

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	1
FED. ROAD DIST. NO. 6	ILLINOIS	CONTRACT NO. 72G89		

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

PROPOSED HIGHWAY PLANS

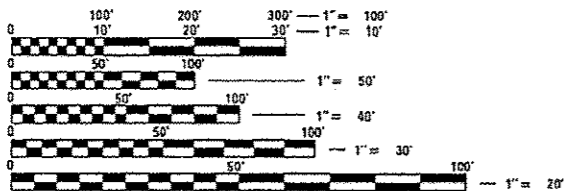
FAU ROUTE 7825 (IL 96/North 24th Street)
SECTION (11)B-3
PROJECT STP-7825(008)
BRIDGE REPLACEMENT
ADAMS COUNTY

C-96-060-14

D-96-060-14



DESIGN DESIGNATION:
FAU 7825
MINOR ARTERIAL (URBAN)
ADT = 5,900 (2015)
SU = 4.2%
MU = 7.2%

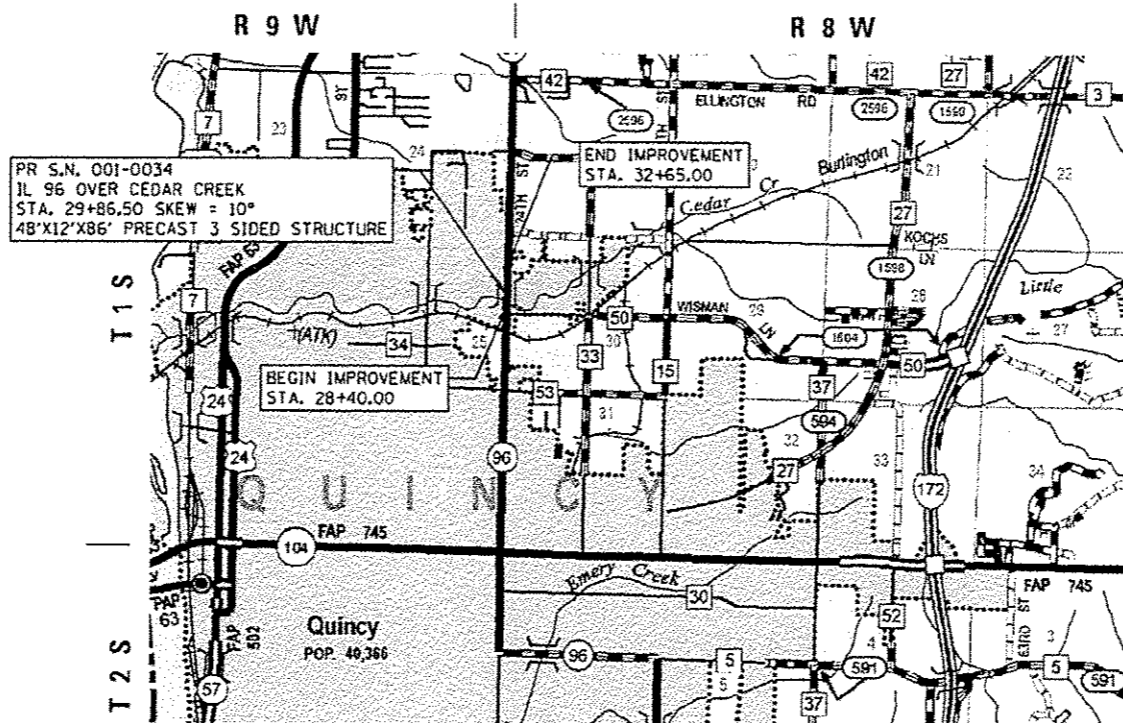


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

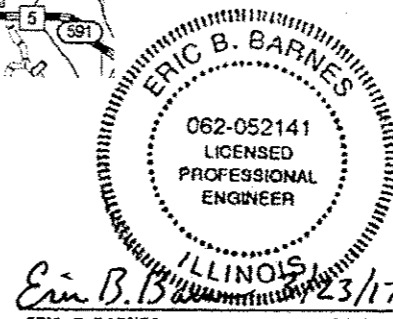
PROJECT ENGINEER: JAY EDWARDS (217) 785-0597
TEAM MANAGER: FRANK SHIMKUS (217) 785-9102

CONTRACT NO. 72G89



LOCATION MAP
SCALE: 1" = 5000'

GROSS LENGTH OF SECTION = 425.00 FT = 0.0805 MILES
NET LENGTH OF SECTION = 425.00 FT = 0.0805 MILES



ERIC B. BARNES
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-052141
LICENSE EXPIRES NOVEMBER 30, 2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 30 March 2017

REGIONAL ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF PROGRAM DEVELOPMENT

PLANS PREPARED BY:
KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

Quincy, Illinois
616 North 24th Street
217.223.3870
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Quincy, IL
Pella, IA
STATE OF ILLINOIS DESIGN FIRM # 1842738

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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STANDARDS

STANDARD NOS.			
000001-06	542301-03	666001-01	701801-06
001001-02	602401-03	701001-02	701901-06
280001-07	602701-02	701006-05	780001-05
424001-09	604001-04	701011-04	781001-04
442201-03	606001-06	701502-07	BLR 21-9
515001-03	664001-02		

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 (TACK COAT)	0.050 POUND / SQ FT (SEE ARTICLE 406.05)
BITUMINOUS MATERIALS (TACK COAT)	0.025 POUND / SQ FT (SEE ARTICLE 406.05)
BITUMINOUS MATERIALS (PRIME COAT)	0.250 POUND / SQ FT (ON AGG BASE)
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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF AN NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES FOR THIS PROJECT.
2. THE TWO (2) 14" TREES AT APPROXIMATELY STATION 30+25, 90' RIGHT SHOULD BE SAVED.
3. THE RESIDENT ENGINEER WILL CONTACT THE PROPERTY OWNER, MICHAEL WESIENBURGER DURING CONSTRUCTION TO IDENTIFY THE LOCATION OF THE GUTTER PIPES AND GUTTER DRAINS IN ORDER TO AVOID DISTURBANCE.

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):	HMA BINDER	HMA SURF CSE	BASE COURSE WIDENING
MIXTURE USE(S):	PG 64-22	PG 64-22	PG 64-22
AC/PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE	N/A	MIX "D"	N/A
QUALITY	QA/QC	QA/QC	QA/QC
SUB-LOT SIZE	N/A	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.
15. SAW CUTS REQUIRED FOR REMOVAL ITEMS WILL NOT BE PAID FOR SEPARATELY. THE COST OF THE SAW CUTS WILL BE INCLUDED IN THE RESPECTIVE REMOVAL PAY ITEM.
16. THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF OPERATIONS (217-782-7314) SHALL BE GIVEN NOTICE OF IMPLEMENTATION OF THE DETOUR 21 DAYS PRIOR TO USING THE DETOUR ROUTE.

DISTRICT SIX

EXAMINED March 6th 20 17

John C. Williams

OPERATIONS ENGINEER

EXAMINED March 16 20 17

John C. Williams

PROJECT IMPLEMENTATION ENGINEER

EXAMINED March 13 20 17

John C. Williams

PROGRAM DEVELOPMENT ENGINEER

FILE NAME: E:\P\0\mca\15672688-1\1-Cert\Notes.dwg



USER NAME = shinkusft	DESIGNED - EBB	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - EBB	REVISED -
PLOT DATE = 4/14/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET INDEX & GENERAL NOTES

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	2
				CONTRACT NO. 72689
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\071\100276\M0 4 - IL 96 Cedar Creek\CAD Sheets\0272017-11\Summry.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS# 6-00738-0000					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE STRUCTURE	100% CITY STRUCTURE			
				0004 URBAN	0011 URBAN	0011 URBAN			
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0.5					
20200100	EARTH EXCAVATION	CU YD	40	40					
20200200	ROCK EXCAVATION	CU YD	85	85					
20300100	CHANNEL EXCAVATION	CU YD	675	675					
20400800	FURNISHED EXCAVATION	CU YD	1355	1355					
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1565		1565				
20800150	TRENCH BACKFILL	CU YD	73	73					
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	68					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	68					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	68					
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.5	1.5					
25100115	MULCH, METHOD 2	ACRE	0.75	0.75					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150	150					

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

USER NAME - ebb	DESIGNED - EBB	REVISED -
PLOT SCALE - 100,0000' / in.	DRAWN - EBB	REVISED -
PLOT DATE - 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	1118-3	ADAMS	69	3
CONTRACT NO. 72689			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				PPS# 6-00738-0000						
				80% FED 20% STATE ROADWAY	80% FED 20% STATE STRUCTURE	100% CITY STRUCTURE				
				0004 URBAN	0011 URBAN	0011 URBAN				
28000305	TEMPORARY DITCH CHECKS	FOOT	200	200						
28000315	AGGREGATE DITCH CHECKS	TON	30	30						
28000400	PERIMETER EROSION BARRIER	FOOT	900	900						
28000500	INLET AND PIPE PROTECTION	EACH	1	1						
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	195	195						
28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	860	860						
28200200	FILTER FABRIC	SQ YD	810	810						
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	401	401						
35650400	BASE COURSE WIDENING 9"	SQ YD	17	17						
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1101	1101						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1742	1742						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	474	474						
40600990	TEMPORARY RAMP	SQ YD	108	108						
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	742	742						

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PLOT SCALE = 100.0000' / 1"	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	1118-3	ADAMS	69	4
CONTRACT NO. 72G89			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS# 6-00738-0000					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE STRUCTURE	100% CITY STRUCTURE			
				0004 URBAN	0011 URBAN	0011 URBAN			
50800105	REINFORCEMENT BARS	POUND	40	40					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	19960		19960				
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1					
54248510	CONCRETE COLLAR	CU YD	0.5	0.5					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	32	32					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	44	44					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	44	44					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	14	14					
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	92	92					
55100500	STORM SEWER REMOVAL 12"	FOOT	57	57					
55101400	STORM SEWER REMOVAL 30"	FOOT	193	193					
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60500040	REMOVING MANHOLES	EACH	2	2					
60500060	REMOVING INLETS	EACH	4	4					

FILE NAME: C:\1017\101700275\VD - IL 96 Enclde Crank\101700275\Sheets\0672089.tbl Summary.pdf

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

USER NAME : abb	DESIGNED - EBB	REVISED -
PLOT SCALE : 100.0000 1" = 100'	DRAWN - EBB	REVISED -
PLOT DATE : 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 7825	SECTION 11B-3	COUNTY ADAMS	TOTAL SHEETS 69	SHEET NO. 6
CONTRACT NO. 72689				
ILLINOIS FED. AID PROJECT				

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FILE NAME: D:\181\181\180726\10 4 - II - 96 Cedar Creek\180726\10 4 - II - 96 Cedar Creek\180726\10 4 - II - 96 Cedar Creek\Sheets\180726\10 4 - II - 96 Cedar Creek\Summry.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS# 6-00738-0000					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE STRUCTURE	100% CITY STRUCTURE			
				0004 URBAN	0011 URBAN	0011 URBAN			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1053	1053					
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	11	11					
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	90	90					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8					
67100100	MOBILIZATION	LSUM	1	1					
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	25					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	80	80					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	27	27					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	63	63					

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* SPECIALTY ITEM



USER NAME : ebb	DESIGNED - EBB	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - RJP	REVISED -
PLOT DATE = 3/27/2017	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 7825	SECTION (11)B-3	COUNTY ADAMS	TOTAL SHEETS 69	SHEET NO. 7
CONTRACT NO. 72G89				ILLINOIS FED. AID PROJECT

INLETS / MANHOLES SCHEDULE

STRUCTURE NUMBER	STATION	SIDE	X0326820 60221000 X0322463		CONNECT TO EX SEWER
			INLETS TYPE E SPECIAL 4'X4'	MANHOLES 5' DIA TYPE 1 OPEN LID EACH	
FAU 7825 (IL 96 / 24th ST)					
1	28+62.3	RT			
A	28+72.5	LT	1		
C	28+72.5	RT	1		1
E	29+00.0	RT		1	
2	31+24.0	RT			
3	30+30.6	LT			
SOUTH BROOK DRIVE					
I	10+65.2	RT	1		
K	11+03.0	LT	1		
TOTALS			4	1	1

STORM SEWER SCHEDULE

STRUCTURE NUMBER	STATION	SIDE	550A0050 550A0090 550A0340 550A0380 550A0430 Z0056612					54213675	X6020399	20800150
			STORM SEWERS					PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30" EACH	CONNECT TO EX MANHOLE EACH	TRENCH BACKFILL CU YD
			TYPE 1 12"	TYPE 1 18"	TYPE 2 12"	TYPE 2 18"	TYPE 2 30"			
FAU 7825 (IL 96 / 24th ST)										
B	28+72.5	LT & RT		44						14.3
D	28+86.5	RT					40			25.4
F	29+24.8	RT					52		1	
G	29+97.4	RT				14				
SOUTH BROOK DRIVE										
H	10+84.0	RT					34		1	22.3
J	11+03.0	LT & RT	32							4.0
L	10+35.3	LT			44					6.5
TOTALS			32	44	44	14	92	34	1	72.5
USE			32	44	44	14	92	34	1	73

CONCRETE COLLAR SCHEDULE

STRUCTURE NUMBER	STATION	SIDE	50800105 54248510	
			REINF BARS POUND	CONCRETE COLLAR CU YD
SOUTH BROOK DRIVE				
G	10+77.0	RT	39	0.42
TOTALS			39	0.42
USE			40	0.5

PERMANENT SURVEY MARKERS, TYPE I

66700205		
STATION	DESCRIPTION	EACH
FAU 7825 (IL 96 / 24th ST)		
31+64.39	PC	1
32+32.08	PI	1
TOTAL		2

DOWNSPOUT ADJUSTMENT

X0327285			
STRUCTURE NUMBER	STATION	SIDE	EACH
SOUTH BROOK DRIVE			
5	10+58.7	LT	1
TOTAL			1

SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

X6026056			
STRUCTURE NUMBER	STATION	SIDE	EACH
FAU 7825 (IL 96 / 24th ST)			
1	28+62.3	RT	1
TOTAL			1

INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL

X6026108			
STRUCTURE NUMBER	STATION	SIDE	EACH
FAU 7825 (IL 96 / 24th ST)			
2	31+24.0	RT	1
3	31+30.6	LT	1
TOTAL			2

INLETS TO BE RECONSTRUCTED (SPECIAL)

X6026800			
STRUCTURE NUMBER	STATION	SIDE	EACH
SOUTH BROOK DRIVE			
4	10+50.6	LT	1
6	11+03.0	RT	1
TOTAL			2

REMOVE CONCRETE END SECTION

X5010523			
STATION	SIDE	OFFSET	EACH
FAU 7825 (IL 96 / 24th ST)			
30+03.3	RT	76.1	1
TOTAL			1

FURNISHING AND ERECTING ROW MARKERS

66600105			
STATION	SIDE	OFFSET	EACH
FAU 7825 (IL 96 / 24th ST)			
28+11.33	RT	45.00	1
28+11.35	RT	36.10	1
28+75.61	RT	45.00	1
28+75.61	RT	55.00	1
29+04.73	LT	47.18	1
29+45.00	RT	135.00	1
29+80.00	LT	90.00	1
30+25.00	RT	100.00	1
30+41.25	RT	100.00	1
30+60.00	LT	90.00	1
31+75.00	LT	46.42	1
TOTAL			11

ENTRANCE SCHEDULE

STATION	SIDE	TYPE	WIDTH	LENGTH	42300400
					PCC DRIVEWAY PAVEMENT 8 INCH SQ YD
SOUTH BROOK DRIVE					
10+77.5	LT	PE	20.0	14.8	36.2
11+31.3	RT	PE	16.0	14.0	28.2
TOTALS					64.4
USE					65

CONCRETE SIDEWALK SCHEDULE

STATION TO STATION	SIDE	WIDTH	42400100	
			CONCRETE SIDEWALK 4"	SQ FT
FAU 7825 (IL 96 / 24th ST)				
28+26.1	30+31.7	RT	10.0	2056.0
30+31.7	30+52.1	RT	11.0	172.6
30+91.8	31+17.2	RT	11.0	227.6
TOTALS				2456.2
USE				2457

CONCRETE CURB AND GUTTER SCHEDULE

STATION TO STATION	SIDE	60605000	
		CONCRETE C&G TY B-6.24	FOOT
FAU 7825 (IL 96 / 24th ST)			
28+40.0	30+24.4	RT	184.5
28+40.0	32+65.0	LT	425.4
31+19.5	32+65.0	RT	145.3
SOUTH BROOK DRIVE			
10+19.4	11+50.0	LT	149.1
10+20.6	11+50.0	RT	148.7
TOTALS			1053.0
USE			1053

CHAIN LINK FENCE, 4' (SPECIAL)

X6640550			
STATION TO STATION	SIDE	FOOT	
FAU 7825 (IL 96 / 24th ST)			
29+22.0	29+52.0	RT	37.8
29+52.0	30+07.0	RT	55.8
29+90.0	30+07.0	RT	42.1
29+62.0	29+66.0	LT	20.4
29+66.0	30+20.0	LT	55.0
30+20.0	30+58.0	LT	51.0
TOTAL			262.1
USE			263

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USER NAME = ebb
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 3/27/2017

DESIGNED - EBB
 DRAWN - EBB
 CHECKED - RJP
 DATE - 3/07/17

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 7825 (11)B-3 ADAMS 69 12
 CONTRACT NO. 72C89
 ILLINOIS FED. AID PROJECT

PAVEMENT REMOVAL

44000100

STATION TO STATION	SIDE	SO YD
FAU 7825 (IL 96 / 24th ST)		
29+25.0 29+83.4	LT & RT	233.6
30+27.5 30+47.3	LT & RT	79.2
TOTAL		312.8
USE		313

NOTE: ITEM INCLUDES BRIDGE APPROACH PAVEMENTS

DRIVEWAY PAVEMENT REMOVAL

44000200

STATION	SIDE	TYPE	SO YD
SOUTHBROOK DRIVE			
10+77.5	LT	HMA	33.8
11+31.3	RT	HMA	27.1
TOTAL			60.9
USE			61

COMBINATION CURB AND GUTTER REMOVAL

44000500

STATION TO STATION	SIDE	FOOT
FAU 7825 (IL 96 / 24th ST)		
28+40.0 39+83.4	RT	143.4
28+40.0 29+83.4	LT	143.4
30+27.4 32+65.0	LT	237.6
31+19.5 32+65.0	RT	145.5
SOUTHBROOK DRIVE		
10+18.0 11+50.0	RT	145.6
10+18.0 11+50.0	LT	149.1
TOTAL		964.6
USE		965

SIDEWALK REMOVAL

44000600

STATION TO STATION	SIDE	WIDTH	SO FT
FAU 7825 (IL 96 / 24th ST)			
28+25.0 29+83.1	RT	10'	1408.7
29+48.9 29+60.3	RT	2'-3'	30.5
29+65.0 29+77.2	RT	1'-2'	14.1
30+27.5 30+56.9	RT	10'	380.9
TOTAL			1834.2
USE			1835

REVTMENT MAT REMOVAL

X0322584

STATION TO STATION	SIDE	SO YD
REALIGNED CEDAR CREEK		
10+60 11+40	LT & RT	178.9
TOTAL		178.9
USE		179

STORM SEWER REMOVAL

55100500 55101400

STATION	SIDE	DESCRIPTION	12"	30"
			FOOT	
FAU 7825 (IL 96 / 24th ST)				
29+16.2	RT	CONC		90
29+61.5	LT	CONC		23
29+62.3	LT & RT	CONC		43
29+80.1	LT	CONC		37
30+31.2	RT	PVC	11	
30+33.3	LT	PVC	9	
31+18.3	RT	CONC	8	
SOUTHBROOK DRIVE				
10+37.9	LT	CONC	29	
TOTAL			57	193

CONCRETE RETAINING WALL REMOVAL

Z0075498

STATION TO STATION	SIDE	DESCRIPTION	CU YD
FAU 7825 (IL 96 / 24th ST)			
29+49.2 29+83.4	RT	WALL/FOUNDATION	9.2
29+66.2 29+83.4	RT	WALL/FOUNDATION	5.4
30+27.5 30+42.1	RT	WALL/FOUNDATION	3.6
30+27.5 30+48.3	RT	WALL	18.7
TOTAL			36.9
USE			37

REMOVING MANHOLES

60500040

STATION	SIDE	OFFSET	DEPTH	EACH
FAU 7825 (IL 96 / 24th ST)				
29+61.0	LT	49.7	9'	1
31+13.0	RT	26.2	4'	1
TOTAL				2

• DEPTHS OBTAINED FROM OLD PLANS (CONTRACTOR TO VERIFY)

REMOVING INLETS

60500060

STATION	SIDE	OFFSET	DEPTH	EACH
FAU 7825 (IL 96 / 24th ST)				
29+62.5	RT	23.0	9'	1
29+62.1	LT	23.0	10'	1
30+33.9	RT	23.0	14'	1
30+34.7	LT	23.0	14'	1
TOTAL				4

• DEPTHS OBTAINED FROM OLD PLANS (CONTRACTOR TO VERIFY)

MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

78009000

STATION TO STATION	SIDE	DESCRIPTION	WHITE SQ FT
FAU 7825 (IL 96 / 24th ST)			
29+09.5 29+41.5	LT & RT	LEFT TURN ARROWS	31.2
31+66.5 31+98.5	LT & RT	LEFT TURN ARROWS	31.2
TOTAL			62.4
USE			63

MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

78009005

STATION TO STATION	SIDE	DESCRIPTION	YELLOW FOOT
			FAU 7825 (IL 96 / 24th ST)
28+40.0 28+66.5	RT CL	CHANNELIZATION	53.0
28+66.5 30+50.0	RT CL	SOLID	183.5
28+66.5 30+50.0	RT CL	SKIP-DASH	50.0
28+40.0 28+66.5	LT CL	CHANNELIZATION	53.0
28+66.5 30+50.0	LT CL	SOLID	183.5
28+66.5 30+50.0	LT CL	SKIP-DASH	50.0
30+95.0 32+65.0	RT CL	SOLID	170.0
30+95.0 32+65.0	RT CL	SKIP-DASH	50.0
30+95.0 32+65.0	LT CL	SOLID	170.0
30+95.0 32+65.0	LT CL	SKIP-DASH	50.0
TOTAL			1013.0
USE			1013

RAISED REFLECTIVE PAVEMENT MARKERS

78100100

STATION TO STATION	SIDE	MAXIMUM SPACING	EACH	
			1-WAY AMBER	2-WAY AMBER
FAU 7825 (IL 96 / 24th ST)				
28+40.0 28+66.5	RT CL	40	1	
28+40.0 28+66.5	LT CL	40	1	
28+66.5 30+50.0	RT CL	40		5
28+66.5 30+50.0	LT CL	40		5
30+95.0 32+65.0	RT CL	40		5
30+95.0 32+65.0	LT CL	40		5
TOTALS			2	20
USE			22	

ESTIMATED STRIPING QUANTITIES

PAY ITEM NUMBER	PAY ITEM	UNIT	QUANTITY	LOCATION/REASON
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	80	TEMPORARY STRIPING ON SURFACE
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	27	REMOVE SHORT-TERM STRIPING
70300210	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	SO FT	63	TEMPORARY STRIPING ON SURFACE
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	1013	TEMPORARY STRIPING ON SURFACE
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	486	REMOVE TEMPORARY STRIPING

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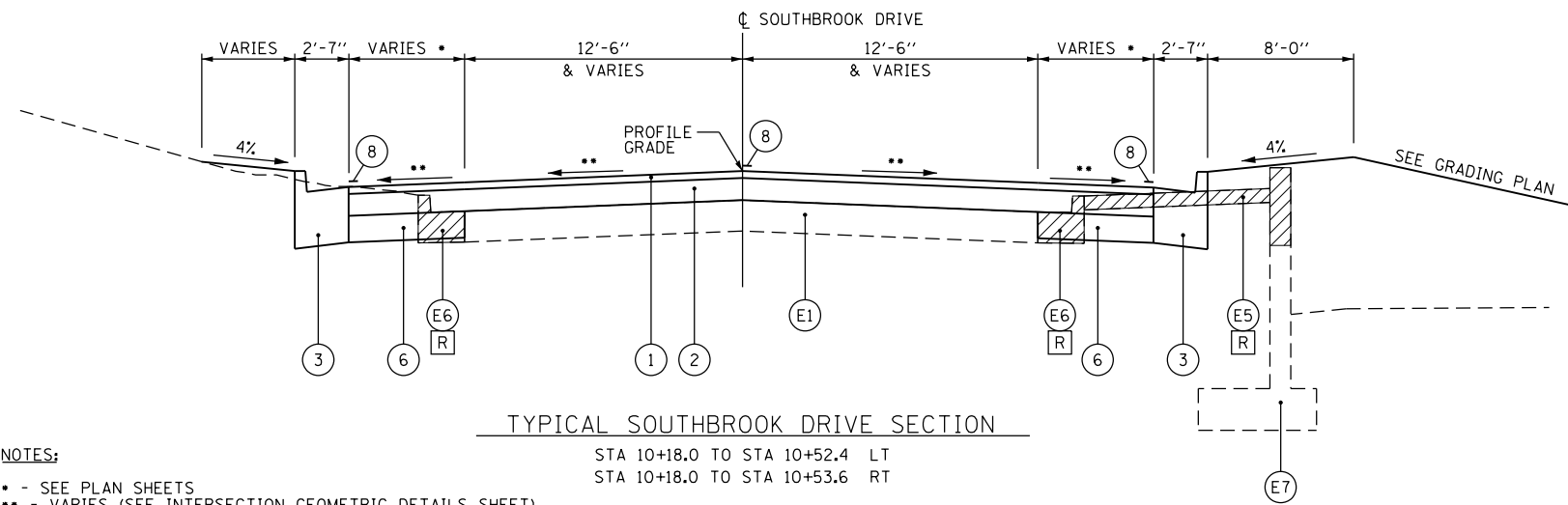
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 DRAWN - EBB
 CHECKED - RJP
 DATE - 3/07/17

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

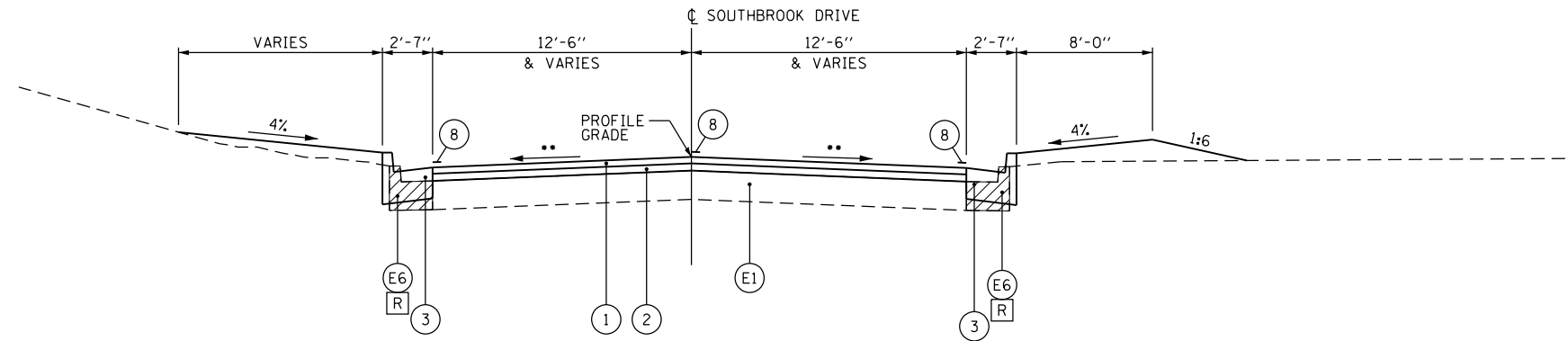
F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 7825 (11)B-3 ADAMS 69 13
 CONTRACT NO. 72C89
 ILLINOIS FED. AID PROJECT



TYPICAL SOUTHBROOK DRIVE SECTION

STA 10+18.0 TO STA 10+52.4 LT
 STA 10+18.0 TO STA 10+53.6 RT

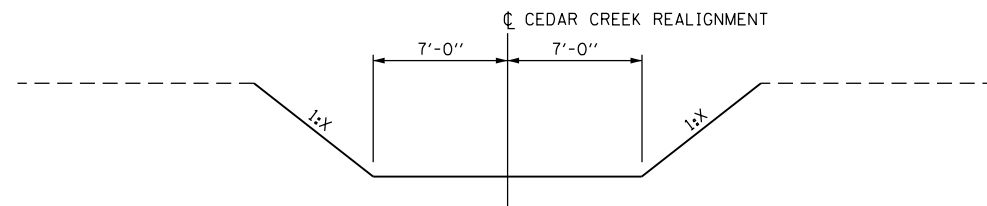
NOTES:
 • - SEE PLAN SHEETS
 •• - VARIES (SEE INTERSECTION GEOMETRIC DETAILS SHEET)



TYPICAL SOUTHBROOK DRIVE SECTION

STA 10+52.4 TO STA 11+50.0 LT
 STA 10+53.6 TO STA 11+50.0 RT

NOTES:
 •• - VARIES (SEE INTERSECTION GEOMETRIC DETAILS SHEET)



TYPICAL CEDAR CREEK REALIGNMENT SECTION

STA 9+65.0 TO 12+29.4

NOTES:
 - SEE CROSS SECTIONS AND GRADING PLAN FOR SLOPES

- EXISTING LEGEND
- (E1) EX PAVEMENT
 - (E2) EX 9-6-9 PCC PAVEMENT
 - (E3) EX BITUMINOUS CONCRETE SURFACE & BINDER COURSE, 4 3/4"
 - (E4) EX HMA BASE COURSE, 9"
 - (E5) EX SIDEWALK
 - (E6) EX COMBINATION CONCRETE CURB AND/OR GUTTER
 - (E7) EXISTING CANTILEVER RETAINING WALL
 - [R] ITEM TO BE REMOVED
 - [Hatched Box] ITEM TO BE REMOVED

- PROPOSED LEGEND
- (1) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
 - (2) PR HOT-MIX ASPHALT BINDER COURSE, VARIABLE DEPTH (2 1/4" MIN)
 - (3) PR COMBINATION CONCRETE CURB AND GUTTER, TY B-6.24
 - (4) PR PORTLAND CEMENT CONCRETE SIDEWALK 4"
 - (5) PR HOT-MIX ASPHALT BINDER COURSE, 9"
 - (6) PR BASE COURSE WIDENING, 9"
 - (7) PR SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
 - (8) PR PAVEMENT MARKING

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DRAWN - EBB	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - RJP	REVISIONS -
PLOT DATE = 3/27/2017	DATE - 3/07/17	REVISIONS -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	15
CONTRACT NO. 72089				
ILLINOIS FED. AID PROJECT				

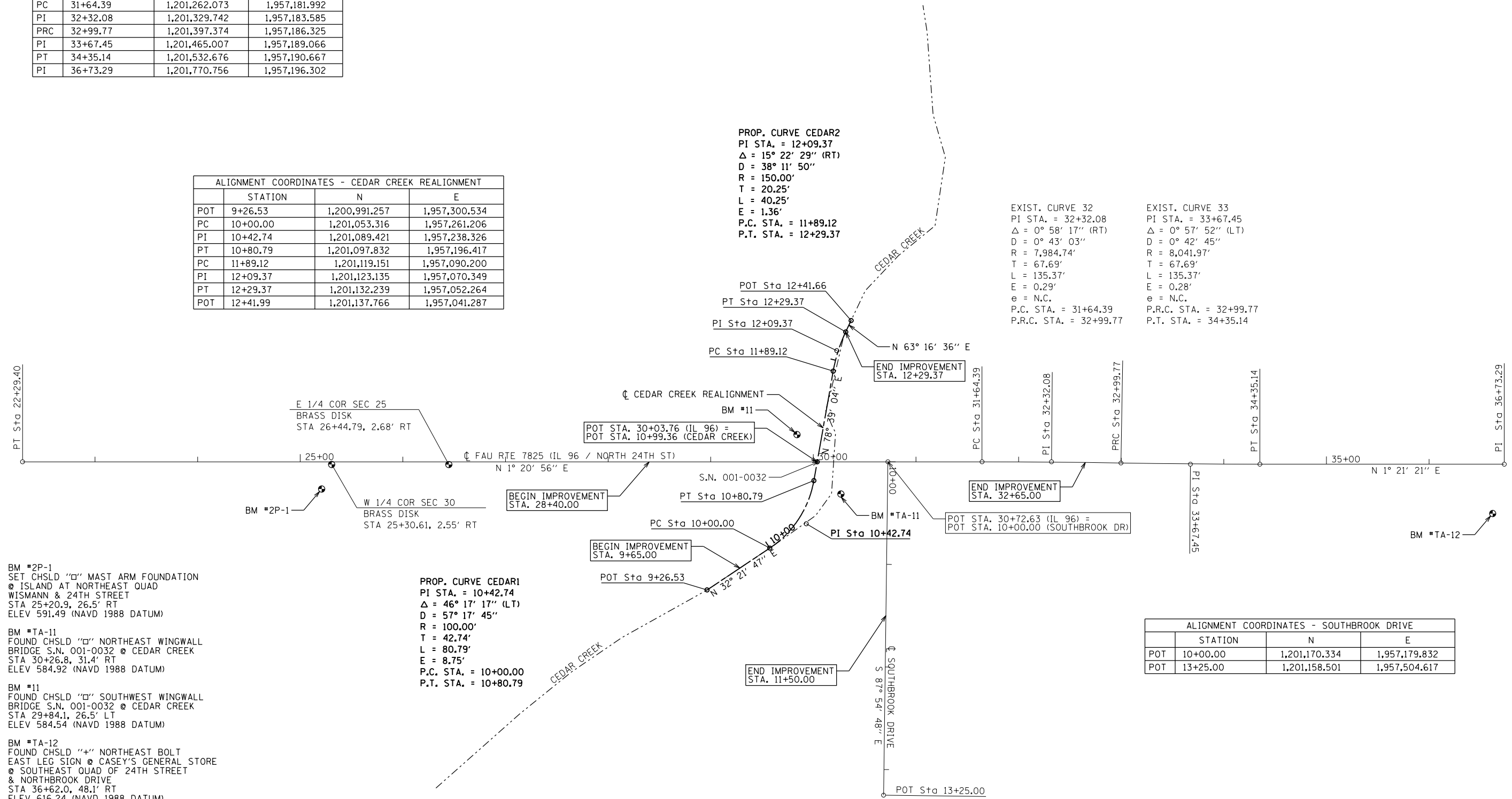
ALIGNMENT COORDINATES - IL 96 / NORTH 24TH ST			
	STATION	N	E
PT	22+29.40	1,200,327.336	1,957,159.983
PC	31+64.39	1,201,262.073	1,957,181.992
PI	32+32.08	1,201,329.742	1,957,183.585
PRC	32+99.77	1,201,397.374	1,957,186.325
PT	33+67.45	1,201,465.007	1,957,189.066
PT	34+35.14	1,201,532.676	1,957,190.667
PI	36+73.29	1,201,770.756	1,957,196.302

ALIGNMENT COORDINATES - CEDAR CREEK REALIGNMENT			
	STATION	N	E
POT	9+26.53	1,200,991.257	1,957,300.534
PC	10+00.00	1,201,053.316	1,957,261.206
PI	10+42.74	1,201,089.421	1,957,238.326
PT	10+80.79	1,201,097.832	1,957,196.417
PC	11+89.12	1,201,119.151	1,957,090.200
PI	12+09.37	1,201,123.135	1,957,070.349
PT	12+29.37	1,201,132.239	1,957,052.264
POT	12+41.99	1,201,137.766	1,957,041.287

PROP. CURVE CEDAR2
 PI STA. = 12+09.37
 $\Delta = 15^\circ 22' 29''$ (RT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 20.25'$
 $L = 40.25'$
 $E = 1.36'$
 P.C. STA. = 11+89.12
 P.T. STA. = 12+29.37

EXIST. CURVE 32
 PI STA. = 32+32.08
 $\Delta = 0^\circ 58' 17''$ (RT)
 $D = 0^\circ 43' 03''$
 $R = 7,984.74'$
 $T = 67.69'$
 $L = 135.37'$
 $E = 0.29'$
 $e = N.C.$
 P.C. STA. = 31+64.39
 P.R.C. STA. = 32+99.77

EXIST. CURVE 33
 PI STA. = 33+67.45
 $\Delta = 0^\circ 57' 52''$ (LT)
 $D = 0^\circ 42' 45''$
 $R = 8,041.97'$
 $T = 67.69'$
 $L = 135.37'$
 $E = 0.28'$
 $e = N.C.$
 P.R.C. STA. = 32+99.77
 P.T. STA. = 34+35.14



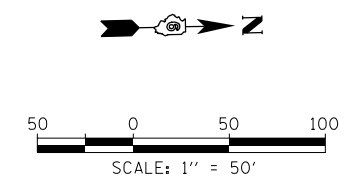
BM #2P-1
 SET CHSLD "□" MAST ARM FOUNDATION
 @ ISLAND AT NORTHEAST QUAD
 WISMANN & 24TH STREET
 STA 25+20.9, 26.5' RT
 ELEV 591.49 (NAVD 1988 DATUM)

BM #TA-11
 FOUND CHSLD "□" NORTHEAST WINGWALL
 BRIDGE S.N. 001-0032 @ CEDAR CREEK
 STA 30+26.8, 31.4' RT
 ELEV 584.92 (NAVD 1988 DATUM)

BM #11
 FOUND CHSLD "□" SOUTHWEST WINGWALL
 BRIDGE S.N. 001-0032 @ CEDAR CREEK
 STA 29+84.1, 26.5' LT
 ELEV 584.54 (NAVD 1988 DATUM)

BM #TA-12
 FOUND CHSLD "+" NORTHEAST BOLT
 EAST LEG SIGN @ CASEY'S GENERAL STORE
 @ SOUTHEAST QUAD OF 24TH STREET
 & NORTHBROOK DRIVE
 STA 36+62.0, 48.1' RT
 ELEV 616.24 (NAVD 1988 DATUM)

ALIGNMENT COORDINATES - SOUTHBROOK DRIVE			
	STATION	N	E
POT	10+00.00	1,201,170.334	1,957,179.832
POT	13+25.00	1,201,158.501	1,957,504.617



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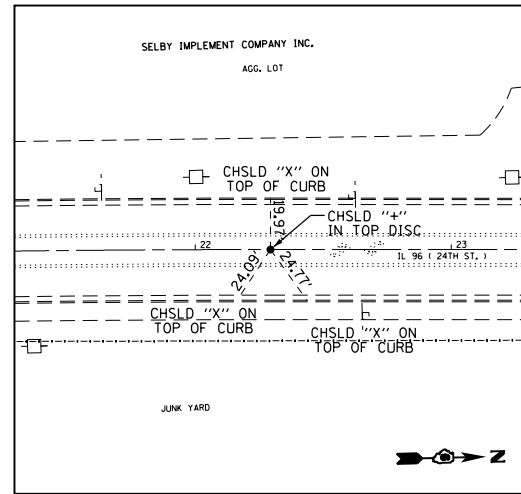
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	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

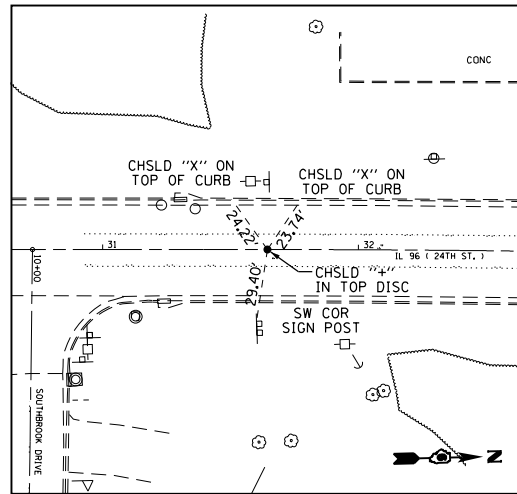
HORIZONTAL ALIGNMENTS & BENCHMARK INFORMATION

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 22+29.40 TO STA. 36+73.29

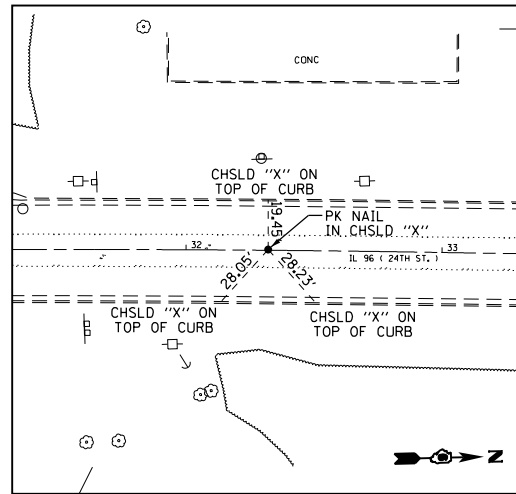
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	16
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



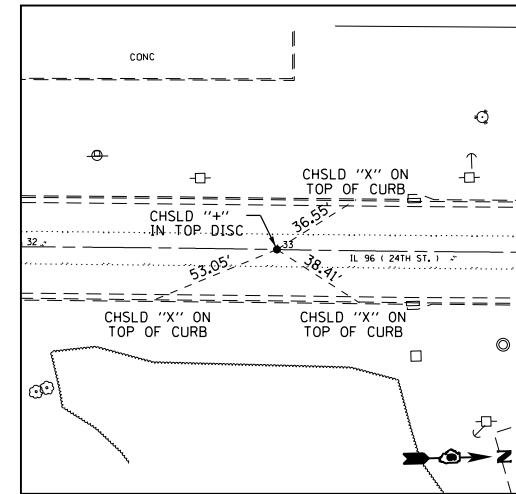
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PT STA 22+29.40
(CHSLD '+' TOP DISC)
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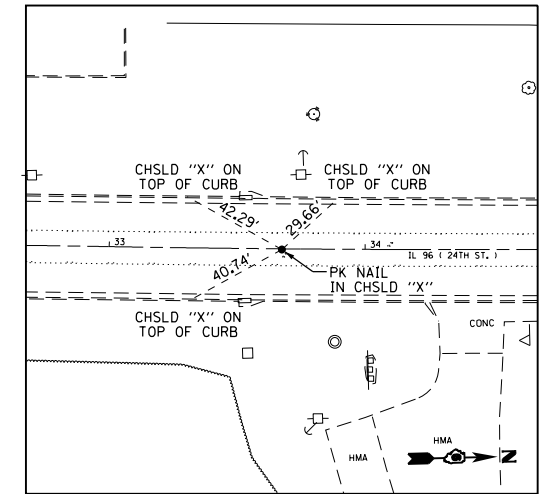
FAU 7825 (IL 96)
PC STA 31+64.39
(CHSLD '+' TOP DISC)
N=1,201,262.073, E=1,957,181.992



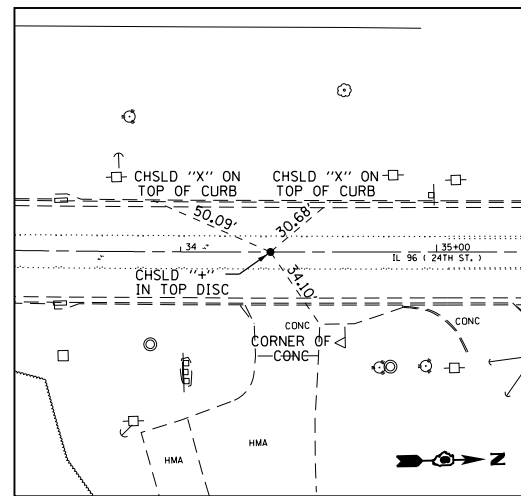
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PI STA 32+32.08
(PK NAIL IN CHSLD 'X')
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FAU 7825 (IL 96)
PRC STA 32+99.77
(CHSLD '+' TOP DISC)
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FAU 7825 (IL 96)
PI STA 33+67.45
(PK NAIL IN CHSLD 'X')
N=1,201,465.007, E=1,957,189.066



FAU 7825 (IL 96)
PT STA 34+35.14
(CHSLD '+' TOP DISC)
N=1,201,532.676, E=1,957,190.667

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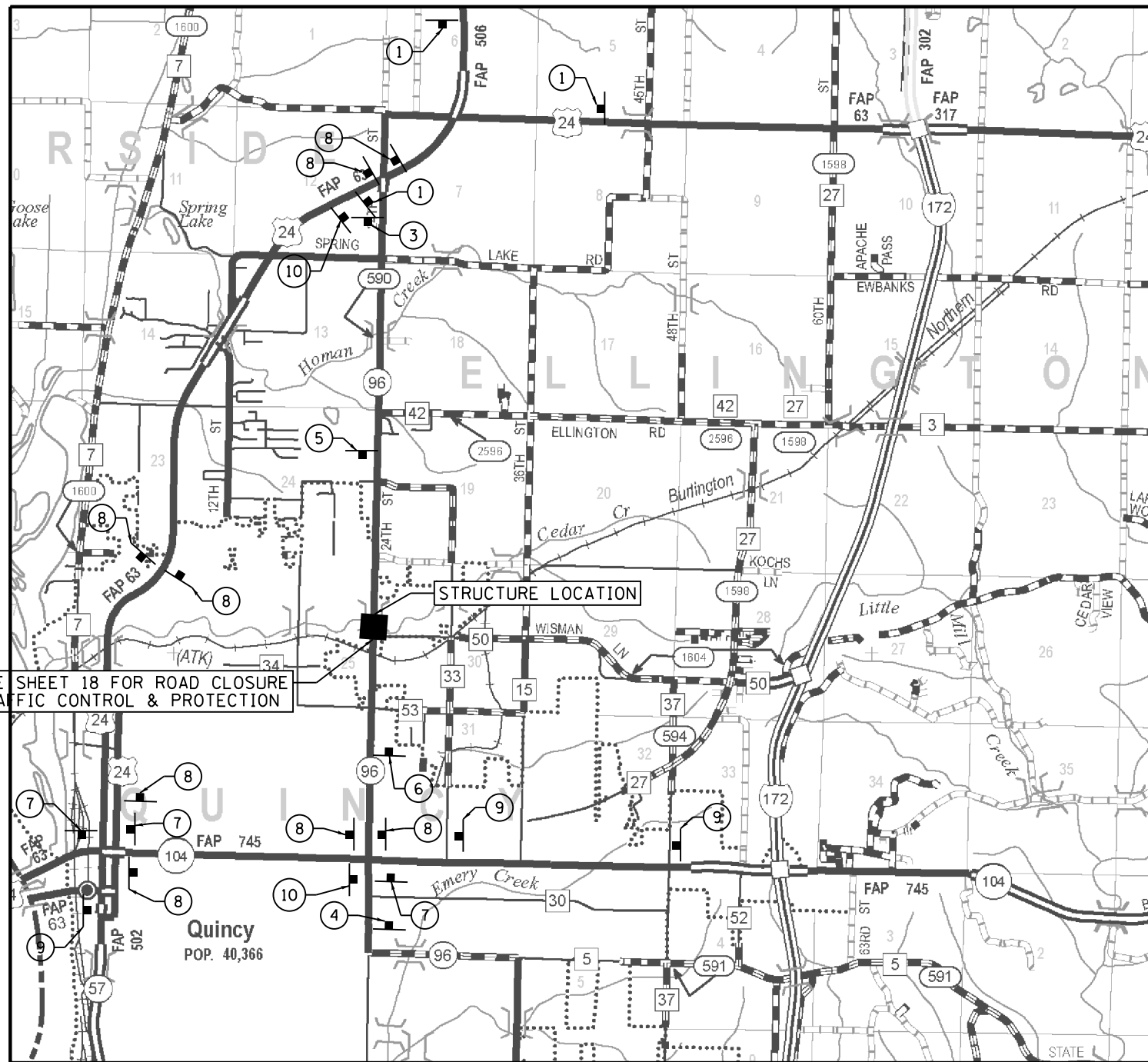
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	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL TIES

SCALE: none SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	17
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

- 1) FLAGS SHALL BE USED AT EACH DETOUR SIGN LOCATION.
- 2) SEE SHEET 18 FOR DETAILS OF ROAD CLOSURE AT THE IMMEDIATE VICINITY OF THE CEDAR 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) IDOT DISTRICT 6 BUREAU OF OPERATIONS (217-782-7314) SHALL BE GIVEN NOTICE OF IMPLEMENTATION OF THIS DETOUR 21 DAYS PRIOR TO USING THE DETOUR ROUTE.
- 10) 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:
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:
E-MAIL: ACHD@ADAMS.NET

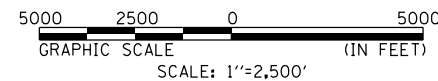
COMMUNITY UNIT SCHOOL DISTRICT NO. 172 (QUINCY):

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

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

SIGNAGE LEGEND

- | | | | | |
|---|---------------------------------|-----------------------------------|---|---|
| ① R11-3(O) - 60"x45"
3 EACH | ③ R11-3(O) - 60"x30"
1 EACH | ⑤ R11-3(O) - 60"x30"
1 EACH | ⑦ M4-8(O) - 24"x24" WITH
M6-1(O) - 21"x15"
3 EACH | ⑨ R11-3(O) - 60"x45"
3 EACH |
| ② IL 96 CLOSED
3 MILES SOUTH
OF US 24/IL 96 | ④ IL 96 CLOSED
3 MILES AHEAD | ⑥ IL 96 CLOSED
1 MILE AHEAD | ⑧ M4-8(O) - 24"x24" WITH
M6-1(O) - 21"x15"
8 EACH | ⑩ M4-8(O) - 24"x24" WITH
M4-6(O) - 24"x12"
2 EACH |
| | ④ IL 96 CLOSED
2 MILES AHEAD | ⑥ IL 96 CLOSED
0.4 MILES AHEAD | ⑧ DETOUR
IL 96
→ ← | ⑩ IL 96 CLOSED
1.6 MILES NORTH
OF IL 104/IL 96 |
| | | | ⑧ DETOUR
IL 96
↑ | ⑩ DETOUR
IL 96
END |



FILE NAME = D:\10\102275\VO 4 - IL 96 Cedar Creek\CADD_Sheets\0672089-sh1-Detour.dgn

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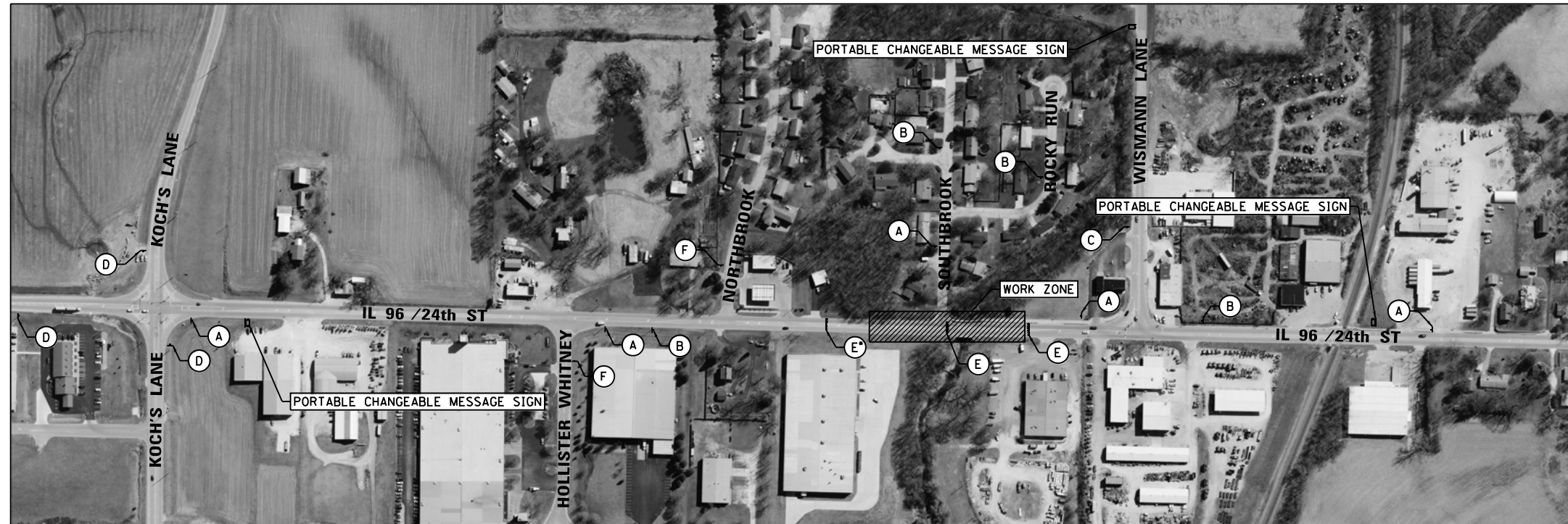
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PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

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DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

SCALE: 1"=2500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	18
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



• STAGGERED FOR LOCAL TRAFFIC

SIGNAGE LEGEND

(A) - W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS 5 EACH



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



(E) - TYPE III BARRICADES WITH R11-2(W) - 48"x30" AND FLASHING BI-DIRECTIONAL LIGHTS 9 EACH

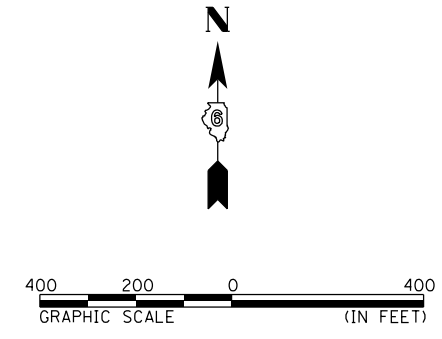


(F) - W20-1103(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS 2 EACH



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 SIGN".
- 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 18 FOR ADDITIONAL INFORMATION AND DETOUR SIGNAGE.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROAD CLOSURE PLAN

SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	19
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

CHAIN LINK FENCE STATION / OFFSET

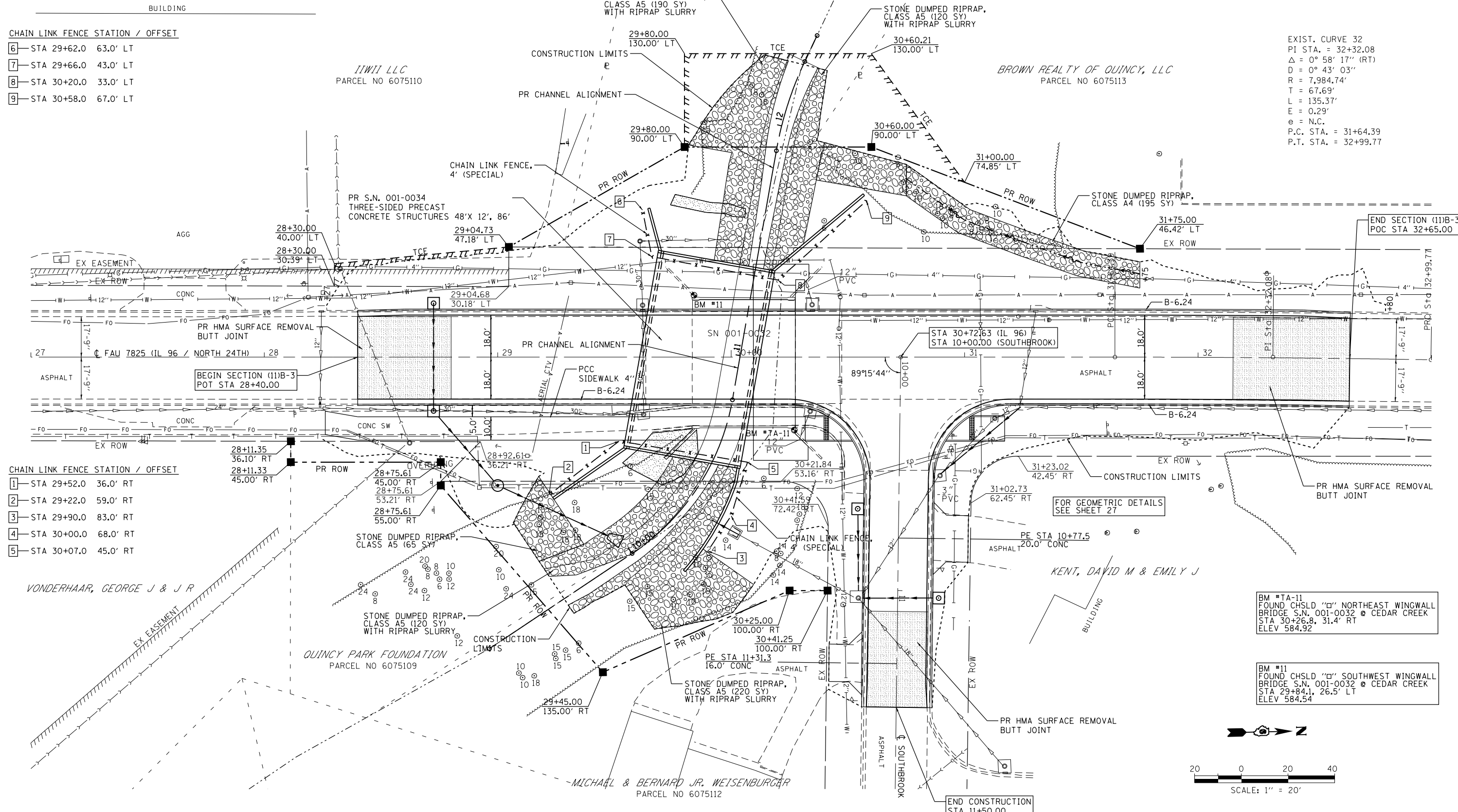
- 6—STA 29+62.0 63.0' LT
- 7—STA 29+66.0 43.0' LT
- 8—STA 30+20.0 33.0' LT
- 9—STA 30+58.0 67.0' LT

CHAIN LINK FENCE STATION / OFFSET

- 1—STA 29+52.0 36.0' RT
- 2—STA 29+22.0 59.0' RT
- 3—STA 29+90.0 83.0' RT
- 4—STA 30+00.0 68.0' RT
- 5—STA 30+07.0 45.0' RT

EXIST. CURVE 32
 PI STA. = 32+32.08
 $\Delta = 0^\circ 58' 17''$ (RT)
 $D = 0^\circ 43' 03''$
 $R = 7,984.74'$
 $T = 67.69'$
 $L = 135.37'$
 $E = 0.29'$
 $e = N.C.$
 P.C. STA. = 31+64.39
 P.T. STA. = 32+99.77

FILE NAME = D:\10\102275.V0 4 - IL 96 Cedar Creek\CD00_Sheets\0672089-sh1-Plan.dgn



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	DATE - 3/07/17	REVISED -

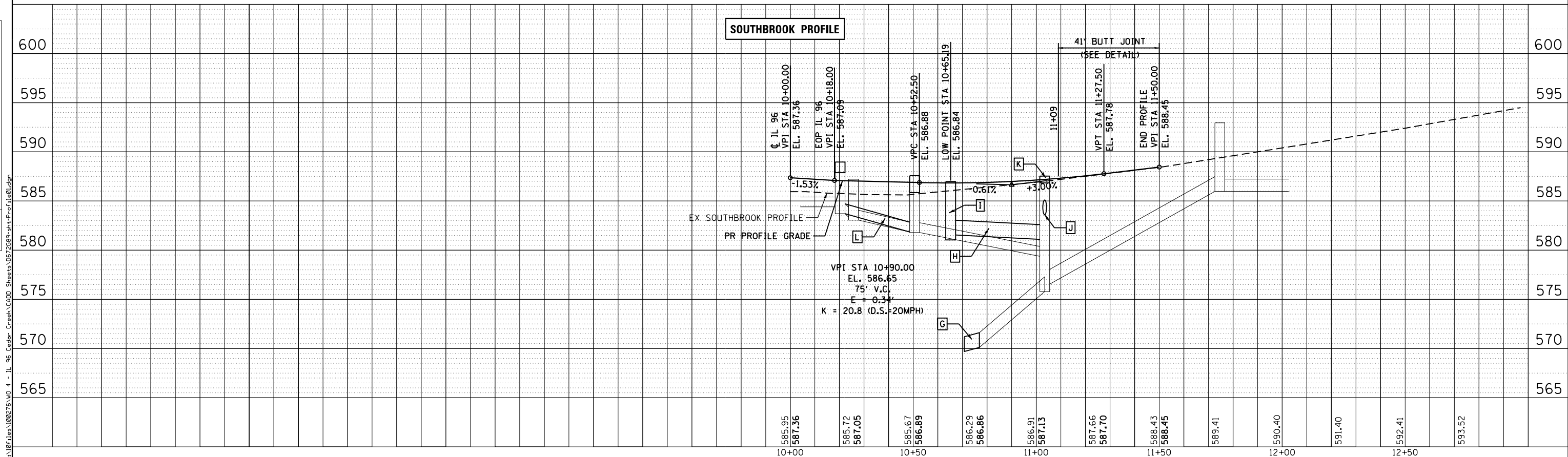
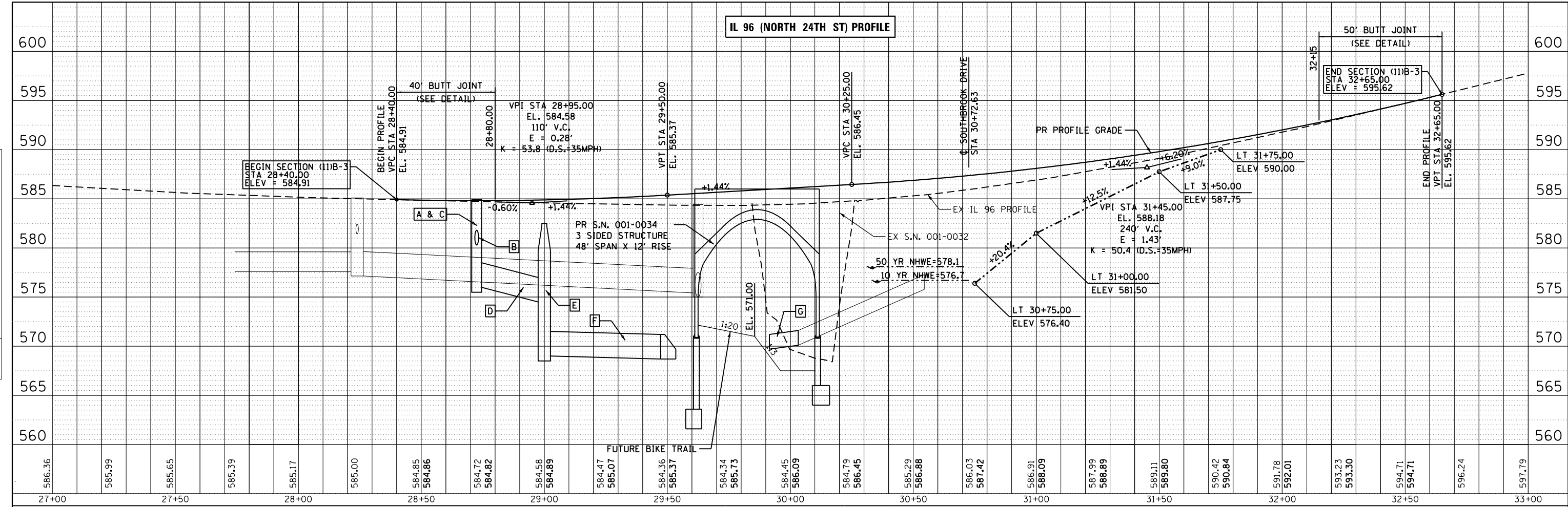
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. 27+00 TO STA. 33+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	20
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



USER NAME = ebb	DESIGNED - EBB	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
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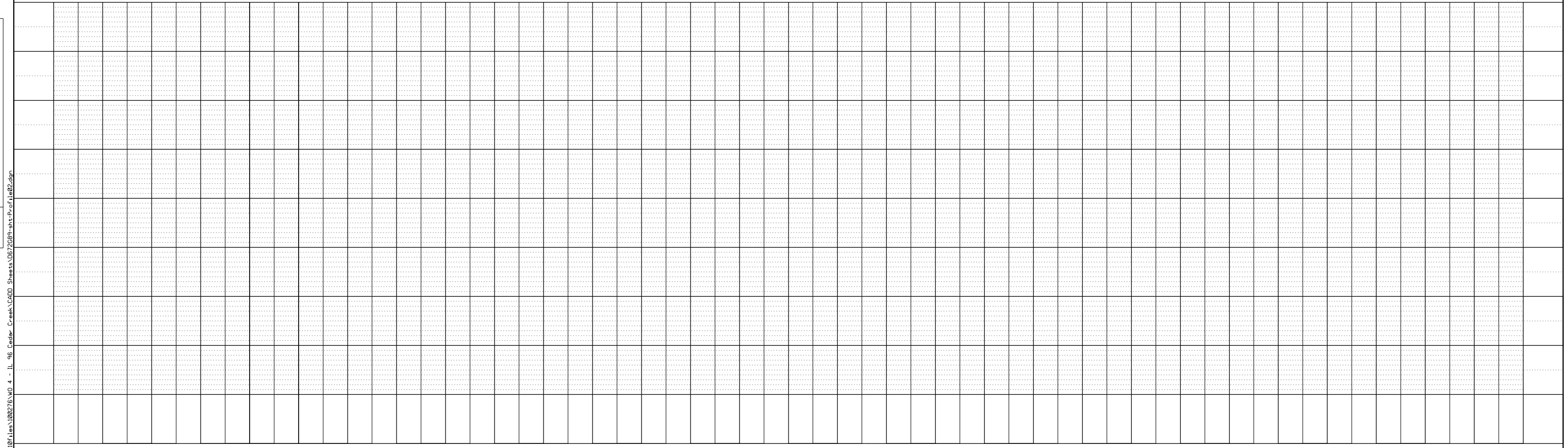
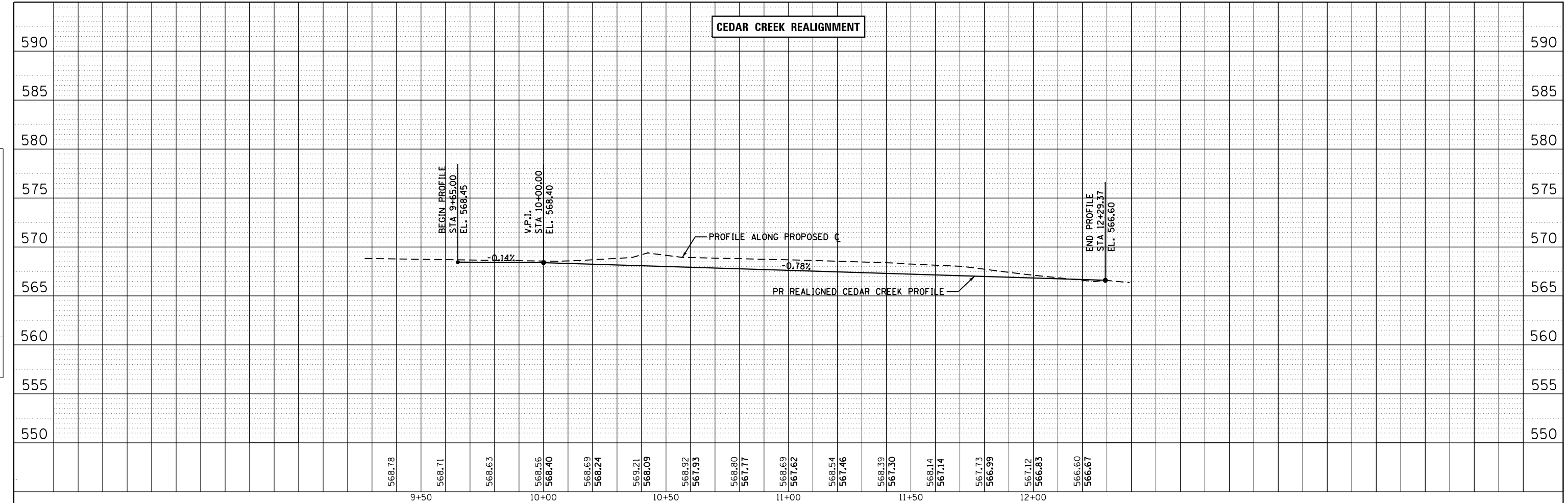
PROFILE SHEETS	
FAU 7825 (IL 96 / NORTH 24th ST)	
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS
STA. 27+00	TO STA. 33+00

F.A.U. RTE. 7825	SECTION (11)B-3	COUNTY ADAMS	TOTAL SHEETS 69	SHEET NO. 21
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\10\Plan\100276.wd 4 - IL 96 Cedar Creek\CADD Sheets\0672089-sha-Fa01.dgn

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	PLOTTED		
	ALIGNMENT		
	CHECKED		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	NO.		
	STRUCTURE		
	NOTATIS		
	CPAD		



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PLOT SCALE = 40.0000' / in.	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE SHEETS	
FAU 7825 (IL 96 /NORTH 24th ST)	
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS
STA. 9+65	TO STA. 12+29.4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	22
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

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SEC 25, T 1 S, R 9 W, 4th PM

QUINCY PARK FOUNDATION
PARCEL NO 6075109

BROWN REALTY OF QUINCY, LLC
PARCEL NO 6075112

LIWII LLC
PARCEL NO 6075110

KENT, DAVID M & EMILY J

VONDERHAAR, GEORGE J & J R

BERNARD JR. WEISENBURGER
PARCEL NO 6075111

SEC 30, T 1 S, R 8 W, 4th PM

A STA 28+72.5 20.58' LT
INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
TOP OF CURB = 584.93
FL = 580.40
INV (E) = 580.90

B STORM SEWERS, CLASS A, TYPE 1 18", 44'
USFL = 580.90 DSFL = 580.30
SLOPE = 1.4%
TRENCH BACKFILL = 14.3 CU YD

C STA 28+72.5 20.58' RT
INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
TOP OF CURB = 584.93
FL = 575.50
INV (W) = 580.30
INV (S) = 576.53 (CONNECT TO EX 30" SS)
INV (E) = 576.00

D STORM SEWERS, CLASS A, TYPE 2 30", 40'
USFL = 576.00 DSFL = 574.50
SLOPE = 3.8%
TRENCH BACKFILL = 25.4 CU YD

E STA 29+00.0 55.0' RT
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID, 1 EACH
TOP OF LID = 582.50
FL = 568.50
INV (W) = 574.50
INV (N) = 569.00

F STORM SEWERS, CLASS A, TYPE 2 30", 52'
USFL = 569.00 DSFL = 568.70
SLOPE = 0.5%
STA 29+47.3 76.6' RT
PRECAST REINF CONC FLARED END SECTIONS 30", 1 EACH
AGG

G CONCRETE COLLAR (SEE DETAILS)
STORM SEWERS, CLASS A, TYPE 2 18", 14'
USFL = 570.10 DSFL = 569.70
SLOPE = 2.8%
STA 29+91.5 69.7' RT

H STORM SEWER (WATER MAIN REQUIREMENTS) 18", 34'
USFL = 581.55 DSFL = 581.10
SLOPE = 1.3%
TRENCH BACKFILL = 22.3 CU YD
CONNECTION TO EXISTING MANHOLE, 1 EACH

I STA 10+65.2 15.08' RT
INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
TOP OF CURB = 586.98
FL = 581.05
INV (E) = 581.55

J STORM SEWERS, CLASS A, TYPE 1 12", 32'
USFL = 583.90 DSFL = 583.60
SLOPE = 1.0%
TRENCH BACKFILL = 4.0 CU YD

K STA 11+03.0 15.08' LT
INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
TOP OF CURB = 587.53
FL = 583.40
INV (S) = 583.90

L STORM SEWERS, CLASS A, TYPE 2 12", 44'
USFL = 583.71 (MATCH EX) DSFL = 581.85 (MATCH EX)
SLOPE = 4.2%
TRENCH BACKFILL = 6.5 CU YD

1 STA 28+62.3 36.8' RT
SANITARY MH TO BE ADJ W NEW TY 1 FR, CLSD LID, 1 EACH
TOP OF LID = 585.30

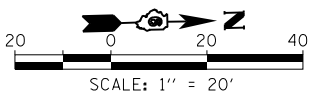
2 STA 31+24.0 20.6' RT
INLETS TO BE RECON W NEW FR & GR, SPECIAL
TOP OF CURB = 588.96

3 STA 31+30.6 20.6' LT
INLETS TO BE RECON W NEW FR & GR, SPECIAL
TOP OF CURB = 589.19

4 STA 10+50.6 15.2' LT
INLETS TO BE RECON (SPECIAL)
TOP OF CURB = 587.58

5 EXISTING DOWNSPOUT PIPE ADJUSTMENT, 1 EACH
INV (S) = 587.60

6 STA 11+03.0 15.1' LT
INLETS TO BE RECON (SPECIAL)
TOP OF CURB = 587.27
INV (N) = 583.60
INV (W) = 581.10
INV (SW) = 575.79 (EX)
INV (NW) = 579.38 (EX)
INV (NE) = 576.55 (EX)



FILE NAME = D:\10\102725.V0 4 - IL 96 Coadr. Creek\CAD\Drawings\102725-111-06-StormSewer.dwg

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USER NAME = ebb
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PLOT DATE = 3/27/2017

DESIGNED - EBB
DRAWN - EBB
CHECKED - RJP
DATE - 3/07/17

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REVISED -
REVISED -
REVISED -

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DEPARTMENT OF TRANSPORTATION

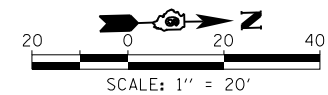
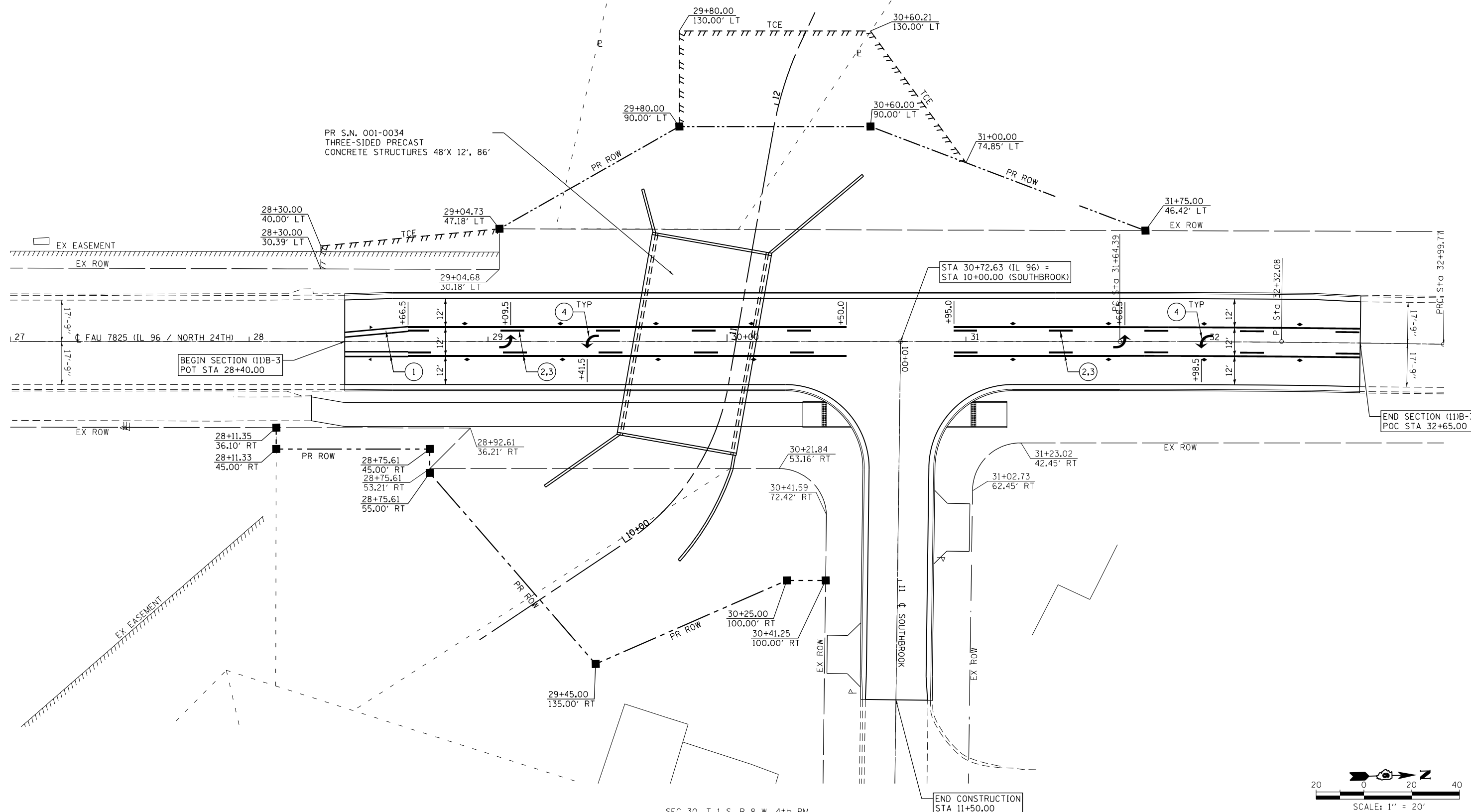
SCALE: 1"=20'
SHEET 1 OF 1 SHEETS
STA. 27+00 TO STA. 33+00

STORM SEWER PLAN
FAU 7825 (IL 96 / NORTH 24th ST)

F.A.U. R.T.E. 7825
SECTION (11)B-3
COUNTY ADAMS
TOTAL SHEETS 69
SHEET NO. 23
CONTRACT NO. 72C89
ILLINOIS FED. AID PROJECT

PAVEMENT MARKING LEGEND

- ① PR MODIFIED URETHANE PAVEMENT MARKING, LINE 5" (DUAL SOLID YELLOW)
- ② PR MODIFIED URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ③ PR MODIFIED URETHANE PAVEMENT MARKING, LINE 5" (30' SKIP, 10' DASH YELLOW)
- ④ PR MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (SOLID WHITE)
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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PLOT DATE = 4/5/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 FAU 7825 (IL 96 / NORTH 24th ST)**

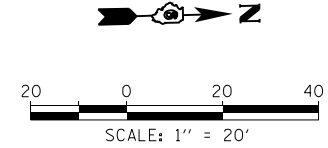
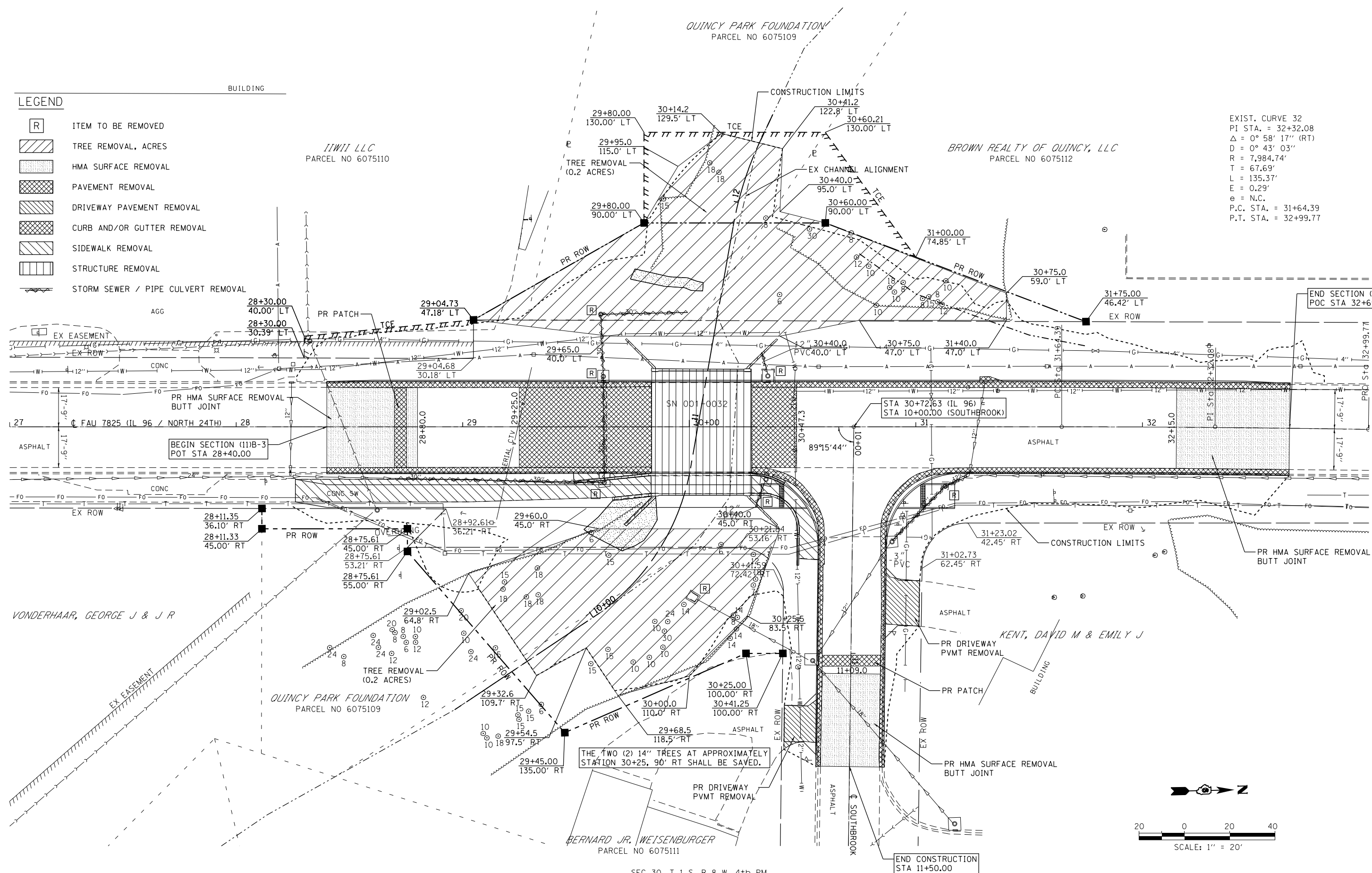
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	24
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

LEGEND

- R ITEM TO BE REMOVED
- TREE REMOVAL, ACRES
- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CURB AND/OR GUTTER REMOVAL
- SIDEWALK REMOVAL
- STRUCTURE REMOVAL
- STORM SEWER / PIPE CULVERT REMOVAL

EXIST. CURVE 32
 PI STA. = 32+32.08
 $\Delta = 0^\circ 58' 17''$ (RT)
 $D = 0^\circ 43' 03''$
 $R = 7,984.74'$
 $T = 67.69'$
 $L = 135.37'$
 $E = 0.29'$
 $e = N.C.$
 P.C. STA. = 31+64.39
 P.T. STA. = 32+99.77



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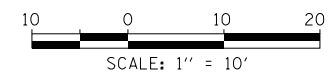
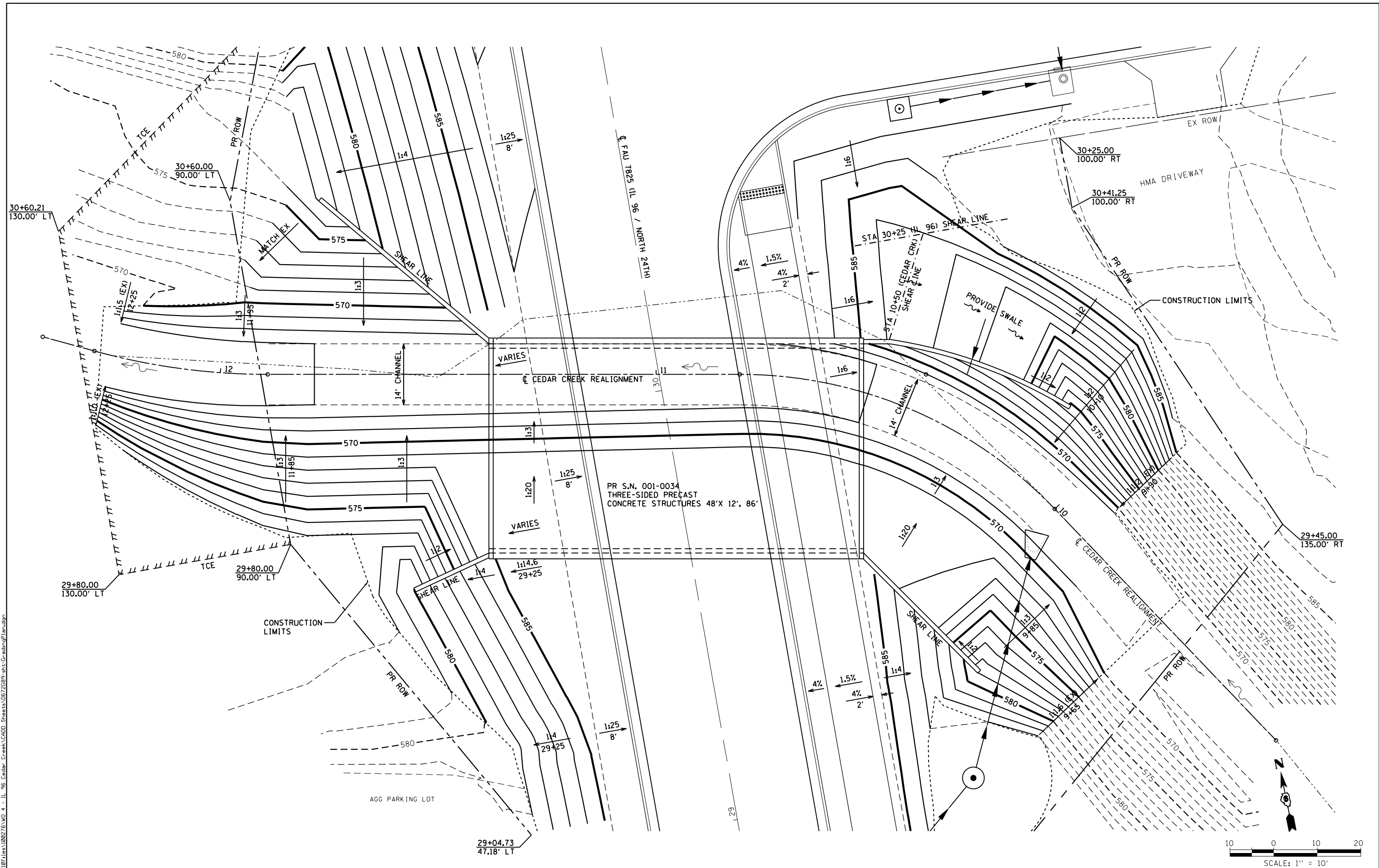
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PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
FAU 7825 (IL 96 / NORTH 24th ST)	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS
STA. 27+00	TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	25
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

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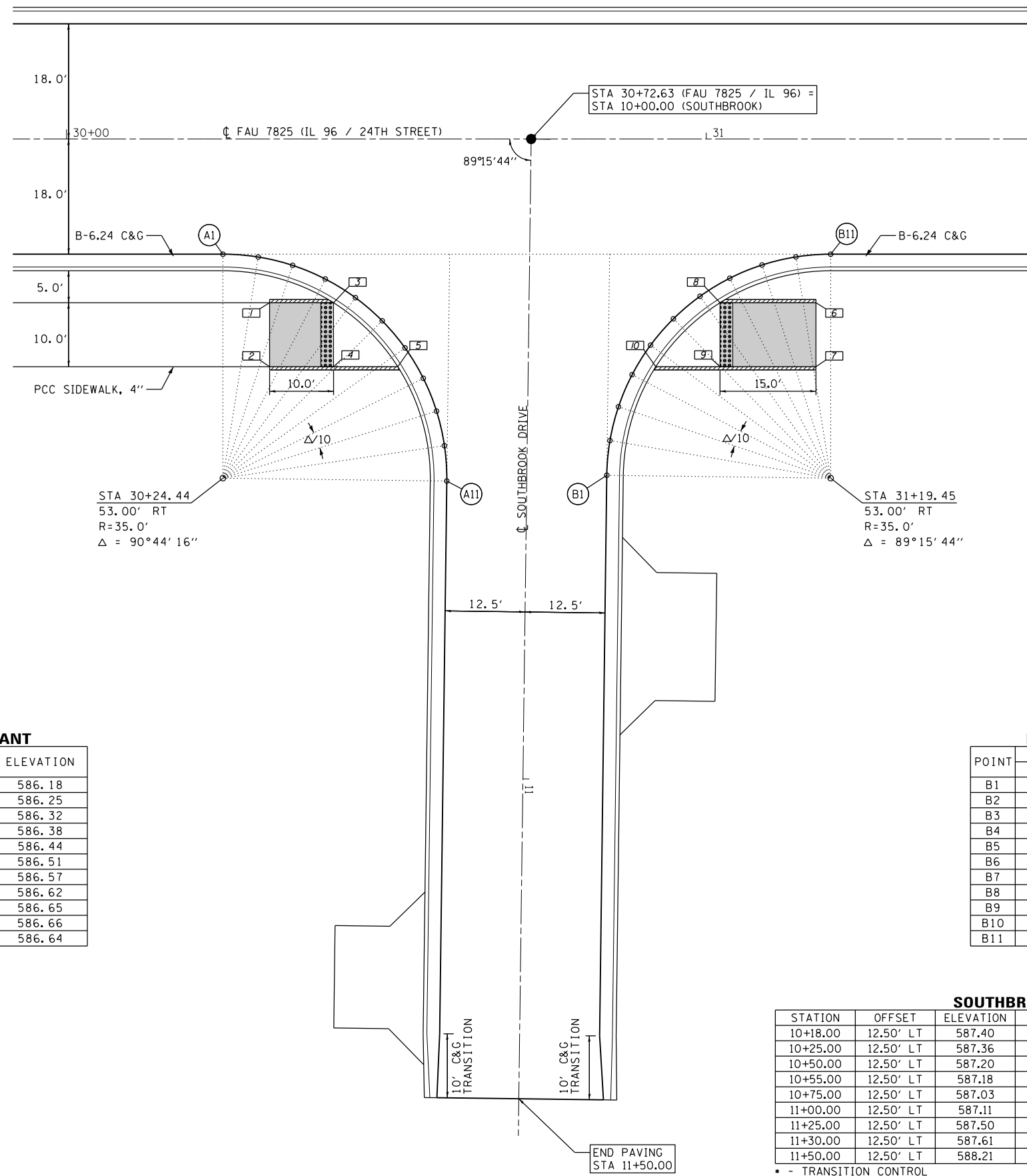
**CEDAR CREEK
 GRADING PLAN**

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 9+26.53 TO STA. 12+41.66

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	26
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- MATCH EXISTING ELEVATION



SIDEWALK ELEVATIONS

POINT	IL 96 / N 24TH		ELEVATION
	STATION	OFFSET	
1	30+31.74	25.58' RT	586.86
2	30+31.74	35.58' RT	587.01
3	30+41.74	25.58' RT	586.36
4	30+41.74	35.58' RT	586.51
5	30+51.78	35.58' RT	586.53

EDGE OF PAVEMENT ELEVATIONS – SE QUADRANT

POINT	IL 96 / N 24TH		SOUTHBROOK		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	30+24.44	18.00' RT	10+18.62	47.95' RT	586.18
A2	30+29.96	18.44' RT	10+18.99	42.43' RT	586.25
A3	30+35.34	19.74' RT	10+20.22	37.03' RT	586.32
A4	30+40.45	21.88' RT	10+22.29	31.89' RT	586.38
A5	30+45.16	24.79' RT	10+25.14	27.15' RT	586.44
A6	30+49.35	28.41' RT	10+28.71	22.91' RT	586.51
A7	30+52.92	32.65' RT	10+32.90	19.29' RT	586.57
A8	30+55.77	37.39' RT	10+37.61	16.38' RT	586.62
A9	30+57.84	42.53' RT	10+42.71	14.24' RT	586.65
A10	30+59.07	47.93' RT	10+48.10	12.94' RT	586.66
A11	30+59.44	53.45' RT	10+53.62	12.50' RT	586.64

SIDEWALK ELEVATIONS

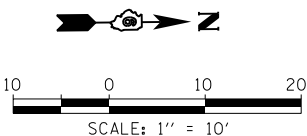
POINT	IL 96 / N 24TH		ELEVATION
	STATION	OFFSET	
6	31+17.15	25.58' RT	588.76
7	31+17.15	35.58' RT	588.76
8	31+02.15	25.58' RT	587.71
9	31+02.15	35.58' RT	587.56
10	30+92.11	35.58' RT	587.37

EDGE OF PAVEMENT ELEVATIONS – NE QUADRANT

POINT	IL 96 / N 24TH		SOUTHBROOK		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	30+84.45	18.00' RT	10+52.39	12.50' LT	587.19
B2	30+84.95	18.44' RT	10+46.96	12.92' LT	587.24
B3	30+86.28	19.74' RT	10+41.66	14.19' LT	587.30
B4	30+88.41	21.88' RT	10+36.62	16.25' LT	587.37
B5	30+91.29	24.79' RT	10+31.97	19.08' LT	587.47
B6	30+94.86	28.41' RT	10+27.80	22.59' LT	587.58
B7	30+99.02	32.65' RT	10+24.24	26.71' LT	587.71
B8	31+03.68	37.39' RT	10+21.35	31.33' LT	587.87
B9	31+08.72	42.53' RT	10+19.22	36.34' LT	588.05
B10	31+14.02	47.93' RT	10+17.89	41.62' LT	588.24
B11	31+19.45	53.45' RT	10+17.40	47.05' LT	588.43

SOUTHBROOK DRIVE ~ & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
10+18.00	12.50' LT	587.40	2.50%	0	587.09	-2.20%	12.50' RT	587.37
10+25.00	12.50' LT	587.36	2.50%	0	587.05	-2.14%	12.50' RT	587.32
10+50.00	12.50' LT	587.20	2.50%	0	586.89	-1.94%	12.50' RT	587.13
10+55.00	12.50' LT	587.18	2.50%	0	586.87	-1.90%	12.50' RT	587.11
10+75.00	12.50' LT	587.03	1.33%	0	586.86	-1.90%	12.50' RT	587.10
11+00.00	12.50' LT	587.11	-0.14%	0	587.13	-1.90%	12.50' RT	587.37
11+25.00	12.50' LT	587.50	-1.61%	0	587.70	-1.90%	12.50' RT	587.94
11+30.00	12.50' LT	587.61	-1.90%	0	587.85	-1.90%	12.50' RT	588.09
11+50.00	12.50' LT	588.21	-1.90%	0	588.45	-1.90%	12.50' RT	588.69



FILE NAME = D:\10\102725.V0 4 - IL 96 C&G Crank\LC000 Sheets\0672089-shit-Intersect.dgn

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

USER NAME = ebb	DESIGNED - EBB	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - BWP	REVISED -
	DATE - 3/27/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRIC DETAILS
FAU 7825 (IL 96/NORTH 24th ST)

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	27
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

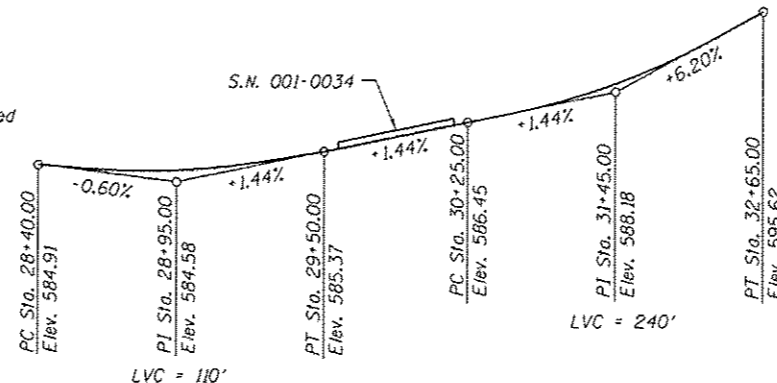
Benchmark: Chiseled "□" on Northeast wingwall of existing S.N. 001-0032, Sta. 30+26.8, 31.4 feet right of C. NAVD 88 Elev. 584.924.

Existing S.N. 001-0032: The existing structure was originally built in 1935 as S.A. Route 1, Section K-B-1-WPMS at Station 30+05. The bridge was modified in 2000 by adding a microsilica concrete overlay, concrete parapet and steel railing to accommodate a future bike path under Section 11 B-2. The existing bridge is a single span reinforced concrete rigid frame on closed concrete abutments. The overall length measures 44'-0" back-to-back of abutments with a 56'-2" out-to-out width.

The existing structure will be removed and replaced with a three sided precast concrete structure.

Road closure will be used during construction. Traffic to be detoured.

No Salvage.



WATERWAY INFORMATION

Drainage Area = 5.4 mi.² Exist. Overtopping Elev. 583.93 @ Sta. 29+62
 Prop. Overtopping Elev. 584.55 @ Sta. 28+75

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Prop.	Nat. H.W.E.	Head - Ft. Exist.	Prop.	Headwater EL. Exist.	Prop.
Design	10	1,730	298	321	576.9	0.1	0.2	577.1	577.1
Base	50	2,900	365	395	578.6	0.4	0.4	579.0	579.0
Scour Design	100	3,460	388	419	579.2	0.6	0.6	579.8	579.7
Overtopping	>500	3,803	401	431	579.5	0.8	0.7	580.3	580.2
Max. Calc.	500	4,830	434	461	580.3	1.4	1.3	581.7	581.5

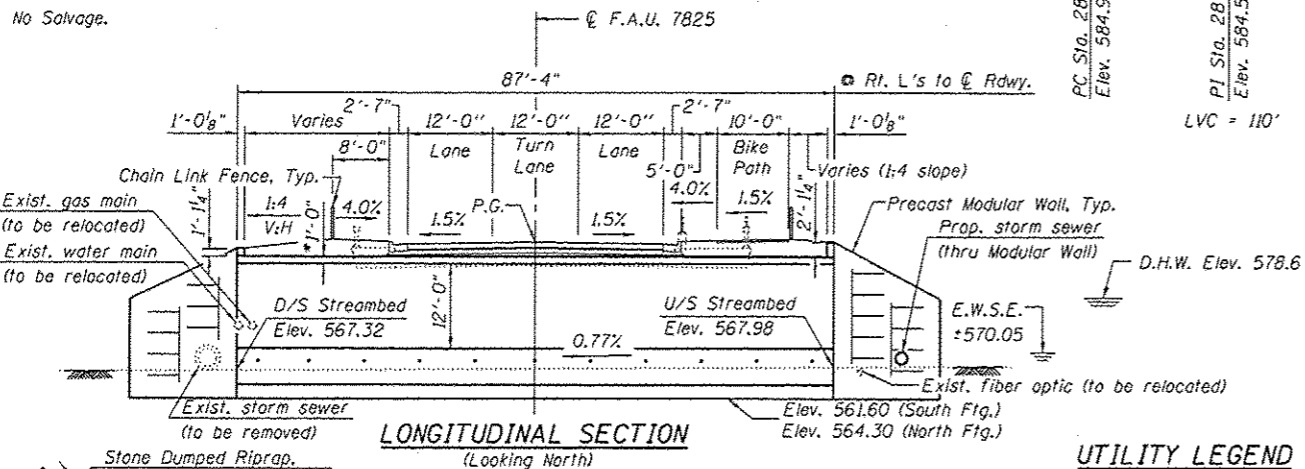
10 Year Velocity through Proposed Bridge = 5.5 fps

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour S. Footing	Elevations (ft.) N. Footing	Item
Q100	563.60	566.30	113
Q200	563.60	566.30	5
Design	561.60	564.30	
Check	561.60	564.30	

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	1,565
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	3,837
Cofferdam Excavation	Cu. Yd.	60
Rack Excavation for Structures	Cu. Yd.	129
Cofferdam (Type 1)(Location-1)	Each	1
Concrete Structures	Cu. Yd.	182.5
Reinforcement Bars, Epoxy Coated	Pound	19,960
Dewatering Structure No. 1	Each	1
Membrane Waterproofing for Buried Structures	Sq. Yd.	618
Select Granular Backfill, Special	Cu. Yd.	755
Name Plates (Special)	Each	1
Erecting Three-Sided Precast Concrete Structure	L. Sum	1
Erecting Precast Modular Wall	L. Sum	1



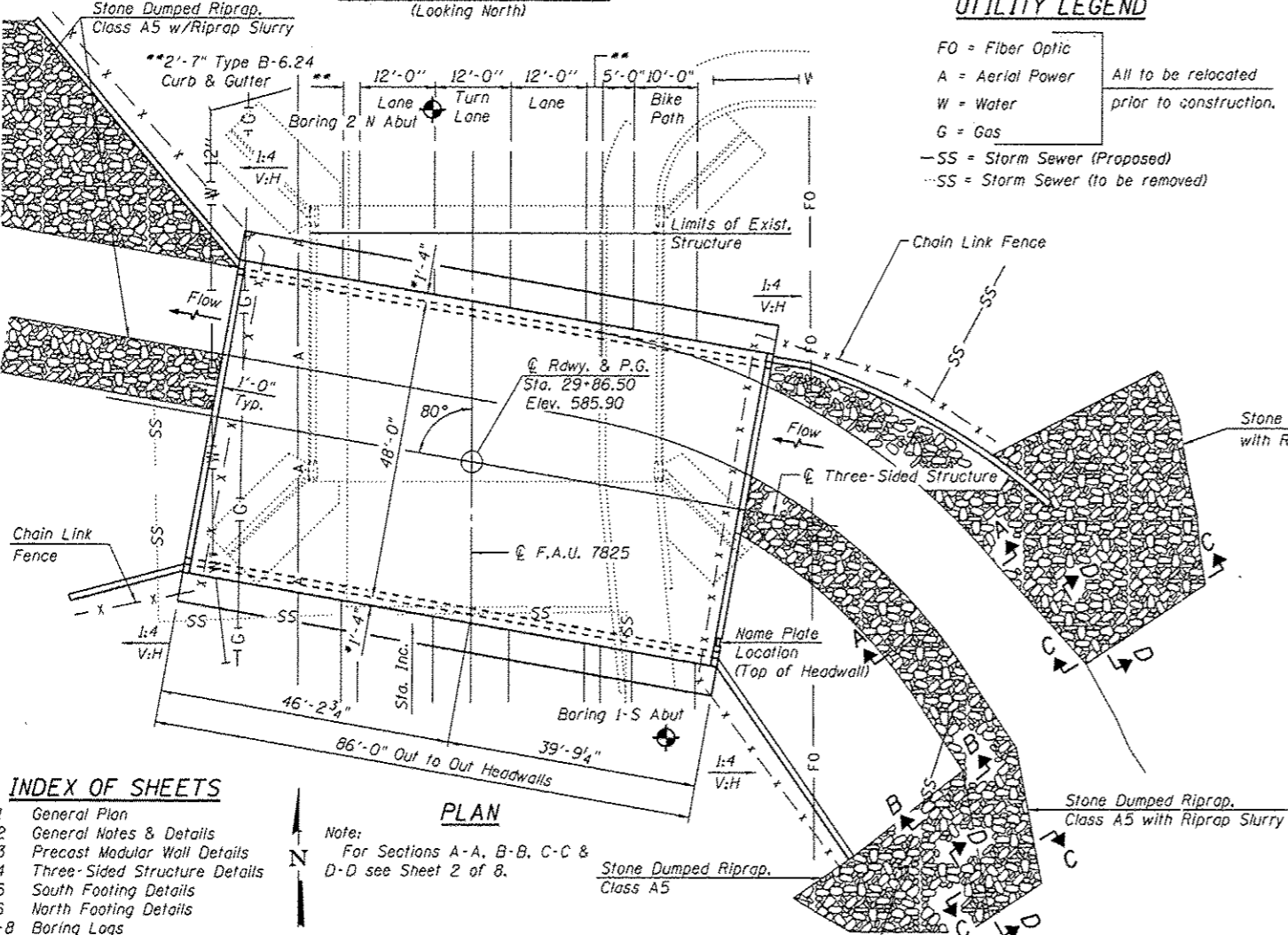
PROFILE GRADE
(along C roadway IL Rte. 96)

UTILITY LEGEND

- FO = Fiber Optic
 - A = Aerial Power
 - W = Water
 - G = Gas
 - SS = Storm Sewer (Proposed)
 - SS = Storm Sewer (to be removed)
- All to be relocated prior to construction.

STATION 29+86.50
 BUILT 2011 BY
 STATE OF ILLINOIS
 F.A.U. RT. 7825 SEC. (11)B-3
 LOADING HL-93
 STRUCTURE NO. 001-0034

NAME PLATE
 See Std. 515001 & Special Provisions

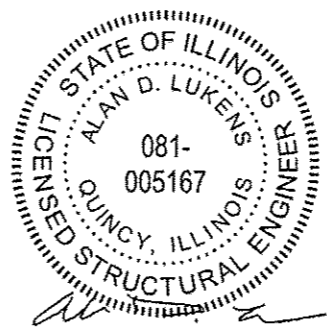


INDEX OF SHEETS

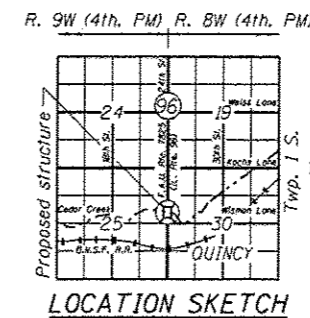
- 1 General Plan
 - 2 General Notes & Details
 - 3 Precast Modular Wall Details
 - 4 Three-Sided Structure Details
 - 5 South Footing Details
 - 6 North Footing Details
 - 7-8 Boring Logs
- Note: For Sections A-A, B-B, C-C & D-D see Sheet 2 of 8.

APPROVED
 For Structural Adequacy Only

 Engineer of Bridges & Structures



03-23-2017
 Alan D. Lukens
 Licensed Structural Engineer
 State of Illinois No. 081-005167
 License Expires 11/30/2018



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

DESIGN SPECIFICATIONS
 2014 AASHTO LRFD Bridge Design Specifications
 7th Edition with 2015 and 2016 Interim Revisions

DESIGN STRESSES
PRECAST UNITS
 $f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Fabric)

SEISMIC DATA
 Seismic Performance Zone (SPZ) = 1
 Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.083g
 Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.134g
 Soil Site Class = C

GENERAL PLAN
IL 96 (24th ST.) OVER CEDAR CREEK
F.A.U. ROUTE 7825 SECTION (11)B-3
ADAMS COUNTY
STATION 29+86.50
S.N. 001-0034

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME: rjp	DESIGNED: RJP	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN STRUCTURE NO. 001-0034 SHEET NO. 1 OF 8 SHEETS	F.A.U. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	PLOT SCALE: 25.8988' / in. PLOT DATE: 3/23/2017	CHECKED: ADL	REVISIONS:			7825	(11)B-3	ADAMS	69	28
						CONTRACT NO. 72G89		ILLINOIS FED. AID PROJECT		
						Klingner & Associates P.C.				

GENERAL NOTES

This work consists of the erection of a Three-Sided Precast Concrete Structure 48'x12' and Precast Modular Retaining Walls, previously fabricated under separate fabrication contracts.

See Special Provisions for additional information regarding the furnishing and storage of the Three-Sided Precast Concrete Structure and Precast Modular Retaining Walls.

Reinforcement bars designated (E) shall be epoxy coated.

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

The foundation design is based on the following factored reactions applied at the top of the pedestal wall:

North & South footings: 42 kips/ft. (vertical), 20 kips/ft. (horiz.)

The loadings shown above are for the final condition with all backfill and roadway in place. The Contractor shall verify that the selected structure meets these design parameters. If the design parameters are exceeded, a complete foundation design with calculations, details, and the required seals shall be submitted for review and approval by the Fabrication Contractor under Contract 72J80.

Factored bearing capacity of rock: 100 kips/ft.²

The joints between precast sections shall be sealed, all voids filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all three sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.

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

Calculated length of Three-Sided Structure = 86'-0".

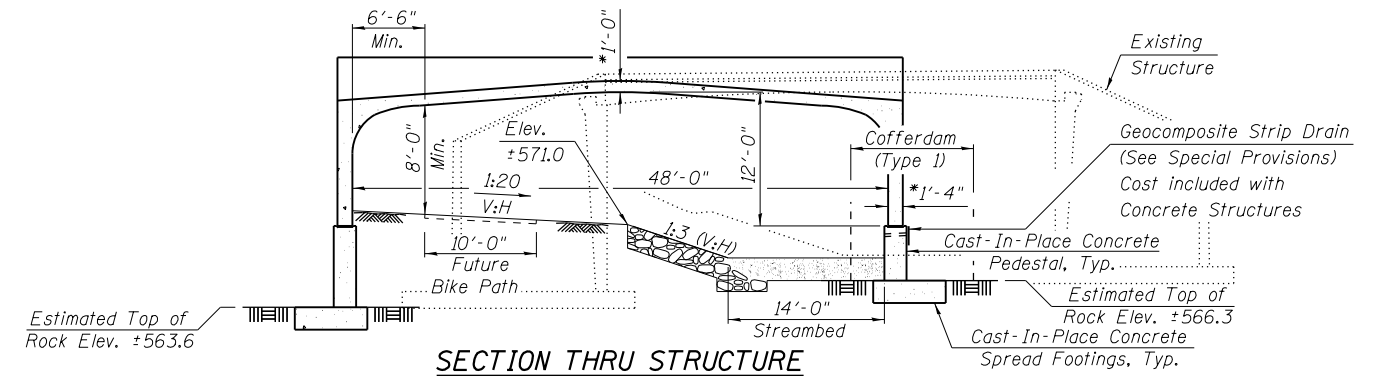
Calculated area of Precast Modular Wall = 3,023 Sq. Ft.

For riprap layout and quantity, see Roadway Plans.

For chain link fence layout and quantity, see Roadway Plans.

SEQUENCE OF CONSTRUCTION

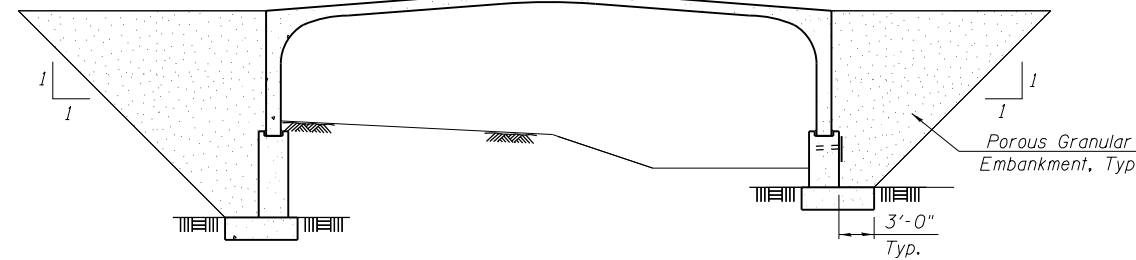
1. Road Closure
2. Remove Existing Structure
3. Build cofferdam for North Footing. Dewater area for South Footing.
4. Construct Footings.
5. Backfill to top of pedestal wall (Elev. 570.90) prior to setting Three-Sided Structure.
6. Set Three-Sided Structure.
7. Dewater area for Precast Modular Walls.
8. Install Precast Modular Walls.
9. Backfill Three-Sided Structure to top of arch legs.



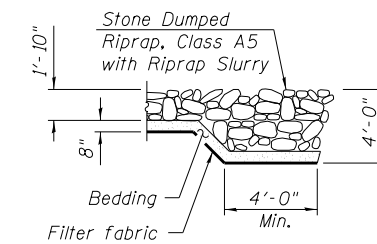
SECTION THRU STRUCTURE

(At Rt. L's to structure)

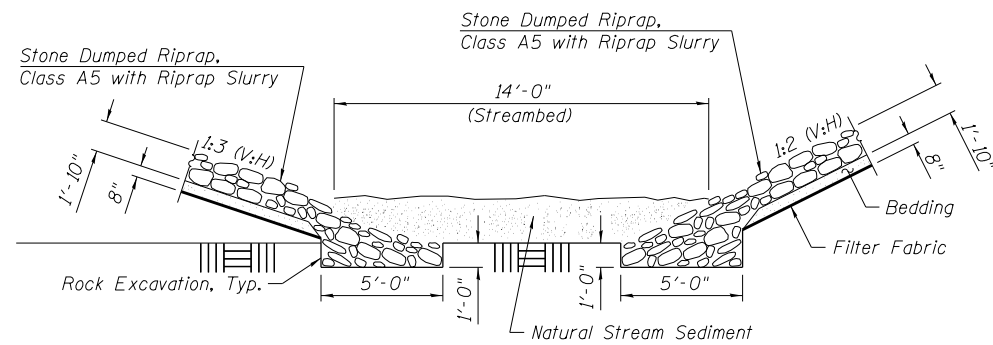
*Slab and wall thickness and shape may vary as per manufacturer's design. Minimum clearances shown must be met.



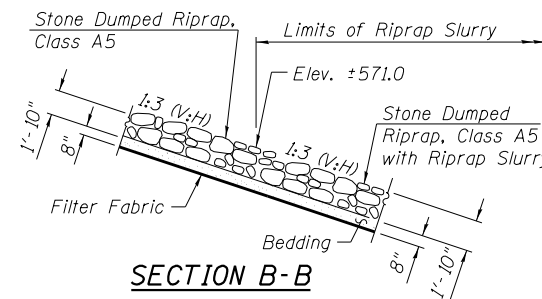
POROUS GRANULAR EMBANKMENT LIMITS



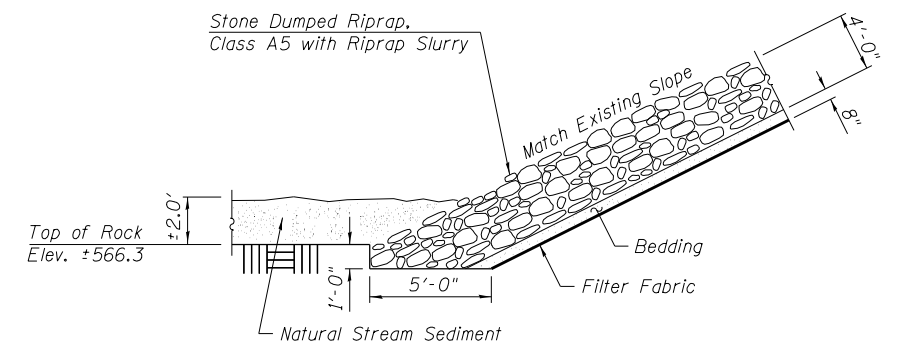
SECTION D-D



SECTION A-A



SECTION B-B



SECTION C-C

G:\1\101\10276\10 4 - IL 96 Cedar-Creek-Bridge Plans\Construction Plans\General Plan & Elevation.dgn

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

USER NAME = r.jp	DESIGNED - RJP	REVISED -
PLOT SCALE = 25,8004' / 1"	CHECKED - ADL	REVISED -
PLOT DATE = 3/23/2017	DRAWN - RJP	REVISED -
	CHECKED - ADL	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & DETAILS
STRUCTURE NO. 001-0034**

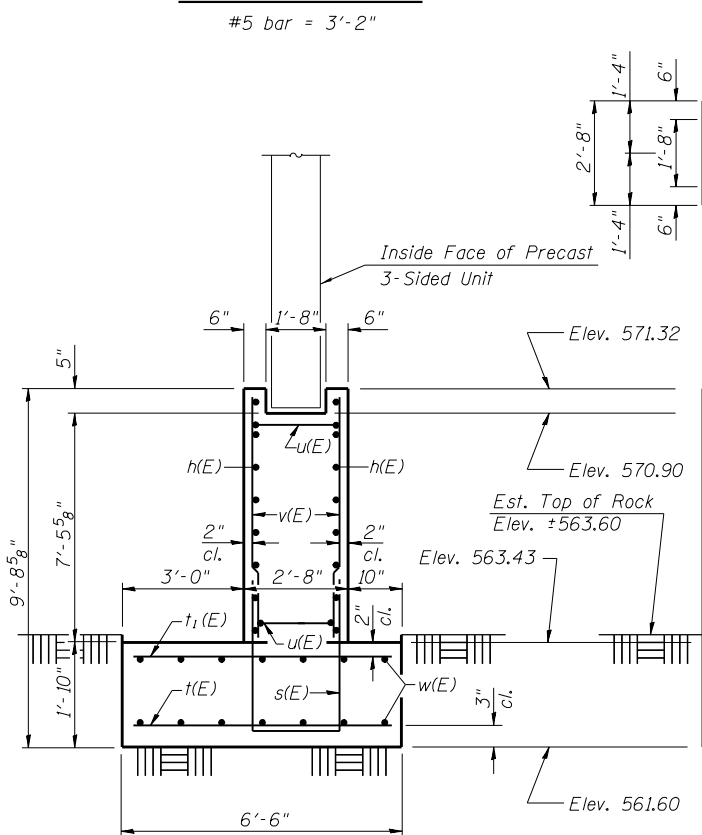
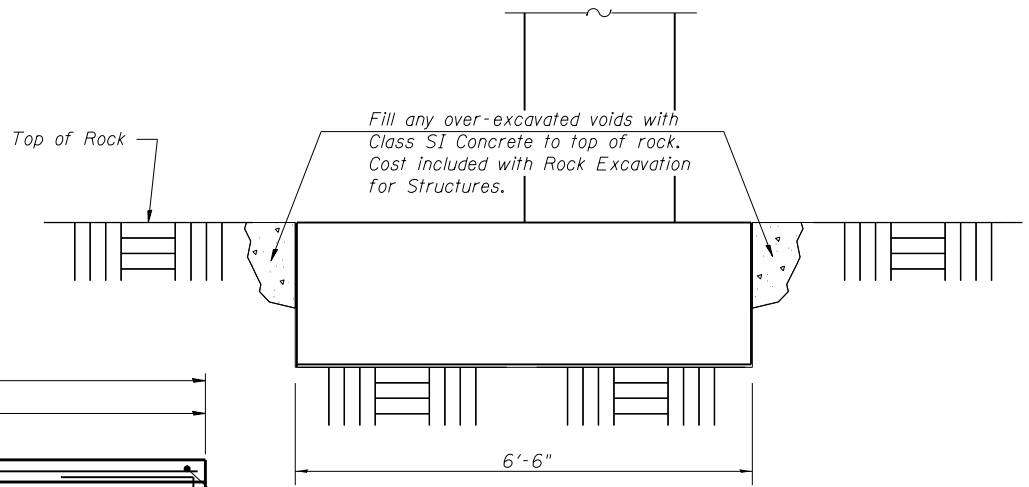
SHEET NO. 2 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	29
CONTRACT NO. 72G89				
ILLINOIS FED. AID PROJECT				
Klingner & Associates P.C.				

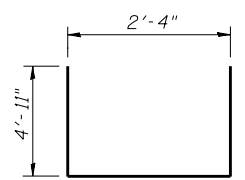
Notes:
 Precast footing option will not be allowed for this contract.
 Bars indicated thus 7x3-#5 etc. indicates 7 lines of bars with 3 lengths per line.
 The bottom of footing elevations shall be adjusted to ensure a minimum embedment of 22 inches in non-weathered rock. The rock excavation shall be made with near-vertical sides at the plan dimensions to allow the sides and base of the embedded portion of the footing to be cast against undisturbed rock surfaces.
 Pedestal width to be adjusted if needed to accommodate Three-Sided Structure. Fabrication Contractor under Contract 72J80 to provide required design. Additional concrete cost will be paid at the contract unit price for Concrete Structures. Additional reinforcement will be paid at the contract unit price for Reinforcement Bars, Epoxy Coated.

MINIMUM BAR LAP

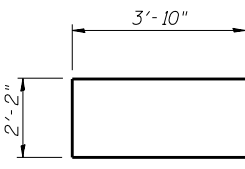
#5 bar = 3'-2"



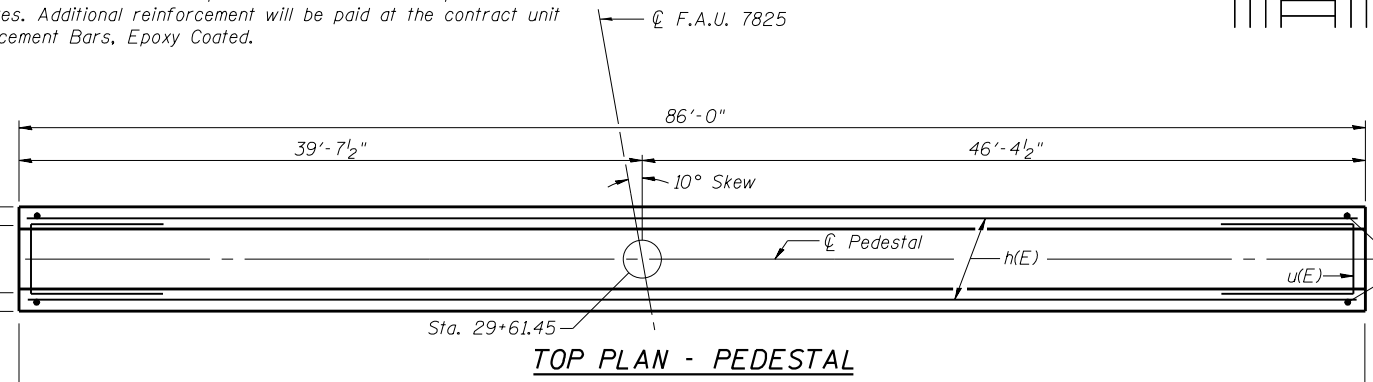
END VIEW



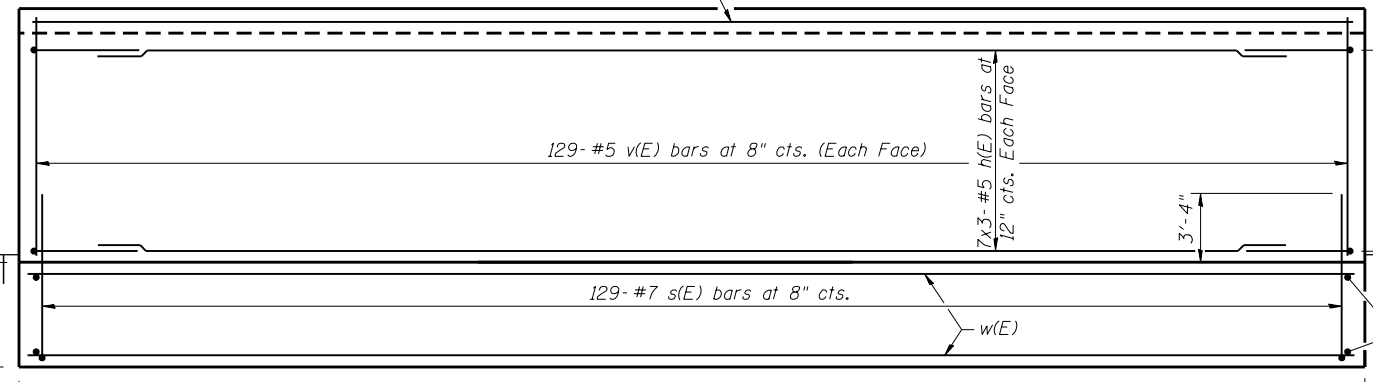
BAR s(E)



BAR u(E)

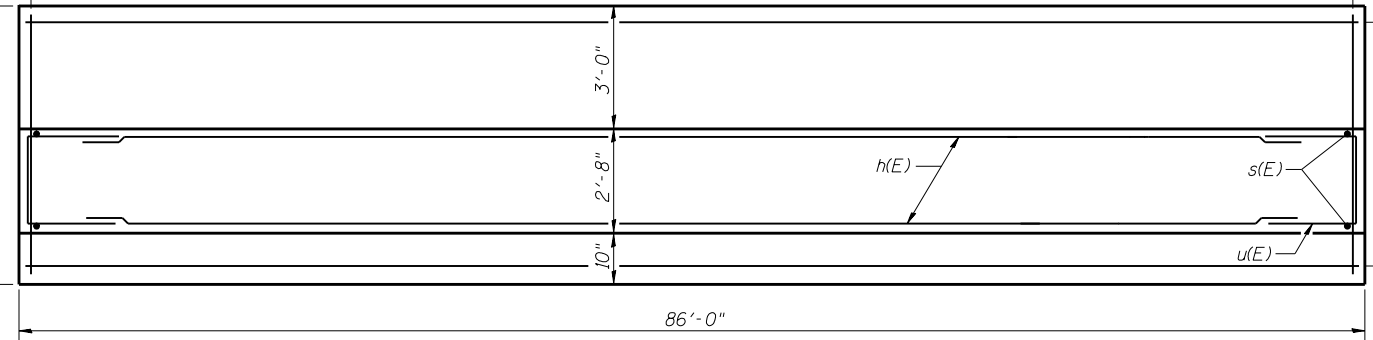


TOP PLAN - PEDESTAL



ELEVATION

(Looking South)



FOOTING PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#5	30'-9"	—
s(E)	129	#7	12'-2"	U
t(E)	115	#8	6'-2"	—
t1(E)	87	#5	6'-2"	—
u(E)	14	#6	9'-10"	—
v(E)	258	#5	7'-6"	—
w(E)	42	#5	30'-9"	—
Porous Granular Embankment			Cu. Yd.	877
Structure Excavation			Cu. Yd.	2,250
Concrete Structures			Cu. Yd.	102.7
Reinforcement Bars, Epoxy Coated			Pound	10,770
Rock Excavation for Structures			Cu. Yd.	41

G:\09Files\100276\WD 4 - IL 98 Cedar-Creek\Bridge Plans\Construction Contract Plans\Footings.dgn

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

USER NAME = rjp
 PLOT SCALE = 25,8495 1 / in.
 PLOT DATE = 3/23/2017

DESIGNED - RJP
 CHECKED - ADL
 DRAWN - RJP
 CHECKED - ADL

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOUTH FOOTING DETAILS
 STRUCTURE NO. 001-0034**
 SHEET NO. 5 OF 8 SHEETS

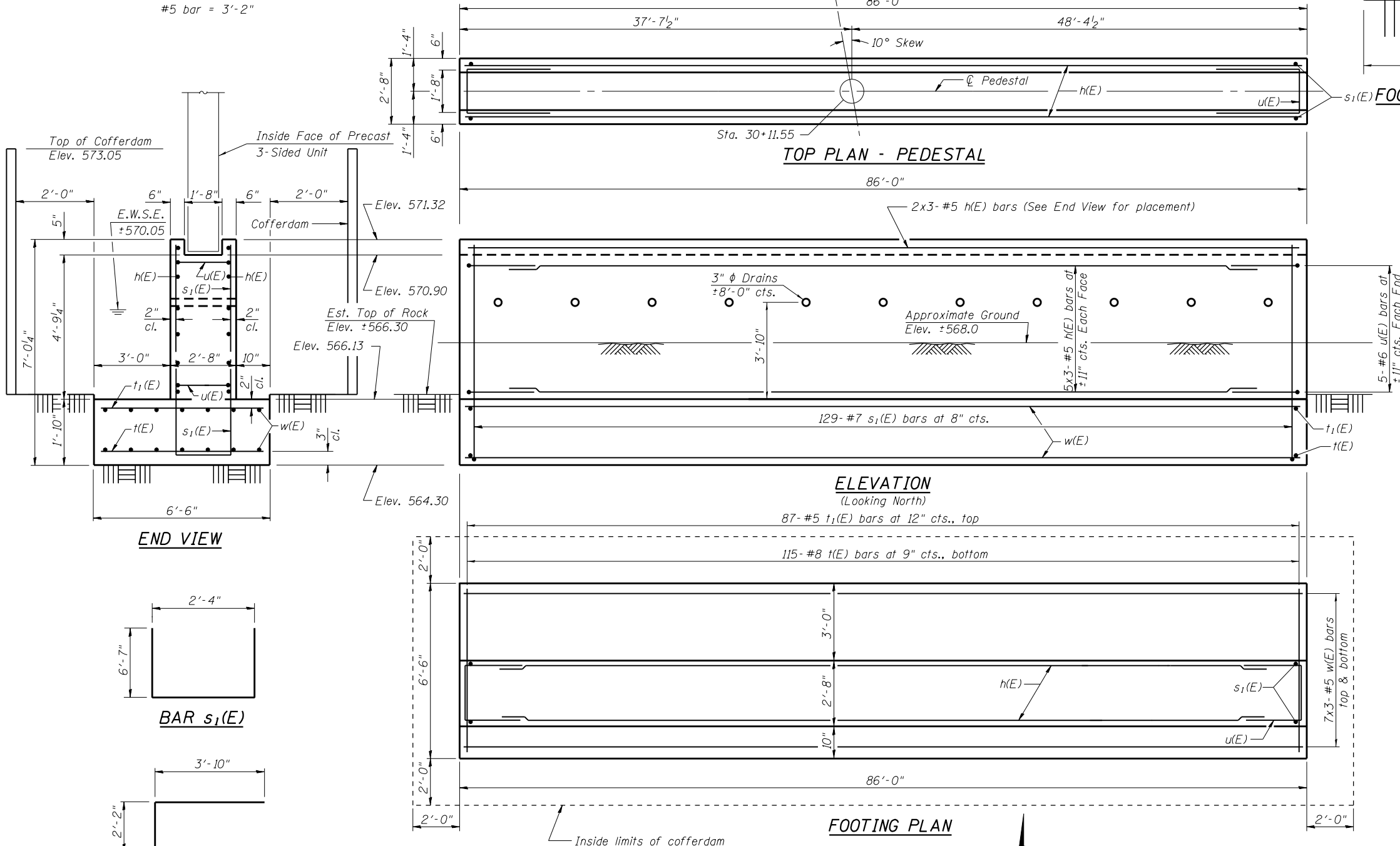
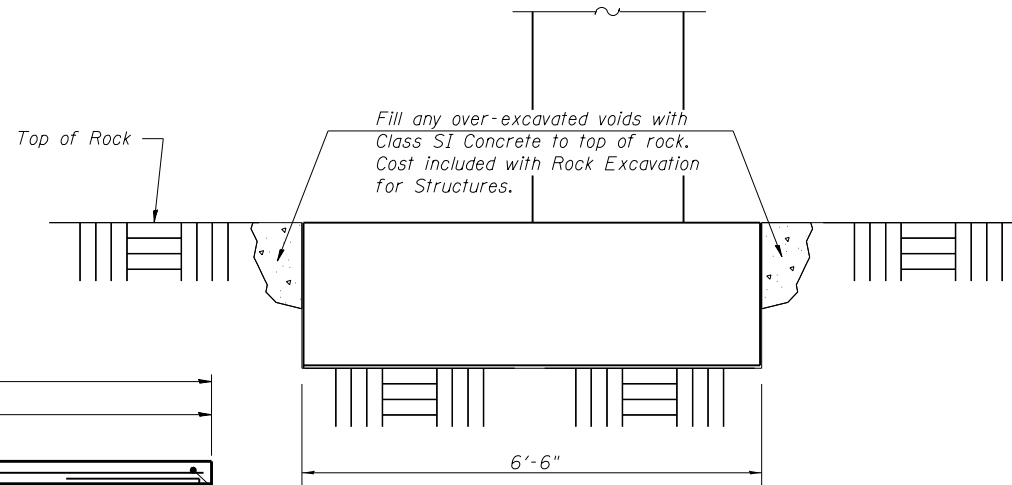
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	32
CONTRACT NO. 72G89				
ILLINOIS FED. AID PROJECT				

Klingner & Associates P.C.

Notes:
 Precast footing option will not be allowed for this contract.
 Bars indicated thus 5x3-#5 etc. indicates 5 lines of bars with 3 lengths per line.
 The bottom of footing elevations shall be adjusted to ensure a minimum embedment of 22 inches in non-weathered rock. The rock excavation shall be made with near-vertical sides at the plan dimensions to allow the sides and base of the embedded portion of the footing to be cast against undisturbed rock surfaces.
 Pedestal width to be adjusted if needed to accommodate Three-Sided Structure. Fabrication Contractor under Contract T2J80 to provide required design. Additional concrete cost will be paid at the contract unit price for Concrete Structures. Additional reinforcement will be paid at the contract unit price for Reinforcement Bars, Epoxy Coated.

MINIMUM BAR LAP

#5 bar = 3'-2"



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	36	#5	30'-9"	—
s ₁ (E)	129	#7	15'-6"	□
t(E)	115	#8	6'-2"	—
t ₁ (E)	87	#5	6'-2"	—
u(E)	10	#6	9'-10"	□
w(E)	42	#5	30'-9"	—
Porous Granular Embankment			Cu. Yd.	688
Structure Excavation			Cu. Yd.	531
Cofferdam Excavation			Cu. Yd.	60
Concrete Structures			Cu. Yd.	79.8
Reinforcement Bars, Epoxy Coated			Pound	9,190
Rock Excavation for Structures			Cu. Yd.	41
Cofferdam (Type 1) (Location-1)			Each	1

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

USER NAME = r.jp
 PLOT SCALE = 25,6993' / in.
 PLOT DATE = 3/23/2017

DESIGNED - RJP
 CHECKED - ADL
 DRAWN - RJP
 CHECKED - ADL

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTH FOOTING DETAILS
 STRUCTURE NO. 001-0034

SHEET NO. 6 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(111)B-3	ADAMS	69	33
CONTRACT NO. T2C89				
ILLINOIS FED. AID PROJECT				

Klingner & Associates P.C.



SOIL BORING LOG

Date 10/20/15

ROUTE IL 96 (N 24th St) DESCRIPTION IL 96 over Cedar Creek LOGGED BY S. Jones

SECTION 11B-3 LOCATION SEC. TWP. RNG. PM

COUNTY Adams DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 001-0032Ex
 Station 29+88
 BORING NO. 1-S Abut
 Station 29+37
 Offset 31.0ft RT
 Ground Surface Elev. 584.6 ft

DEPTH (ft)	DESCRIPTION	MOISTURE (%)	UNSATURATED WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX	DEPTHS (ft)	UNSATURATED WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX
0	Tan and Reddish Brown dry SILTY CLAY poor recovery					0			
3						3			
4		4.0			P	4			
8						8			
10						10			
12						12			
13		3.5			P	13			
15						15			
17						17			
18						18			
20						20			
22						22			
24						24			
26						26			
28						28			
30						30			
32						32			
34						34			
36						36			
38						38			
40						40			

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)



ROCK CORE LOG

Date 10/20/15

ROUTE IL 96 (N 24th St) DESCRIPTION IL 96 over Cedar Creek LOGGED BY S. Jones

SECTION 11B-3 LOCATION SEC. TWP. RNG. PM

COUNTY Adams CORING METHOD Water

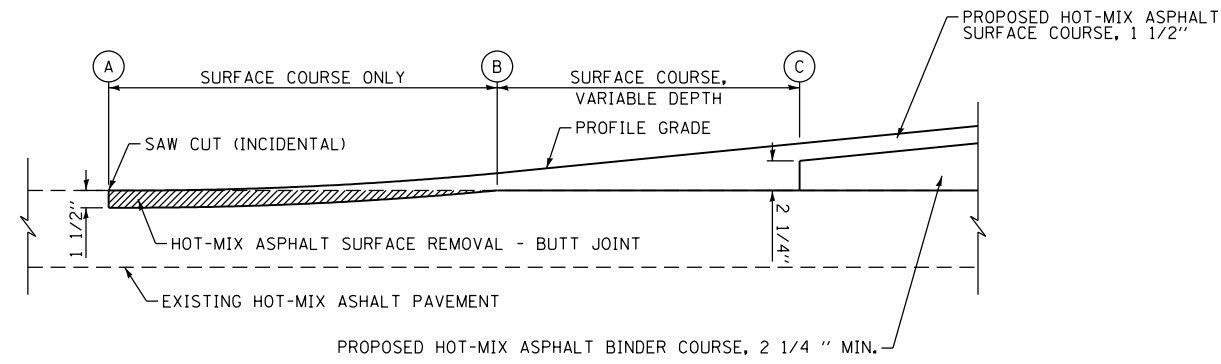
STRUCT. NO. 001-0032Ex
 Station 29+88
 BORING NO. 1-S Abut
 Station 29+37
 Offset 31.0ft RT
 Ground Surface Elev. 584.6 ft

DEPTH (ft)	DESCRIPTION	RECOVERY (%)	RQD (%)	CORE LENGTH (min/ft)	STRENGTH (tsf)
0	Tan and Lt Gray Microcrystalline LIMESTONE Open Joints 2"-5" 1" shale seam @22.3'	100	88		599.3
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

Color pictures of the cores Yes, On File
 Cores will be stored for examination until 5 Years after Construction
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 RQD is the ratio of the total length of sound core specimens >4" to total length of core run BBS, form 138 (Rev. 8-99)

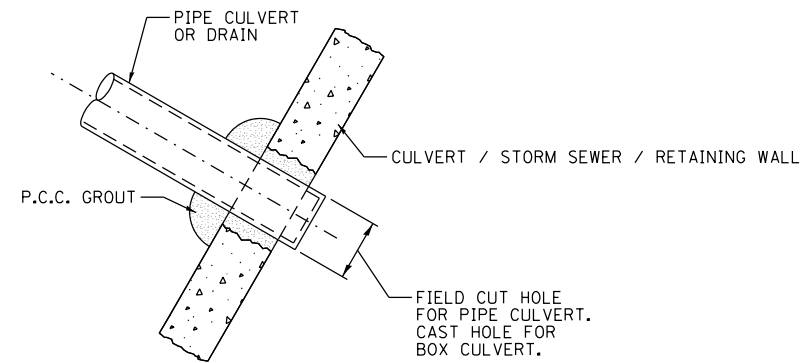
BORING 1-S ABUT

G:\101\115\100276\WD 4 - IL 96 Cedar Creek Bridge Plans\Construction Plans\Borings.dgn



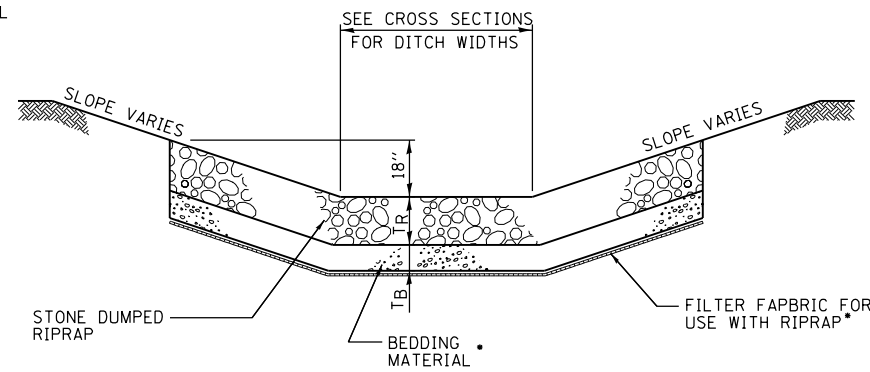
LOCATION	A	B	C
FAU 7825 (IL 96)	28+40.0	28+80.0	29+01.0
FAU 7825 (IL 96)	32+65.0	32+15.0	31+88.0
SOUTHBROOK DR	11+50.0	11+09.0	10+91.0

BUTT JOINT DETAIL
NOT TO SCALE



DETAIL OF PLACING PIPE IN CULVERT

NOTE: COST OF PLACING PIPE IN THE CULVERT SHALL BE INCLUDED IN THE PAY ITEM FOR THE CULVERT OR STORM SEWER, UNLESS OTHERWISE SPECIFIED IN THE PLANS.

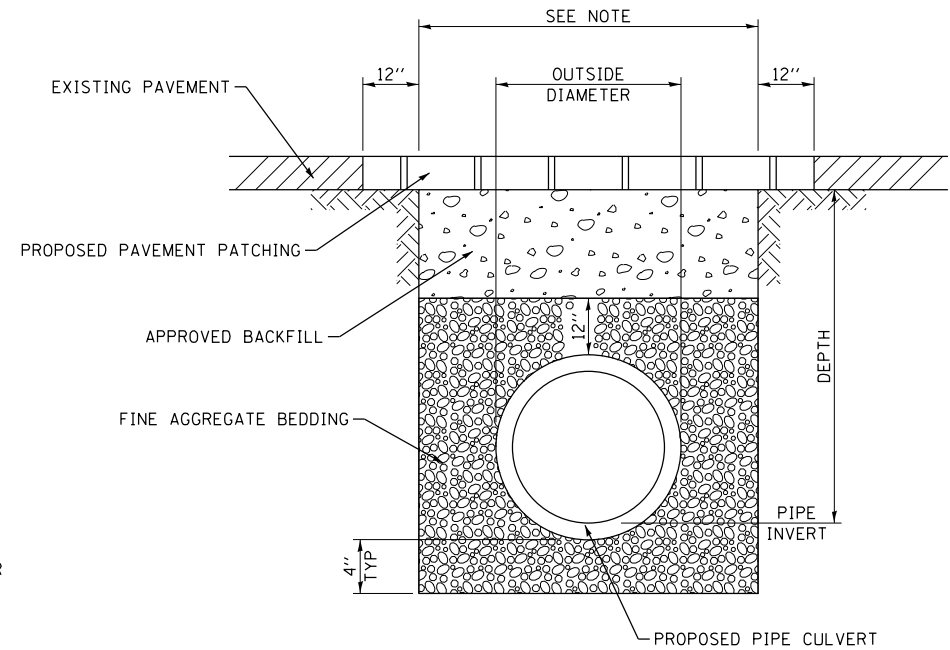
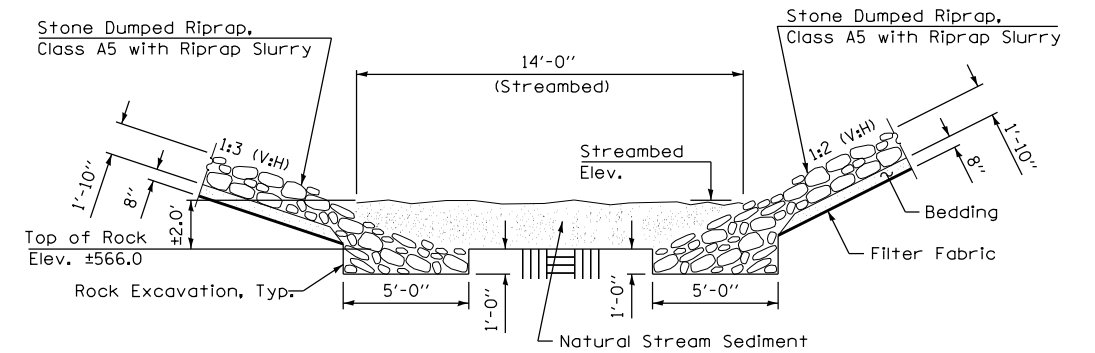


RIPRAP CLASS	RIPRAP THICKNESS (T _R)	BEDDING THICKNESS (T _B)
B3	12"	4"
A4	16"	6"
A5	22"	8"

• STONE DUMP RIPRAP CLASS B-3 HAS NO BEDDING MATERIAL OR FILTER FABRIC UNLESS IN SANDY SOILS.

TYPICAL STONE RIPRAP DITCH LINING

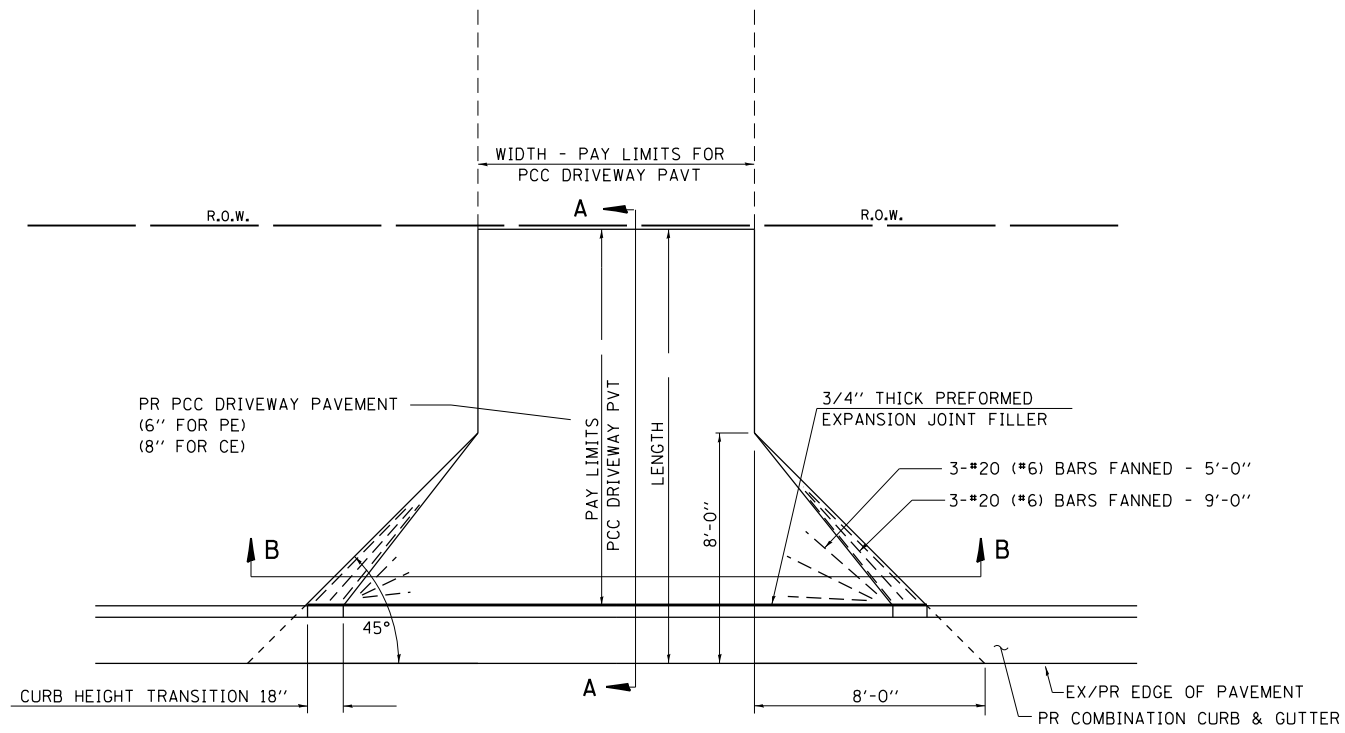
SEE SCHEDULE FOR INSTALLATION LOCATIONS



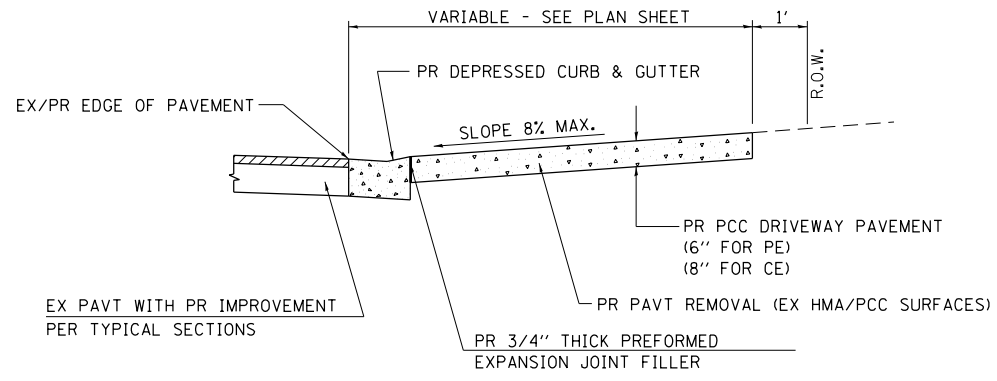
DETAIL OF TRENCH EXCAVATION, PAVEMENT REMOVAL, PAVEMENT PATCHING, AND BACKFILL UNDER EXISTING PAVEMENT

NOTE:
WIDTH = OUTSIDE DIAMETER + 9" + 9" WHEN DEPTH < 5'
WIDTH = OUTSIDE DIAMETER + 18" + 18" WHEN DEPTH > 5'

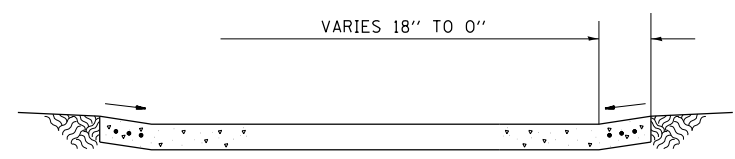
FILE NAME = G:\10\1002725.V0 4 - IL 96 Credo_Credit\CADD_Sheets\0672089-sh1-Detail.dgn



PLAN - PE & CE



SECTION A - A



SECTION B - B

- FOR EX EARTH OR AGGREGATE SURFACES :**
 PR AGGREGATE BASE COURSE, TYPE B 6" - PE/FE
 PR PCC DRIVEWAY PAVT. 8" - CE
- FOR EX HMA CONC. SURFACES :**
 PR HMA CONCRETE 6" - PE
 PR HMA CONCRETE 8" - CE
- FOR EX PCC SURFACES :**
 PR PCC DRIVEWAY PAVT. 6" - PE
 PR PCC DRIVEWAY PAVT. 8" - CE

- NOTES:**
- SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION.
 - THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

FILE NAME = G:\10\100275.V0 4 - IL 96 Cedar Creek\CAD\Drawings\0672089-sh1-Detail.dgn

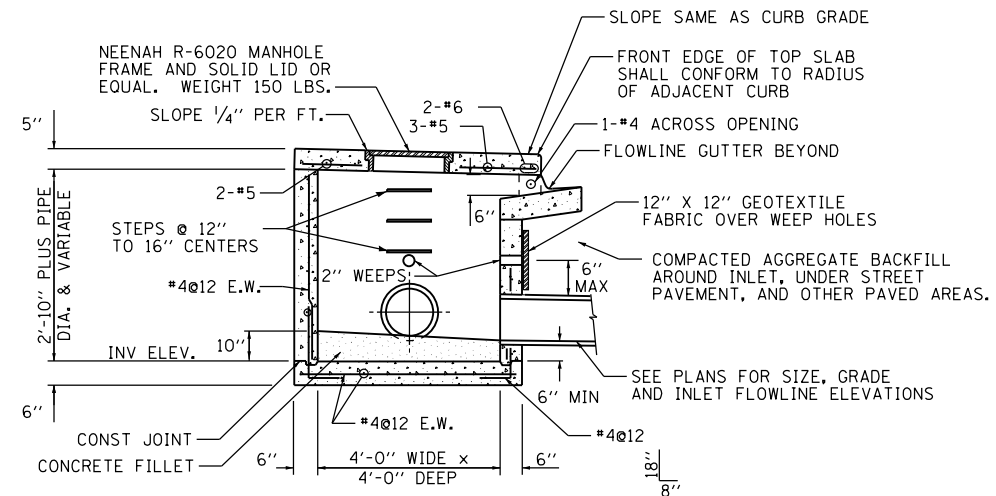


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PLOT SCALE = 100.0000' / 1"	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - BWP	REVISED -
	DATE - 3/27/17	REVISED -

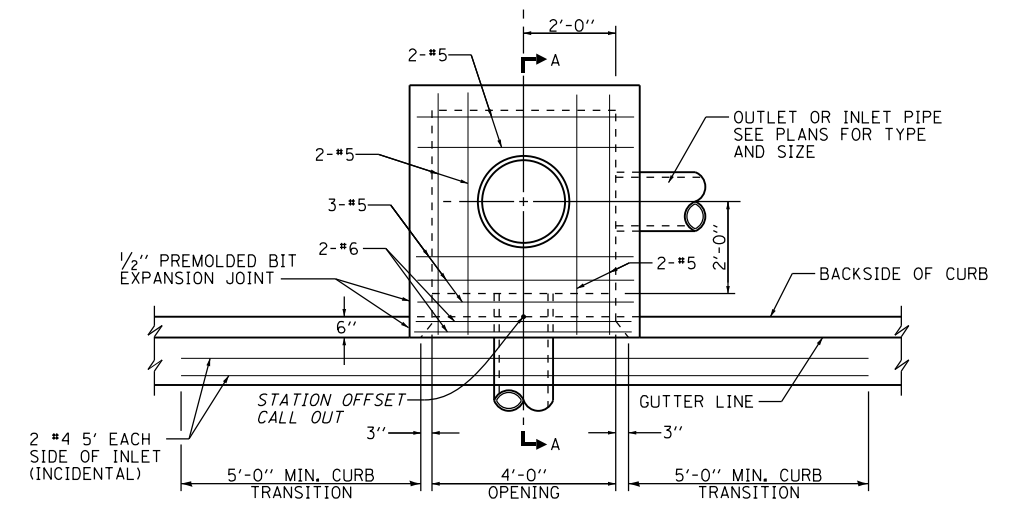
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS			
SCALE: NONE	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	38
CONTRACT NO. 72089				
ILLINOIS FED. AID PROJECT				



SECTION A-A SEE STANDARD 602701 FOR DETAILS OF STEPS.



PLAN

STATION OFFSET CALL OUT IS THE CENTER OF INLET AND THE BACK OF CURB.

INLETS, SPECIAL, TYPE E, 4' X 4'
NOT TO SCALE

FILE NAME = G:\10\100275.V0 4 - IL 96 Curb - Curb\CAD\ Sheets\0672089-sh1-Detail.dgn



USER NAME = ebb	DESIGNED - EBB	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - BJP	REVISED -
	DATE - 3/27/17	REVISED -

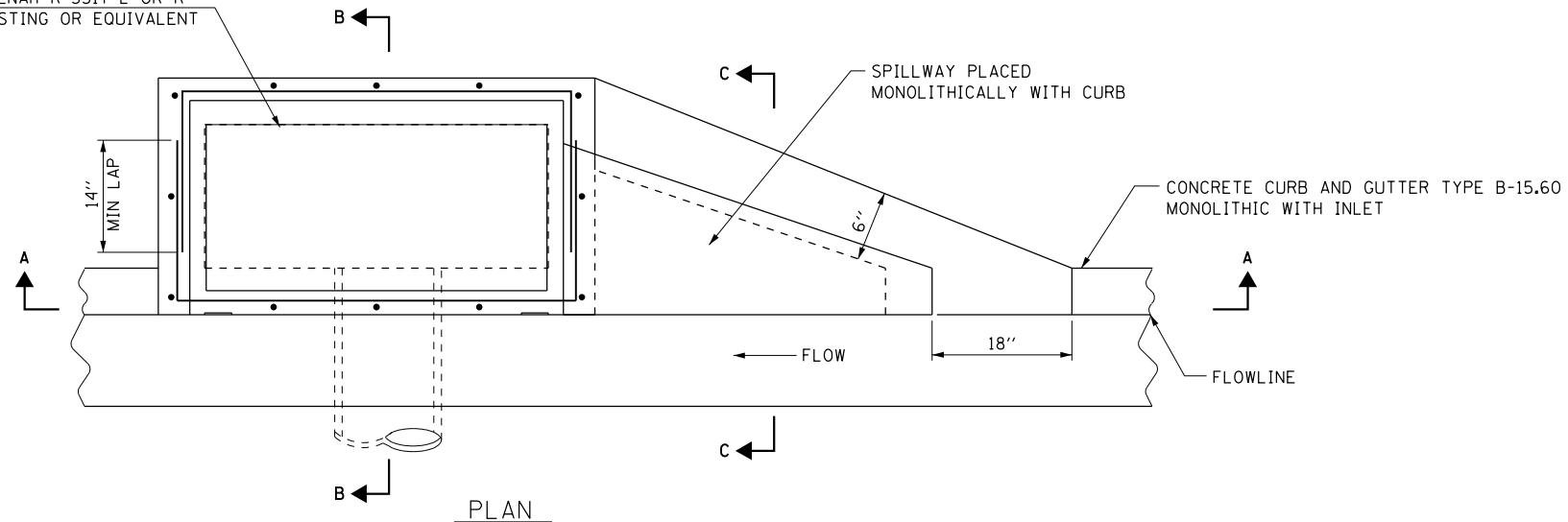
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
DRAINAGE STRUCTURES

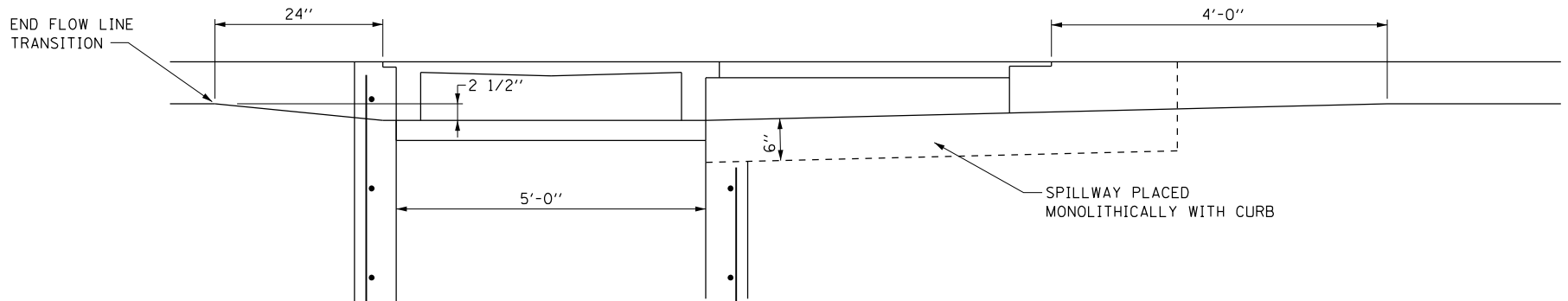
SCALE: NONE SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	39
CONTRACT NO. 72089				
ILLINOIS FED. AID PROJECT				

NEENAH R-3317-L OR R
CASTING OR EQUIVALENT

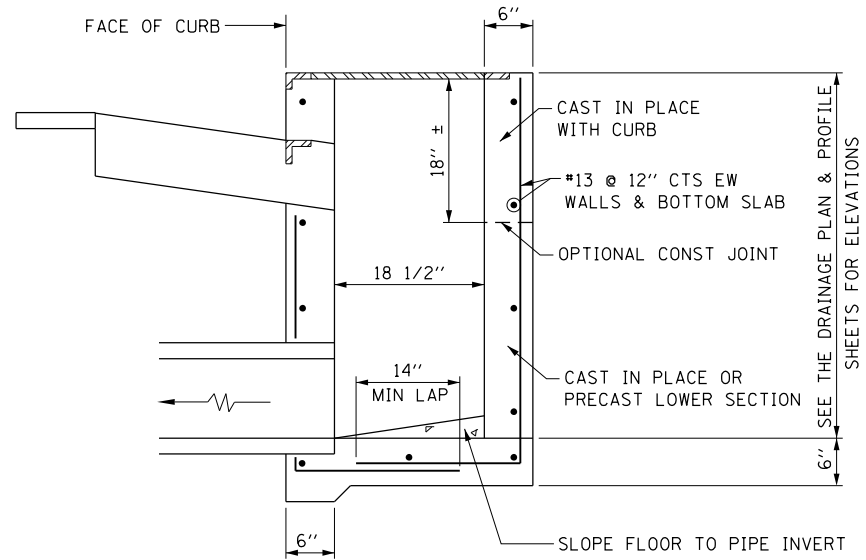


PLAN

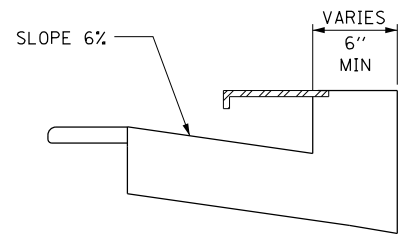


SECTION A-A

THIS SHEET FOR INFORMATION ONLY



SECTION B-B



SECTION C-C

FILE NAME = G:\10\100275\VO 4 - IL 96 Cedar Creek\LC000_Sheets\0672089-sh1-Detail.dgn

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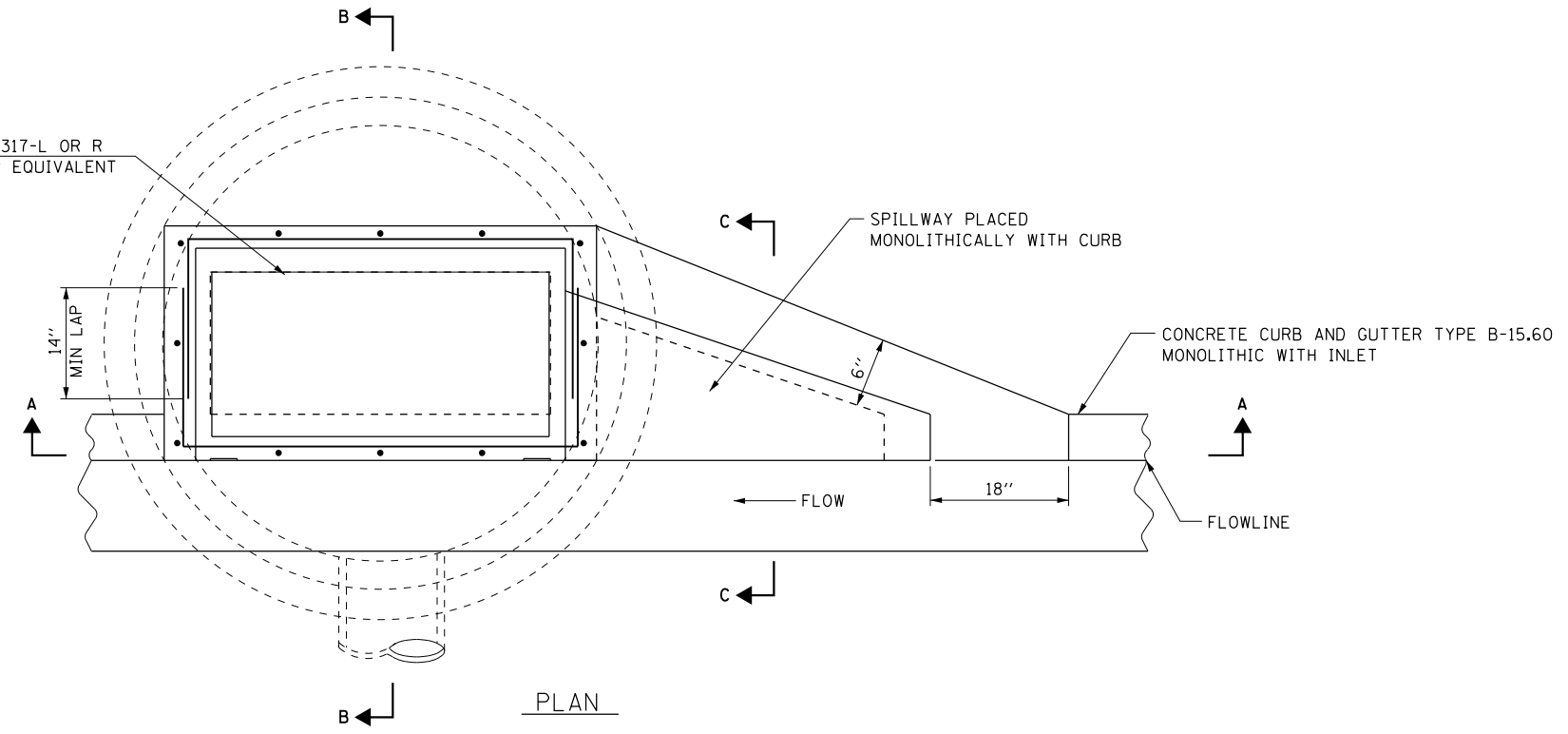
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PLOT SCALE = 100.0000' / 1" =	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - BWP	REVISED -
	DATE - 3/27/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

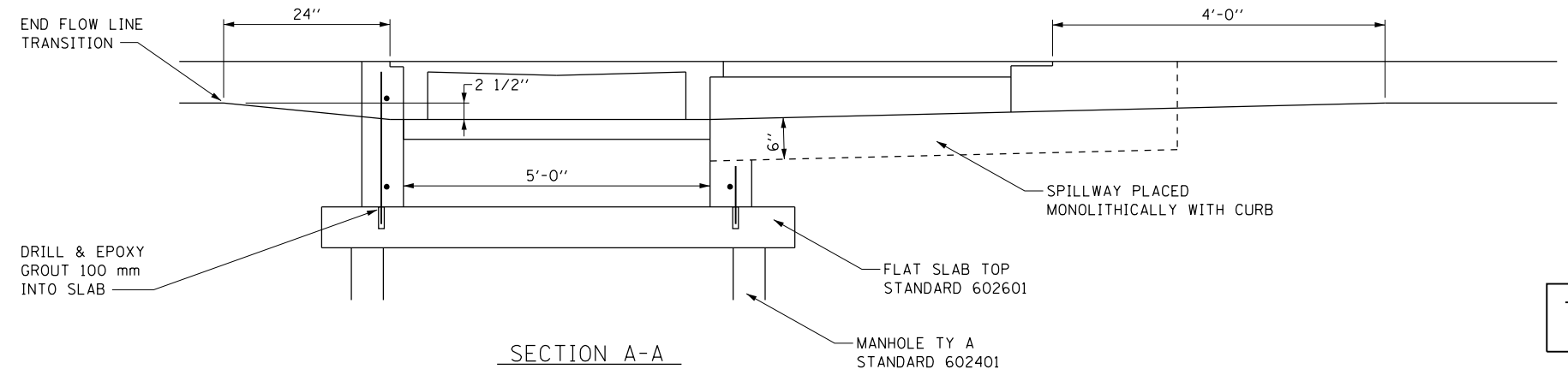
WING INLET DETAILS			
SCALE: NONE	SHEET 5	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	40
CONTRACT NO. 72089				
ILLINOIS FED. AID PROJECT				

NEENAH R-3317-L OR R
CASTING OR EQUIVALENT

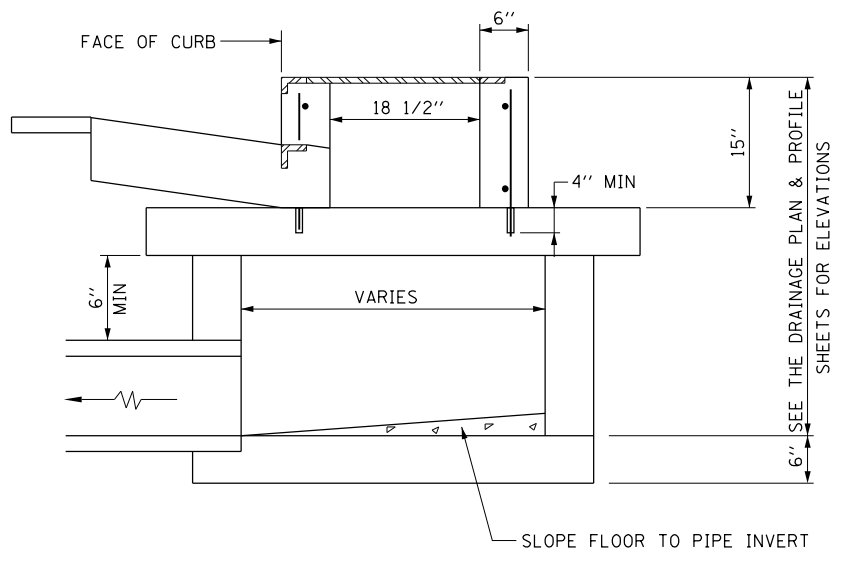


PLAN

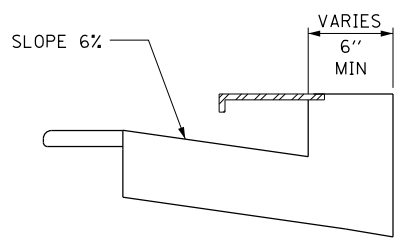


SECTION A-A

THIS SHEET FOR INFORMATION ONLY



SECTION B-B



SECTION C-C

FILE NAME = G:\10\100275\VO 4 - IL 96 Curb - Creek\CADD_Sheets\0672089-sh1-Detail.dgn

KLINGNER & ASSOCIATES, P.C.
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USER NAME = ebb	DESIGNED - EBB	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - BJP	REVISED -
	DATE - 3/27/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WING INLET WITH MANHOLE DETAILS

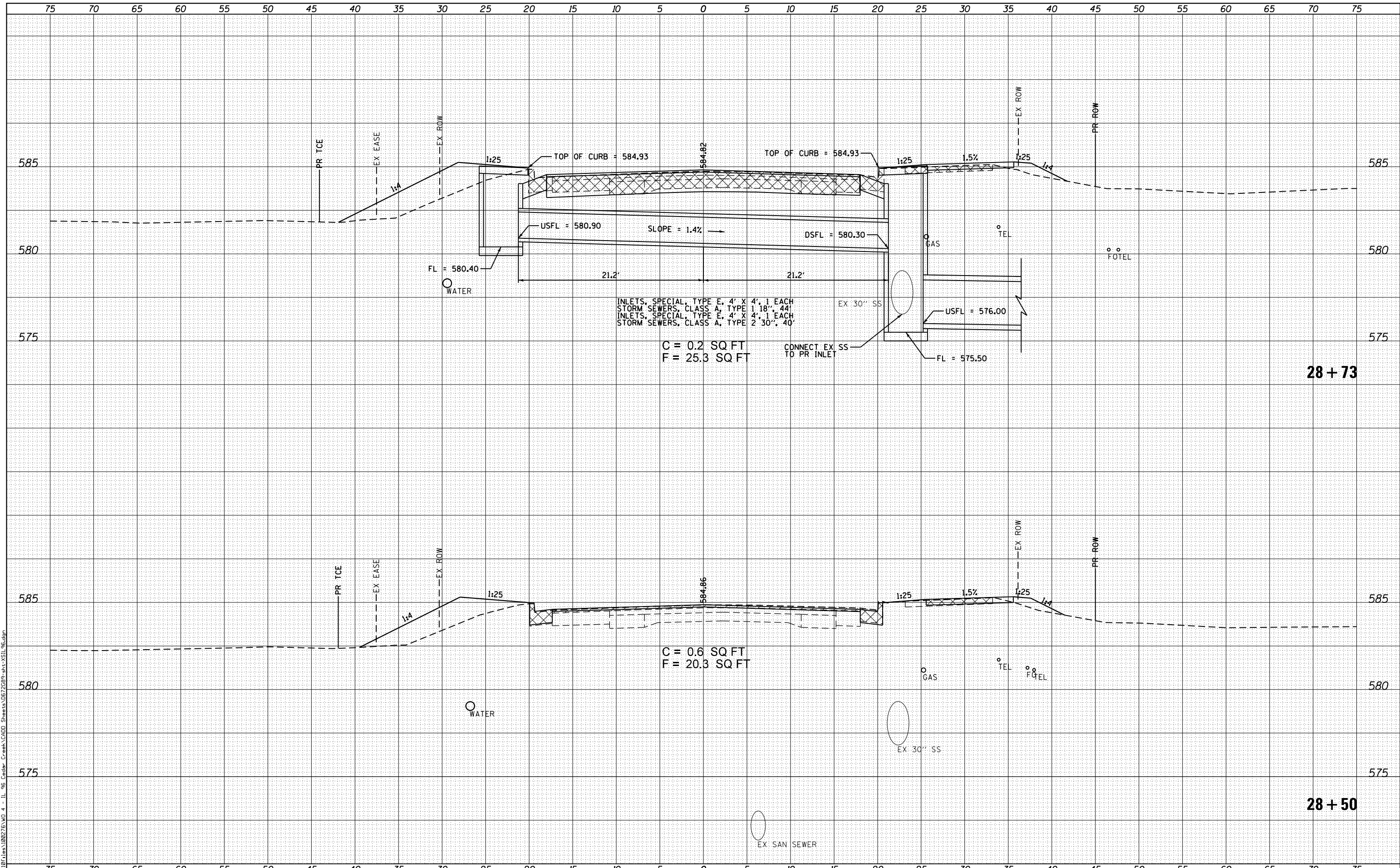
SCALE: NONE SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	41
CONTRACT NO. 72G89				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\1981\1002\26.WD 4 - IL 96 - Cedar Creek\CDU Sheets\0672089-ant-VSI-96.dgn



INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
 STORM SEWERS, CLASS A, TYPE 1' 18", 44'
 INLETS, SPECIAL, TYPE E, 4' X 4', 1 EACH
 STORM SEWERS, CLASS A, TYPE 2' 30", 40'

C = 0.2 SQ FT
 F = 25.3 SQ FT

CONNECT EX SS
 TO PR INLET

C = 0.6 SQ FT
 F = 20.3 SQ FT

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USER NAME = ebb	DESIGNED - EBB	REVISED -
	DRAWN - EBB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RJP	REVISED -
PLOT DATE = 3/27/2017	DATE - 3/07/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

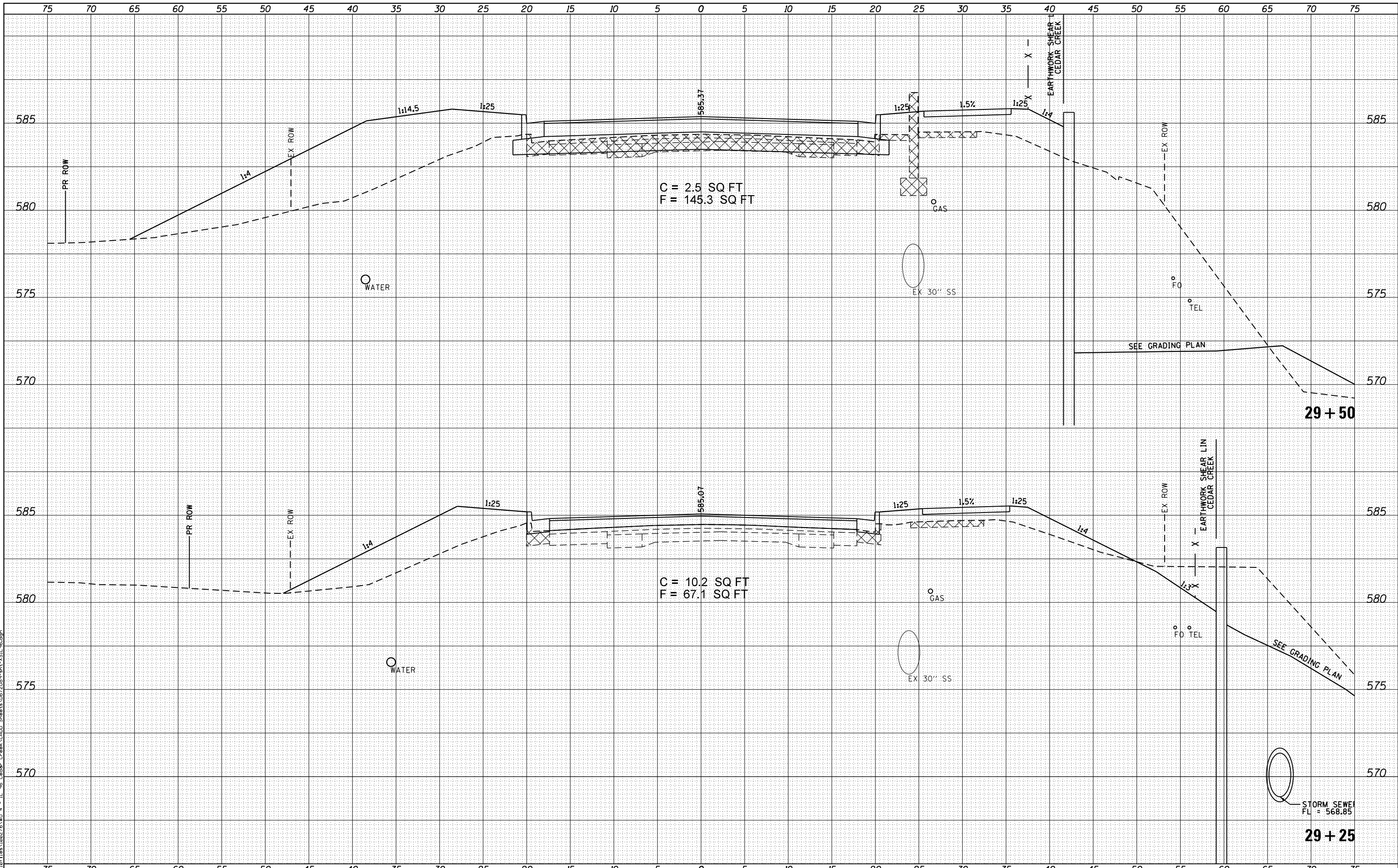
CROSS SECTIONS FAU 7825 (IL 96 /NORTH 24TH)			
SCALE: NONE	SHEET 2 OF 12 SHEETS	STA. 28+50	TO STA. 28+73

F.A.U. RTE. 7825	SECTION (11)B-3	COUNTY ADAMS	TOTAL SHEETS 69	SHEET NO. 43
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\1981\1002\26.WD 4 - IL 96 Cedar Creek\CD00 Sheets\0672089-ant-VSI-96.dgn



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USER NAME = ebb	DESIGNED - EBB	REVISED -
	DRAWN - EBB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RJP	REVISED -
PLOT DATE = 3/27/2017	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
FAU 7825 (IL 96 /NORTH 24TH)**

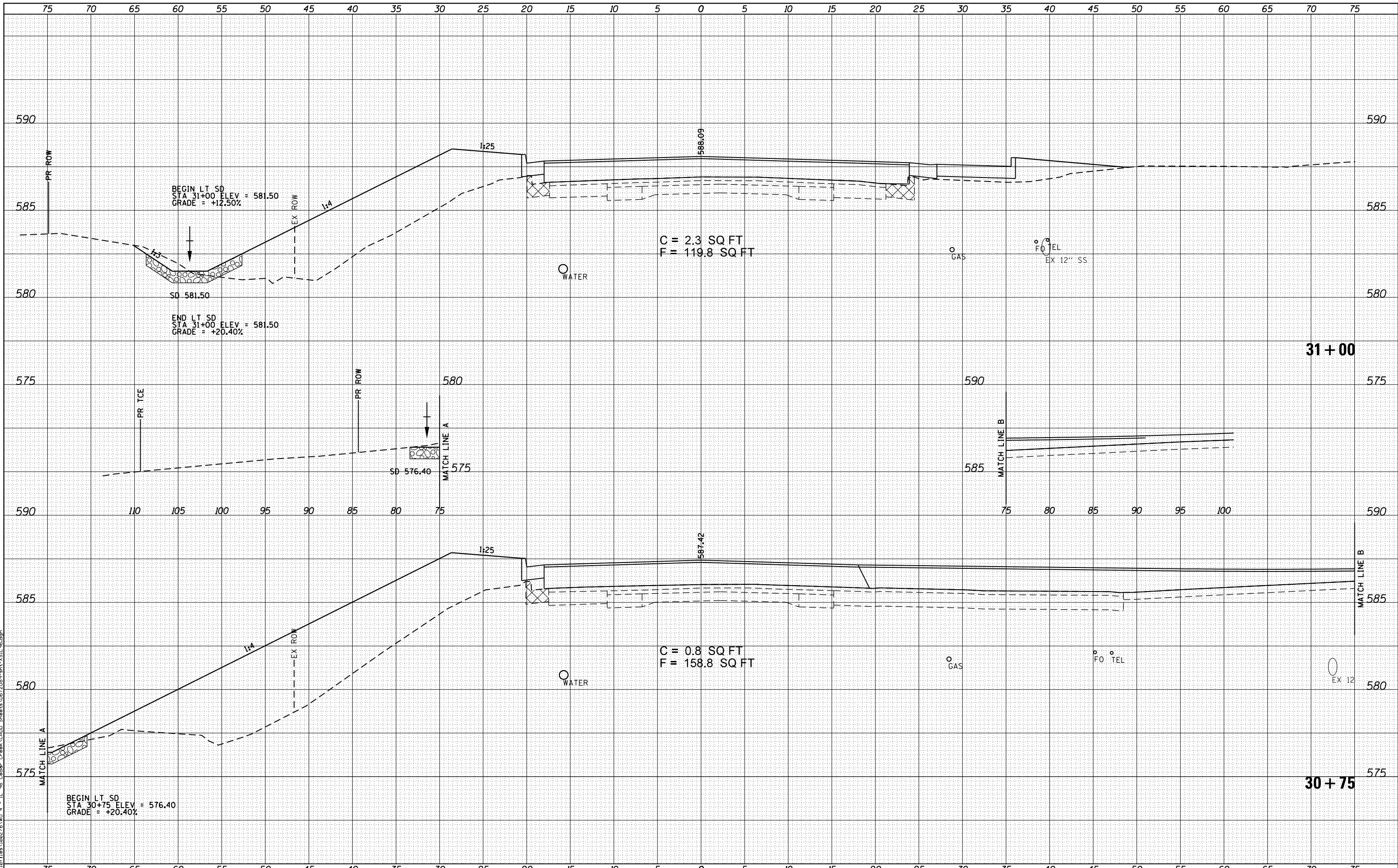
SCALE: NONE SHEET 4 OF 12 SHEETS STA. 29+25 TO STA. 29+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	45
				CONTRACT NO. 72C89
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\1091\1002\26\4 - IL 96 - Cedar Creek\000 Sheets\0672089-ant-VSI-96.dgn



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USER NAME = ebb	DESIGNED - EBB	REVISED -
	DRAWN - EBB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RJP	REVISED -
PLOT DATE = 3/27/2017	DATE - 3/07/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
FAU 7825 (IL 96 /NORTH 24TH)**

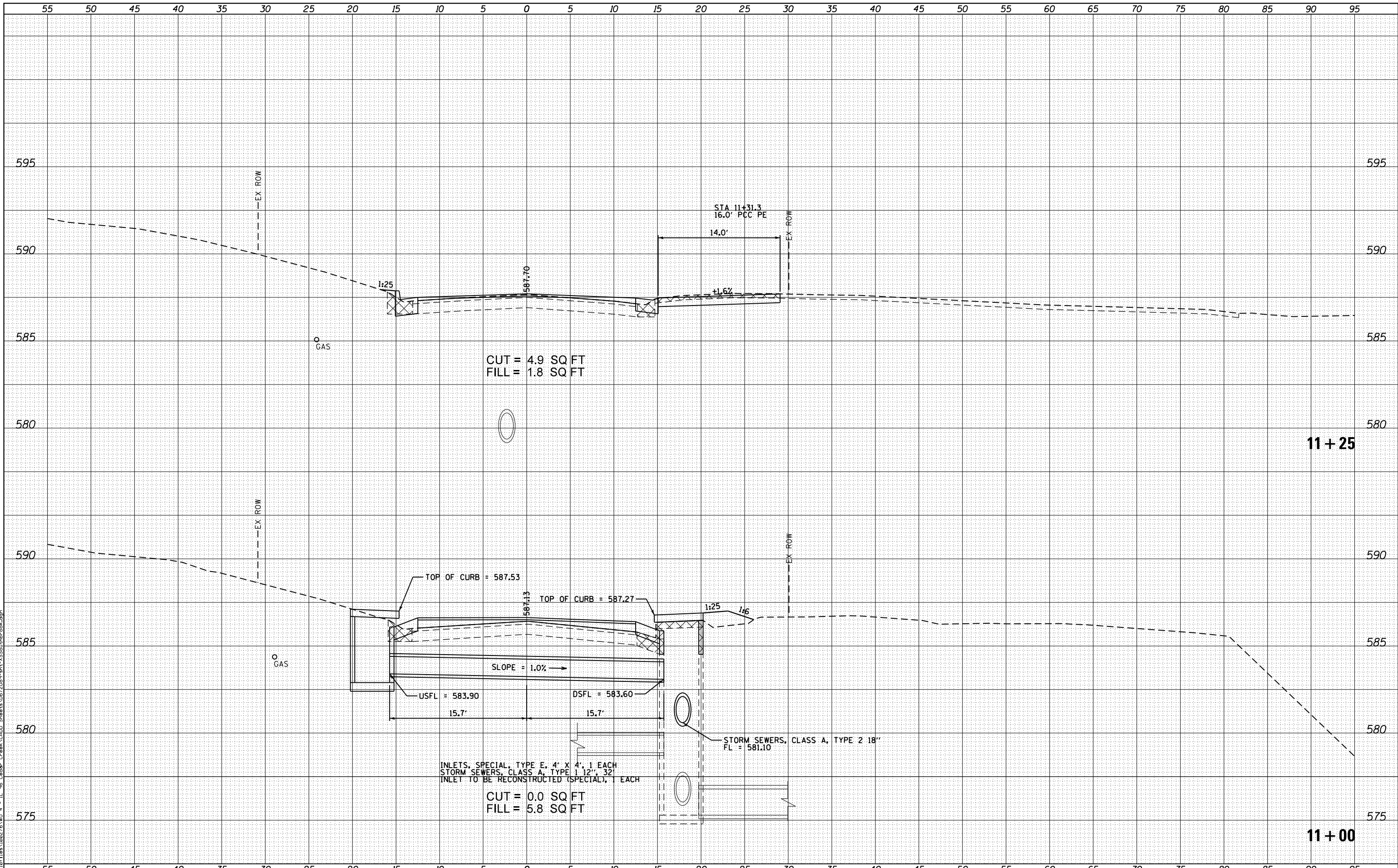
SCALE: NONE SHEET 9 OF 12 SHEETS STA. 30+75 TO STA. 30+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	50
				CONTRACT NO. 72C89
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = G:\10811\1002\10.W0 4 - II_98_Crater_Creek\1000_Sheets\10811\1002\10811-11-SS\Southbrook.dgn



CUT = 4.9 SQ FT
FILL = 1.8 SQ FT

CUT = 0.0 SQ FT
FILL = 5.8 SQ FT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SOUTHBROOK DRIVE

SCALE: 1"=5'H
1"=2.5'V SHEET 4 OF 4 SHEETS STA. 11+00 TO STA. 11+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7825	(11)B-3	ADAMS	69	57
CONTRACT NO. 72C89				

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USER NAME = ebb	DESIGNED - EBB	REVISED -
PLOT SCALE = 10.0000 "/in.	DRAWN - EBB	REVISED -
PLOT DATE = 3/27/2017	CHECKED - RJP	REVISED -
	DATE - 3/07/17	REVISED -

ILLINOIS FED. AID PROJECT

