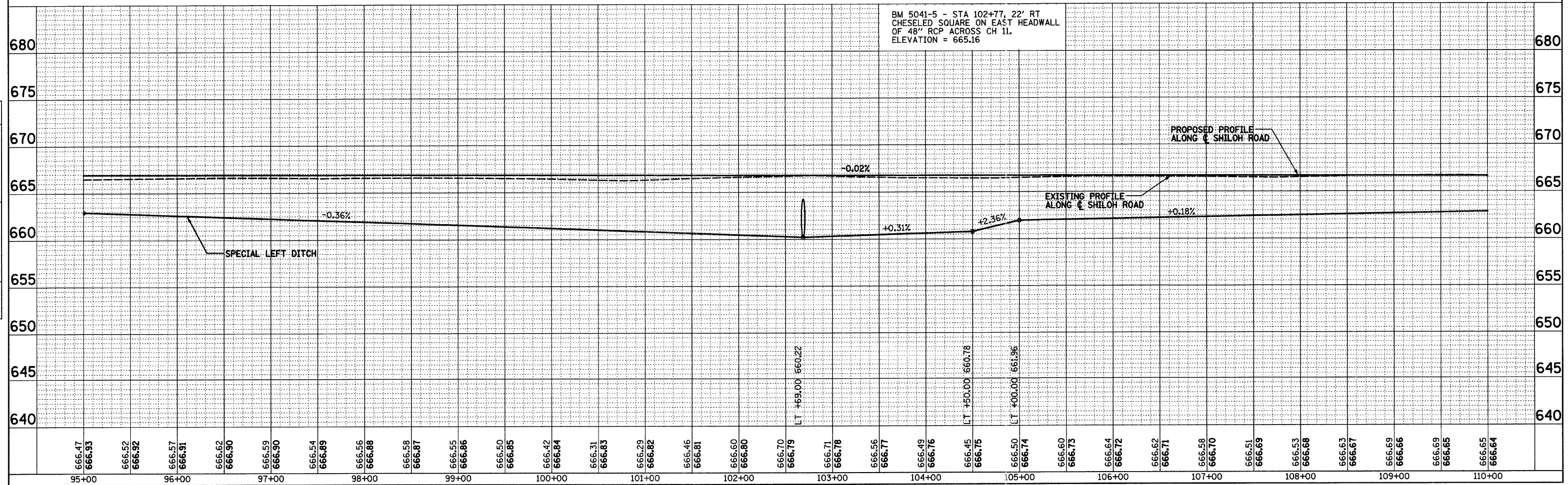
BARBARA LANGE

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	20
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS		PROJECT
*05-00092-01-PV				



PROP. CURVE CH11-3  
 PI STA. = 101+00.04  
 $\Delta = 0^\circ 51' 34''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 75.00'$   
 $L = 149.99'$   
 $E = 0.28'$   
 $e = NC$   
 P.C. STA. = 100+25.05  
 P.T. STA. = 101+75.04

PROP. CURVE CH11-4  
 PI STA. = 103+00.06  
 $\Delta = 0^\circ 51' 34''$  (LT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 75.00'$   
 $L = 149.99'$   
 $E = 0.28'$   
 $e = NC$   
 P.C. STA. = 102+25.07  
 P.T. STA. = 103+75.05



STA 95+00 TO STA 110+00 SHILOH ROAD (CH 11)

PLAN

DATE	BY
SURVEYED	NOTED
ALIGNED	CHECKED
RT. OF WAY	CHECKED
NO.	

CHASTAIN & ASSOCIATES, LLP  
 CONSULTING ENGINEERS

PROFILE

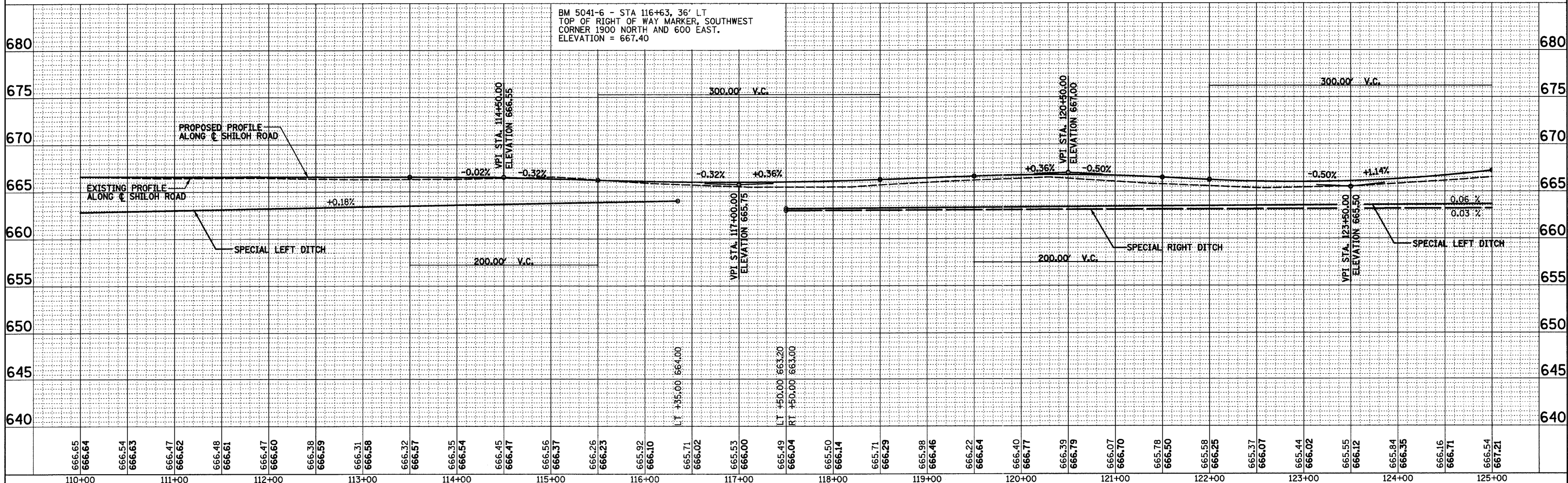
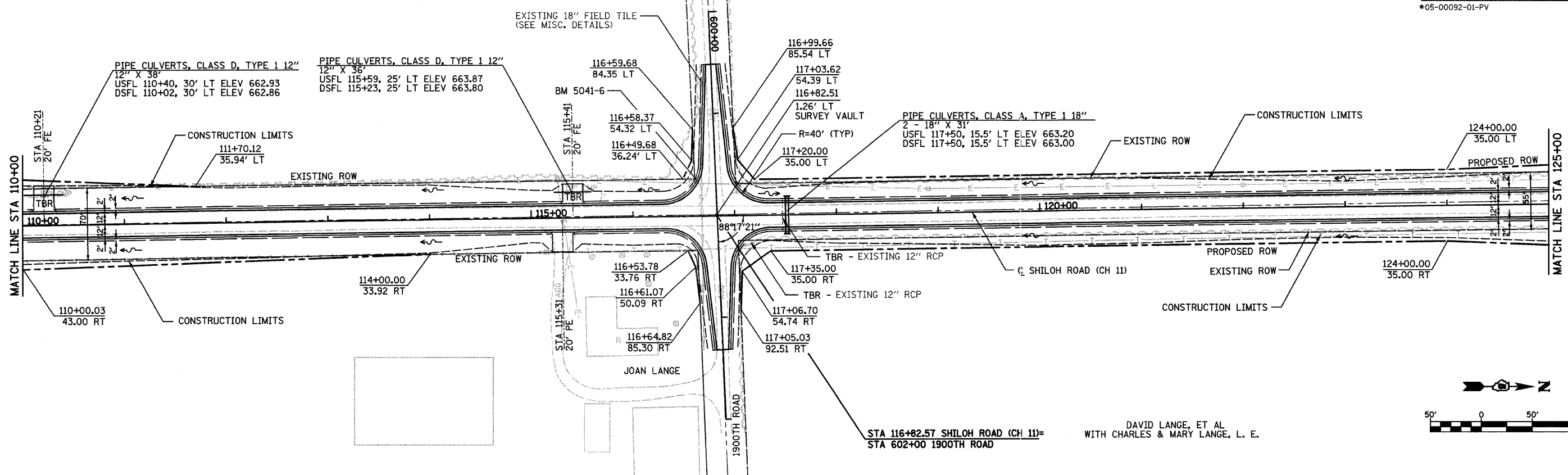
DATE	BY
SURVEYED	NOTED
GRADES CHECKED	CHECKED
BM'S NOTED	CHECKED
STRUCTURE NOTATIONS OK'D	
NO.	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	21
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	

\*05-00092-01-PV

BARBARA LANGE

GERALD COMPTON, TRUSTEE



STA 110+00 TO STA 125+00 SHILOH ROAD (CH 11)

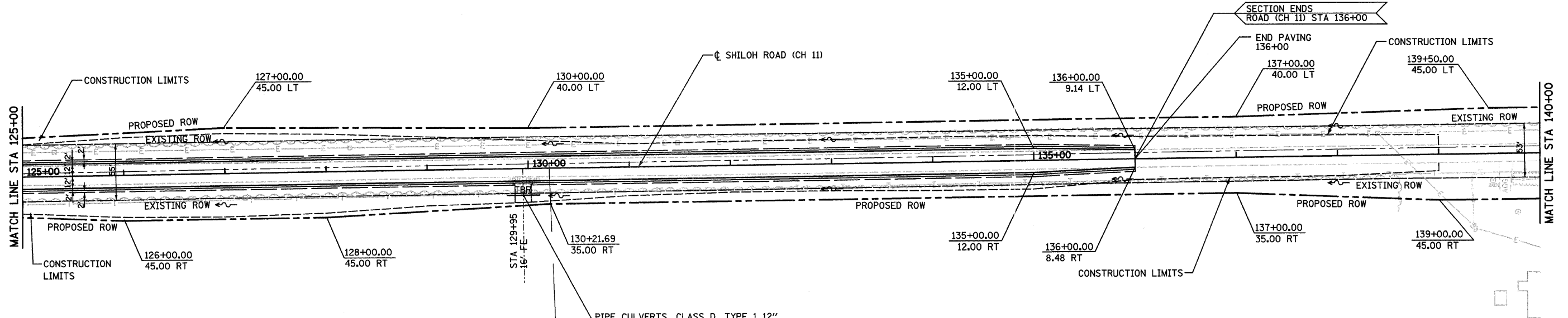
PLAN  
 SUBMITTED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

CHASTAIN & ASSOCIATES, LLP  
 ENGINEERS, ARCHITECTS, INTERIORS  
 CHICAGO, ILLINOIS  
 312.467.4600  
 312.467.4601  
 312.467.4602

PROFILE  
 SUBMITTED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	22
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

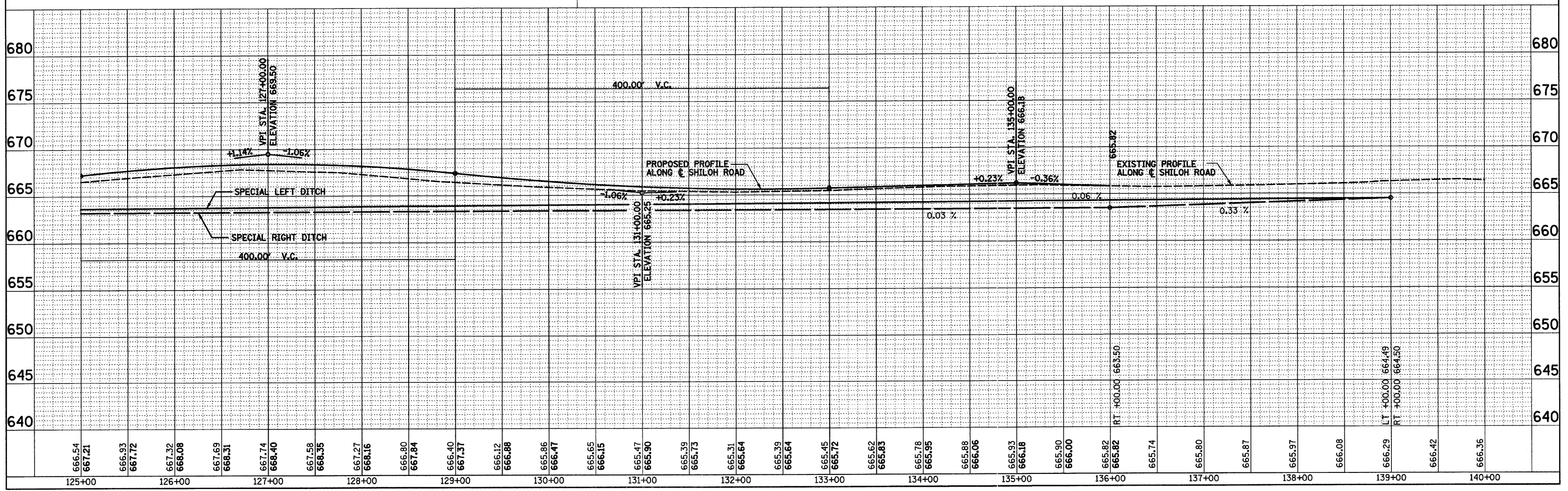
GERALD COMPTON, TRUSTEE



DAVID LANGE, ET AL  
WITH CHARLES & MARY LANGE, L. E.

PIPE CULVERTS, CLASS D, TYPE 1 12"  
12" X 32"  
USFL 129+79, 26' RT ELEV 663.08  
DSFL 130+11, 26' RT ELEV 663.06

FREDERICK LANGE



STA 125+00 TO STA 140+00 SHILOH ROAD (CH 11)

PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE

CHASTAIN & ASSOCIATES, LLP  
ENGINEERING ARCHITECTURE

PROFILE	DATE
NO.	BY
NO.	DATE
NO.	DATE

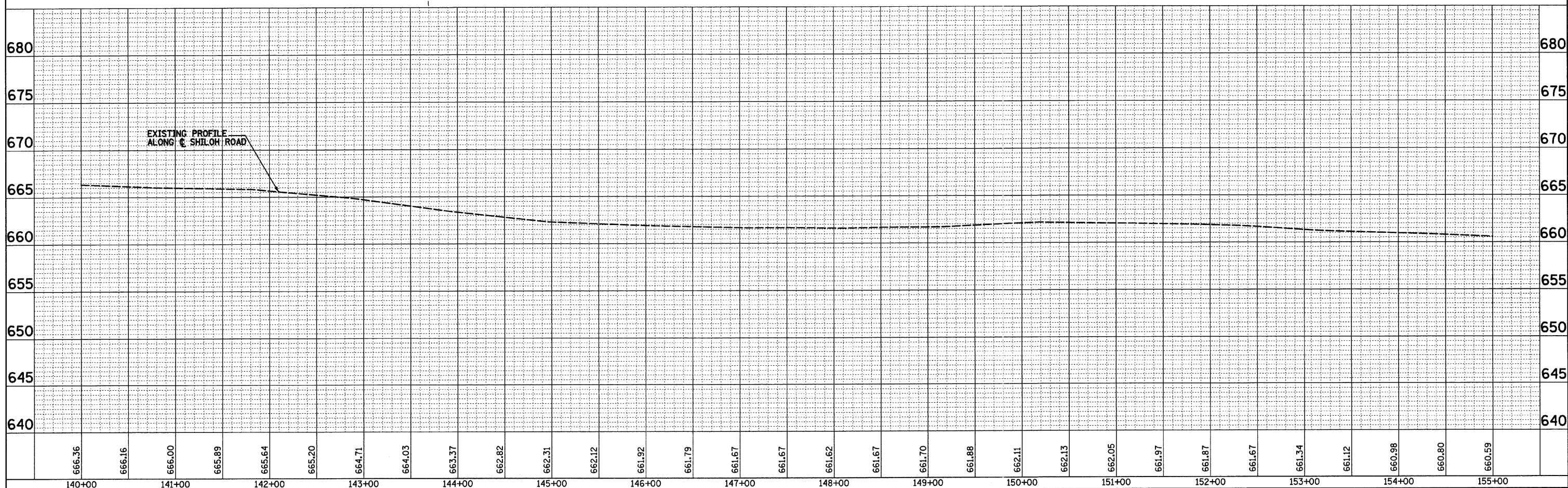
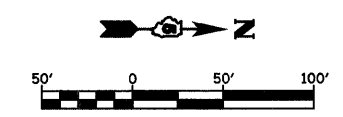
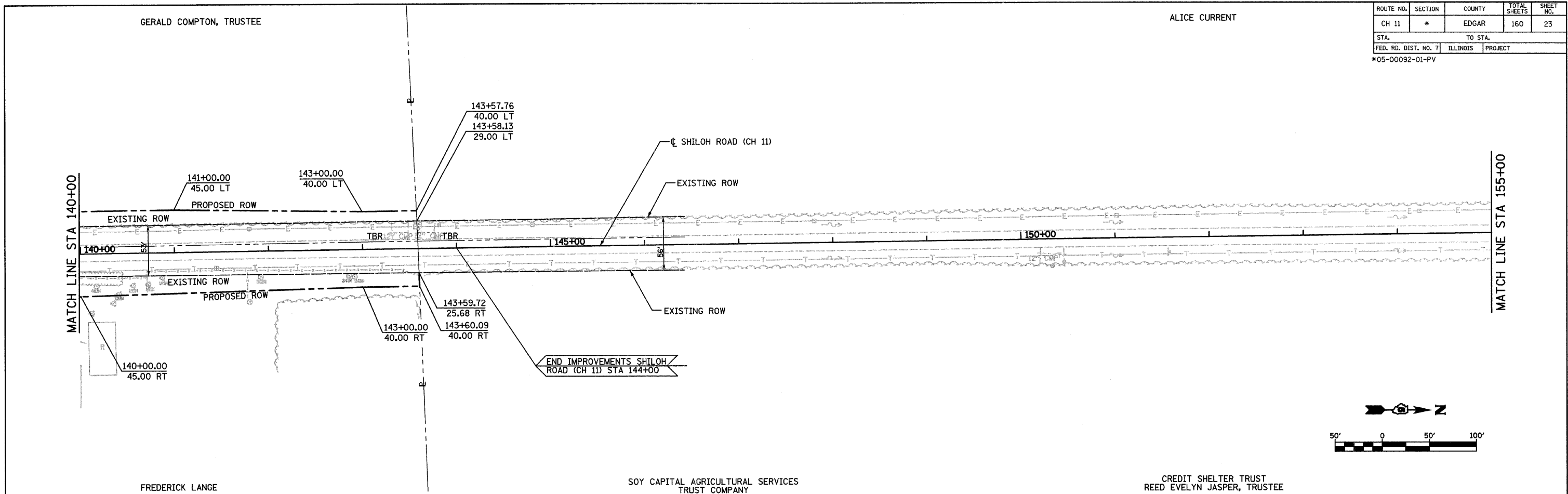
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	23
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	

\*05-00092-01-PV

PLANNED	DATE
BY	
NO.	

CHASTAIN & ASSOCIATES, LLP  
 ENGINEERS & ARCHITECTS  
 CHICAGO, ILLINOIS  
 312.467.4444

PROFILE	DATE
BY	
NO.	



STA 140+00 TO STA 155+00 SHILOH ROAD (CH 11)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	24
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		

\*05-00092-01-PV

PROP. CURVE CH8-2  
 PI STA. = 303+94.17  
 $\Delta = 1^\circ 48' 52''$  (RT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 166.28'$   
 $L = 332.54'$   
 $E = 1.32'$   
 $e = NC$   
 P.C. STA. = 302+27.89  
 P.T. STA. = 305+60.43

PROP. CURVE CH8-3  
 PI STA. = 307+95.56  
 $\Delta = 1^\circ 49' 10''$  (RT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 166.73'$   
 $L = 333.44'$   
 $E = 1.32'$   
 $e = NC$   
 P.C. STA. = 306+28.83  
 P.T. STA. = 309+62.27

PROP. CURVE CH8-1  
 PI STA. = 297+99.00  
 $\Delta = 1^\circ 40' 09''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 152.95'$   
 $L = 305.87'$   
 $E = 1.11'$   
 $e = NC$   
 P.C. STA. = 296+46.05  
 P.T. STA. = 299+51.92

PIPE CULVERTS, CLASS D, TYPE 1  
 15" X 20"  
 USFL 303+63, 21' RT, ELEV 673.35  
 DSFL 303+83, 21' RT, ELEV 673.22

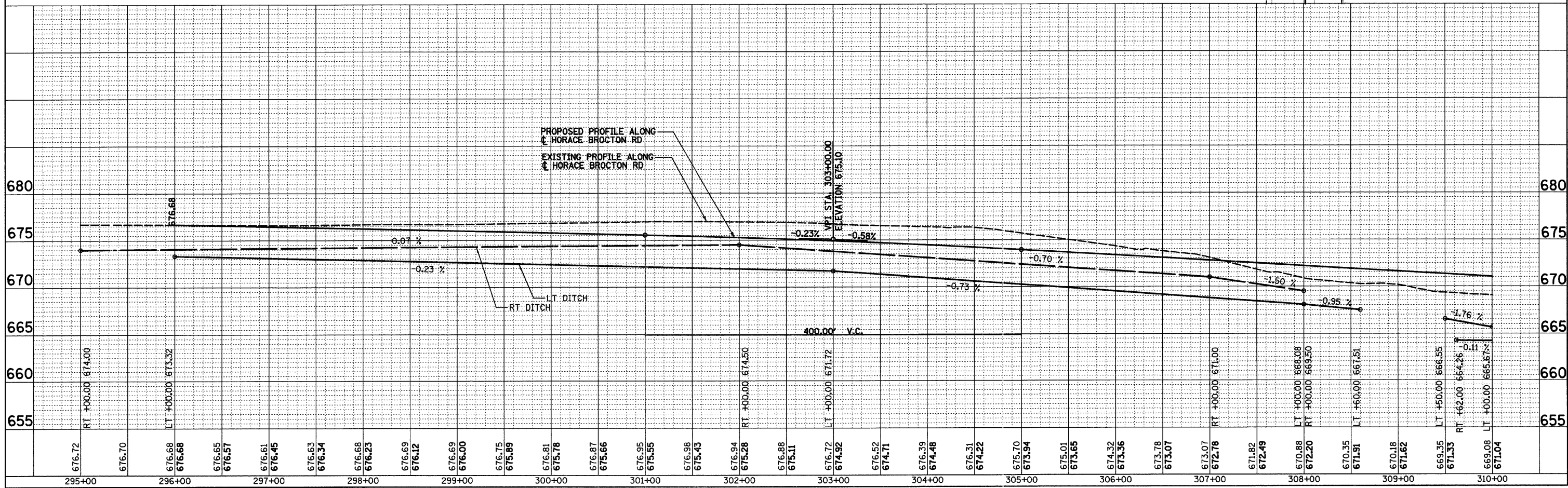
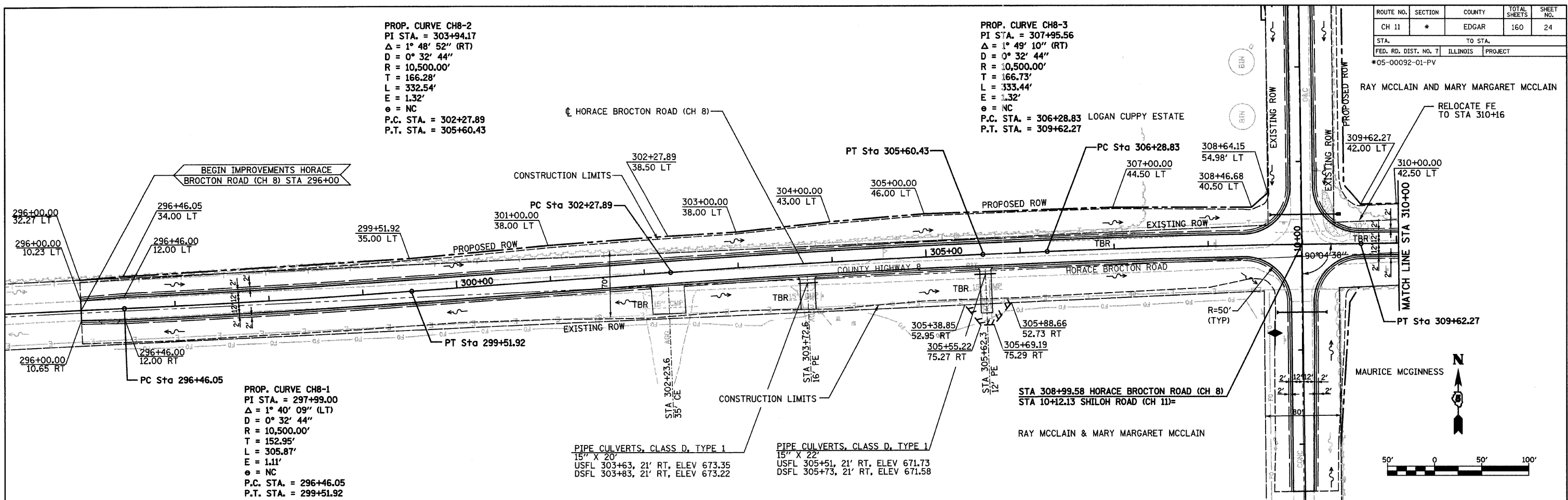
PIPE CULVERTS, CLASS D, TYPE 1  
 15" X 22"  
 USFL 305+51, 21' RT, ELEV 671.73  
 DSFL 305+73, 21' RT, ELEV 671.58

PLAN	DATE
NO.	

BY: [Signature]  
 DATE: [Date]  
 SURVEYED: [ ]  
 PLOTTED: [ ]  
 NOTEBOOK: [ ]  
 RT. OF WAY CHECKED: [ ]  
 NO.:

PROFILE	DATE
NO.	

BY: [Signature]  
 DATE: [Date]  
 SURVEYED: [ ]  
 PLOTTED: [ ]  
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 GRADES CHECKED: [ ]  
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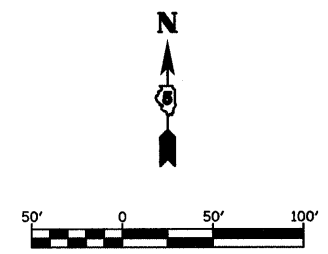
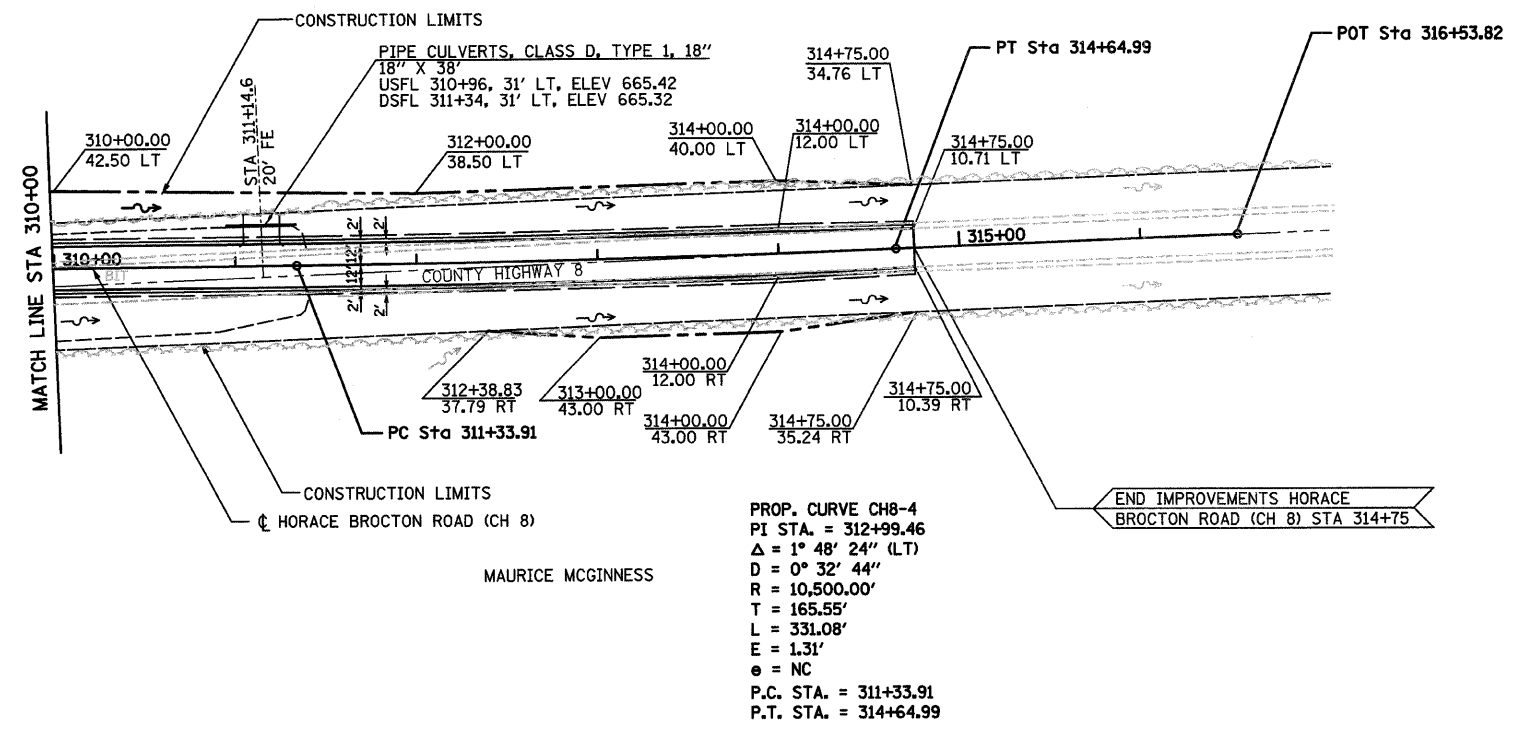


STA 295+00 TO STA 310+00.00 HORACE BROCTON ROAD (CH 8)



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	25
STA.		TO STA.		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

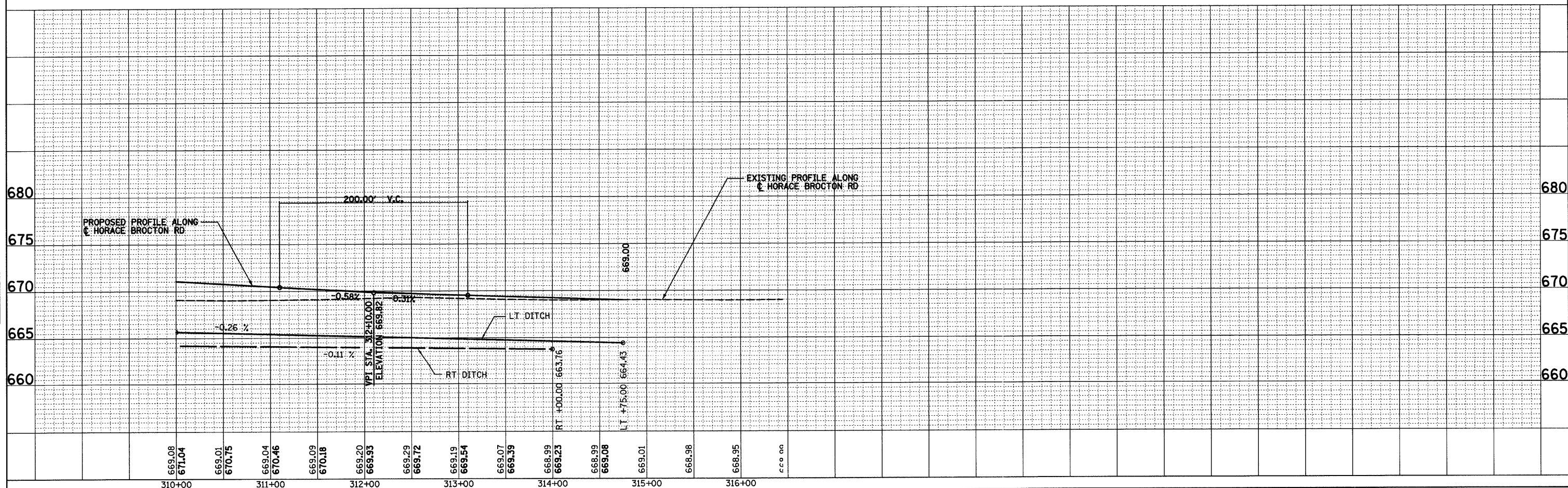
RAY MCCLAIN AND MARY MARGARET MCCLAIN



PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	

CHASTAIN & ASSOCIATES, LLP  
ENGINEERING ARCHITECTURE

PROFILE	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	



STA 310+00 TO STA 316+00 HORACE BROCTON ROAD (CH 8)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	26
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV

**CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC**

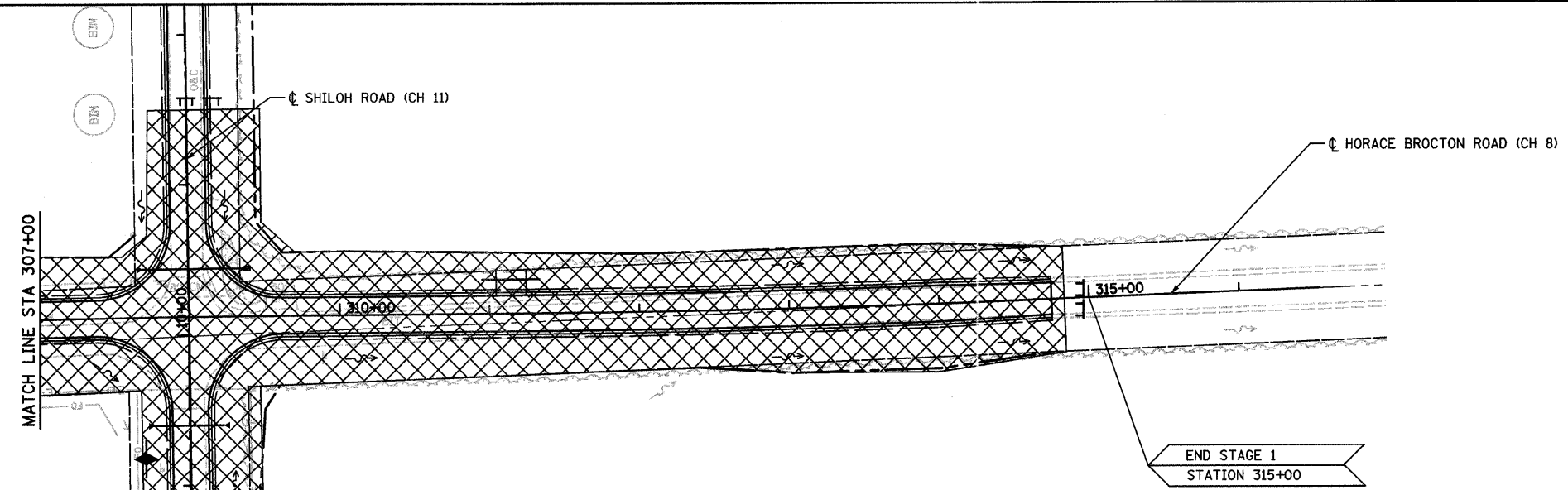
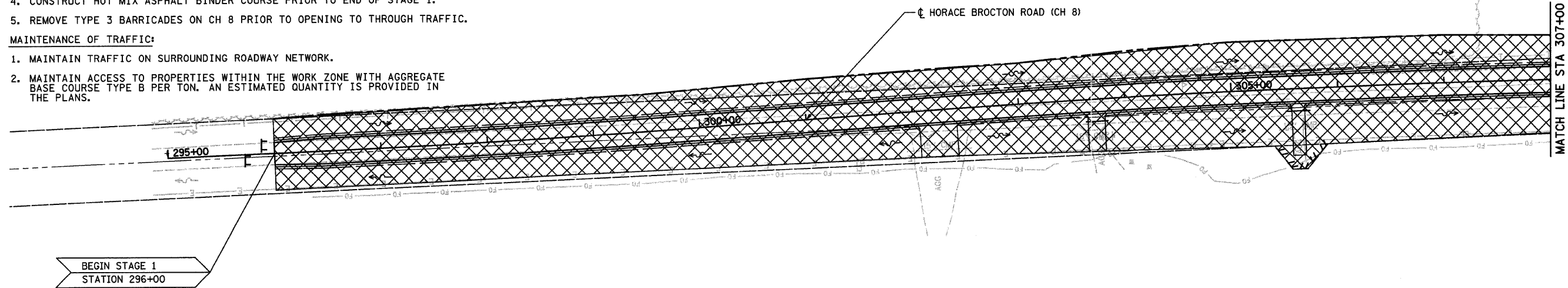
**STAGE 1:**

**SEQUENCE OF CONSTRUCTION:**

1. CLOSE CH 8 TO THROUGH TRAFFIC UTILIZING BLR 22-4. CLOSE CH 11 AT THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT TEMPORARY ACCESS TO RESIDENCE AT STA 296+00. MAINTAIN ACCESS THROUGHOUT STAGE 1.
3. CONSTRUCT CH 8 FROM STA 296+00 TO STA 314+75. CONSTRUCT CH 11 FROM STA 7+50 TO STA 10+00.13 AND FROM STA 10+24.13 TO STA 11+50. PLACE EXCESS EXCAVATION ALONG SHILOH ROAD STA 11+50 TO STA 46+00 IN LIEU OF STOCKPILING EXCAVATED MATERIAL.
4. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 1.
5. REMOVE TYPE 3 BARRICADES ON CH 8 PRIOR TO OPENING TO THROUGH TRAFFIC.

**MAINTENANCE OF TRAFFIC:**

1. MAINTAIN TRAFFIC ON SURROUNDING ROADWAY NETWORK.
2. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.



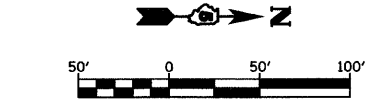
**LEGEND**

- WORK ZONE
- TYPE III BARRICADE

REVISIONS			TRAFFIC CONTROL AND STAGING	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE DLB 6/07	
2			CHECKED BY DATE CAS 6/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6			HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001297	
7			DECATUR CHICAGO (317) 429-8544 (773) 714-0050	
8			ROCKFORD (815) 489-0850	
9				
10				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	27

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT



**CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC**

**STAGE 2:**

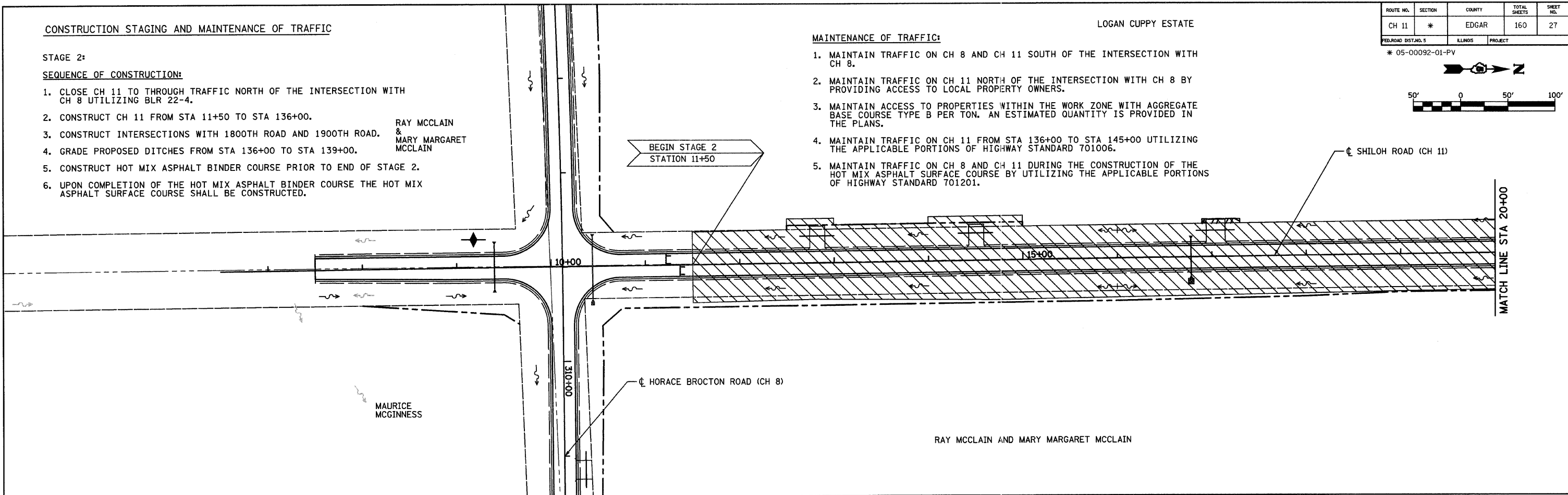
**SEQUENCE OF CONSTRUCTION:**

1. CLOSE CH 11 TO THROUGH TRAFFIC NORTH OF THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT CH 11 FROM STA 11+50 TO STA 136+00.
3. CONSTRUCT INTERSECTIONS WITH 1800TH ROAD AND 1900TH ROAD.
4. GRADE PROPOSED DITCHES FROM STA 136+00 TO STA 139+00.
5. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 2.
6. UPON COMPLETION OF THE HOT MIX ASPHALT BINDER COURSE THE HOT MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED.

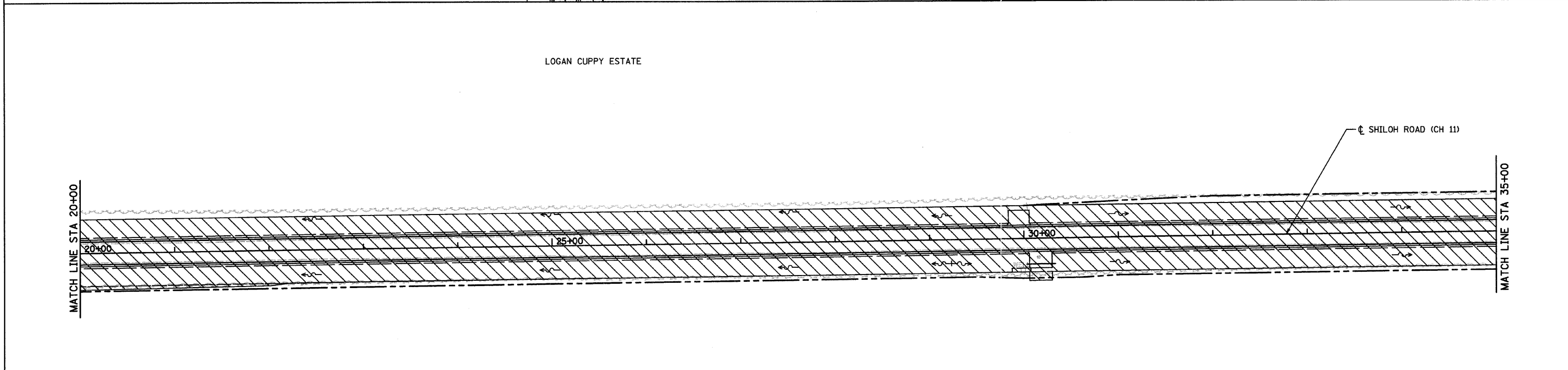
**MAINTENANCE OF TRAFFIC:**

1. MAINTAIN TRAFFIC ON CH 8 AND CH 11 SOUTH OF THE INTERSECTION WITH CH 8.
2. MAINTAIN TRAFFIC ON CH 11 NORTH OF THE INTERSECTION WITH CH 8 BY PROVIDING ACCESS TO LOCAL PROPERTY OWNERS.
3. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.
4. MAINTAIN TRAFFIC ON CH 11 FROM STA 136+00 TO STA 145+00 UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701006.
5. MAINTAIN TRAFFIC ON CH 8 AND CH 11 DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE COURSE BY UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701201.

LOGAN CUPPY ESTATE



LOGAN CUPPY ESTATE



RAY MCCLAIN AND MARY MARGARET MCCLAIN

**LEGEND**

WORK ZONE

TYPE III BARRICADE

**TRAFFIC CONTROL AND STAGING**

NO.	DATE	INITIALS
1		
2		
3		
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6		
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8		
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10		

SHILOH ROAD (CH 11)  
EDGAR COUNTY, ILLINOIS

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-001297

DECATUR CHICAGO  
(317) 422-8544 (773) 714-0050

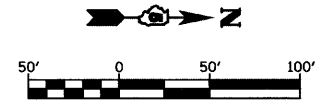
ROCKFORD  
(815) 489-0050

DRAWN BY	DATE
DLB	6/07
CHECKED BY	DATE
CAS	6/07
BOOK NUMBER	469
PROJECT NO.	5245
SHEET NO.	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	28

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV



**CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC**

RACHEL CUPPY ESTATE

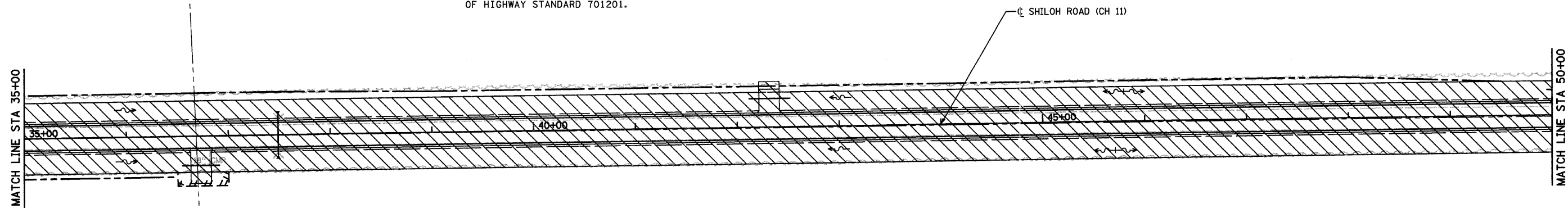
STAGE 2:

**SEQUENCE OF CONSTRUCTION:**

1. CLOSE CH 11 TO THROUGH TRAFFIC NORTH OF THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT CH 11 FROM STA 11+50 TO STA 136+00.
3. CONSTRUCT INTERSECTIONS WITH 1800TH ROAD AND 1900TH ROAD.
4. GRADE PROPOSED DITCHES FROM STA 136+00 TO STA 139+00.
5. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 2.
6. UPON COMPLETION OF THE HOT MIX ASPHALT BINDER COURSE THE HOT MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED.

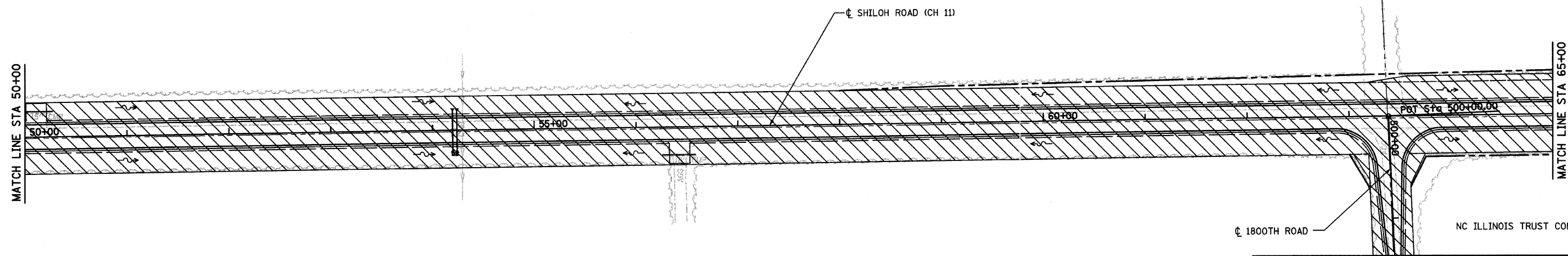
**MAINTENANCE OF TRAFFIC:**

1. MAINTAIN TRAFFIC ON CH 8 AND CH 11 SOUTH OF THE INTERSECTION WITH CH 8.
2. MAINTAIN TRAFFIC ON CH 11 NORTH OF THE INTERSECTION WITH CH 8 BY PROVIDING ACCESS TO LOCAL PROPERTY OWNERS.
3. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.
4. MAINTAIN TRAFFIC ON CH 11 FROM STA 136+00 TO STA 139+00 UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701006.
5. MAINTAIN TRAFFIC ON CH 8 AND CH 11 DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE COURSE BY UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701201.



RAY MCCLAIN AND MARY MARGARET MCCLAIN

RACHEL CUPPY ESTATE



RAY MCCLAIN AND MARY MARGARET MCCLAIN

**LEGEND**

WORK ZONE

TYPE III BARRICADE

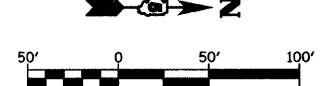
**TRAFFIC CONTROL AND STAGING**

REVISIONS No. DATE INITIALS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE D.L.B. 6/07
1 2 3 4 5 6 7 8 9 10		PROJECT No. 5245		CHECKED BY DATE CAS 6/07
		BOOK NUMBER 469		PROJECT No. 5245
		HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001377		SHEET No.
		DECATUR CHICAGO (317) 422-8844 (773) 714-9060		ROCKFORD (815) 489-0060

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	29

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV



CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

FREDERICK LANGE

GEORGE & MARY LANGE

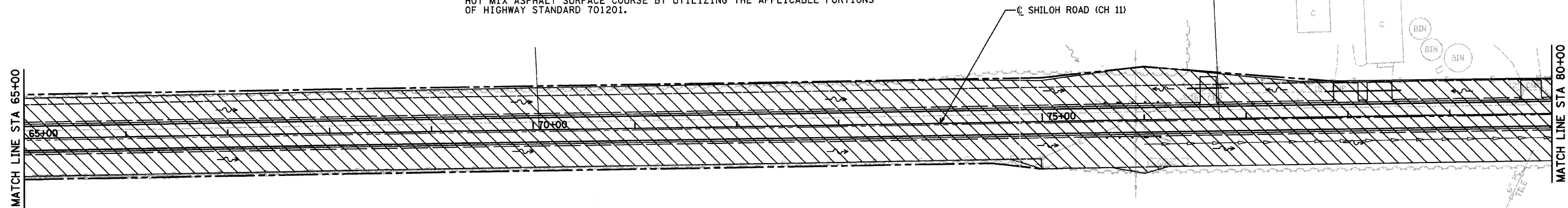
STAGE 2:

SEQUENCE OF CONSTRUCTION:

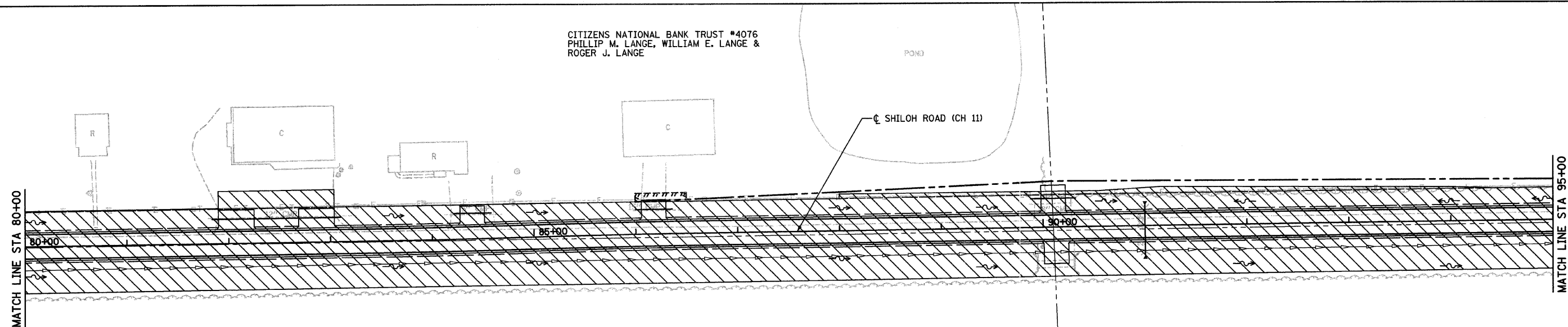
1. CLOSE CH 11 TO THROUGH TRAFFIC NORTH OF THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT CH 11 FROM STA 11+50 TO STA 136+00.
3. CONSTRUCT INTERSECTIONS WITH 1800TH ROAD AND 1900TH ROAD.
4. GRADE PROPOSED DITCHES FROM STA 136+00 TO STA 139+00.
5. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 2.
6. UPON COMPLETION OF THE HOT MIX ASPHALT BINDER COURSE THE HOT MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED.

MAINTENANCE OF TRAFFIC:

1. MAINTAIN TRAFFIC ON CH 8 AND CH 11 SOUTH OF THE INTERSECTION WITH CH 8.
2. MAINTAIN TRAFFIC ON CH 11 NORTH OF THE INTERSECTION WITH CH 8 BY PROVIDING ACCESS TO LOCAL PROPERTY OWNERS.
3. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.
4. MAINTAIN TRAFFIC ON CH 11 FROM STA 136+00 TO STA 139+00 UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701006.
5. MAINTAIN TRAFFIC ON CH 8 AND CH 11 DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE COURSE BY UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701201.



NC ILLINOIS TRUST COMPANY



NC ILLINOIS TRUST COMPANY

LEGEND

WORK ZONE

TYPE III BARRICADE

TRAFFIC CONTROL AND STAGING

SHILOH ROAD (CH 11)  
EDGAR COUNTY, ILLINOIS

NO.	DATE	INITIALS
1		
2		
3		
4		
5		
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8		
9		
10		

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-00137

DECATUR CHICAGO  
(317) 422-8544 (773) 714-0050

ROCKFORD  
(815) 489-0050

DRAWN BY DLB	DATE 6/07
CHECKED BY CAS	DATE 6/07
BOOK NUMBER 469	PROJECT No. 5245
SHEET No.	

CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

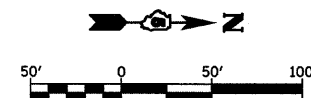
CITIZENS NATIONAL BANK TRUST #4076  
 PHILLIP M. LANGE, WILLIAM E. LANGE &  
 ROGER J. LANGE

BARBARA LANGE

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	30

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV



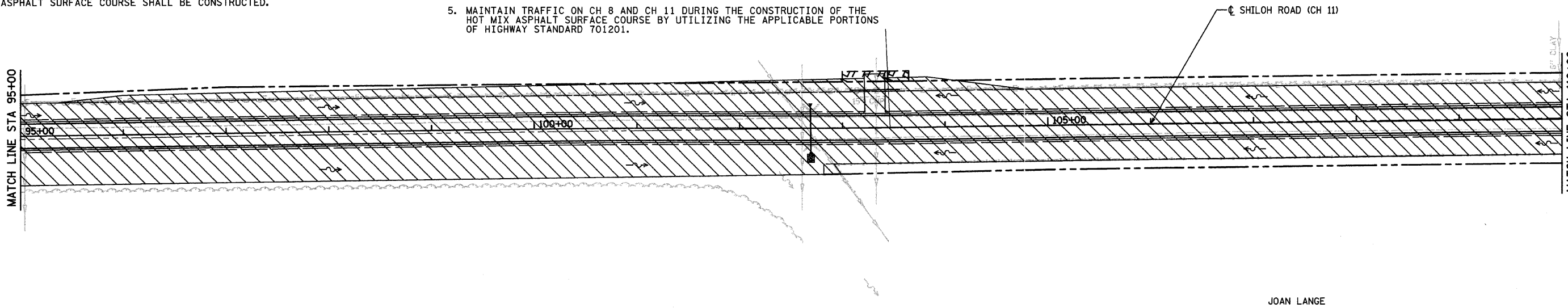
STAGE 2:

SEQUENCE OF CONSTRUCTION:

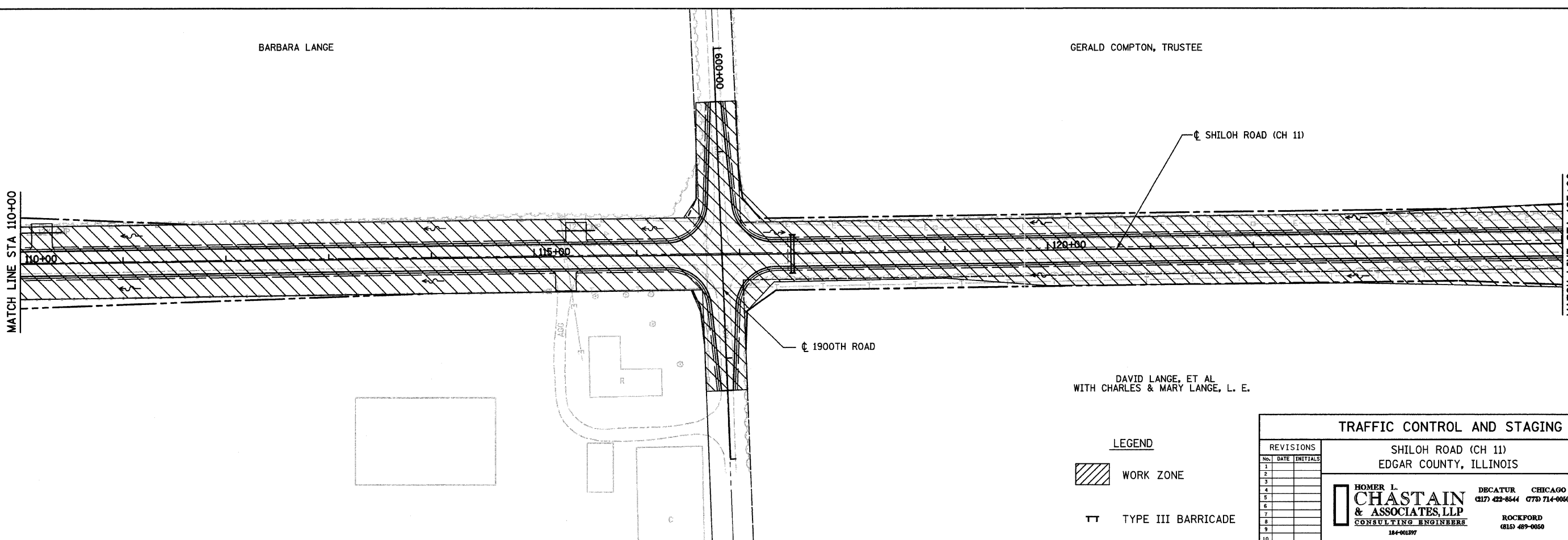
1. CLOSE CH 11 TO THROUGH TRAFFIC NORTH OF THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT CH 11 FROM STA 11+50 TO STA 136+00.
3. CONSTRUCT INTERSECTIONS WITH 1800TH ROAD AND 1900TH ROAD.
4. GRADE PROPOSED DITCHES FROM STA 136+00 TO STA 139+00.
5. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 2.
6. UPON COMPLETION OF THE HOT MIX ASPHALT BINDER COURSE THE HOT MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED.

MAINTENANCE OF TRAFFIC:

1. MAINTAIN TRAFFIC ON CH 8 AND CH 11 SOUTH OF THE INTERSECTION WITH CH 8.
2. MAINTAIN TRAFFIC ON CH 11 NORTH OF THE INTERSECTION WITH CH 8 BY PROVIDING ACCESS TO LOCAL PROPERTY OWNERS.
3. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.
4. MAINTAIN TRAFFIC ON CH 11 FROM STA 136+00 TO STA 139+00 UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701006.
5. MAINTAIN TRAFFIC ON CH 8 AND CH 11 DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE COURSE BY UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701201.



JOAN LANGE



BARBARA LANGE

GERALD COMPTON, TRUSTEE

DAVID LANGE, ET AL  
 WITH CHARLES & MARY LANGE, L. E.

- LEGEND
- WORK ZONE
  - TYPE III BARRICADE

REVISIONS			TRAFFIC CONTROL AND STAGING	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE DLB 6/07	
2			CHECKED BY DATE CAS 6/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6			HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-90187	
7			DECATUR CHICAGO (317) 423-8844 (773) 714-0050	
8			ROCKFORD (815) 489-0050	
9				
10				

CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

GERALD COMPTON, TRUSTEE

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	31

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV

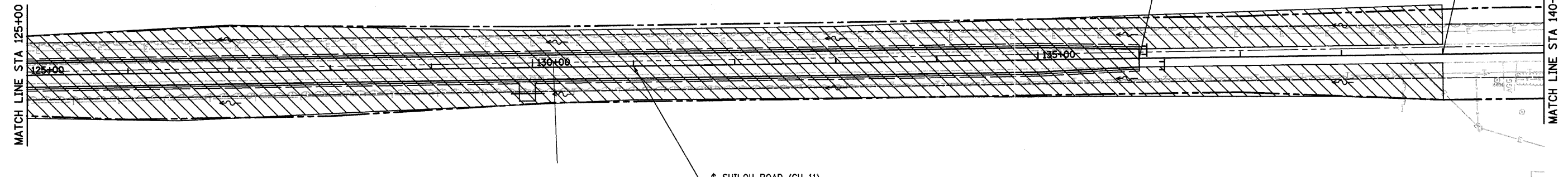
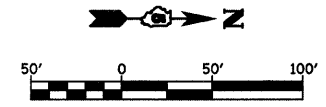
STAGE 2:

SEQUENCE OF CONSTRUCTION:

1. CLOSE CH 11 TO THROUGH TRAFFIC NORTH OF THE INTERSECTION WITH CH 8 UTILIZING BLR 22-4.
2. CONSTRUCT CH 11 FROM STA 11+50 TO STA 136+00.
3. CONSTRUCT INTERSECTIONS WITH 1800TH ROAD AND 1900TH ROAD.
4. GRADE PROPOSED DITCHES FROM STA 136+00 TO STA 139+00.
5. CONSTRUCT HOT MIX ASPHALT BINDER COURSE PRIOR TO END OF STAGE 2.
6. UPON COMPLETION OF THE HOT MIX ASPHALT BINDER COURSE THE HOT MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED.

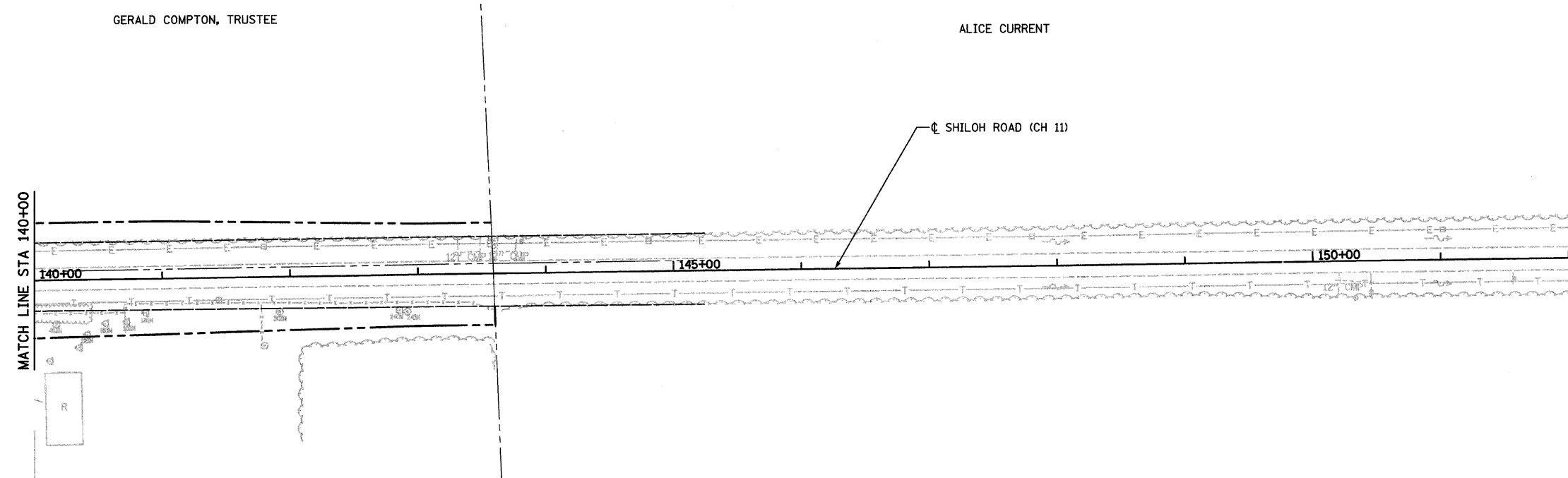
MAINTENANCE OF TRAFFIC:

1. MAINTAIN TRAFFIC ON CH 8 AND CH 11 SOUTH OF THE INTERSECTION WITH CH 8.
2. MAINTAIN TRAFFIC ON CH 11 NORTH OF THE INTERSECTION WITH CH 8 BY PROVIDING ACCESS TO LOCAL PROPERTY OWNERS.
3. MAINTAIN ACCESS TO PROPERTIES WITHIN THE WORK ZONE WITH AGGREGATE BASE COURSE TYPE B PER TON. AN ESTIMATED QUANTITY IS PROVIDED IN THE PLANS.
4. MAINTAIN TRAFFIC ON CH 11 FROM STA 136+00 TO STA 139+00 UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701006.
5. MAINTAIN TRAFFIC ON CH 8 AND CH 11 DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE COURSE BY UTILIZING THE APPLICABLE PORTIONS OF HIGHWAY STANDARD 701201.



DAVID LANGE, ET AL  
WITH CHARLES & MARY LANGE, L. E.

FREDERICK LANGE



GERALD COMPTON, TRUSTEE

ALICE CURRENT

FREDERICK LANGE

SOY CAPITAL AGRICULTURAL SERVICES  
TRUST COMPANY

LEGEND

WORK ZONE

TYPE III BARRICADE

TRAFFIC CONTROL AND STAGING

REVISIONS No. DATE INITIALS 1 2 3 4 5 6 7 8 9 10			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001297 DECATUR CHICAGO (317) 422-8444 (773) 714-0060 ROCKFORD (815) 489-0050		DRAWN BY DATE DLB 6/07 CHECKED BY DATE CAS 6/07 BOOK NUMBER 469 PROJECT No. 5245 SHEET No.	
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	32

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT \* 05-00092-01-PV

**STORM WATER POLLUTION PREVENTION PLAN**

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT 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 PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREBY MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION  
DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF RECONSTRUCTING EXISTING TWO-LANE SHILOH ROAD (CH 11) FOR 2.434 MILES IN EDGAR COUNTY.
2. CONSTRUCTION INCLUDES DRAINAGE STRUCTURES, DITCH CONSTRUCTION, PAVEMENT MARKINGS, SIGNING AND OTHER INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE IMPROVEMENT IN STAGED CONSTRUCTION AS SHOWN ON THE PLANS AND AS DESCRIBED HEREIN.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITES:

- STAGE 1 CONSTRUCTION OF THE FOLLOWING:
- SHILOH ROAD (CH 11) FROM: STA 7+50 TO STA 10+00.13 AND FROM STA 10+24.13 TO STA 11+50
  - HORACE BROCTON ROAD (CH 8) FROM: STA 296+00 TO STA 314+75
- (CONSTRUCTION INCLUDES CLEARING, TREE REMOVAL, EXCAVATION, EMBANKMENT, CULVERTS, PAVING, SEEDING, PAVEMENT MARKING, SIGNING AND PERMANENT EROSION CONTROL ITEMS).
- STAGE 2 CONSTRUCTION OF THE FOLLOWING:
- SHILOH ROAD (CH 11) FROM: STA 11+50 TO STA 136+00
  - 1800TH ROAD
  - 1900TH ROAD
- EXTEND LEFT AND RIGHT DITCHES FROM: STA 136+00 TO STA 139+00
- CONSTRUCTION INCLUDES CLEARING, TREE REMOVAL, EXCAVATION, EMBANKMENT, CULVERTS, PAVING, SEEDING, PAVEMENT MARKING, SIGNING AND PERMANENT EROSION CONTROL ITEMS).

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 23.7 ACRES OF WHICH 12.6 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION ON THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, STANDARD SPECIFICATIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. BRUSHY FORK.
2. MULTIPLE UNNAMED TRIBUTARIES.

CONTROLS \* EROSION CONTROLS AND SEDIMENT CONTROL


DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS, AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. IN NO CASE, SHALL MORE THAN 7 DAYS ELAPSE AFTER THE CONSTRUCTION ACTIVITY IN ANY PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED BEFORE INITIATION OF STABILIZATION MEASURES.
  - (a.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS WILL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
  - (b.) ALONG WITH REQUIRED TREE REMOVAL, DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
  - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
  - (d.) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
  - (e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
  - (f.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
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 COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS 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 PROPERLY 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, 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.

  
EDGAR COUNTY ENGINEER      3/18/08  
DATE

STORM WATER POLLUTION PREVENTION PLAN																																			
<table border="1"> <tr> <th>REVISIONS</th> <th>DATE</th> <th>INITIALS</th> </tr> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> </table>	REVISIONS	DATE	INITIALS	1			2			3			4			5			6			7			8			9			10			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	DRAWN BY: RLK 7/07 CHECKED BY: CAS 7/07 BOOK NUMBER: 469 PROJECT No.: 5245 SHEET No.:
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	33

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
  - (a.) TO PREVENT UNNECESSARY SOIL EROSION WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY.
  - (b.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
  - (c.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
    - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
    - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
    - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - IV. TEMPORARILY 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 PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
  - (d.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
  - (e.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
  - (f.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND 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 EROSION CONTROL WORK IS NECESSARY.
  - (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF 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 SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
  - (h) THE TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER THEIR USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE VARIOUS TEMPORARY EROSION CONTROL ITEMS.

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.
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.

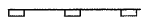





MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY EDGAR COUNTY FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.


MISCELLANEOUS:

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
2. MULCH METHOD 1 AS APPLIED TO TEMPORARY SEEDING SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY EROSION CONTROL SEEDING.
3. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
4. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

EROSION AND SEDIMENT CONTROL  
STANDARD SYMBOLS

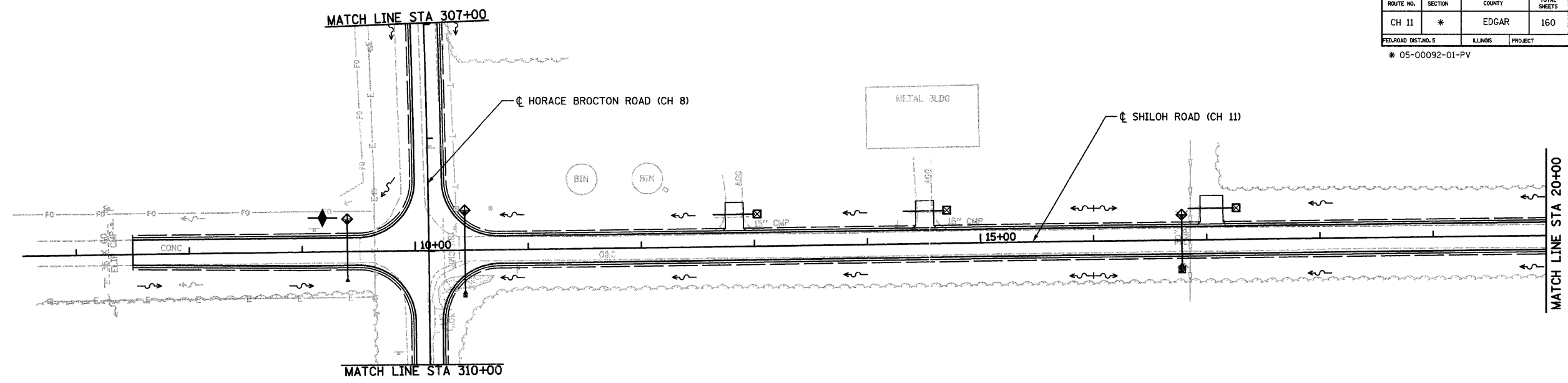
-  PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  EROSION CONTROL BLANKET
-  FLOW LINES
-  INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES
-  PERMANENT EARTH BERM DITCH CHECK
-  RIPRAP

REVISIONS			DRAWN BY DATE	
NO.	DATE	INITIALS	RLK	7/07
1			CAS	7/07
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SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		BOOK NUMBER 469
 <b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS <small>184-00187</small>		DECATUR CHICAGO <small>(317) 422-8544 (773) 714-0050</small>  ROCKFORD <small>(815) 489-0050</small>
PROJECT No. 5245		SHEET No.

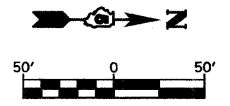
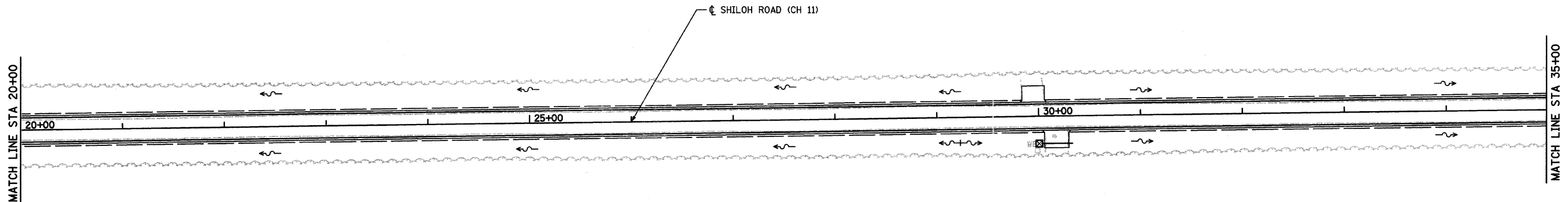
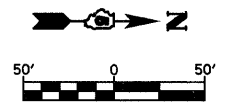
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	34

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



**INTENDED SEQUENCE**

1. CONSTRUCT AND/OR INSTALL ALL CULVERTS.
2. INSTALL INLET AND PIPE PROTECTION AT THE UPSTREAM ENDS OF THE CULVERTS.
3. INSTALL PERMANENT RIP RAP AT THE LOCATIONS IDENTIFIED IN THE PLANS.
4. SEED AND MULCH ALL DISTURBED AREAS AS INDICATED IN THE PLANS.



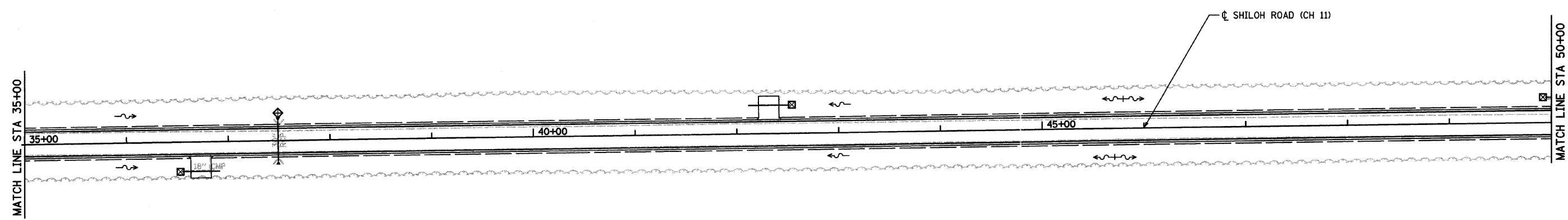
**EROSION AND SEDIMENT CONTROL STANDARD SYMBOLS**

- |  |  |  |  |
|--|--|--|--|
|  | PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER |  | INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES |
|  | EROSION CONTROL BLANKET  |  | PERMANENT EARTH BERM DITCH CHECK                                   |
|  | FLOW LINES   |  | RIPRAP   |

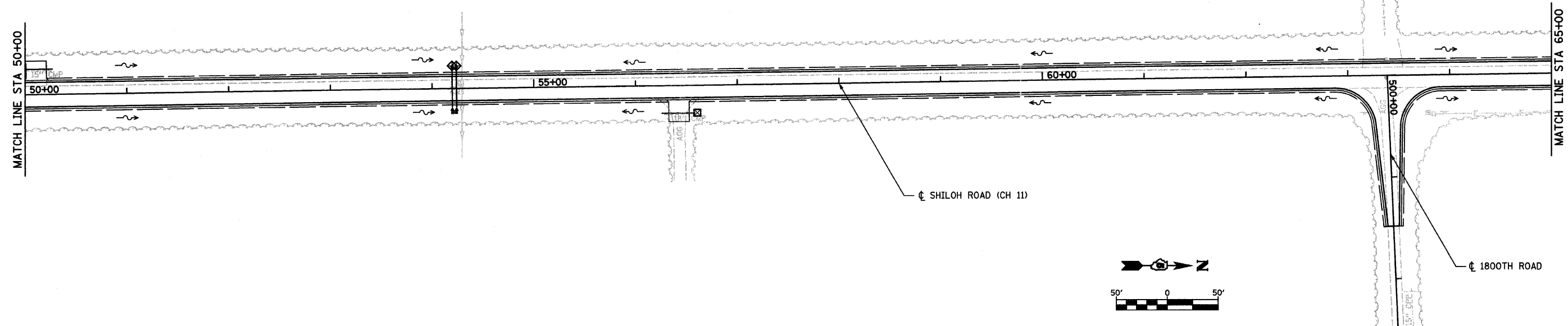
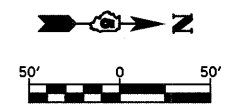
REVISIONS			EROSION CONTROL PLAN	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY: RLK DATE: 7/07	
2			CHECKED BY: CAS DATE: 7/07	
3			BOOK NUMBER: 469	
4			PROJECT No.: 5245	
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7			DECATUR CHICAGO (317) 422-8544 (773) 714-0050	
8			ROCKFORD (815) 489-0050	
9			184-001377	
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	35

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
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- INTENDED SEQUENCE
1. CONSTRUCT AND/OR INSTALL ALL CULVERTS.
  2. INSTALL INLET AND PIPE PROTECTION AT THE UPSTREAM ENDS OF THE CULVERTS.
  3. INSTALL PERMANENT RIP RAP AT THE LOCATIONS IDENTIFIED IN THE PLANS.
  4. SEED AND MULCH ALL DISTURBED AREAS AS INDICATED IN THE PLANS.



EROSION AND SEDIMENT CONTROL  
STANDARD SYMBOLS

- |  |  |  |  |
|--|--|--|--|
|  | PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER |  | INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES |
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|  | FLOW LINES   |  | RIPRAP   |

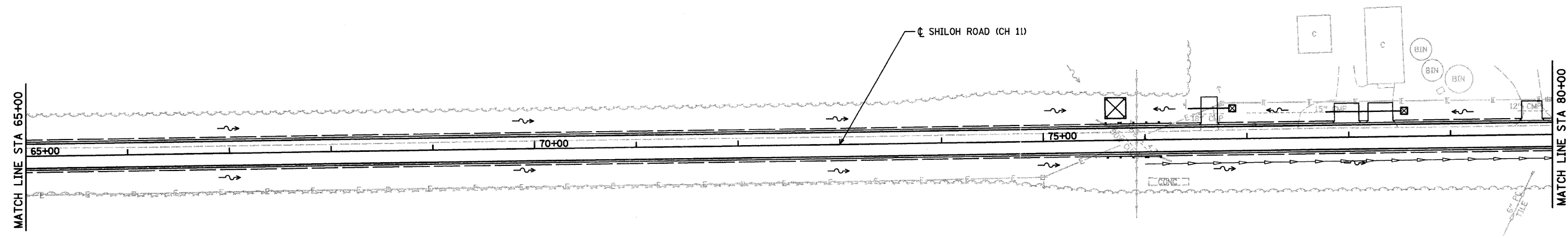
REVISIONS			EROSION CONTROL PLAN	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY: RLK DATE: 7/07	
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**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-001397

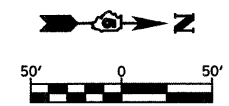
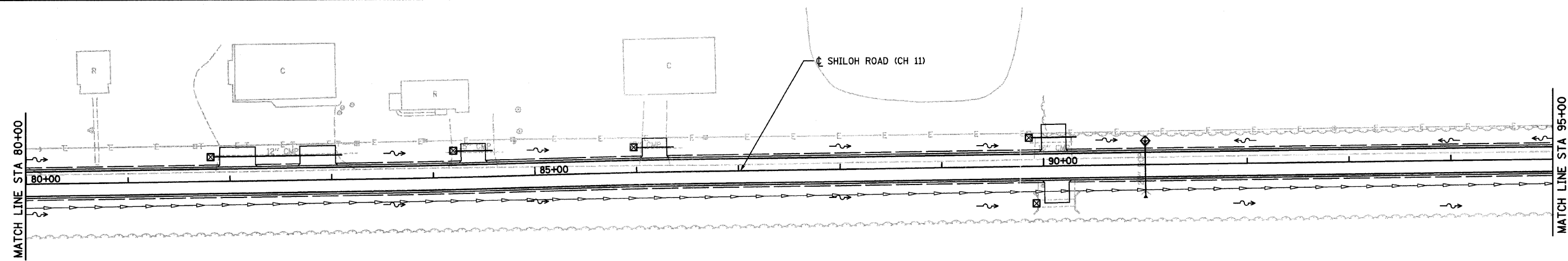
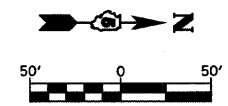
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	36

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



- INTENDED SEQUENCE
1. CONSTRUCT AND/OR INSTALL ALL CULVERTS.
  2. INSTALL INLET AND PIPE PROTECTION AT THE UPSTREAM ENDS OF THE CULVERTS.
  3. INSTALL PERMANENT RIP RAP AT THE LOCATIONS IDENTIFIED IN THE PLANS.
  4. SEED AND MULCH ALL DISTURBED AREAS AS INDICATED IN THE PLANS.



EROSION AND SEDIMENT CONTROL  
STANDARD SYMBOLS

- |  |  |  |  |
|--|--|--|--|
|  | PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER |  | INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES |
|  | EROSION CONTROL BLANKET  |  | PERMANENT EARTH BERM DITCH CHECK                                   |
|  | FLOW LINES   |  | RIPRAP   |

REVISIONS			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE
No.	DATE	INITIALS			RLK 7/07
1					CHECKED BY DATE
2					CAS 7/07
3					BOOK NUMBER
4					469
5					PROJECT NO.
6					5245
7					SHEET NO.
8					
9					
10					

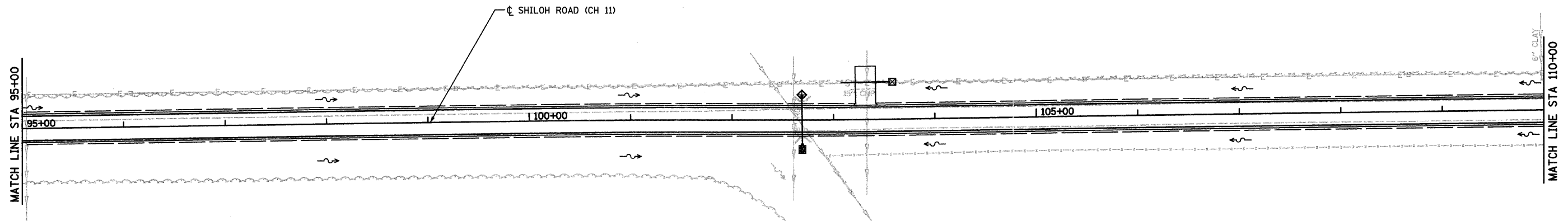
**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-001397

DECATUR CHICAGO  
(317) 432-8544 (773) 714-0050  
ROCKFORD  
(815) 489-0050

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	37

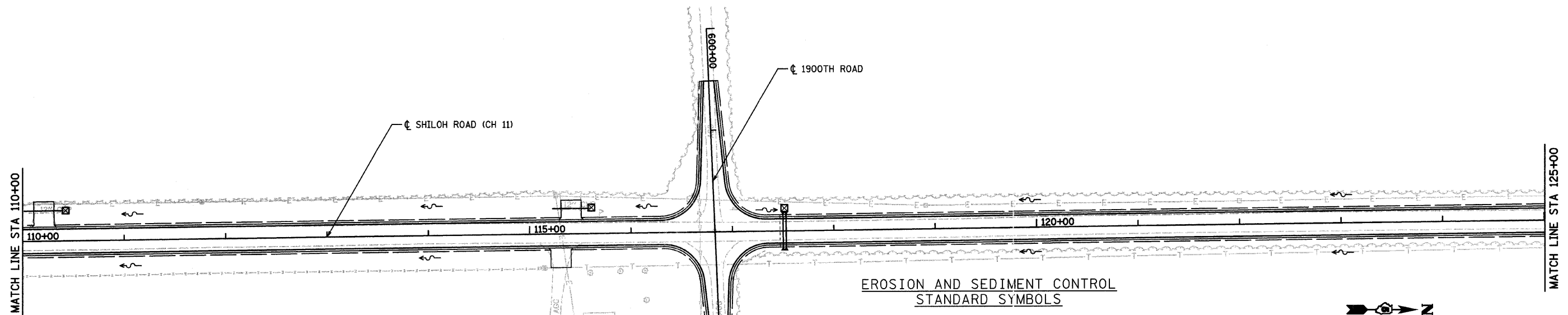
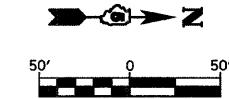
FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV



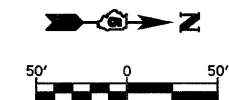
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EROSION AND SEDIMENT CONTROL STANDARD SYMBOLS

- PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
- EROSION CONTROL BLANKET
- FLOW LINES
- INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES
- PERMANENT EARTH BERM DITCH CHECK
- RIPRAP



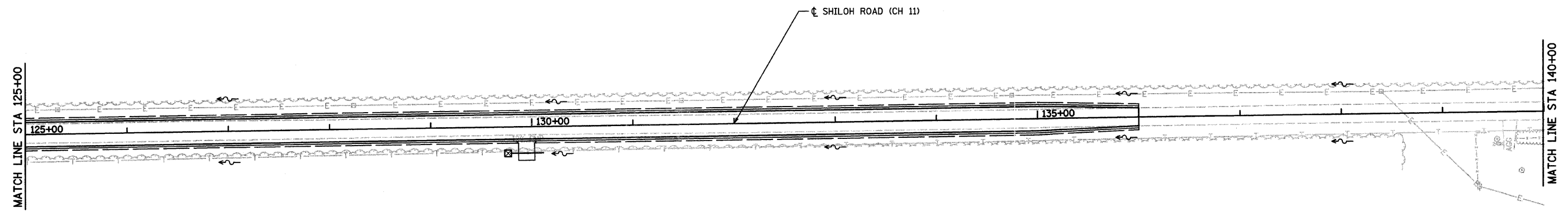
REVISIONS			EROSION CONTROL PLAN	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE RLK 7/07	
2			CHECKED BY DATE CAS 7/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6				
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184-081977

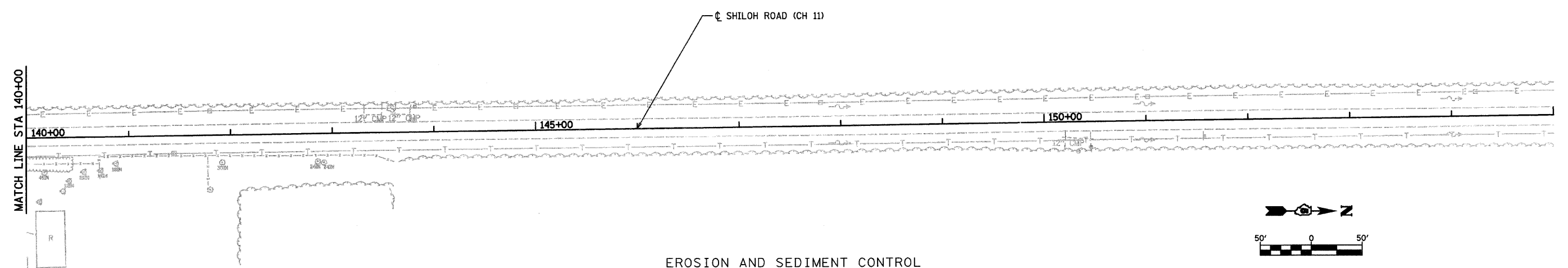
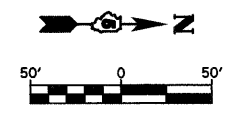
DECATUR CHICAGO  
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ROCKFORD  
(815) 489-0650

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	38
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV

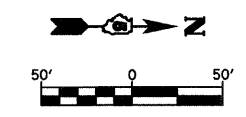


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EROSION AND SEDIMENT CONTROL  
STANDARD SYMBOLS

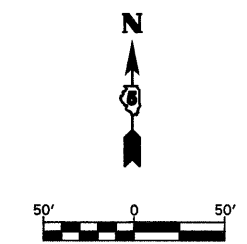
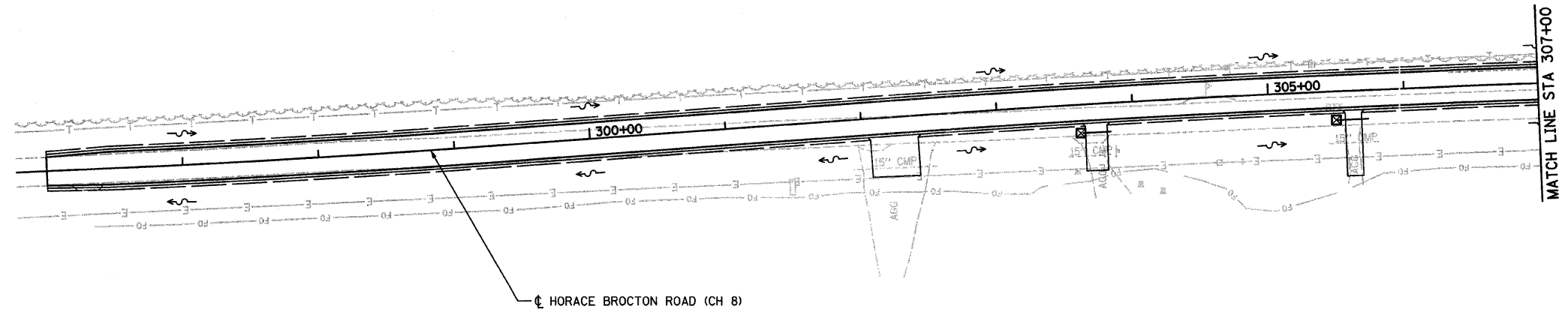
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|--|--|--|--|
|  | PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER |  | INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES |
|  | EROSION CONTROL BLANKET  |  | PERMANENT EARTH BERM DITCH CHECK                                   |
|  | FLOW LINES   |  | RIPRAP   |



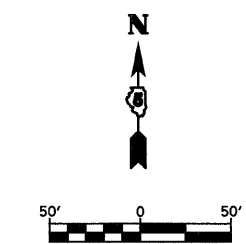
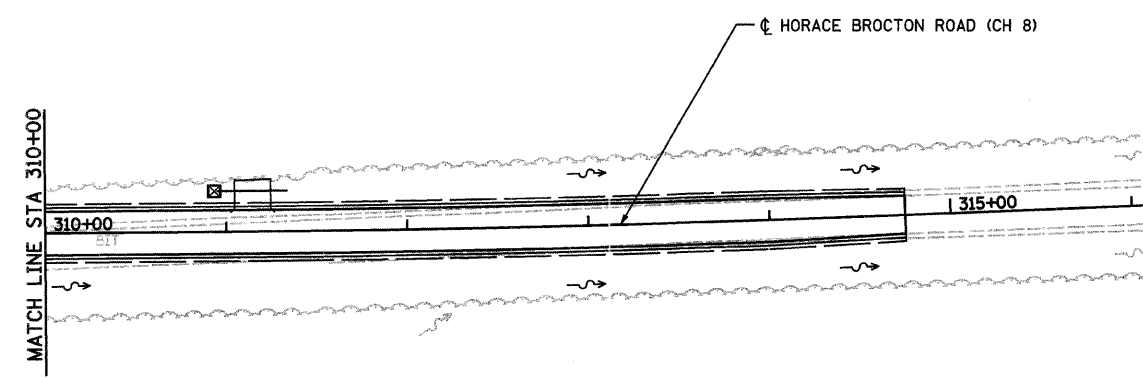
EROSION CONTROL PLAN		
SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY: RLK DATE: 7/07 CHECKED BY: CAS DATE: 7/07 BOOK NUMBER: 469 PROJECT No.: 5245 SHEET No.:
<b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS 184-001377		DECATUR CHICAGO (817) 432-8544 (773) 714-0050 ROCKFORD (815) 489-0050
REVISIONS No.   DATE   INITIALS 1       2       3       4       5       6       7       8       9       10		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	39

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



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EROSION AND SEDIMENT CONTROL  
STANDARD SYMBOLS

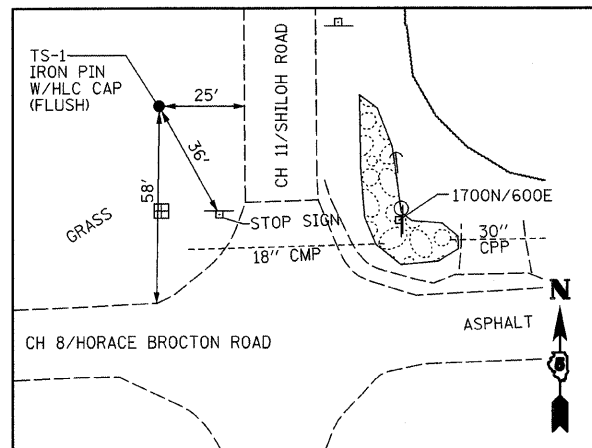
	PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER		INLET AND PIPE PROTECTION - STRAW BALES, FILTER FABRIC, AGGREGATES
	EROSION CONTROL BLANKET		PERMANENT EARTH BERM DITCH CHECK
	FLOW LINES		RIPRAP

REVISIONS			EROSION CONTROL PLAN	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE RLK 7/07	
2			CHECKED BY DATE CAS 7/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6				
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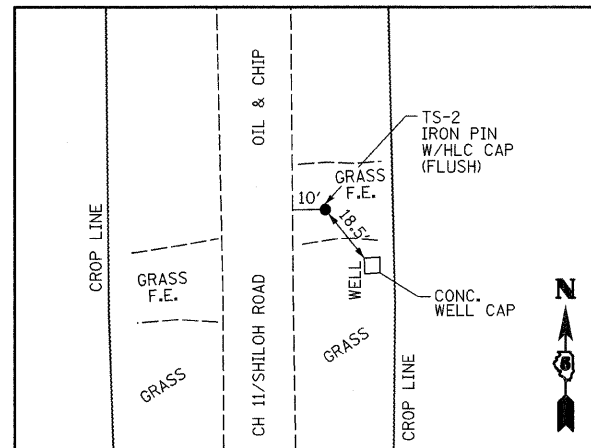
**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-001897

DECATUR CHICAGO  
317-422-8644 773-714-0660  
ROCKFORD  
(815) 489-0060

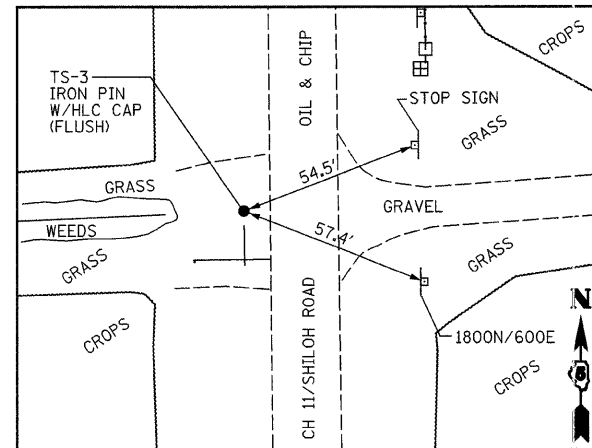
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	40
FED. ROAD DIST. NO. 5			ILLINOIS	PROJECT
* 05-00092-01-PV				



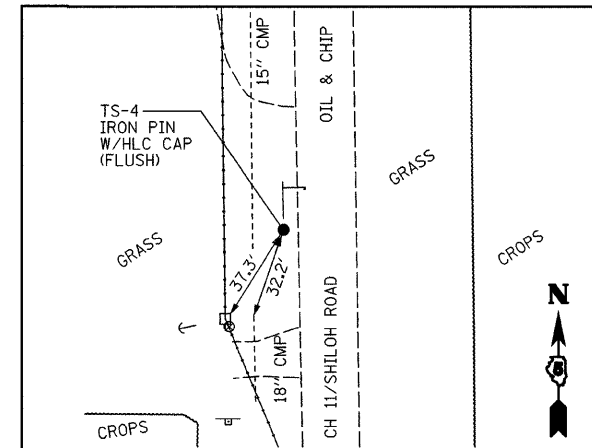
TS - 1  
 STA 10+67.09  
 O/S 36.66' LT  
 N 1,111,351.274  
 E 1,118,914.277  
 ELEV 670.63



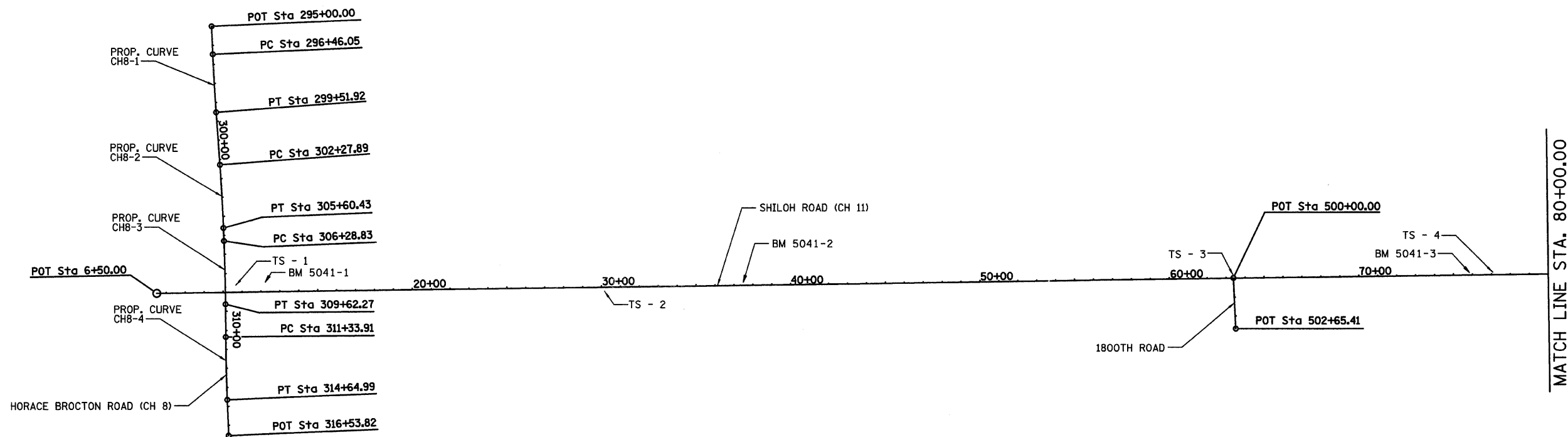
TS - 2  
 STA 30+15.38  
 O/S 19.91' RT  
 N 1,113,300.138  
 E 1,118,945.575  
 ELEV 678.58



TS - 3  
 STA 63+37.59  
 O/S 15.64' LT  
 N 1,116,621.609  
 E 1,118,866.944  
 ELEV 671.82



TS - 4  
 STA 77+07.24  
 O/S 13.98' LT  
 N 1,117,991.164  
 E 1,118,850.844  
 ELEV 666.93



BM#	STA	O/S	ELEV	DESCRIPTION
5041-1	12+24	51.0' LT	672.14	CHISELED SQUARE NORTHEAST CORNER CONCRETE FOUNDATION FOR GRAIN DRIER, 2ND GRAIN BIN NORTH OF CH 8 ON WEST SIDE OF CH 11.
5041-2	37+50	17.5' LT	670.55	CHISELED SQUARE ON WEST HEADWALL OF 30'' CULVERT UNDER CH 11 0.5 MILE NORTH OF INTERSECTION OF CH 11 & CH 8.
5041-3	75+84	14.0' LT	677.78	CHISELED SQUARE ON NORTH END OF WEST HEADWALL OF BOX CULVERT UNDER CH 11, 1.2 MILES NORTH OF CH 8.

PROP. CURVE CH8-1  
 PI STA. = 297+99.00  
 $\Delta = 1^\circ 40' 09''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 152.95'$   
 $L = 305.87'$   
 $E = 1.11'$   
 $e = NC$   
 P.C. STA. = 296+46.05  
 P.T. STA. = 299+51.92

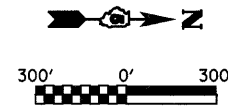
PROP. CURVE CH8-2  
 PI STA. = 303+94.17  
 $\Delta = 1^\circ 48' 52''$  (RT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 166.28'$   
 $L = 332.54'$   
 $E = 1.32'$   
 $e = NC$   
 P.C. STA. = 302+27.89  
 P.T. STA. = 305+60.43

PROP. CURVE CH8-3  
 PI STA. = 307+95.56  
 $\Delta = 1^\circ 49' 10''$  (RT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 166.73'$   
 $L = 333.44'$   
 $E = 1.32'$   
 $e = NC$   
 P.C. STA. = 306+28.83  
 P.T. STA. = 309+62.27

PROP. CURVE CH8-4  
 PI STA. = 312+99.46  
 $\Delta = 1^\circ 48' 24''$  (LT)  
 $D = 0^\circ 32' 44''$   
 $R = 10,500.00'$   
 $T = 165.55'$   
 $L = 331.08'$   
 $E = 1.31'$   
 $e = NC$   
 P.C. STA. = 311+33.91  
 P.T. STA. = 314+64.99

REVISIONS			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE RLK 7/07	
No.	DATE	INITIALS			CHECKED BY DATE CAS 7/07	
1					BOOK NUMBER 469	
2					PROJECT NO. 5245	
3					SHEET NO.	
4						
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 184-001977  
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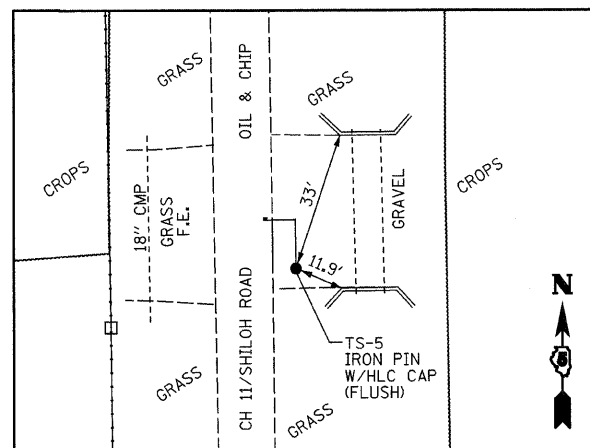




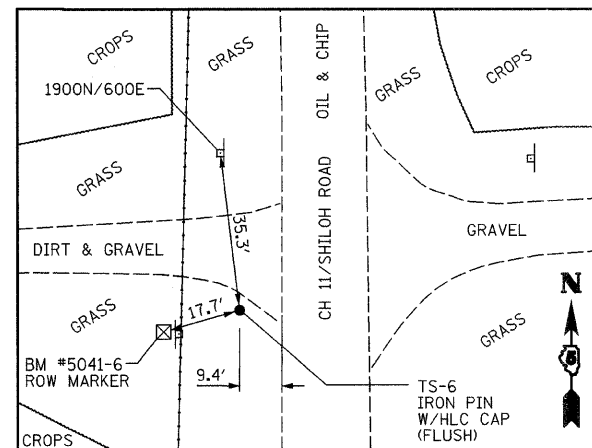
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	41

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

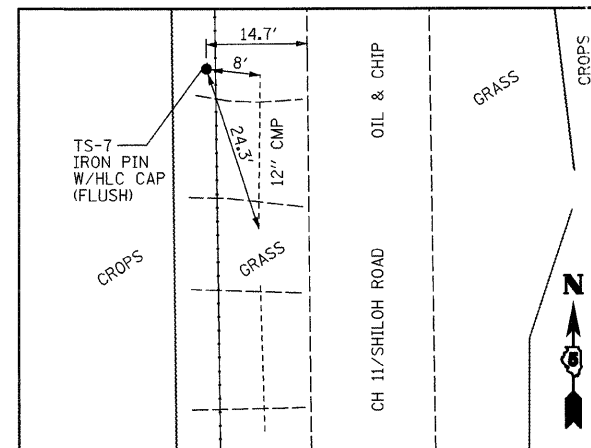
\* 05-00092-01-PV



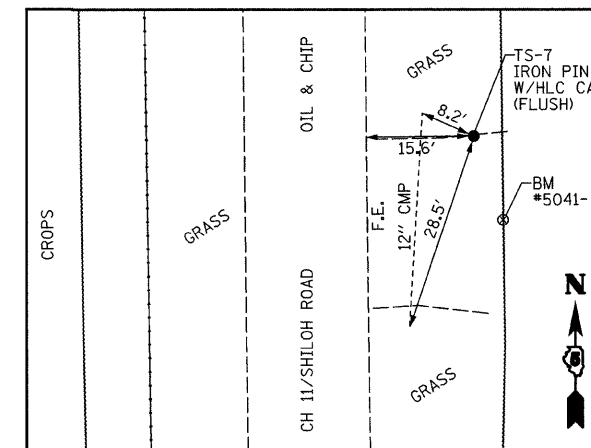
TS - 5  
 STA 89+99.12  
 O/S 19.14' RT  
 N 1,119,283.307  
 E 1,118,864.209  
 ELEV 665.82



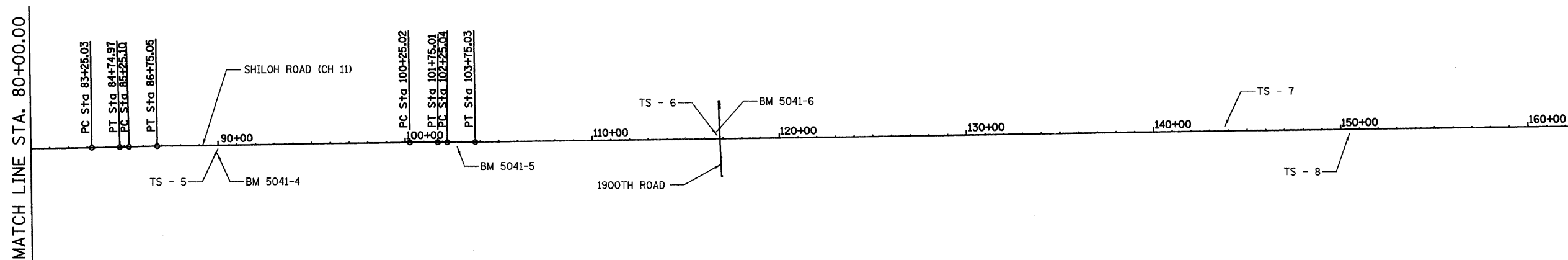
TS - 6  
 STA 116+67.29  
 O/S 18.99' LT  
 N 1,121,950.779  
 E 1,118,794.483  
 ELEV 665.01



TS - 7  
 STA 143+81.51  
 O/S 24.74' LT  
 N 1,124,664.695  
 E 1,118,753.533  
 ELEV 663.10

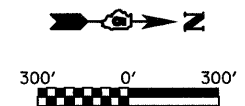


TS - 8  
 STA 150+45.58  
 O/S 24.74' RT  
 N 1,125,329.355  
 E 1,118,794.404  
 ELEV 661.33



BM#	STA	O/S	ELEV	DESCRIPTION
5041-4	89+94	42.7' RT	665.34	CHISELED SQUARE ON EAST END OF SOUTH WING WALL ON DOUBLE BOX CULVERT FOR FIELD ENTRANCE ON EAST SIDE OF CH 11, 1.5 MILES NORTH OF CH 8.
5041-5	102+77	22.0' RT	665.16	CHISELED SQUARE ON EAST HEADWALL OF 48" RCP ACROSS CH 11, 1.75 MILES NORTH OF CH 8.
5041-6	116+63	36.0' LT	667.40	TOP OF RIGHT OF WAY MARKER, SOUTHWEST CORNER 1900 NORTH & 600 EAST, 2 MILES NORTH OF CH 8.

PROP. CURVE CH11-1	PROP. CURVE CH11-2	PROP. CURVE CH11-3	PROP. CURVE CH11-4
PI STA. = 84+00.00	PI STA. = 86+00.08	PI STA. = 101+00.02	PI STA. = 103+00.04
Δ = 0° 51' 33" (LT)	Δ = 0° 51' 33" (RT)	Δ = 0° 51' 34" (RT)	Δ = 0° 51' 34" (LT)
D = 0° 34' 23"	D = 0° 34' 23"	D = 0° 34' 23"	D = 0° 34' 23"
R = 10,000.00'	R = 10,000.00'	R = 10,000.00'	R = 10,000.00'
T = 74.97'	T = 74.97'	T = 75.00'	T = 75.00'
L = 149.95'	L = 149.95'	L = 149.99'	L = 149.99'
E = 0.28'	E = 0.28'	E = 0.28'	E = 0.28'
⊙ = NC	⊙ = NC	⊙ = NC	⊙ = NC
P.C. STA. = 83+25.03	P.C. STA. = 85+25.10	P.C. STA. = 100+25.02	P.C. STA. = 102+25.04
P.T. STA. = 84+74.97	P.T. STA. = 86+75.05	P.T. STA. = 101+75.01	P.T. STA. = 103+75.03



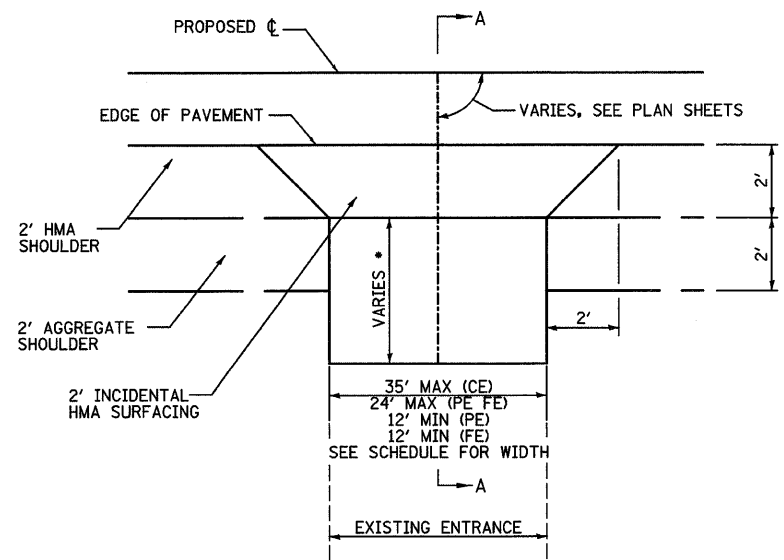
REVISIONS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRWN BY DATE
No.	DATE	INITIALS		FLK 7/07
1				CHECKED BY DATE
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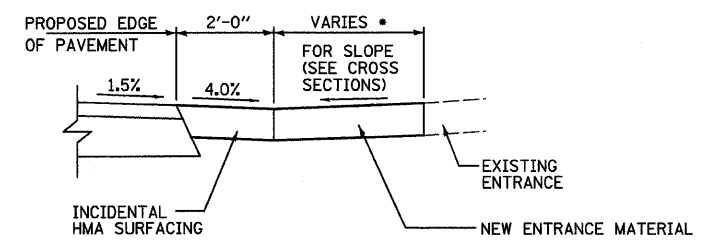
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	42
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV



TYPICAL COMMERCIAL, PRIVATE OR FIELD ENTRANCE  
ADJACENT TO BITUMINOUS SHOULDERS

SHILOH ROAD (CH 11)			EXISTING MATERIAL	PROPOSED	
STATION	OFFSET	TYPE		WIDTH	LENGTH
12+82	LT	PE	AGG	16	25
14+50	LT	PE	AGG	16	24
17+04	LT	FE	GRASS	20	26
29+95	LT	FE	GRASS	22	16
30+18	RT	FE	GRASS	24	24
36+73	RT	FE	GRASS	20	33
42+32	LT	FE	GRASS	20	23
50+11	LT	FE	GRASS	20	19
56+42	RT	PE	AGG	20	22
76+63	LT	FE	GRASS	16	28
77+98	LT	PE	AGG	24	20
78+31	LT	PE	AGG	24	20
79+80	LT	PE	AGG	20	13
82+08	LT	CE	AGG	35	19
82+87	LT	CE	AGG	35	19
84+40	LT	PE	AGG	24	19
86+18	LT	PE	AGG	24	22
90+10	LT	FE	GRASS	24	25
90+13	RT	FE	GRASS	24	20
103+32	LT	FE	GRASS	20	39
110+21	LT	FE	GRASS	20	25
115+31	RT	PE	AGG	20	19
115+41	LT	FE	GRASS	20	19
129+95	RT	FE	GRASS	16	19

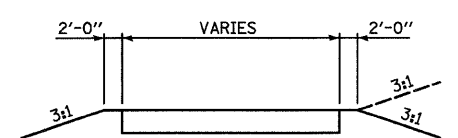


SECTION A-A

HORACE BROXTON ROAD (CH 8)			EXISTING MATERIAL	PROPOSED	
STATION	OFFSET	TYPE		WIDTH	LENGTH
302+23	RT	CE	AGG	35	29
303+72	RT	PE	AGG	16	35
305+62	RT	PE	AGG	12	60
311+15	LT	FE	GRASS	20	25

TYPE OF ENTRANCE	EXISTING MATERIAL	NEW APRON MATERIAL		NEW ENTRANCE MATERIAL	
		INCIDENTAL HOT MIX ASPHALT SURFACING (6")	INCIDENTAL HOT MIX ASPHALT SURFACING (6")	INCIDENTAL HOT MIX ASPHALT SURFACING (6")	AGGREGATE SURFACE COURSE TYPE B (6")
FIELD	GRASS	X			X
	AGGREGATE	X			X
PRIVATE COMMERCIAL	O&C/BITUMINOUS	X	X		
	AGGREGATE	X			X

"X" DENOTES TYPE OF ENTRANCE MATERIALS TO BE CONSTRUCTED



TYPICAL ENTRANCE SECTION

- NOTES
- SEE ENTRANCE/SIDE ROAD SCHEDULE FOR WIDTH AND LENGTH
  - SEE PLANS AND SCHEDULE ABOVE FOR EXISTING SURFACE TYPE
  - SAW-CUT EXISTING PAVED ENTRANCES FULL-DEPTH.
  - FOR ENTRANCE QUANTITY, SEE SCHEDULES OF QUANTITIES

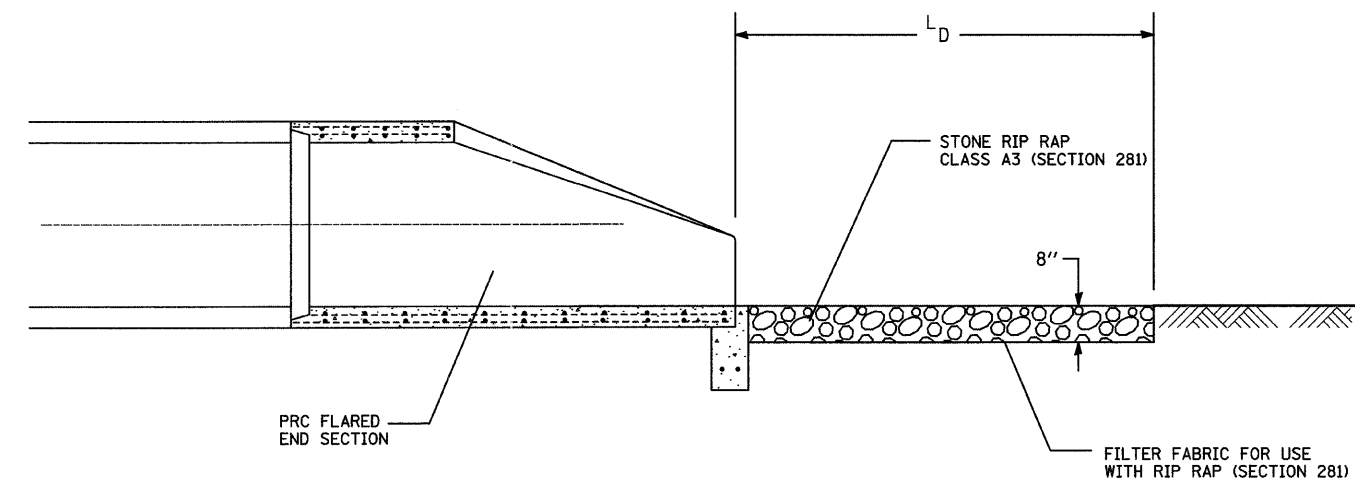
REVISIONS		ENTRANCE DETAILS	
No.	DATE	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1		DRAWN BY: DATE RLK 7/07	
2		CHECKED BY: DATE CAS 7/07	
3		BOOK NUMBER 469	
4		PROJECT No. 5245	
5		SHEET No.	
6		HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001897	
7		DECATUR CHICAGO (317) 422-8544 (773) 714-0050	
8		ROCKFORD (815) 489-0050	
9			
10			

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	43

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV

STATION	WIDTH (FT)	L <sub>D</sub>	A3 (TON)	FILTER FABRIC (SQ YD)
10+44	3'	3'	0.5	1
16+78	6'	6'	2.0	4
54+24	6'	3'	1.0	2
102+69	7'	8'	3.0	6
TOTAL			6.5	13



RIP RAP APRON DETAIL

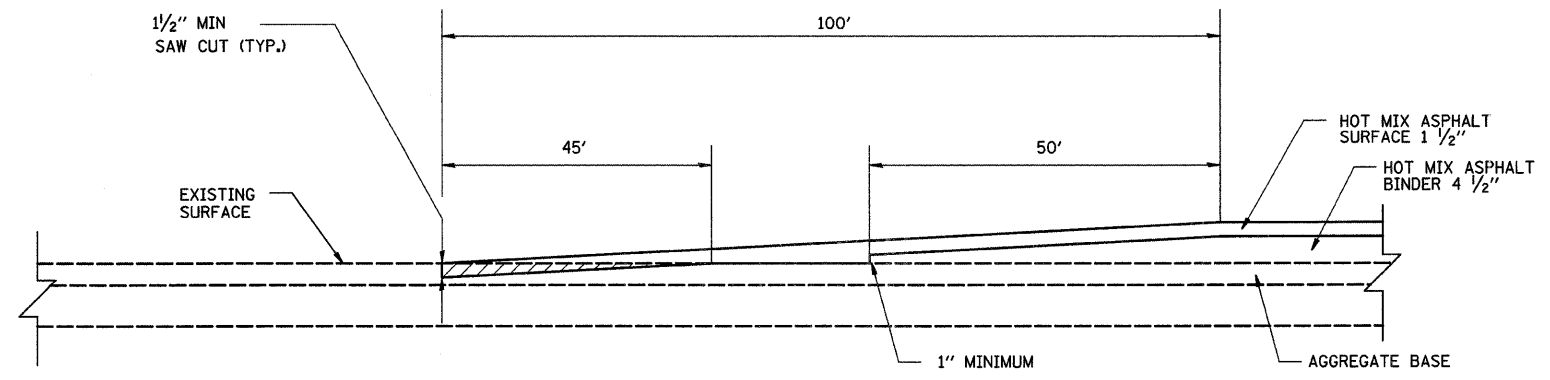
REVISIONS			MISCELLANEOUS DETAILS	
No.	DATE	INITIALS	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1			DRAWN BY DATE RLK 7/07	
2			CHECKED BY DATE CAS 7/07	
3			BOOK NUMBER 469	
4			PROJECT No. 5245	
5			SHEET No.	
6				
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**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-001377

DECATUR CHICAGO  
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ROCKFORD  
(815) 489-0050

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	44

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
 \* 05-00092-01-PV



RAMPING DETAIL  
 BEGINNING AND END OF PROJECT

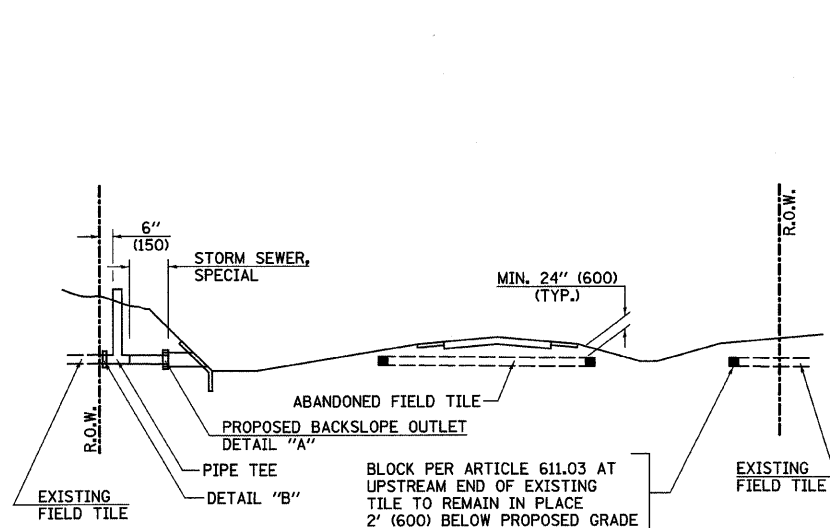
RAMP LOCATIONS				
	ROAD	BEGIN STATION	END STATION	SURFACE TYPE
BEGINNING OF PROJECT	CH 11	7+50	8+50	CONCRETE
	CH 8	296+00	297+00	HOT-MIX ASPHALT
END OF PROJECT	CH 11	136+00	135+00	OIL & CHIP
	CH 8	314+75	313+75	HOT-MIX ASPHALT

MISCELLANEOUS DETAILS				
REVISIONS No. DATE INITIALS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE RLK 7/07
				CHECKED BY DATE CAS 7/07
				BOOK NUMBER 469
		HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-001977		PROJECT No. 5245
		DECATUR CHICAGO (317) 422-8544 (773) 714-0060		SHEET No.
		ROCKFORD (815) 489-0050		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	45
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

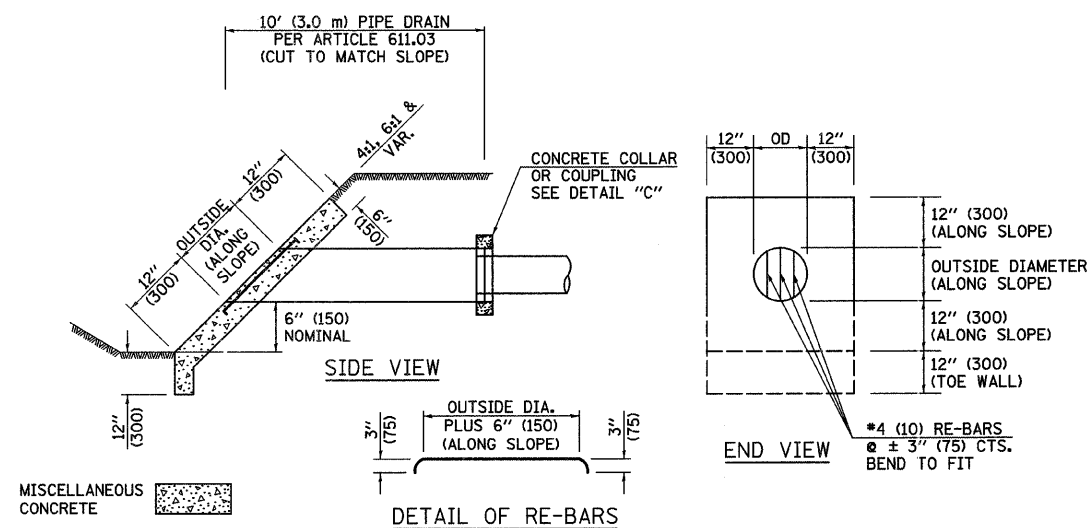
\* 05-0092-01-PV

## DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS



**METHOD 'A' (2 LANE)**

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

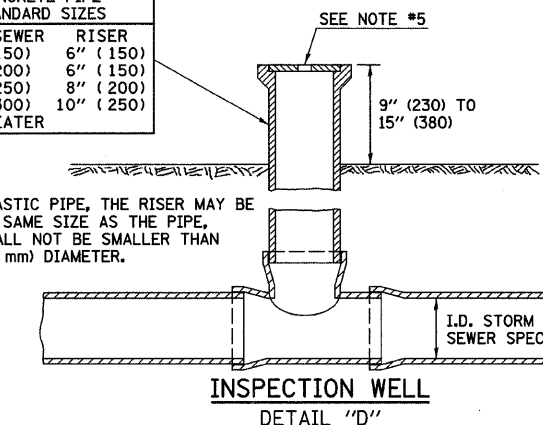


**HEADWALL FOR BACKSLOPE OUTLET**

DETAIL "A"

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	10" (250)
OR GREATER	

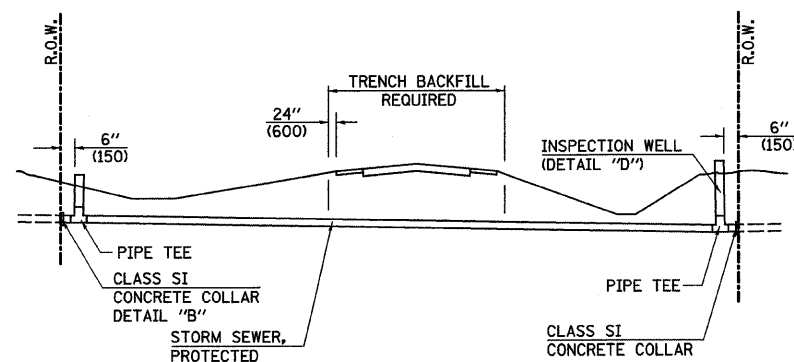
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



**INSPECTION WELL**  
DETAIL "D"

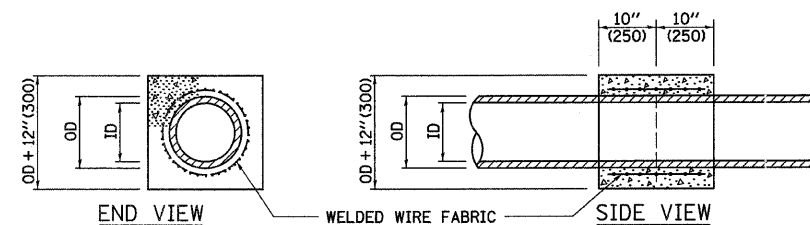
### GENERAL NOTES

1. THE FIELD TILE SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
2. INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
3. EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
4. HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
5. THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



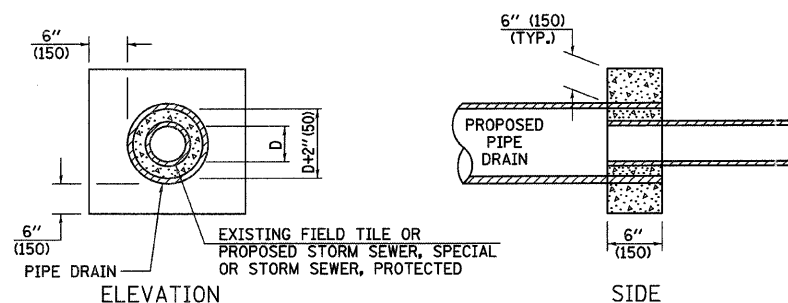
**METHOD 'B' (2 LANE)**

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT



**CONCRETE COLLAR**

DETAIL "B"



**CLASS SI COLLAR**

DETAIL "C"

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

### MISCELLANEOUS DETAILS

REVISIONS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE RLK 7/07	
No.	DATE	INITIALS		CHECKED BY DATE CAS 7/07	BOOK NUMBER 469
1					
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PROJECT No.  
**5245**  
SHEET No.

104-001297

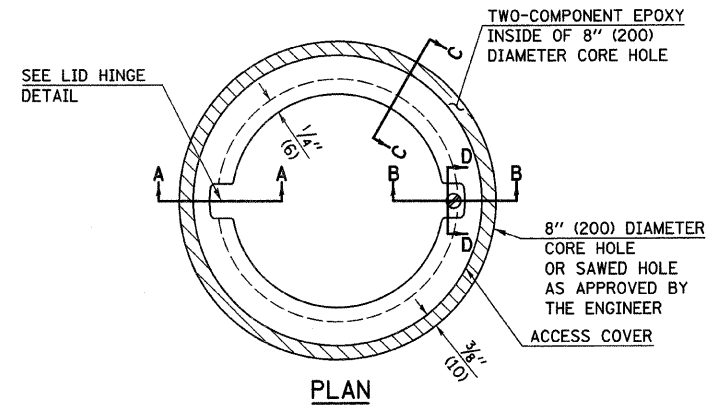
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	46

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV

### X0301232 - SURVEY MARKER VAULT

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)

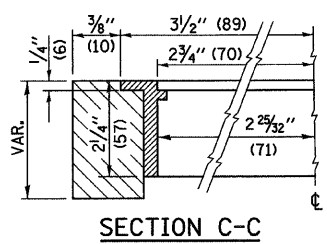
SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.



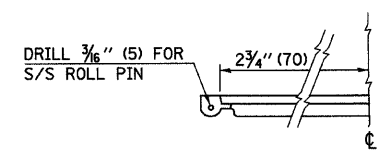
- LEGEND**
- ALUMINUM CASTING
  - 5" (125) OR 6" (150) P.V.C. PIPE
  - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE  
H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

#### GENERAL NOTES

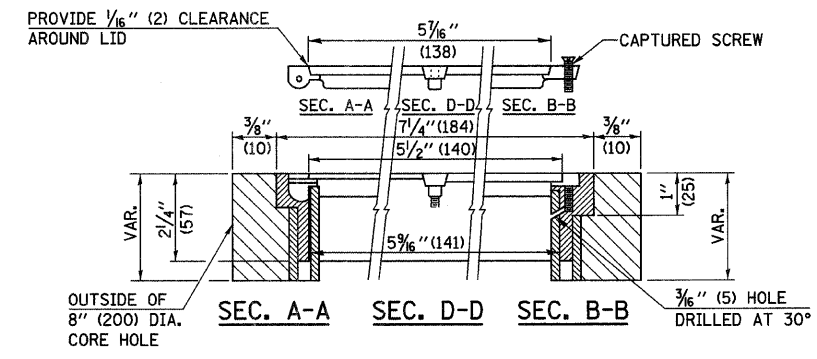
- ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
- BACKFILL WITH FINE AGGREGATE - FA-01/02.
- WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
- THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.



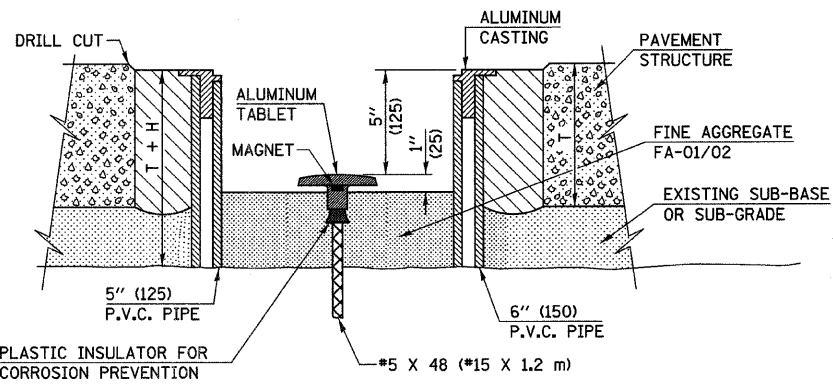
SECTION C-C



LID HINGE DETAIL



ELEVATION



RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

**MISCELLANEOUS DETAILS**

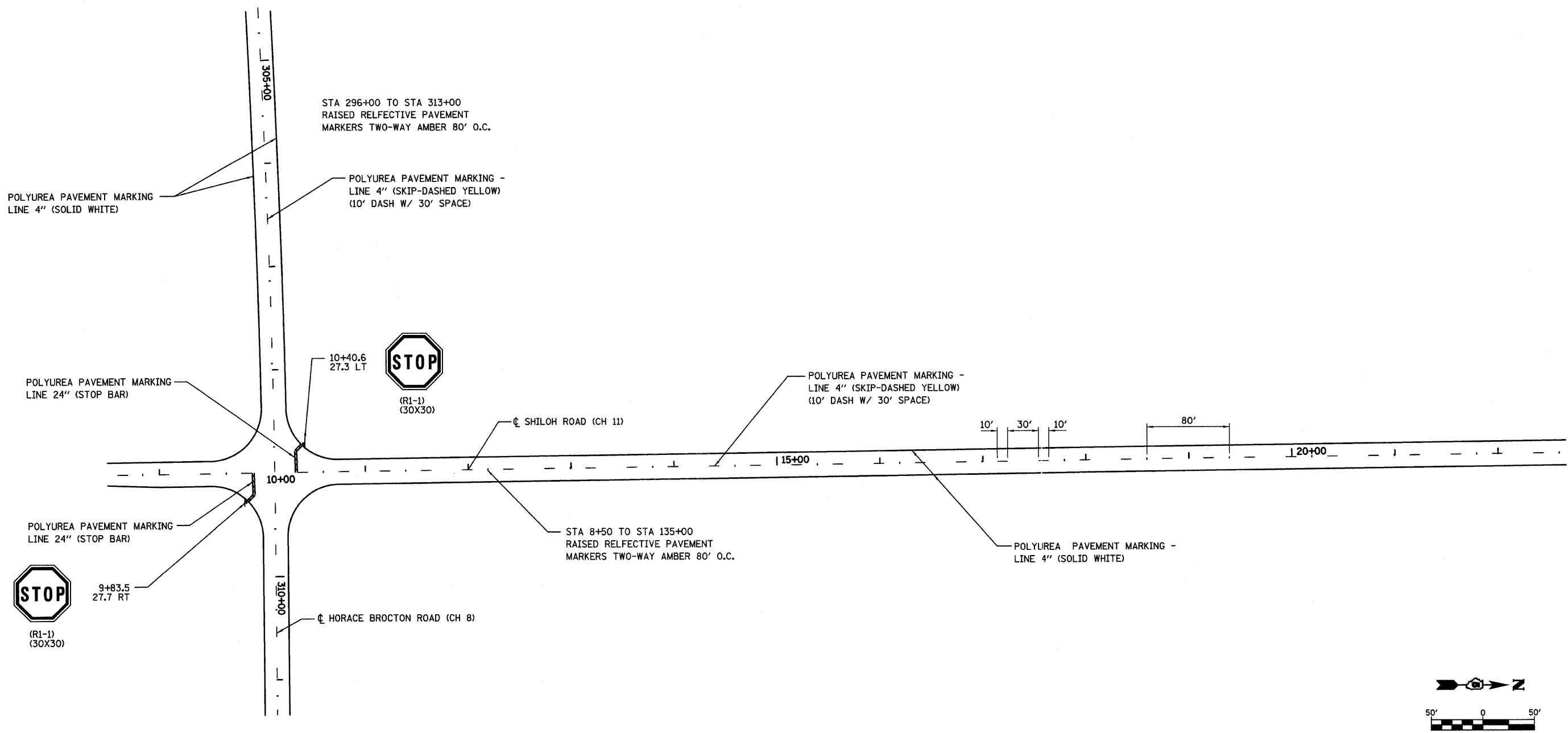
SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY: RLK DATE: 7/07
		CHECKED BY: CAS DATE: 7/07
		BOOK NUMBER: 469
		PROJECT NO.: 5245
		SHEET NO.:

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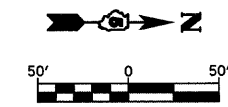
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	47
FED. ROAD DIST. NO. 5		ILLINOIS	PROJECT	

\* 05-00092-01-PV



**NOTES**

- SEE PAVEMENT MARKING SCHEDULE FOR QUANTITIES.

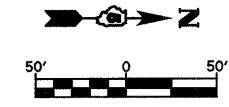
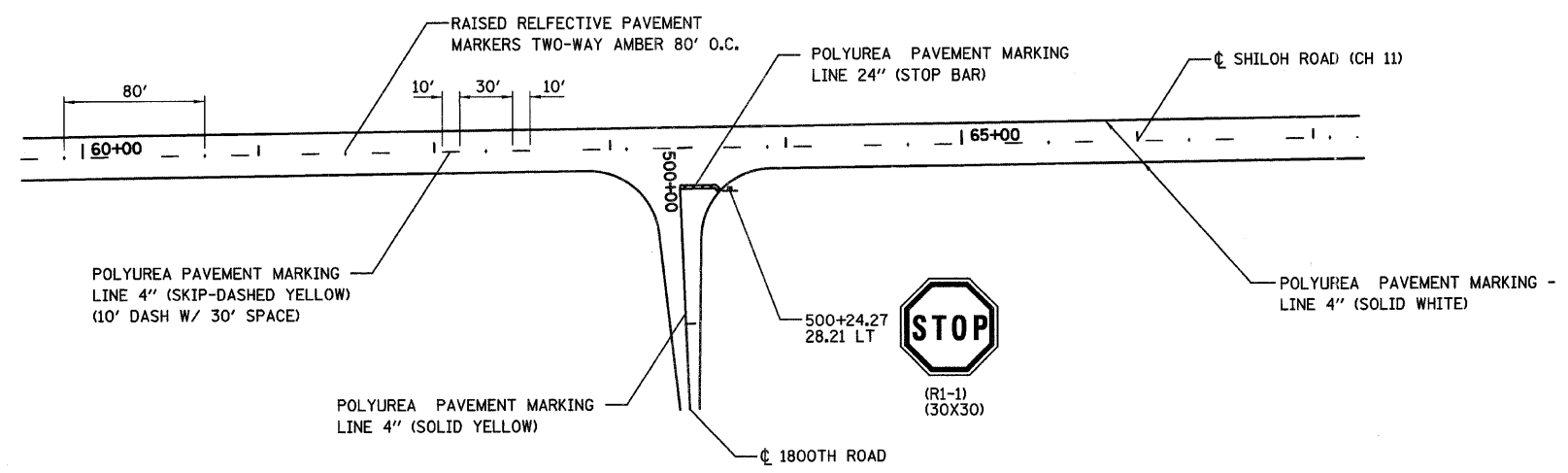


REVISIONS		TYPICAL PAVEMENT MARKING PLAN	
No.	DATE	SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS	
1		DRAWN BY: RLK 7/07	
2		CHECKED BY: CAS 7/07	
3		BOOK NUMBER: 469	
4		PROJECT No.: 5245	
5		SHEET No.:	
6		HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184-00187	
7		ROCKFORD (815) 409-0050	
8		DECATUR CHICAGO (317) 422-8544 (773) 714-0060	
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	48

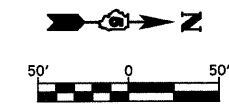
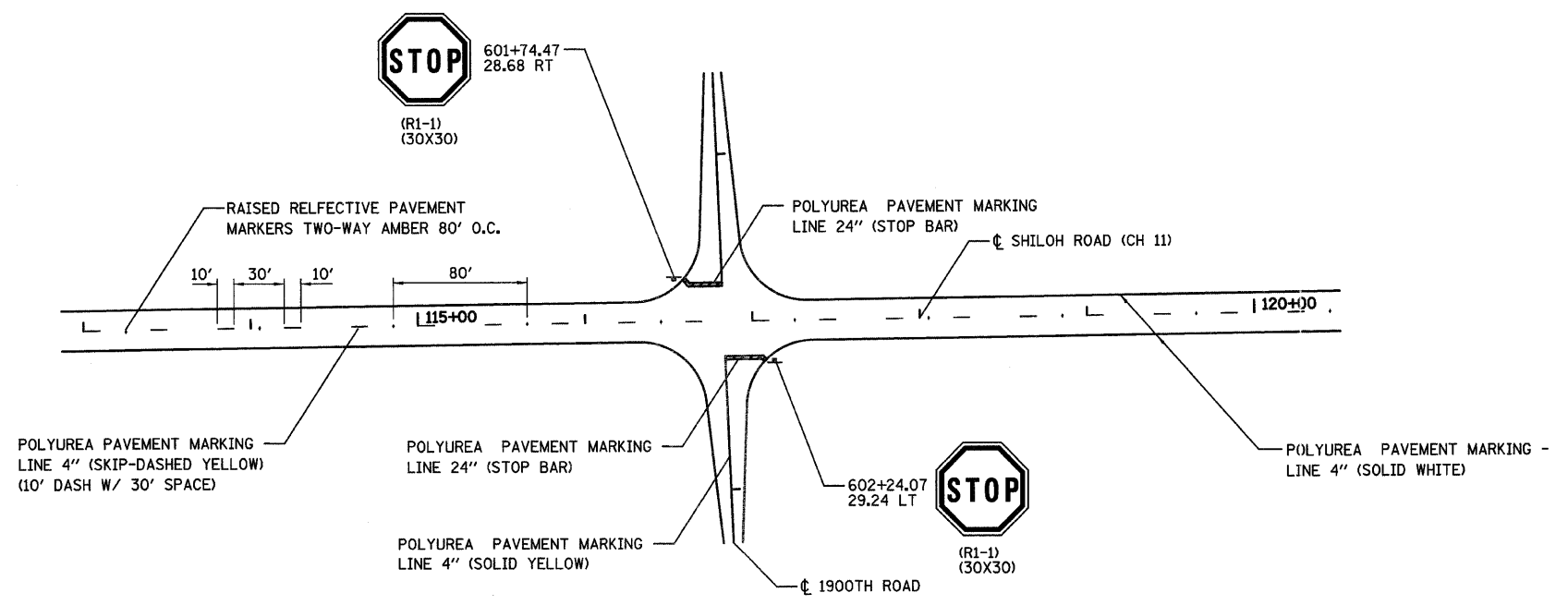
FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV



**NOTES**

1. SEE PAVEMENT MARKING SCHEDULE FOR QUANTITIES.



**NOTES**

1. SEE PAVEMENT MARKING SCHEDULE FOR QUANTITIES.

REVISIONS		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE RLK 7/07
No.	DATE	INITIALS		CHECKED BY DATE CAS 7/07
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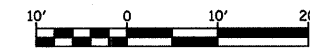
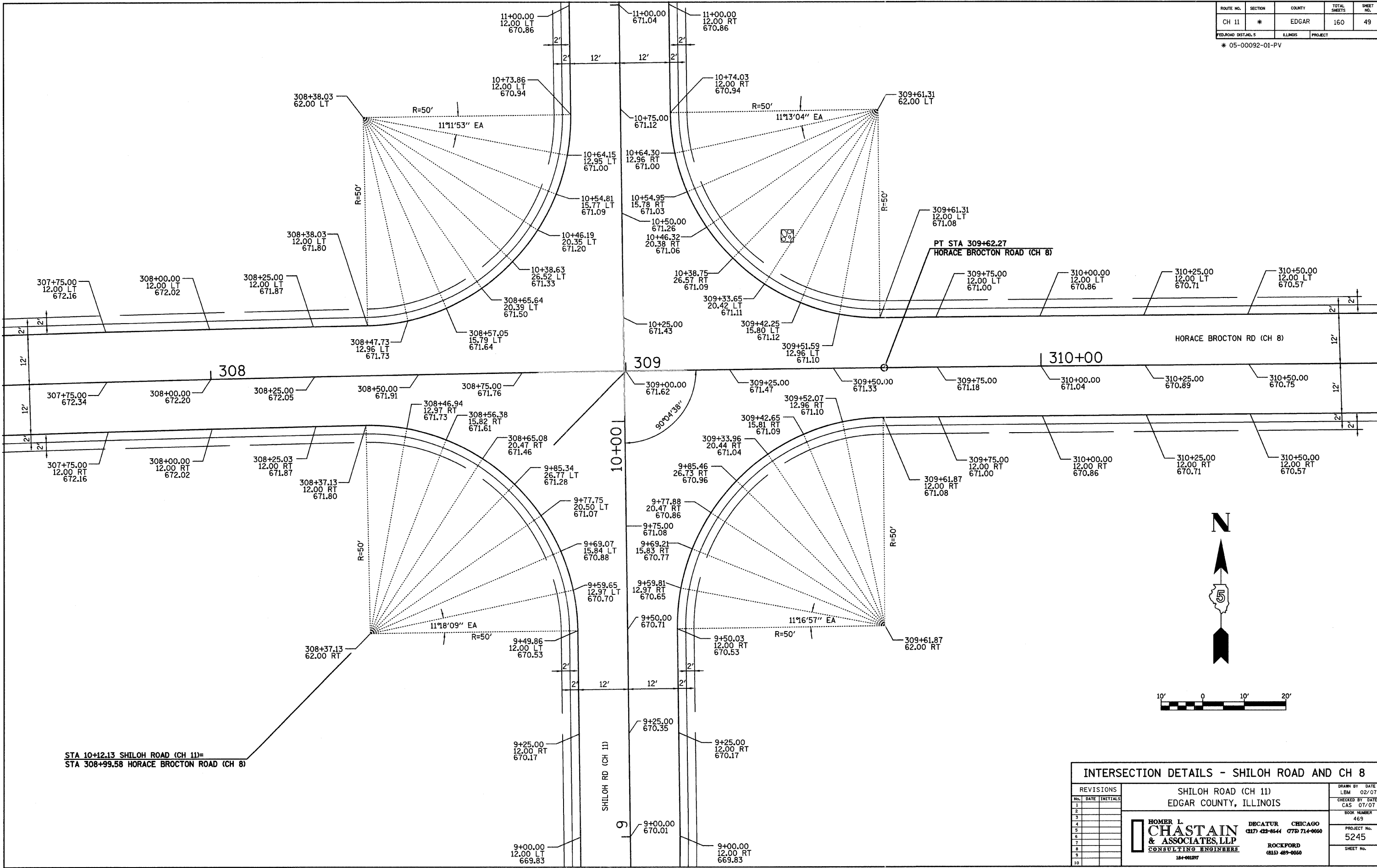
  

<b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS <small>184-061397</small>	DECATUR CHICAGO <small>(317) 422-8544 (773) 714-0650</small>	BOOK NUMBER <b>469</b>
	ROCKFORD <small>(815) 489-0650</small>	PROJECT No. <b>5245</b>
		SHEET No. 



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	49

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



STA 10+42.13 SHILOH ROAD (CH 11)=  
STA 308+99.58 HORACE BROCTON ROAD (CH 8)

REVISIONS			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRAWN BY DATE
1	DATE	INITIALS			LBM 02/07
2					CAS 07/07
3					BOOK NUMBER
4					469
5					PROJECT No.
6					5245
7					SHEET No.
8					
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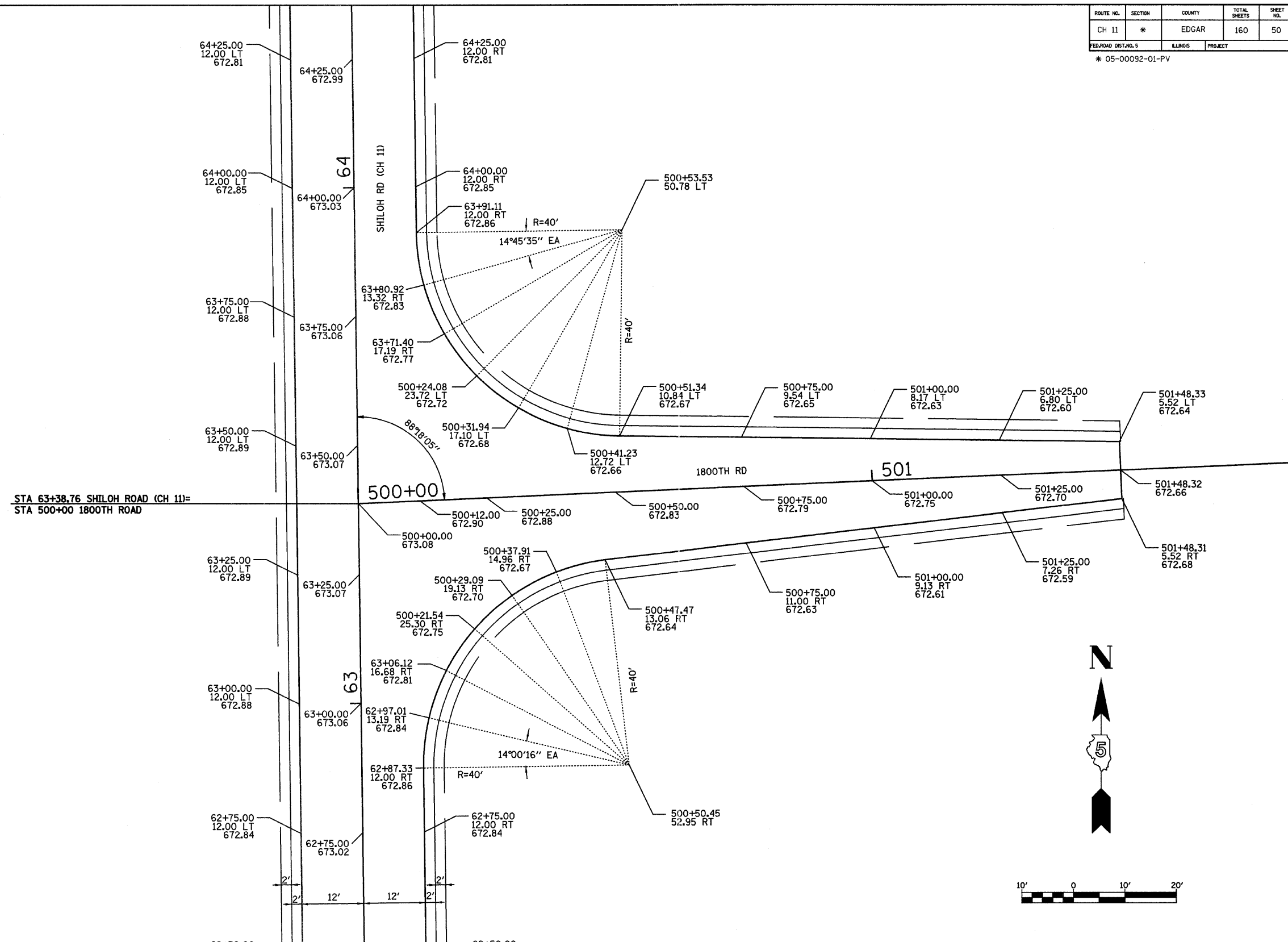
**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	50

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT

\* 05-00092-01-PV

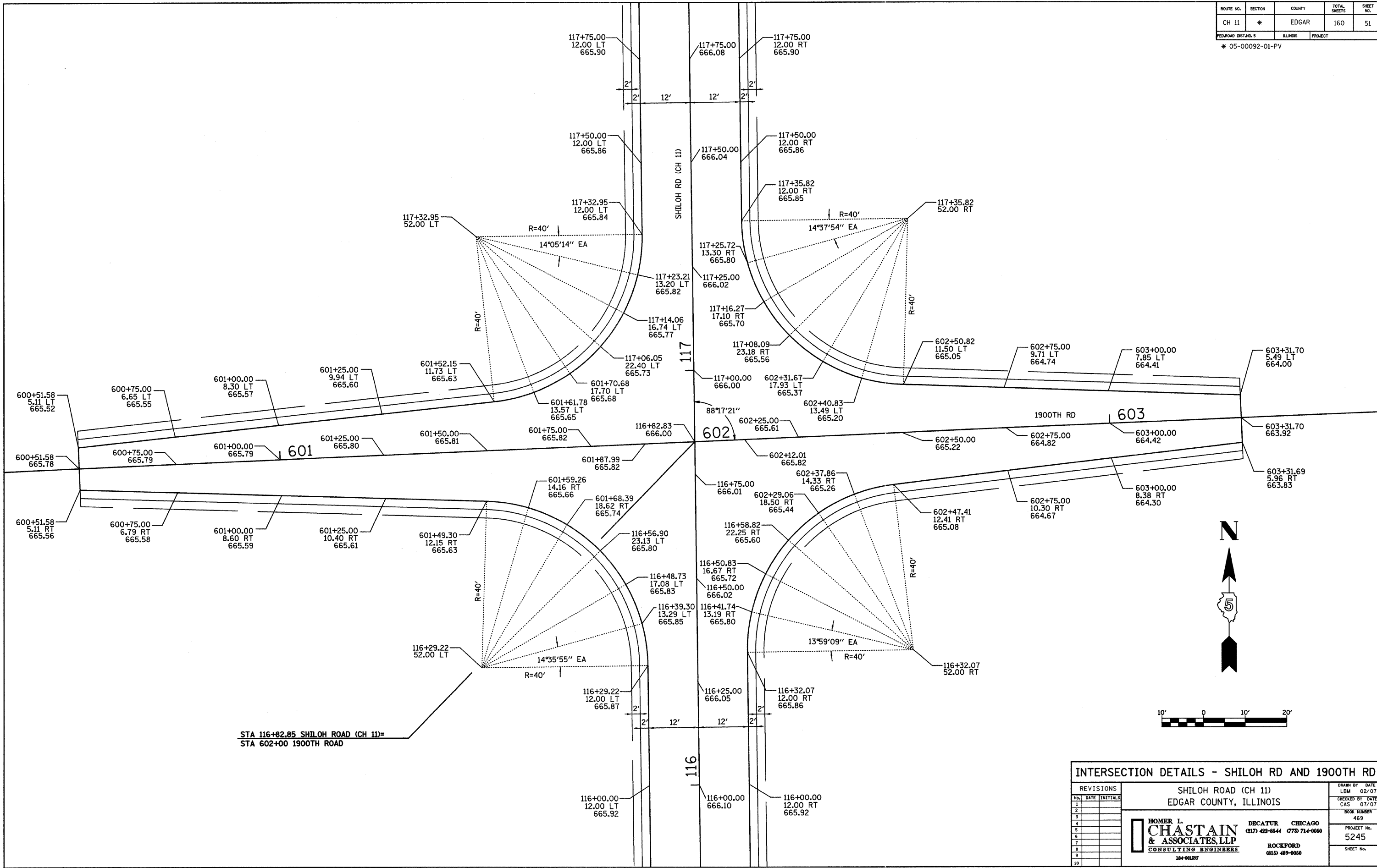


STA 63+38.76 SHILOH ROAD (CH 11) =  
STA 500+00 1800TH ROAD

INTERSECTION DETAILS - SHILOH ROAD AND 1800TH RD		
REVISIONS No. DATE INITIALS 1 2 3 4 5 6 7 8 9 10		SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS  <b>HOMER L. CHASTAIN &amp; ASSOCIATES, LLP</b> CONSULTING ENGINEERS 184-001897
DRAWN BY: LBM DATE: 02/07 CHECKED BY: CAS DATE: 07/07 BOOK NUMBER: 469 PROJECT No.: 5245 SHEET No.:		DECATUR CHICAGO (317) 422-8644 (773) 714-0060 ROCKFORD (815) 489-0060

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 11	*	EDGAR	160	51

FED. ROAD DIST. NO. 5 ILLINOIS PROJECT  
\* 05-00092-01-PV



STA 116+82.85 SHILOH ROAD (CH 11)=  
STA 602+00 1900TH ROAD



REVISIONS			SHILOH ROAD (CH 11) EDGAR COUNTY, ILLINOIS		DRWN BY	DATE
1	DATE	INITIALS			LBM	02/07
2					CAS	07/07
3					BOOK NUMBER	469
4					PROJECT No.	5245
5					SHEET No.	
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**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS

184-001877

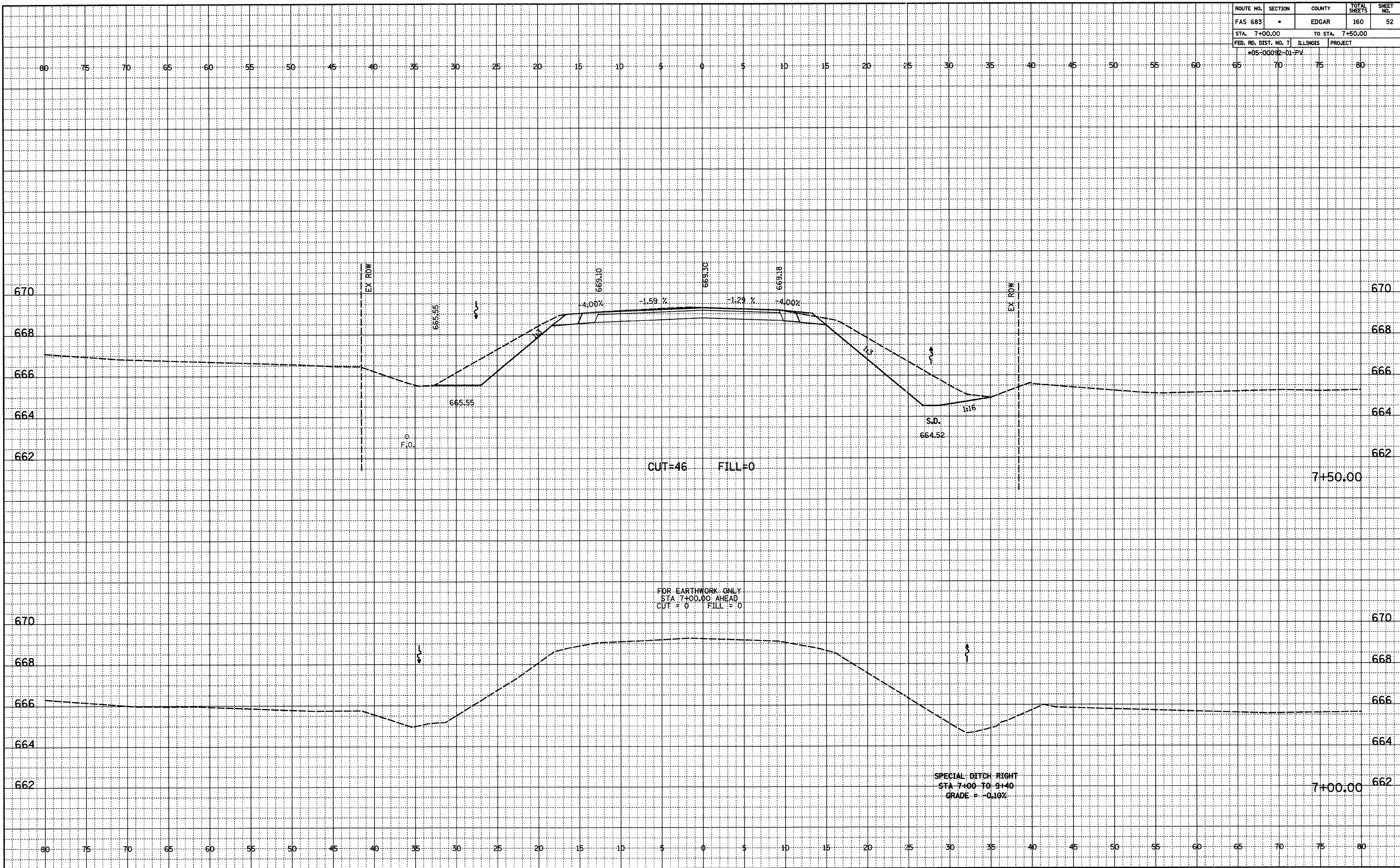
DECATUR CHICAGO  
(317) 422-8544 (773) 714-0060

ROCKFORD  
(815) 489-0060

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	52
STA. 7+00.00		TO STA. 7+50.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

FINAL SURVEYED  
PLOTTED  
NOTEBOOK  
NO. \_\_\_\_\_  
BY \_\_\_\_\_  
DATE \_\_\_\_\_

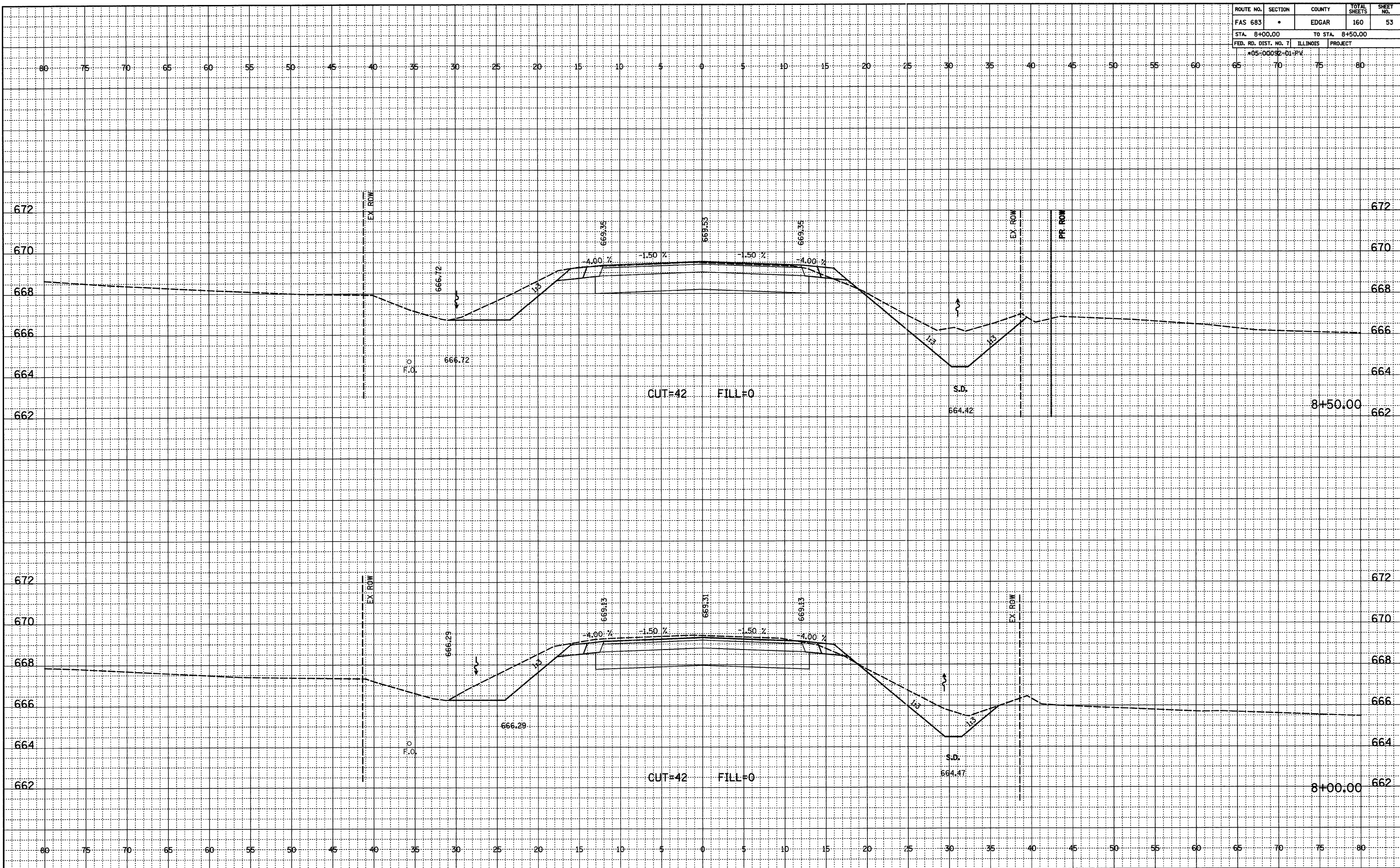
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BY \_\_\_\_\_  
DATE \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	53
STA. 8+00.00		TO STA. 8+50.00		
FED. RD. DIST. NO. 7		ILLINOIS		PROJECT
*05-00092-01-P.V.				

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NOTED  
PLOTTED  
CHECKED  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
NO. \_\_\_\_\_

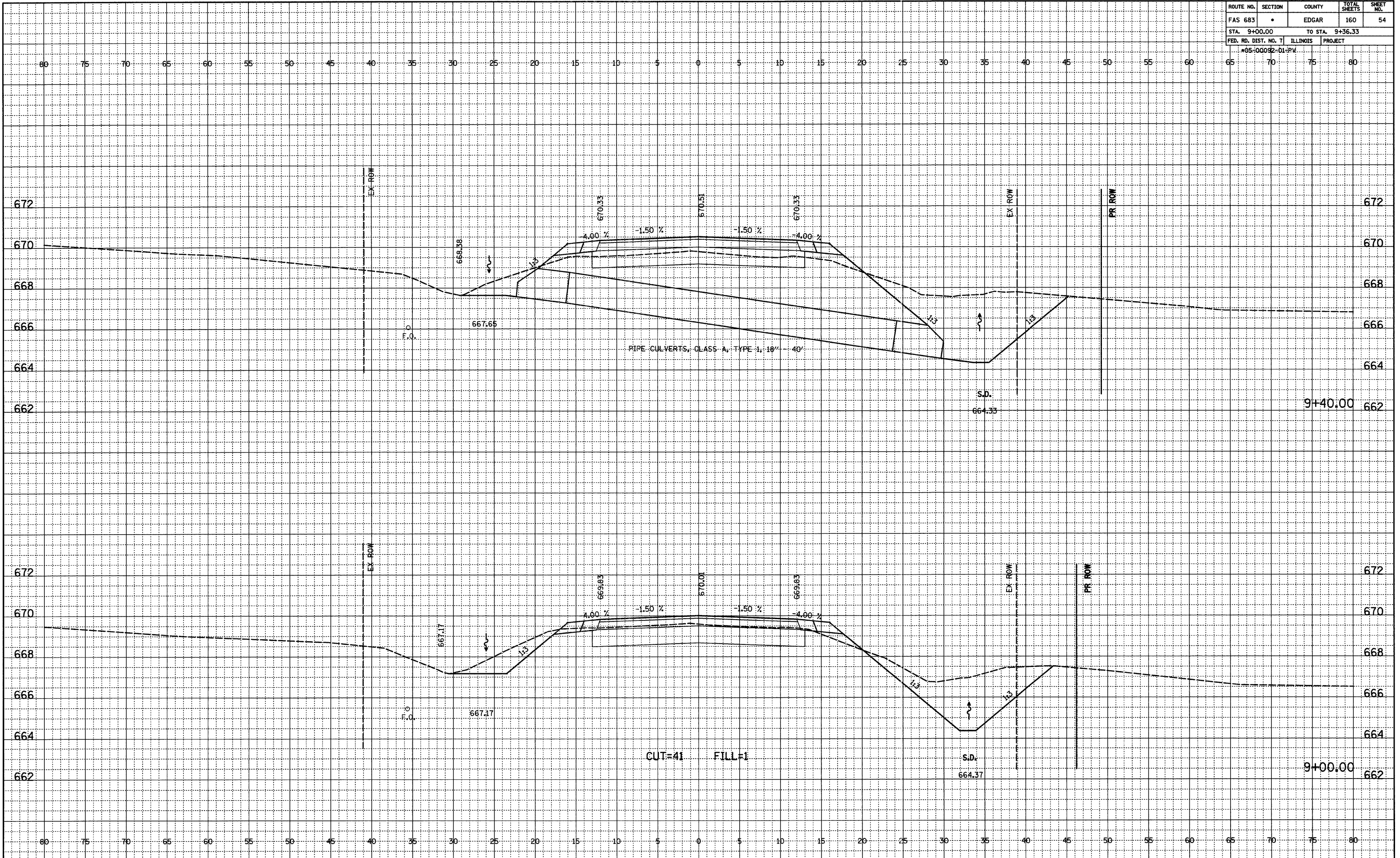
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NOTED  
PLOTTED  
CHECKED  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	54
STA. 9+00.00		TO STA. 9+36.33		
FED. RD. DIST. NO. 7		ILLINOIS		PROJECT
*05-00092-D1-PV				

FINAL SURVEYED  
 PLOTTED AND CHECKED  
 NOTEBOOK NO. \_\_\_\_\_  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 RT. OF WAY CHECKED

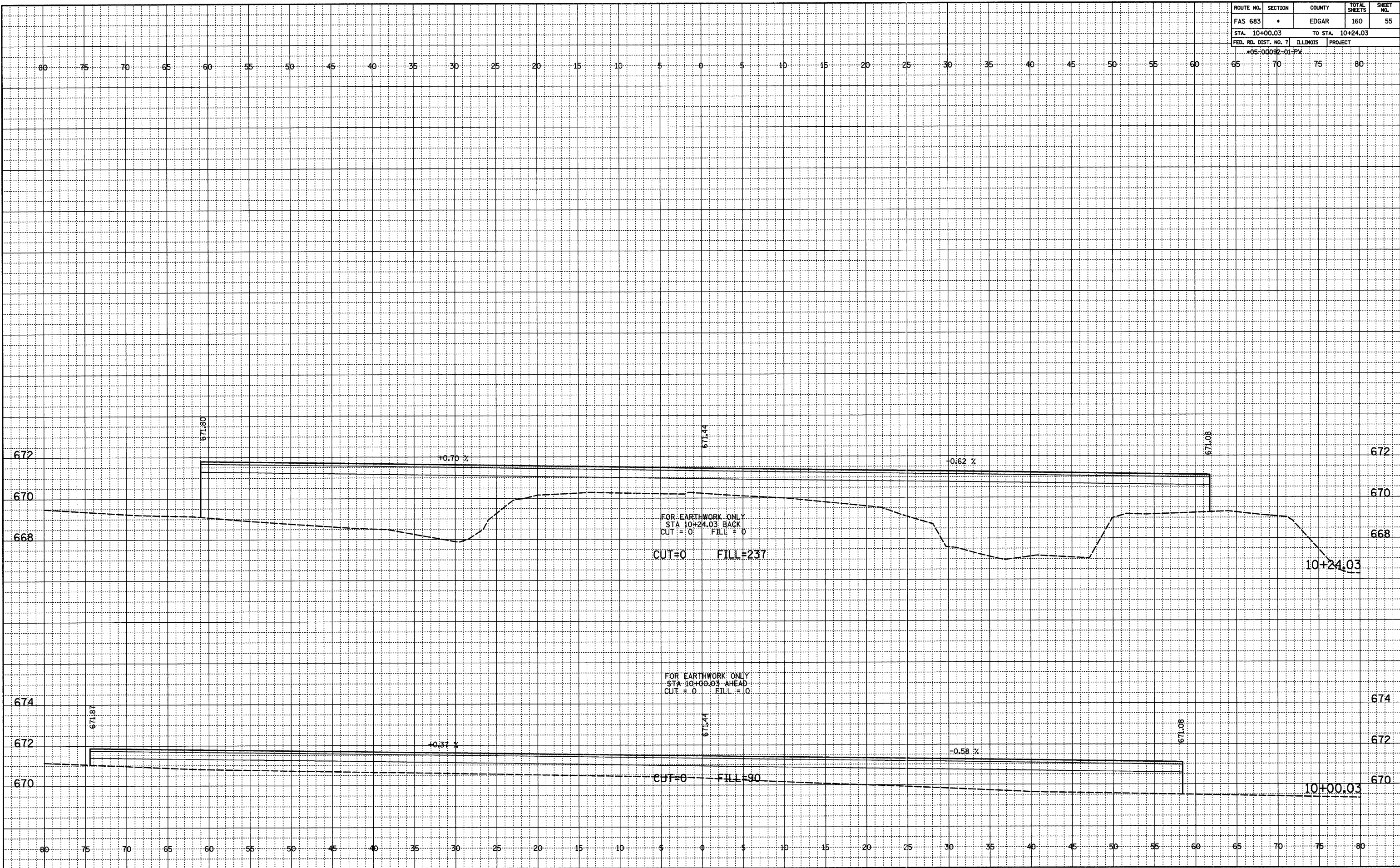
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 NOTEBOOK NO. \_\_\_\_\_  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	55
STA. 10+00.03		TO STA. 10+24.03		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				

FINAL SURVEYED BY DATE  
 ALIGNED BY  
 NOTEBOOK NO. OF WAY CHECKED  
 NO.

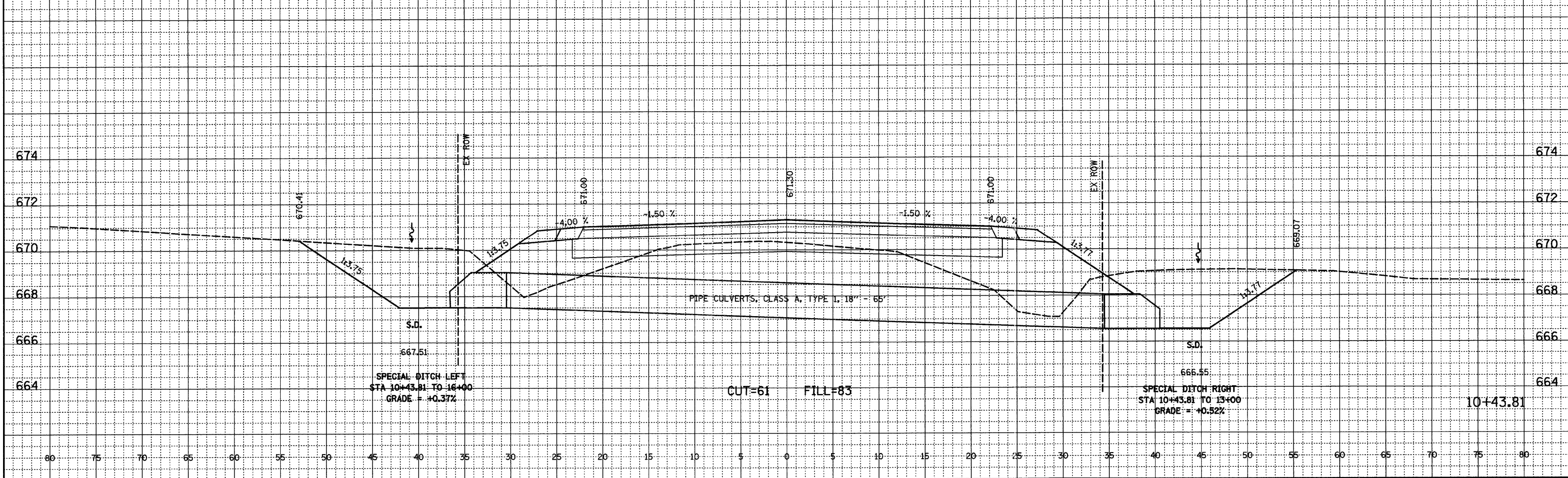
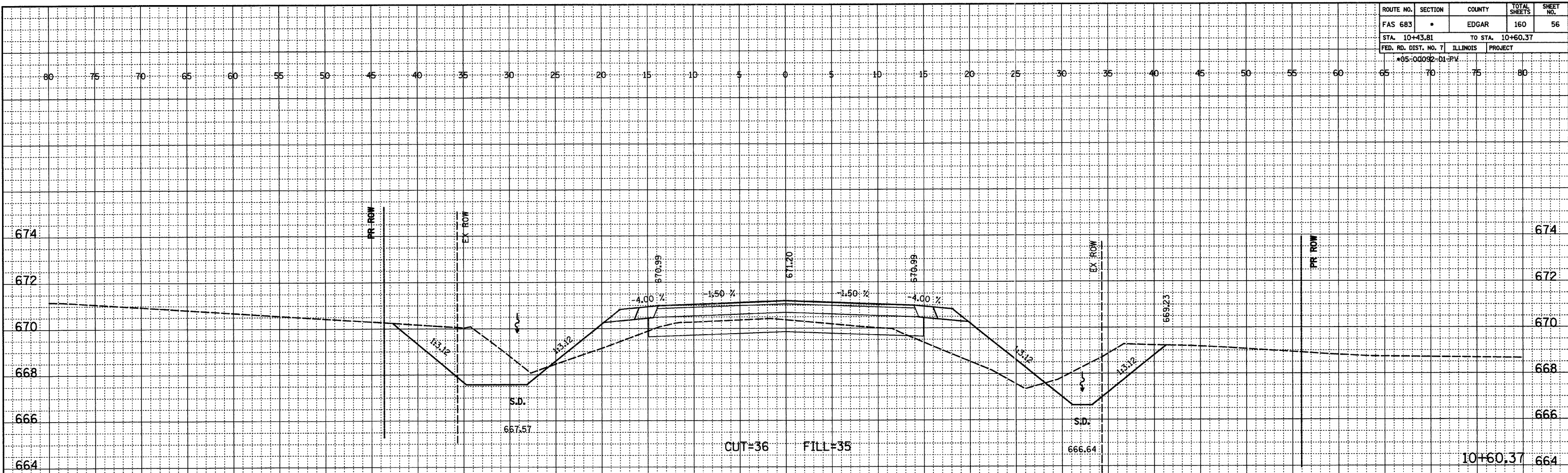
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 PLOTTED BY  
 NOTEBOOK NO. OF WAY CHECKED  
 NO. STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	56
STA. 10+43.81		TO STA. 10+60.37		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*65-00092-DI-PV				

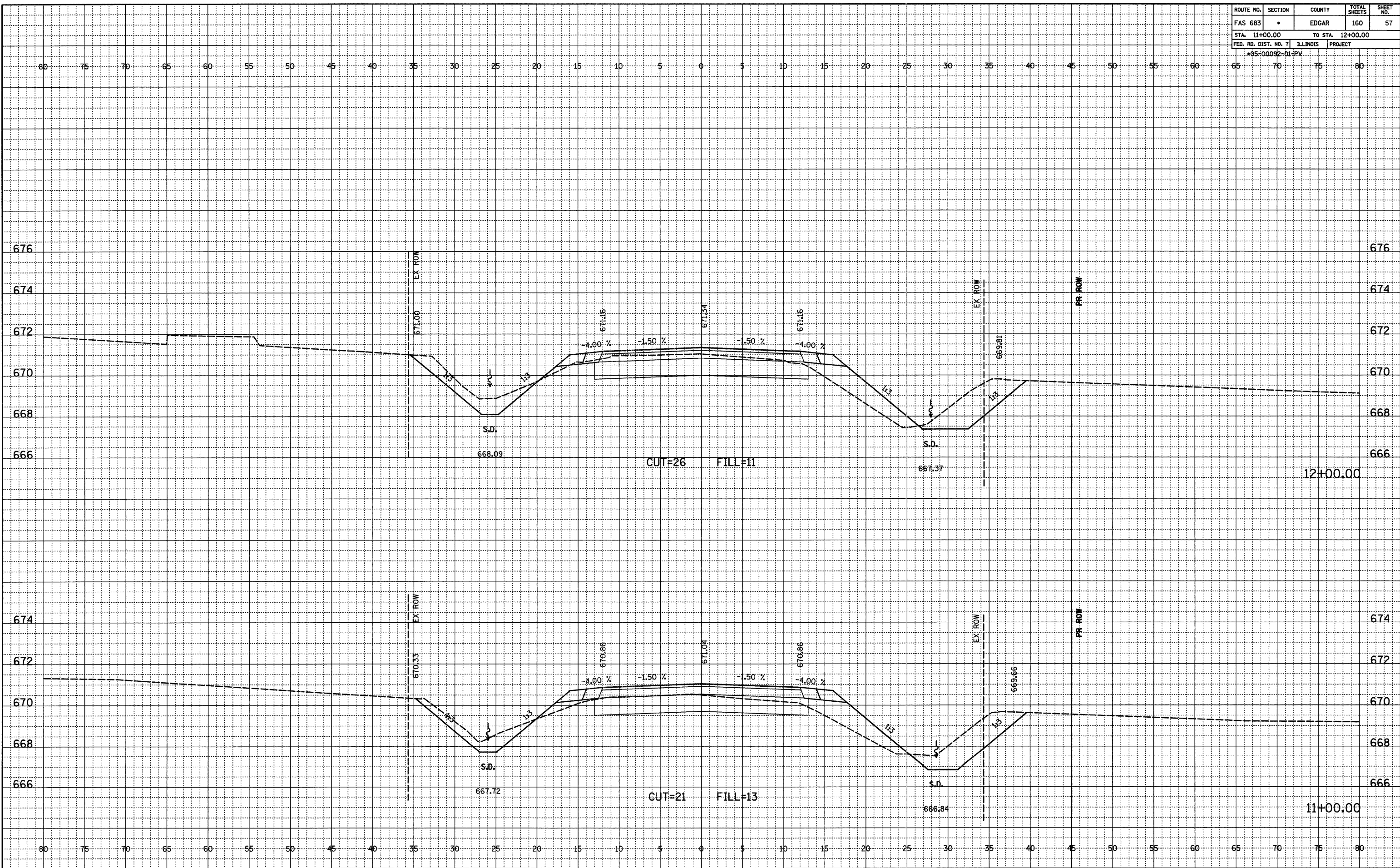
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NOTEBOOK NO. \_\_\_\_\_  
DATE \_\_\_\_\_  
BY \_\_\_\_\_  
PLANNED  
CHECKED  
R.T. OF WAY CHECKED

ORIGINAL SURVEYED  
NOTEBOOK NO. \_\_\_\_\_  
DATE \_\_\_\_\_  
BY \_\_\_\_\_  
PLANNED  
CHECKED  
STRUCTURE NOTATIONS OK'D





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	57
STA. 11+00.00		TO STA. 12+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				



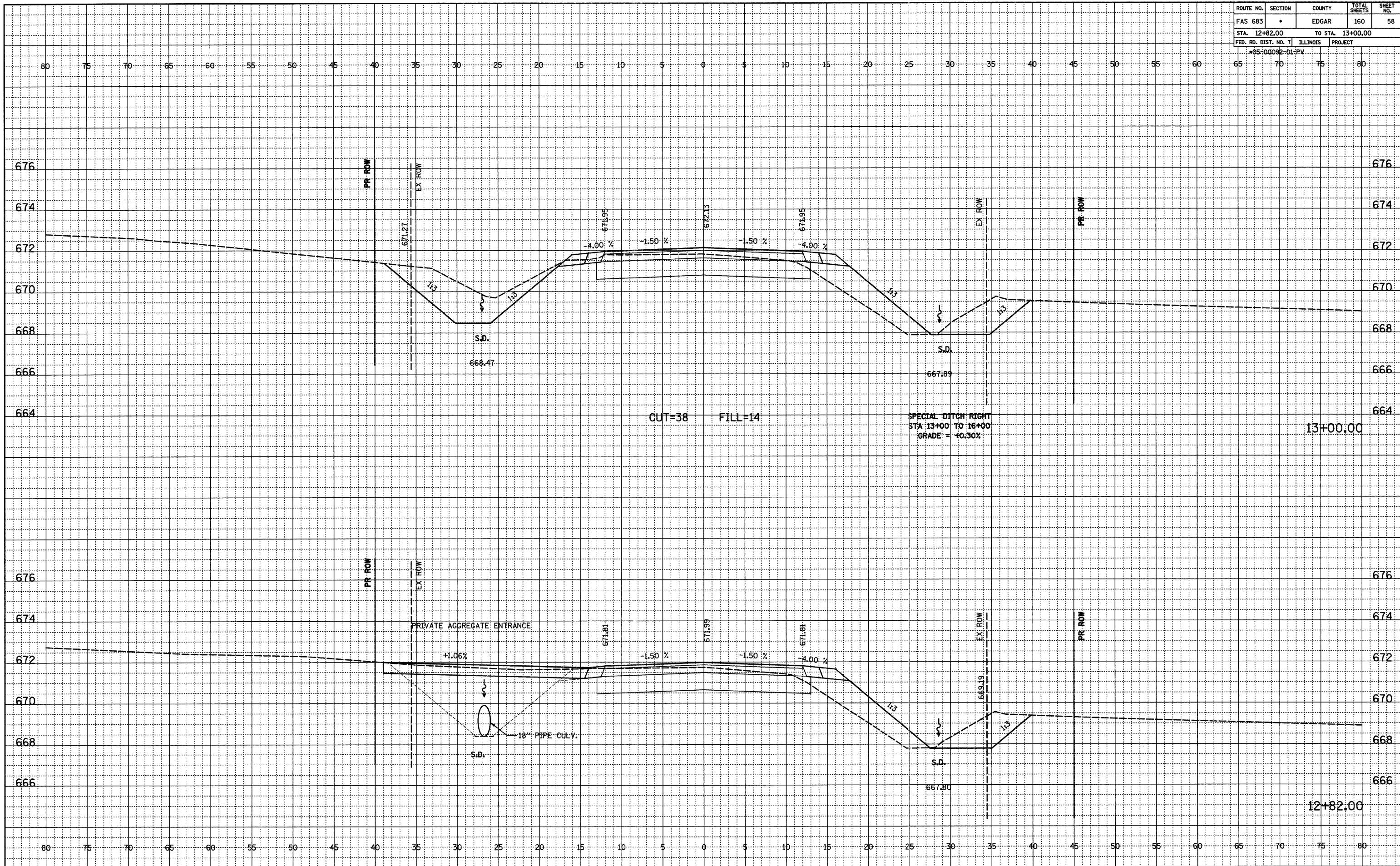
FINAL SURVEYED  
 ALIGNED  
 NOTED  
 RT. OF WAY CHECKED  
 NO.

ORIGINAL SURVEYED  
 GRADES CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	58
STA. 12+82.00		TO STA. 13+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PK				

FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
NO. OF ANY CHECKED

ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
NO. OF ANY CHECKED  
STRUCTURE NOTATIONS CR'D

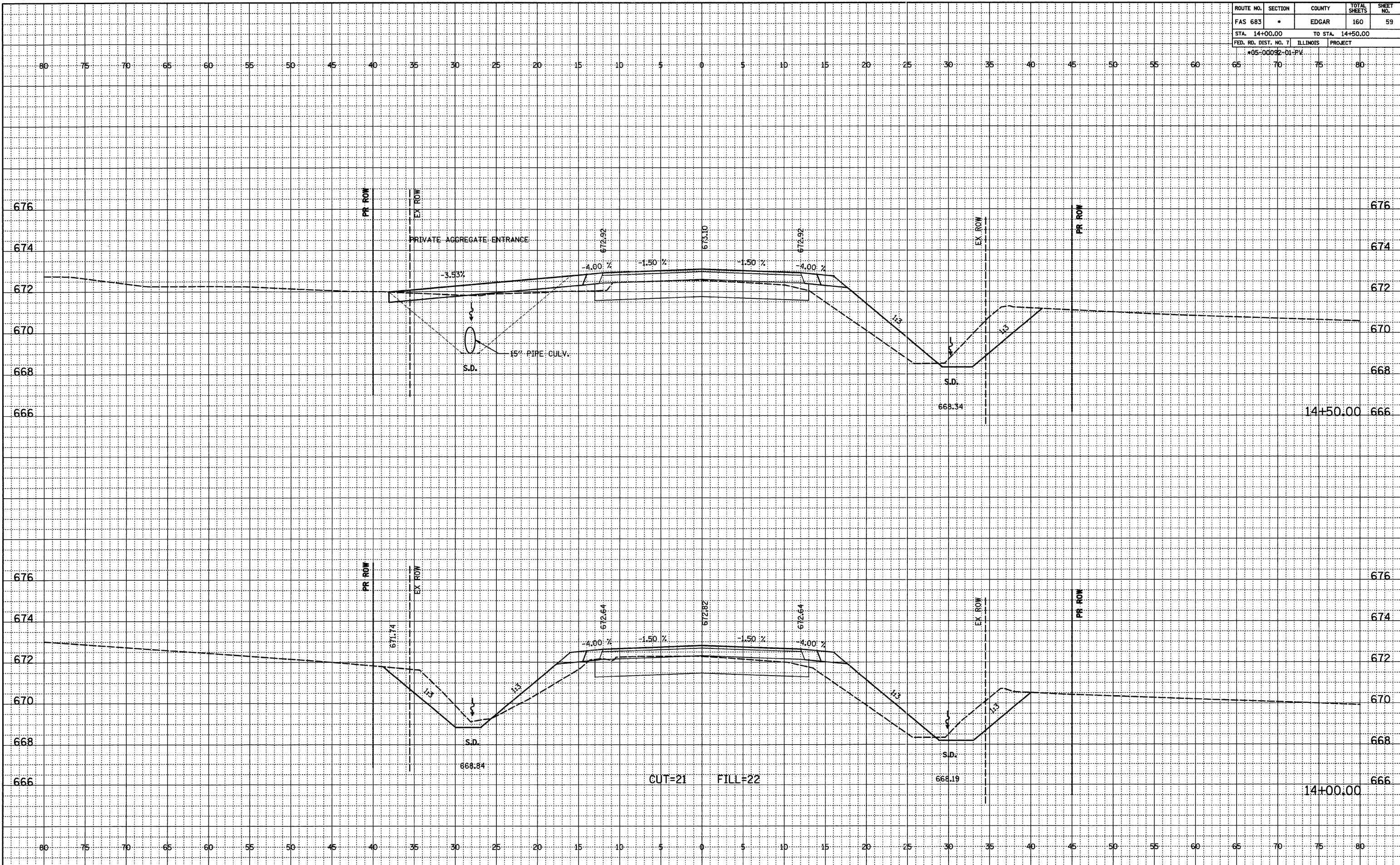


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	59
STA. 14+00.00		TO STA. 14+50.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		

\*05-00092-D1-P.V.

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NOTED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NOTED \_\_\_\_\_  
 NO. \_\_\_\_\_

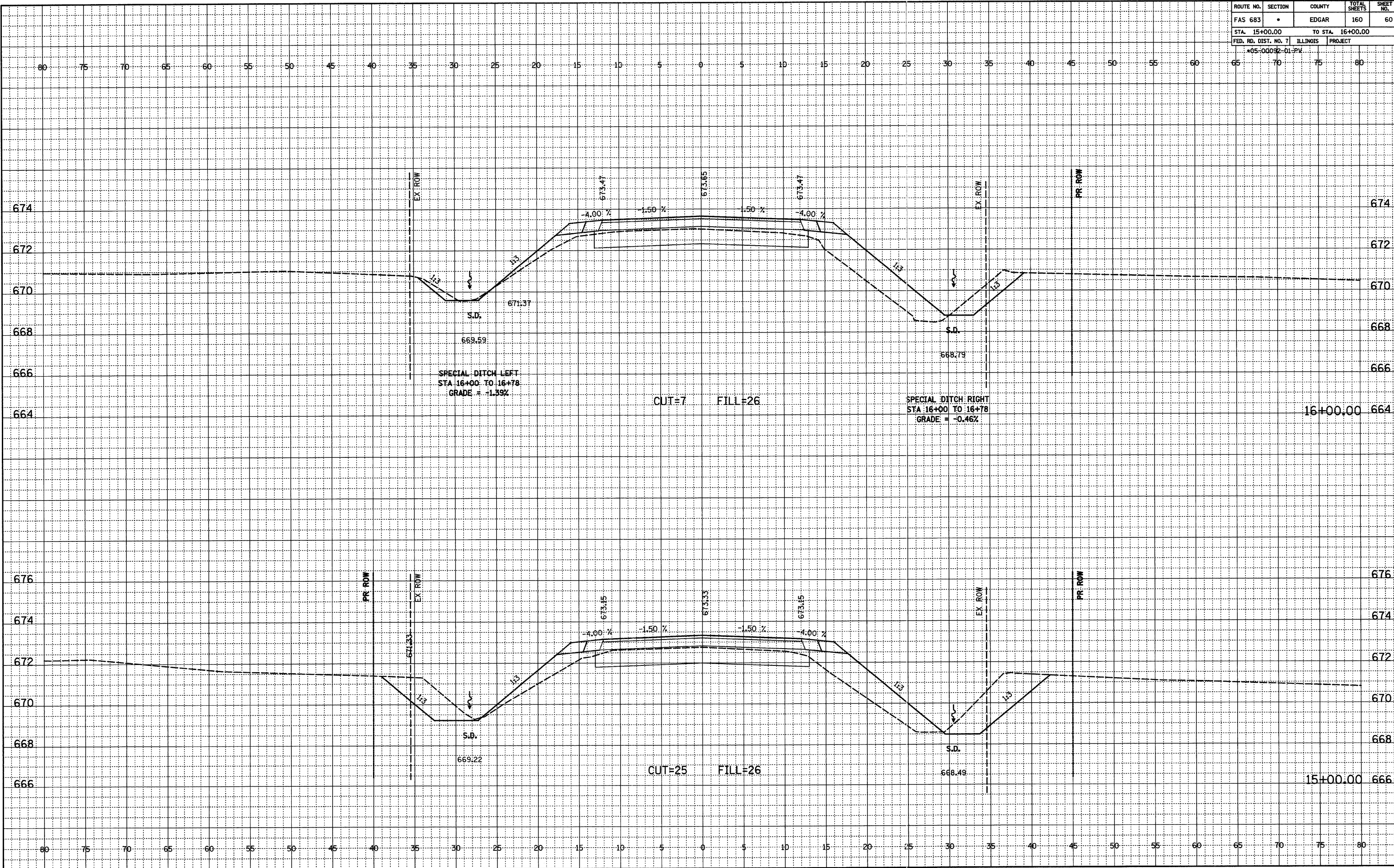


SHILOH ROAD (CH 11)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	60
STA. 15+00.00		TO STA. 16+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PM				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

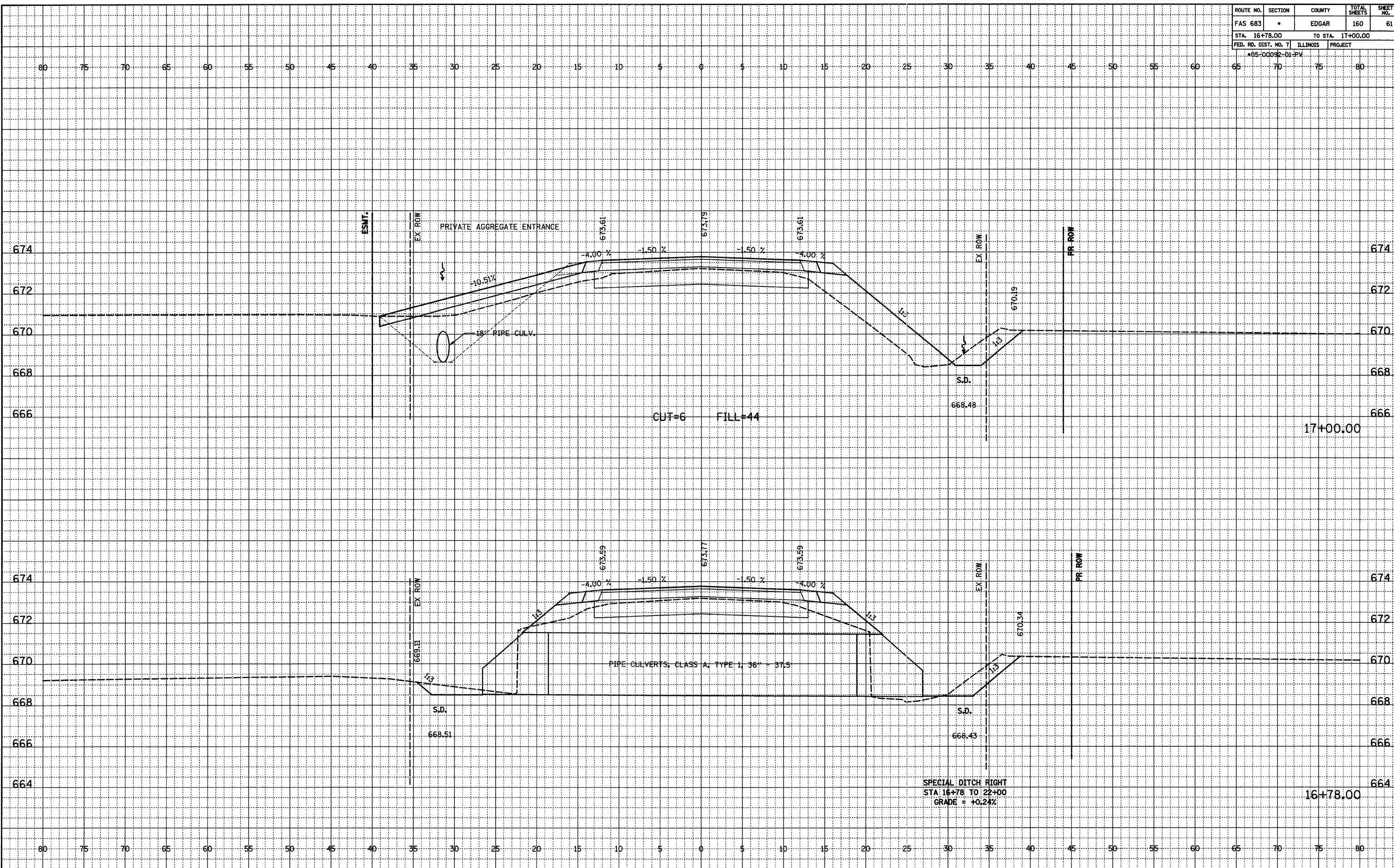
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 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	61
STA. 16+78.00		TO STA. 17+00.00		
FED. RD. DIST. NO. 7		ILLINOIS		PROJECT
*05-00092-01-PV				

FINAL SURVEYED  
 NOTEBOOK GRADES CHECKED  
 RT. OF WAY CHECKED  
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ORIGINAL SURVEYED  
 NOTEBOOK GRADES CHECKED  
 RT. OF WAY CHECKED  
 NO.

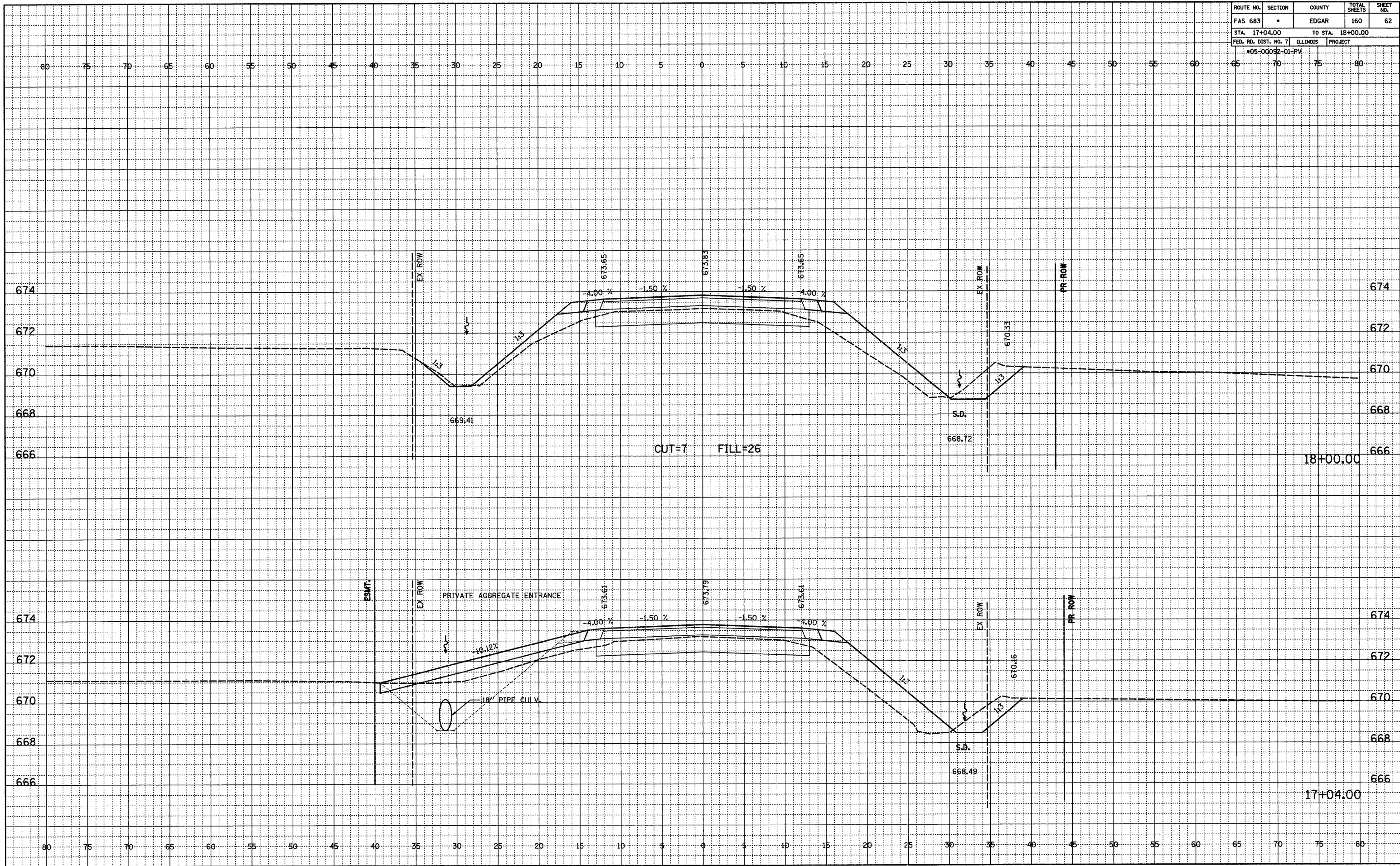


SPECIAL DITCH RIGHT  
 STA 16+78 TO 22+00  
 GRADE = +0.24%

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	62
STA. 17+04.00		TO STA. 18+00.00		
FED. RD. DIST. NO. 7	ILLINOIS	PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO.

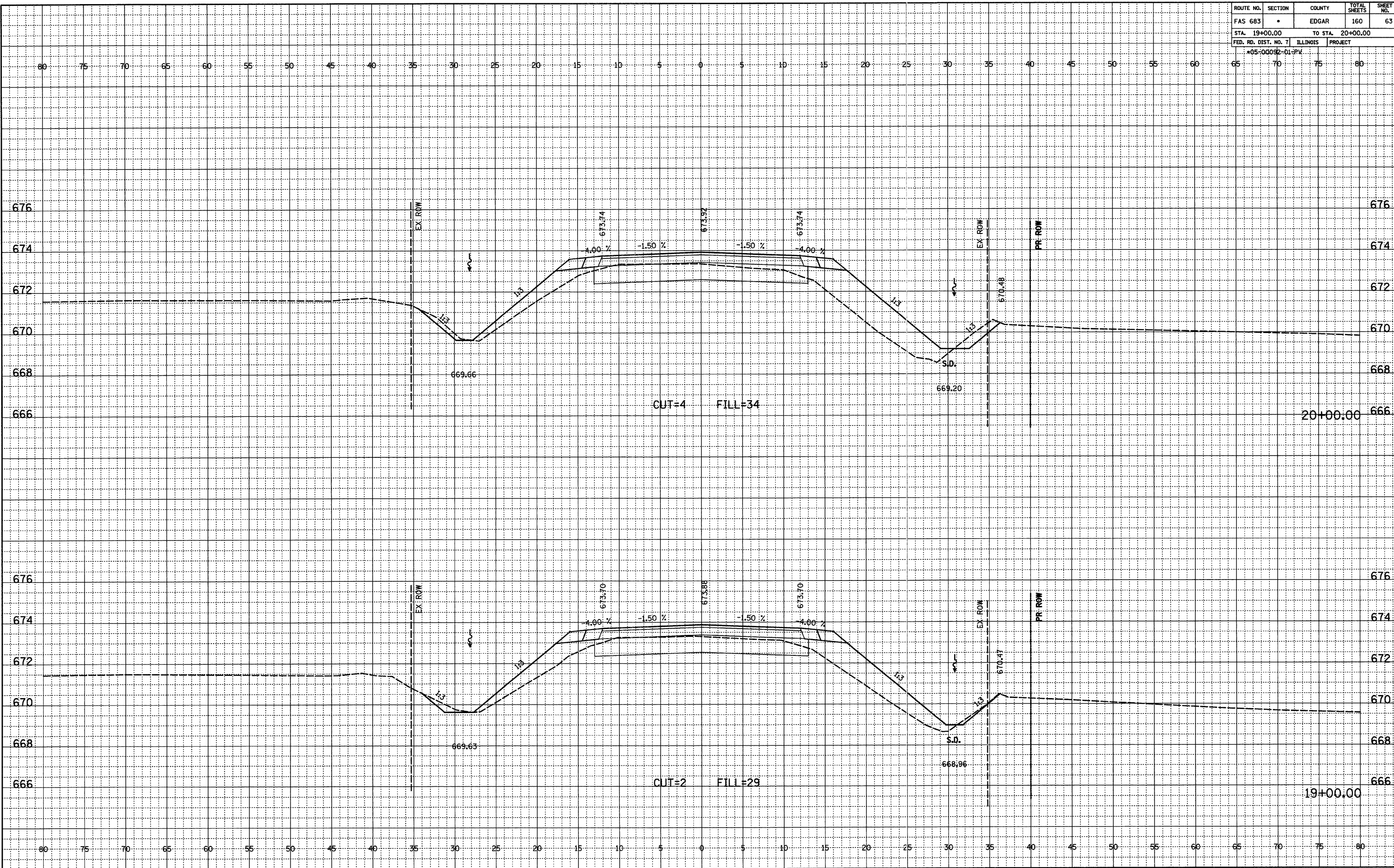
ORIGINAL SURVEYED  
 NOTEBOOK CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	63
STA. 19+00.00		TO STA. 20+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 FINAL NOTEBOOK GRADES CHECKED \_\_\_\_\_  
 ALIGNED RT. OF WAY CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

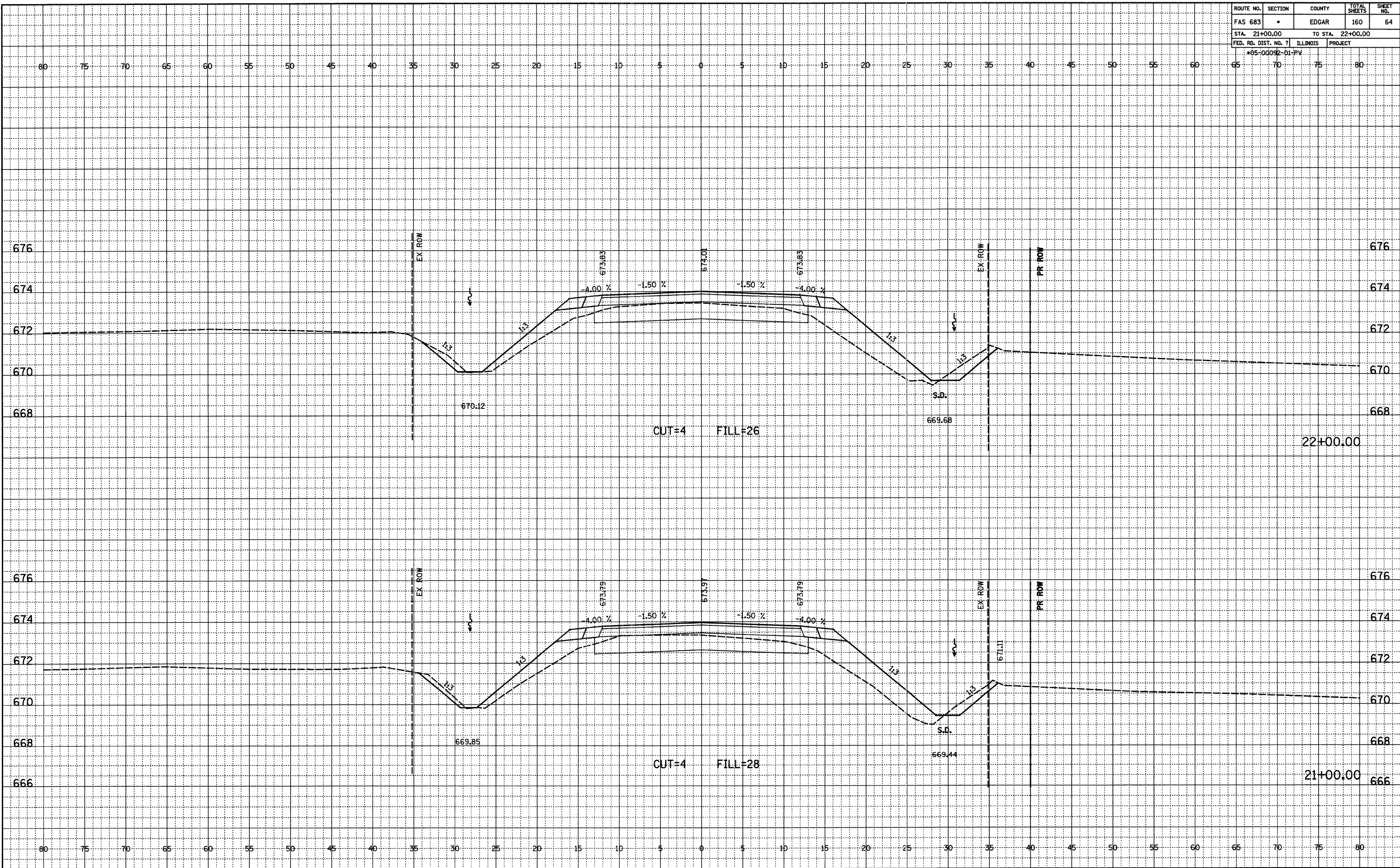
DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ORIGINAL NOTEBOOK GRADES CHECKED \_\_\_\_\_  
 B.M.'S NOTED \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS OK'D \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	64
STA. 21+00.00		TO STA. 22+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*65-00092-01-PV				

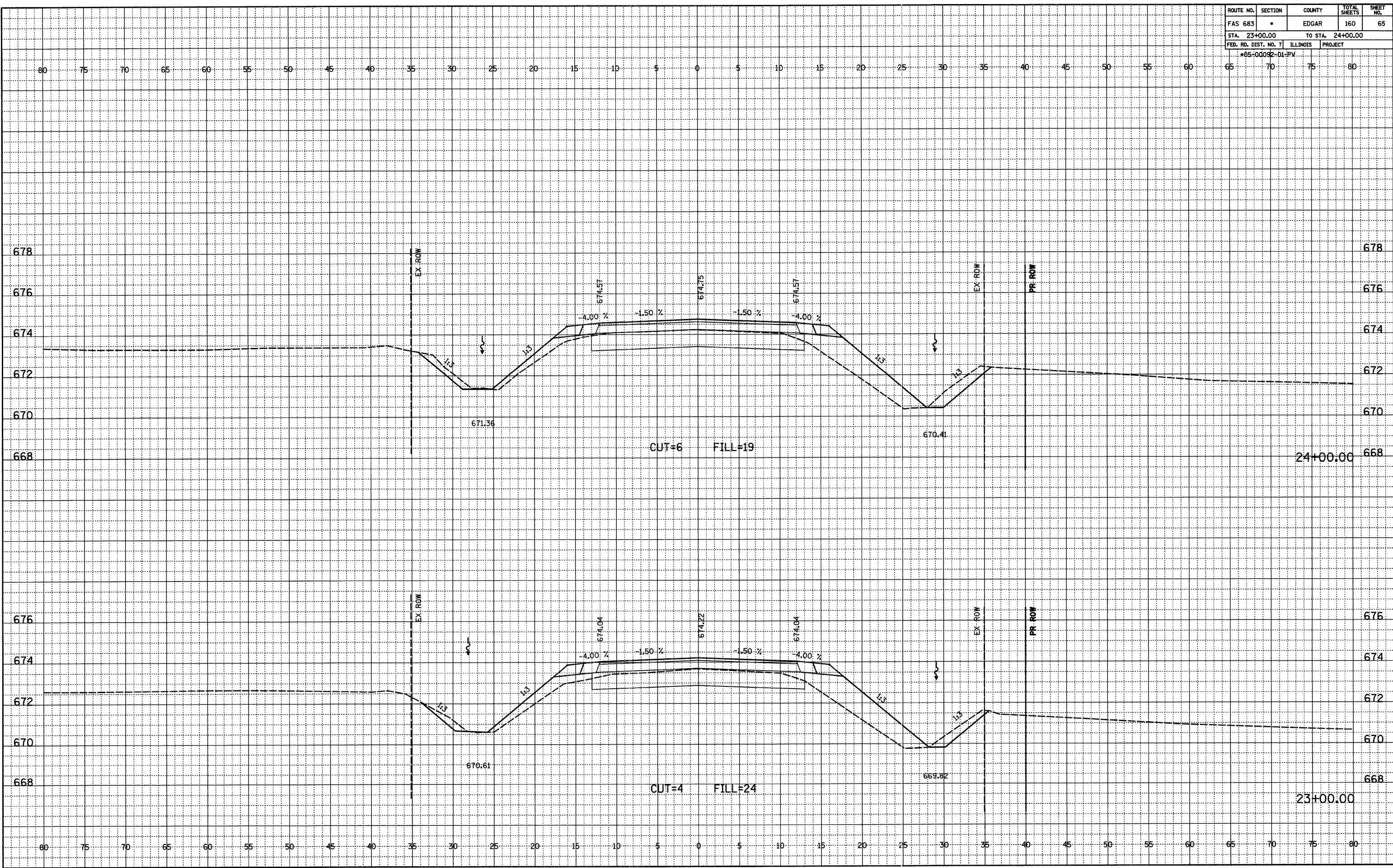
DATE	
BY	
FINAL SURVEYED	
NOTED	
NOTED	
NO.	

DATE	
BY	
ORIGINAL SURVEYED	
NOTED	
NOTED	
NO.	





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	65
STA. 23+00.00		TO STA. 24+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				



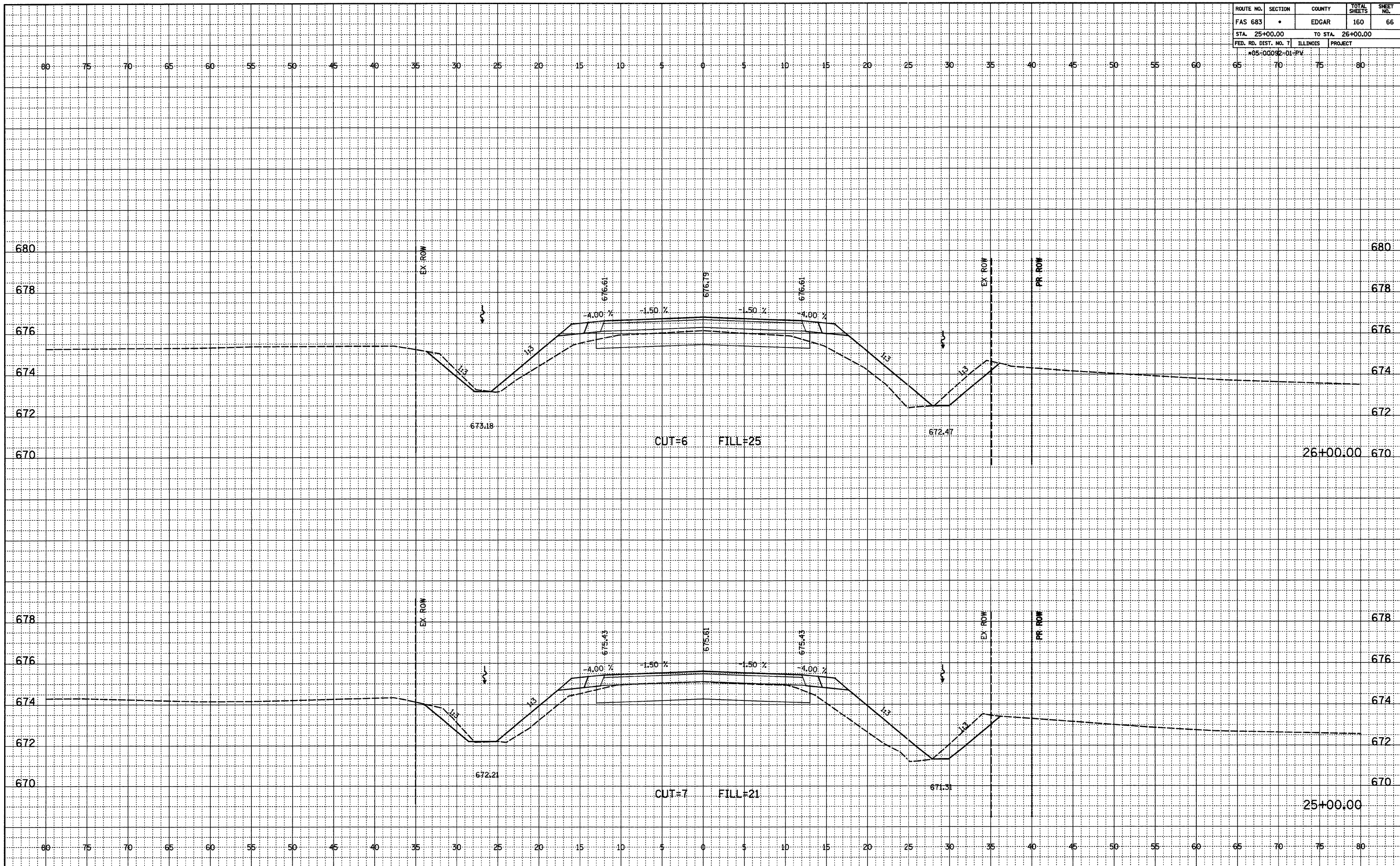
FINAL SURVEYED, PLANNED, ALIGNED, CHECKED, NO. \_\_\_\_\_  
 NOTEBOOK NO. \_\_\_\_\_  
 BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEYED, PLANNED, ALIGNED, CHECKED, NO. \_\_\_\_\_  
 NOTEBOOK NO. \_\_\_\_\_  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 STRUCTURE NOTATIONS OK'D

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	66
STA. 25+00.00		TO STA. 26+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

ORIGINAL SURVEYED  
 NOTEBOOK GRADES CHECKED  
 B.M.'S NOTED  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CRKD



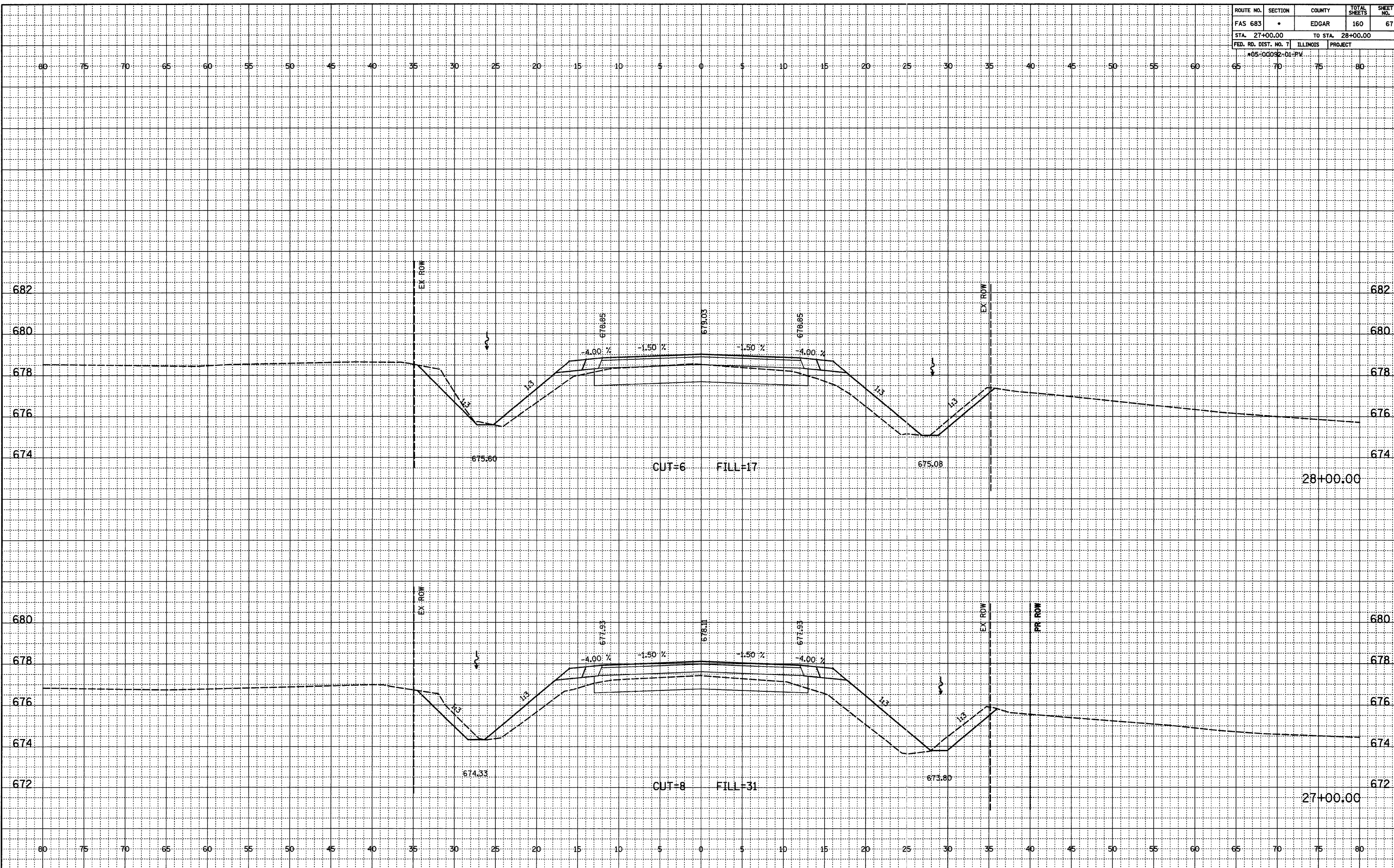
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	67
STA. 27+00.00		TO STA. 28+00.00		
FED. RD. DIST. NO. 7		ILLINOIS		PROJECT
*05-00092-01-PV				

FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
RT. OF WAY CHECKED  
NO. \_\_\_\_\_

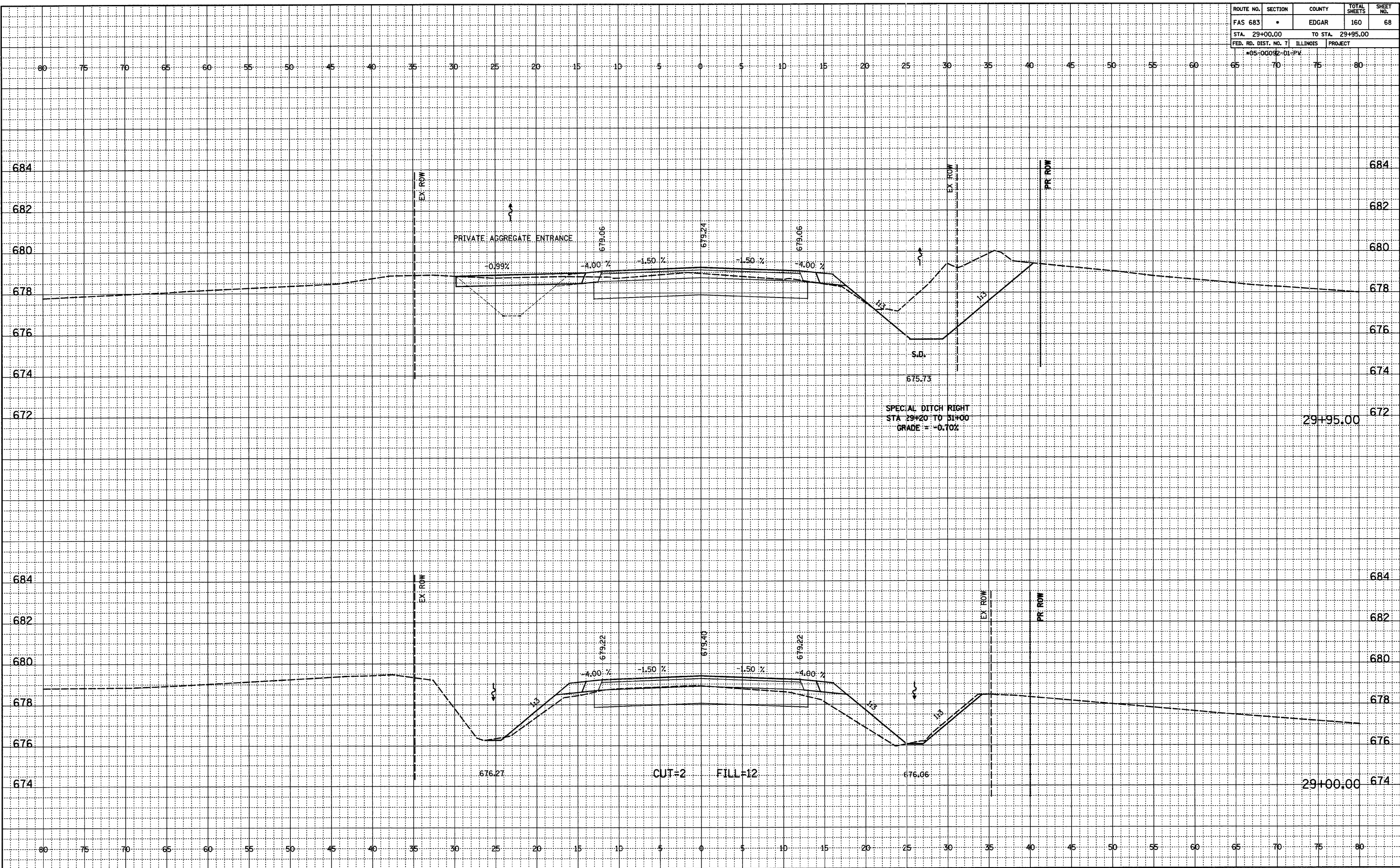
BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
BM'S NOTED  
STRUCTURE NOTATIONS OK'D  
NO. \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	68
STA. 29+00.00		TO STA. 29+95.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				



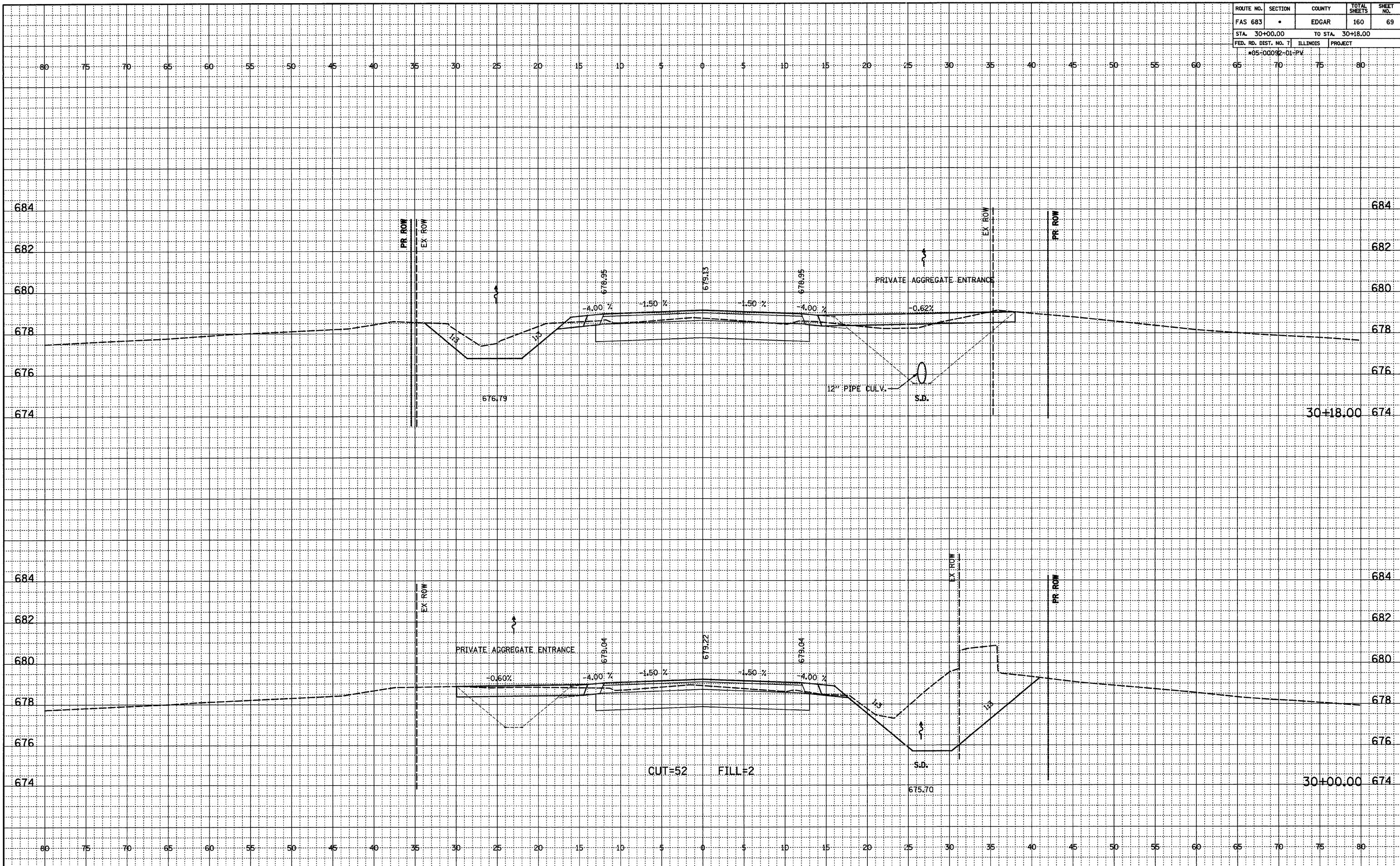
FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
RT. OF WAY CHECKED  
NO. \_\_\_\_\_

ORIGINAL SURVEYED  
GRADES CHECKED  
B.M.'S NOTED  
STRUCTURE NOTATIONS OK'D  
NO. \_\_\_\_\_

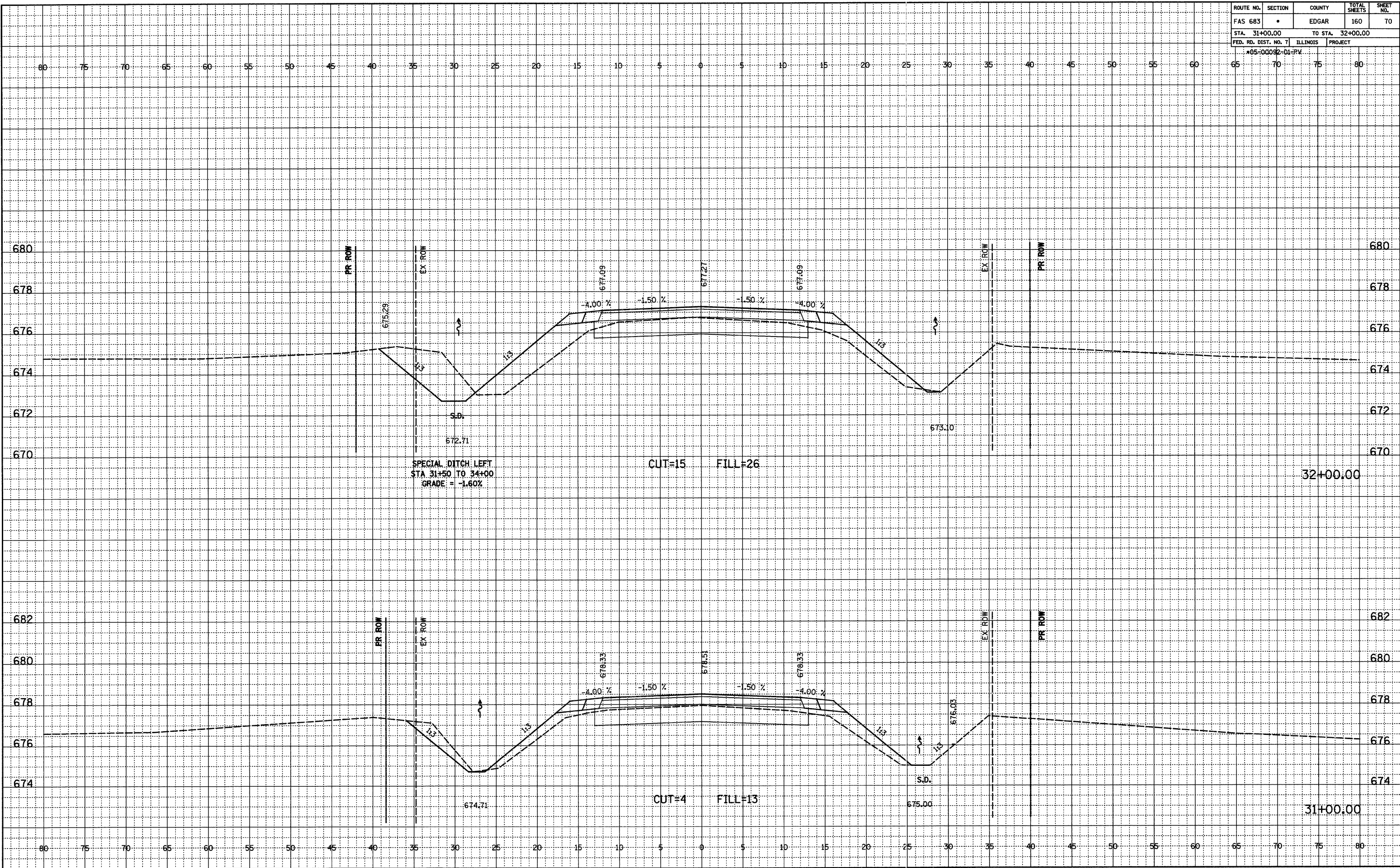
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	69
STA. 30+00.00		TO STA. 30+18.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

FINAL SURVEYED  
PLOTTED  
NOTEBOOK  
NO. \_\_\_\_\_  
BY \_\_\_\_\_  
DATE \_\_\_\_\_  
PL. OF WAY CHECKED  
BY \_\_\_\_\_  
DATE \_\_\_\_\_

ORIGINAL SURVEYED  
PLOTTED  
NOTEBOOK  
NO. \_\_\_\_\_  
BY \_\_\_\_\_  
DATE \_\_\_\_\_  
STRUCTURE NOTATIONS CHK'D  
BY \_\_\_\_\_  
DATE \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	70
STA. 31+00.00		TO STA. 32+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00082-01-PV				



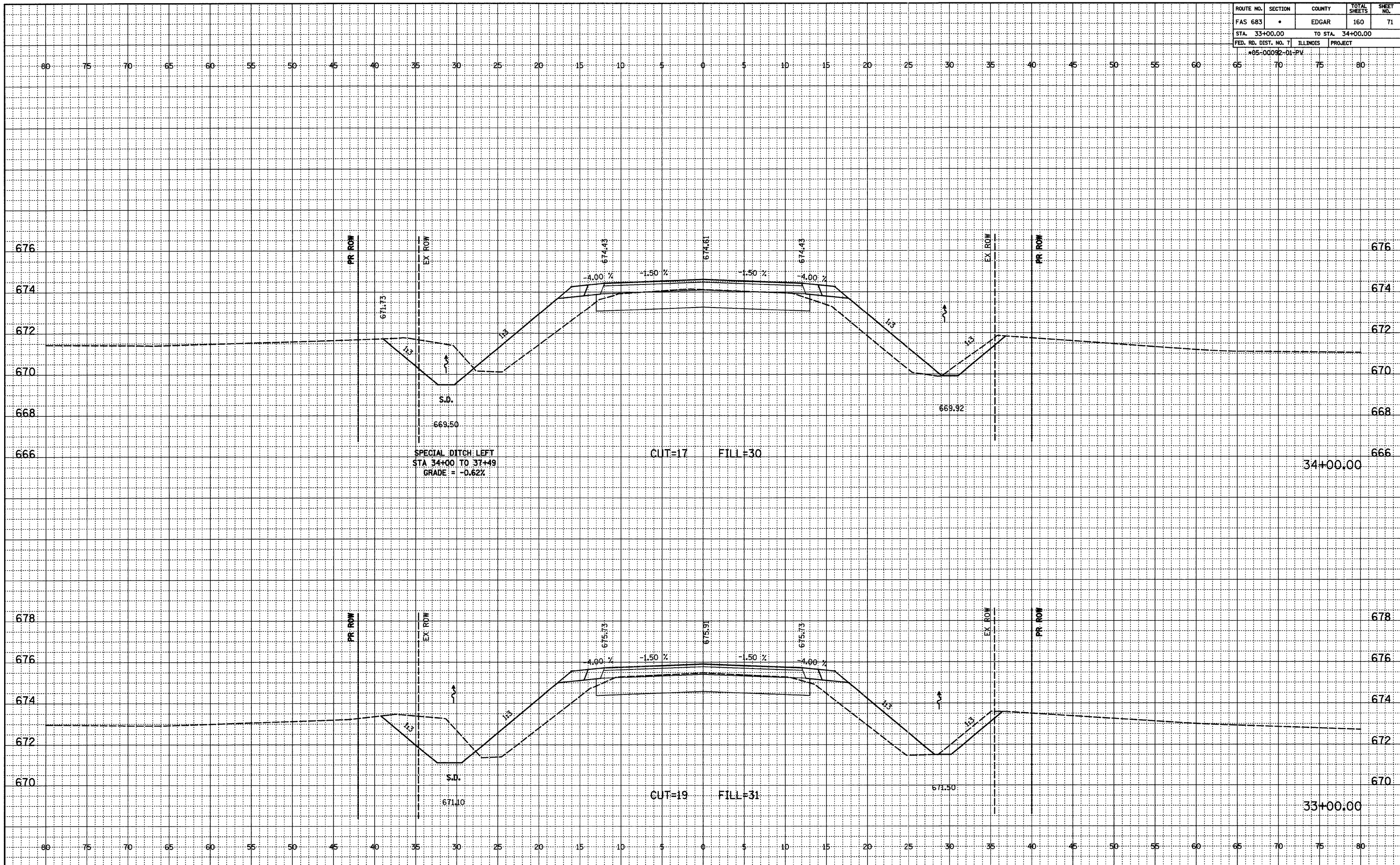
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 NOTEBOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

ORIGINAL SURVEYED  
 NOTEBOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	71
STA. 33+00.00		TO STA. 34+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
RT. OF WAY CHECKED  
NO. \_\_\_\_\_

ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
BM'S NOTED  
STRUCTURE NOTATIONS OK'D  
NO. \_\_\_\_\_

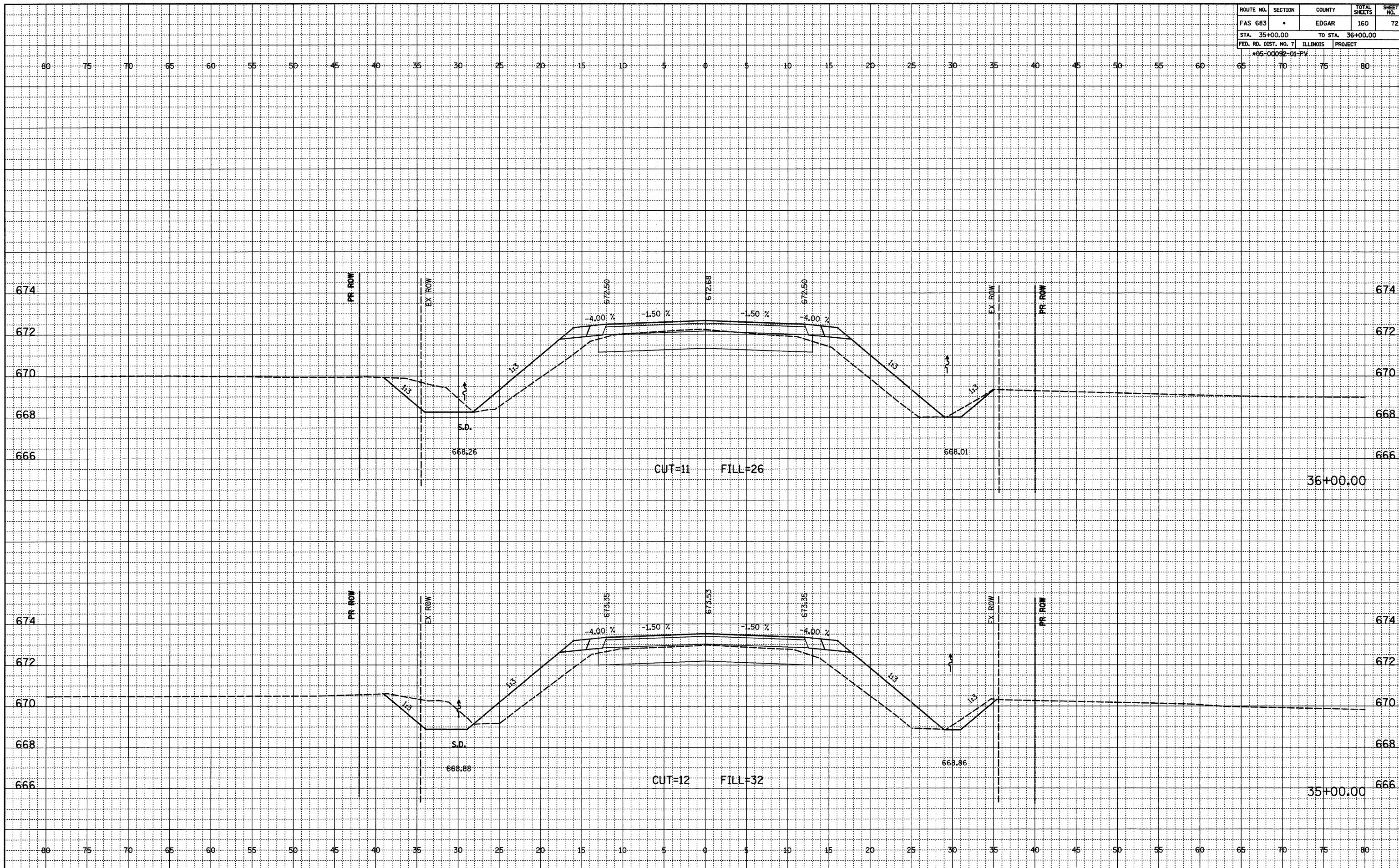


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	72
STA. 35+00.00	TO STA. 36+00.00			
FED. RD. DIST. NO. 7	ILLINOIS	PROJECT		

\*05-00092-D1-PV

DATE	BY
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NO. _____	
FINAL	
NO. _____	

DATE	BY
SURVEYED	
GRADES CHECKED	
B.M.'S NOTED	
STRUCTURE NOTATIONS OK'D	
NO. _____	
ORIGINAL	
NO. _____	

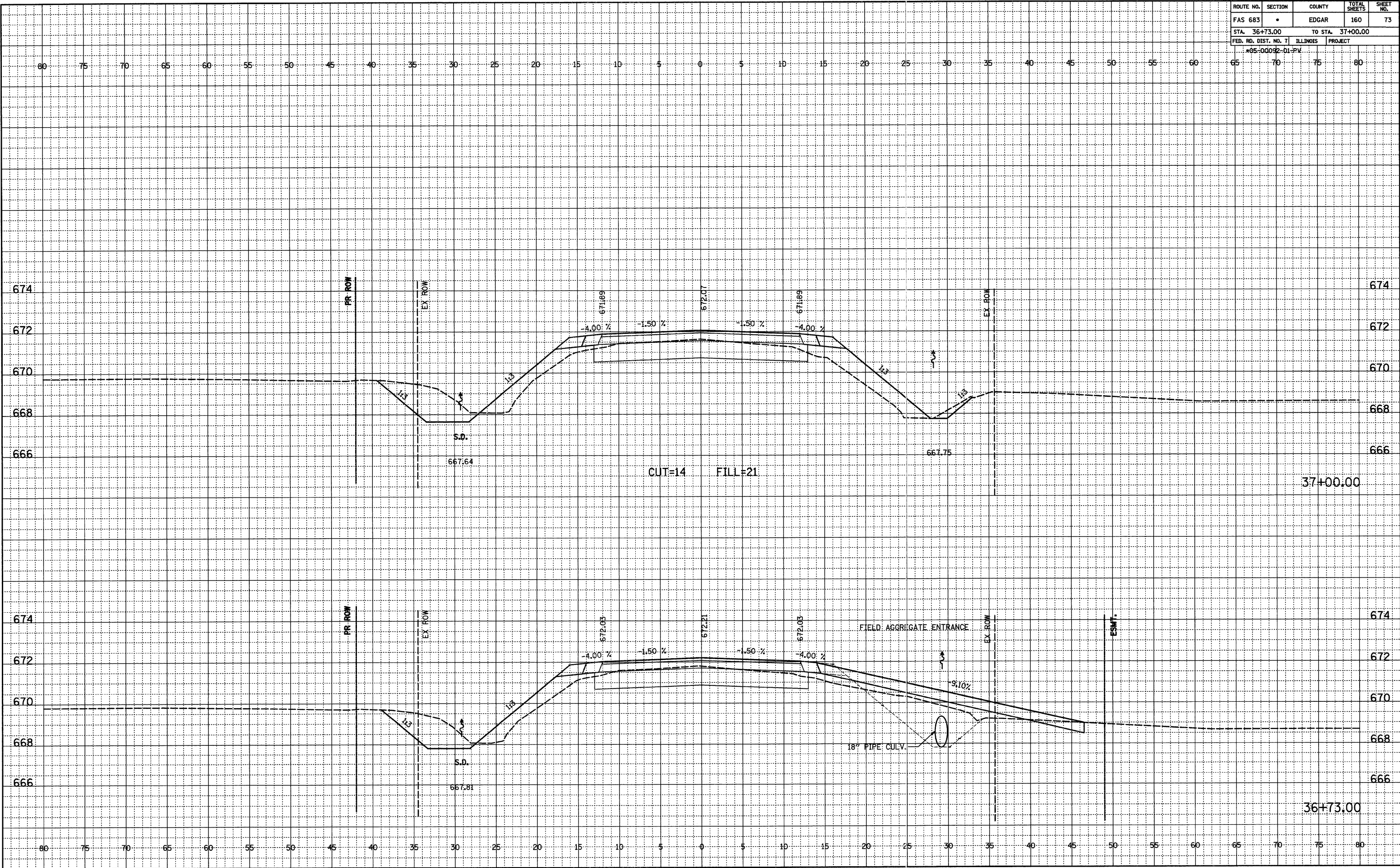




ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	73
STA. 36+73.00		TO STA. 37+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PM				

FINAL SURVEYED  
 NOTEBOOK NO. \_\_\_\_\_  
 ALIGNMENT CHECKED  
 FT. OF WAY CHECKED

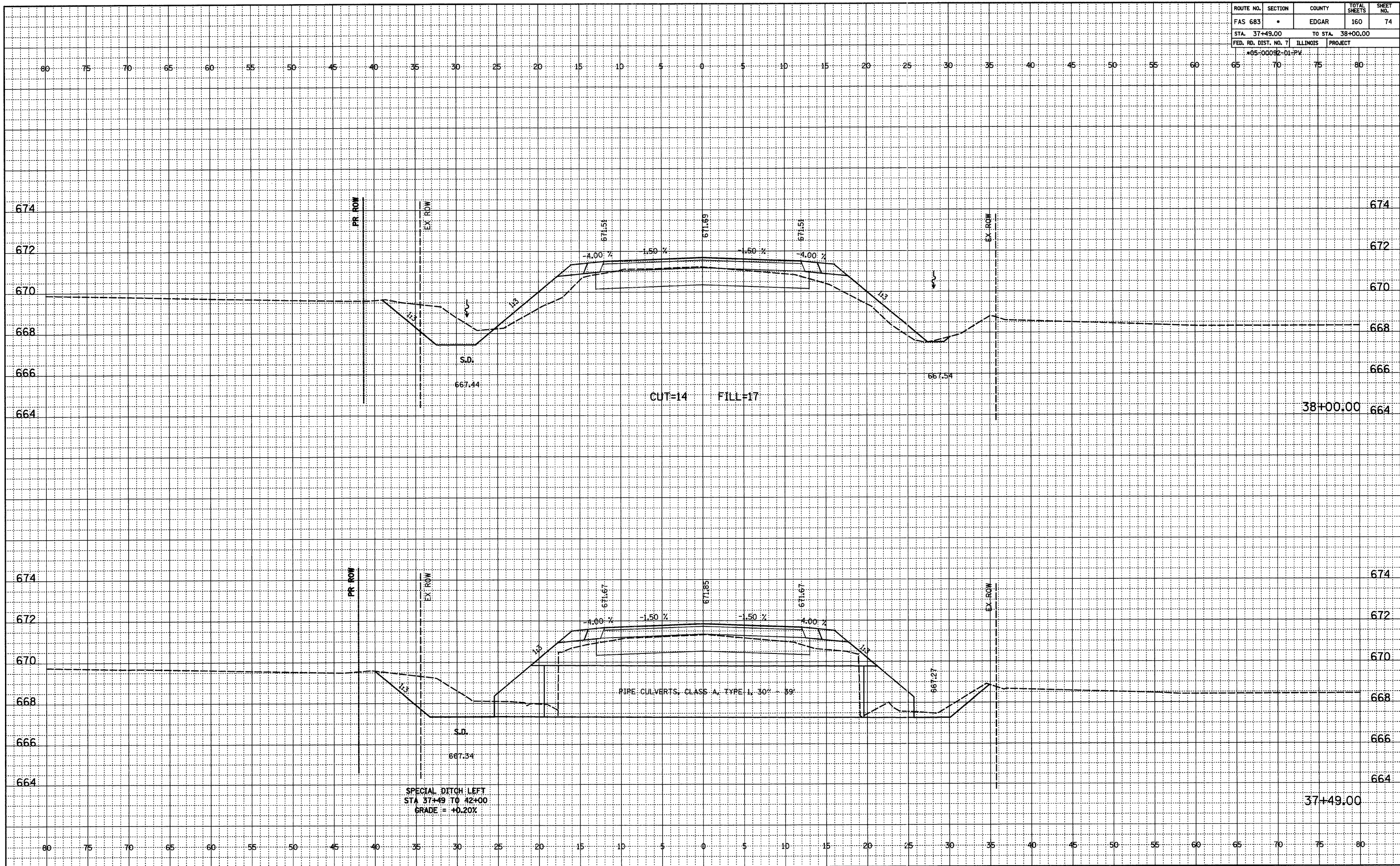
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 NOTEBOOK NO. \_\_\_\_\_  
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 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D



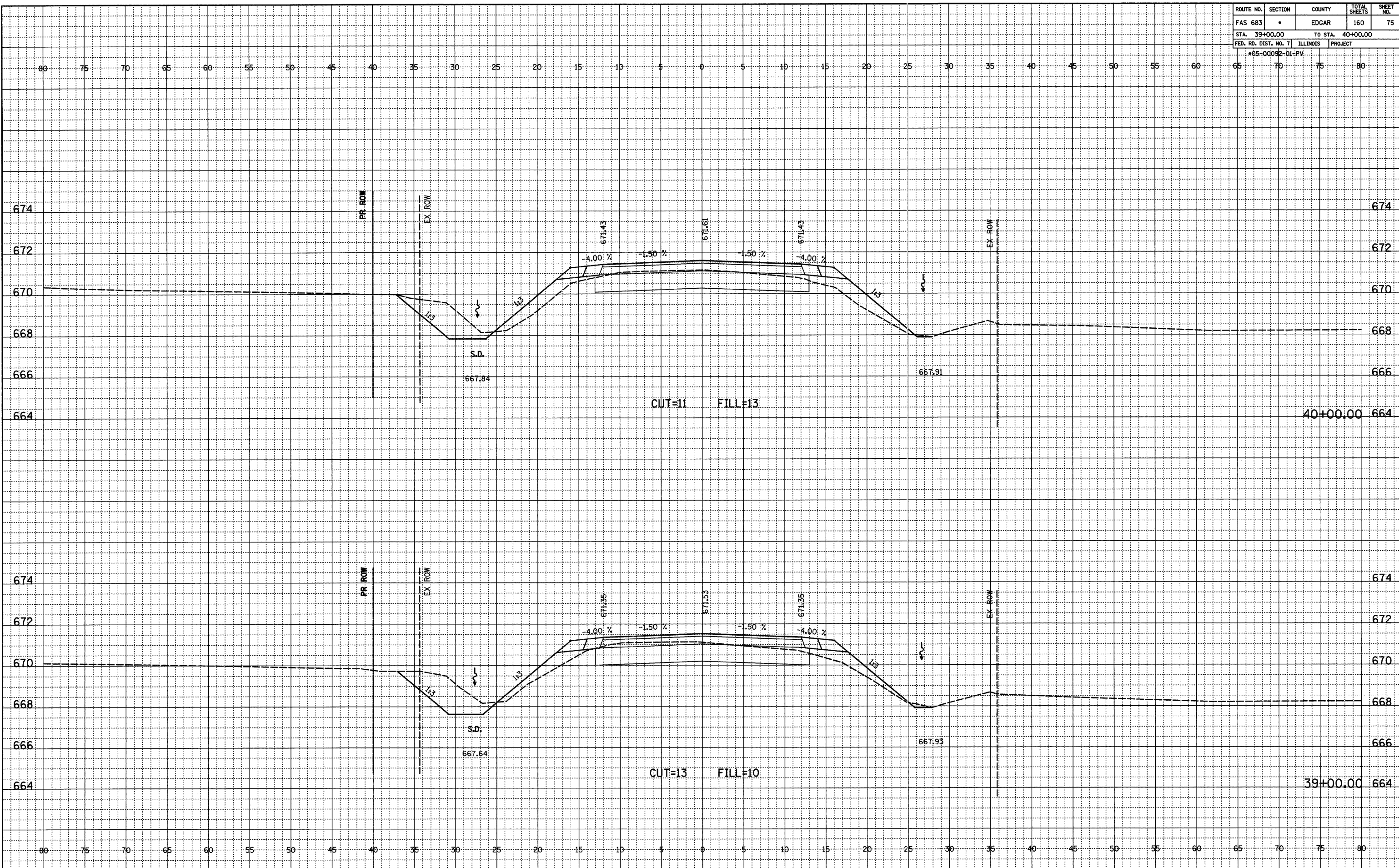
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	74
STA. 37+49.00		TO STA. 38+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00082-D1-PV				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO.

ORIGINAL SURVEYED  
 NOTEBOOK CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO.



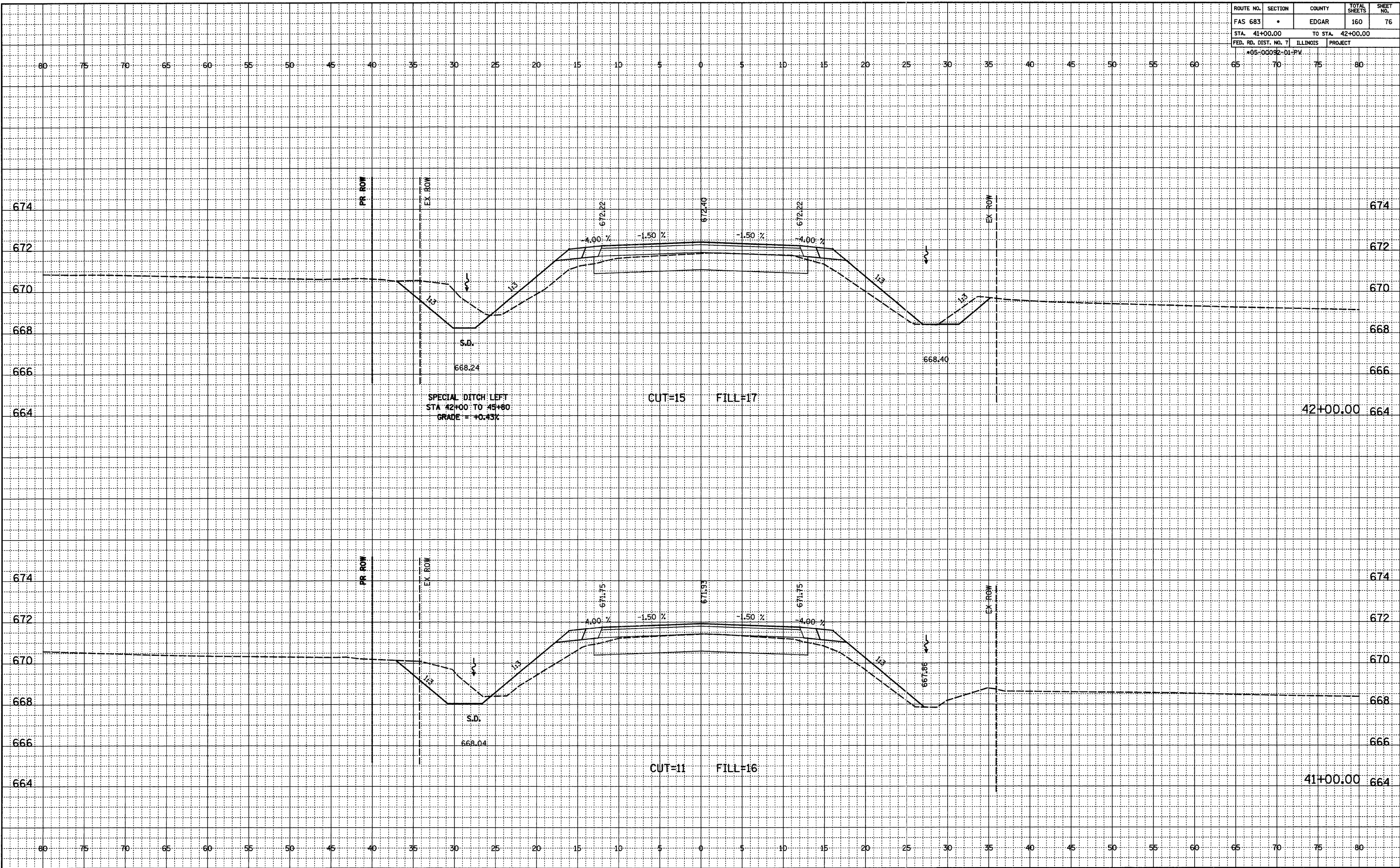
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	75
STA. 39+00.00		TO STA. 40+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				



DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
NOTED: \_\_\_\_\_  
ALIGNED: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
RT. OF WAY CHECKED: \_\_\_\_\_  
NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
NOTED: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
STRUCTURE NOTATIONS OK'D: \_\_\_\_\_  
NO. \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	76
STA. 41+00.00		TO STA. 42+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-P.V.				



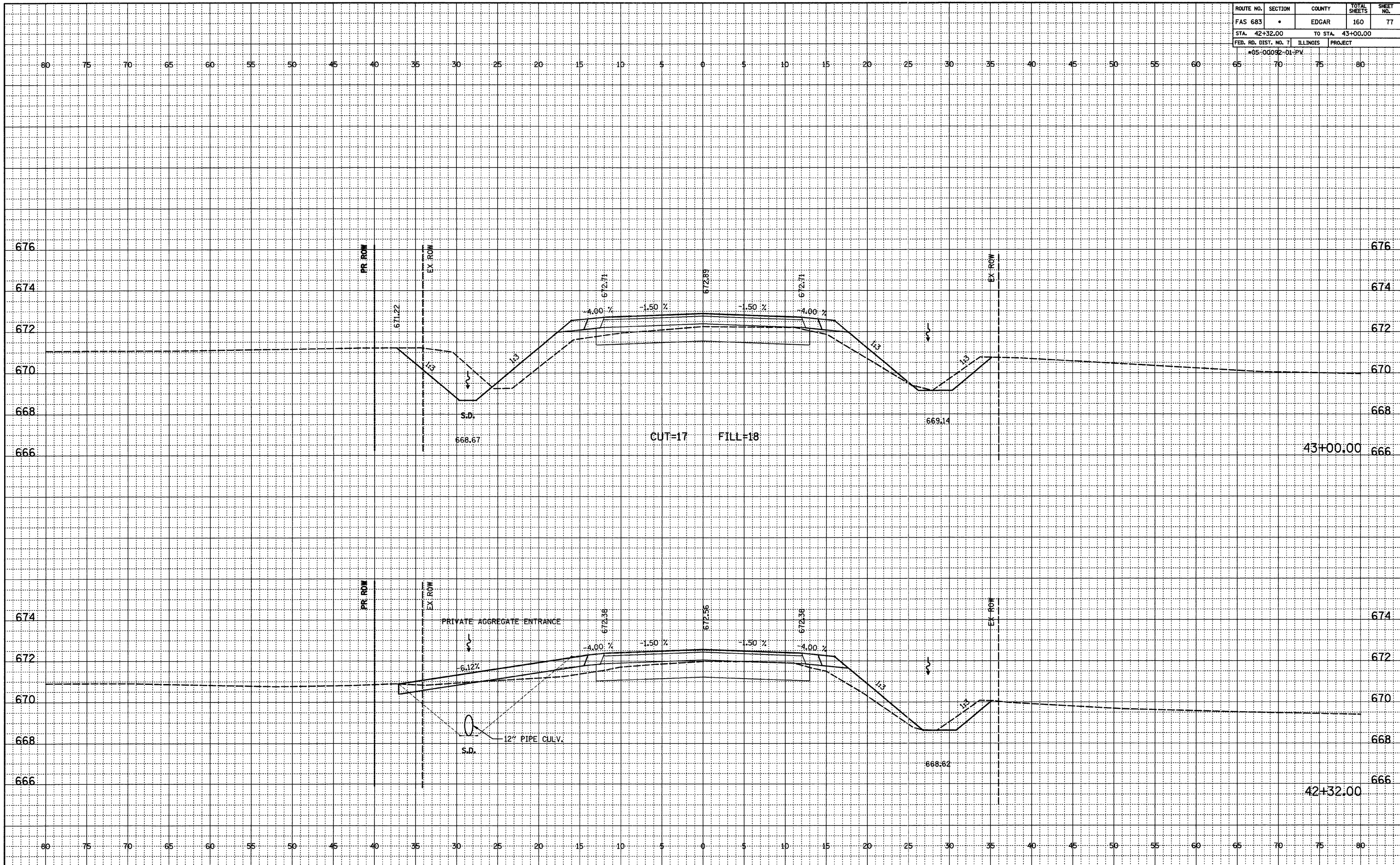
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 BY: \_\_\_\_\_  
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 ALIGNED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 BK'S NOTED: \_\_\_\_\_  
 STRUCTURE NOTATIONS CHD: \_\_\_\_\_  
 NO. \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	77
STA. 42+32.00		TO STA. 43+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
FIT. OF WAY CHECKED  
NO. \_\_\_\_\_

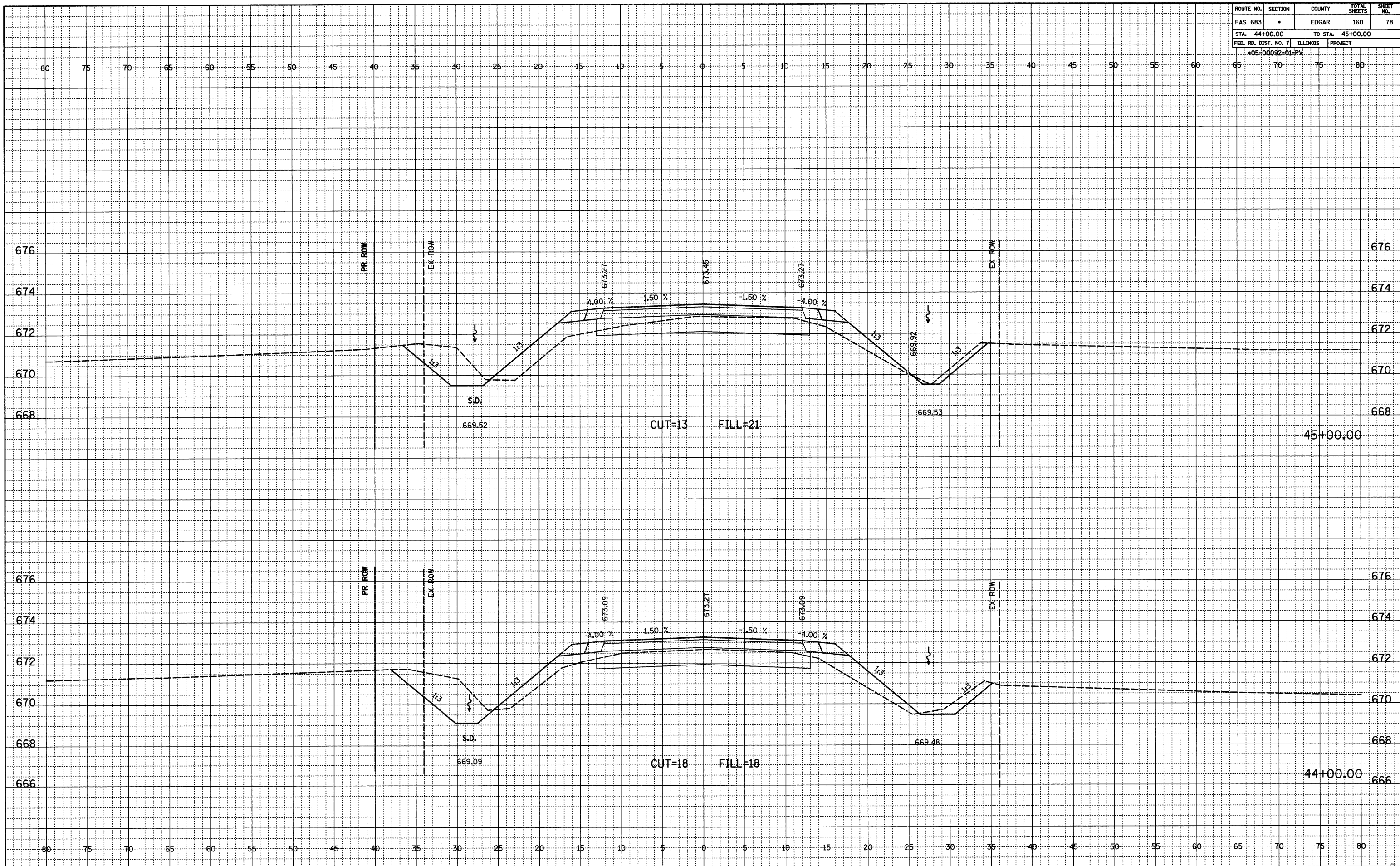
ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
BY'S NOTED  
NO. \_\_\_\_\_  
STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	-	EDGAR	160	78
STA. 44+00.00		TO STA. 45+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PM				

FINAL  
 SURVEYED  
 NOTEBOOK  
 NO. \_\_\_\_\_  
 ALIGNED  
 RT. OF WAY CHECKED  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_

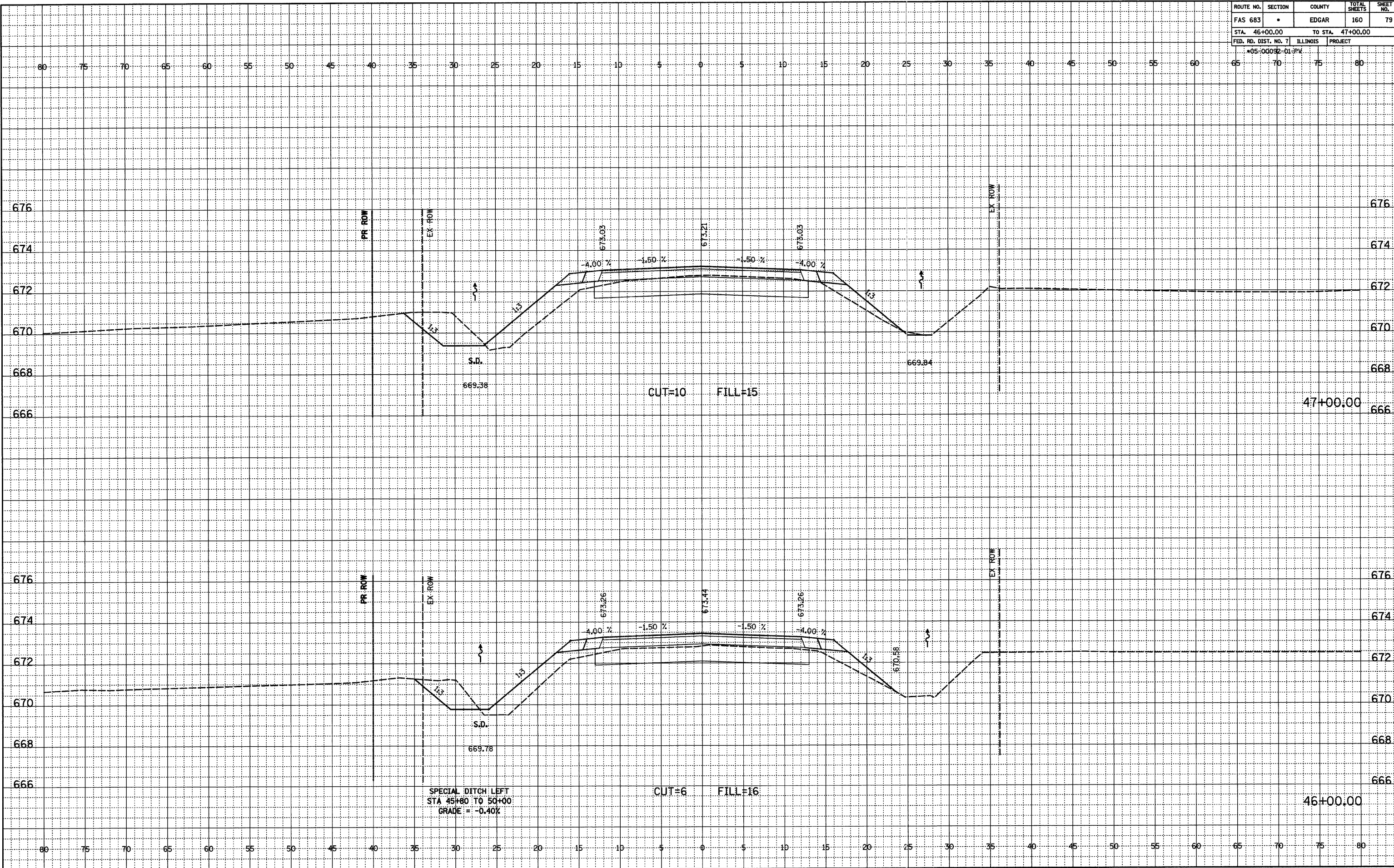
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 SURVEYED  
 NOTEBOOK  
 NO. \_\_\_\_\_  
 GRADE  
 BMS NOTED  
 STRUCTURE NOTATIONS OK'D  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	79
STA. 46+00.00		TO STA. 47+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00052-01-PV				

FINAL SURVEYED  
 NOTEBOOK NO. \_\_\_\_\_  
 ALIGNED CHECKED  
 RT. OF WAY CHECKED

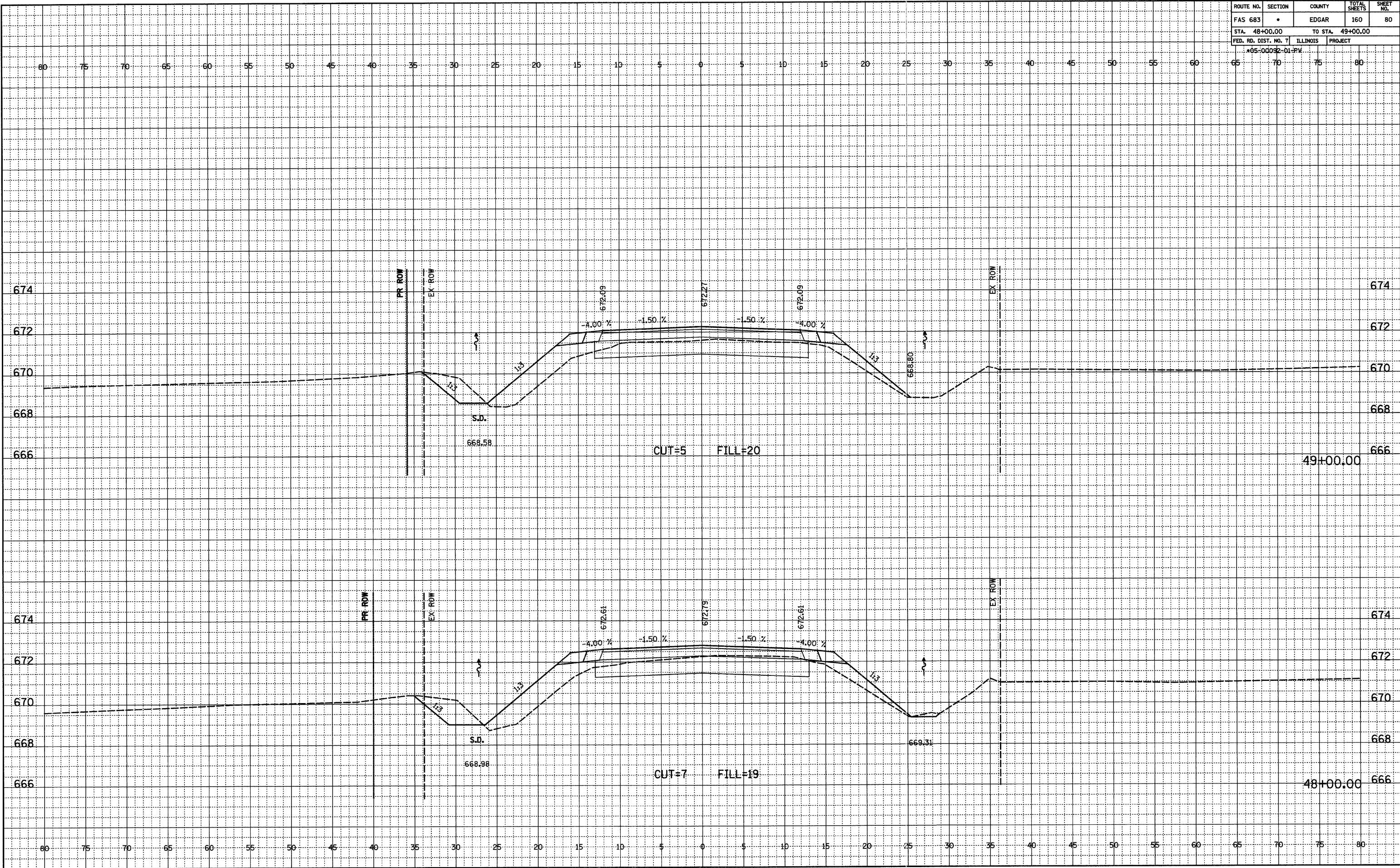
ORIGINAL SURVEYED  
 NOTEBOOK NO. \_\_\_\_\_  
 GRADE CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	80
STA. 48+00.00		TO STA. 49+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				

FINAL SURVEYED  
 NOTEDBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

ORIGINAL SURVEYED  
 NOTEDBOOK CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_

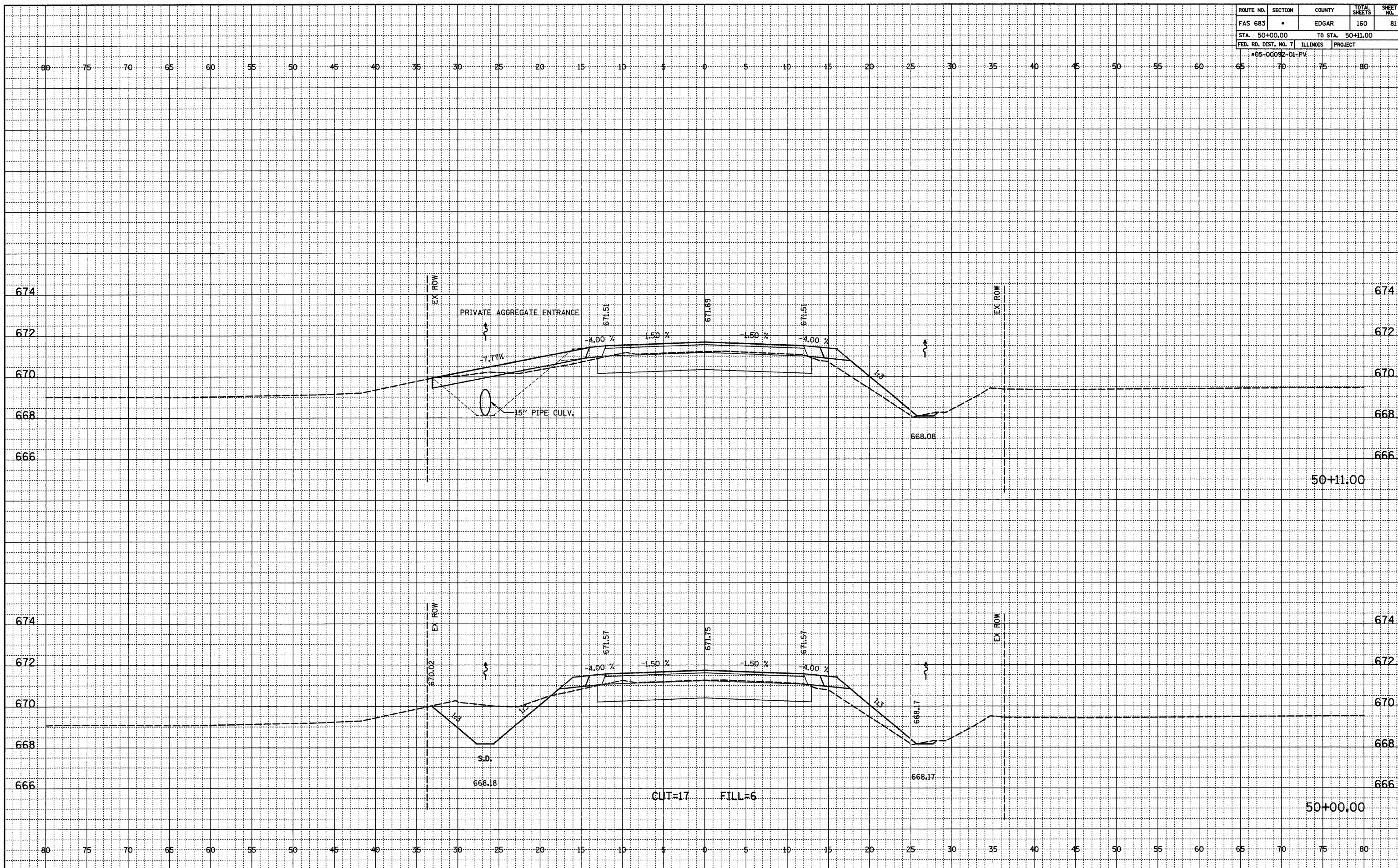




ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	81
STA. 50+00.00		TO STA. 50+11.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
NOTEBOOK ALIGNMENT CHECKED  
RT. OF WAY CHECKED  
NO.

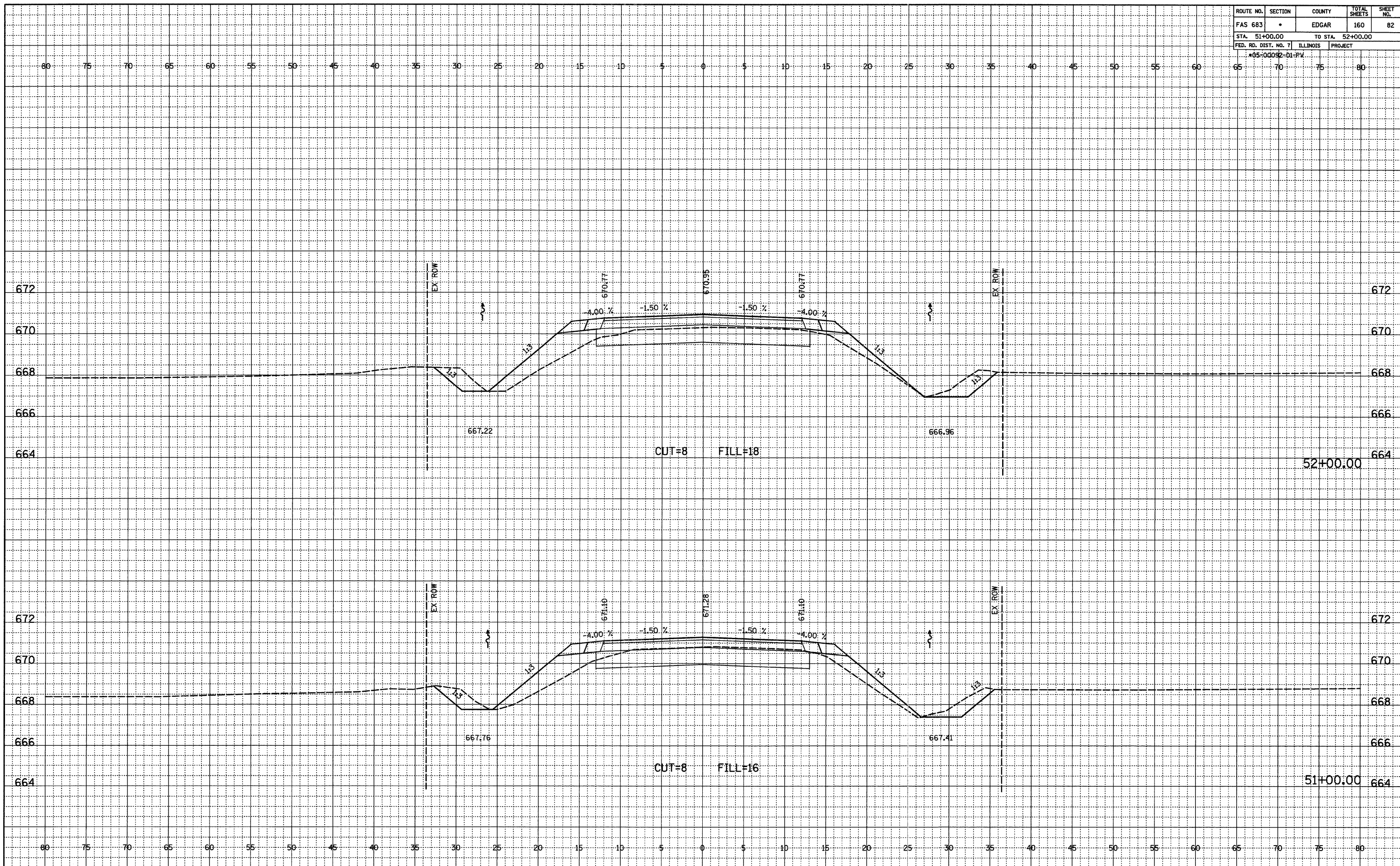
ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
B.M.'S NOTED  
NO. STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	82
STA. 51+00.00		TO STA. 52+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

FINAL SURVEYED BY DATE  
 ALUMINUM CHECKED  
 RT. OF WAY CHECKED  
 NO.

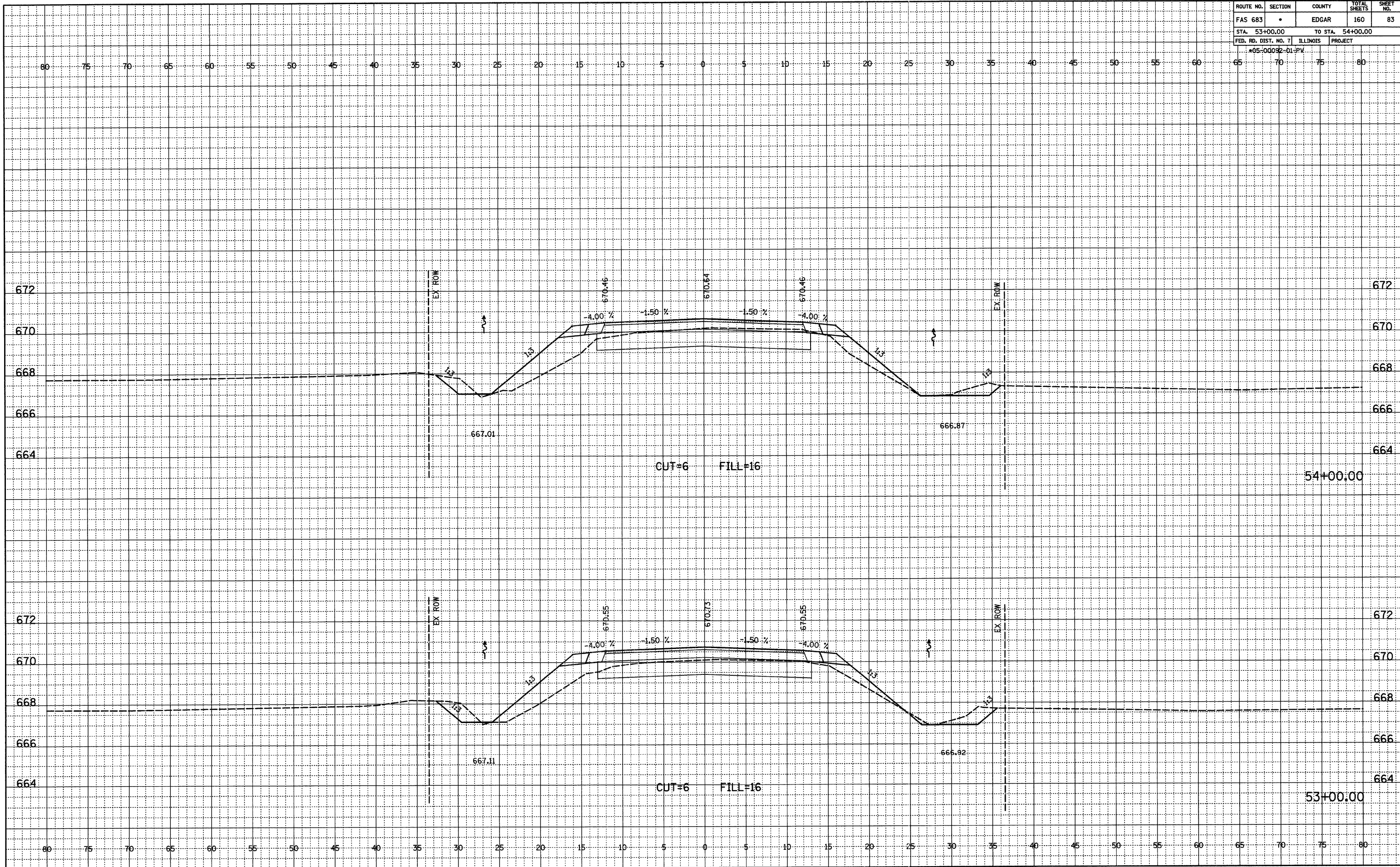
ORIGINAL SURVEYED BY DATE  
 GRADES CHECKED  
 BM'S NOTED  
 STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	83
STA. 53+00.00		TO STA. 54+00.00		
FED. RD. DIST. NO. 7	ILLINOIS	PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

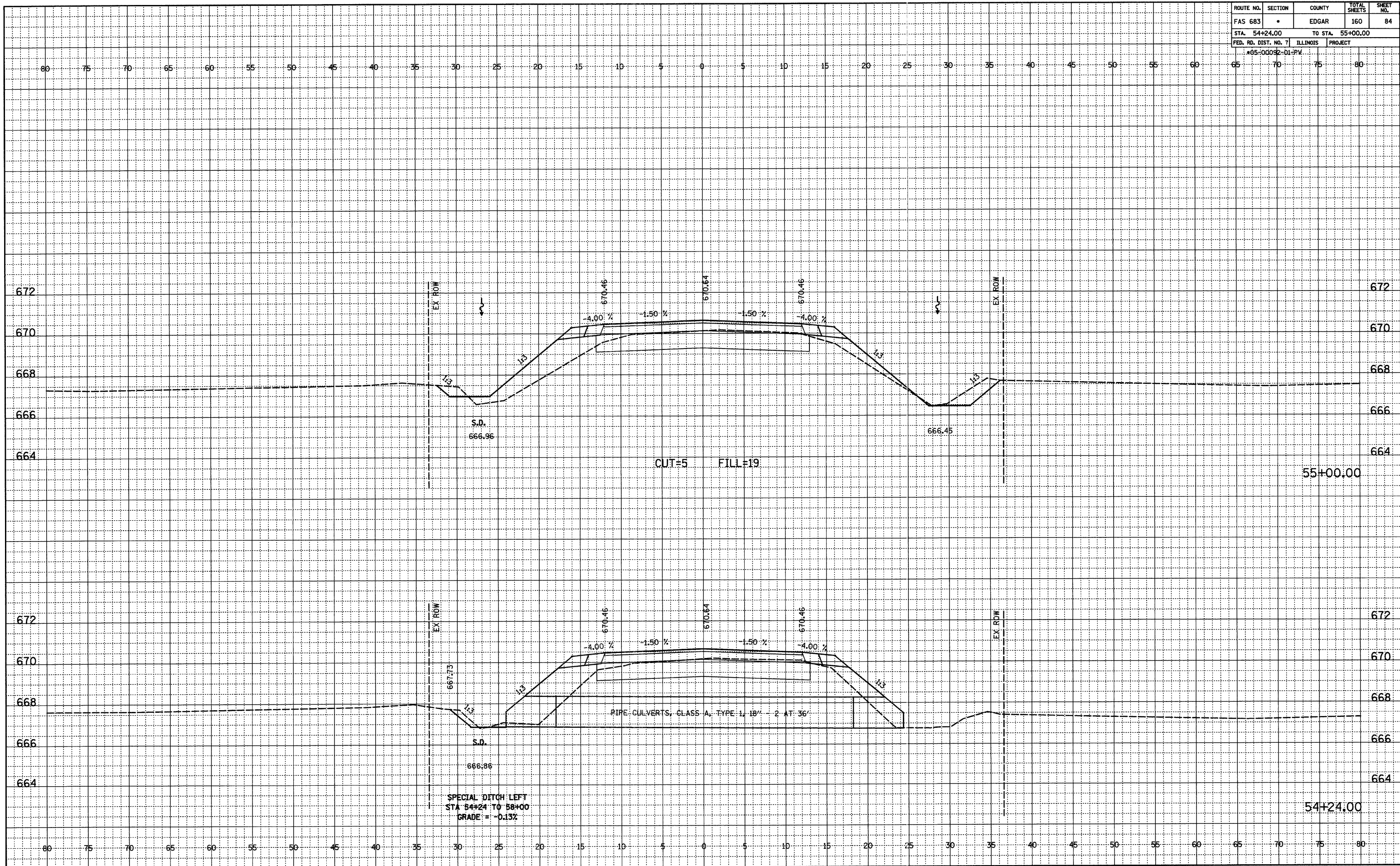
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 NOTEBOOK AS NOTED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	84
STA. 54+24.00		TO STA. 55+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

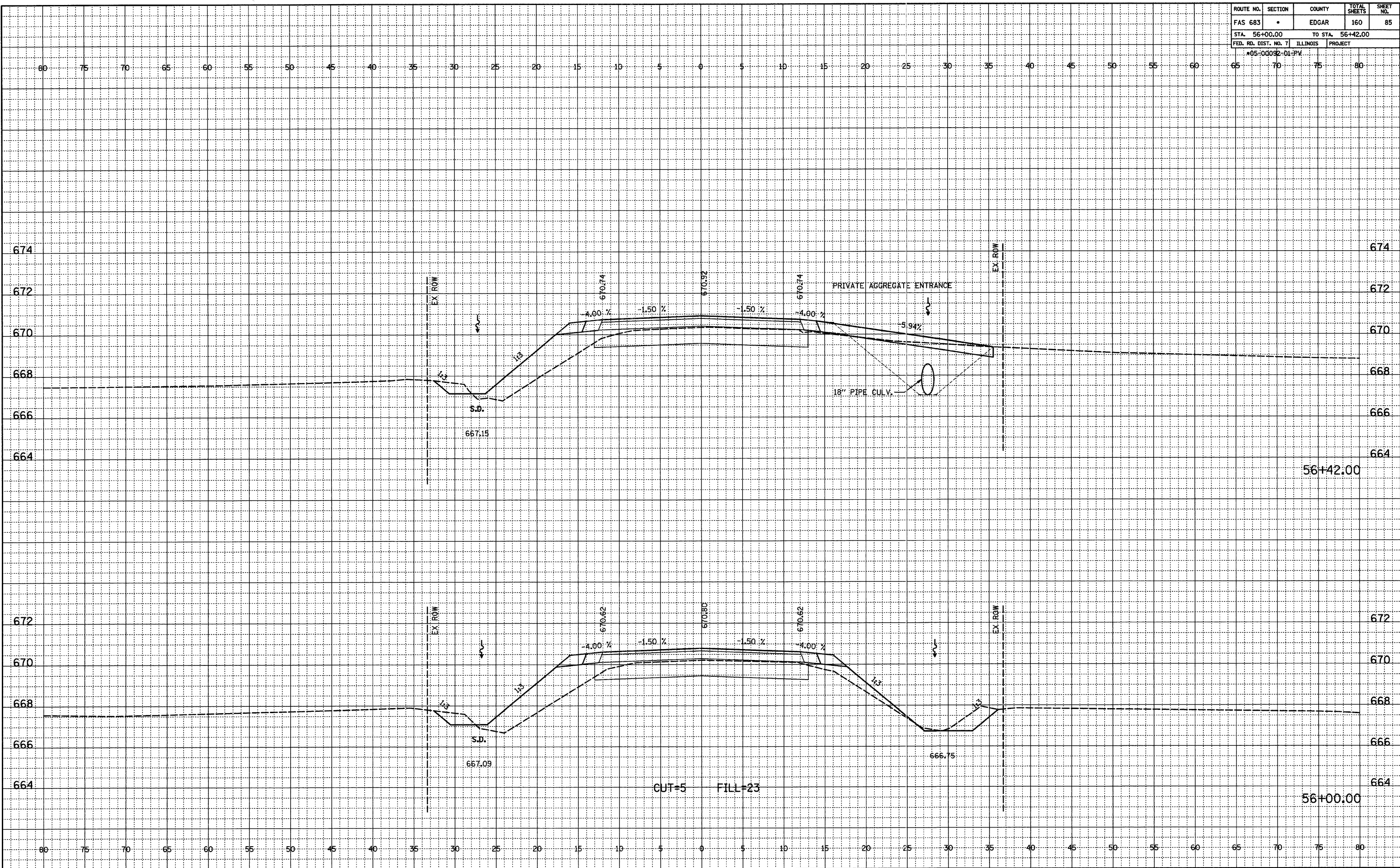
ORIGINAL SURVEYED  
 NOTEBOOK PLOTTED CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	85
STA. 56+00.00		TO STA. 56+42.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
RT. OF WAY CHECKED

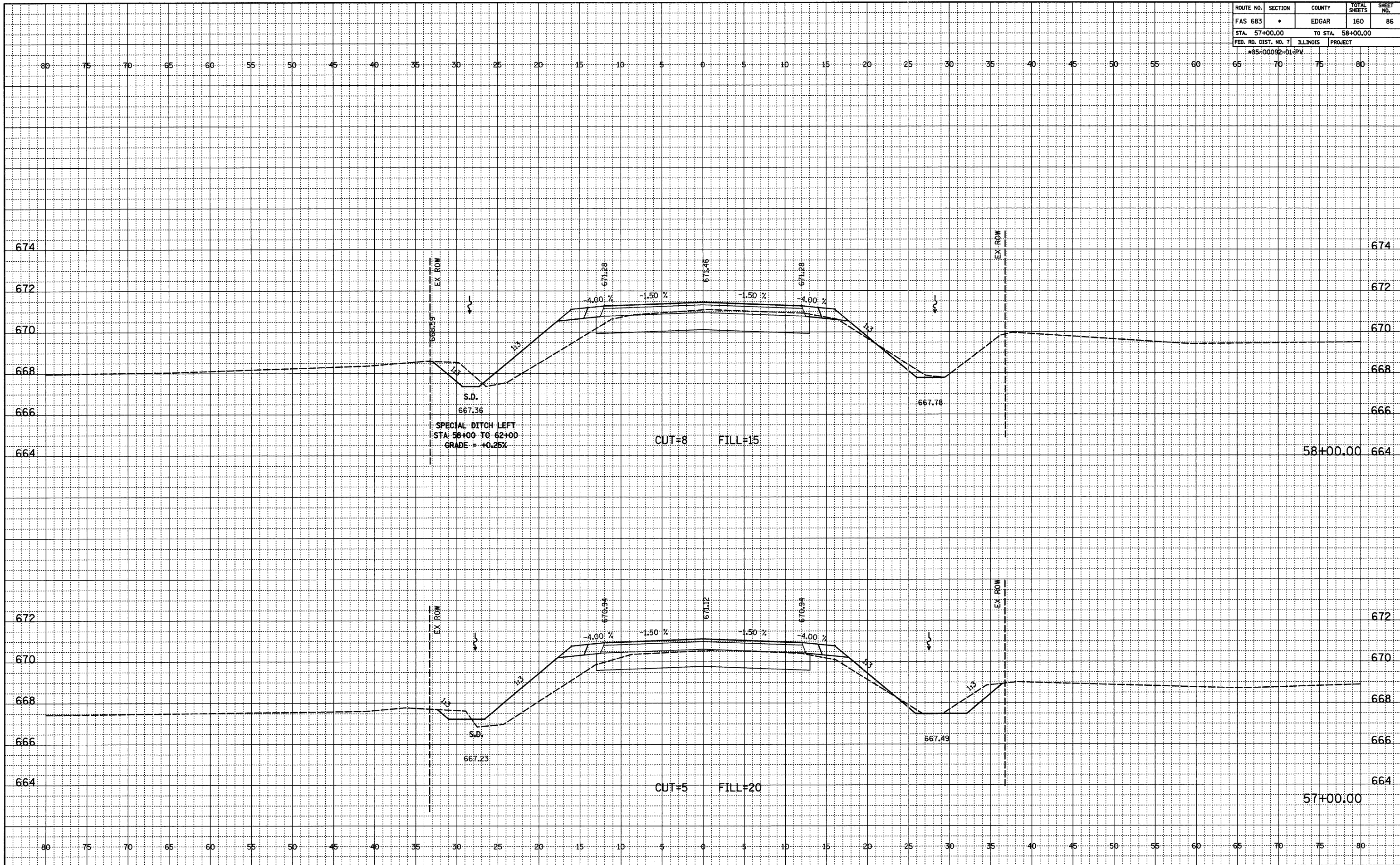
ORIGINAL SURVEYED  
GRADE'S CHECKED  
BM'S NOTED  
STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	86
STA. 57+00.00		TO STA. 58+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 ALIGNED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 RT. OF WAY: \_\_\_\_\_  
 NO.: \_\_\_\_\_

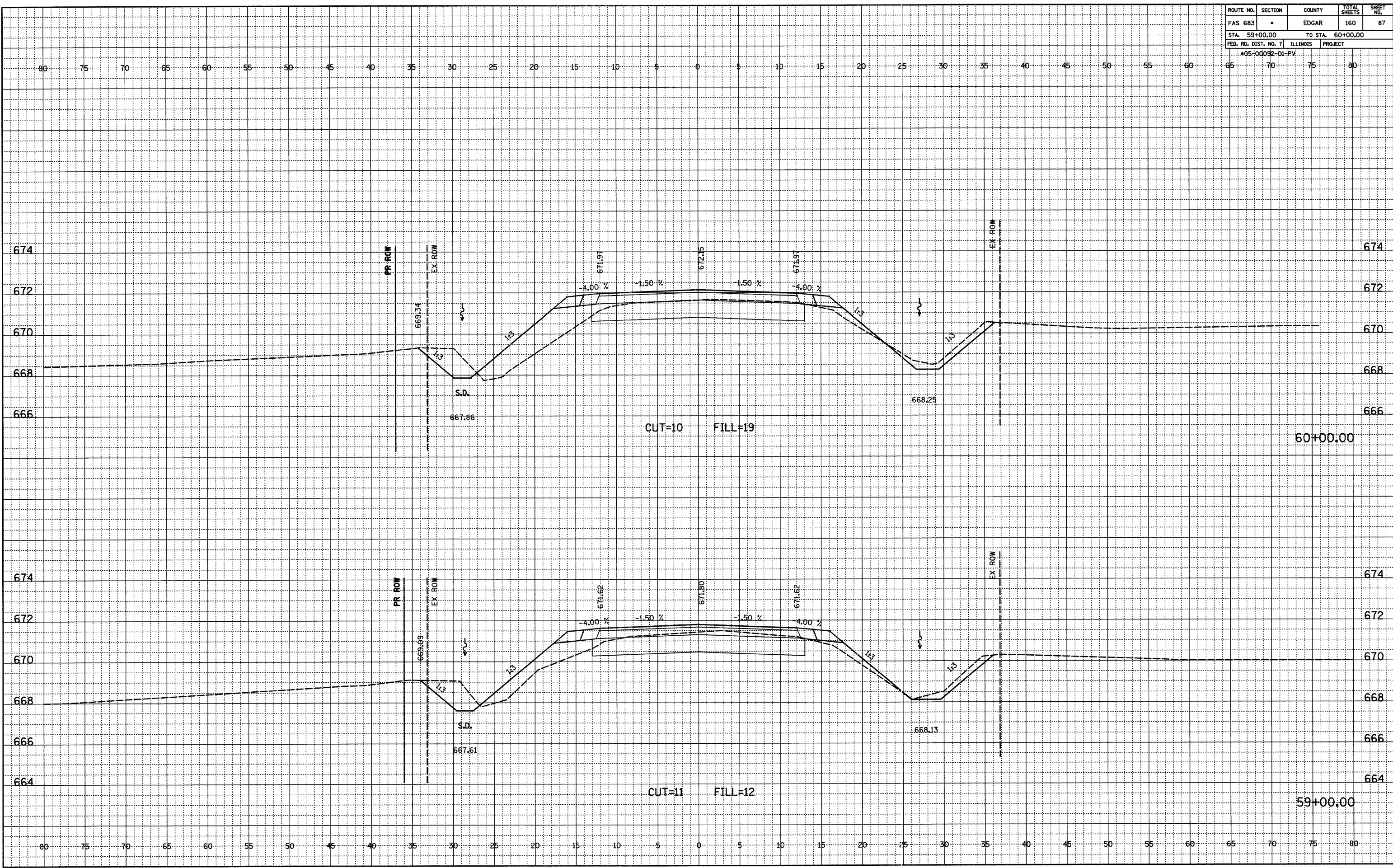
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 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
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 STRUCTURE NOTATIONS: \_\_\_\_\_  
 NO.: \_\_\_\_\_



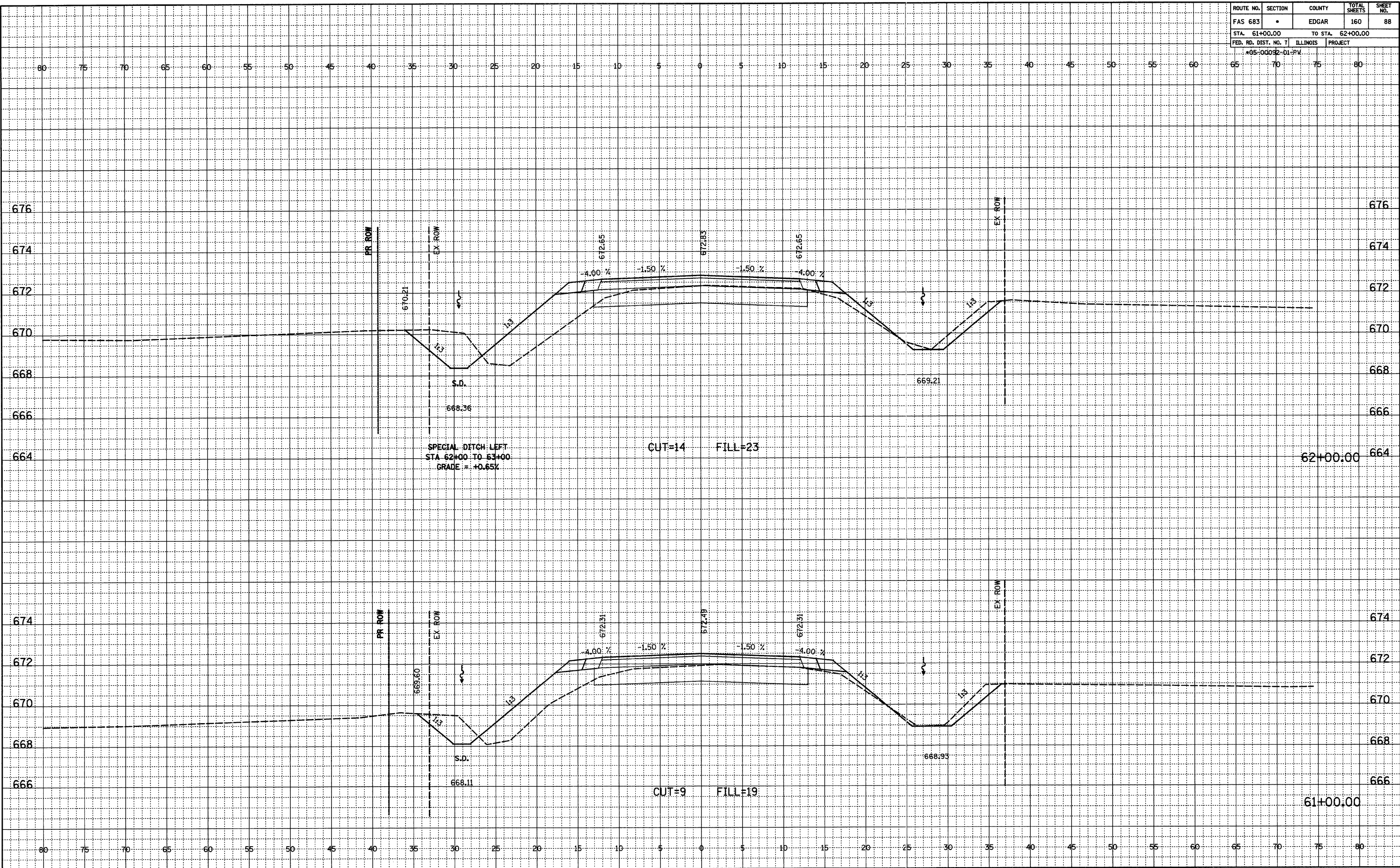
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	87
STA. 59+00.00		TO STA. 60+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-D1-PV				

FINAL SURVEYED, PLOTTED, CHECKED, ALIGNED, CHECKED, RT. OF WAY CHECKED, NO. \_\_\_\_\_

ORIGINAL SURVEYED, PLOTTED, CHECKED, BMS NOTED, STRUCTURE NOTATIONS CHFD, NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	88
STA. 61+00.00		TO STA. 62+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

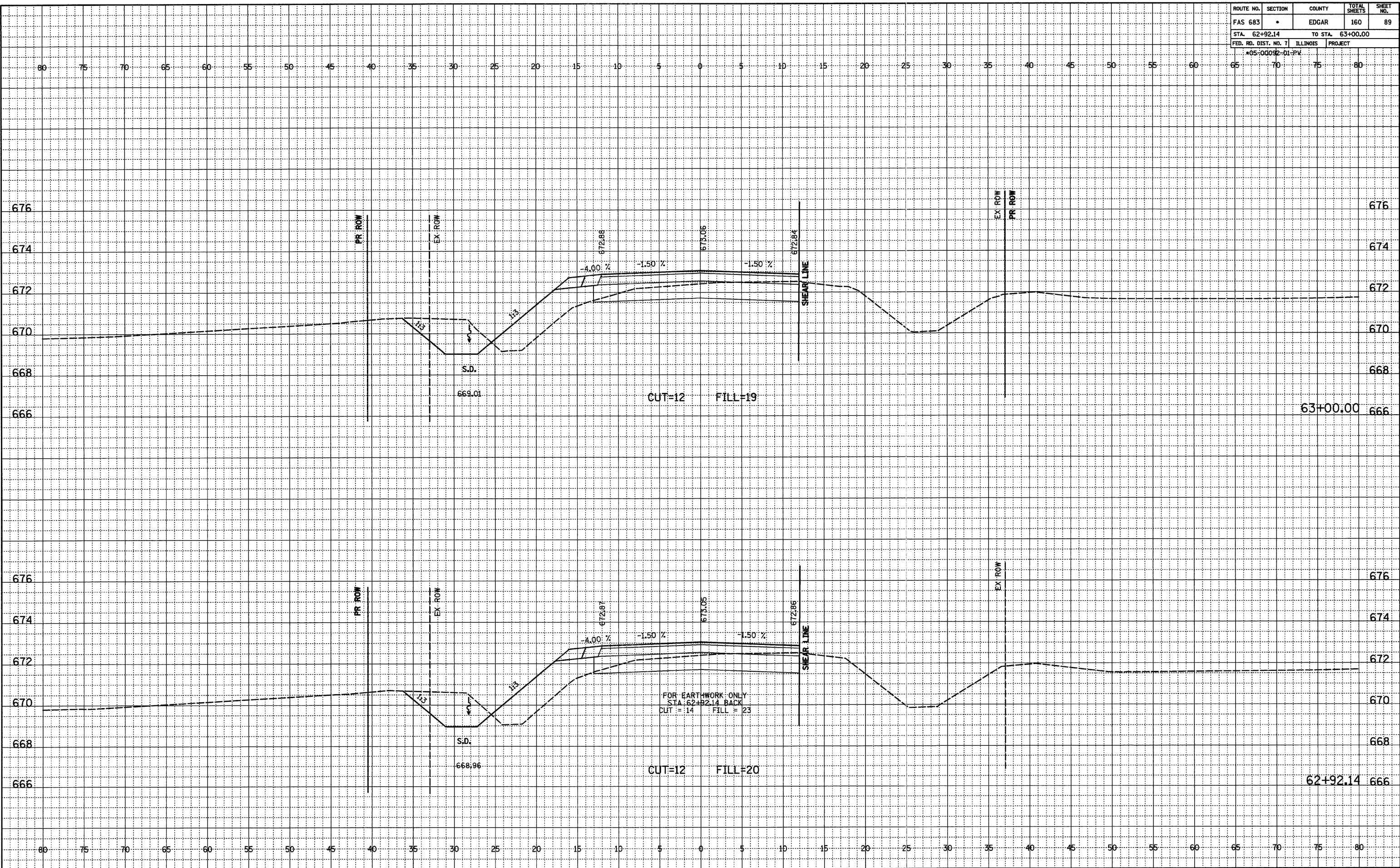


FINAL SURVEYED  
NOTEBOOK ALIGNMENT CHECKED  
RT. OF WAY CHECKED  
NO. \_\_\_\_\_

ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
BM'S NOTED  
NO. \_\_\_\_\_ STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	89
STA. 62+92.14		TO STA. 63+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				



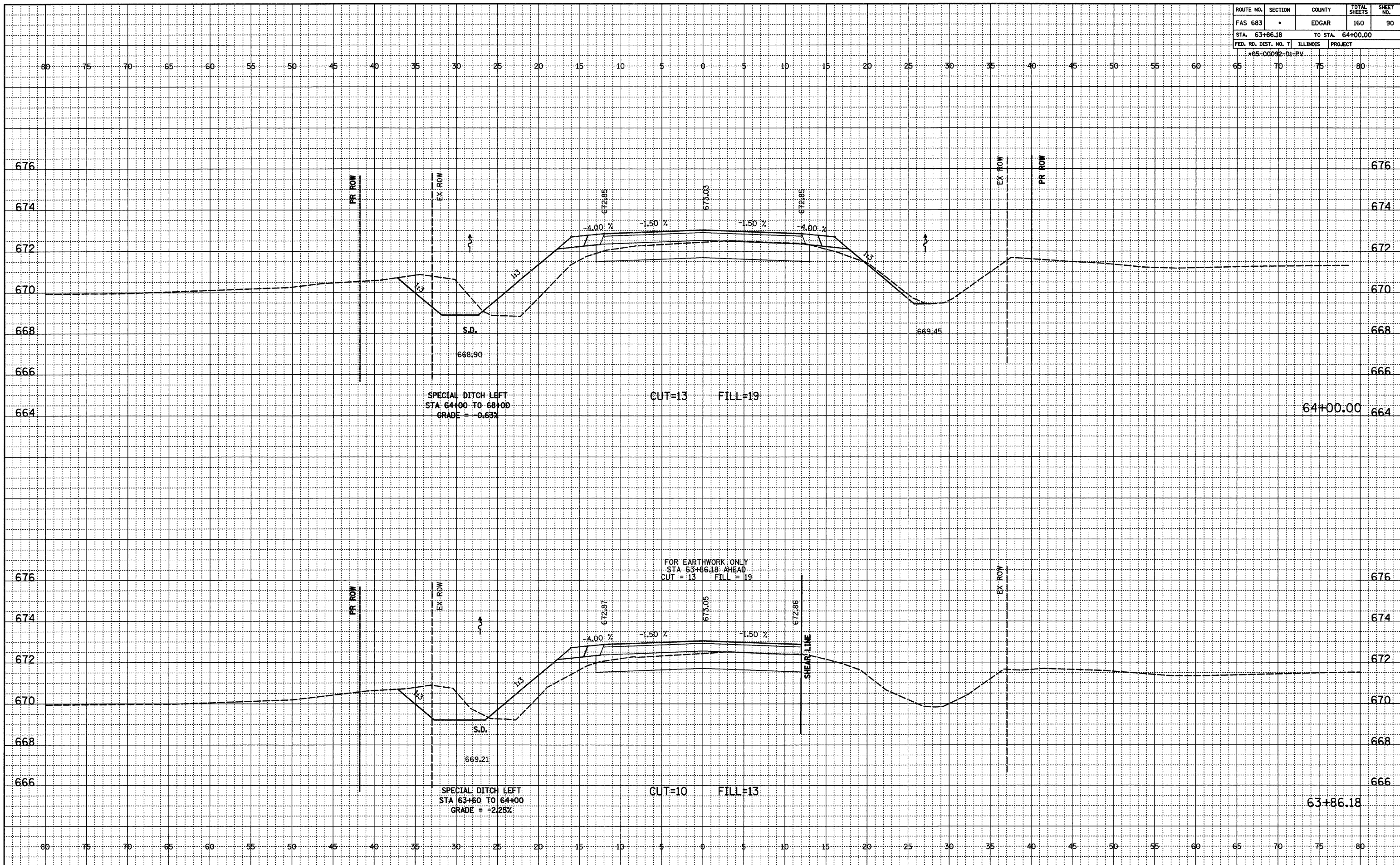
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 FINAL NOTEBOOK GRADES CHECKED: \_\_\_\_\_  
 ALIGNMENT CHECKED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 ORIGINAL NOTEBOOK GRADES CHECKED: \_\_\_\_\_  
 DIM'S NOTED: \_\_\_\_\_  
 STRUCTURE NOTATIONS OK'D: \_\_\_\_\_  
 NO. \_\_\_\_\_

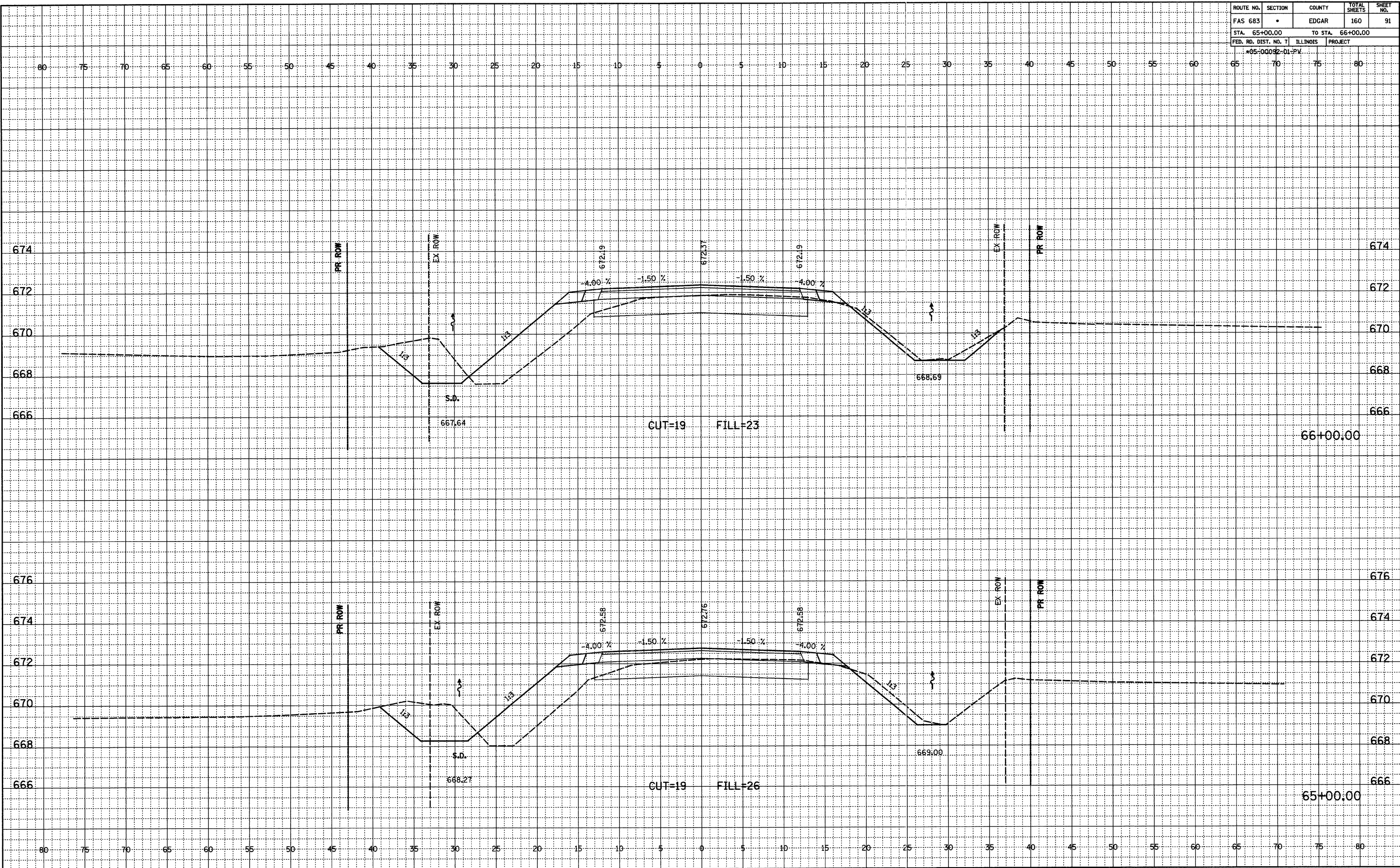
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	90
STA. 63+86.18		TO STA. 64+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PV				

DATE \_\_\_\_\_  
BY \_\_\_\_\_  
SURVEYED \_\_\_\_\_  
NOTES \_\_\_\_\_  
ALIGNED \_\_\_\_\_  
CHECKED \_\_\_\_\_  
RT. OF WAY CHECKED \_\_\_\_\_  
FINAL \_\_\_\_\_  
NO. \_\_\_\_\_

DATE \_\_\_\_\_  
BY \_\_\_\_\_  
SURVEYED \_\_\_\_\_  
NOTES \_\_\_\_\_  
GRADES CHECKED \_\_\_\_\_  
B.M.'S NOTED \_\_\_\_\_  
STRUCTURE NOTATIONS CHECKED \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
NO. \_\_\_\_\_



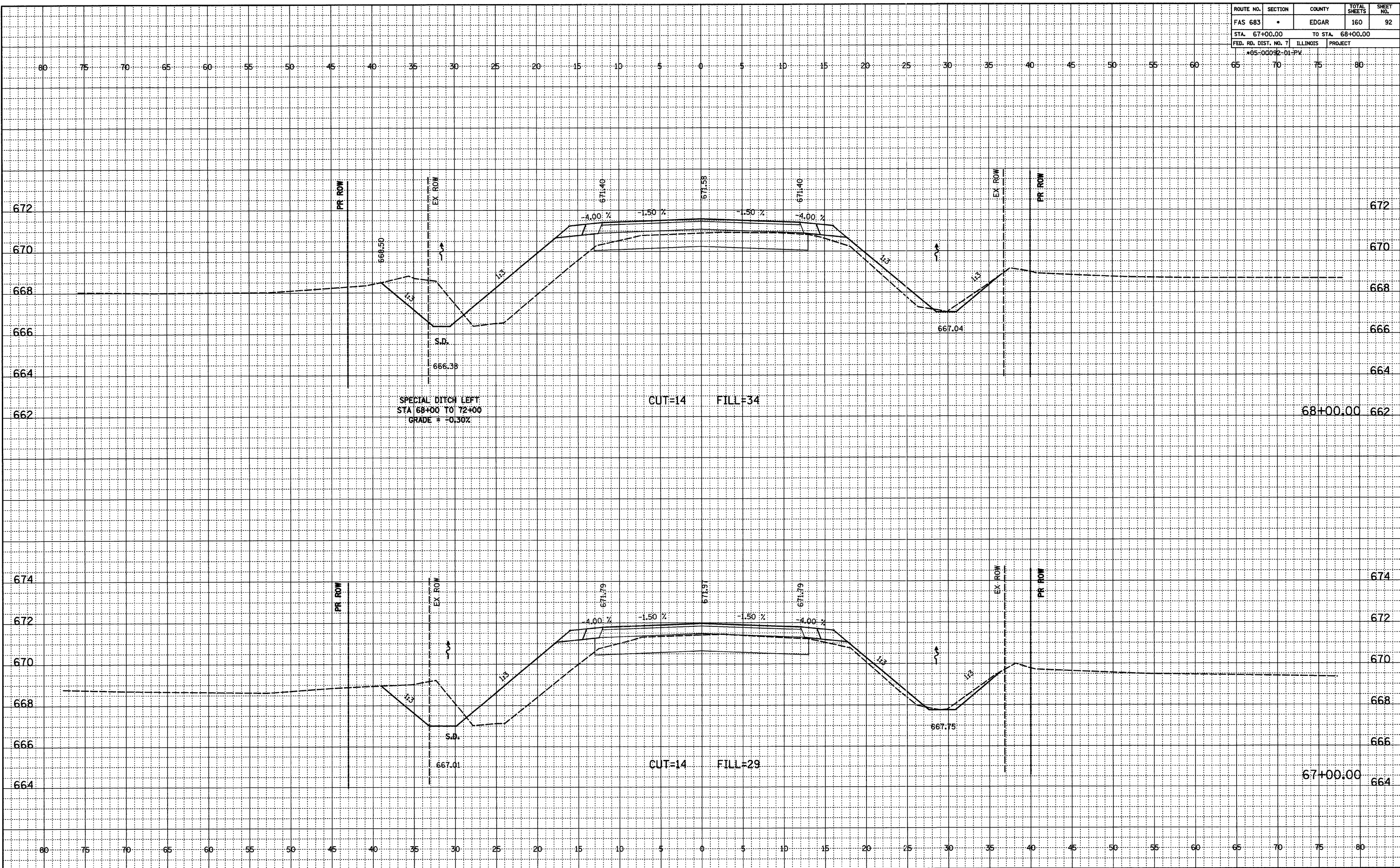
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	•	EDGAR	160	91
STA. 65+00.00		TO STA. 66+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				



FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
NO. RT. OF WAY CHECKED

ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
NO. B.M.'S NOTED  
STRUCTURE NOTATIONS OK'D

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	92
STA. 67+00.00		TO STA. 68+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*65-00092-01-PV				



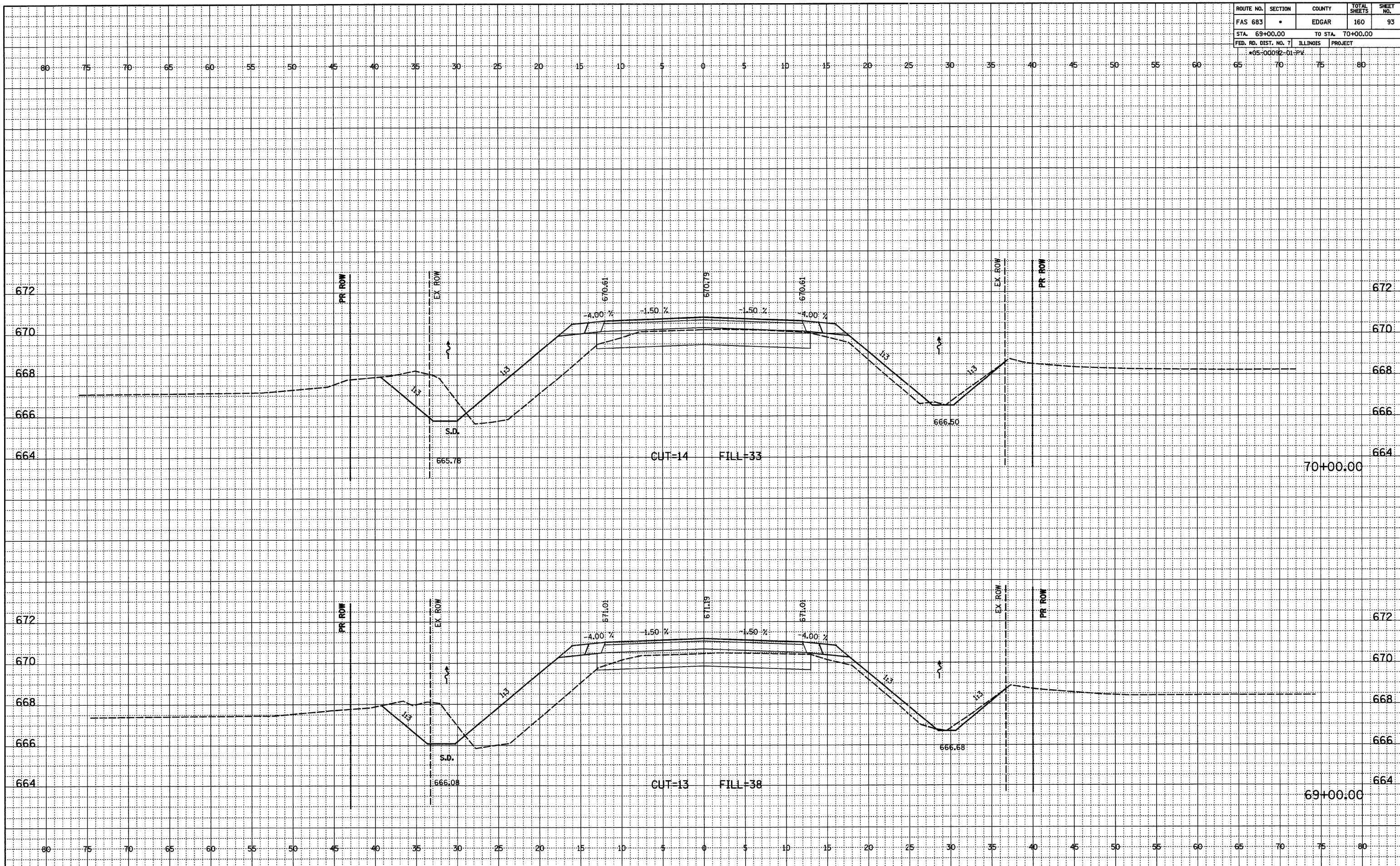
FINAL SURVEYED BY DATE  
 NOTEBOOK NO. \_\_\_\_\_  
 ALIGNED CHECKED BY \_\_\_\_\_  
 RT. OF WAY CHECKED BY \_\_\_\_\_

ORIGINAL SURVEYED BY DATE  
 NOTEBOOK NO. \_\_\_\_\_  
 B.M.'S NOTED BY \_\_\_\_\_  
 STRUCTURE NOTATIONS OK'D BY \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	93
STA. 69+00.00		TO STA. 70+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 FINAL SURVEYED  
 NOTEBOOK ALIGNED CHECKED  
 NO. \_\_\_\_\_ RT. OF WAY CHECKED

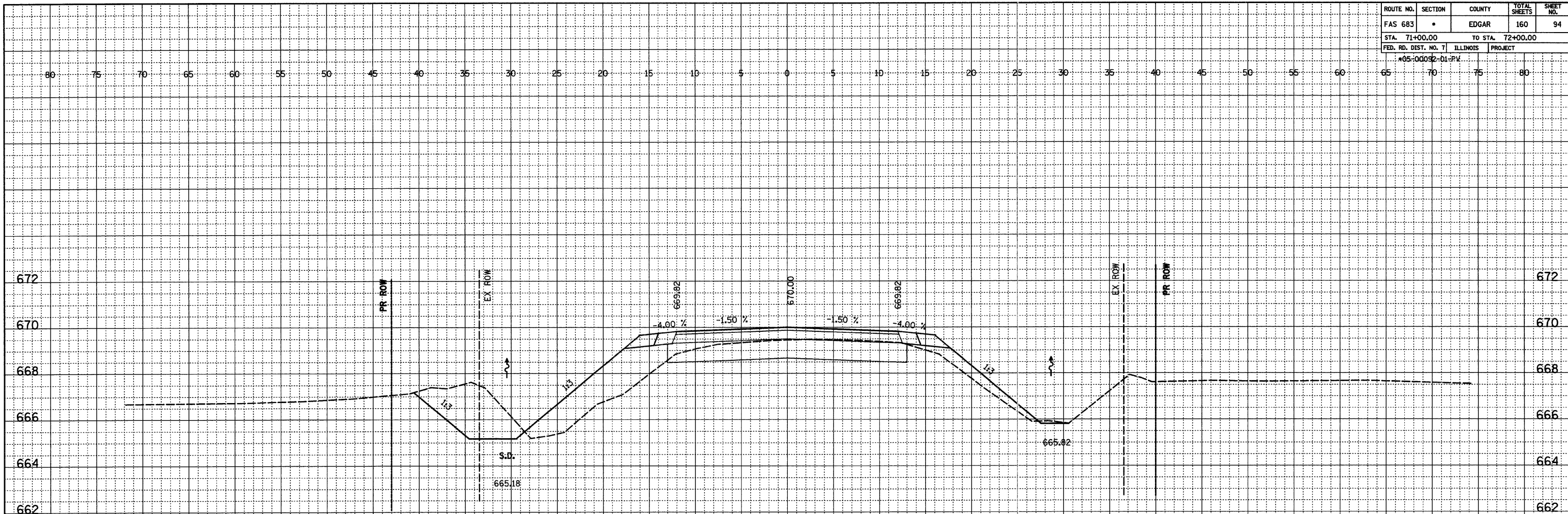
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 ORIGINAL SURVEYED  
 NOTEBOOK GAUGES CHECKED  
 NO. \_\_\_\_\_ BMS NOTED  
 STRUCTURE NOTATIONS OK'D



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	94
STA. 71+00.00		TO STA. 72+00.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED  
NOTEBOOK ALIGNED CHECKED  
NO. RT. OF WAY CHECKED

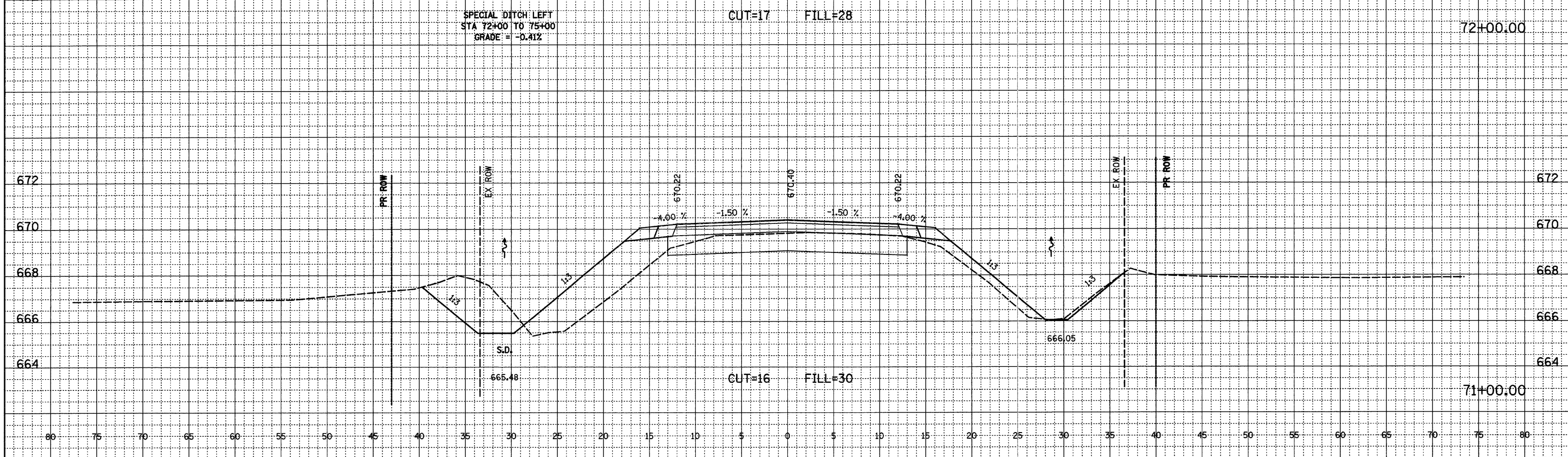
ORIGINAL SURVEYED  
NOTEBOOK GRADES CHECKED  
NO. B.M.'S NOTED  
STRUCTURE NOTATIONS OK'D



SPECIAL DITCH LEFT  
STA 72+00 TO 75+00  
GRADE = -0.41%

CUT=17 FILL=28

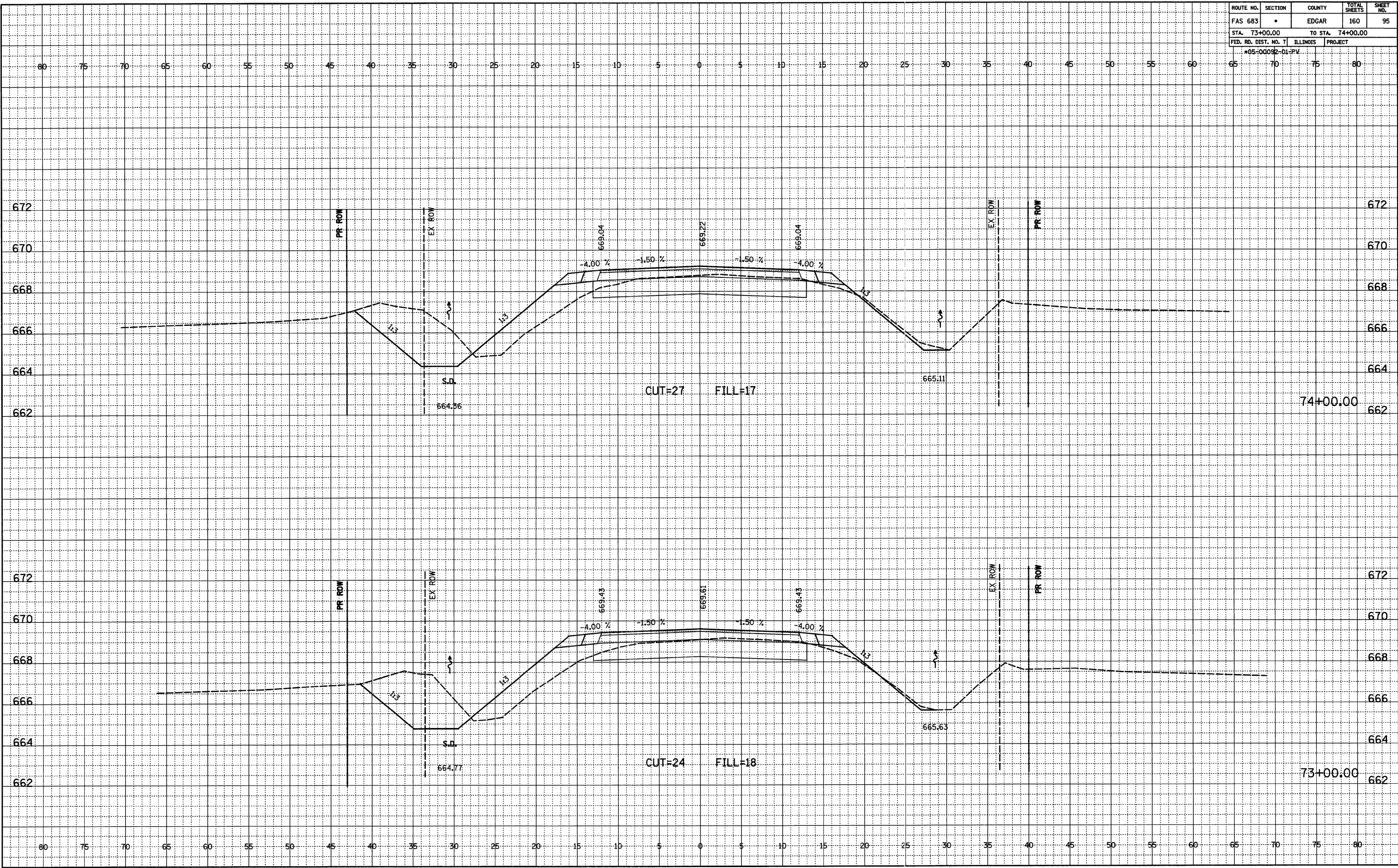
72+00.00



CUT=16 FILL=30

71+00.00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	95
STA. 73+00.00		TO STA. 74+00.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				



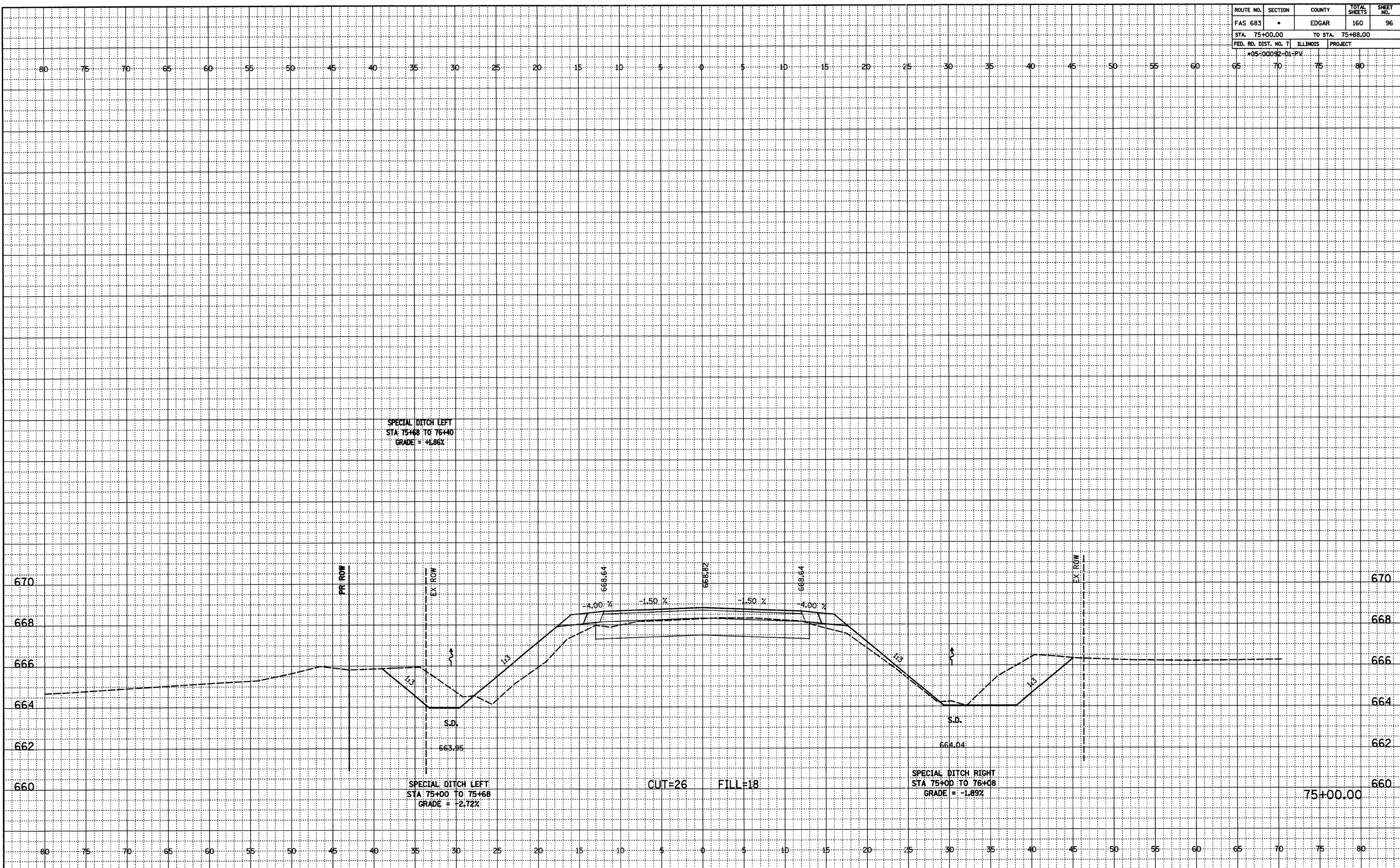
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 FINAL NOTEBOOK NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PT. OF WAY CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 ORIGINAL NOTEBOOK NO. \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 STRUCTURE NOTATIONS CR'D: \_\_\_\_\_

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	96
STA. 75+00.00		TO STA. 75+88.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-10092-D1-PK				

FINAL SURVEYED  
PLOTTED  
NOTED  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
NO. \_\_\_\_\_

ORIGINAL SURVEYED  
PLOTTED  
NOTED  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
NO. \_\_\_\_\_

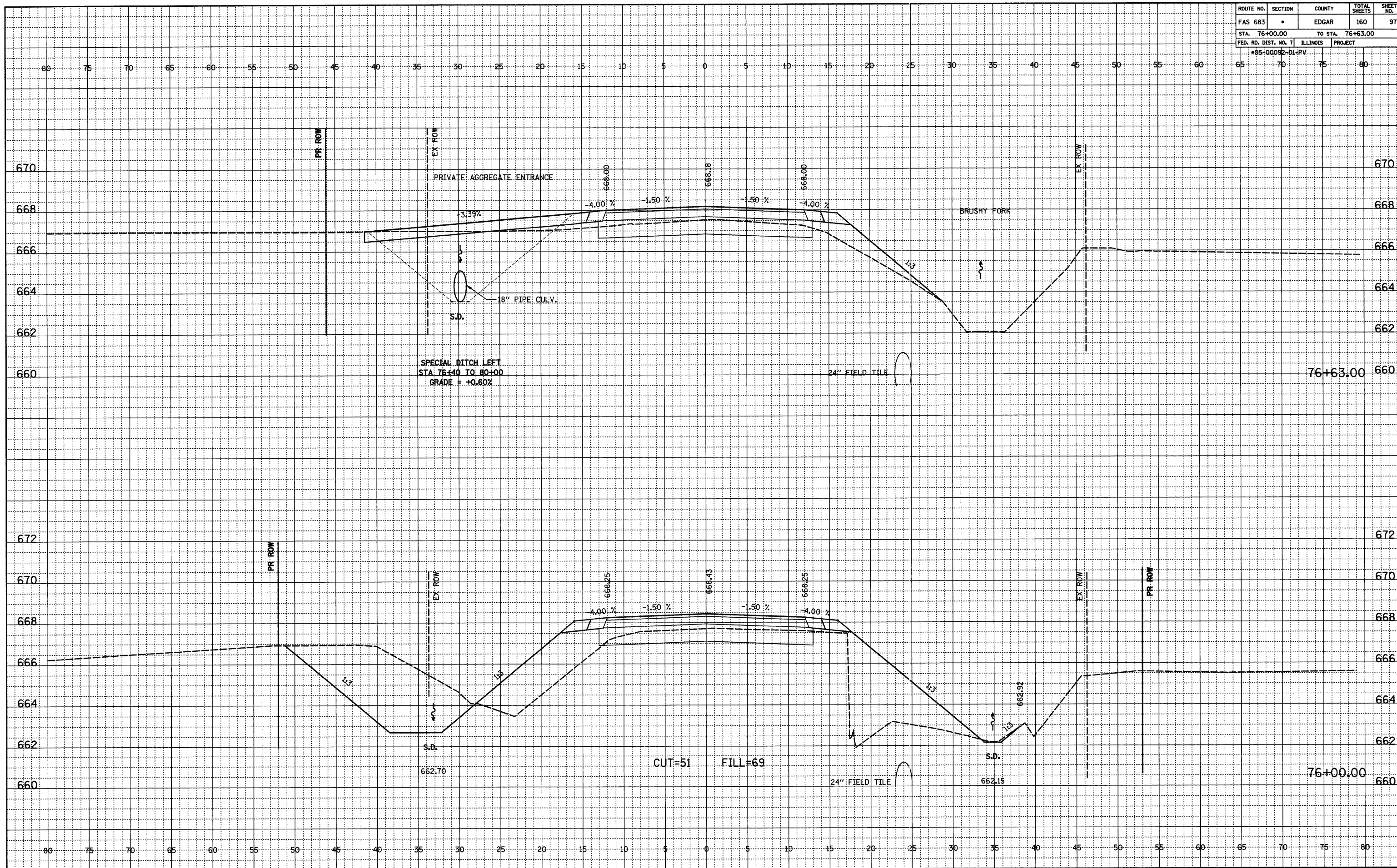




ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	97
STA. 76+00.00		TO STA. 76+63.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FINAL SURVEYED, PLOTTED, CHECKED, AND REVISIONS MADE BY: \_\_\_\_\_  
 NO. \_\_\_\_\_

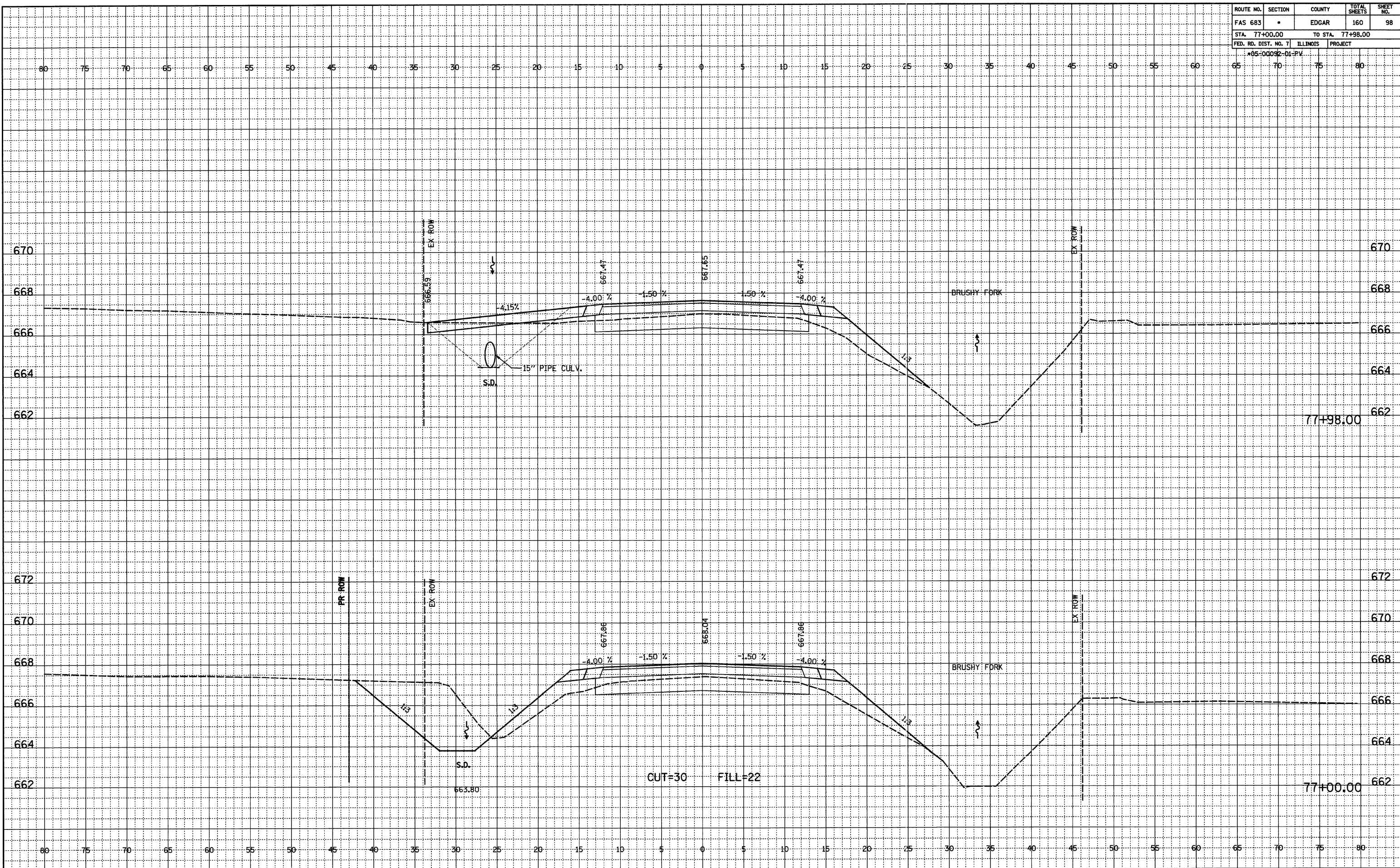
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ORIGINAL SURVEYED, PLOTTED, CHECKED, AND REVISIONS MADE BY: \_\_\_\_\_  
 NO. \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	98
STA. 77+00.00		TO STA. 77+98.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-D1-PK				

FINAL SURVEYED  
 PLOTTED  
 NOTEBOOK  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_

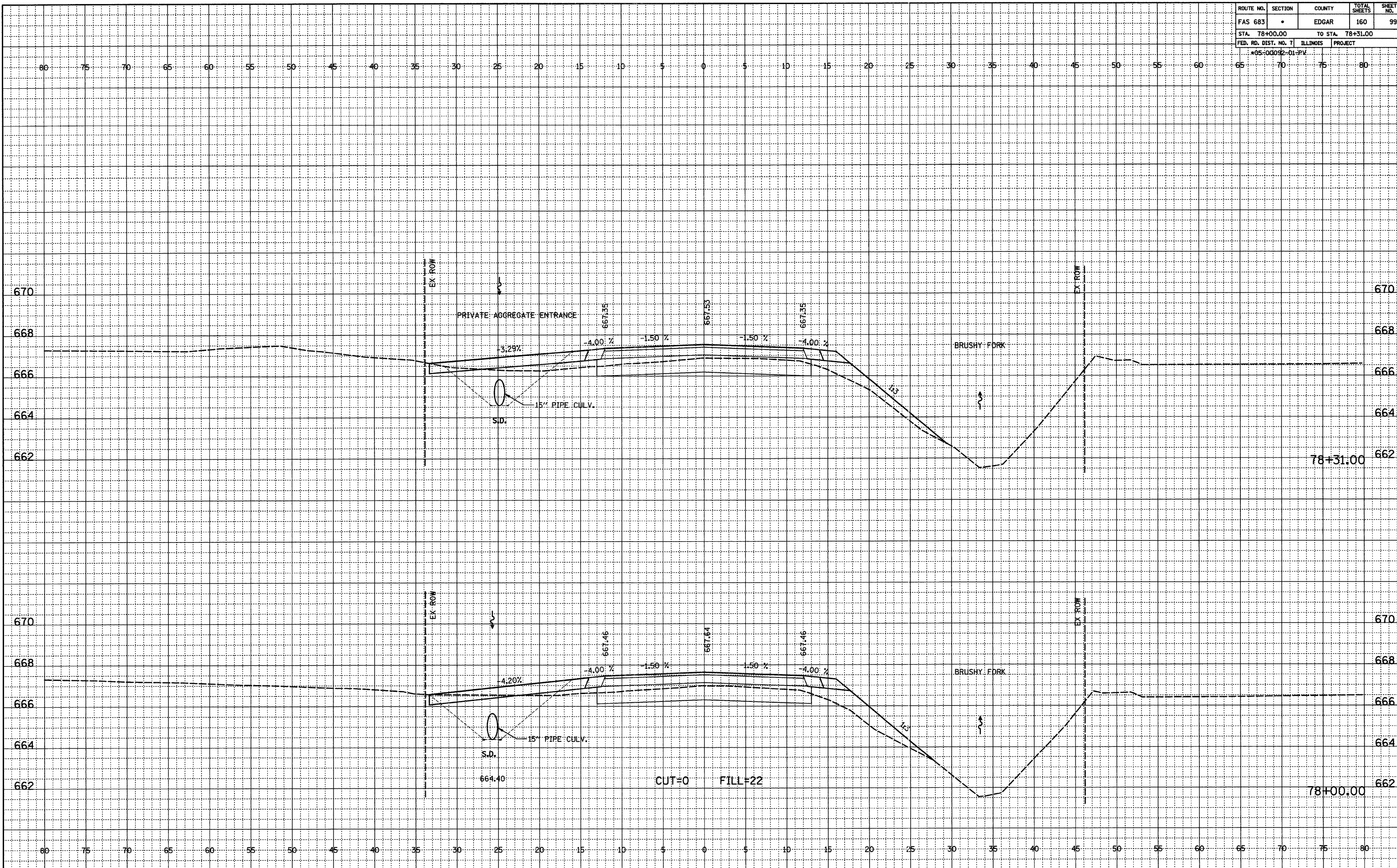
ORIGINAL SURVEYED  
 PLOTTED  
 NOTEBOOK  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_



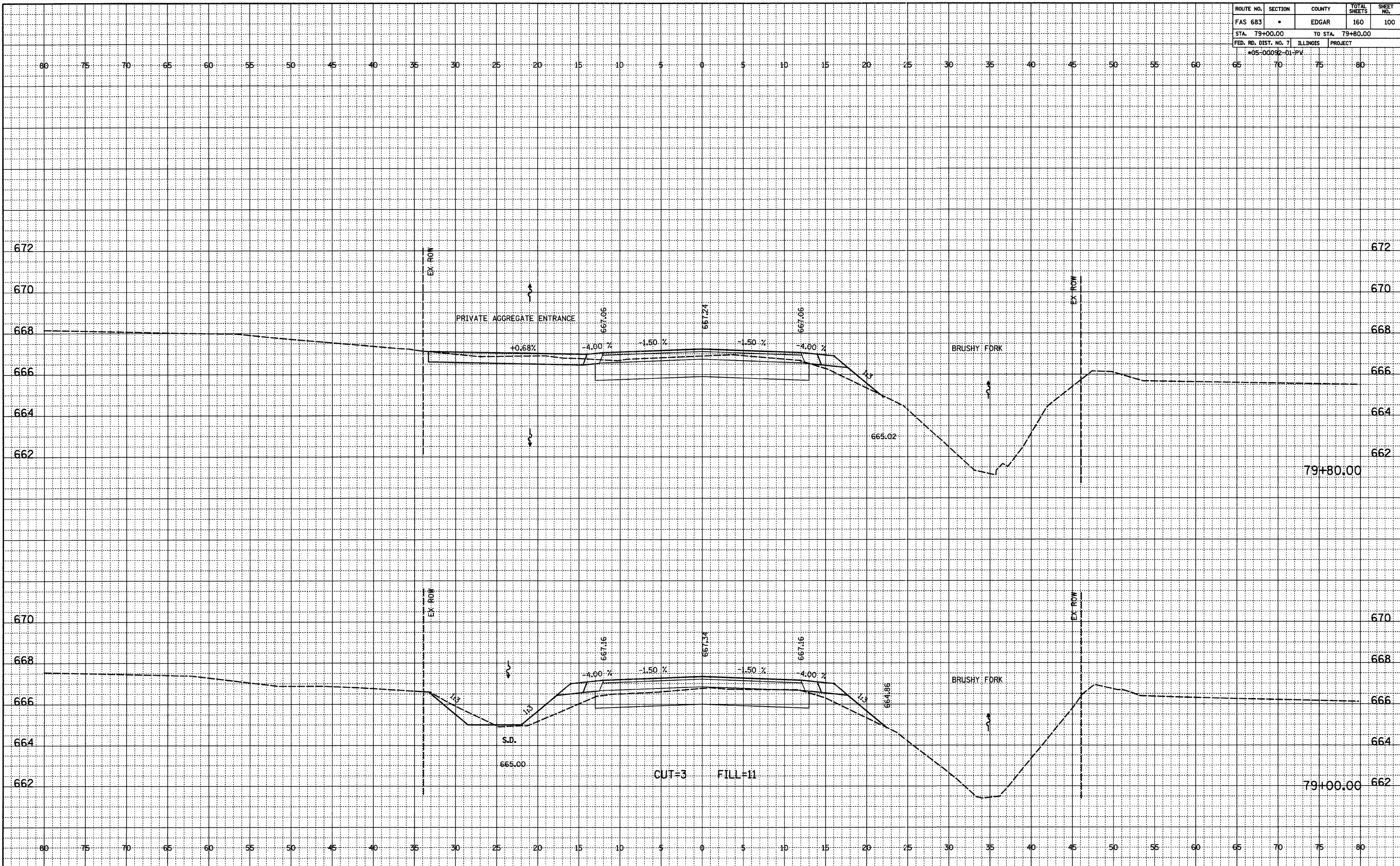
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	99
STA. 78+00.00		TO STA. 78+31.00		
FED. RD. DIST. NO. 7		ILLINOIS PROJECT		
*05-00092-01-PV				

FINAL SURVEYED PLOTTED ALIGNED CHECKED  
 NO. \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEYED PLOTTED ALIGNED CHECKED  
 NO. \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 683	*	EDGAR	160	100
STA. 79+00.00		TO STA. 79+80.00		
FED. RD. DIST. NO. 7		ILLINOIS	PROJECT	
*05-00092-01-PV				



FINAL SURVEYED  
 PLOTTED  
 NOTEBOOK  
 RT. OF WAY CHECKED  
 NO. \_\_\_\_\_

ORIGINAL SURVEYED  
 PLOTTED  
 NOTEBOOK  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS OK'D  
 NO. \_\_\_\_\_