

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

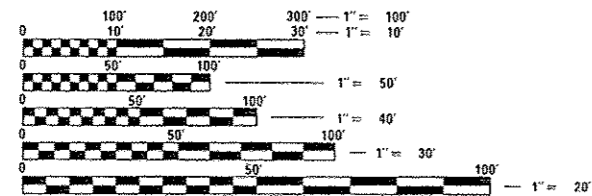
**PROPOSED
HIGHWAY PLANS**

FOR INDEX OF SHEETS, AND HIGHWAY STANDARDS SEE SHEET NO. 2

FAU ROUTE 7810 (IL 96)
SECTION 11B-2
PROJECT ACM-7810 (001)
BRIDGE REPLACEMENT
ADAMS COUNTY

C-96-069-08

DESIGN DESIGNATION:
FAU 7810
MINOR ARTERIAL (URBAN)
ADT = 11,100 (2013)
SU = 2.4%
MU = 0.5%

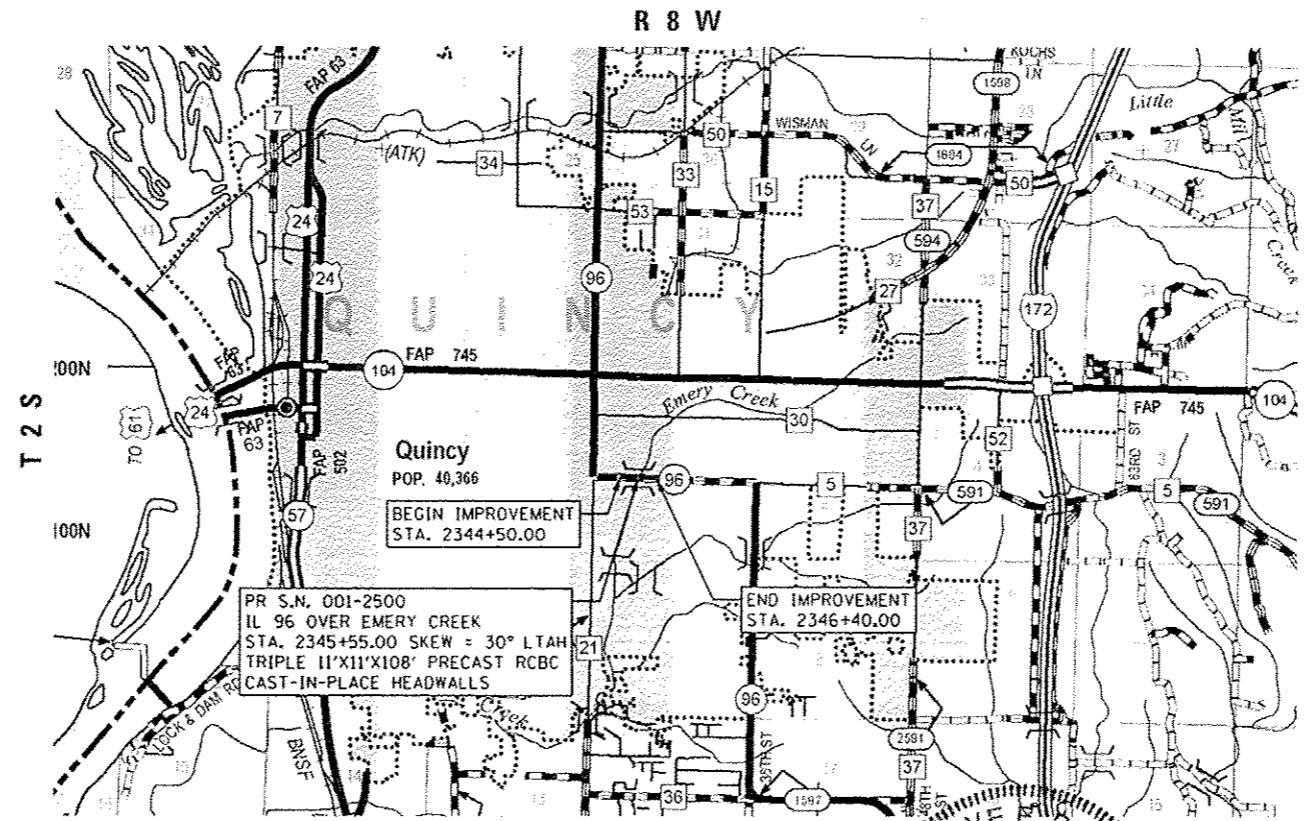


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: KEITH DONOVAN (217) 782-4761
TEAM MANAGER: TOM COX (217) 557-6349

CONTRACT NO. 72C02



LOCATION MAP
SCALE: 1" = 5000'

GROSS LENGTH OF SECTION = 190.00 FT = 0.036 MILES
NET LENGTH OF SECTION = 190.00 FT = 0.036 MILES

STEVE E. BANGE
062-053338
LICENSED PROFESSIONAL ENGINEER
ILLINOIS

Steve E. Bange 10/14/15
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-053338
LICENSE EXPIRES NOVEMBER 30, 2015

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	1
FED. ROAD DIST. NO. 6		ILLINOIS	CONTRACT NO. 72C02	

D-96-069-08



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 16, 2015
Roger A. Driskell, Jr.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 29, 2016
Maureen M. Addis, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29, 2016
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PLANS PREPARED BY:
KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
56 North 7th Street, Quincy, IL 62450
1458 Paris Grand Road, Normal, IL 62450
1416 North 1st Street, State St., Springfield, IL 62761
Internet Address: www.klingner.com

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SHEETS INDEX & GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-9	TYPICAL SECTIONS
10-11	SCHEDULE OF QUANTITIES
12	HORIZONTAL ALIGNMENT & CONTROL TIES
13-14	PLAN & PROFILE - FAU RTE 7810 (IL 96)
15	DETOUR PLAN
16	ROAD CLOSURE PLAN
17-18	SEWER PLAN & PROFILE
19-22	STRUCTURE PLANS - SN 001-2500
23	MISCELLANEOUS DETAILS
24-35	CROSS SECTIONS - FAU RTE 7810 (IL 96)

STANDARDS

STANDARD NOS.			
000001-06	602406-06	666001-01	701311-03
280001-07	602601-03	701001-02	701501-06
515001-03	602701-02	701006-05	701901-04
542301-03	604001-04	701011-04	780001-05
602401-03	664001-02	701301-04	781001-03
			BLR 21-9

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (PRIME COAT)	0.05 POUND / SQ FT (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.25 POUND / SQ FT (on aggregate)
SURFACE / BINDER (112 lbs)	0.056 TON / SQ YD • IN
SEEDING:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2.0 TON / ACRE
MULCH METHOD	PER MANUFACTURER

COMMITMENTS

1. FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
2. THE VISIBILITY OF THE BILLBOARD SIGNS THAT ARE CURRENTLY LOCATED ON THE SAID PARCEL WILL NOT BE OBSTRUCTED DURING THE CONSTRUCTION OF THIS PROJECT.
3. BACKSLOPES SHALL BE ADJUSTED AS NEEDED TO AVOID REMOVAL OF AND DAMAGE TO ARBORVITAE AS SHOWN IN THE DRAWINGS ON THE NORTH SIDE OF IL 96.

GENERAL NOTES

1. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
2. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION, WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED. THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
3. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
6. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
8. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
9. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	IL 96	IL 96
MIXTURE USE(S):	HMA BSE CSE	HMA SURF CSE
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70
MIXTURE COMPOSITION:	IL 19.0	IL 9.5
(GRADATION MIXTURE)	N/A	MIX "D"
FRICTION AGGREGATE	N/A	N/A
QUALITY	QA/QC	QA/QC
SUB-LOT SIZE	N/A	N/A

GENERAL NOTES

10. ANY EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
11. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
12. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
13. ACCESS TO ALL SIDEROADS AND ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
14. SHOULD THE CONTRACTOR REQUEST OLD/EXISTING STRUCTURE PLANS, THEY CAN CONTACT THE PROJECT ENGINEER OR TEAM ENGINEER AS SHOWN ON THE COVER SHEET.

DISTRICT SIX

EXAMINED September 11th 20 15
Ahu C. Nyanang
 OPERATIONS ENGINEER

EXAMINED September 14 20 15
Ron Chambers
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED September 15 20 15
Jeffrey P. Meyer
 PROGRAM DEVELOPMENT ENGINEER

FILE NAME: D:\BRT\144\B0224\WD_13 - IL 96 - Emma C - Culture\14400 - Sheets\062702-01 - General Notes.dwg



USER NAME: bob	DESIGNED - SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE: 1/8" = 1'-0"	CHECKED - EBB	REVISED -
PLOT DATE: 10/8/2015	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET INDEX & GENERAL NOTES

SCALE: none SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	2
FED. ROAD DIST. NO. 6				CONTRACT NO. 72C02
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\BRI\11182221\11182221.dwg 13 - 11.06.2015 10:00:00 User: J. C. Culbertson Date: 10/5/2015

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS # 6-00387-0000					
				80% FED 20% STATE ROADWAY 0004	80% FED 20% STATE STRUCTURE 0011	80% STATE 20% CITY SANITARY SEWER 0043			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60	60					
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0.5					
20200100	EARTH EXCAVATION	CU YD	525	525					
20800150	TRENCH BACKFILL	CU YD	176	12		164			
25000200	SEEDING, CLASS 2	ACRE	0.75	0.75					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63	63					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63	63					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63	63					
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.4	1.4					
25100115	MULCH, METHOD 2	ACRE	0.75	0.75					
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	175	175					
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	60	60					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150	150					
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40					

* - SEE SPECIAL PROVISIONS



USER NAME: jcb	DESIGNED: - SEB	REVISED: -
DRAWN: - SEB	CHECKED: - MCL	REVISED: -
DATE: - OCTOBER 5, 2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: none	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.

F.A.U. RTE. 781D	SECTION 11B-2	COUNTY ADAMS	TOTAL SHEETS 35	SHEET NO. 3
FED. ROAD DIST. NO. 6 [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 72C02

FILE NAME: G:\BBI\111\B214\13 - IL 96 Emerg Cr Culvert\15600_Sheet\15621602-jhr-Summary.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS * 6-00387-0000					
				80% FED 20% STATE ROADWAY 0004	80% FED 20% STATE STRUCTURE 0011	80% STATE 20% CITY SANITARY SEWER 0043			
28000400	PERIMETER EROSION BARRIER	FOOT	205	205					
28100107	STONE RIPRAP, CLASS A4	SQ YD	242	242					
28100109	STONE RIPRAP, CLASS A5	SQ YD	776	139	637				
28200200	FILTER FABRIC	SQ YD	1018	381	637				
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	757	757					
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	695	695					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2557	2557					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	77	77					
44000100	PAVEMENT REMOVAL	SQ YD	474	474					
44004250	PAVED SHOULDER REMOVAL	SQ YD	69	69					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	110	110					
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1				
50105220	PIPE CULVERT REMOVAL	FOOT	7	7					
50200100	STRUCTURE EXCAVATION	CU YD	2936		2936				

* - SEE SPECIAL PROVISIONS



USER NAME - seb	DESIGNED - SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE - 1/8"=1'-0"	CHECKED - MCL	REVISED -
PLOT DATE - 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: none SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTG.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	4
FED. ROAD DIST. NO. 6 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 72C02	

CONSTRUCTION CODE			
PPS # 6-00387-0000			
80% FED 20% STATE ROADWAY 0004	80% FED 20% STATE STRUCTURE 0011	80% STATE 20% CITY SANITARY SEWER 0043	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
51500100	NAME PLATES	EACH	1	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	
54011111	PRECAST CONCRETE BOX CULVERTS 11' X 11'	FOOT	330	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	
55101300	STORM SEWER REMOVAL 27"	FOOT	26	
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
63200310	GUARDRAIL REMOVAL	FOOT	565	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	11	
□ • 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4000	
□ • 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	
□ • 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	
67100100	MOBILIZATION	LSUM	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	

□ - SEE SPECIAL PROVISIONS □ SPECIALTY ITEM

FILE NAME: I:\PROJECTS\14013 - I-55 Exit 6 - Culvert\14013 - I-55 Exit 6 - Culvert\14013 - I-55 Exit 6 - Culvert.dgn

KLINGNER ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME: sub	DESIGNED - SEB	REVISED -
PLOT SCALE: 100/2000 / 1/4"	DRAWN - SEB	REVISED -
PLOT DATE: 10/6/2015	CHECKED - MCL	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: none	SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 7810	SECTION 11B-2	COUNTY ADAMS	TOTAL SHEETS 35	SHEET NO. 5
FED. ROAD DIST. NO. 6 (ILLINOIS) FED. AID PROJECT				

CONTRACT NO. 72C02

CONSTRUCTION CODE			
PPS # 6-00387-0000			
80% FED 20% STATE ROADWAY	80% FED 20% STATE STRUCTURE	80% STATE 20% CITY SANITARY SEWER	
0004	0011	0043	

CODE NO.	ITEM	UNIT	URBAN					
			TOTAL QUANTITY					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	8	8				
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	430	430				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3	3				
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1				
Z0016702	DETOUR SIGNING	LSUM	1	1				
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	1936	1936				
Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	390	390				
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	52	52				
Z0056900	SANITARY SEWER 8"	FOOT	124			124		
Z0057500	SANITARY SEWER 24"	FOOT	162			162		
X0301852	DEWATERING STRUCTURE NO. 1	EACH	1			1		
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1				
X0487700	SANITARY SEWER REMOVAL 10"	FOOT	2			2		

* - SEE SPECIAL PROVISIONS □ SPECIALTY ITEM

FILE NAME: D:\0815\14\N822\AN013... I:\B. Emery, C. Colburn\CA00 Sheets\0872702.dwg Summary.dwg



USER NAME : ead	DESIGNED - SEB	REVISED -
PLOT SCALE : 100,0000 / 1" = 100'	DRAWN - SEB	REVISED -
PLOT DATE : 10/6/2015	CHECKED - MCL	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: none SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	118-2	ADAMS	35	6
FED. ROAD DIST. NO. 6 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 72C02	

CONSTRUCTION CODE			
PPS # 6-00387-0000			
80% FED 20% STATE ROADWAY 0004	80% FED 20% STATE STRUCTURE 0011	80% STATE 20% CITY SANITARY SEWER 0043	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY			
X0840000	SANITARY SEWER REMOVAL 8"	FOOT	71			71
X6020399	CONNECTION TO EXISTING MANHOLE	EACH	1			1
X6022820	MANHOLES, SANITARY, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3			3
X6022830	MANHOLES, SANITARY, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	1			1
X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1			1
X7010222	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL)	LSUM	1	1		
X1200067	SANITARY SEWER REMOVAL 24"	FOOT	141			141
∅ Z0076600	TRAINEES	Hour	500		500	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500		500	

• - SEE SPECIAL PROVISIONS ∅ 0042

FILE NAME: G:\BRI\12\AR9022\AND 13 - 11.56 Engr. C. Culbert\11\067202-101-Summary.dgn

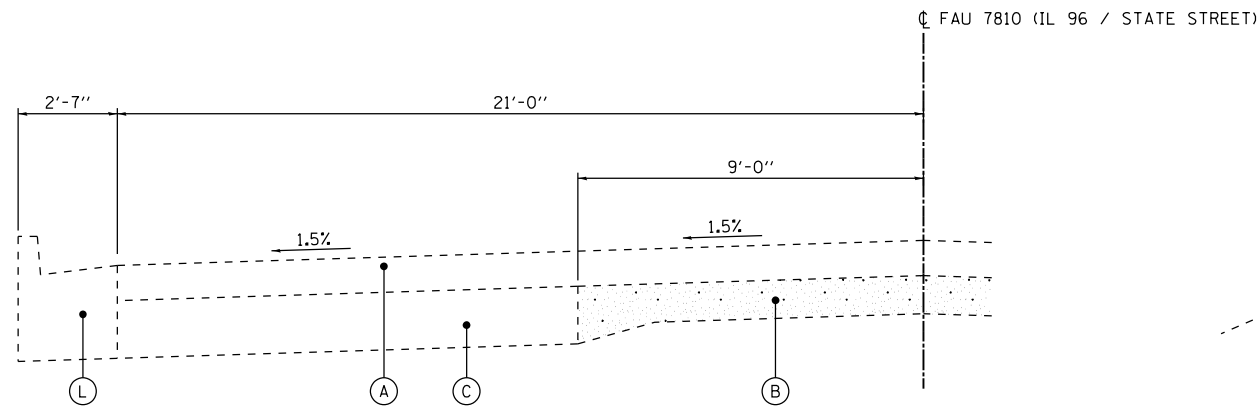


USER NAME: c_sab	DESIGNED: - SEB	REVISED: -
PLOT SCALE: 1/8"=1'-0"	DRAWN: - SEB	REVISED: -
PLOT DATE: 10/6/2015	CHECKED: - MCL	REVISED: -
	DATE: - OCTOBER 5, 2015	REVISED: -

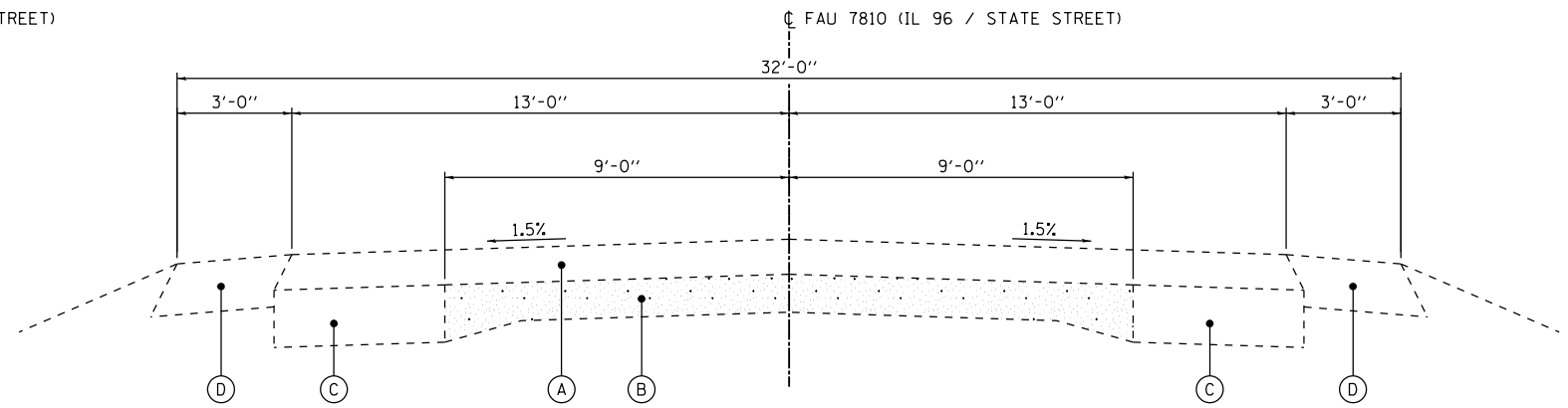
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: none	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.

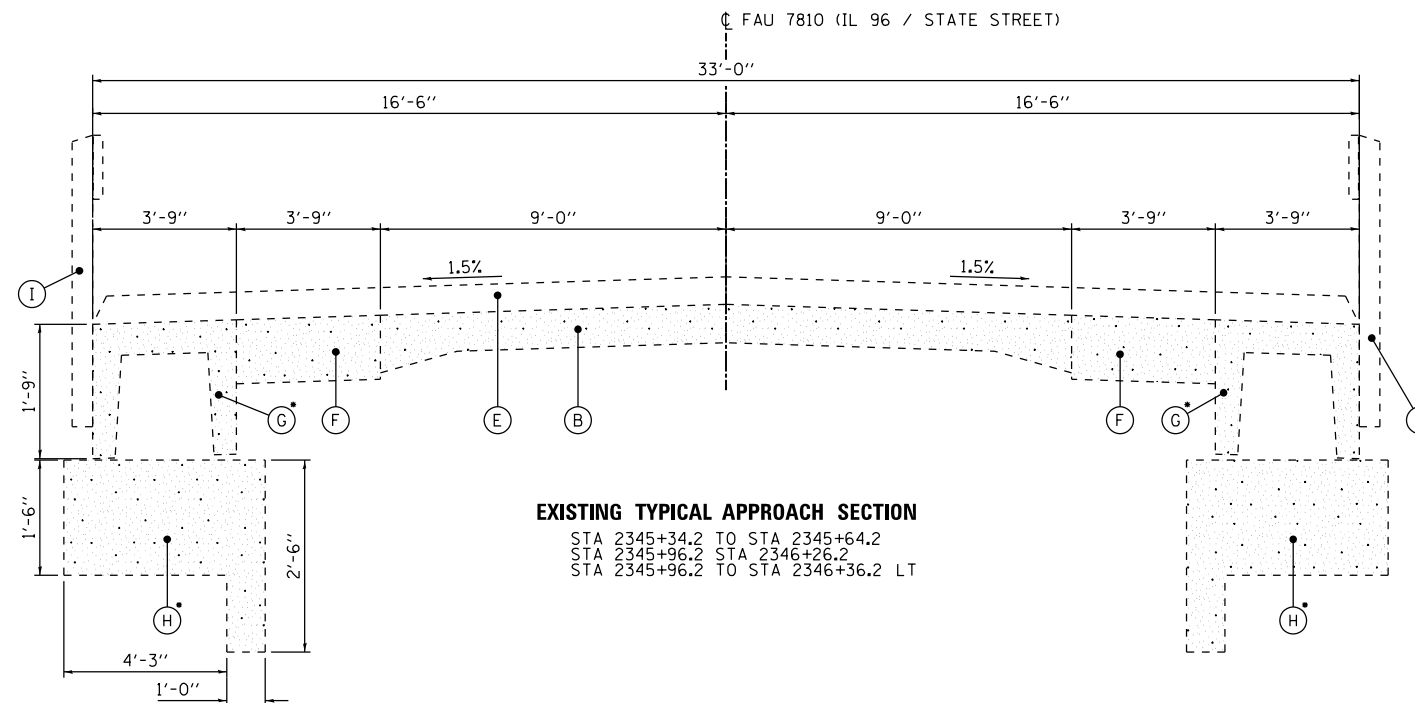
F.A.U. R.T.E. 7810	SECTION 11B-2	COUNTY ADAMS	TOTAL SHEETS 35	SHEET NO. 7
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT CONTRACT NO. 72C02				



EXISTING TYPICAL PAVEMENT SECTION
STA 2341+97.8 TO STA 2344+28.6 LT

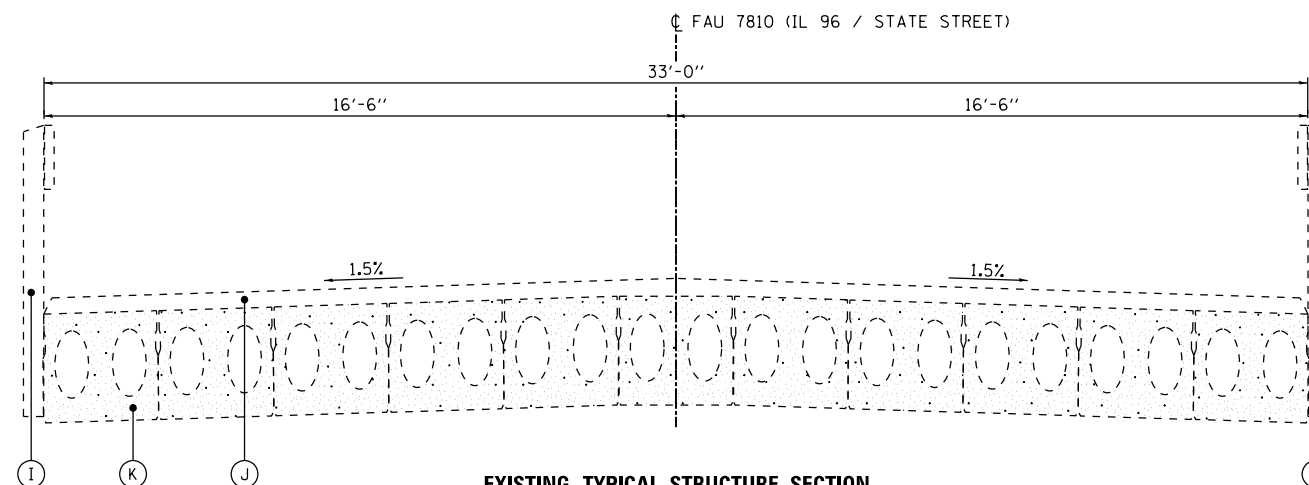


EXISTING TYPICAL PAVEMENT SECTION
STA 2341+97.8 TO STA 2344+28.6 RT
STA 2344+28.6 TO STA 2345+34.2
STA 2346+26.2 TO STA 2346+36.2 RT
STA 2346+36.2 TO STA 2348+40.0



EXISTING TYPICAL APPROACH SECTION
STA 2345+34.2 TO STA 2345+64.2
STA 2345+96.2 TO STA 2346+26.2
STA 2345+96.2 TO STA 2346+36.2 LT

- REMOVAL OF APPROACH STRUCTURES TO BE INCLUDED IN THE COST OF THE PAY ITEM FOR "STRUCTURE REMOVAL".



EXISTING TYPICAL STRUCTURE SECTION
STA 2345+64.2 TO STA 2345+96.2

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, 5 3/4"
- (B) EXISTING PCC PAVEMENT, 9"-6"-9"
- (C) EXISTING HMA BASE COURSE WIDENING, 9"
- (D) EXISTING HMA SHOULDERS, 8"
- (E) EXISTING HMA OVERLAY, VARIES
- (F) EXISTING PCC PAVEMENT, 10"
- (G) EXISTING PRECAST PCC APPROACH STRUCTURE*
- (H) EXISTING CAST-IN-PLACE PCC APPROACH STRUCTURE*
- (I) EXISTING STEEL RAILING TYPE S
- (J) EXISTING CONCRETE WEARING SURFACE, 5"
- (K) EXISTING 17" X 36" PRECAST PRESTRESSED CONCRETE BEAMS
- (L) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24

FILE NAME = D:\881\1111\888224\10_13 - IL 96 Emerg Cr-Culvert\CADD_Sheets\072602-1111-1111\1111.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - EBB	REVISED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: none SHEET NO. 1 OF 2 SHEETS STA. TO STA.

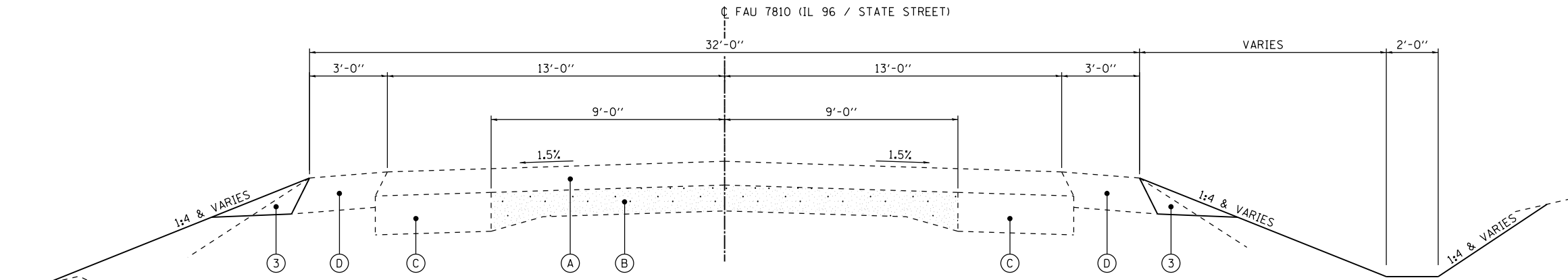
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	8
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, 5 3/4"
- (B) EXISTING PCC PAVEMENT, 9"-6"-9"
- (C) EXISTING HMA BASE COURSE WIDENING, 9"
- (D) EXISTING HMA SHOULDERS, 8"
- (E) EXISTING HMA OVERLAY, VARIES
- (F) EXISTING PCC PAVEMENT, 10"
- (G) EXISTING PRECAST PCC APPROACH STRUCTURE
- (H) EXISTING CAST-IN-PLACE PCC APPROACH STRUCTURE
- (I) EXISTING STEEL RAILING TYPE S
- (J) EXISTING CONCRETE WEARING SURFACE, 5"
- (K) EXISTING 17" X 36" PRECAST PRESTRESSED CONCRETE BEAMS
- (L) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24

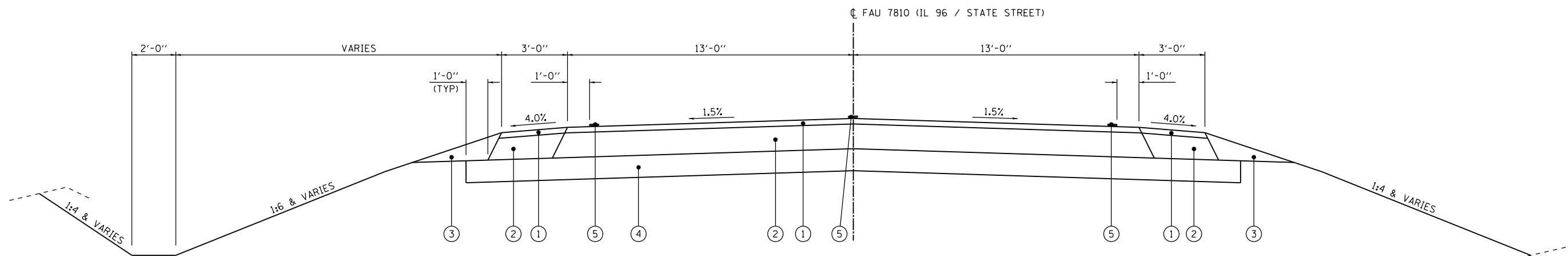
PROPOSED LEGEND

- (1) PROPOSED HOT-MIX ASPHALT SURFACE COURSE 2"
- (2) PROPOSED HOT-MIX ASPHALT BASE COURSE 9"
- (3) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (4) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (5) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"



PROPOSED TYPICAL PAVEMENT SECTION

STA 2343+80.0 TO STA 2344+50.0 RT
 STA 2346+40.0 TO STA 2347+30.0 RT
 STA 2346+40.0 TO STA 2347+40.0 LT



PROPOSED TYPICAL PAVEMENT SECTION

STA 2344+50.0 TO STA 2346+40.0

FILE NAME = D:\8811ms\888224\WG 13 - IL 96 Emerg Cr-Culvert\ACADD_Sheets\172625-Int-uptal.tbl.dgn



USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 5.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: none SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	9
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE

LOCATION	20100210		20100500	
	TREE REMOVAL (OVER 15 UNITS DIAMETER)		TREE REMOVAL	
	UNITS		ACRE	
FAU 7810 (IL 96)				
2343+75 TO 2344+80 RT			0.07	
2344+50 TO 2345+75 LT			0.06	
2345+19 TO 2347+27 RT			0.07	
2346+11 TO 2346+79 LT			0.08	
2349+20 23' LT	60			
TOTALS	60		0.27	
USE	60		0.5	

SEEDING SCHEDULE

LOCATION	25000200		25000400		25000500		25000600		25000700		25100115	
	SEEDING, CLASS 2		NITROGEN FERTILIZER NUNTRIENT		PHOSPHORUS FERTILIZER NUNTRIENT		POTASSIUM FERTILIZER NUNTRIENT		AGRICULTURAL GROUND LIMESTONE		MULCH, METHOD 2	
	ACRE		POUND		POUND		POUND		TON		ACRE	
FAU 7810 (IL 96)												
2343+75 TO 2347+30 RT	0.31		28.3		28.3		28.3		0.6		0.31	
2344+50 TO 2347+50 LT	0.38		34.2		34.2		34.2		0.8		0.38	
TOTALS	0.69		62.5		62.5		62.5		1.4		0.69	
USE	0.75		63		63		63		1.4		0.75	

GUARDRAIL REMOVAL SCHEDULE

LOCATION	63200310	
	GUARDRAIL REMOVAL	FOOT
FAU 7810 (IL 96)		
2344+57 TO 2345+64 LT	107	
2345+96 TO 2347+39 LT	143	
2343+82 TO 2345+64 RT	182	
2345+96 TO 2347+29 RT	133	
TOTALS	565	
USE	565	

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	SIDE	20200100		50200100		EMBANKMENT	EARTHWORK BALANCE
		EARTH EXCAVATION		STRUCTURE EXCAVATION			
		EARTH EXCAVATION ADJUSTED (25%)		CU YD			
FAU 7810 (IL 96)							
2343+80 2347+50	RT & LT	525	2936	2596	3786	1190	
TOTALS		525	2936	2596	3786	1190	
USE		525	2935				

EROSION CONTROL SCHEDULE

ITEM #	DESCRIPTION	UNIT	TOTAL
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	175
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	60
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
28000305	TEMPORARY DITCH CHECKS	FOOT	40
28000400	PERIMETER EROSION BARRIER	FOOT	205

THE SCHEDULE FOR EROSION CONTROL IS AN ESTIMATED QUANTITY. IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

TEMPORARY CONSTRUCTION FENCE SCHEDULE

LOCATION	Z0055905	
	TEMPORARY CONSTRUCTION FENCE	FOOT
FAU 7810 (IL 96)		
2344+26 TO 2346+25 LT	225	
2346+40 TO 2347+55 LT	165	
TOTALS	390	
USE	390	

RIPRAP SCHEDULE

LOCATION	28100107		28100109		28200200	
	STONE RIPRAP, CLASS A4		STONE RIPRAP, CLASS A5		FILTER FABRIC	
	SQ YD		SQ YD		SQ YD	
FAU 7810 (IL 96)						
2345+25 TO 2345+60 LT	59.2				59.2	
2344+50 TO 2344+77 RT			138.6		138.6	
2344+77 TO 2345+55 RT			322.0		322.0	
2345+53 TO 2347+25 RT	182.4				182.4	
2345+57 TO 2346+45 LT			315.1		315.1	
TOTALS	241.6		775.7		775.7	
USE	242		776		1018	

PAVEMENT REMOVAL SCHEDULE

LOCATION	44000100		44004250	
	PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL	
	SQ YD		SQ YD	
FAU 7810 (IL 96)				
2344+50.0 TO 2345+34.2 RT	126.3		31.2	
2344+50.0 TO 2345+34.2 LT	126.3		31.2	
2345+34.2 TO 2345+64.2 RT	45.0			
2345+34.2 TO 2345+64.2 LT	45.0			
2345+96.2 TO 2346+26.2 RT	45.0			
2345+96.2 TO 2346+36.2 LT	60.0			
2346+26.2 TO 2346+40.0 RT	20.7		5.1	
2346+36.2 TO 2346+40.0 LT	5.7		1.4	
TOTALS	474.0		68.8	
USE	474		69	

ROW MARKER SCHEDULE

LOCATION	66600105	
	FURNISHING & ERECTING ROW MARKERS	EACH
FAU 7810 (IL 96)		
2343+75.00 32.12' RT	1	
2343+75.00 40.00' RT	1	
2344+50.00 35.52' LT	1	
2344+75.00 100.00' RT	1	
2345+63.42 100.00' RT	1	
2346+00.00 105.00' LT	1	
2346+00.00 60.00' RT	1	
2346+50.00 105.00' LT	1	
2346+50.00 35.81' LT	1	
2347+27.25 31.48' RT	1	
2347+27.50 40.00' RT	1	
TOTALS	11	
USE	11	

ALL MARKERS SHALL BE INSTALLED PER METHOD B

PAVING SCHEDULE

LOCATION	31100700		35501320		40600275		40603340	
	SUBBASE GRANULAR MAT., TY A, 8"		HMA BASE COURSE, 9"		BITUMINOUS MATERIALS (PRIME COAT)		HMA SURFACE COURSE, MIX "D", N70	
	SQ YD		SQ YD		POUND		TON	
FAU 7810 (IL 96)								
2344+50 TO 2346+40 LT	378.2		347.5		1278.5		38.1	
2344+50 TO 2346+40 RT	378.2		347.5		1278.5		38.1	
TOTALS	756.4		695.0		2557.0		76.2	
USE	757		695		2557		77	

AGGREGATE SHOULDER SCHEDULE

LOCATION	48101200	
	AGGREGATE SHOULDERS, TYPE B	TON
FAU 7810 (IL 96)		
2343+80 TO 2344+50 RT	12.0	
2344+50 TO 2346+40 RT	32.5	
2344+50 TO 2346+40 LT	32.5	
2346+40 TO 2347+30 RT	15.4	
2346+40 TO 2347+40 LT	17.1	
TOTALS	109.3	
USE	110	

FILE NAME = D:\081\1ms\080224\WD_13 - IL96_Emerg Cr-Culvert\ACADD_Sheets\0672C02-ant-Schedule.dgn



USER NAME = seb	DESIGNED - SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MCL	REVISED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: none SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	10
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

SEWER REMOVAL SCHEDULE

LOCATION	PLAN LABEL	50105220	55101300	X0322936	X0487700	X0840000	X6026054				
		PIPE CULVERT REMOVAL	STORM SEWER REMOVAL, 27"	REMOVE EX FLARED END SECTION	SANITARY SEWER REMOVAL 10"	SANITARY SEWER REMOVAL 8"	SANITARY SEWER REMOVAL 24"	SANITARY MANHOLES TO BE REMOVED			
		FOOT	FOOT	EACH	FOOT	FOOT	FOOT	EACH			
FAU 7810 (IL 96)											
2344+53 TO 2345+18	2344+79 TO 2345+89	LT	SR1	A							
2345+70	30.0'	RT									
2345+72 TO 2345+73	2345+73	RT	S5			2					
2345+73 TO 2345+89	2345+89	LT & RT	SR2				65				
2345+89	28.8'	LT	SR3					1			
2345+89 TO 2346+10	2346+10	LT	SR4				76				
TOTALS					7	26	1	2	71	141	1
USE					7	26	1	2	71	141	1

PAVEMENT MARKING SCHEDULE

LOCATION	78000300		78100100
	THERMOPLASTIC PAVEMENT MARKING - LINE 5"		RAISED REF PVMT MARKER
	WHITE	YELLOW	2-WAY AMBER
FAU 7810 (IL 96)			
2344+50 TO 2346+40			
	LT	190	
	RT	190	
	CL		50
		380	50
TOTALS		430	3
USE		430	3

STORM SEWER SCHEDULE

LOCATION	PLAN LABEL	60223800	54213675	Z0056620
		MH, TY A, 6' Ø, TY 1 FR, CLSD LID	PRECAST REINF CONC END SECT 30"	STORM SEWERS (WWR) 30"
		EACH	EACH	FOOT
FAU 7810 (IL 96)				
2344+56	24' LT	A	1	
2344+56	LT & RT	B		52
TOTALS			1	52
USE			1	52

TRENCH BACKFILL SCHEDULE

LOCATION	PLAN LABEL	20800150	
		TRENCH BACKFILL	
		CU YD	
FAU 7810 (IL 96)			
2344+56	LT & RT	B	11.8
2345+74 TO 2346+44	LT & RT	S6	163.4
TOTALS			175.2
USE			176

SANITARY SEWER SCHEDULE

LOCATION	PLAN LABEL	X6020399	X6022820	X6022830	X6026056	Z0056900	Z0057500	
		CONNECTION TO EX MANHOLE	MH, SANITARY, 5' Ø, TY 1 FR CLSD LID	MH, SANITARY, 6' Ø, TY 1 FR CLSD LID	SAN MH ADJ W/ NEW TY 1 FR CLSD LID	SANITARY SEWER 8"	SANITARY SEWER 24"	
		EACH	EACH	EACH	EACH	FOOT	FOOT	
FAU 7810 (IL 96)								
2345+18	29.0' LT	S1	1		1			
2345+18	29.0' TO 60.0' LT	S2				27		
2345+19	60.0' LT	S3	1					
2345+20 TO 2346+08	LT	S4				97		
2345+73	31.9' RT	S5	1					
2345+74 TO 2346+44	LT & RT	S6					120	
2346+10	102.0' LT	S9		1				
2346+43 TO 2346+12	LT	S8					42	
2346+45	70.0' LT	S7	1					
TOTALS			1	3	1	1	124	162
USE			1	3	1	1	124	162

FILE NAME = D:\881\1111\88224\WG_13 - IL96_Emerg_Cr_Culvert\CADD_Sheets\0672C02-shr_Schedule.tbl.dgn



USER NAME = seb
 PLOT SCALE = 100.0000' / 1" = 100
 PLOT DATE = 10/6/2015

DESIGNED - SEB
 DRAWN - SEB
 CHECKED - MCL
 DATE - OCTOBER 5, 2015

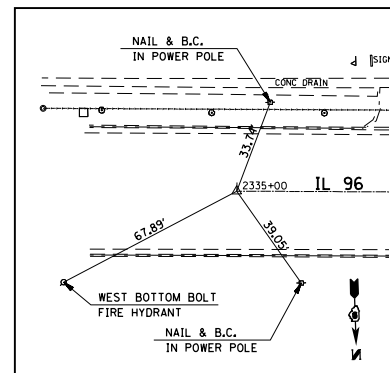
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

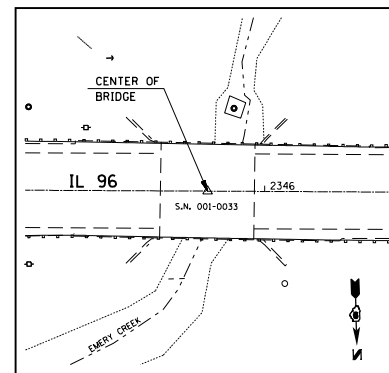
SCHEDULE OF QUANTITIES

SCALE: none SHEET NO. 2 OF 2 SHEETS STA. TO STA.

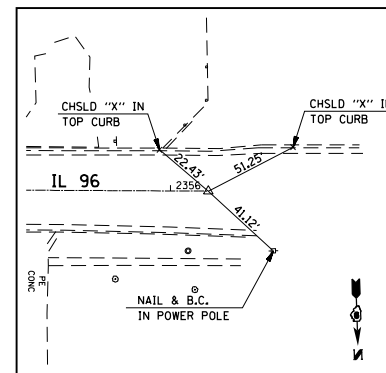
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	11
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



P.O.T. STA. 2335+00.00
(SET P.K. NAIL & B.C. IN CHSLD "X")

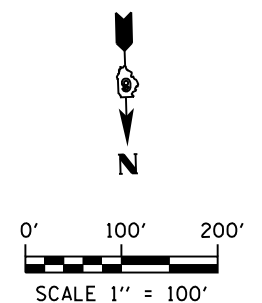
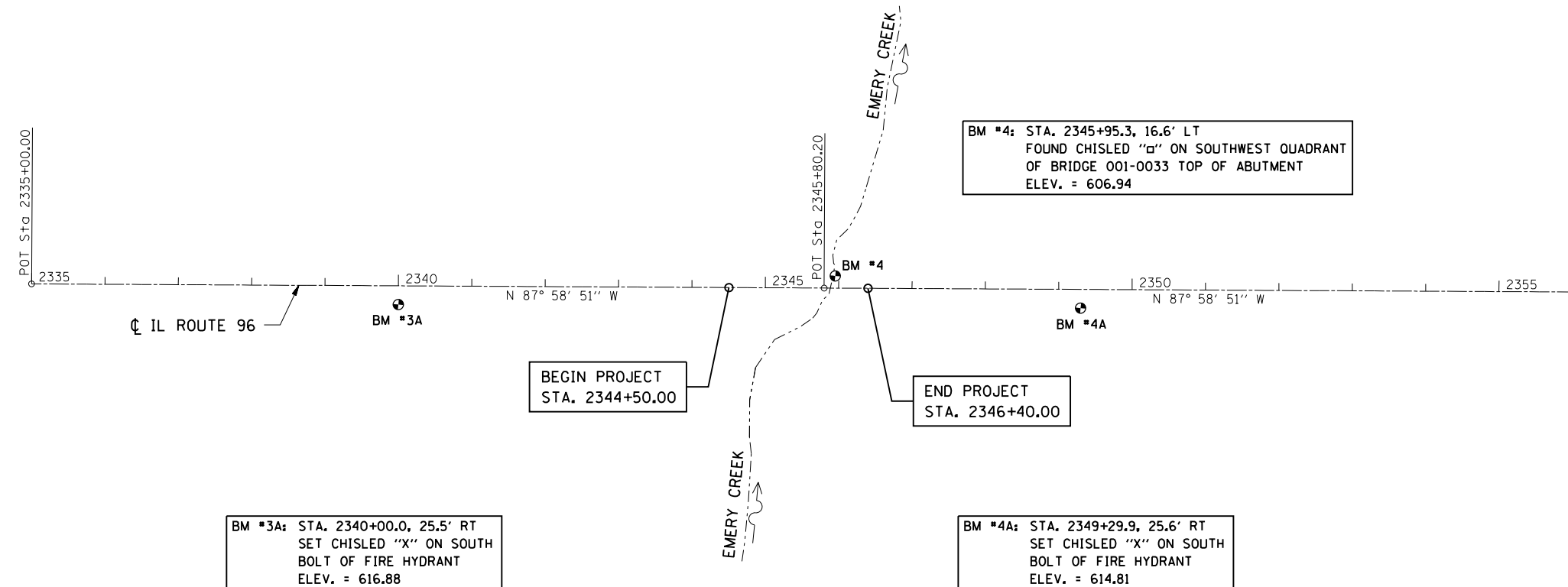


P.O.T. STA. 2345+80.20
(SET STAR DRILL IN CHSLD "X")



P.O.T. STA. 2356+13.20
(SET P.K. NAIL IN CHSLD "X")

ALIGNMENT COORDINATES - IL 96			
	STATION	N	E
POT	2335+00.00	1,189,195.5631	1,959,561.6138
POT	2345+80.20	1,189,233.6237	1,958,482.0846
POT	2356+13.20	1,189,270.0211	1,957,449.7260



FILE NAME = D:\881\1111\980224\WG 13 - IL 96 Emery Cr - Culvert\ACADD Sheets\0672C02-sh1-011p.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED -	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/6/2015	CHECKED -	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL ALIGNMENT AND CONTROL TIES
BENCHMARK DATA

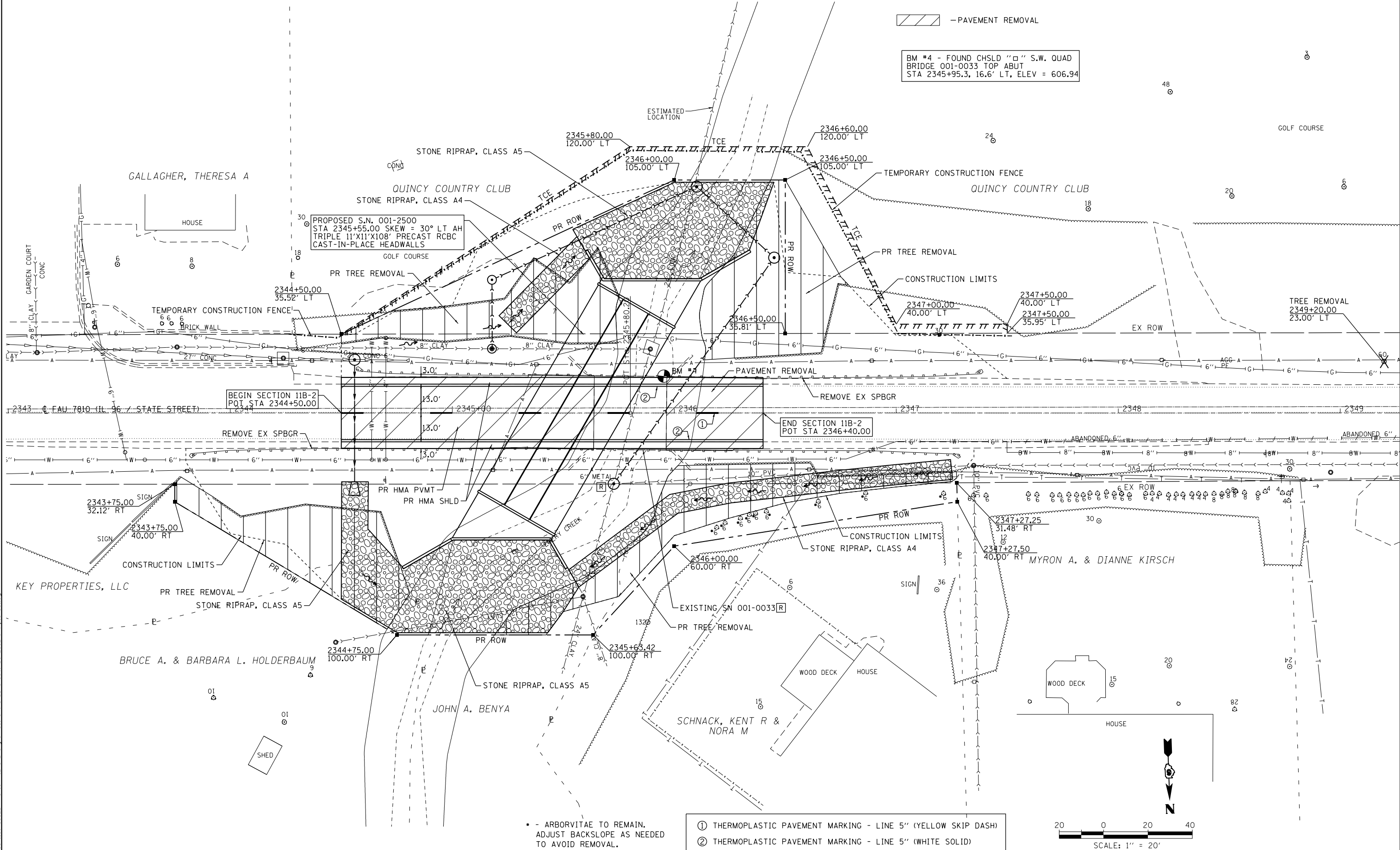
SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. 2335+00 TO STA. 2356+13.2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	12
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

□ □ □ □ - TREE REMOVAL

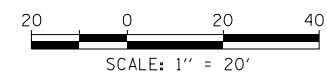
▨ ▨ ▨ ▨ - PAVEMENT REMOVAL

BM #4 - FOUND CHSLD "□" S.W. QUAD
BRIDGE 001-0033 TOP ABUT
STA 2345+95.3, 16.6' LT, ELEV = 606.94



• - ARBORVITAE TO REMAIN.
ADJUST BACKSLOPE AS NEEDED
TO AVOID REMOVAL.

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP DASH)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE SOLID)



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAU 7810 (IL 96 /STATE STREET) PLAN

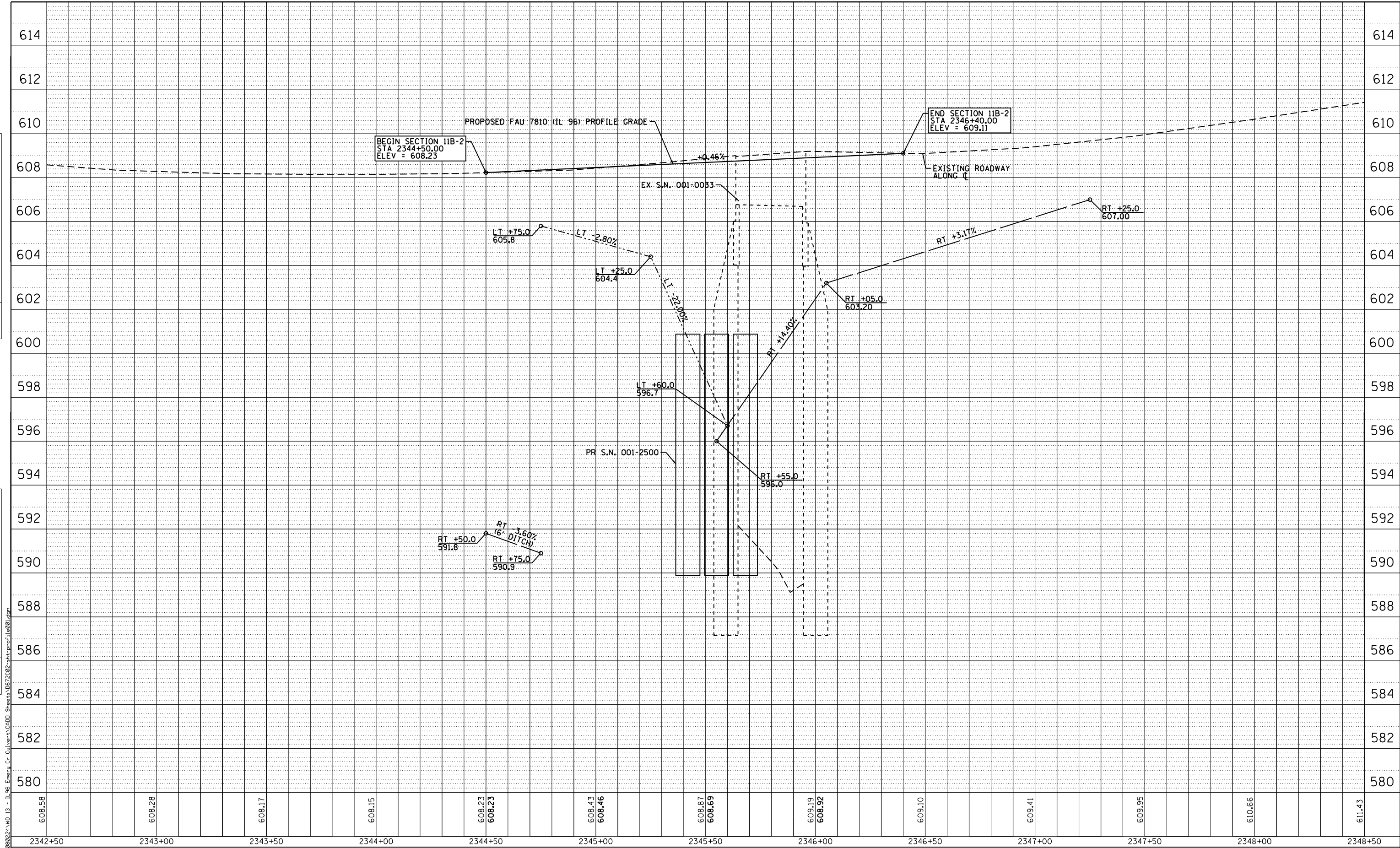
SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 2342+50 TO STA. 2348+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	13
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

FILE NAME = D:\881\11a\988224\WG_13 - IL96_Emerg_Cr_Culvert\1\CADD_Sheet\11B72C02-1ht-plan-081.dgn

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	



608.58	608.28	608.17	608.15	608.23	608.23	608.43	608.46	608.87	608.69	609.19	608.92	609.10	609.41	609.95	610.66	611.43
2342+50	2343+00	2343+50	2344+00	2344+50	2345+00	2345+00	2345+00	2345+50	2346+00	2346+00	2346+50	2347+00	2347+50	2348+00	2348+50	

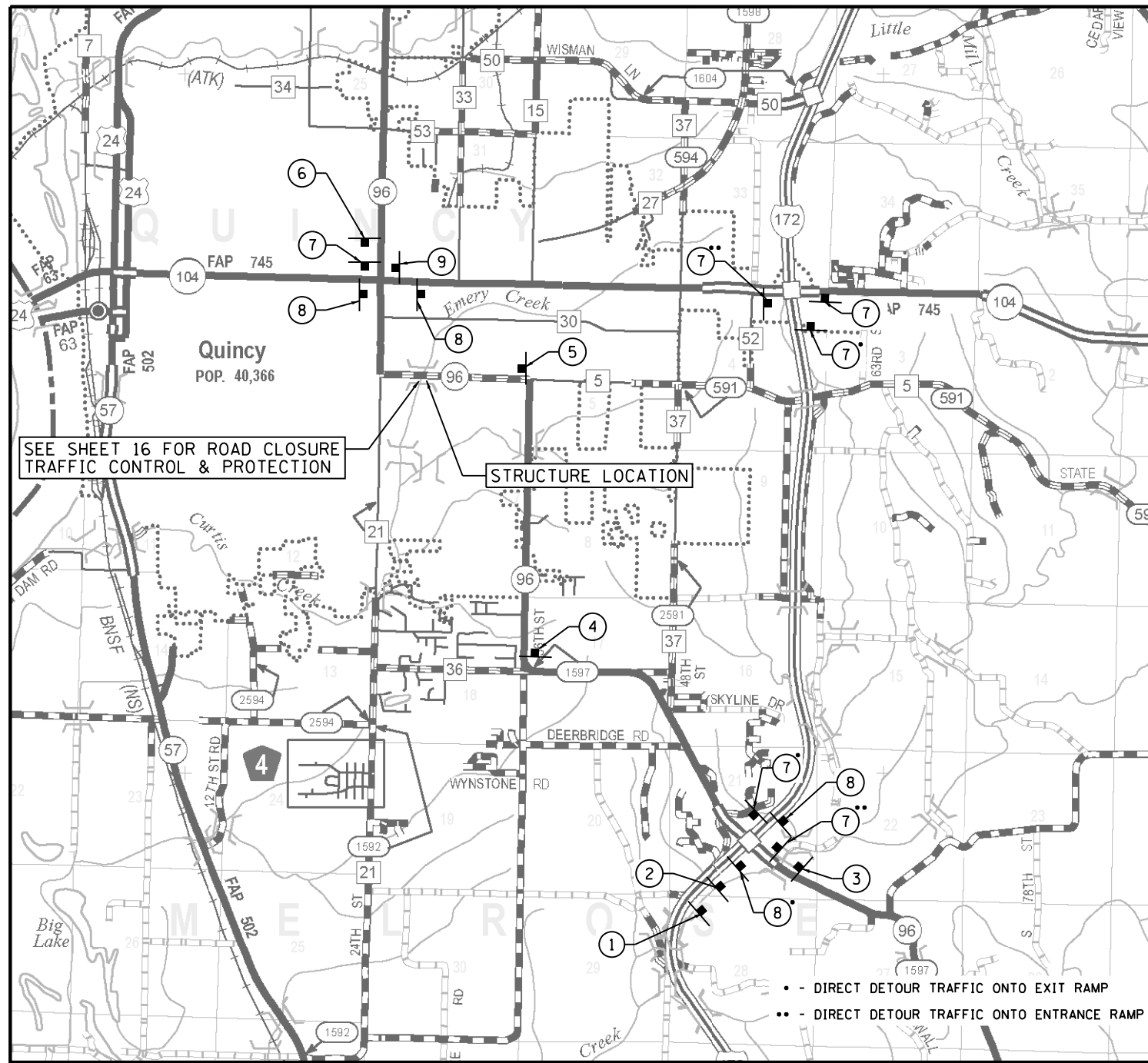
KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - EBB	REVISED -
PLOT DATE = 10/6/2015	DRAWN - SEB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. 2342+50 TO STA. 2348+50
---------------	-------------------------	------------------------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	14
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEE SHEET 16 FOR ROAD CLOSURE TRAFFIC CONTROL & PROTECTION

STRUCTURE LOCATION

- - DIRECT DETOUR TRAFFIC ONTO EXIT RAMP
 .. DIRECT DETOUR TRAFFIC ONTO ENTRANCE RAMP

GENERAL NOTES

- 1) FLAGS SHALL BE USED AT EACH DETOUR SIGN LOCATION.
- 2) SEE SHEET 16 FOR DETAILS OF ROAD CLOSURE AT THE IMMEDIATE VICINITY OF THE EMERY CREEK STRUCTURE.
- 3) ALL SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- 4) THE LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 5) ALL SIGNS SHALL BE REMOVED WHEN NOT REQUIRED FOR FUTURE USE.
- 6) FURNISHING, ERECTING, MAINTAINING, AND REMOVAL OF THE SIGNS SHOWN SHALL BE PAID FOR ACCORDING TO THE CONTRACT UNIT COST PER LUMP SUM FOR "DETOUR SIGNING".
- 7) THE EXACT LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE APPROVED BY THE ENGINEER.
- 8) IF SIGNS ARE NOT IN USE THEY SHALL BE COVERED.
- 9) PRIOR TO THE CLOSURE OF IL 96, THE CONTRACTOR SHALL NOTIFY THE LOCAL EMERGENCY SERVICES, CITY OF QUINCY, US POSTAL SERVICE, COMMUNITY UNIT SCHOOL DISTRICT NO. 172, AND ADAMS COUNTY ENGINEER.

CITY OF QUINCY ENGINEER:

MR. JEFFREY CONTE, P.E.
 730 MAINE STREET
 QUINCY, IL 62301

FAX: 217-228-4527
 PHONE: 217-228-4527
 MOBILE: 217-228-4527
 E-MAIL: ENGINEERING@QUINCYIL.GOV

ADAMS COUNTY ENGINEER:

MR. JAMES FRANKENHOFF, P.E.
 101 NORTH 54TH STREET
 QUINCY, IL 62305

FAX: 217-223-9418
 PHONE: 217-223-0614
 MOBILE: 217-223-0614
 E-MAIL: ACHD@ADAMS.NET

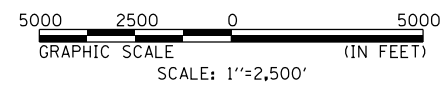
COMMUNITY UNIT SCHOOL DISTRICT NO. 172 (QUINCY):

DIRECTOR OF TRANSPORTATION
 SHANE BARNES
 121 NORTH 20TH
 QUINCY, IL 62301

FAX: 217-224-5910
 PHONE: 217-224-5910
 MOBILE: 217-224-5910
 E-MAIL: 217-224-5910

SIGNAGE LEGEND

- | | | | |
|---|---|---|---|
| ① R11-3(O) - 60"x45"
LOCATED LT & RT OF NB LANES
2 EACH
IL 96 CLOSED
5 MILES NORTH
OF I-172/IL 96 | ③ R11-3(O) - 60"x30"
1 EACH
IL 96 CLOSED
5 MILES AHEAD | ⑤ R11-3(O) - 60"x30"
1 EACH
IL 96 CLOSED
0.7 MILES AHEAD | ⑦ M4-8(O) - 24"x24" WITH
M6-1(O) - 21"x15"
6 EACH
DETOUR
IL 96
OR
DETOUR
IL 96 |
| ② R11-3(O) - 60"x30"
LOCATED LT & RT OF NB LANES
2 EACH
IL 96 CLOSED
5 MILES NORTH | ④ R11-3(O) - 60"x30"
1 EACH
IL 96 CLOSED
2.7 MILES AHEAD | ⑥ R11-3(O) - 60"x30"
1 EACH
IL 96 CLOSED
0.9 MILES AHEAD | ⑧ M4-8(O) - 24"x24" WITH
M6-1(O) - 21"x15"
4 EACH
DETOUR
IL 96
↑
DETOUR
IL 96
↓ |
| | | | ⑨ M4-8(O) - 24"x24" WITH
M4-6(O) - 24"x12"
1 EACH
DETOUR
IL 96
↑
END |



FILE NAME: D:\881\1111\988224\10_13 - IL 96 Emery Cr. Culvert\1\COOD_Sheet\1111\988224-1111-Detour.dgn

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED -	REVISED -
PLOT SCALE = 5000.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/6/2015	CHECKED -	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN

SCALE: 1"=2500' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	15
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

SIGNAGE LEGEND

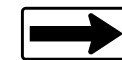
(A) W20-3(O) - 48"x48"
WITH STEADY BURNING BI-DIRECTIONAL LIGHTS
4 EACH



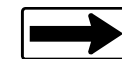
(B) W20-3(O) - 48"x48"
WITH STEADY BURNING BI-DIRECTIONAL LIGHTS
2 EACH



(C) R11-3(O) - 60"x30" WITH
M6-1(O) - 21"x15"
1 EACH



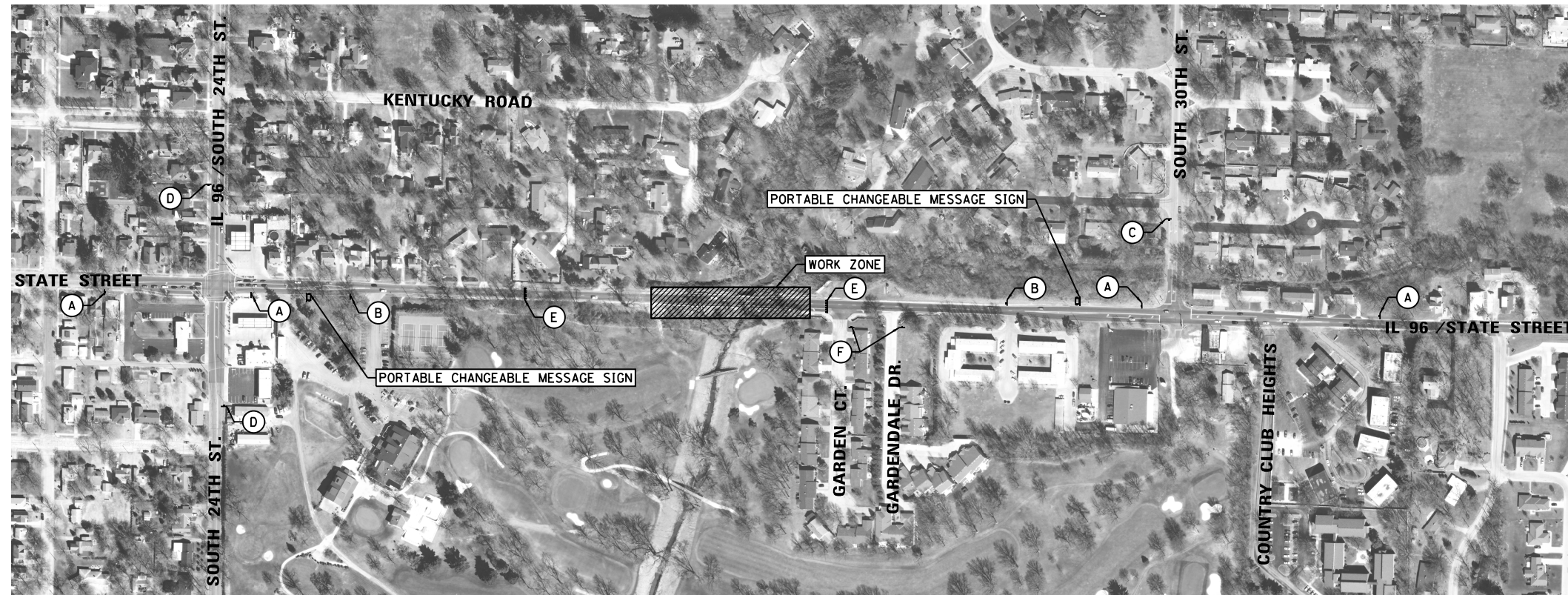
(D) R11-3(O) - 60"x30" WITH
M6-1(O) - 21"x15"
2 EACH



(E) TYPE III BARRICADES WITH
R11-2(W) - 48"x30" AND FLASHING BI-DIRECTIONAL LIGHTS
6 EACH

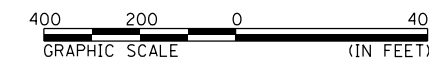
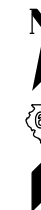


(F) W20-1103(O) - 48"x48"
WITH STEADY BURNING BI-DIRECTIONAL LIGHTS
2 EACH



GENERAL NOTES

- 1) ALL SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- 2) THE LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3) THE LOCATION OF THE CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. MESSAGES SHALL INDICATE START DATE OF CONSTRUCTION ACTIVITIES AND ROAD CLOSURE. EACH SIGN MAY BE RELOCATED AS DIRECTED BY THE ENGINEER UP TO THREE TIMES DURING THE CONTRACT PERIOD. COST OF THE RELOCATION WILL BE INCLUDED IN THE UNIT PRICE FOR "CHANGEABLE MESSAGE SIGNS".
- 4) TRAFFIC CONTROL AND PROTECTION SHOWN ON THIS SHEET OTHER THAN THE CHANGEABLE MESSAGE SIGN SHALL BE PAID FOR ACCORDING TO THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL)".
- 5) SEE SHEET 15 FOR ADDITIONAL INFORMATION AND DETOUR SIGNAGE.



FILE NAME = D:\08\1111\080224\WG_13 - IL96_Emercy Cr-Culiver\ACADD_Sheets\110672C02-shr-StaTraffic.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 400.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION
STANDARD BLR 21 (SPECIAL)

SCALE: 1"=200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	16
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

[A] STA 2344+56.0 24.0' LT
 REMOVE EXIST FLARED END SECTION, 1 EACH
 REMOVE EXIST STORM SEWER, 26'
 CONNECT EXIST STORM SEWER INTO MH
 MH, TY A, 6'-DIAMETER, TY 1 FR, CLSD LID, 1 EACH
 FLAT SLAB TOP
 TOP LID EL = 607.10
 INV (E) = 602.70 (MATCH EX)
 INV (N) = 602.50

[B] STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH, 52'
 USFL = 602.50 (+56.0, 21.0' LT)
 DSFL = 601.40 (+56.0, 31.0' RT)
 TRENCH BACKFILL = 11.8 CY
 PRECAST REINF CONC END SECTION 30", 1 EACH

[S1] STA 2345+17.9 29.0' LT
 SANITARY MANHOLES TO BE ADJUSTED WITH
 NEW TYPE 1 FRAME, CLOSED LID, 1 EACH
 TOP OF LID = 606.76
 CONNECTION TO EXISTING MANHOLE, 1 EACH

[S2] SANITARY SEWER 8", 27'
 USFL = 592.15 (+17.9 31.0' LT)
 DSFL = 591.90 (+17.9 57.5' LT)
 SLOPE = 0.9%

[S3] STA 2345+17.9 60.0' LT
 MANHOLES, SANITARY, 5'-DIAMETER,
 TYPE 1 FRAME, CLOSED LID, 1 EACH
 TOP OF LID = 604.80
 INV (N) = 591.90
 INV (SW) = 591.80

[S4] SANITARY SEWER 8", 97'
 USFL = 591.80 (+17.9 60.8' LT)
 DSFL = 586.40 (+07.8 101.0' LT)
 SLOPE = 5.6%

[S5] STA 2345+72.7 31.9' RT
 REMOVE EXIST SAN SEWER 10", 2'
 CONNECT EXIST SAN SEWER INTO MH
 MANHOLES, SANITARY, 5'-DIAMETER,
 TYPE 1 FRAME, CLOSED LID, 1 EACH
 TOP OF LID = 605.40
 INV (N, W, & S) = 586.80 (MATCH EX)

[S6] SANITARY SEWER 24", 120'
 USFL = 586.80 (+74.2 29.9' RT)
 DSFL = 586.60 (+43.6 68.0' LT)
 SLOPE = 0.2%
 TRENCH BACKFILL, 163.4 CY

[S7] STA 2346+45.0 70.0' LT
 MANHOLES, SANITARY, 5'-DIAMETER,
 TYPE 1 FRAME, CLOSED LID, 1 EACH
 TOP OF LID = 602.00
 INV (NE) = 586.60
 INV (SE) = 586.50

[S8] SANITARY SEWER 24", 42'
 USFL = 586.50 (+43.2 71.7' LT)
 DSFL = 586.40 (+11.9 100.3' LT)
 SLOPE = 0.2%

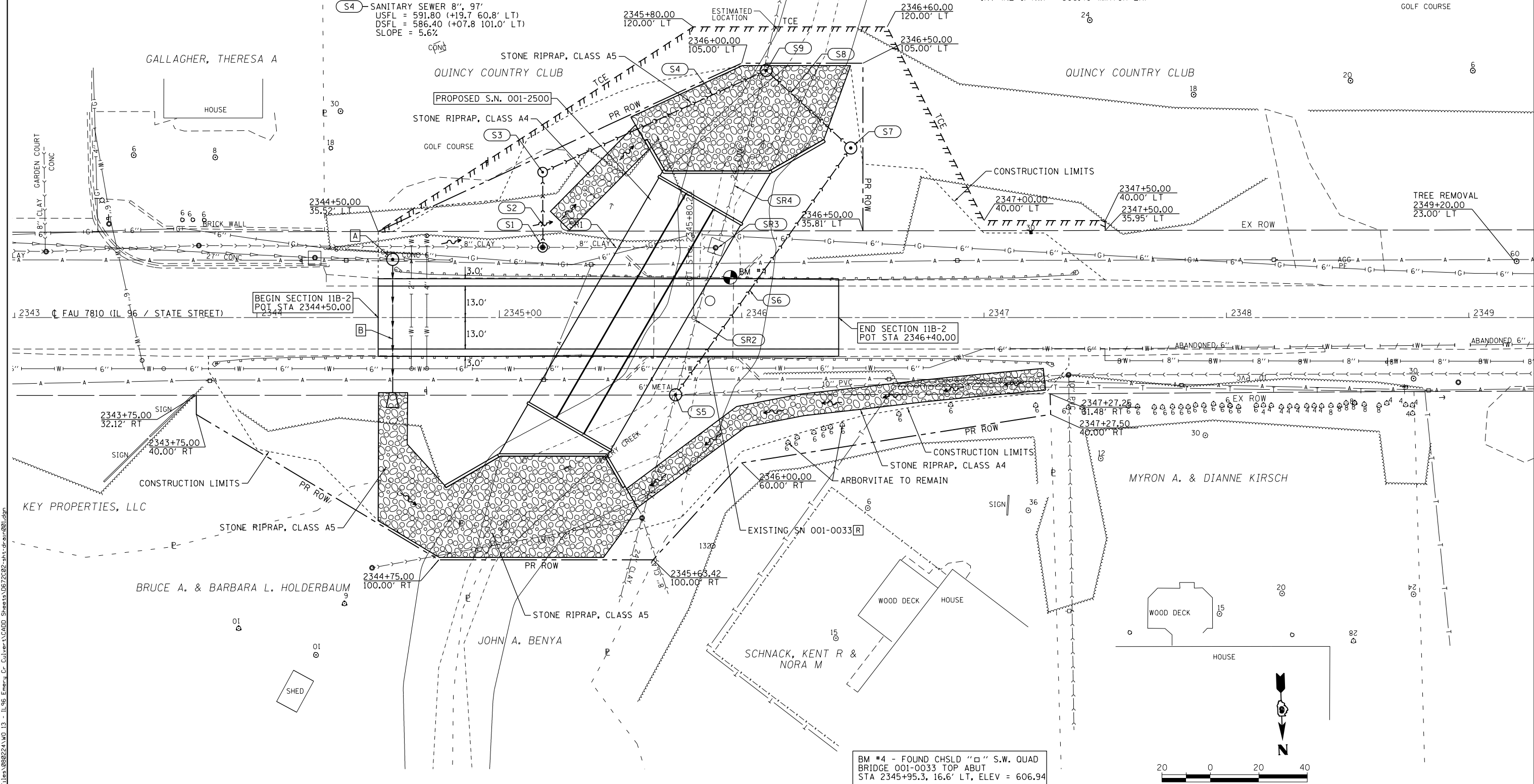
[S9] STA 2346+10.0 102.0' LT
 (EXISTING SEWER LOCATION NOT FIELD VERIFIED)
 MANHOLES, SANITARY, 6'-DIAMETER,
 TYPE 1 FRAME, CLOSED LID, 1 EACH
 TOP OF LID = 594.00
 INV (NE & NW) = 586.40 (MATCH EX)

[SR1] STA 2345+53.6 LT
 SANITARY SEWER REMOVAL 8", 71'

[SR2] STA 2345+81.0 LT & RT
 SANITARY SEWER REMOVAL 24", 65'

[SR3] STA 2345+89.2 28.8' LT
 SANITARY MANHOLE TO BE REMOVED, 1 EACH

[SR4] STA 2345+99.7 LT
 SANITARY SEWER REMOVAL 24", 76'



BM #4 - FOUND CHSLD "□" S.W. QUAD
 BRIDGE 001-0033 TOP ABUT
 STA 2345+95.3, 16.6' LT, ELEV = 606.94

FILE NAME = Q:\881\1118\88224\WD_13 - IL96_Emerg Cr-Culvert\1\0672C02-shr-drawn.dwg

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

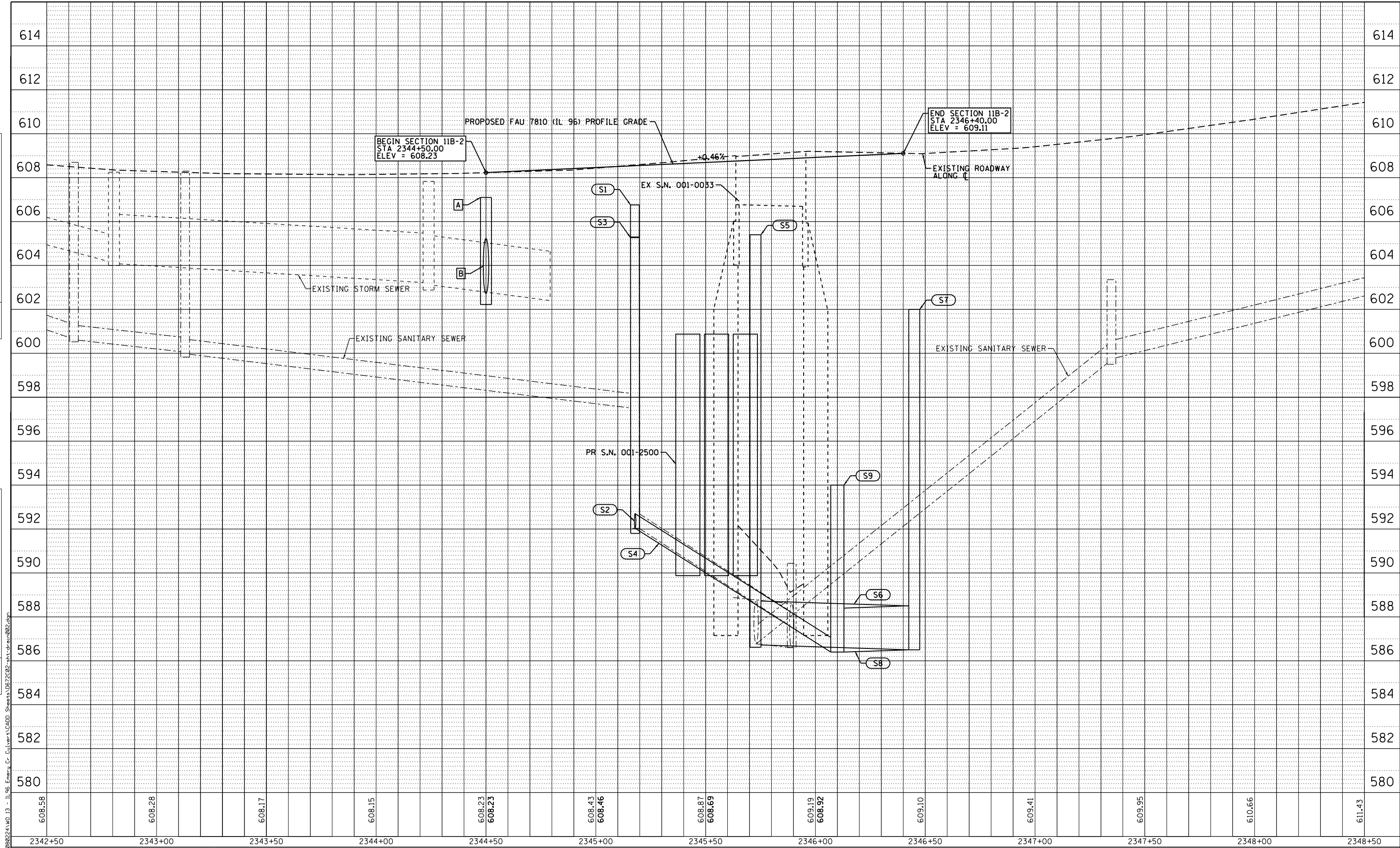
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAU 7810 (IL 96 / STATE STREET)	
SEWER PLAN	
SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS STA. 2342+50 TO STA. 2348+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	17
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CARD FILE NAME	



608.58	608.28	608.17	608.15	608.23 608.23	608.43 608.46	608.87 608.69	609.19 608.92	609.10	609.41	609.95	610.66	611.43
2342+50	2343+00	2343+50	2344+00	2344+50	2345+00	2345+50	2346+00	2346+50	2347+00	2347+50	2348+00	2348+50

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
	CHECKED - EBB	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 7810 (IL 96 / STATE STREET)
SEWER PROFILES
SCALE: 1"=20'
SHEET NO. 2 OF 2 SHEETS
STA. 2342+50 TO STA. 2348+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	18
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = G:\0811\11a\082241.WD 13 - IL 96 - Emergency - Culvert\CADD Sheets\0672C02 - sht.dwg 10/6/2015

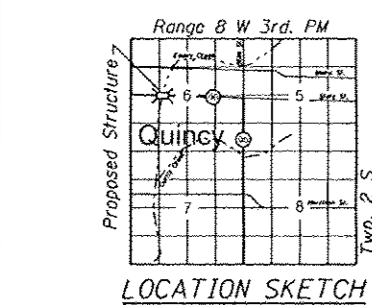
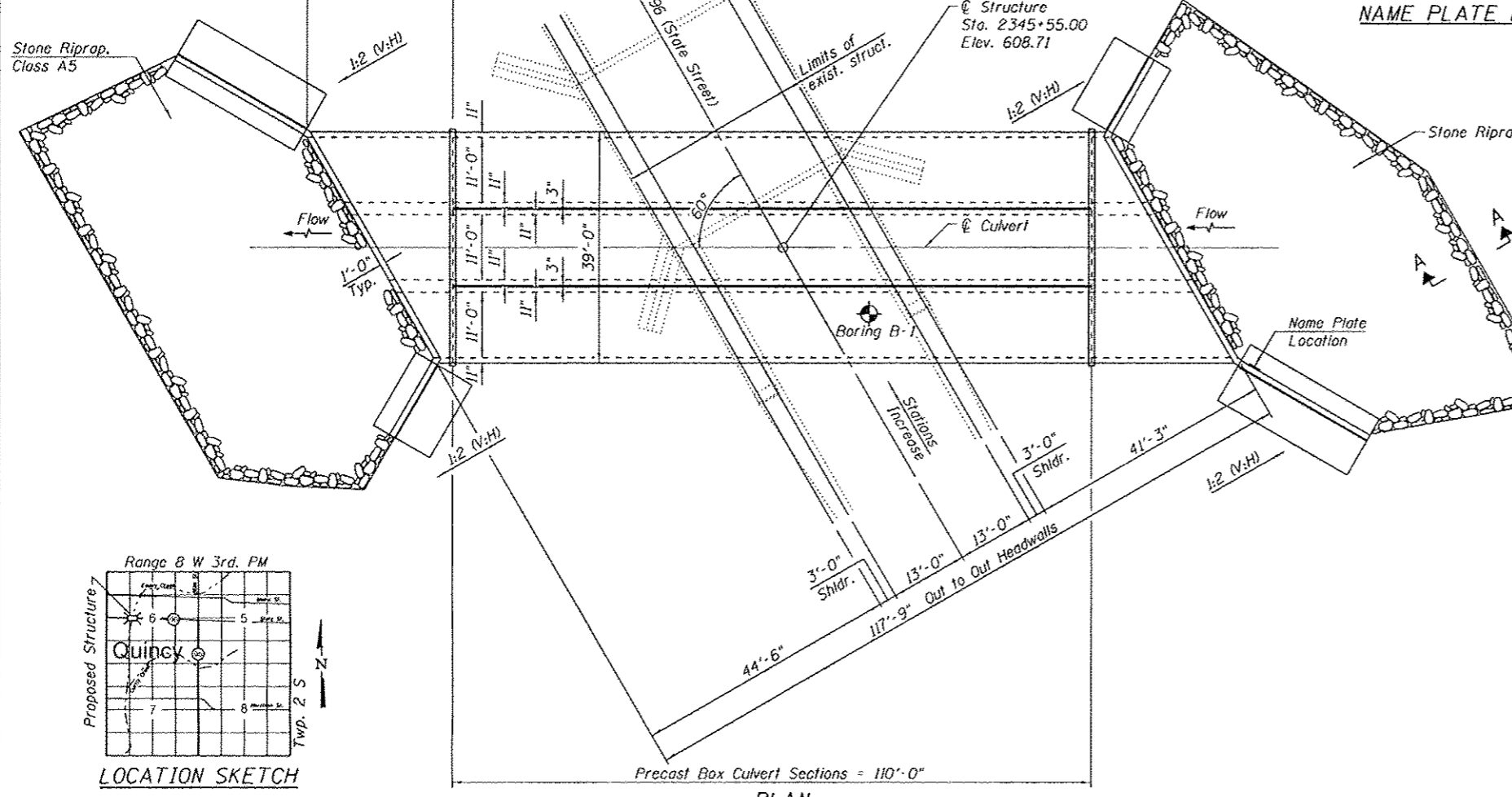
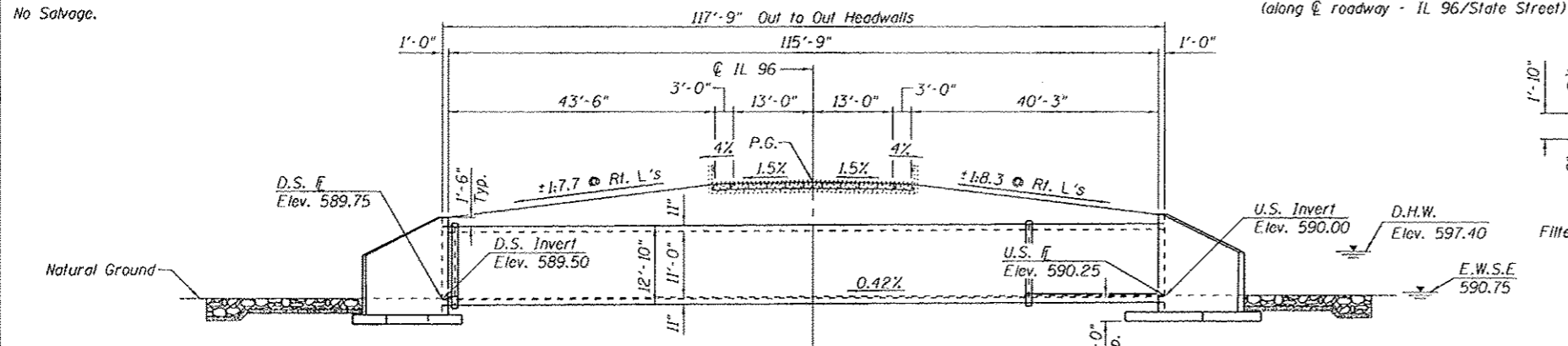
10/14/2015 8:19:07 AM

Benchmark: Chiseled "□" on top of abutment, Sta. 2345+95.3, 16.6' L1., NAVD 88 Elev. 606.940.

Existing Structure: S.N. 001-0033 was originally built in 1924 as SBI 36 Section D over Emery Creek. In 1975 the superstructure was replaced with 17" PPC deck beams under SBI 36 Section II BR. In 1994 the beam keyways were replaced and a waterproofing membrane system was added, along with a new asphalt wearing surface and guardrail, under Section 10BBR. In 2003 the wearing surface was removed and replaced with a 5" concrete wearing surface as SBI 36 Section IIBR-1-DL-02. The existing structure is a single span PPC deck beam bridge on closed abutments on concrete spread footings, 33'-0" out-to-out deck width, 32'-0" bk.-bk. abutment length. The structure has no skew.

The existing structure shall be removed and replaced. The road will be closed and traffic detoured during construction.

No Salvage.

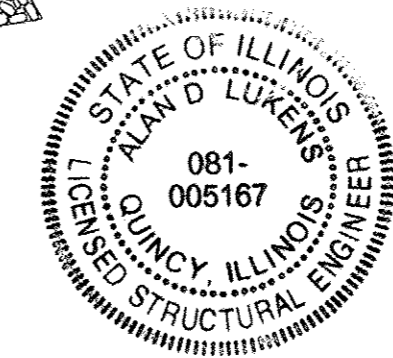


KLINGNER & ASSOCIATES, P.C.
Engineers - Architects - Surveyors

USER NAME *	DESIGNED - RJP	REVISED -
PLOT SCALE *	CHECKED - ADL	REVISED -
PLOT DATE *	DRAWN - RJP	REVISED -
	CHECKED - ADL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
STRUCTURE NUMBER 001-2500
SHEET NO. 1 OF 4 SHEETS



Alan D. Lukens
Licensed Structural Engineer
State of Illinois No. 081-005167
License Expires 11/30/2016

STATION 2345+55.00
BUILT 201- BY
STATE OF ILLINOIS
F.A.P. RTE. 7810 SEC. IIB-2
LOADING HL-93
STRUCTURE NO. 001-2500

NAME PLATE
See Std. 515001

GENERAL PLAN
IL 96/STATE STREET OVER EMERY CREEK
F.A.U. ROUTE 7810 SECTION IIB-2
ADAMS COUNTY
STATION 2345+55.00
S.N. 001-2500

INDEX OF SHEETS

- General Plan
- 2-3 Cast-In-Place End Section
- Boring Logs

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A5	Sq. Yd.	637
Filter Fabric	Sq. Yd.	637
Removal of Existing Structures	Each	1
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts 11'x11'	Foot	330
Dewatering Structure No. 1	Each	1
Granular Culvert Backfill	Cu. Yd.	1,936

GENERAL NOTES

Dewatering will be required during construction as per the Special Provision for Dewatering Structure No. 1.

Reinforcement bars designated (E) shall be epoxy coated.

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

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

For utility locations and information see Roadway Plans.

WATERWAY INFORMATION

Drainage Area = 2.0 mi²

Flood	Freq. Yr.	0 C.F.S.	Opening Sq. Ft.		Head - Ft.		Headwater El.		
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
10	1,280	178	207	596.3	0.7	0.0	597.0	596.3	
Design	50	1,860	212	245	597.4	0.7	0.0	598.2	597.4
Base	100	2,130	225	250	597.9	0.8	0.0	598.6	597.9
Max. Calc.	500	2,850	256	293	598.9	1.0	0.6	599.9	599.5

10 Year Velocity through Proposed Culvert = 7.2 fps

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	586.00	585.50

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Specifications

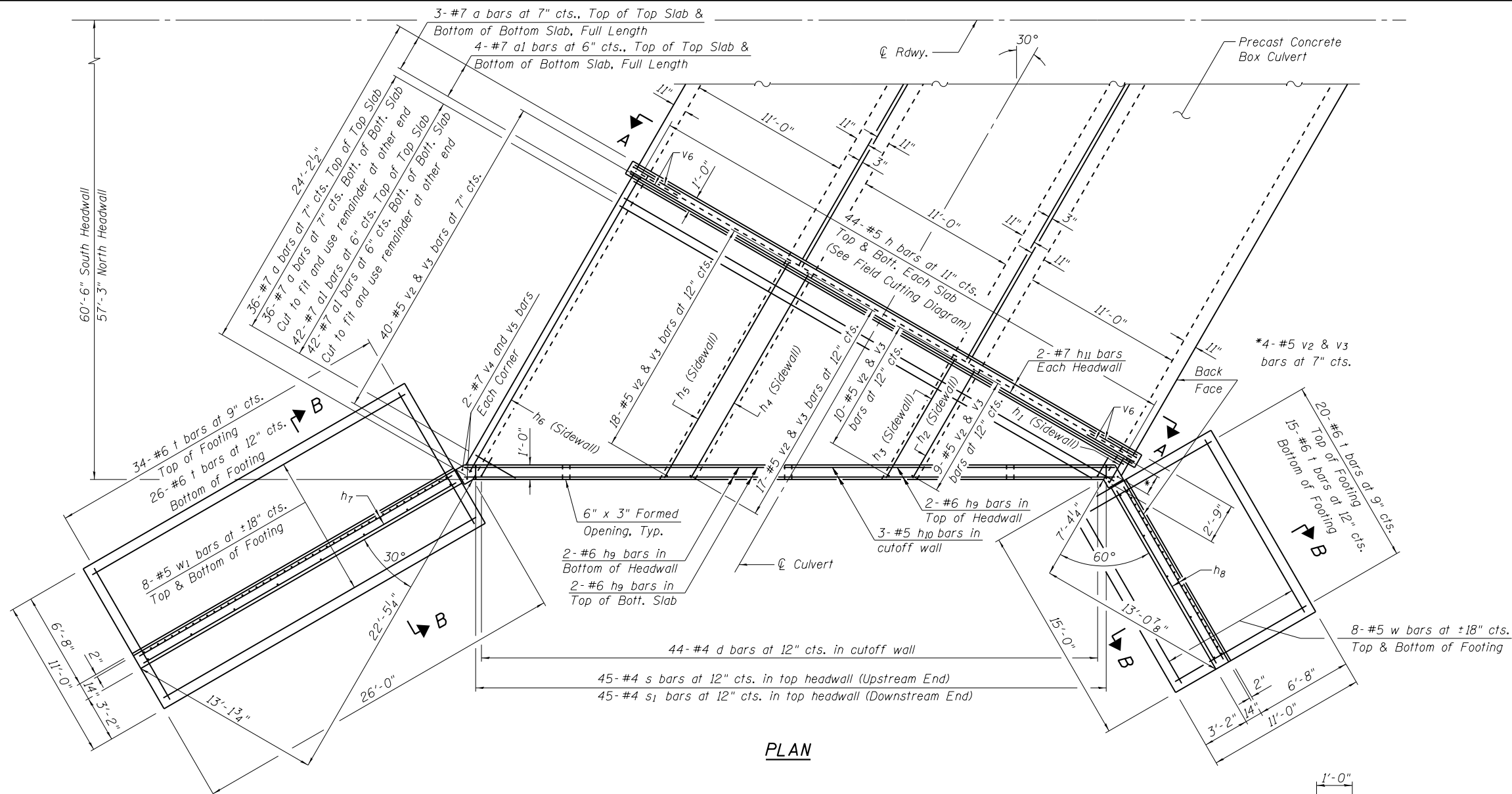
DESIGN STRESSES

FIELD UNITS
f_c = 3,500 psi
f_y = 60,000 psi (Reinforcement)

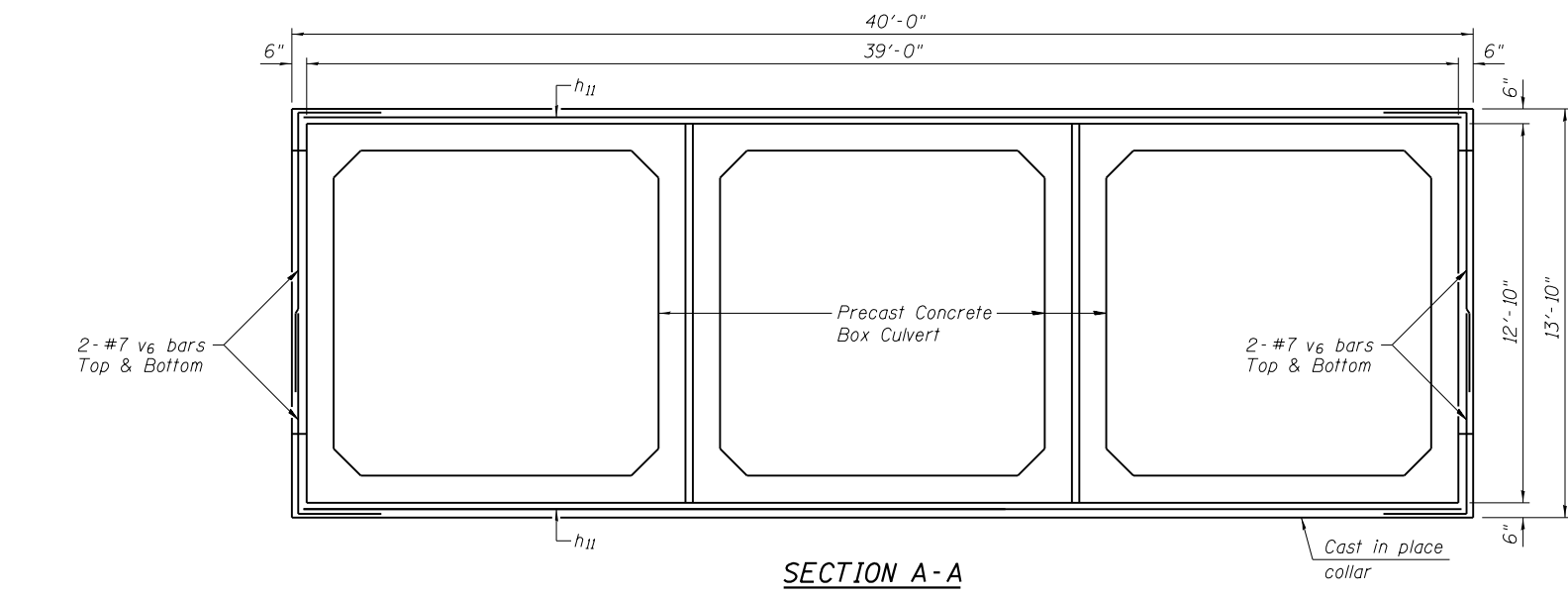
PRECAST UNITS
f_c = 5,000 psi
f_y = 65,000 psi (Welded Wire Fabric)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	IIB-2	ADAMS	35	19

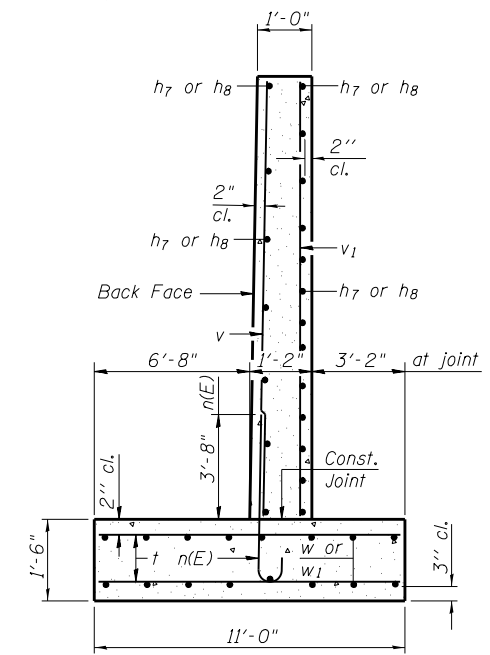
CONTRACT NO. 72C02
ILLINOIS FED. AID PROJECT
Klingner & Associates P.C.



PLAN



SECTION A-A



SECTION B-B

Notes:
 Bill of Material for two end sections.
 Bar dimensions are out to out.
 Not to scale or proper orientation.
 Exposed edges shall be beveled 3/4".
 Contact the District Geotechnical Engineer to verify foundation conditions meet plan requirements.
 Wingwalls shall be backfilled with CA-7 or CA-11 2'-0" wide and capped with a cohesive material at top and end of wingwalls. Cost included with Box Culvert End Sections, Culvert No. 1.
 Culvert wingwall footings shall be poured on a minimum 6" of CA-7 or CA-11 base. Cost included with Box Culvert End Sections, Culvert No. 1.
 Reinforcement bars designated (E) shall be epoxy coated.
 Max. Soil Pressure under footing = 4,000 psf.

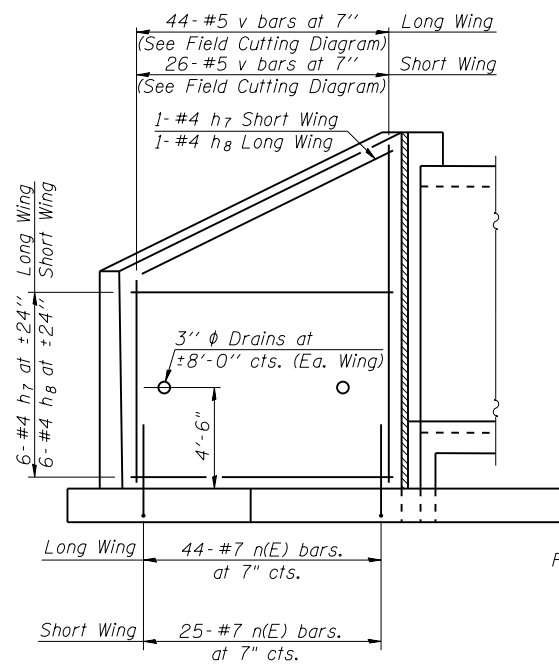
MINIMUM BAR LAPS

- #7 bar = 3'-5"
- #6 bar = 2'-7"
- #5 bar = 2'-2"
- #4 bar = 1'-9"

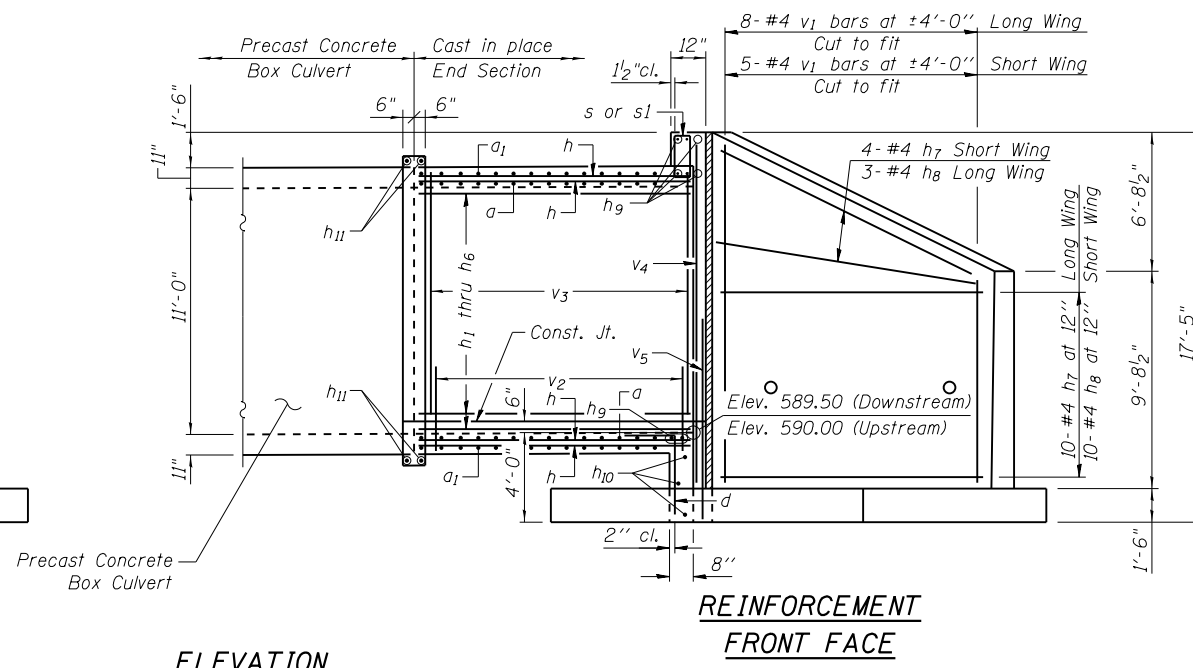
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	84	#7	40'-4"	⊔
a1	100	#7	38'-8"	⊔
d	88	#4	5'-6"	⊔
h	176	#5	25'-4"	⊔
h1	22	#7	1'-10"	⊔
h2	22	#7	8'-3"	⊔
h3	22	#7	9'-5"	⊔
h4	22	#7	15'-10"	⊔
h5	22	#7	17'-0"	⊔
h6	22	#7	23'-4"	⊔
h7	42	#4	24'-11"	⊔
h8	40	#4	13'-11"	⊔
h9	12	#6	44'-3"	⊔
h10	6	#5	44'-3"	⊔
h11	8	#7	39'-6"	⊔
n(E)	138	#7	5'-9"	⊔
s	45	#4	6'-6"	⊔
s1	45	#4	6'-7"	⊔
t	190	#6	10'-8"	⊔
v	70	#5	24'-11"	⊔
v1	26	#4	15'-6"	⊔
v2	196	#5	4'-7"	⊔
v3	196	#5	10'-2"	⊔
v4	8	#7	12'-7"	⊔
v5	8	#7	7'-11"	⊔
v6	16	#7	12'-0"	⊔
w	32	#5	13'-11"	⊔
w1	32	#5	24'-11"	⊔
ITEM	UNIT	TOTAL		
* Reinforcement Bars	Pound	38,180		
** Box Culvert End Sections, Culvert No. 1	Each	2		

* Reinforcement Bars will not be paid for separately, but will be included in the cost of Box Culvert End Sections, Culvert No. 1 (See Std. Specifications)
 ** 2 End Sections = 241.0 Cu. Yd. Concrete

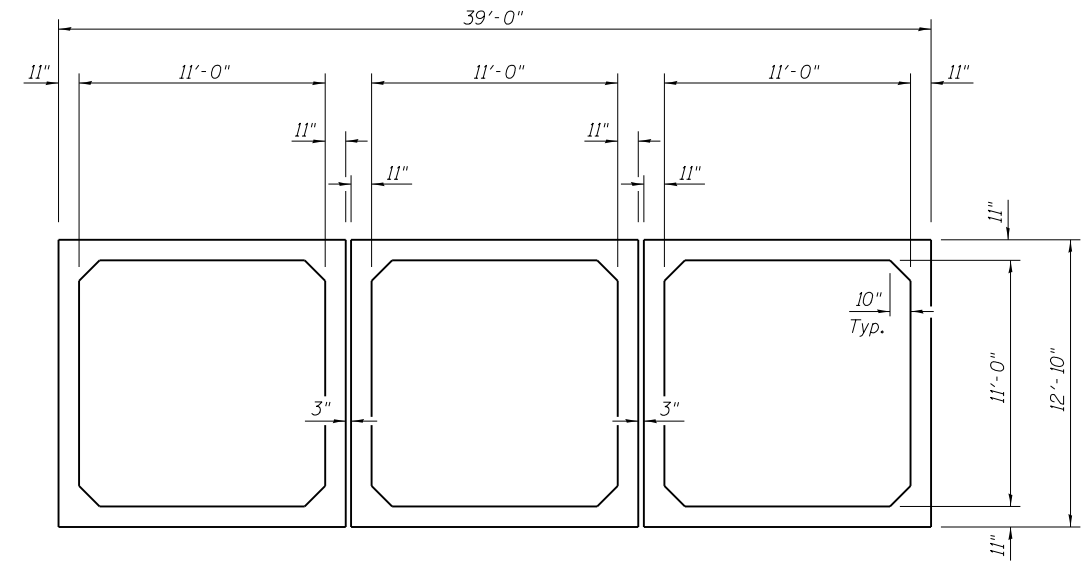


**REINFORCEMENT
BACK FACE**

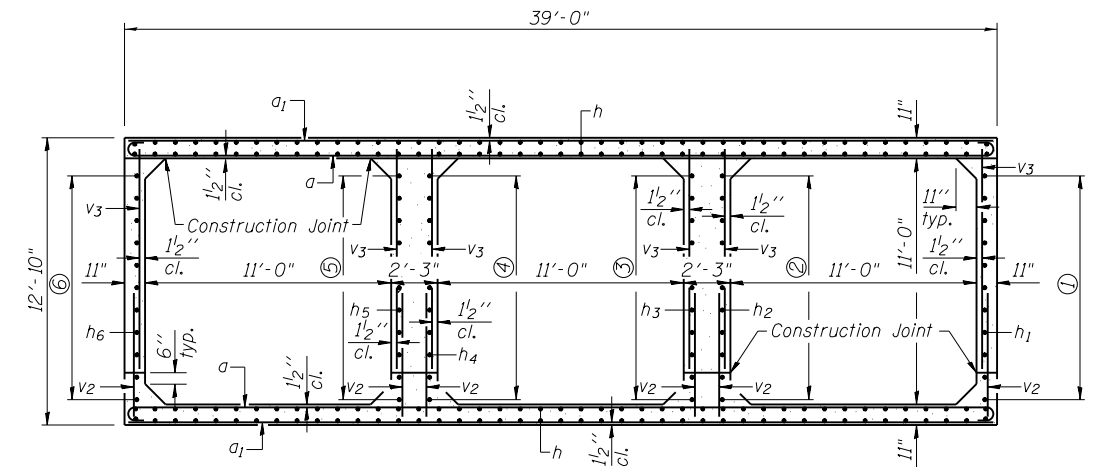


**REINFORCEMENT
FRONT FACE**

ELEVATION

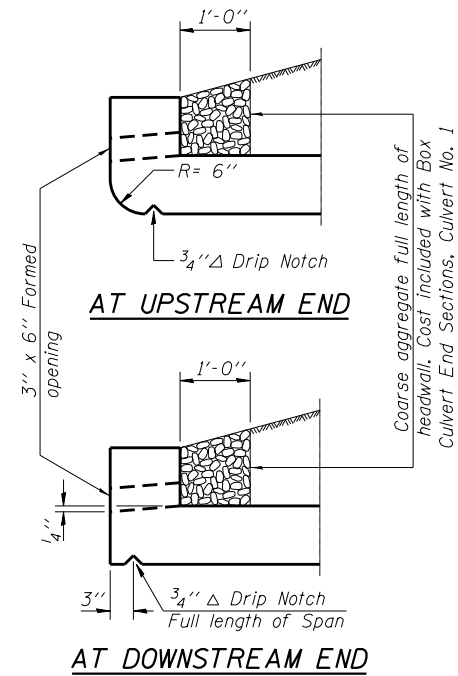


SECTION THRU PRECAST BARREL

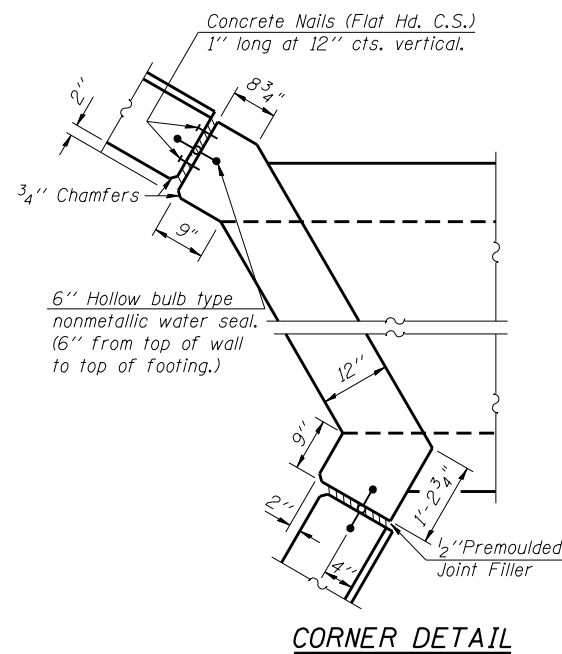


SECTION THRU CAST-IN-PLACE BARREL

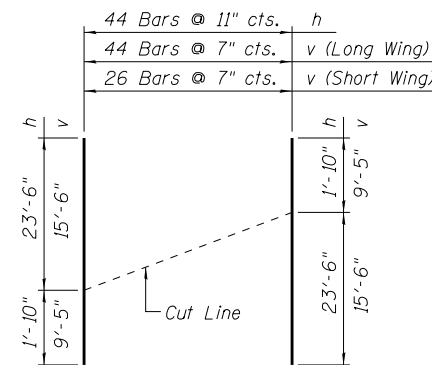
- ① 11- #7 h1 bars at 12" cts.
- ② 11- #7 h2 bars at 12" cts.
- ③ 11- #7 h3 bars at 12" cts.
- ④ 11- #7 h4 bars at 12" cts.
- ⑤ 11- #7 h5 bars at 12" cts.
- ⑥ 11- #7 h6 bars at 12" cts.



DRAIN DETAIL

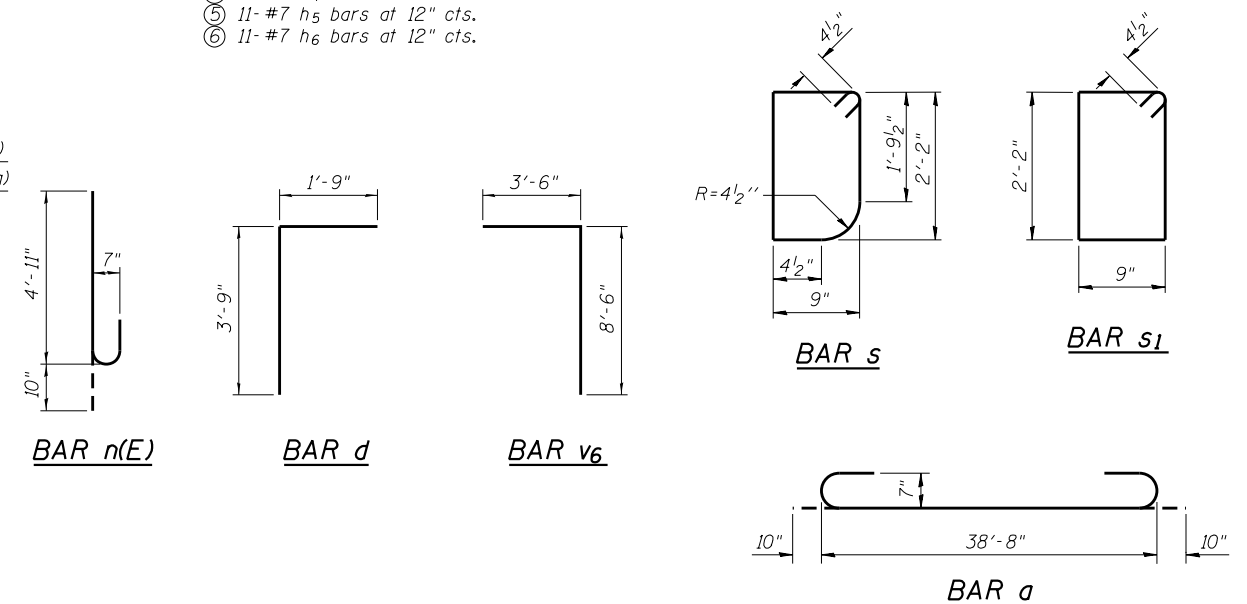


CORNER DETAIL



FIELD CUTTING DIAGRAM

Note:
Order h & v bars full length. Cut as shown and use remainder of bars in opposite end.



USER NAME =	DESIGNED - RJP	REVISED -
PLOT SCALE =	CHECKED - ADL	REVISED -
PLOT DATE =	DRAWN - RJP	REVISED -
	CHECKED - ADL	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	21
CONTRACT NO. 72C02				



SOIL BORING LOG

Page 1 of 1

Date 4/19/12

ROUTE IL 96 DESCRIPTION Culvert over Emery Creek LOGGED BY M. Tappan

SECTION 11 B-2 LOCATION SW 1/4, SEC. 6, TWP. 2S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. Station	EX SN 001-0033 PR SN 001-2500 2345+55	D E P T H T W S	B L O C K S	U M S Q U T	M O I S T	Surface Water Elev.		D E P T H T W S	B L O C K S	U M S Q U T	M O I S T
						ft	ft				
BORING NO. 1 E Abut Station 2345+38 Offset 7.0R RT Ground Surface Elev. 608.5 ft		1	E	Abut		Surface Water Elev.	590.1	1	E	Abut	
						Stream Bed Elev.	588.1				
Asphalt and Concrete	606.50	1	E	Abut		Groundwater Elev.:		1	E	Abut	
						First Encounter	592.0				
Lt Brown and Gray Moist SILT LOAM (Fill) Poor Recovery	607.00	1	E	Abut		Upon Completion	Cored ft	1	E	Abut	
						After	Plugged ft				
Gray Moist CLAY LOAM (continued) Brown and Gray Moist SANDY CLAY LOAM	588.00	2	E	Abut		Gray Moist CLAY LOAM	588.00	2	E	Abut	
						Brown and Gray Moist SANDY CLAY LOAM					
Olive Gray Moist SANDY CLAY LOAM w/ Gray Coarse Angular Limestone Gravel	583.00	17	E	Abut		Olive Gray Moist SANDY CLAY LOAM		17	E	Abut	
						w/ Gray Coarse Angular Limestone Gravel					
Gray V. Moist SILT LOAM (Fill)	600.50	2	E	Abut		Gray Coarse Angular Cherty LIMESTONE GRAVEL		2	E	Abut	
						Gray Coarse Angular Cherty LIMESTONE GRAVEL					
Brown and Dk Gray Moist SILTY CLAY LOAM (Fill)	600.00	1	E	Abut		Borehole continued with rock coring.	579.50	1	E	Abut	
						Borehole continued with rock coring.					
Gray Dirty Moist SAND	597.00	2	E	Abut				2	E	Abut	
Brown and Gray V. Moist LOAM w/ Gray Fine Sand Seams	595.50	1	E	Abut				1	E	Abut	
Gray Wet Med to Coarse SAND FREE WATER	592.50	1	E	Abut				1	E	Abut	
Gray Moist CLAY LOAM	590.50	2	E	Abut				2	E	Abut	

File Name: S:\SOILS\GINT FILES\001-2500-IL-96-OVER EMERY CREEK.GPJ; Data Template: DTEMP11.GDT; Date Printed: 5/4/15; Location: 350 350 350N Longitude: 91D 22.322W; Datum: NAD83; Job Number: DR010505

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

BORING 1



SOIL BORING LOG

Page 1 of 1

Date 4/18/12

ROUTE IL 96 DESCRIPTION Culvert over Emery Creek LOGGED BY M. Tappan

SECTION 11 B-2 LOCATION SW 1/4, SEC. 6, TWP. 2S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. Station	EX SN 001-0033 PR SN 001-2500 2345+55	D E P T H T W S	B L O C K S	U M S Q U T	M O I S T	Surface Water Elev.		D E P T H T W S	B L O C K S	U M S Q U T	M O I S T
						ft	ft				
BORING NO. 2 W Abut Station 2346+19 Offset 7.0R LT Ground Surface Elev. 609 ft		2	E	Abut		Surface Water Elev.	590.1	2	E	Abut	
						Stream Bed Elev.	588.1				
Tan V. Moist SILT (Fill) Poor Recovery	607.00	2	E	Abut		Groundwater Elev.:		2	E	Abut	
						First Encounter	592.5				
Tan Moist SILT (Fill) Poor Recovery	607.00	2	E	Abut		Upon Completion	Cored ft	2	E	Abut	
						After	Plugged ft				
Gray Dirty Med SAND FREE WATER (continued) 20' Asphalt and concrete	588.00	7	E	Abut		Gray Dirty Med SAND		7	E	Abut	
						FREE WATER (continued)	588.00				
Olive Gray Moist SAND LOAM	583.50	11	E	Abut		Gray Moist CLAY LOAM		11	E	Abut	
						Gray Moist CLAY LOAM					
Very Poor Recovery	581.00	3	E	Abut				3	E	Abut	
Brown Moist SILTY CLAY LOAM	600.00	1	E	Abut				1	E	Abut	
Brown and Gray	595.50	1	E	Abut				1	E	Abut	
Brown and Gray Wet LOAM	595.50	1	E	Abut				1	E	Abut	
Gray Dirty Med SAND FREE WATER	593.00	1	E	Abut				1	E	Abut	
Gray Dirty Fine Sandy GRAVEL	578.50	13	E	Abut				13	E	Abut	

File Name: S:\SOILS\GINT FILES\001-2500-IL-96-OVER EMERY CREEK.GPJ; Data Template: DTEMP11.GDT; Date Printed: 5/4/15; Location: 350 350 350N Longitude: 91D 22.322W; Datum: NAD83; Job Number: DR010505

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

BORING 2



USER NAME =	DESIGNED - RJP	REVISED -
PLOT SCALE =	CHECKED - ADL	REVISED -
PLOT DATE =	DRAWN - RJP	REVISED -
	CHECKED - ADL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

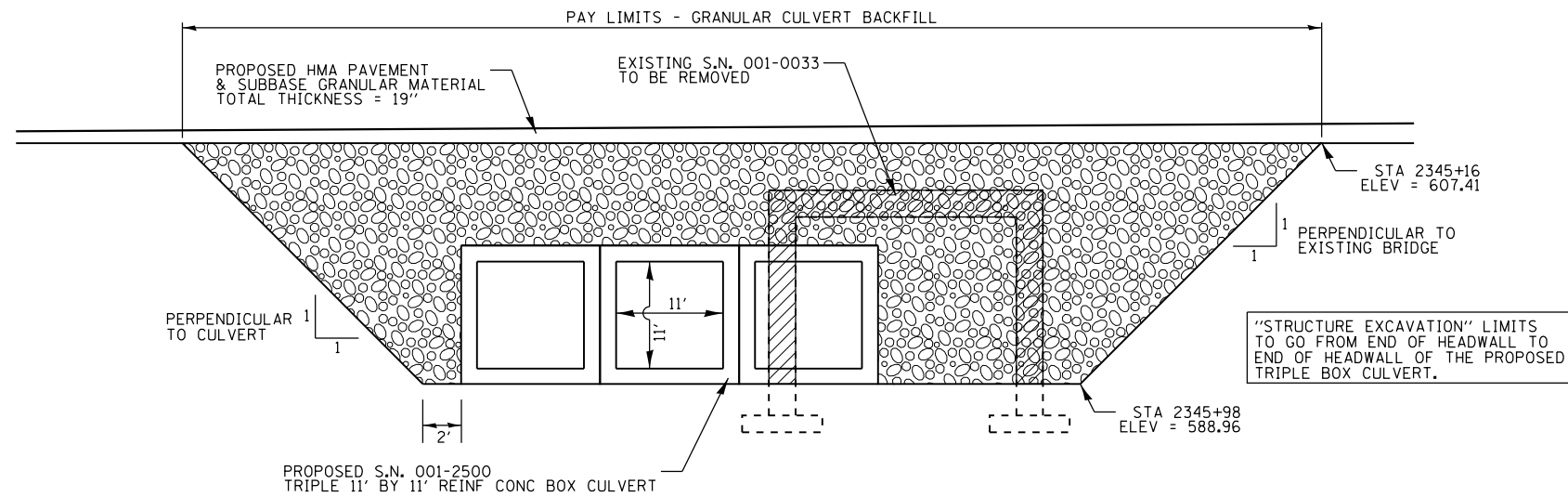
GENERAL PLAN
STRUCTURE NUMBER 001-2500

SHEET NO. 4 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	22
CONTRACT NO. 72C02				

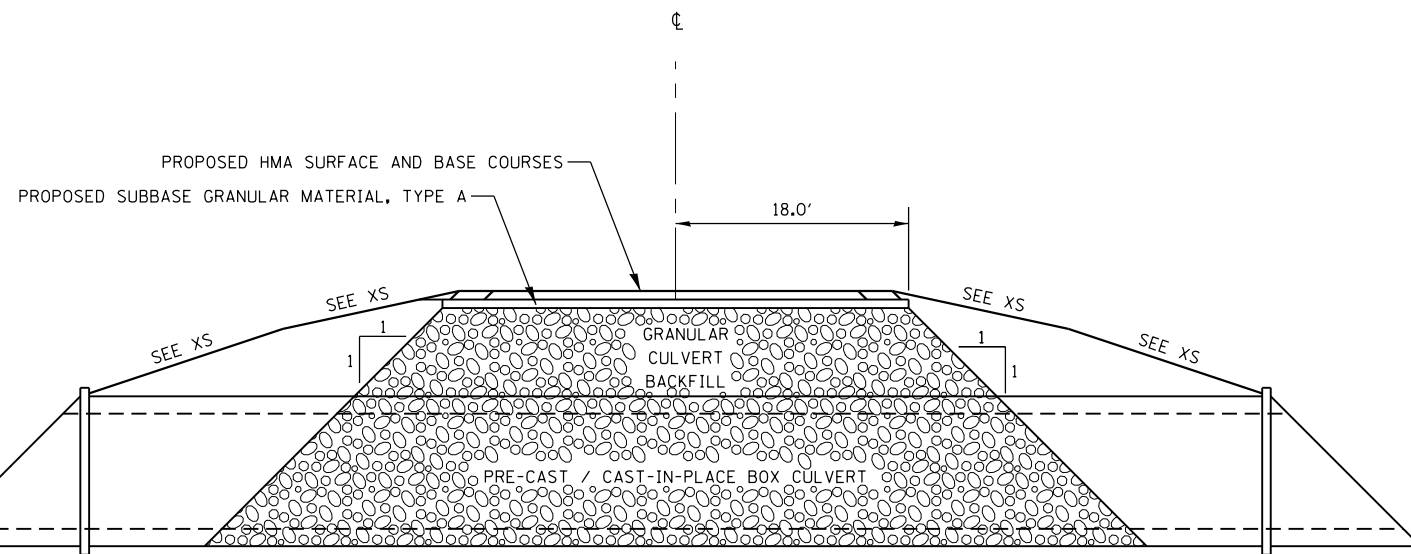
ILLINOIS FED. AID PROJECT

Klingner & Associates P.C.



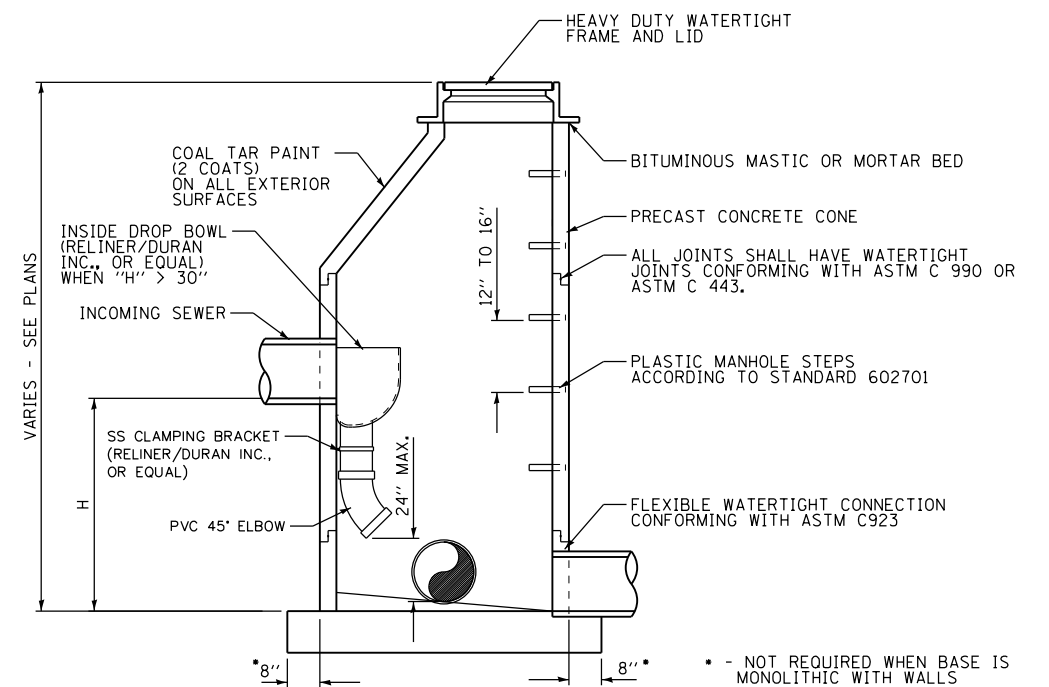
PROFILE GRANULAR BACKFILL DETAIL

NOT TO SCALE



CROSS SECTION GRANULAR BACKFILL DETAIL

NOT TO SCALE



SANITARY MANHOLE DETAIL

NOT TO SCALE

SEE STANDARD 602401 FOR MANHOLE DETAILS NOT SHOWN

FILE NAME = D:\881\1ms\080224\WG_13 - IL96_Emerg Cr_Culvert\ACADD_Sheets\0672C02-ahf.mxd

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - D-6 / SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - EBB	REVISED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

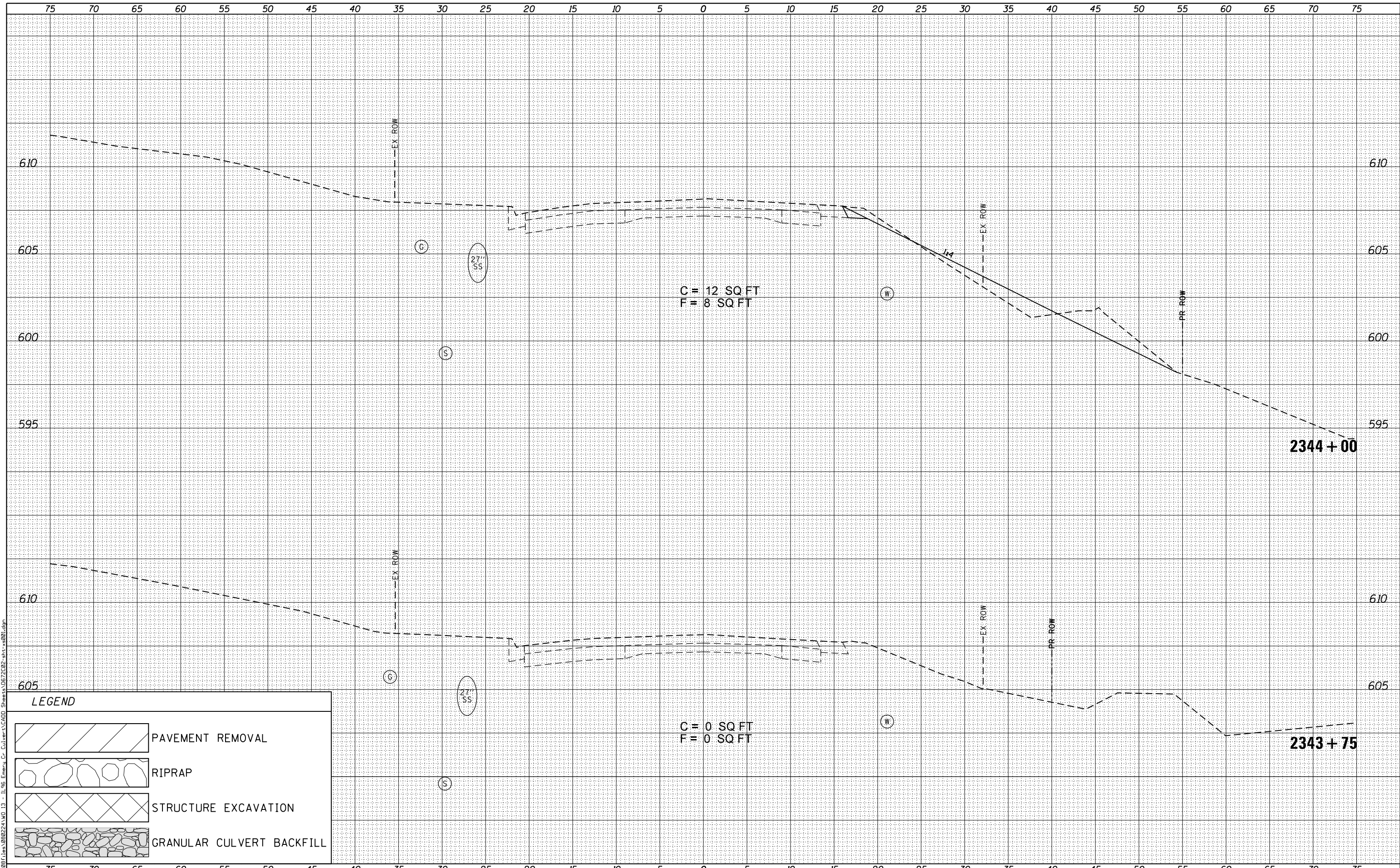
SCALE: SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	23
CONTRACT NO. 72C02				
<small>FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT</small>				

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

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

FILE NAME = G:\081111\1080224\WD 13 - IL 96 - Emergency Culvert\GSDI Sheets\1080224\08-10-15\1080224.dgn



LEGEND

	PAVEMENT REMOVAL
	RIPRAP
	STRUCTURE EXCAVATION
	GRANULAR CULVERT BACKFILL

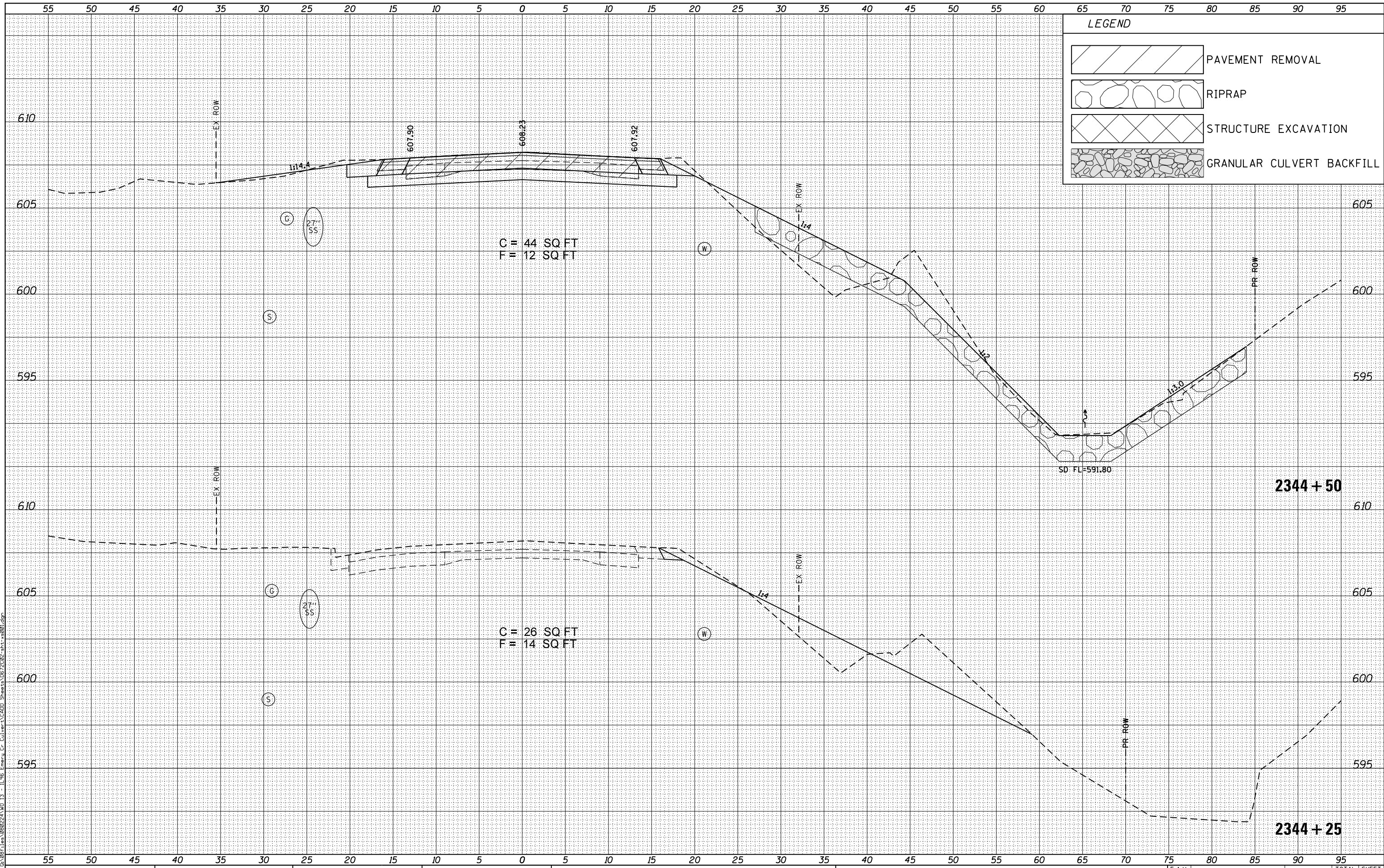
KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAU 7810 (IL 96 /STATE STREET) CROSS SECTIONS	
SCALE: 1"=10'H 1"=5'V	SHEET NO. 1 OF 12 SHEETS STA. 2343+75 TO STA. 2344+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	24
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



LEGEND

	PAVEMENT REMOVAL
	RIPRAP
	STRUCTURE EXCAVATION
	GRANULAR CULVERT BACKFILL

BY	DATE

BY	DATE

FILE NAME = G:\081\1111\108224\10 13 - IL 96 - Emergency Cr. Culverts\CADD Sheets\108224\01-21-15\108224.dgn



USER NAME = seb	DESIGNED - SEB	REVISIONS
PLOT SCALE = 10.0000' / in.	DRAWN - SEB	REVISIONS
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISIONS
	DATE - OCTOBER 5, 2015	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

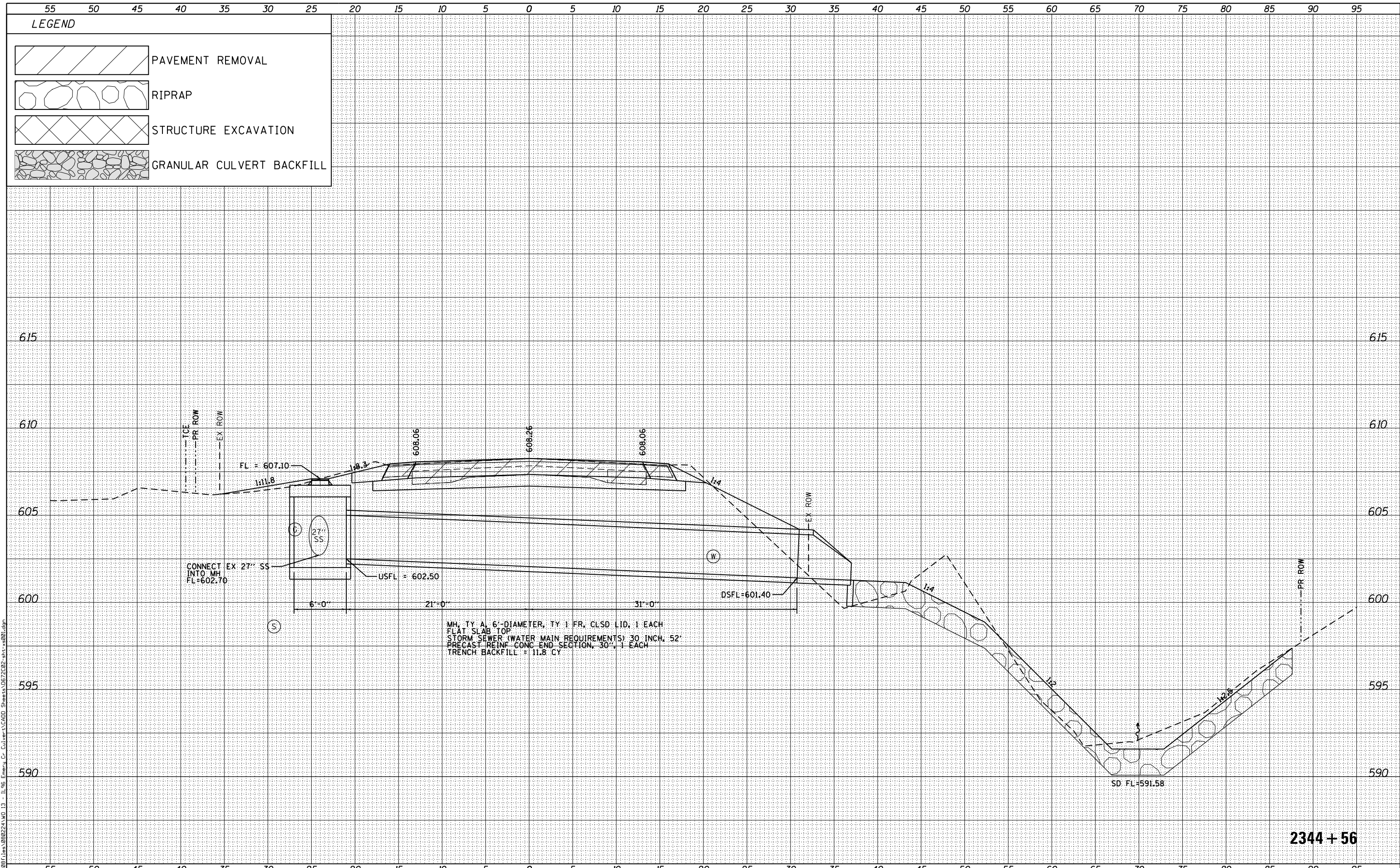
FAU 7810 (IL 96 / STATE STREET) CROSS SECTIONS		
SCALE: 1" = 10' H 1" = 25' V	SHEET NO. 2 OF 12 SHEETS	STA. 2344+25 TO STA. 2344+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	25
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\0811\11a\98022A\WD 13 - IL96 - Emergency C- Culvert\0801 Sheets\0872002-shr-xa001.dgn



CONNECT EX 27" SS INTO MH FL=602.70

MH, TY A, 6'-DIAMETER, TY 1 FR, CLSD LID, 1 EACH
 FLAT SLAB TOP
 STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH, 52'
 PRECAST REINF CONC END SECTION, 30", 1 EACH
 TRENCH BACKFILL = 11.8 CY

2344 + 56

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

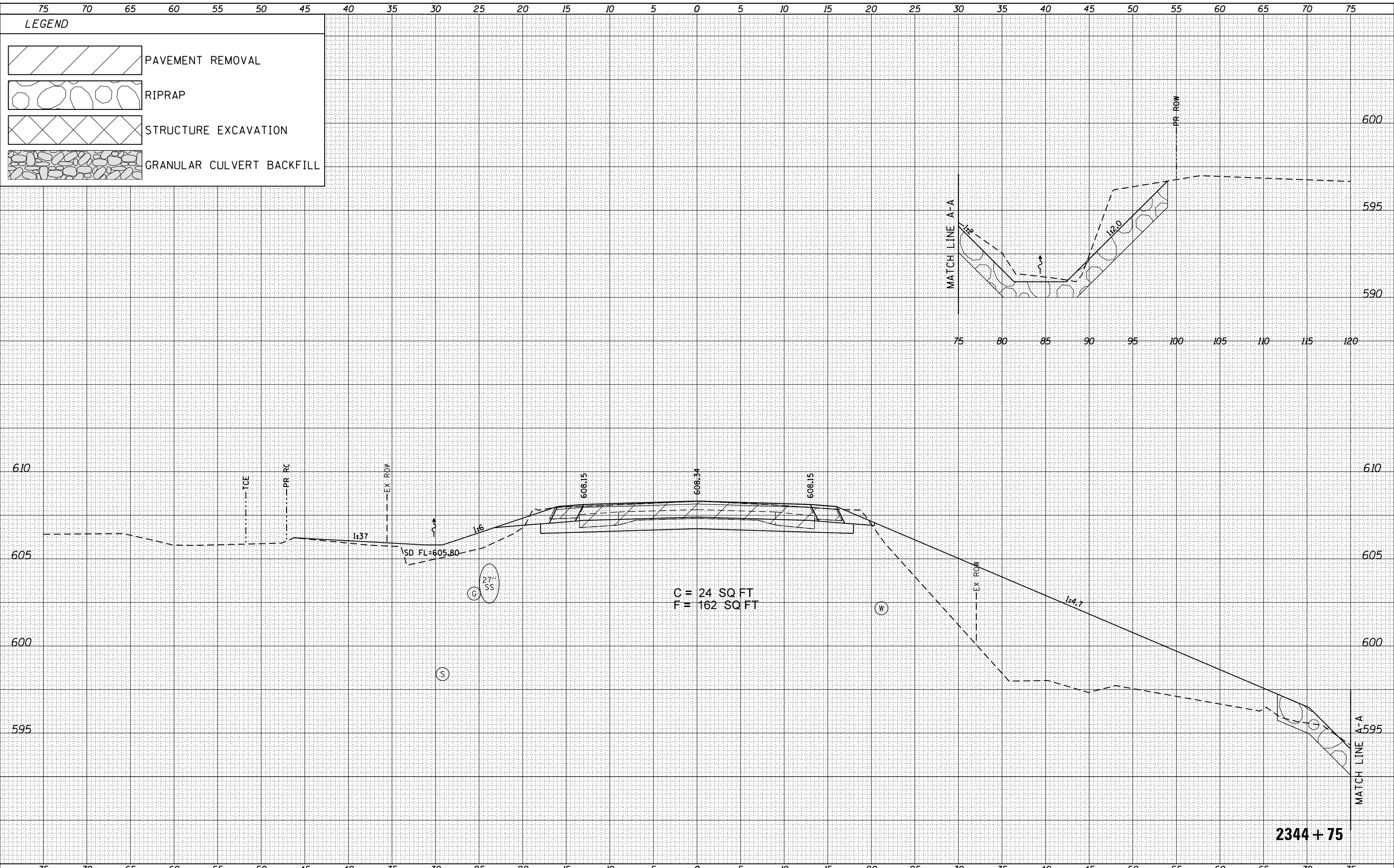
FAU 7810 (IL 96 /STATE STREET)
 CROSS SECTIONS
 SCALE: 1"=10'H
 1"=25'V
 SHEET NO. 3 OF 12 SHEETS
 STA. 2344+56 TO STA. 2344+56

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	26
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				CONTRACT NO. 72C02

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
AREAS CHECKED	
NO.	

FILE NAME = G:\08\1111\980224\WD 13 - IL96 - Emergency Culvert\GDDI Sheets\11B72C02-shr-xa01.dgn



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - SEB	REVISED -
PLOT DATE = 10/6/2015	CHECKED - EBB	REVISED -
	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'H 1"=25'V	SHEET NO. 4 OF 12 SHEETS	STA. 2344+75 TO STA. 2344+75
---------------------------	--------------------------	------------------------------

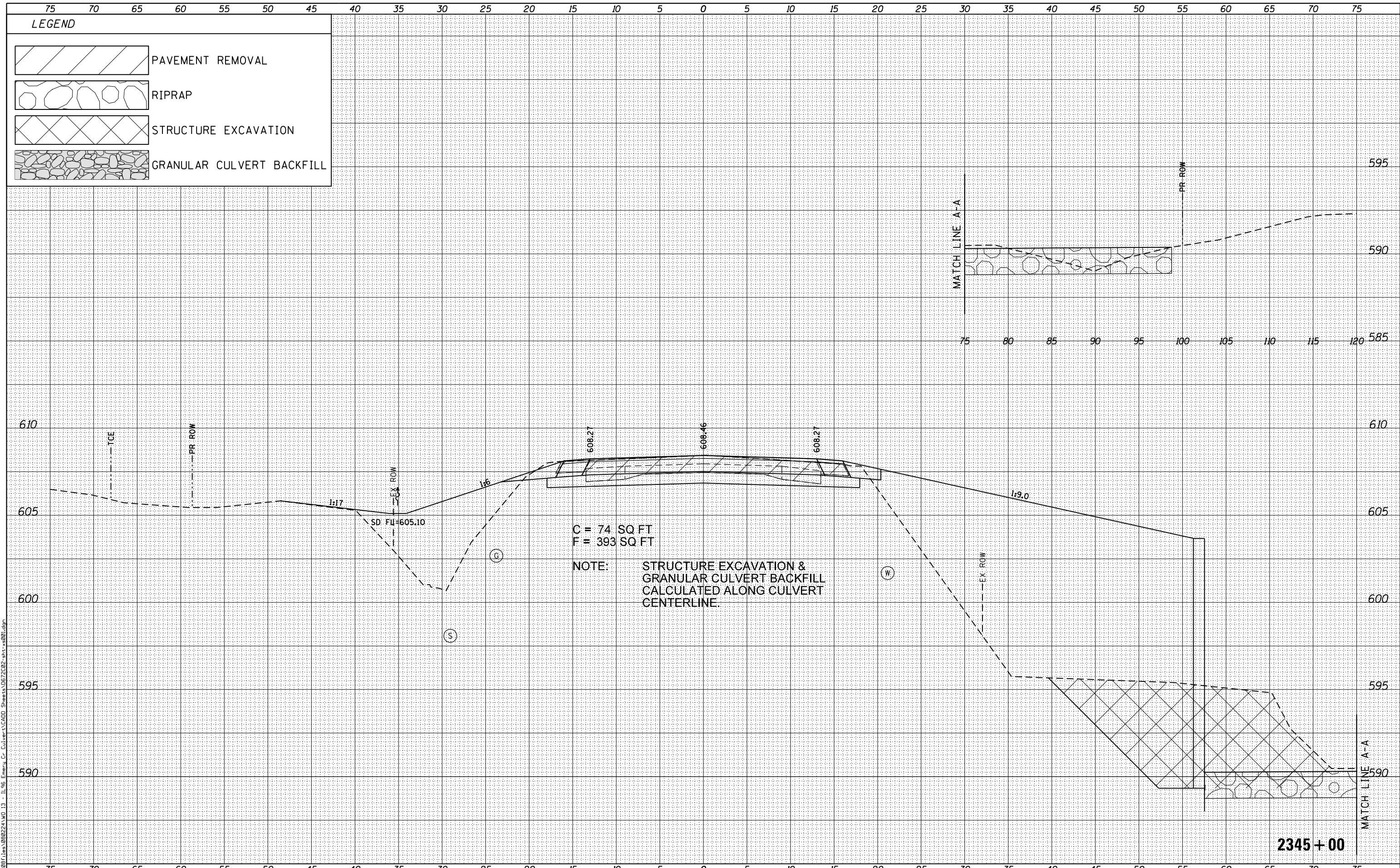
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	27
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

2344 + 75

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = G:\0811\11a\98022A\WD 13 - IL96 - Emergency C- Culvert\A\001 Sheets\067202-shr-xa001.dgn



C = 74 SQ FT
F = 393 SQ FT

NOTE: STRUCTURE EXCAVATION & GRANULAR CULVERT BACKFILL CALCULATED ALONG CULVERT CENTERLINE.

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISIED -
	DRAWN - SEB	REVISIED -
PLOT SCALE = 10.0000' / in.	CHECKED - EBB	REVISIED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

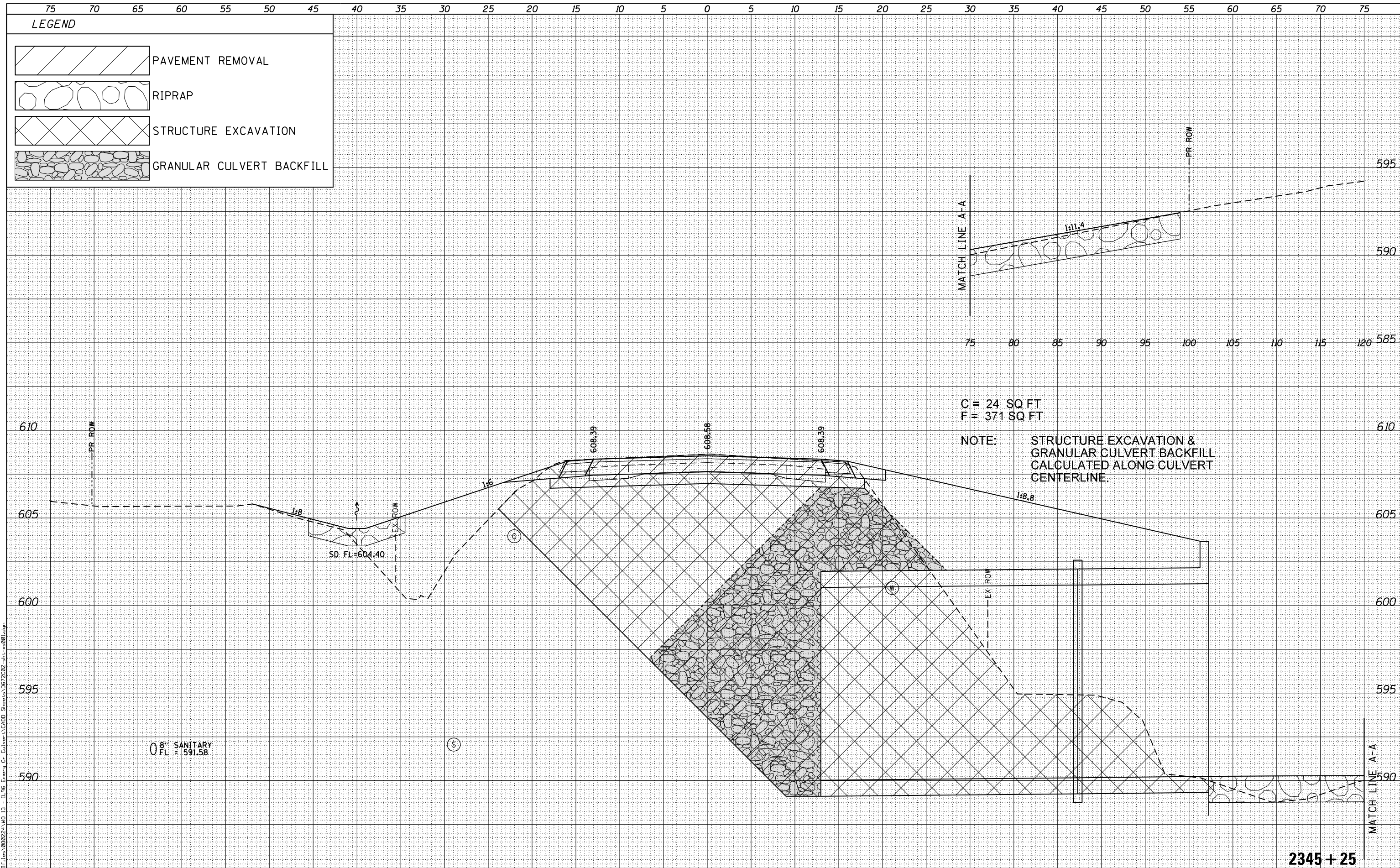
FAU 7810 (IL 96 / STATE STREET)
CROSS SECTIONS

SCALE: 1"=10'H
1"=25'V
SHEET NO. 5 OF 12 SHEETS
STA. 2345+00 TO STA. 2345+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	28
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	
FILE NAME	



KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISIED -
	DRAWN - SEB	REVISIED -
PLOT SCALE = 10.0000' / in.	CHECKED - EBB	REVISIED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAU 7810 (IL 96 / STATE STREET)
 CROSS SECTIONS**

SCALE: 1" = 10' H
 1" = 25' V

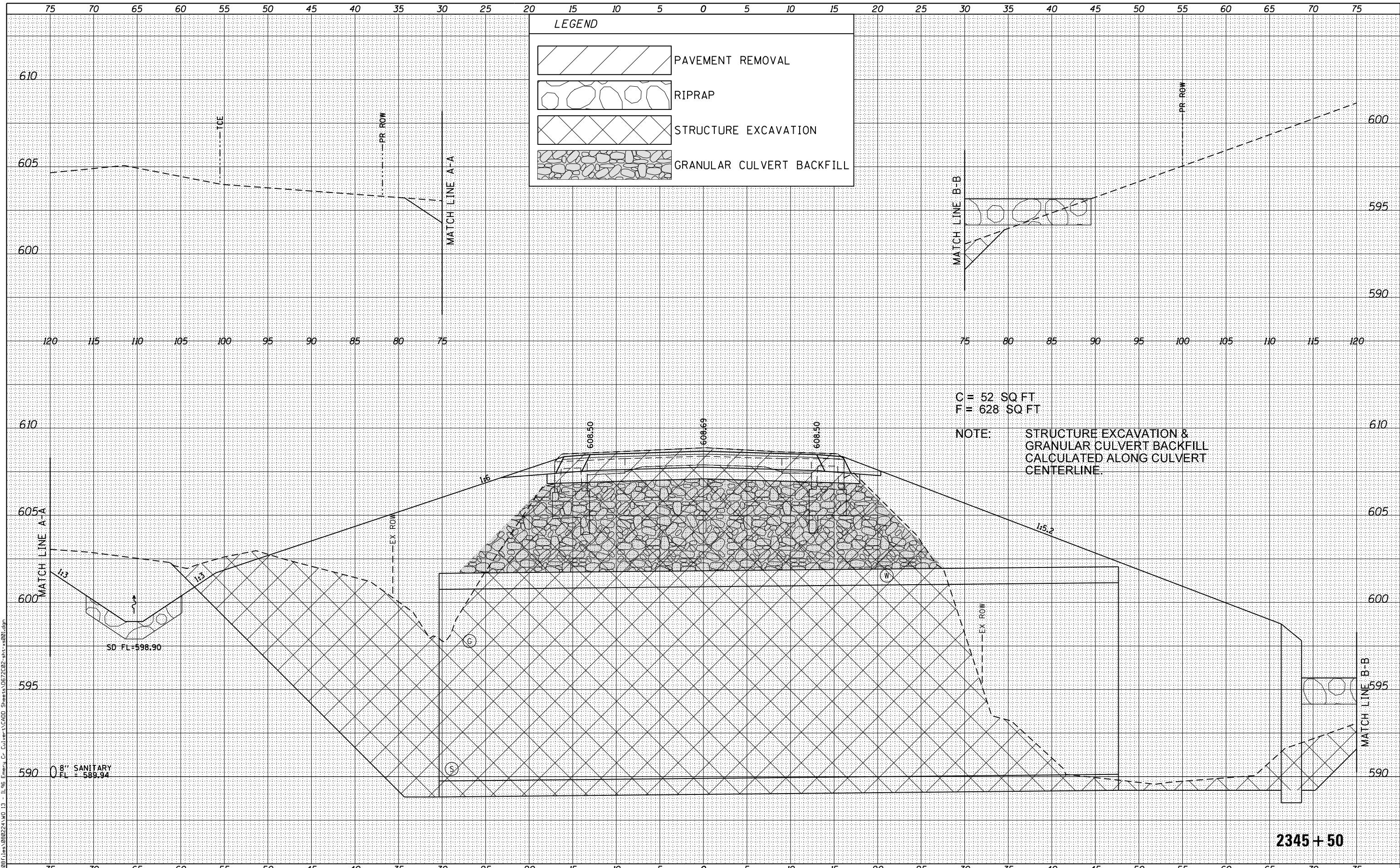
SHEET NO. 6 OF 12 SHEETS STA. 2345+25 TO STA. 2345+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	29
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

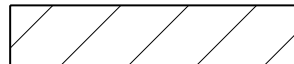



DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = G:\0811\11a\98022A\WD 13 - IL 96 - Emergency Cr. Culvert\CAD\ Sheets\11B-2\02-shr-xa001.dgn



LEGEND

-  PAVEMENT REMOVAL
-  RIPRAP
-  STRUCTURE EXCAVATION
-  GRANULAR CULVERT BACKFILL

C = 52 SQ FT
F = 628 SQ FT

NOTE: STRUCTURE EXCAVATION & GRANULAR CULVERT BACKFILL CALCULATED ALONG CULVERT CENTERLINE.

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISIED -
	DRAWN - SEB	REVISIED -
PLOT SCALE = 10.0000' / 1"	CHECKED - EBB	REVISIED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAU 7810 (IL 96 /STATE STREET)
CROSS SECTIONS**

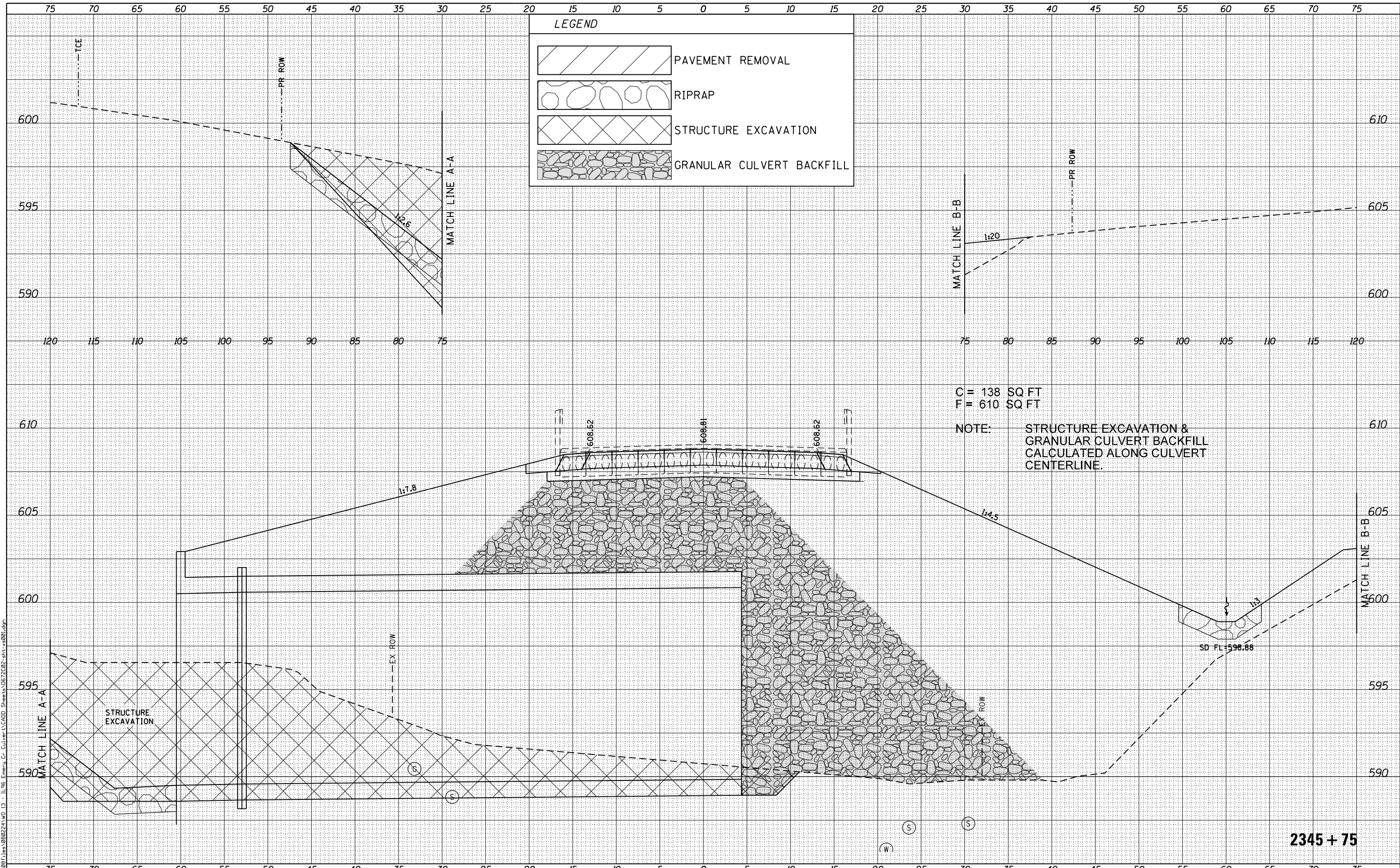
SCALE: 1"=10'H
1"=5'V
SHEET NO. 7 OF 12 SHEETS
STA. 2345+50 TO STA. 2345+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	30
				CONTRACT NO. 72C02
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
AREAS CHECKED	
NO.	

FILE NAME = G:\081\11a\08022A\WD 13 - IL 96 - Emergency Cr. Culvert\0801 Sheets\0872002-shr-xa001.dgn



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISD -
	DRAWN - SEB	REVISD -
PLOT SCALE = 10.0000' / 1"	CHECKED - EBB	REVISD -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 7810 (IL 96 / STATE STREET)
CROSS SECTIONS

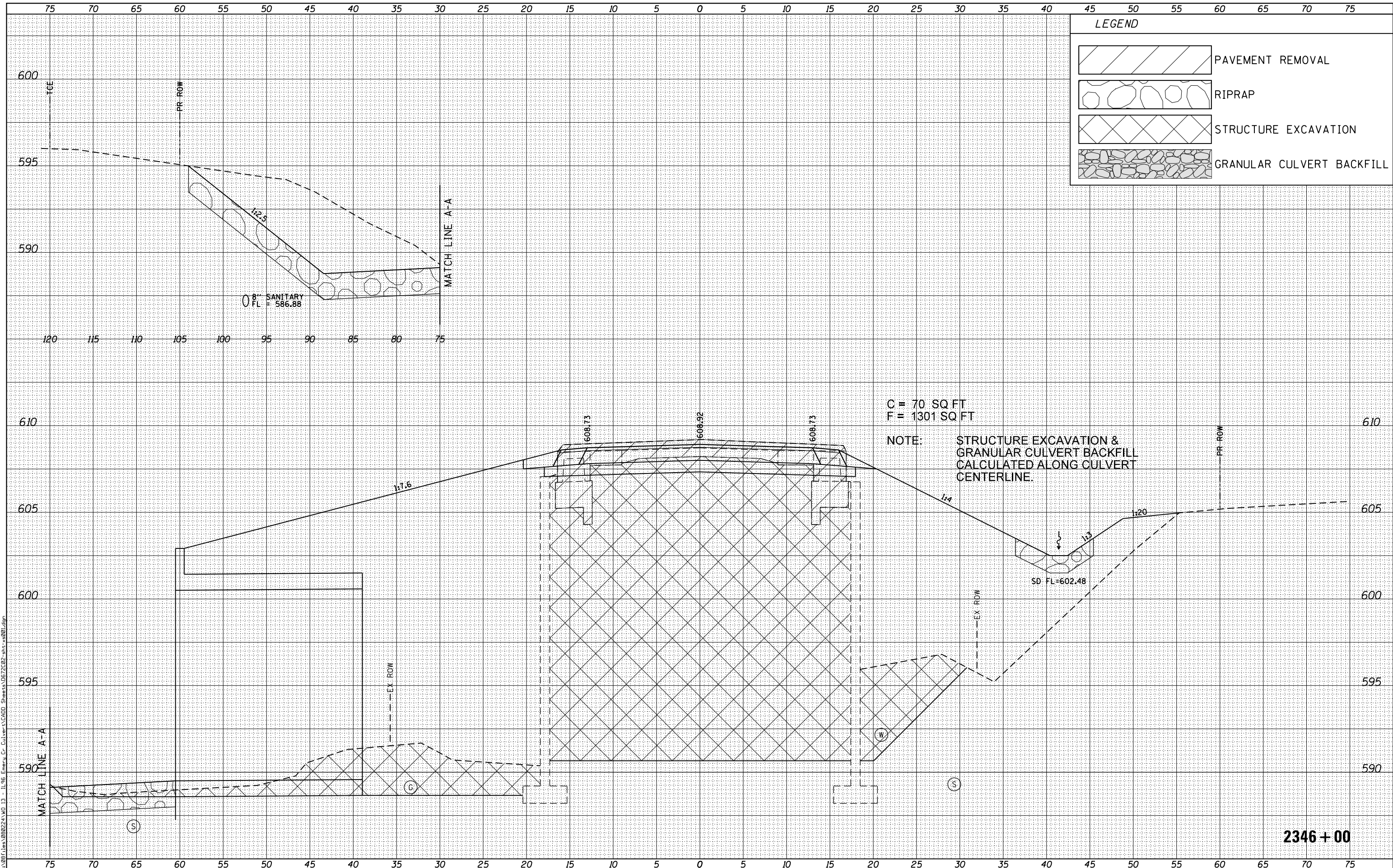
SCALE: 1"=10'H
1"=5'V
SHEET NO. 8 OF 12 SHEETS
STA. 2345+75 TO STA. 2345+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	31
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\081\11a\98022A\WD 13 - IL96_Emergy Cr-Culverts\CADD Sheets\1067202-shr-xa001.dgn



LEGEND	
	PAVEMENT REMOVAL
	RIPRAP
	STRUCTURE EXCAVATION
	GRANULAR CULVERT BACKFILL

C = 70 SQ FT
F = 1301 SQ FT

NOTE: STRUCTURE EXCAVATION & GRANULAR CULVERT BACKFILL CALCULATED ALONG CULVERT CENTERLINE.

2346 + 00

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISD -
	DRAWN - SEB	REVISD -
PLOT SCALE = 10.0000' / 1"	CHECKED - EBB	REVISD -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 7810 (IL 96 / STATE STREET)
CROSS SECTIONS

SCALE: 1" = 10' H
1" = 25' V
SHEET NO. 9 OF 12 SHEETS
STA. 2346+00 TO STA. 2346+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	32

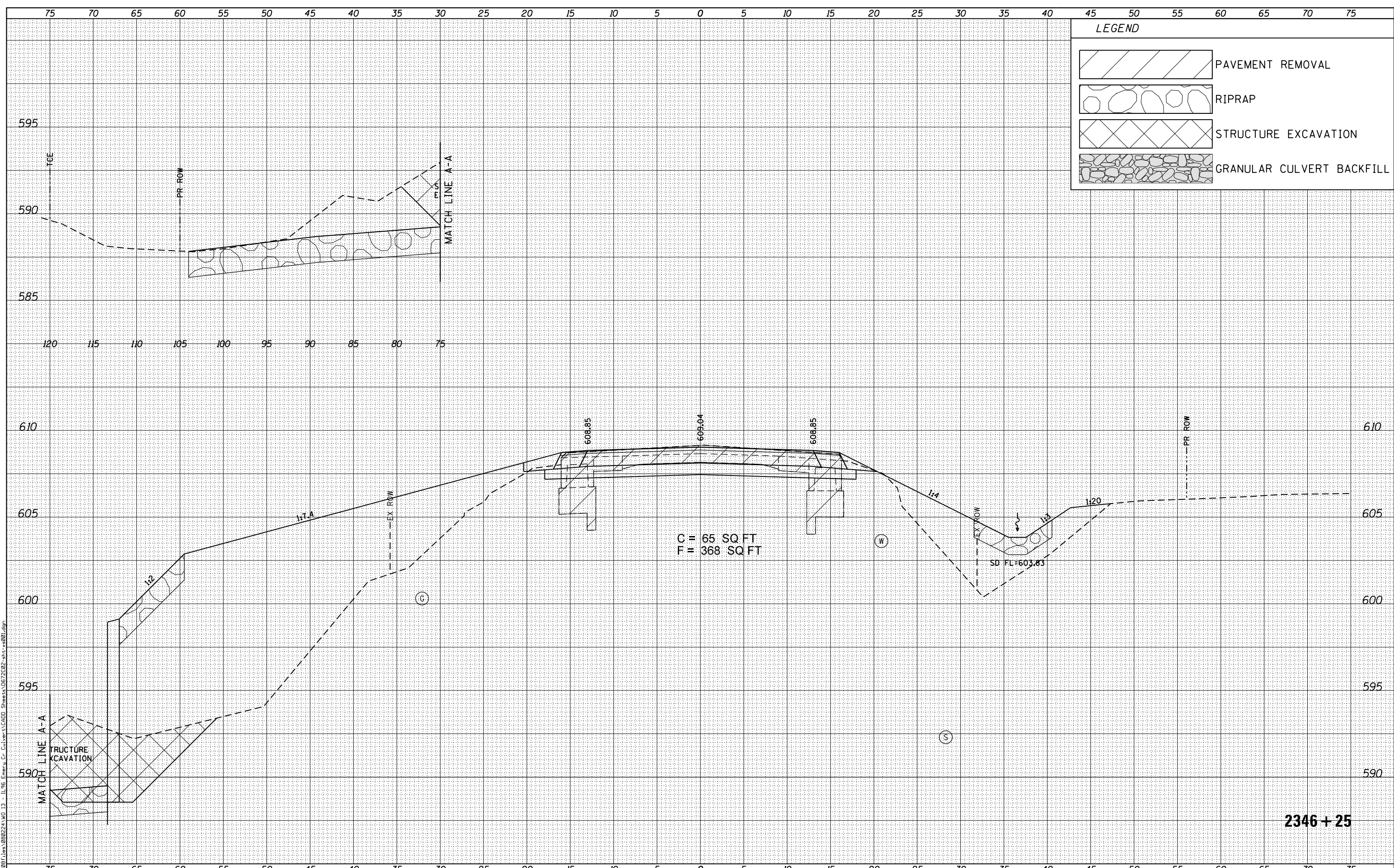
CONTRACT NO. 72C02

FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT

BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

FILE NAME = G:\081\11a\980224\WD 13 - IL-96 - Emergency Cr. Culverts\GDDI Sheets\11B72C02-shr-xa001.dgn



LEGEND

- PAVEMENT REMOVAL
- RIPRAP
- STRUCTURE EXCAVATION
- GRANULAR CULVERT BACKFILL

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REVISED -
	DRAWN - SEB	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - EBB	REVISED -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAU 7810 (IL 96 /STATE STREET)
 CROSS SECTIONS**

SCALE: 1" = 10' H
 1" = 25' V

SHEET NO. 10 OF 12 SHEETS STA. 2346+25 TO STA. 2346+25

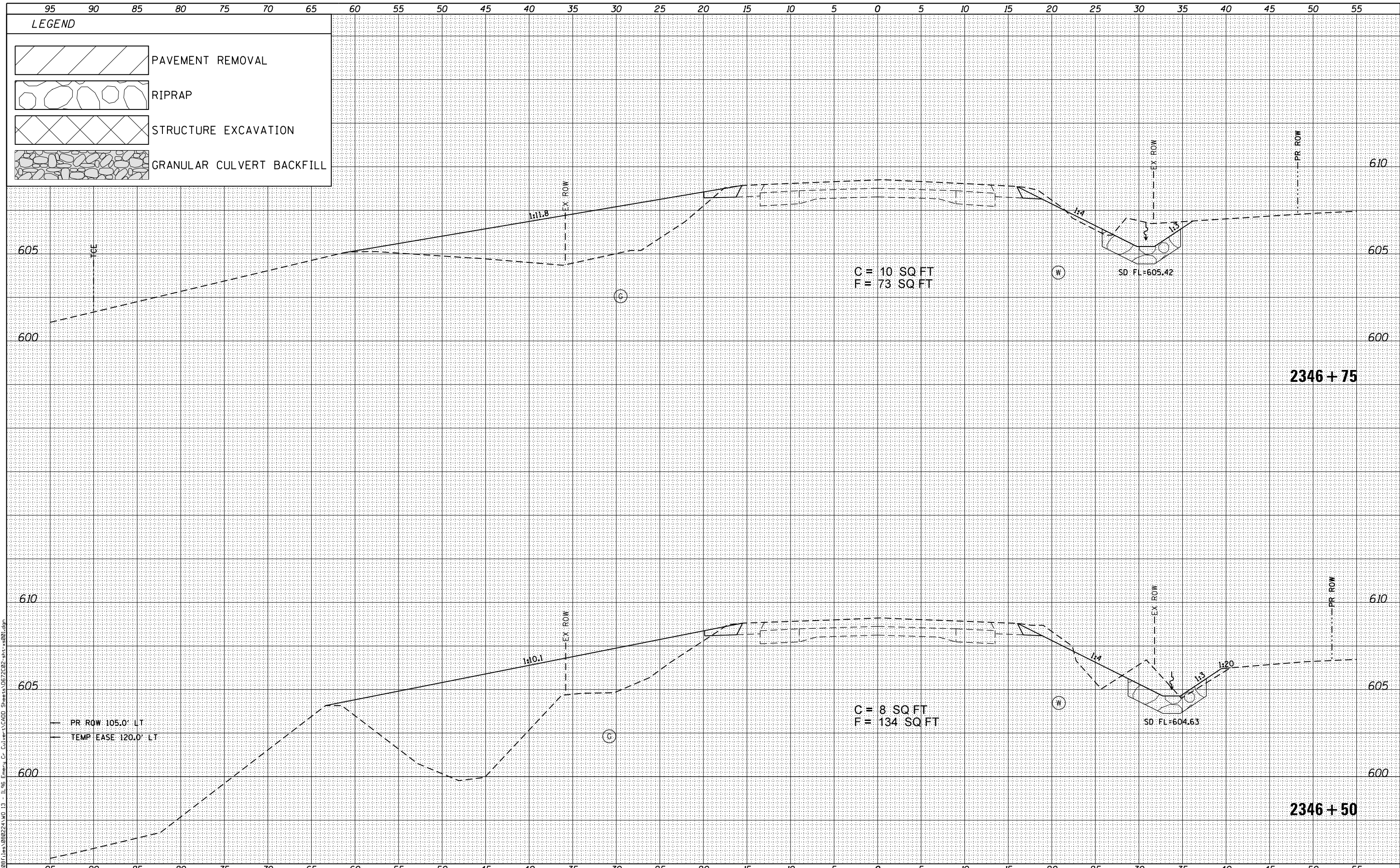
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	33
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

2346 + 25

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
PLATE	
TEMPLE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
PLATE	
TEMPLE	
AREAS CHECKED	
NO.	

FILE NAME = G:\081\111a\980224\WD 13 - IL 96 - Emergency C- Culvert\GDDI Sheets\11B-2\11B-2-11-2012-shr-11-2012.dgn



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED - SEB	REvised -
DESIGNED - SEB	DRAWN - SEB	REvised -
PLOT SCALE = 10.0000' / 1"	CHECKED - EBB	REvised -
PLOT DATE = 10/6/2015	DATE - OCTOBER 5, 2015	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

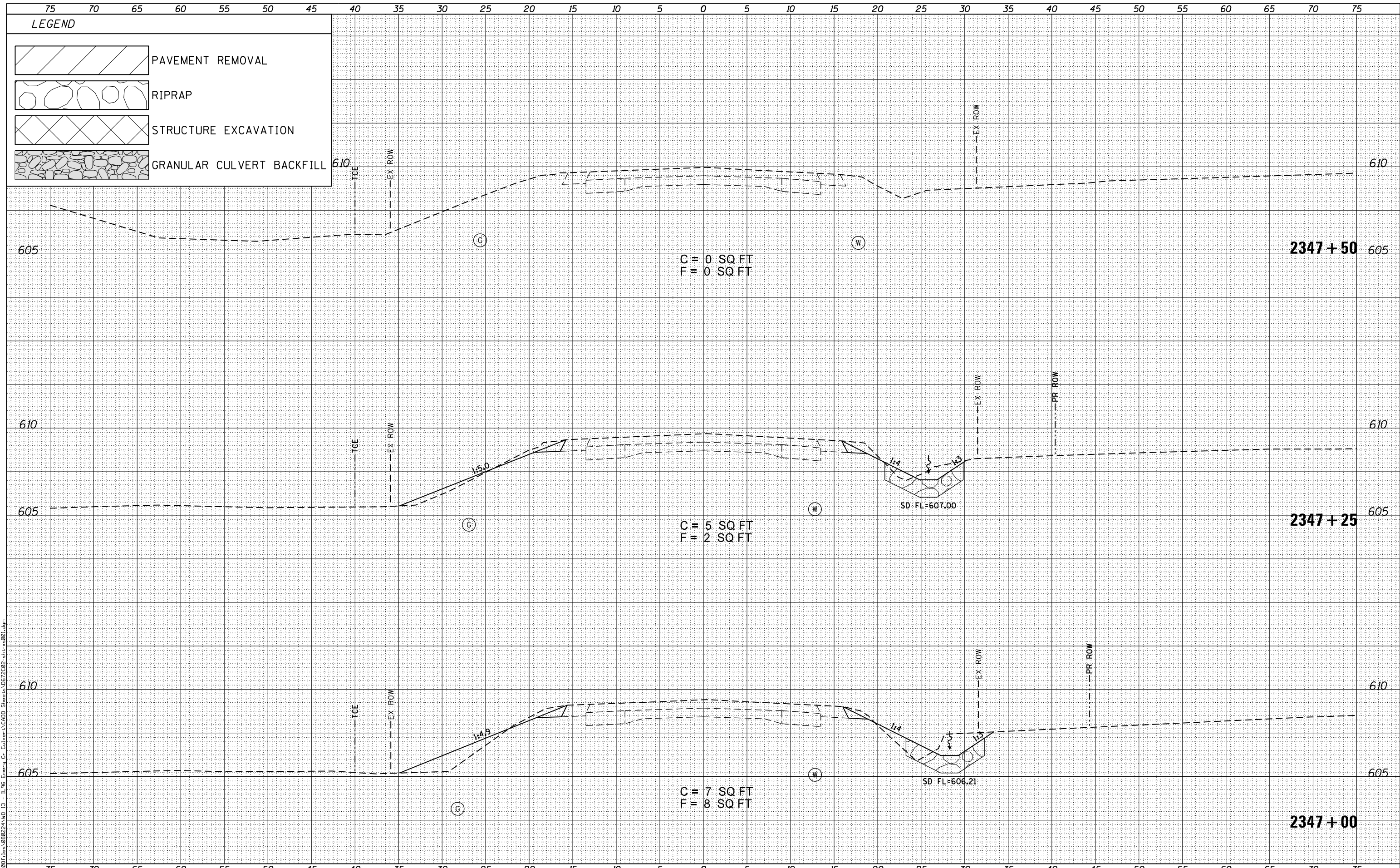
FAU 7810 (IL 96 /STATE STREET) CROSS SECTIONS		
SCALE: 1"=10'H 1"=25'V	SHEET NO. 11 OF 12 SHEETS	STA. 2346+50 TO STA. 2346+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	34
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	
DESIGNED	
DRAWN	
CHECKED	
DATE	

FILE NAME = G:\081\1111\98022A\WD 13 - IL 96 - Emergency C- Culvert\CAD\ Sheets\11B-2\11B-2-12.sht - x=001.dgn



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/6/2015

DESIGNED - SEB
DRAWN - SEB
CHECKED - EBB
DATE - OCTOBER 5, 2015

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAU 7810 (IL 96 /STATE STREET)
CROSS SECTIONS**
SCALE: 1"=10'H
1"=25'V
SHEET NO. 12 OF 12 SHEETS
STA. 2347+00 TO STA. 2347+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7810	11B-2	ADAMS	35	35
CONTRACT NO. 72C02				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				