

ROADWAY IMPROVEMENTS ON

FAU 7814 / HARRISON STREET AT IL ROUTE 96 (SOUTH 36TH STREET)

QUINCY, ADAMS COUNTY, ILLINOIS

PROJECT HPP-4059(001)

JOB NUMBER C-96-210-06

SECTION 05-00186-01-PV

93413

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 7814	05-00186-01-PV	ADAMS	78-77	1
F.H.W.A. REG.		ILLINOIS	PROJECT	

INDEX OF SHEETS

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STANDARDS

SEE SHEET #2

DESIGN DESIGNATIONS

FAU 7814 (HARRISON): URBAN MINOR ARTERIAL (30 MPH)
ADT = 2946 (2005) 3890 (2025)
FAU 7830 (IL 96): URBAN MINOR ARTERIAL (45 MPH)
ADT = 10480 (2005) 12970 (2025)

PROJECT DESCRIPTION

PROJECT CONSISTS OF CONSTRUCTION OF THE EAST LEG OF THE INTERSECTION AND NEW ALIGNMENT, INVOLVING BITUMINOUS PAVEMENT, CURB AND GUTTER, PCC SIDEWALK, STORM SEWERS, DRAINAGE STRUCTURES, TRAFFIC SIGNALS, AND OTHER MISCELLANEOUS APPURTENANCES.

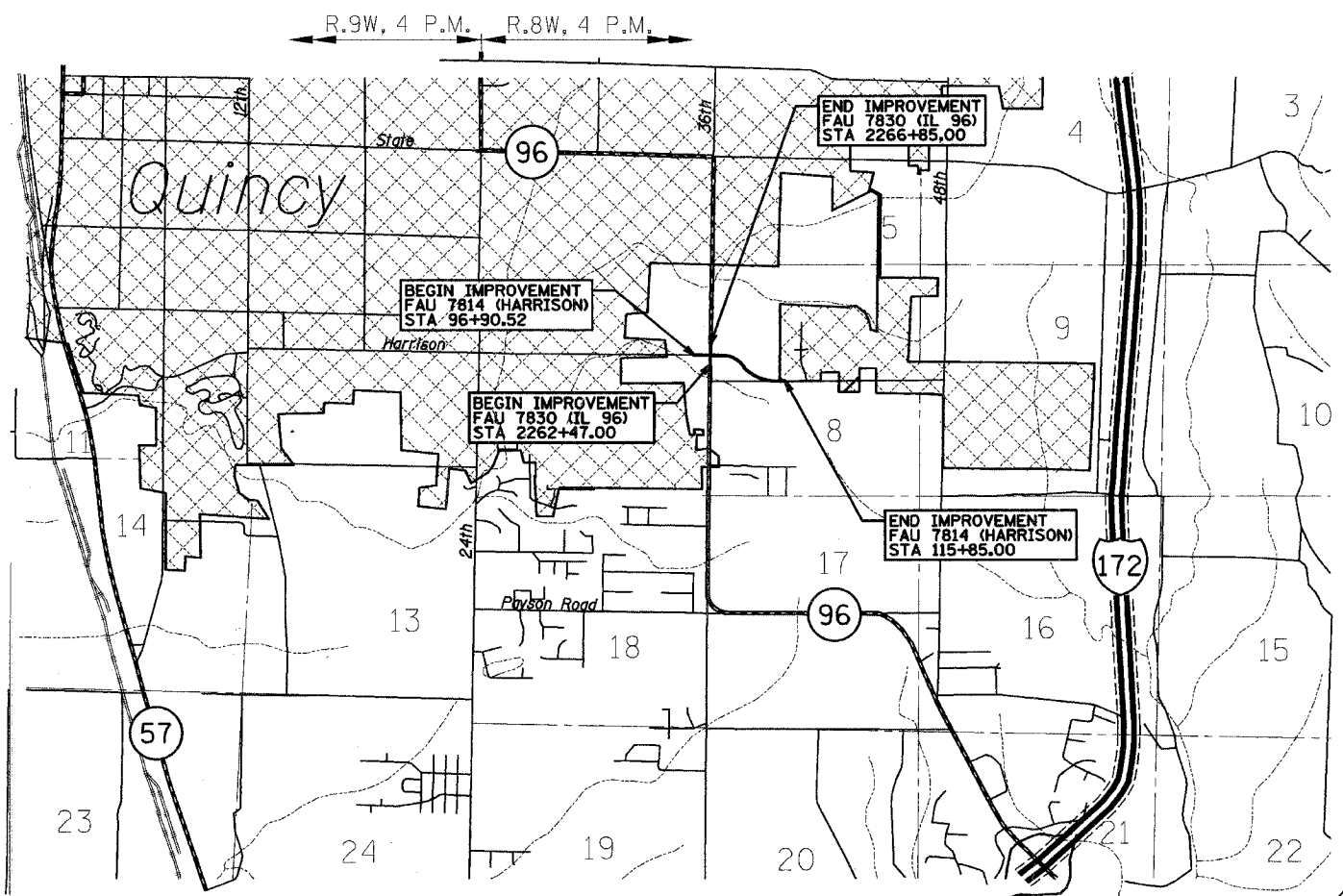
ENGLISH RATIOS

SCALES	}	PLAN	(1" = 20')	0		20'
		PROFILE HORIZ.	(1" = 20')	0		20'
		PROFILE VERT.	(1" = 2')	0		2'
		CROSS SECTIONS HORIZ.	(1" = 5')	0		5'
		CROSS SECTIONS VERT.	(1" = 2.5')	0		2.5'

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

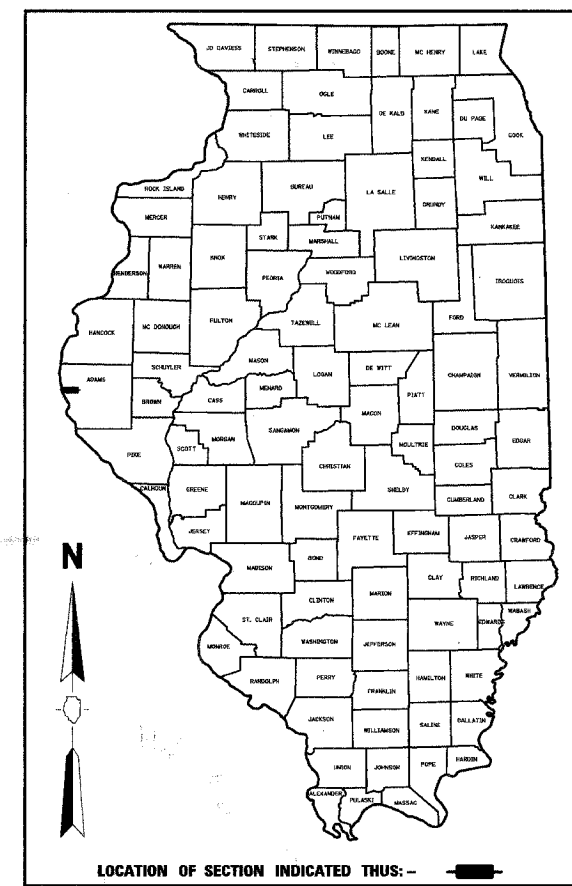
CONTRACT NO. 93413



LENGTH OF FAU 7814 IMPROVEMENT = 2080.37 ft. = 0.394 miles
LENGTH OF FAU 7830 IMPROVEMENT = 438.00 ft. = 0.083 miles
NET LENGTH OF IMPROVEMENT = 2518.37 ft. = 0.477 miles

PLANS PREPARED BY:
KLINGNER & ASSOCIATES, P.C.

Consulting Engineers
616 North 24th Street
Quincy, Illinois 62301
(217)223-3670 FAX: 223-3603
IL DESIGN FIRM NO.: 1842738



APPROVED MARCH 7th 20 06
[Signature] CITY ENGINEER

APPROVED MARCH 7 20 06
[Signature] COUNTY ENGINEER

PASSED 4-3 20 06
[Signature] DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

PASSED April 4 20 06
[Signature] DISTRICT SIX ENGINEER OF CONSTRUCTION

Releasing For Bid Based on Limited Review 4-3 20 06
[Signature] DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

[Signature] 3/7/2006
STEVE E. BANGE DATE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-053338
LICENSE EXPIRES NOVEMBER 30, 2007

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STANDARDS

- 000001-04 Standard Symbols, Abbreviations and Patterns
- 280001-02 Temporary Erosion Control Systems
- 424001-04 Curb Ramps for Sidewalks
- 542121 Reinforced Concrete End Sections for Multiple (2 & 3) Pipe Culverts, 1050 mm (42") thru 1500 mm (60") Diameter at Right Angles With Roadway
- 542301 Precast Reinforced Concrete Flared End Section
- 602301-01 Inlet, Type A
- 602306-01 Inlet, Type B
- 602401-01 Manhole, Type A
- 602701-01 Cast Iron Steps
- 604001-02 Frame and Lids, Type 1
- 604051-02 Frame and Grate, Type 11
- 606001-02 Concrete Curb Type B and Combination Concrete Curb and Gutter
- 606006 Outlet for Concrete Curb and Gutter, Type B-15.60 (B-6.24)
- 701301-02 Lane Closure, 2L, 2W, Short Time Operations
- 701311-02 Lane Closure, 2L, 2W, Moving Operations - Day Only
- 701501-03 Urban Lane Closure, 2L, 2W, Undivided
- 701801-03 Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
- 701701-04 Urban Lane Closure, Multilane Intersection
- 702001-06 Traffic Control Devices
- 720001 Sign Panel Mounting Details
- 720006 Sign Panel Erection Details
- 720011 Metal Posts for Signs, Markers and Delineators
- 720016-01 Mast Arm Mounted Street Name Signs
- 729001 Applications of Types A and B Metal Posts (For Signs & Markers)
- 780001-01 Typical Pavement Markings
- 781001-02 Typical Applications Raised Reflective Pavement Markers
- 814001 Concrete Handholes
- 814006 Double Handholes
- 857001 Standard Phase Designation Diagrams and Phase Sequences
- 877011-02 Steel Combination Mast Arm Assembly and Pole
- 878001-04 Concrete Foundation Details
- 880006 Traffic Signal Mounting Details
- BLR 22-4 Typ. Appl. of T.C.D. for Rural Loc. Hwys. (2-Lane 2 Way Rural Traff.) (Rd. Closed to Thru Traff.)
- 873001 TRAFFIC SIGNAL GROUNDING

GENERAL NOTES

1. THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

THE THICKNESS OF BITUMINOUS MIXTURE 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. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT SEA LEVEL, UNLESS OTHERWISE NOTED.
4. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY.
5. THE FOLLOWING UTILITIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION:

CITY OF QUINCY	SANITARY SEWER	730 MAINE ST, QUINCY, IL	228-4555
CITY OF QUINCY	WATER	730 MAINE ST, QUINCY, IL	228-4580
AMERITECH	TELEPHONE	601 BROADWAY, QUINCY, IL	224-9961
MCLEOD USA	TELEPHONE	510 MAINE ST, QUINCY, IL	228-7900
AMEREN CIPS	ELECTRICAL	700 JERSEY, QUINCY, IL	1-800-789-2477
AMEREN CIPS	GAS	700 JERSEY, QUINCY, IL	1-800-789-2477
INSIGHT COMMUNICATIONS	CABLE	2930 STATE ST, QUINCY, IL	222-5388
6. ADJUSTMENTS OF UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.
7. ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER ON THE COVER SHEET.
9. ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL GOVERN.
10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
11. EXISTING MAILBOXES SHALL BE TEMPORARILY RELOCATED FOR CONTINUED OPERATION AS NECESSARY DURING CONSTRUCTION. MAIL BOXES SHALL BE RELOCATED TO THEIR FINAL LOCATION AFTER CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.



RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, BASE, OR BACKFILL)	2.05 TON/CU YD
SUBBASE GRANULAR MATERIAL, TYPE C	1.80 TON/CU YD
STONE DUMPED RIPRAP	1.50 TON/CU YD
BITUMINOUS CONCRETE:	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON/SQ YD
BITUMINOUS SURFACE / BINDER	0.056 TON/SQ YD-IN
BITUMINOUS SURFACE MIX D OR E	0.060 TON/SQ YD-IN
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
SODDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	0.0186 LBS/SQ YD
PHOSPHOROUS FERTILIZER NUTRIENT	0.0011 LBS/SQ YD
POTASSIUM FERTILIZER NUTRIENT	0.0074 LBS/SQ YD
AGRICULTURAL GROUND LIMESTONE	0.000046 TON/SQ YD
SUPPLEMENTAL WATERING	0.009 UNITS/SQ YD (3 appl. @ 3GAL/ SQ YD)
LIME FOR LIME MODIFIED SOILS, 12"	0.02 TON/SQ YD
WATER FOR LIME MODIFIED SOILS, 12"	0.007 UNITS/SQ YD (1 UNIT = 1000 GAL)

TRAFFIC CONTROL NOTES

1. HARRISON FROM IL ROUTE 96 TO JUST EAST OF 39TH STREET WILL BE CLOSED TO THROUGH TRAFFIC UTILIZING IDOT STANDARD B.L.R. 22.
2. THE ADAMS COUNTY HIGHWAY DEPARTMENT SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING DETOUR SIGNS FOR THE ROAD CLOSURE. THE CONTRACTOR SHALL PROVIDE THE ADAMS COUNTY HIGHWAY DEPARTMENT 2 WEEKS NOTICE PRIOR TO THE CLOSURE OF HARRISON.
3. TRAFFIC CONTROL DURING WIDENING OPERATIONS ALONG IL ROUTE 96 SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701501. BARRICADE, DRUM, OR VERTICAL PANEL SPACING SHALL BE DECREASED TO 50' MINIMUM SPACING.
4. TRAFFIC CONTROL DURING MILLING AND RESURFACING OPERATIONS ON IL ROUTE 96 SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701501.
5. TRAFFIC CONTROL DURING WATER MAIN CONSTRUCTION ALONG IL 96 SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701501.
6. TRAFFIC CONTROL DURING CURB AND SIDEWALK CONSTRUCTION ALONG HARRISON SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701701 & 701801.
7. ALL WEATHER ACCESS SHALL BE PROVIDED TO THE RESIDENCE AT 3700 HARRISON DURING THE ENTIRE PROJECT. ALL WEATHER ACCESS SHALL BE A MINIMUM OF 10' WIDE, 4" AGGREGATE BASE.
8. THE MAXIMUM CLOSURE OF ACCESS TO ANY AGRICULTURAL PRIVATE PROPERTY SHALL BE 10 CALENDAR DAYS.

ABBREVIATIONS & SYMBOLS

- TCE TEMPORARY CONSTRUCTION EASEMENT
-  INLET, SPECIAL, TYPE E
-  INLET, SPECIAL

(SEE STANDARD 000001-04 FOR OTHER ABBREVIATIONS AND SYMBOLS)

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
STANDARDS - SEB	1/10/06
ROW COMM. - SEB	3/6/06

STANDARDS AND GENERAL NOTES
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 9/12/05 CHECKED BY SRW

3/6/2006
 FAU 7814 (HARRISON STREET) SECTION 05-00186-01-PV

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Y060

CODE NO.	ITEM	SP. PROV.	UNIT	TOTAL QUANTITIES	PARTICIPATING		NON-PART. 100% CITY OF QUINCY WATER & SANITARY			
					I000-2A	Y031-1F				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)		UNIT	139	139					
20200100	EARTH EXCAVATION	*	CU YD	9655	9655					
20800150	TRENCH BACKFILL	*	CU YD	1092	840		252			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		SQ YD	3313	3313					
25000110	SEEDING, CLASS 1A		ACRE	3.2	3.2					
25000400	NITROGEN FERTILIZER NUTRIENT		POUND	284	284					
25000500	PHOSPHORUS FERTILIZER NUTRIENT		POUND	284	284					
25000600	POTASSIUM FERTILIZER NUTRIENT		POUND	284	284					
25100115	MULCH, METHOD 2		ACRE	3.2	3.2					
25100630	EROSION CONTROL BLANKET		SQ YD	66	66					
28000200	EARTH EXCAVATION FOR EROSION CONTROL		CU YD	45	45					
28000250	TEMPORARY EROSION CONTROL SEEDING		POUND	316	316					
28000300	TEMPORARY DITCH CHECKS		EACH	18	18					
28000400	PERIMETER EROSION BARRIER		FOOT	2138	2138					
28000500	INLET AND PIPE PROTECTION		EACH	5	5					
28100807	STONE DUMPED RIPRAP, CLASS A4		TON	189	189					
28200200	FILTER FABRIC		SQ YD	275	275					
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A		TON	3538	3538					
35100100	AGGREGATE BASE COURSE, TYPE A		TON	8051	8051					
35650510	BASE COURSE WIDENING 11"		SQ YD	18	18					
40200100	AGGREGATE SURFACE COURSE, TYPE A		TON	40	40					
40600200	BITUMINOUS MATERIALS (PRIME COAT)		TON	17.1	17.1					
40600300	AGGREGATE (PRIME COAT)		TON	3.7	3.7					
40600895	CONSTRUCTING TEST STRIP		EACH	2	2					
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT		SQ YD	54	54					
40600990	TEMPORARY RAMP		SQ YD	49	49					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH		SQ YD	152	152					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD	130	130					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		SQ FT	9763	9763					
42400800	DETECTABLE WARNINGS		SQ FT	174	174					
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"		SQ YD	1856	1856					
44000100	PAVEMENT REMOVAL	*	SQ YD	3896	3896					
44000200	DRIVEWAY PAVEMENT REMOVAL	*	SQ YD	82	82					
44000500	COMBINATION CURB AND GUTTER REMOVAL	*	FOOT	28	28					
44000600	SIDEWALK REMOVAL	*	SQ FT	25	25					
44004000	PAVED DITCH REMOVAL		FOOT	104	104					
44100100	PAVEMENT REPLACEMENT	*	SQ YD	3.3			3.3			
48101200	AGGREGATE SHOULDERS, TYPE B		TON	45	45					
50105220	PIPE CULVERT REMOVAL		FOOT	325	325					
50300225	CONCRETE STRUCTURES		CU YD	24.0	24.0					
50800105	REINFORCEMENT BARS		POUND	1820	1820					
50900805	PEDESTRIAN RAILING	*	FOOT	86	86					
54201297	PIPE CULVERTS, TYPE 2 RCCP 42"		FOOT	130	130					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		EACH	2	2					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		EACH	1	1					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		EACH	2	2					
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"		EACH	1	1					
54216930	REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 18" RISER		EACH	1	1					
54217711	REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 24" RISER		EACH	1	1					
54248500	CONCRETE HEADWALLS	*	CU YD	8.8	8.8					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"		FOOT	126	126					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"		FOOT	558	558					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"		FOOT	241	241					

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
PAY ITEM - SEB	9/26/05
PAY ITEM - SEB	1/10/06
ROW COM - SEB	3/6/06

SUMMARY OF QUANTITIES
 SHEET 1 OF 4
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: NONE
 DATE: 9/12/05

DRAWN BY: SEB
 CHECKED BY: SRW

3/6/2006
 P:\0711\05\0834\Contract\03_04\034_01\001.dwg

Y060

CODE NO.	ITEM	SP. PROV.	UNIT	TOTAL QUANTITIES	PARTICIPATING		NON-PART. 100% CITY OF QUINCY WATER & SANITARY
					1000-2A	Y031-1F	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"		FOOT	287	287		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"		FOOT	180	180		
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"		FOOT	475	475		
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"		FOOT	20	20		
△ 56100700	WATER MAIN 8"		FOOT	246			246
△ 56108900	TAPPING VALVES AND SLEEVES 8"	*	EACH	3			3
△ 56400700	FIRE HYDRANTS (SPECIAL)	*	EACH	2			2
60107600	PIPE UNDERDRAINS 4"		FOOT	82	82		
△ 60228110	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	*	EACH	4			4
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE		EACH	3	3		
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE		EACH	1	1		
60242400	INLETS, SPECIAL	*	EACH	2	2		
60242820	INLETS, SPECIAL, TYPE E	*	EACH	18	18		
△ 60266600	VALVE BOXES TO BE ADJUSTED	*	EACH	4			4
60403600	GRATES, SPECIAL	*	EACH	1	1		
60600095	CLASS SI CONCRETE (OUTLET)		CU YD	3.8	3.8		
60602400	CONCRETE GUTTER (SPECIAL)	*	FOOT	373	373		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18		FOOT	4524	4524		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24		FOOT	419	419		
67100100	MOBILIZATION	*	L SUM	1	1		
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	*	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501		L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701		L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801		L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING		FOOT	656	656		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS		SQ FT	133	133		
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"		FOOT	2181	2181		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"		FOOT	1168	1168		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"		FOOT	208	208		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"		FOOT	117	117		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"		FOOT	98	98		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL		SQ FT	2242	2242		
72000100	SIGN PANEL - TYPE 1		SQ FT	3.0	3.0		
72000200	SIGN PANEL - TYPE 2		SQ FT	22.6	22.6		
72400720	RELOCATE SIGN PANEL - TYPE 2		SQ FT	23.0	23.0		
72900100	METAL POST - TYPE A		FOOT	8.0	8.0		
△ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS		SQ FT	133	133		
△ 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"		FOOT	2181	2181		
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"		FOOT	1168	1168		
△ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"		FOOT	208	208		
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"		FOOT	117	117		
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"		FOOT	98	98		
△ 78001110	PAINT PAVEMENT MARKING - LINE 4"		FOOT	340	340		
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER		EACH	30	30		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		EACH	30	30		
△ 80500205	SERVICE INSTALLATION, TYPE B (MODIFIED)		EACH	1		1	
△ 81012400	CONDUIT IN TRENCH, 1/4" DIA., PVC		FOOT	56	56		
△ 81012600	CONDUIT IN TRENCH, 2" DIA., PVC		FOOT	52	52		
△ 81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC		FOOT	106	106		
△ 81012800	CONDUIT IN TRENCH, 3" DIA., PVC		FOOT	29	29		
△ 81013000	CONDUIT IN TRENCH, 4" DIA., PVC		FOOT	165	165		
△ 81021570	CONDUIT, AUGERED 3" DIA., PVC	*	FOOT	60	60		
△ 81306500	REMOVE EXISTING JUNCTION BOX	*	EACH	3	3		

△ SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
PAY ITEM - SEB	9/26/05
PAY ITEM - SEB	1/10/06
ROW COM - SEB	3/6/06

SUMMARY OF QUANTITIES
 SHEET 2 OF 4
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY
 SCALE: NONE DRAWN BY SEB
 DATE 9/12/05 CHECKED BY SRW

3/6/2006 P:\Mtl\as\24234\Contract\as1\301_24234.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Y060

CODE NO.	ITEM	SP. PROV.	UNIT	TOTAL QUANTITIES	PARTICIPATING		NON-PART. 100% CITY OF QUINCY WATER & SANITARY
					1000-2A	Y031-1F	
△ 81400400	CONCRETE HANDHOLE		EACH	4		4	
△ 81400600	CONCRETE DOUBLE HANDHOLE		EACH	1		1	
△ 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK		FOOT	335		335	
△ 81700315	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C NO. 10		FOOT	503		503	
△ 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE		EACH	1		1	
△ 84200700	LIGHTING FOUNDATION REMOVAL	*	EACH	1		1	
△ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C		FOOT	1539		1539	
△ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C		FOOT	500		500	
△ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C		FOOT	1462		1462	
△ 87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C		FOOT	696		696	
△ 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR		FOOT	495		495	
△ 87301715	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR		FOOT	940		940	
△ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C		FOOT	31		31	
△ 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.		EACH	4		4	
△ 87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II		EACH	3		3	
△ 87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.		EACH	1		1	
△ 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.		EACH	2		2	
△ 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.		EACH	1		1	
△ 87800100	CONCRETE FOUNDATION, TYPE A		FOOT	12		12	
△ 87800200	CONCRETE FOUNDATION, TYPE D		FOOT	3		3	
△ 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER		FOOT	54		54	
△ 87900200	DRILL EXISTING HANDHOLE	*	EACH	1		1	
△ 88200100	TRAFFIC SIGNAL BACKPLATE		EACH	18		18	
△ 88800100	PEDESTRIAN PUSH-BUTTON		EACH	8		8	
△ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION		EACH	1		1	
△ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT		FOOT	534		534	
△ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	*	EACH	1		1	
△ 89502380	REMOVE EXISTING HANDHOLE	*	EACH	3		3	
△ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	*	EACH	6		6	
△ X0320872	VIDEO VEHICLE DETECTION SYSTEM	*	EACH	1		1	
X0323889	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 18"	*	FOOT	46	46		
X4066514	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	*	TON	966	966		
X4066526	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	*	TON	168	168		
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	*	TON	2941	2941		
X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	*	TON	77	77		
△ X8440102	RELOCATE EXISTING LUMINAIRE	*	EACH	2		2	
△ X8801300	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	*	EACH	3		3	
△ X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	*	EACH	2		2	
△ X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	*	EACH	1		1	
△ X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	*	EACH	4		4	
△ X8801437	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	*	EACH	3		3	
△ X8801447	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	*	EACH	1		1	
△ X8810395	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	*	EACH	6		6	
△ X8810495	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	*	EACH	1		1	
△ XX003162	EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT	*	EACH	2		2	
△ XX003163	EMERGENCY VEHICLE PRIORITY SYSTEM	*	EACH	1		1	
△ XX004683	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET COMPLETE	*	EACH	1		1	
XX004900	TURF REINFORCEMENT MAT	*	SQ YD	357	357		
XX004934	STORM SEWERS, DUCTILE IRON (WATER MAIN REQUIREMENTS) 12"	*	FOOT	46	46		
XX005396	BIAXIAL GEOGRID	*	SQ YD	10746	10746		
△ XX006035	CASING PIPE 16"	*	FOOT	20		20	
Z0013798	CONSTRUCTION LAYOUT	*	L SUM	1	1		
△ Z0060900	SANITARY SEWER, TYPE 3 8"	*	FOOT	80		80	

△ SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
PAY ITEM - SEB	9/26/05
PAY ITEM - SEB	1/10/06
ROW COM - SEB	3/6/06

SUMMARY OF QUANTITIES
 SHEET 3 OF 4
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 9/12/05 CHECKED BY SRW

3/6/2006 P:\B\F\Jes\0324\Construction\03_2429_04a_SUMQ.DWG

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Y060

CODE NO.	ITEM	SP. PROV.	UNIT	TOTAL QUANTITIES	PARTICIPATING		NON-PART. 100% CITY OF QUINCY WATER & SANITARY
					I000-2A	Y031-1F	
Δ Z0061000	SANITARY SEWER, TYPE 3 10"	•	FOOT	70			70
Δ XX006566	WATER MAIN FITTINGS 8" 22.5 DEGREE ELBOW	•	EACH	1			1
Δ XX006567	WATER MAIN FITTINGS 8" 45 DEGREE ELBOW	•	EACH	2			2
Δ XX006568	WATER MAIN FITTINGS 8" CAP AND BLOWOFF VALVE	•	EACH	3			3
Δ X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	*	FOOT	1253		1253	

Δ SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
PAY ITEM - SEB	9/26/05
PAY ITEM - SEB	1/10/06
ROW COM - SEB	3/6/06

SUMMARY OF QUANTITIES
 SHEET 4 OF 4
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

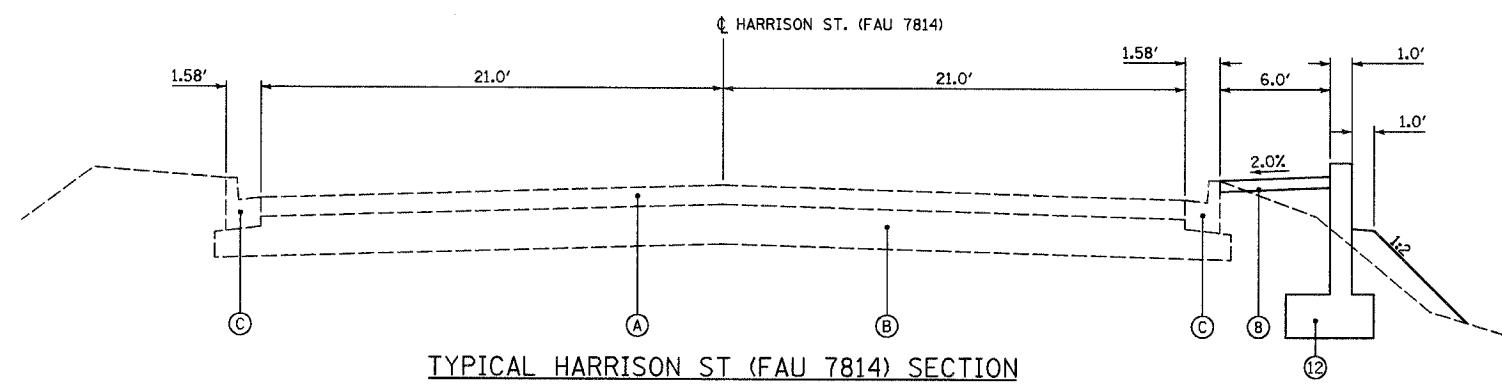
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9/12/2006

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL HARRISON ST (FAU 7814) SECTION

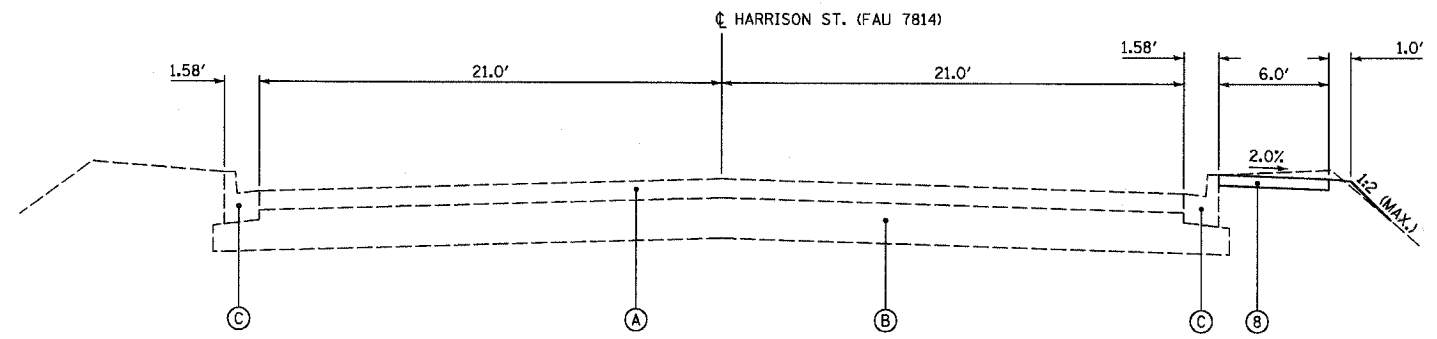
STA 96+97.40 TO STA 97+85.00

EXISTING LEGEND

- (A) EXISTING BITUMINOUS CONCRETE SURFACE & BINDER, 5/4"
- (B) EXISTING AGGREGATE BASE COURSE, 8"
- (C) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12

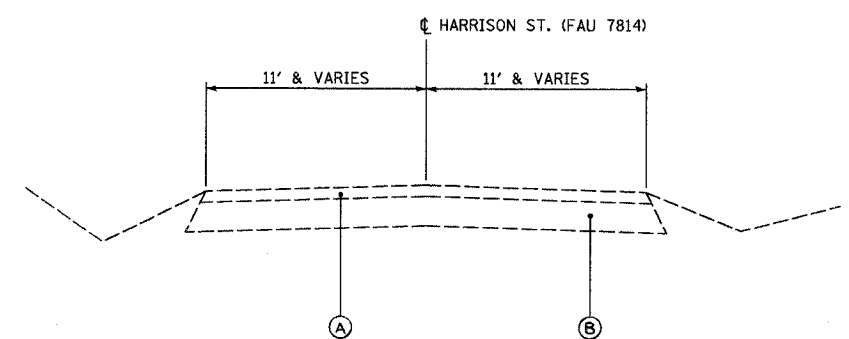
PROPOSED LEGEND

- (B) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (12) RETAINING WALL WITH PEDESTRIAN RAILING (SEE SHEET 41)



TYPICAL HARRISON ST (FAU 7814) SECTION

STA 97+85.00 TO STA 99+82.00



EXISTING HARRISON ST SECTION

STA 100+20 TO STA 115+85

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
ROW COMM. - SEB	3/6/06

TYPICAL SECTIONS
 EXISTING HARRISON
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

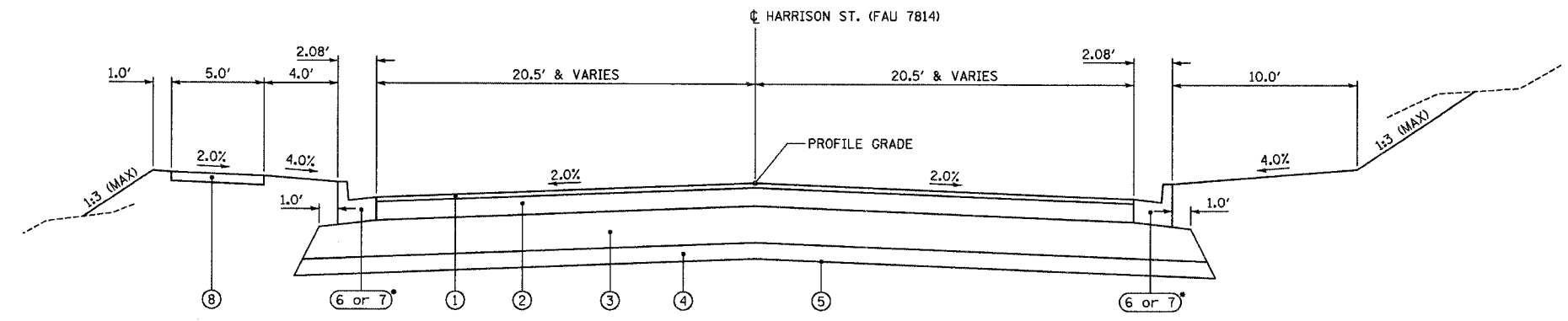
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 CHECKED BY: SRW

2/6/2006

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



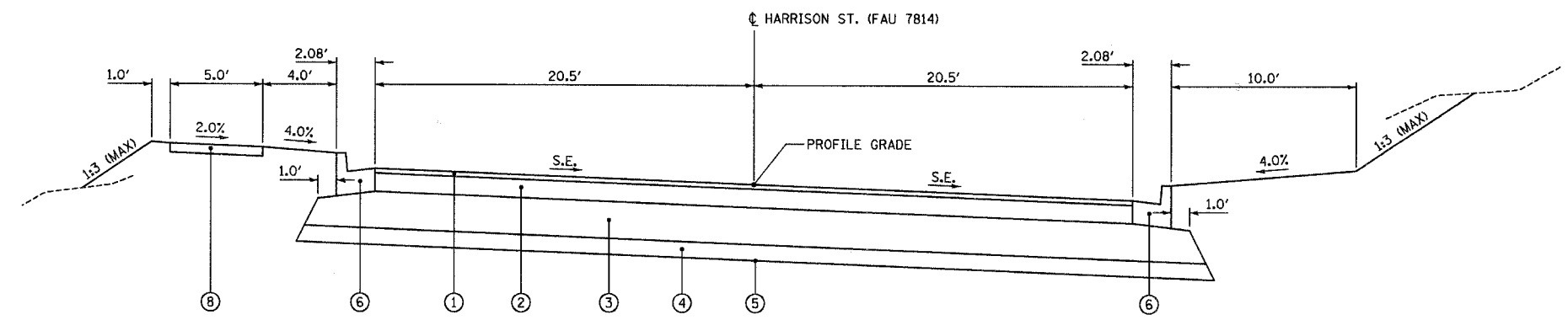
• - B-6.24 STA 200+21.00 TO STA 201+60.00

TYPICAL HARRISON ST (FAU 7814) SECTION

STA 200+21.00 TO STA 201+42
 STA 113+56 TO STA 115+60.00

PROPOSED LEGEND

- ① POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- ② BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50, 5 1/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 12"
- ④ SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- ⑤ BIAXIAL GEOGRID
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑨ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑩ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50, 2 1/2"
- ⑪ AGGREGATE BASE COURSE, TYPE A, 8"



TYPICAL SUPERELEVATED HARRISON ST (FAU 7814) SECTION

STA 201+42 TO STA 201+96 S.E. ATTAINED
 STA 201+96 TO STA 207+83 S.E. = 2.0% (RIGHT)
 STA 207+83 TO STA 208+37 S.E. REMOVED
 STA 208+37 TO STA 208+91 S.E. ATTAINED
 STA 208+91 TO STA 214+88 S.E. = 2.0% (LEFT)
 STA 214+88 TO STA 113+56 S.E. REMOVED STATION EQ: 215+05.89 BK = 113+20.00 AH

BITUMINOUS PAVEMENT DESIGN (HARRISON ST.)

STRUCTURAL DESIGN TRAFFIC (STD) YEAR: 2015
 ADT: 3380
 PERCENT OF STD FOR SECTION:
 PV=94% SU=5% MU=1%
 STD VOLUMES:
 PV=3177 SU=169 MU=34
 CLASS II ROAD
 SOIL CLASSIFICATION=FAIR
 TRAFFIC FACTOR=0.26
 PROVIDE:
 6.75" BITUMINOUS CONCRETE BINDER & SURFACE COURSE (N50)
 12.00" AGGREGATE BASE COURSE, TYPE A

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	NO. 1	NO. 2	NO. 3	NO. 4
LOCATION(S):	HARRISON (FAU 7814)	HARRISON (FAU 7814)	SIDE STREETS	SIDE STREETS
MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE	SURFACE COURSE	BINDER COURSE
AC/PG:	SBS PG 64-28	PG 64-22	PG 64-28	PG 64-22
RAP % (MAX)	0%	25%	0%	25%
DESIGN AIR VOIDS:	4% @ Ndesign = 50	4% @ Ndesign = 50	4% @ Ndesign = 50	4% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5L	IL-19.0
FRICTION AGGREGATE	MIX "C"	N/A	MIX "C"	N/A

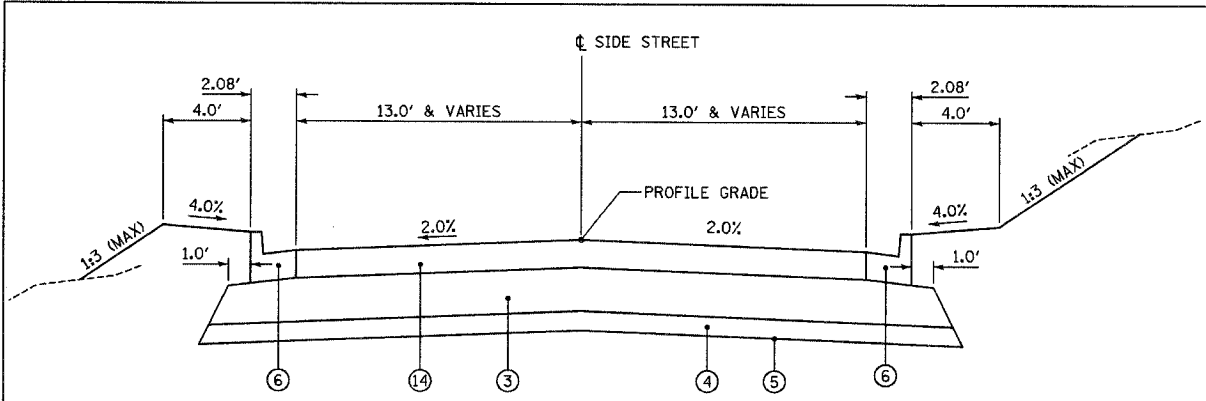
REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
MIX DES. - SEB	12/19/05
ROW COMM. - SEB	3/6/06

TYPICAL SECTIONS
 PROPOSED HARRISON
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

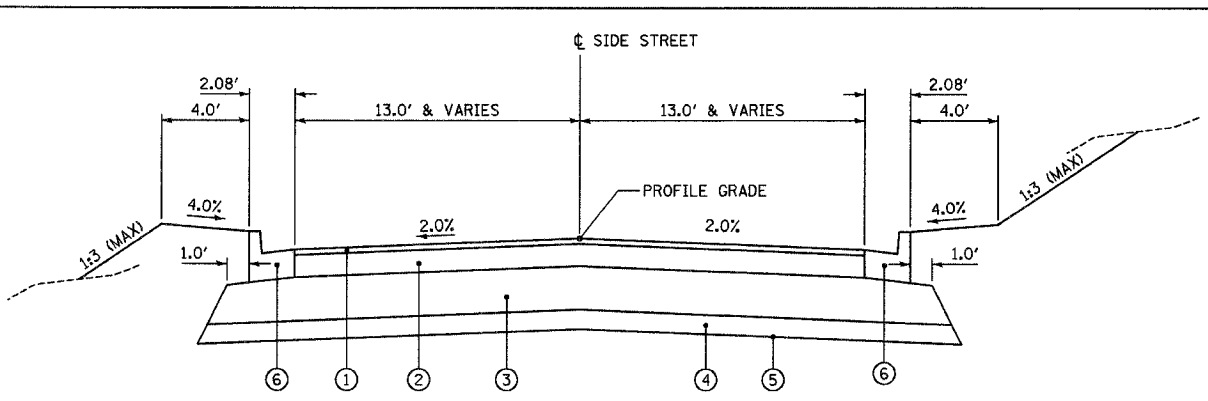
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 DATE 9/12/05 CHECKED BY SRW

3/6/2006

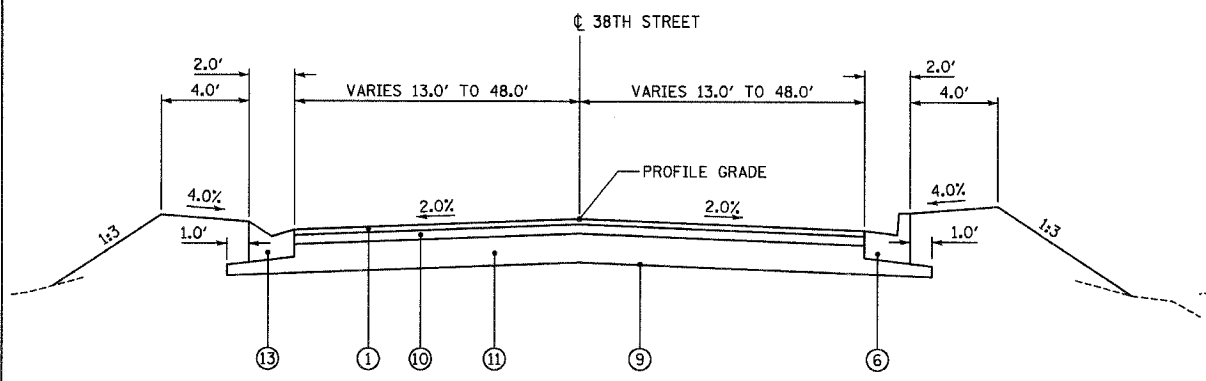
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



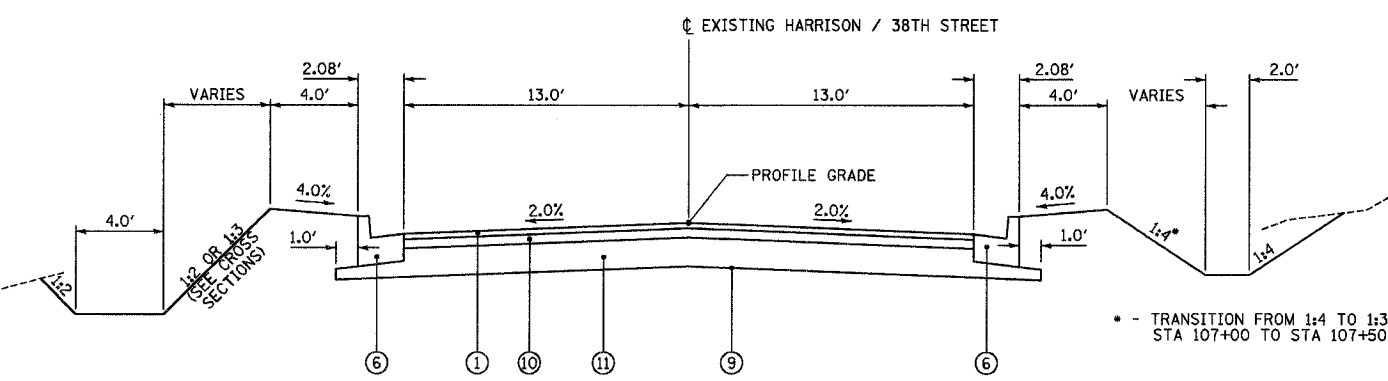
TYPICAL SIDE STREET SECTION
 STA 9+45.00 TO STA 9+77.42 37TH STREET



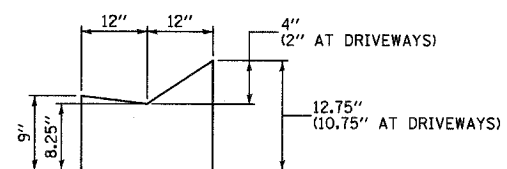
TYPICAL SIDE STREET SECTION
 STA 10+20.50 TO STA 10+55.00 37TH STREET
 STA 49+50.73 TO STA 49+79.50 38TH STREET
 STA 50+20.50 TO STA 50+51.92 38TH STREET
 STA 10+20.50 TO STA 10+60.00 39TH STREET



TYPICAL EXISTING HARRISON / 38TH STREET SECTION
 STA 101+58.00 TO STA 105+00.00



TYPICAL EXISTING HARRISON / 38TH STREET SECTION
 STA 105+00.00 TO STA 49+50.73 STATION EQ: 107+60.80 BK = 47+84.70 AH



CONCRETE GUTTER (SPECIAL) DETAIL
 (SEE STD 606001 FOR DETAILS NOT SHOWN)

PROPOSED LEGEND

- ① POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- ② BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50, 5/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 12"
- ④ SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- ⑤ BIAXIAL GEOGRID
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑨ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑩ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50, 2 1/2"
- ⑪ AGGREGATE BASE COURSE, TYPE A, 8"
- ⑬ CONCRETE GUTTER (SPECIAL)
- ⑭ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"

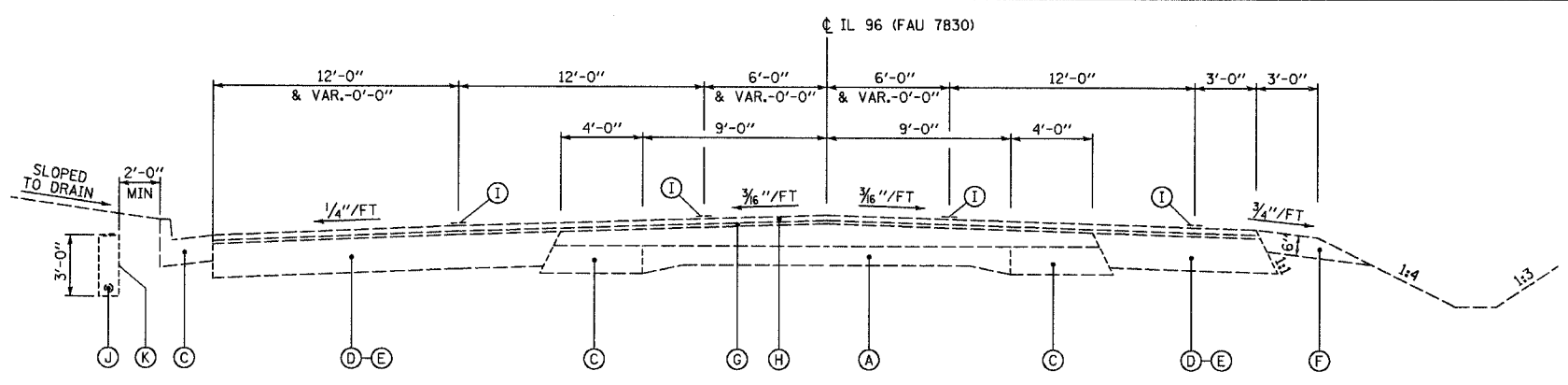
REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
STA & MIX DES. - SEB	12/19/05
REM SP GUTTER - SEB	1/10/06
ROW COMM. - SEB	3/6/06

TYPICAL SECTIONS
 SIDE STREETS
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: NONE DRAWN BY: BOJ/SEB
 DATE: 9/12/05 CHECKED BY: SRW

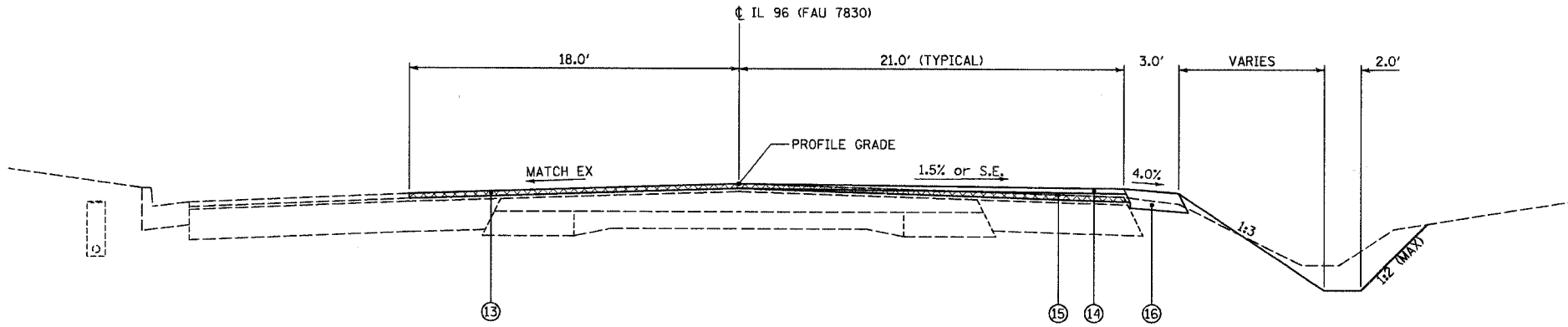
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

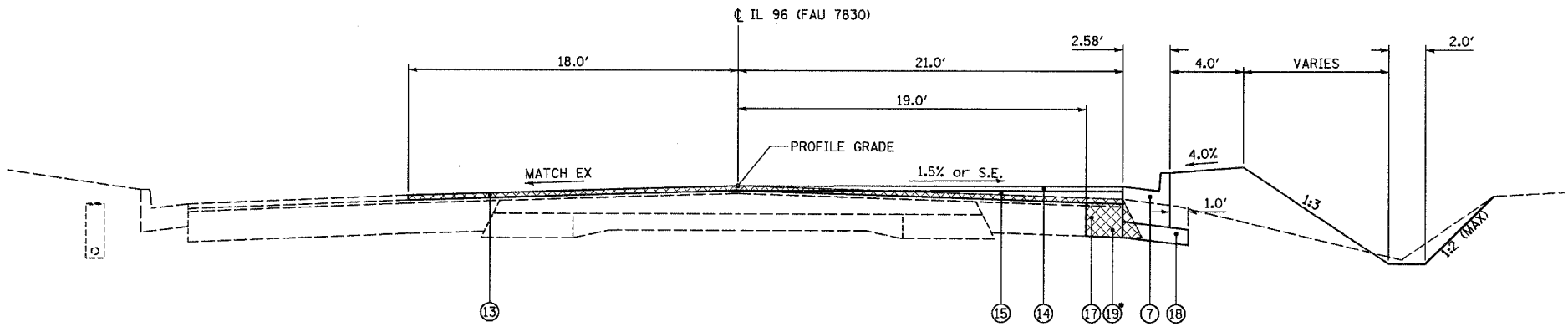


EXISTING TYPICAL IL 96 (FAU 7830) SECTION
STA 2264+47.00 TO STA 2266+85.00

AGGREGATE SHOULDER & DITCH GRADING ONLY
STA 2257+30.00 TO STA 2258+60.00 RT
STA 2261+75.00 TO STA 2262+47.00 RT



TYPICAL IL 96 (FAU 7830) SECTION
STA 2262+47.00 TO STA 2262+73.48 S.E. TRANSITION
STA 2265+31.55 TO STA 2266+85.00



TYPICAL IL 96 (FAU 7830) SECTION
STA 2262+73.48 TO STA 2263+49.0 S.E. TRANSITION
STA 2263+49.0 TO STA 2263+99.0 S.E. = +1.5%
STA 2263+99.0 TO STA 2265+01.0 S.E. TRANSITION
STA 2265+01.0 TO STA 2265+15.00

• - STA 2262+73.48 TO STA 2263+10.00
STA 2264+72.00 TO STA 2265+15.00

EXISTING LEGEND

- (A) EXISTING 9-6-9 PAVEMENT & 5/2" BIT. CL. I
- (B) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.24
- (C) EXISTING BITUMINOUS BASE COURSE WIDENING
- (D) EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- (E) EXISTING BITUMINOUS BASE COURSE 10"
- (F) EXISTING AGGREGATE SHOULDER TYPE B 6"
- (G) EXISTING LEVELING BINDER 1"
- (H) EXISTING BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE D, TYPE 2, 1/2"
- (I) EXISTING PAVEMENT MARKING
- (J) EXISTING BACKSLOPE DRAINS, TYPE I 6"
- (K) EXISTING FRENCH DRAIN

PROPOSED LEGEND

- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (8) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (13) BITUMINOUS SURFACE REMOVAL, 1/2"
- (14) POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1/2"
- (15) BITUMINOUS LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70, VARIABLE DEPTH
- (16) AGGREGATE SHOULDER, TYPE B, 6"
- (17) BASE COURSE WIDENING, 11"
- (18) AGGREGATE BASE COURSE, TYPE A, 4" MINIMUM
- (19) PAVEMENT REMOVAL

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	NO. 5	NO. 6	NO. 7
LOCATION(S):	IL 96 (FAU 7830)	IL 96 (FAU 7830)	IL 96 (FAU 7830)
MIXTURE USE(S):	SURFACE COURSE	LEVELING BINDER	BASE COURSE WIDENING
AC/PG:	SBS PG 70-22	PG 64-22	PG 64-22
RAP % (MAX)	0%	15%	25%
DESIGN AIR VOIDS:	4% @ Ndesign = 70	4% @ Ndesign = 70	4% @ Ndesign = 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5 OR IL-12.5	IL-9.5 OR IL-12.5	IL-19.0
FRICTION AGGREGATE	MIX "D"	N/A	N/A

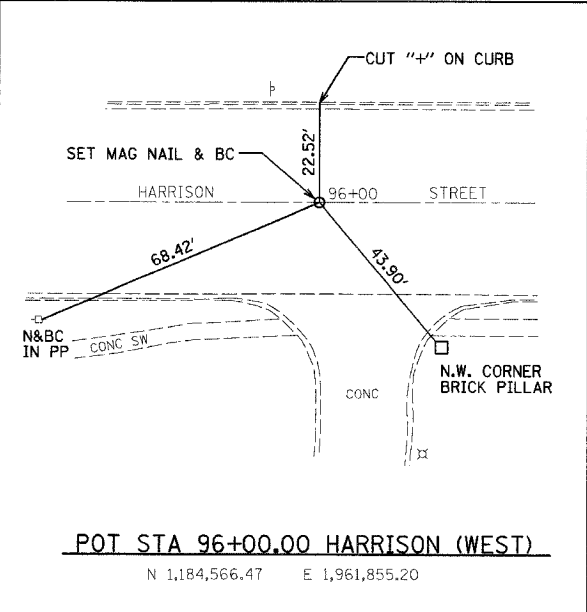
REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
MIX DES. - SEB	12/19/05
ROW COMM. - SEB	3/6/06

TYPICAL SECTIONS
IL ROUTE 96
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

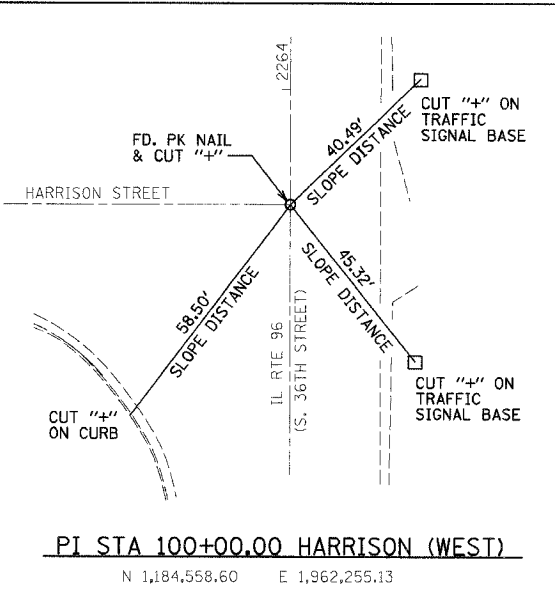
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DATE 9/12/05 CHECKED BY SRW

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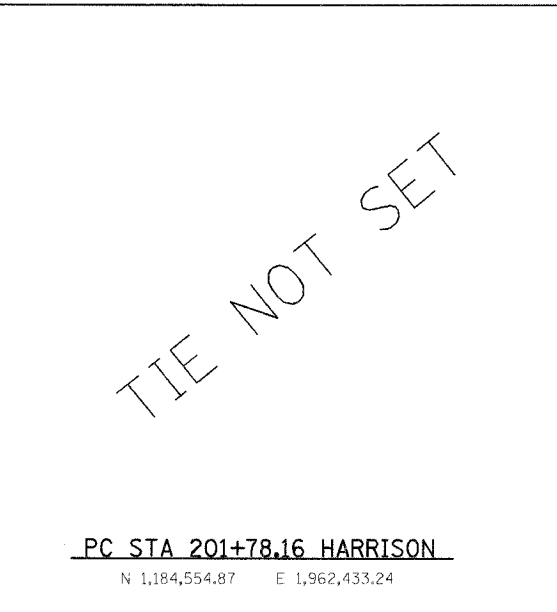
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



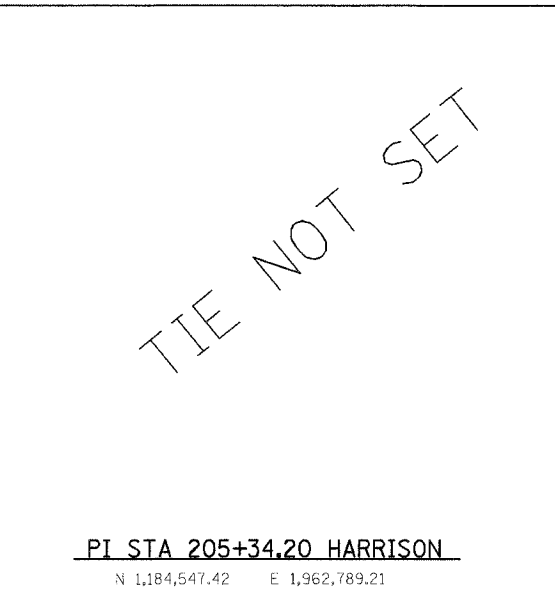
POT STA 96+00.00 HARRISON (WEST)
N 1,184,566.47 E 1,961,855.20



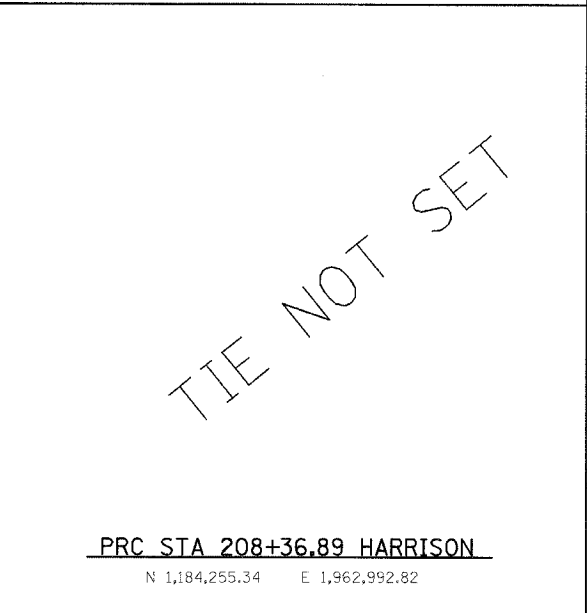
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N 1,184,558.60 E 1,962,255.13



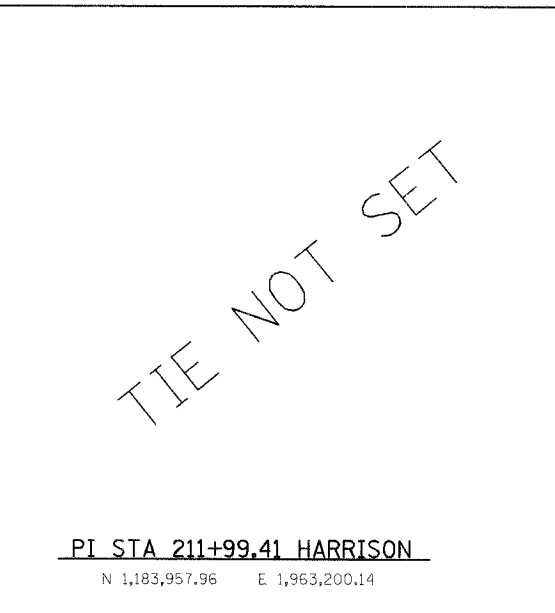
PC STA 201+78.16 HARRISON
N 1,184,554.87 E 1,962,433.24



PI STA 205+34.20 HARRISON
N 1,184,547.42 E 1,962,789.21



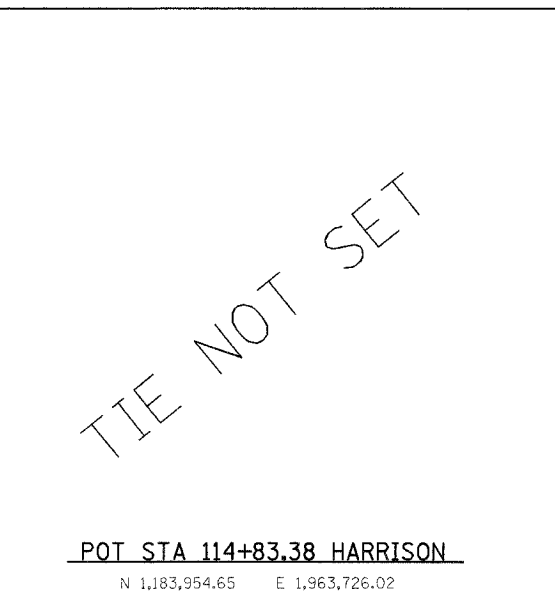
PRC STA 208+36.89 HARRISON
N 1,184,255.34 E 1,962,992.82



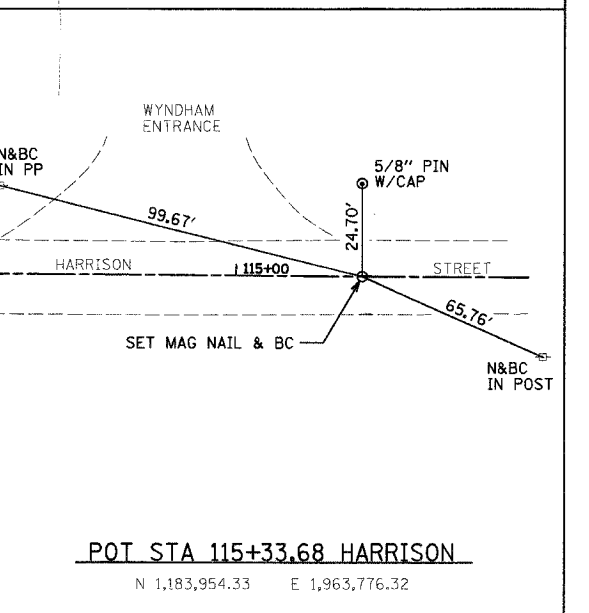
PI STA 211+99.41 HARRISON
N 1,183,957.96 E 1,963,200.14



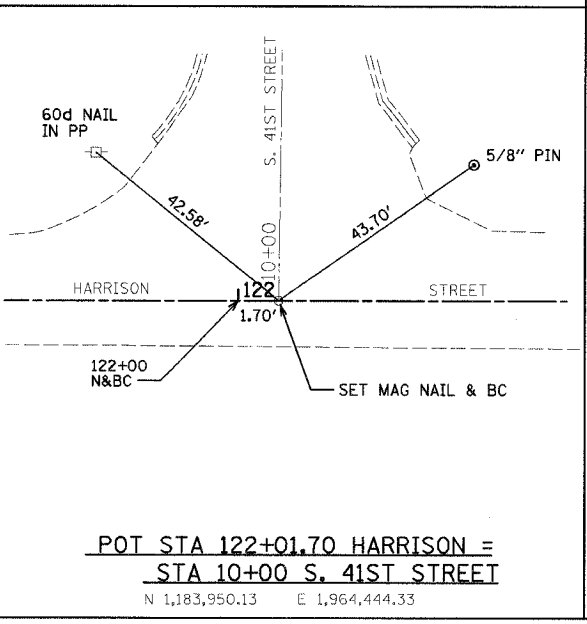
PT STA 215+05.89 BK=113+20.00 AH HARRISON
N 1,183,955.67 E 1,963,562.65



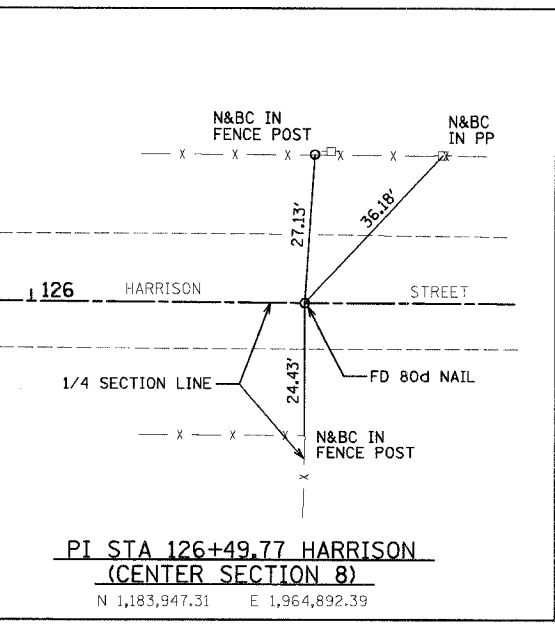
POT STA 114+83.38 HARRISON
N 1,183,954.65 E 1,963,726.02



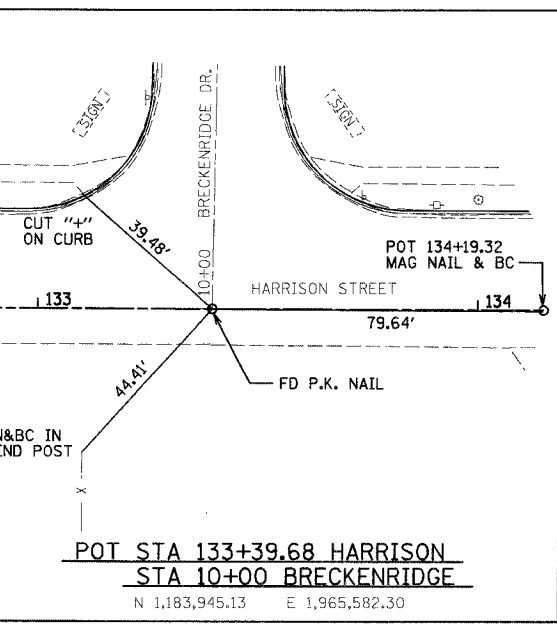
POT STA 115+33.68 HARRISON
N 1,183,954.33 E 1,963,776.32



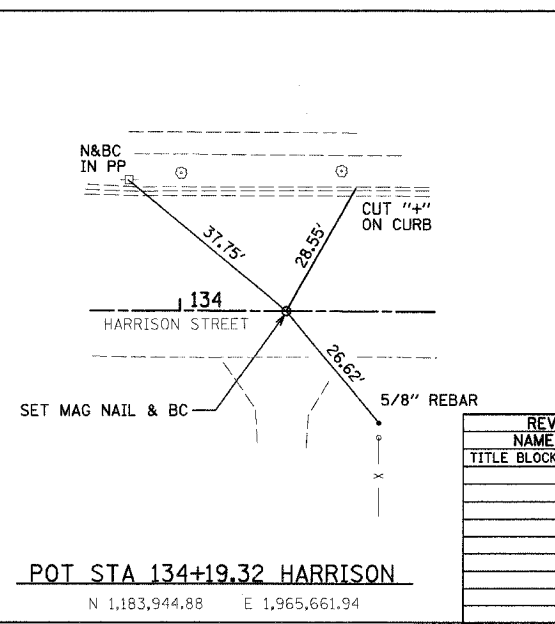
POT STA 122+01.70 HARRISON = STA 10+00 S. 41ST STREET
N 1,183,950.13 E 1,964,444.33



PI STA 126+49.77 HARRISON (CENTER SECTION 8)
N 1,183,947.31 E 1,964,892.39



POT STA 133+39.68 HARRISON STA 10+00 BRECKENRIDGE
N 1,183,945.13 E 1,965,582.30



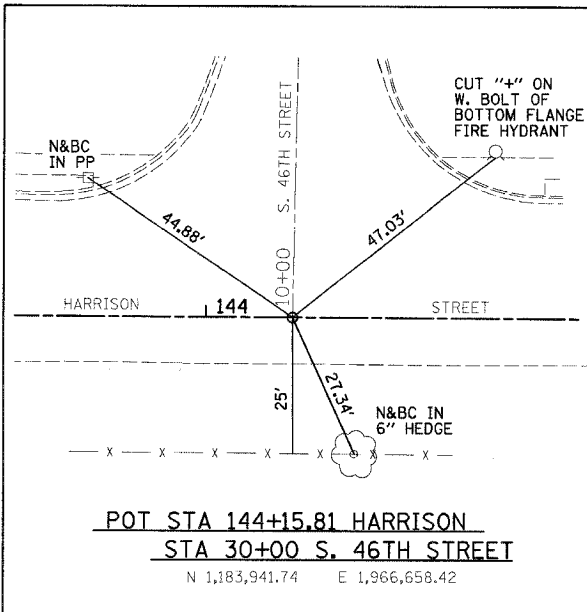
POT STA 134+19.32 HARRISON
N 1,183,944.88 E 1,965,661.94

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05

HORIZONTAL CONTROL POINTS
SHEET 1 OF 2
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY
SCALE: NONE DRAWN BY BDJ
DATE 9/12/05 CHECKED BY SRW

9/12/2005
 P:\845\104\948\94\Control\114_#42394a_TIES.DGN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



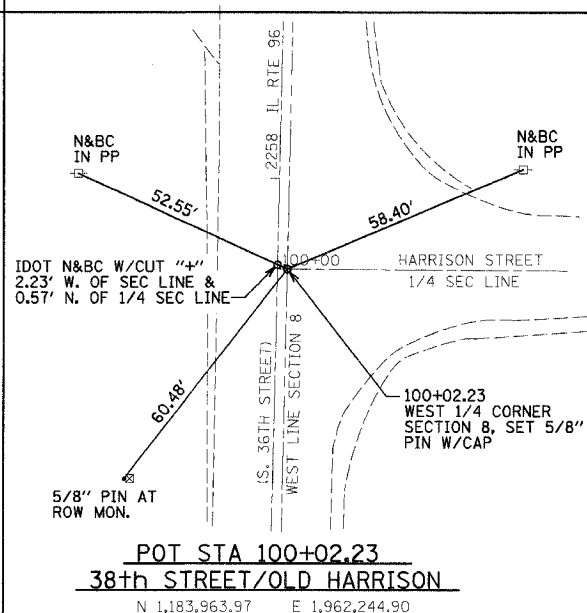
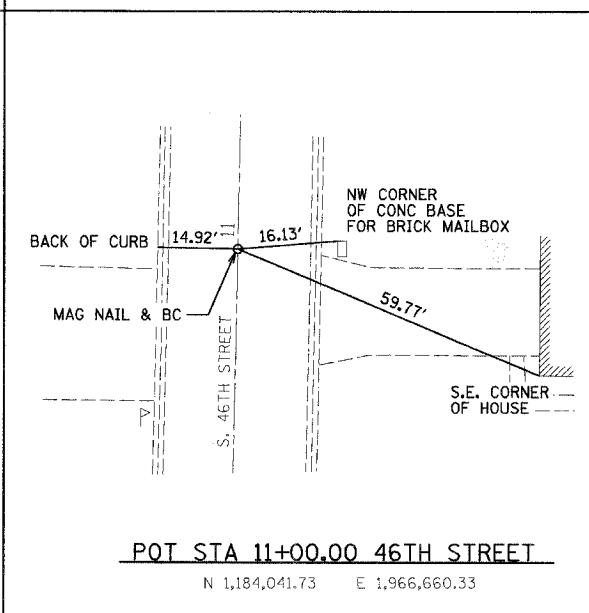
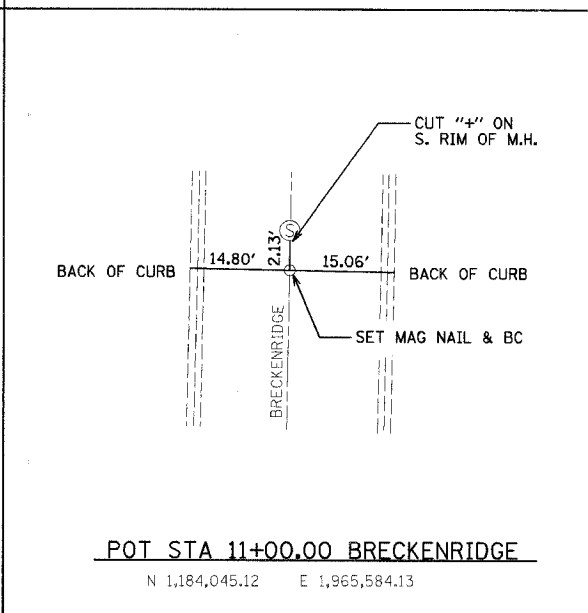
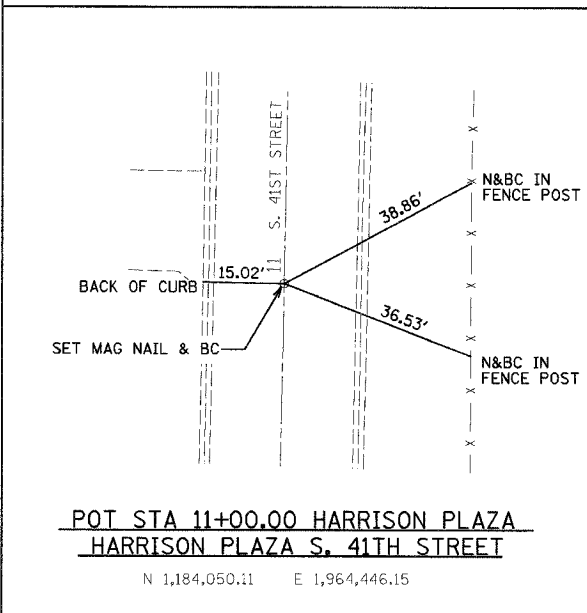
TIE NOT SET

PI STA 153+03.03 HARRISON
N 1,183,938.95 E 1,967,545.63

TIE NOT SET

POT STA 12+00.00 39TH STREET
N 1,184,154.61 E 1,963,729.86

TIE NOT SET



TIE NOT SET

PC STA 107+60.80 BK = STA 47+84.70 AH
38th STREET/OLD HARRISON
N 1,183,959.19 E 1,963,003.46

TIE NOT SET

PI STA 48+63.70
38th STREET/OLD HARRISON
N 1,183,958.70 E 1,963,082.46

TIE NOT SET

PT STA 49+30.13
38th STREET/OLD HARRISON
N 1,184,023.56 E 1,963,127.56

TIE NOT SET

POT STA 51+00.00
38th STREET/OLD HARRISON
N 1,184,163.03 E 1,963,224.53

TIE NOT SET

REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	

HORIZONTAL CONTROL POINTS
SHEET 2 OF 2
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

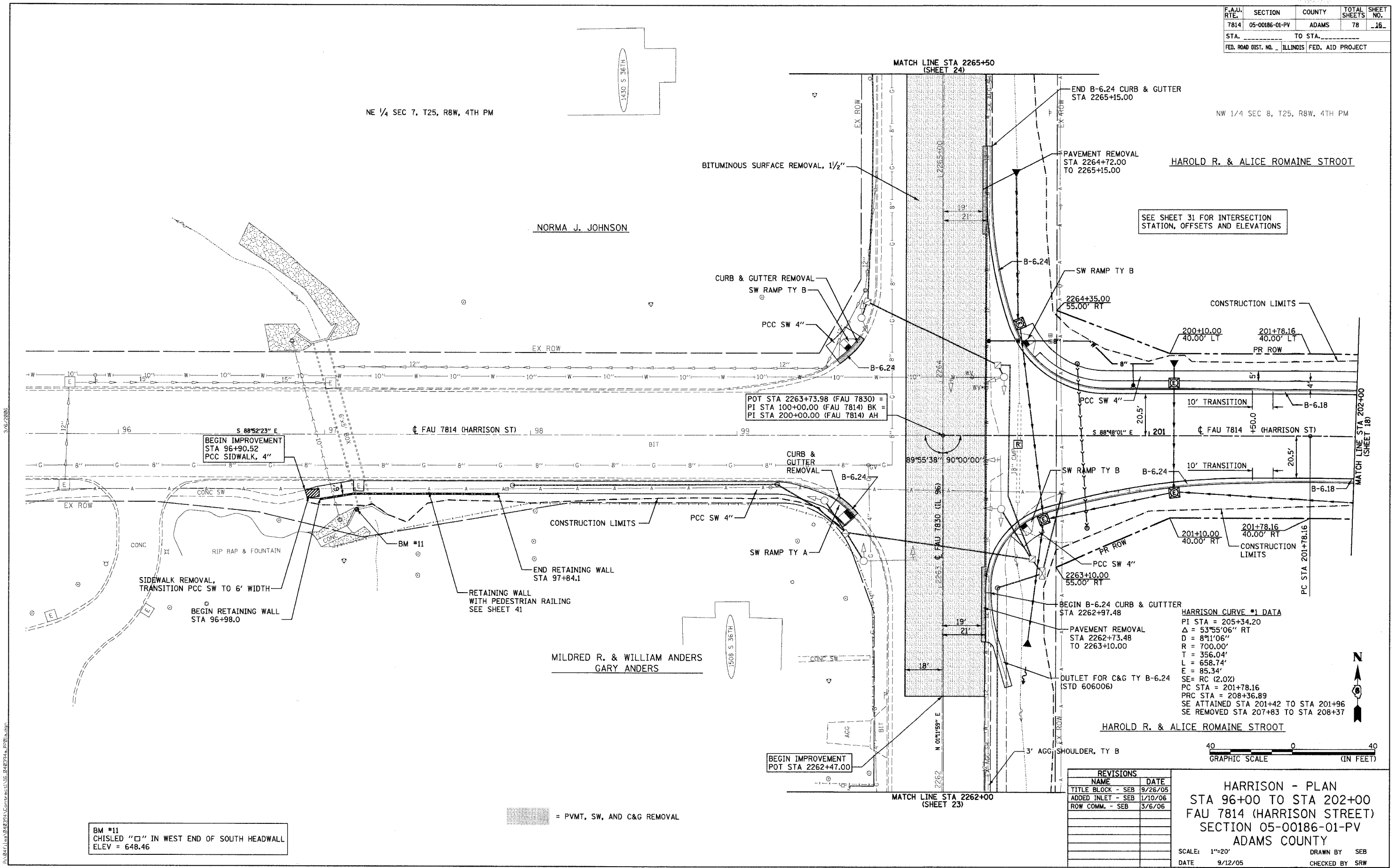
SCALE: NONE
DATE: 9/12/05

DRAWN BY: BDJ
CHECKED BY: SRW

3/6/2006

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	16
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	
ADDED INLET - SEB	1/10/06	
ROW COMM. - SEB	3/6/06	

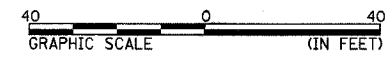
HARRISON - PLAN
 STA 96+00 TO STA 202+00
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: 1"=20'
 DATE: 9/12/05

DRAWN BY: SEB
 CHECKED BY: SRW

BM #11
 CHISLED "□" IN WEST END OF SOUTH HEADWALL
 ELEV = 648.46

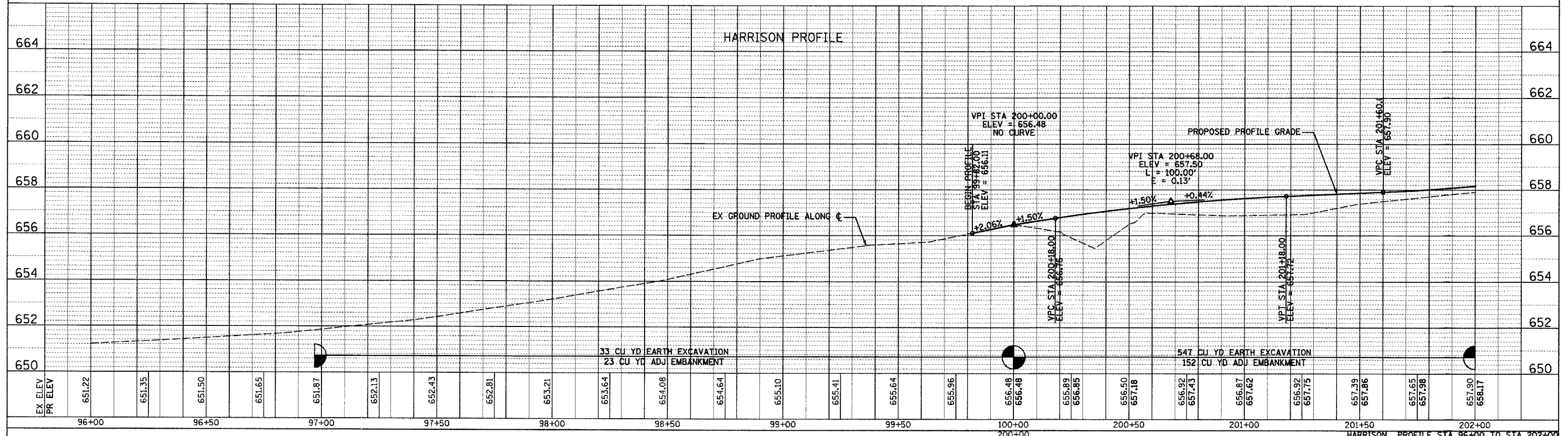
[Hatched Pattern] = PVMT, SW, AND C&G REMOVAL



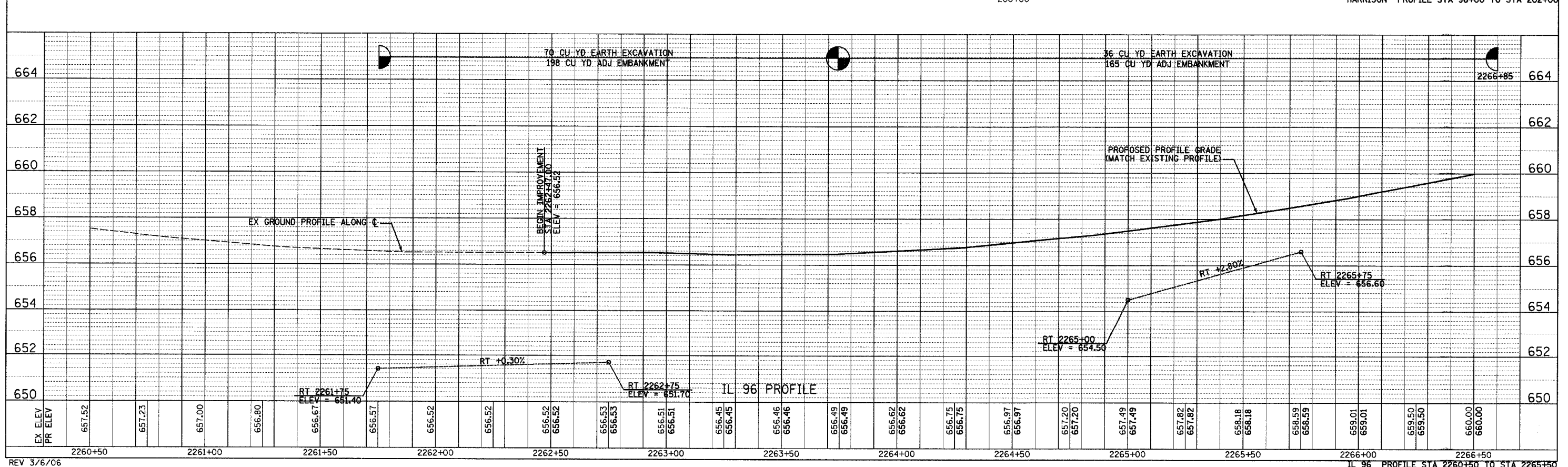
3/6/2006
 P:\Bentley\Projects\0423413\0423413-01\Drawings\03413.dwg

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	FILE NAME		



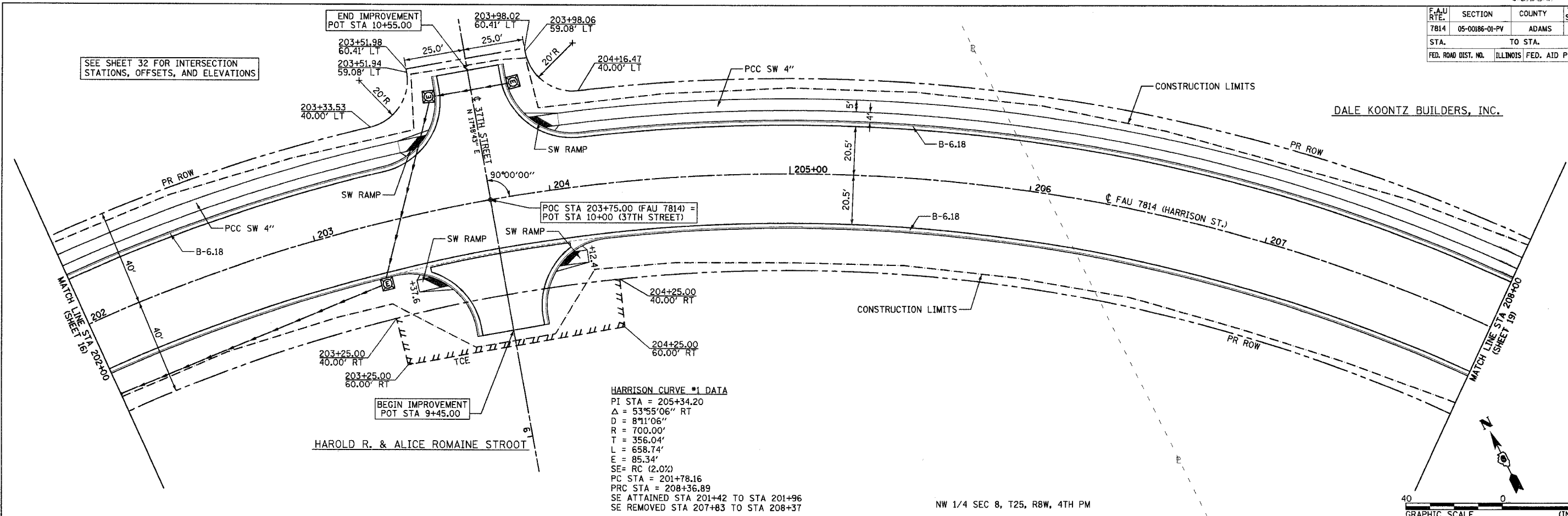
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STATIONING		
	NOTATION		
	CHECKED		



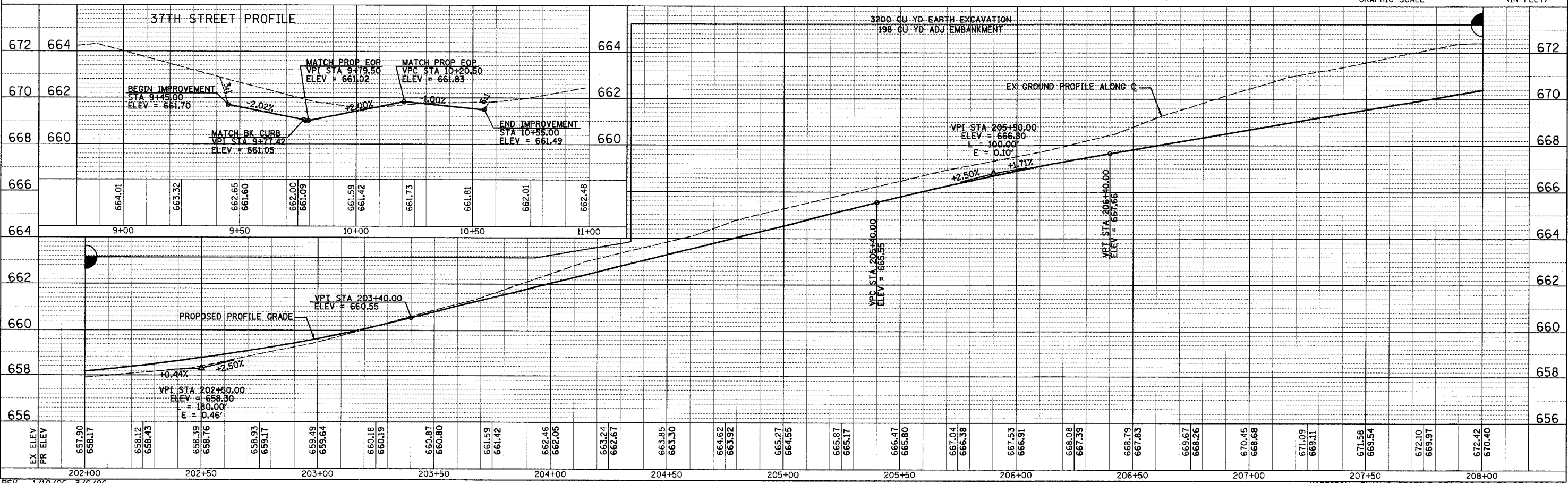
03419

F-A-U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
 SURVEYED BY: _____ DATE: _____
 ALIGNED CHECKED BY: _____
 NOTE BOOK NO. _____
 DRAWING FILE NAME: _____



PROFILE
 SURVEYED BY: _____ DATE: _____
 GRADES CHECKED BY: _____
 NOTE BOOK NO. _____
 DRAWING FILE NAME: _____



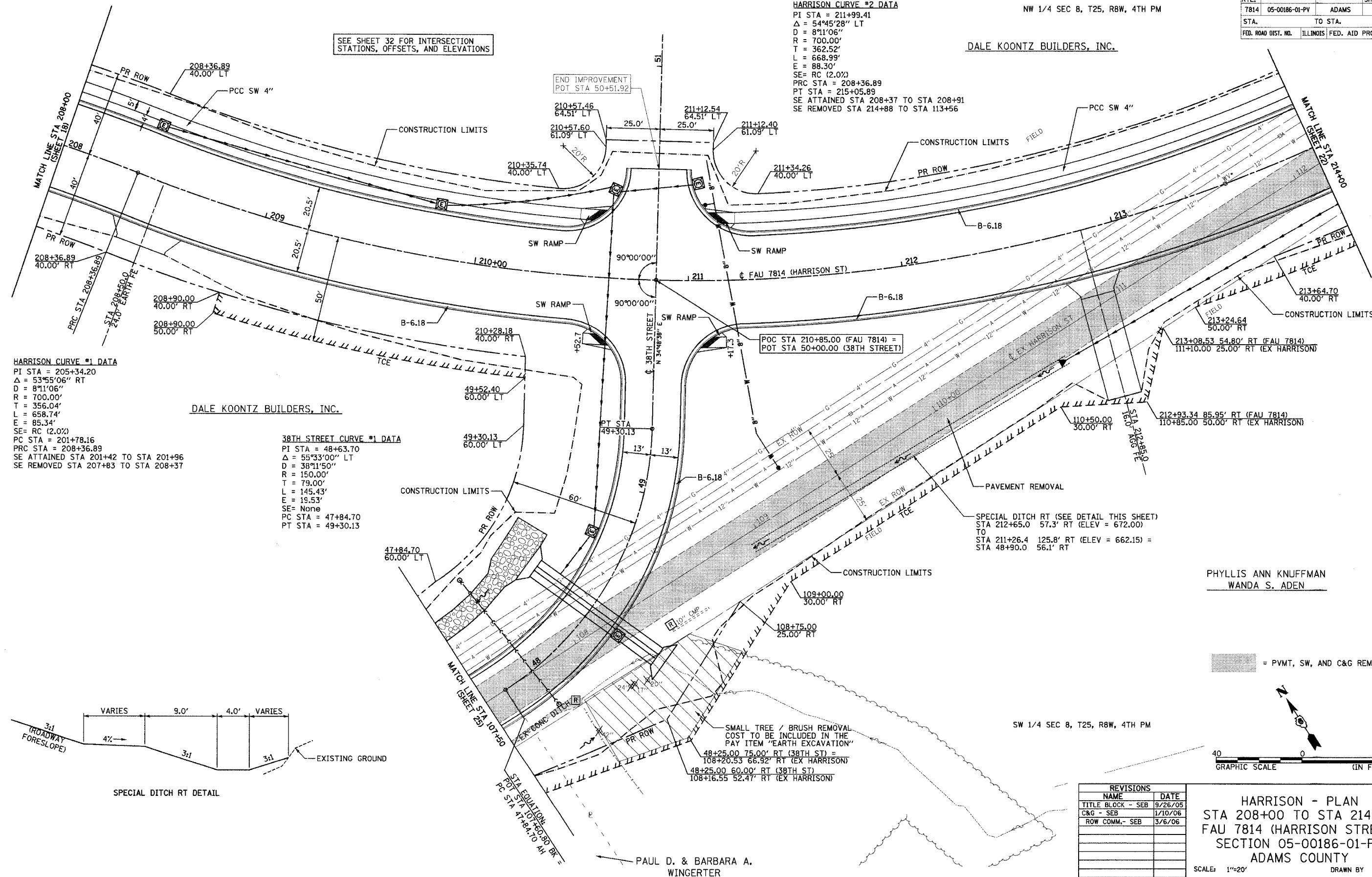
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NW 1/4 SEC 8, T25, R8W, 4TH PM

DALE KOONTZ BUILDERS, INC.

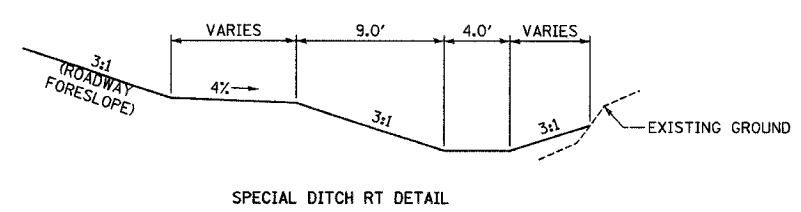
HARRISON CURVE #2 DATA
 PI STA = 211+99.41
 $\Delta = 54^{\circ}45'28''$ LT
 $D = 8^{\circ}11'06''$
 $R = 700.00'$
 $T = 362.52'$
 $L = 668.99'$
 $E = 88.30'$
 $SE = RC (2.0\%)$
 PRC STA = 208+36.89
 PT STA = 215+05.89
 SE ATTAINED STA 208+37 TO STA 208+91
 SE REMOVED STA 214+88 TO STA 113+56

SEE SHEET 32 FOR INTERSECTION STATIONS, OFFSETS, AND ELEVATIONS



HARRISON CURVE #1 DATA
 PI STA = 205+34.20
 $\Delta = 53^{\circ}55'06''$ RT
 $D = 8^{\circ}11'06''$
 $R = 700.00'$
 $T = 356.04'$
 $L = 658.74'$
 $E = 85.34'$
 $SE = RC (2.0\%)$
 PC STA = 201+78.16
 PRC STA = 208+36.89
 SE ATTAINED STA 201+42 TO STA 201+96
 SE REMOVED STA 207+83 TO STA 208+37

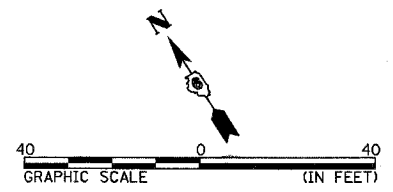
38TH STREET CURVE #1 DATA
 PI STA = 48+63.70
 $\Delta = 55^{\circ}33'00''$ LT
 $D = 38^{\circ}11'50''$
 $R = 150.00'$
 $T = 79.00'$
 $L = 145.43'$
 $E = 19.53'$
 $SE = None$
 PC STA = 47+84.70
 PT STA = 49+30.13



SPECIAL DITCH RT (SEE DETAIL THIS SHEET)
 STA 212+65.0 57.3' RT (ELEV = 672.00)
 TO
 STA 211+26.4 125.8' RT (ELEV = 662.15) =
 STA 48+90.0 56.1' RT

PHYLLIS ANN KNUFFMAN
 WANDA S. ADEN

= PVMT, SW, AND C&G REMOVAL



REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	
C&G - SEB	1/10/06	
ROW COMM. - SEB	3/6/06	

HARRISON - PLAN
 STA 208+00 TO STA 214+00
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: 1"=20'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW

PAUL D. & BARBARA A. WINGERTER

3/12/2005

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1814	05-00186-01-PV	ADAMS	78	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN

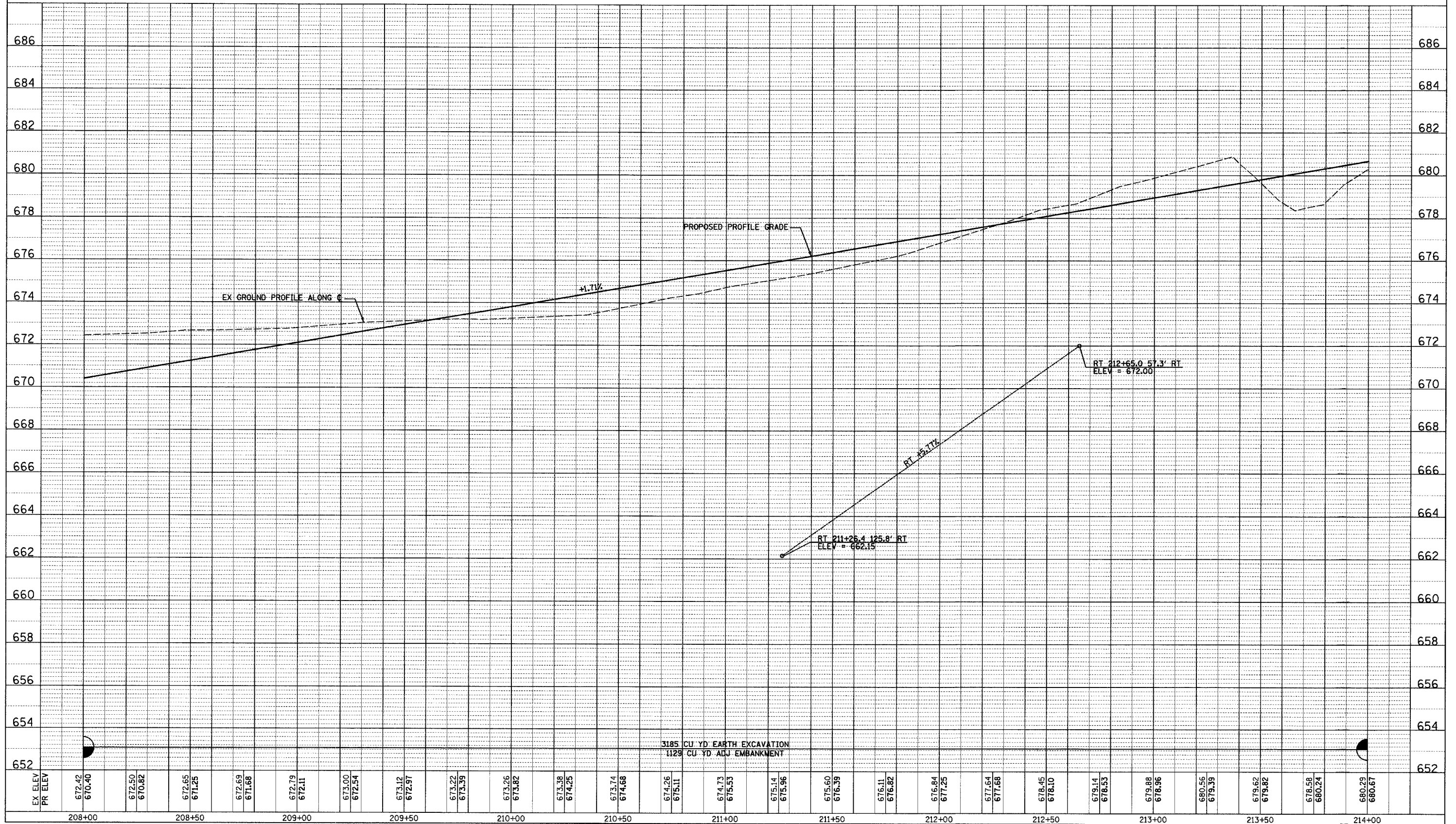
REVISIONS	DATE
ALIGNED	
CHECKED	
CARD FILE NAME	

NOTE BOOK NO.

PROFILE

REVISIONS	DATE
GRADES PLOTTED	
STRUCTURE NOTATIONS CHECKED	

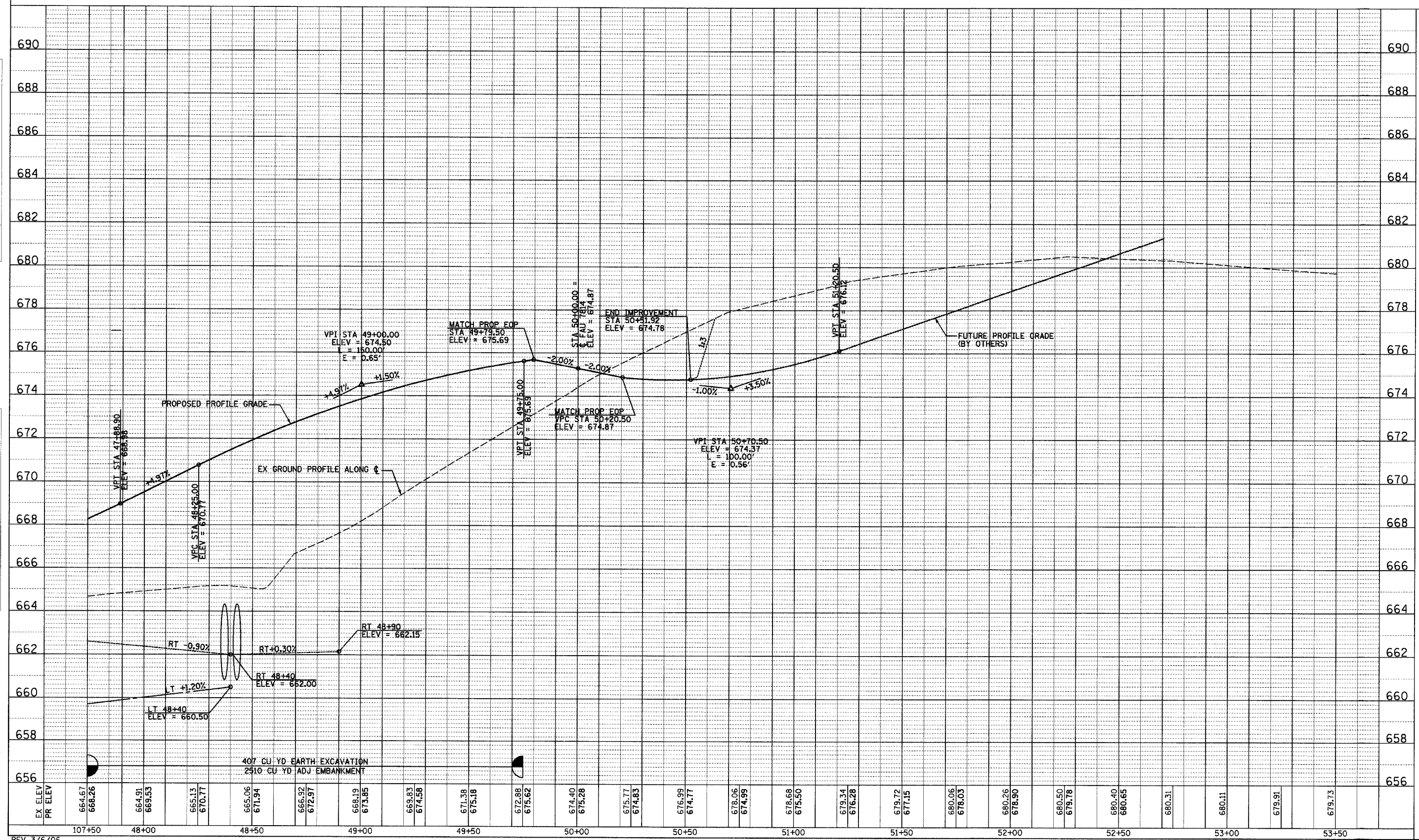
NOTE BOOK NO.



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	21
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN SURVEYED BY DATE
 ALIGNED CHECKED
 RT. OF WAY CHECKED
 NOTE BOOK NO. DATE FILE NAME

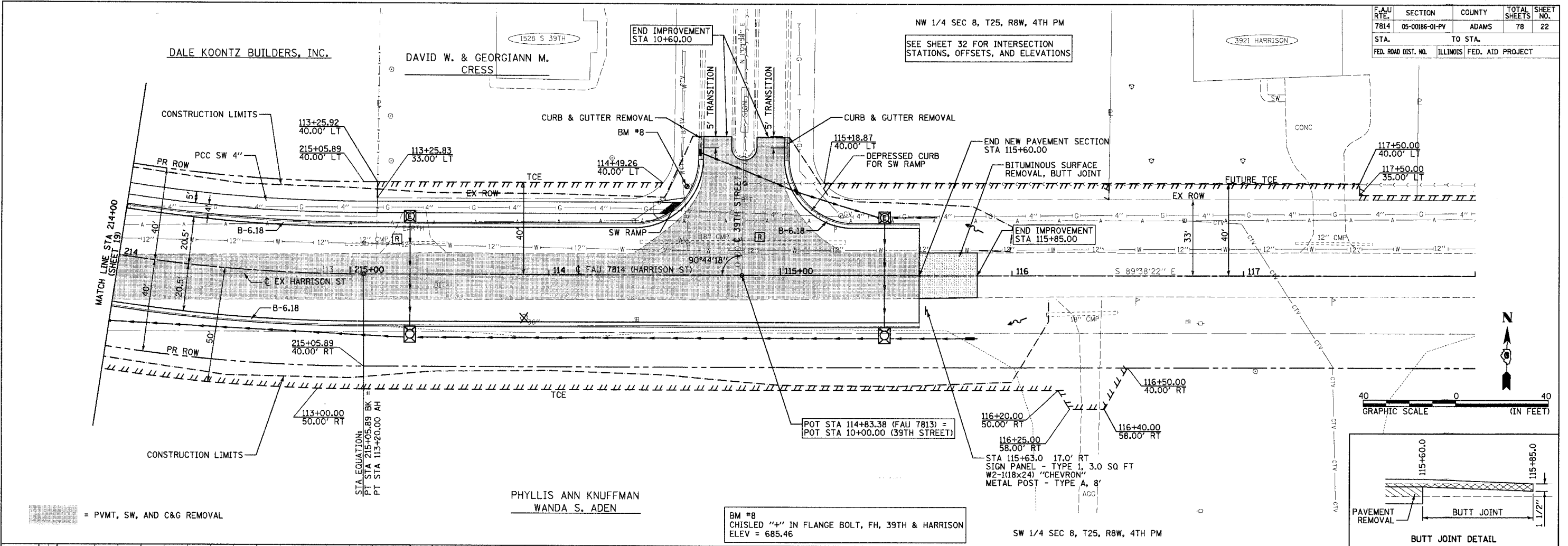
PROFILE SURVEYED BY DATE
 GRADES CHECKED
 RT. OF WAY CHECKED
 NOTE BOOK NO. DATE FILE NAME



REV 3/6/06

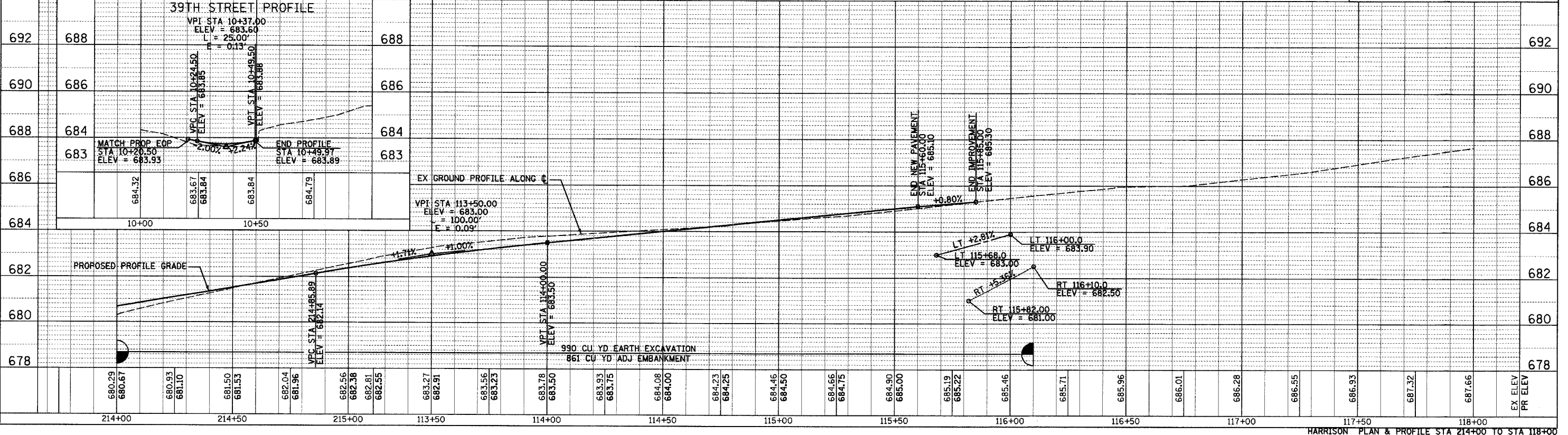
OLD HARRISON PROFILE STA 107+50 TO STA 53+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PLAN	SURVEYED	DATE
	GRADES CHECKED	
	BY	
	NOTE BOOK NO.	
	DATE	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	BY	
	NOTE BOOK NO.	
	DATE	

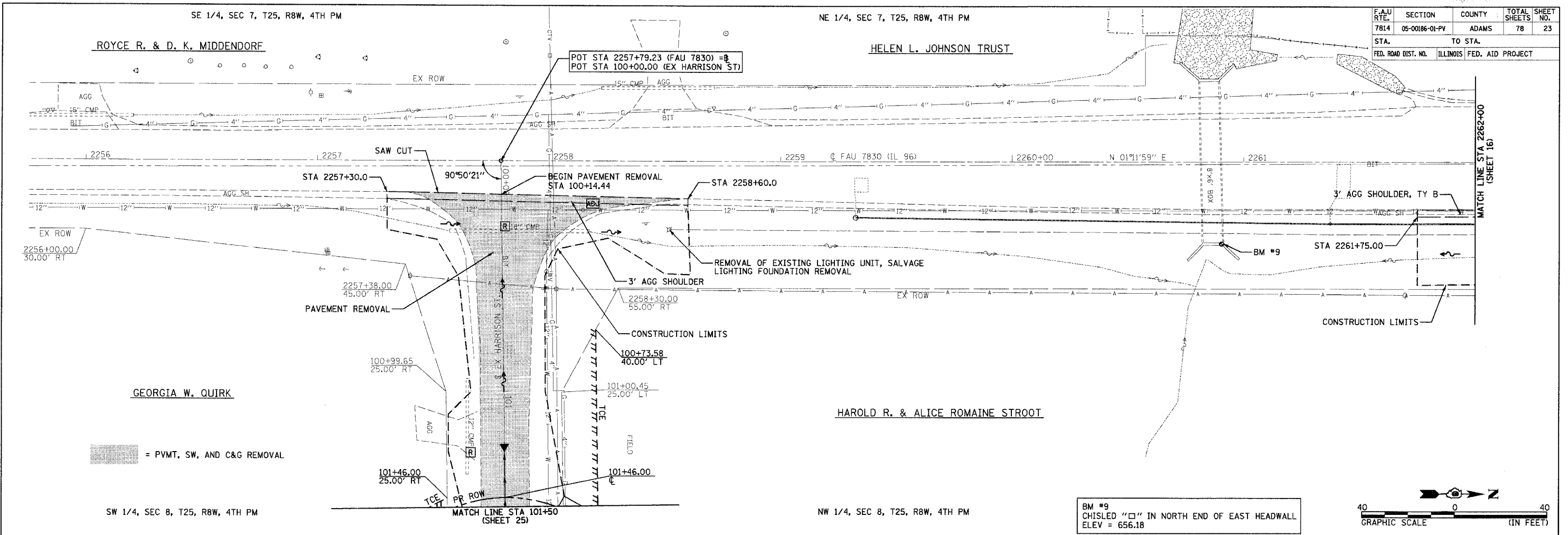


HARRISON PLAN & PROFILE STA 214+00 TO STA 118+00

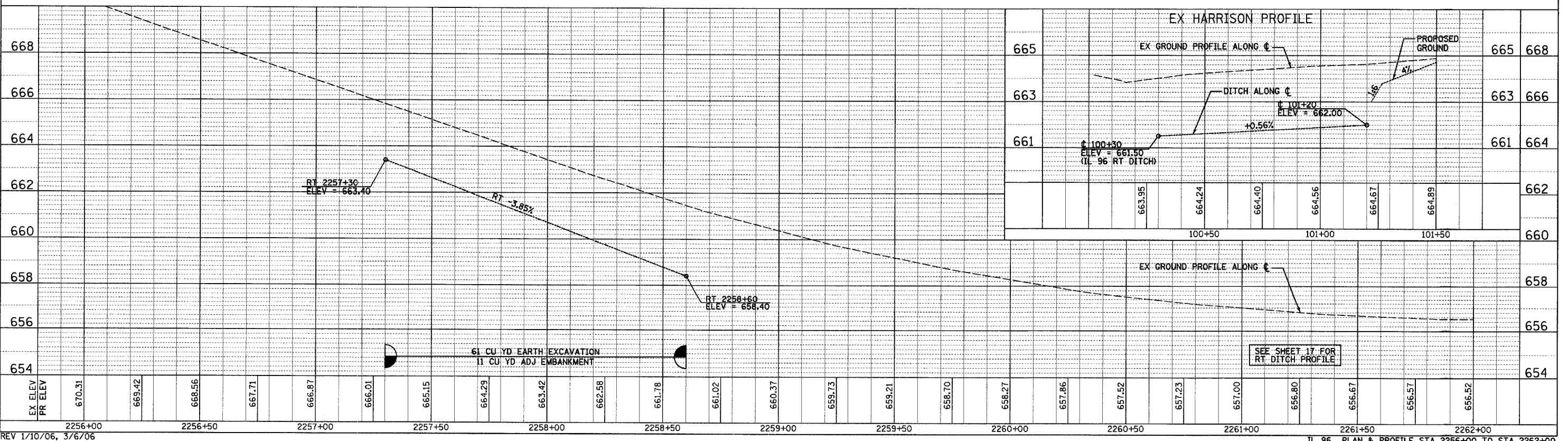
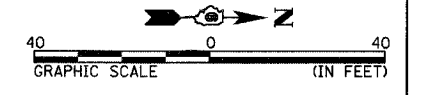
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
SURVEYED		
ALIGNED		
RT. OF WAY CHECKED		
NOTE BOOK NO.		
DATE		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NOTE BOOK NO.		
DATE		



BM #9
CHISLED "□" IN NORTH END OF EAST HEADWALL
ELEV = 656.18



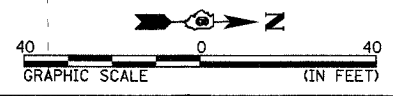
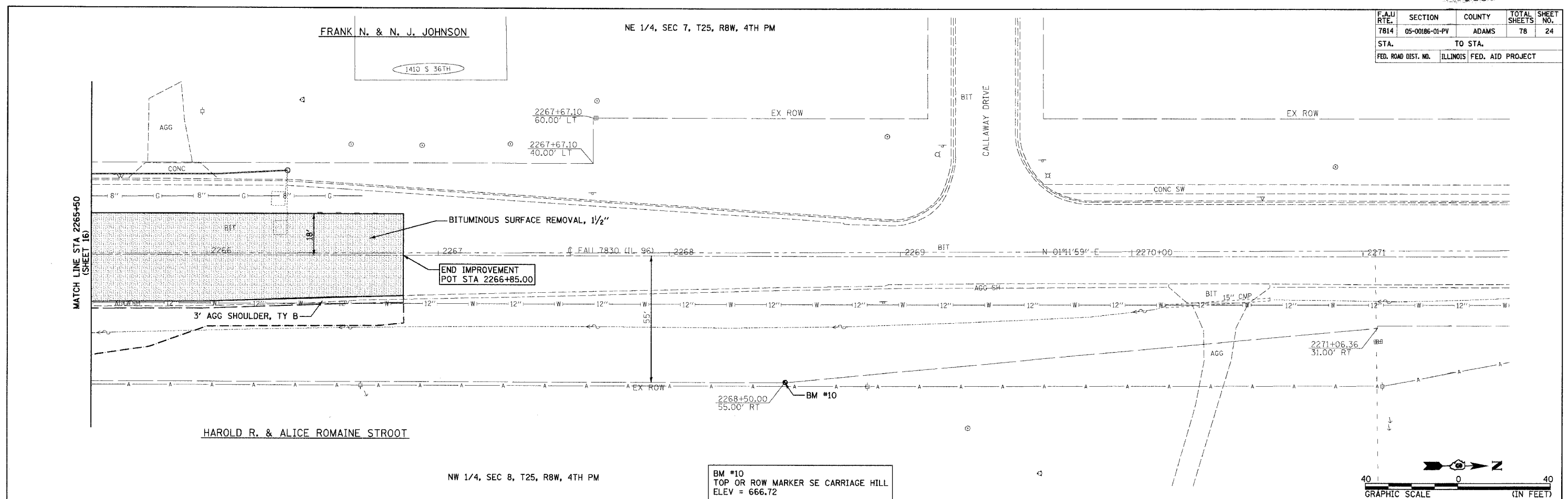
REV 1/10/06, 3/6/06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

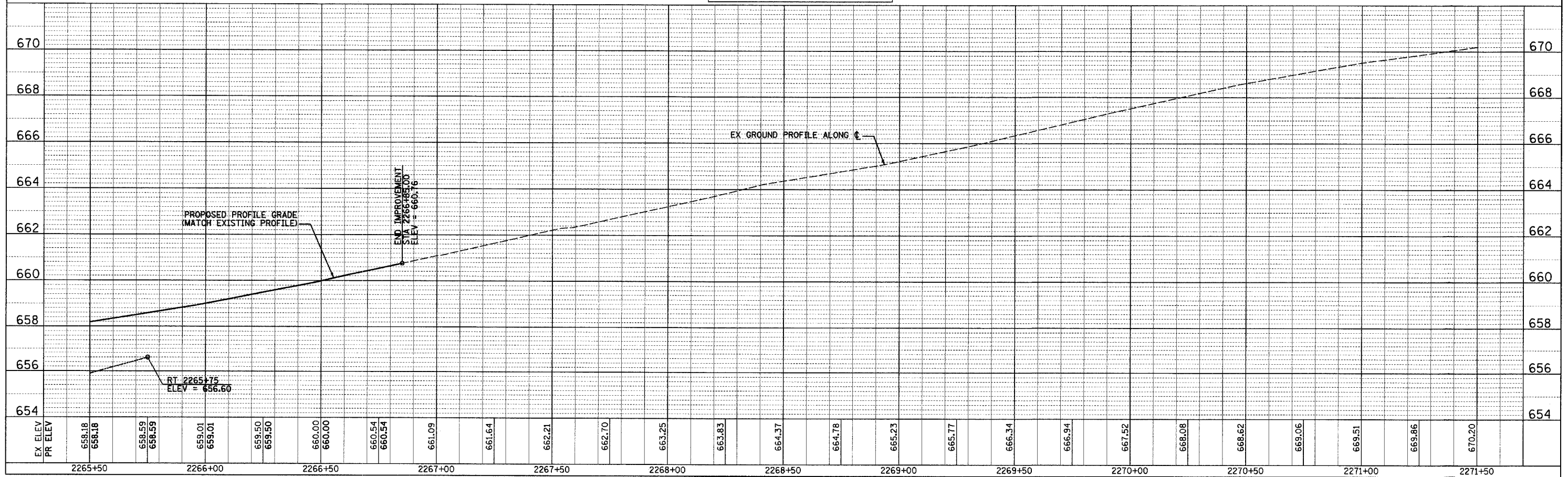
FRANK N. & N. J. JOHNSON
NE 1/4, SEC 7, T25, R8W, 4TH PM

1410 S 36TH

PLAN	REVISIONS	DATE
NO.	BY	
	CHECKED	
	DATE	



PROFILE	REVISIONS	DATE
NO.	BY	
	CHECKED	
	DATE	



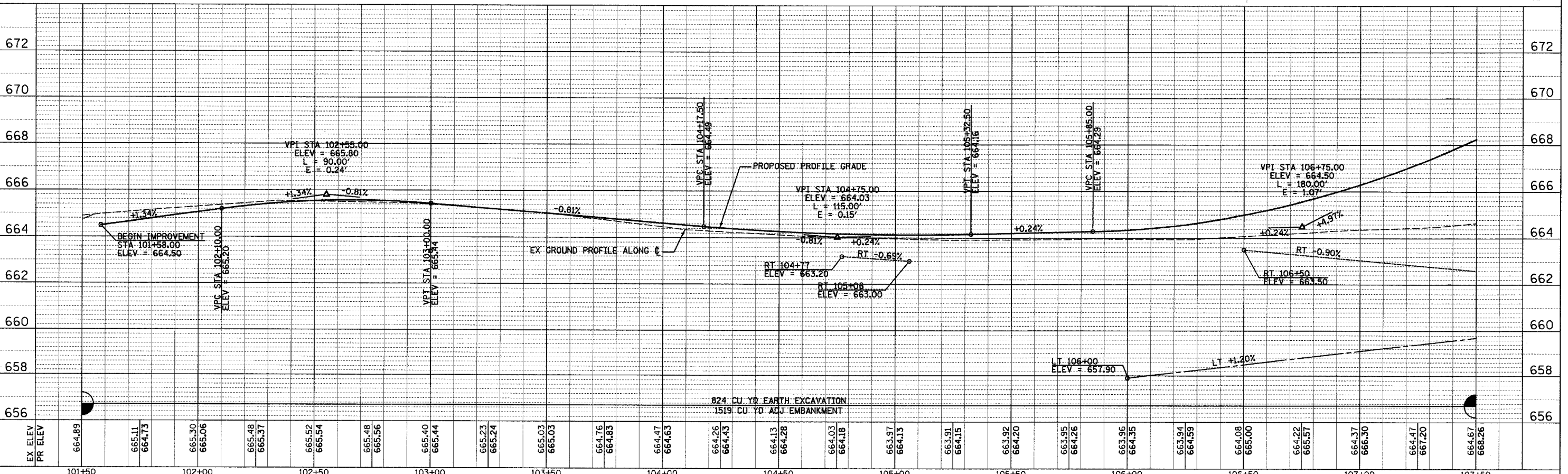
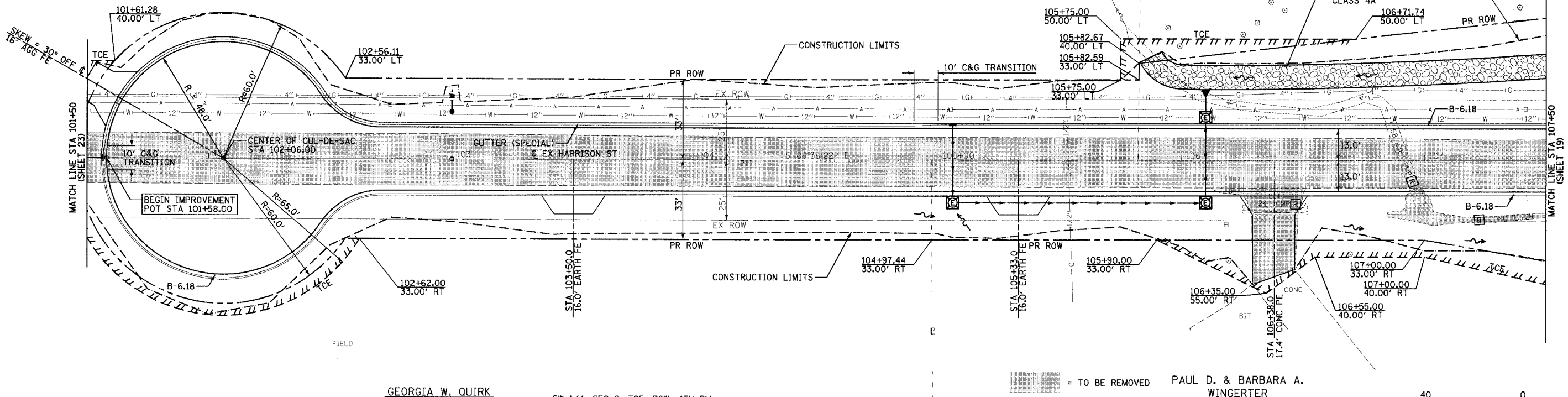
NW 1/4, SEC 8, T25, R8W, 4TH PM

HAROLD R. & ALICE ROMAINE STROOT

SW 1/4, SEC 8, T25, R8W, 4TH PM

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE SHEET 33 FOR CUL-DE-SAC DETAILS



EX ELEV	664.89	665.11	665.30	665.48	665.52	665.48	665.40	665.23	665.03	664.76	664.47	664.26	664.13	664.03	663.91	663.92	663.95	663.96	664.08	664.22	664.37	664.47	664.67	
PR ELEV	664.73	665.06	665.37	665.54	665.56	665.44	665.24	665.03	664.83	664.63	664.43	664.28	664.18	664.13	664.15	664.20	664.26	664.35	664.50	664.57	664.70	664.86	668.26	
STATION	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00	106+50	107+00	107+50											

REV - 1/10/06, 3/6/06

EX HARRISON PLAN & PROFILE STA 101+50 TO STA 107+50

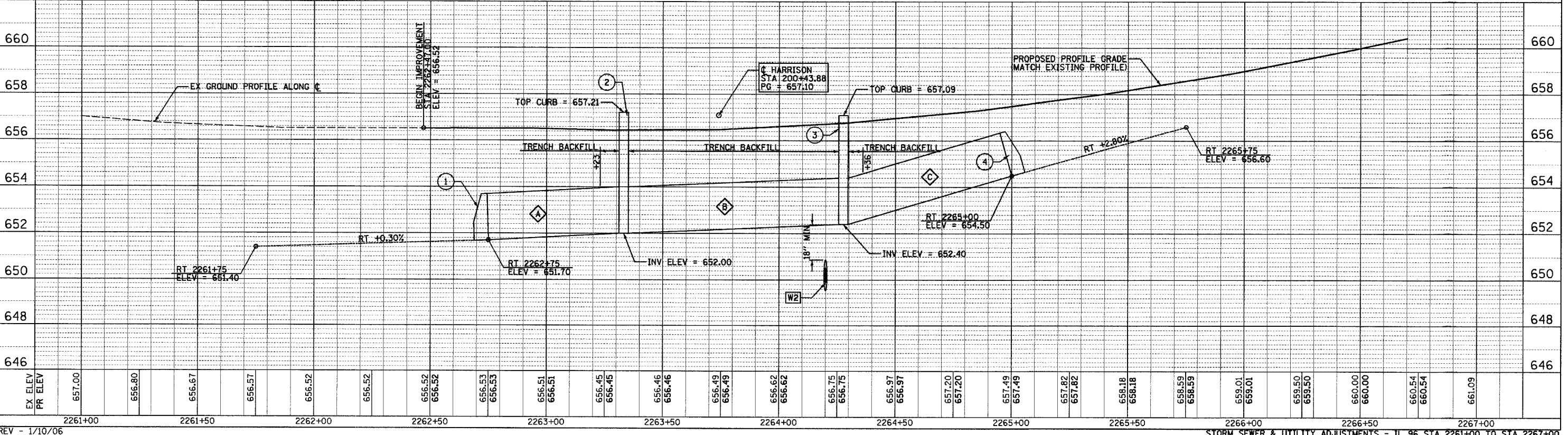
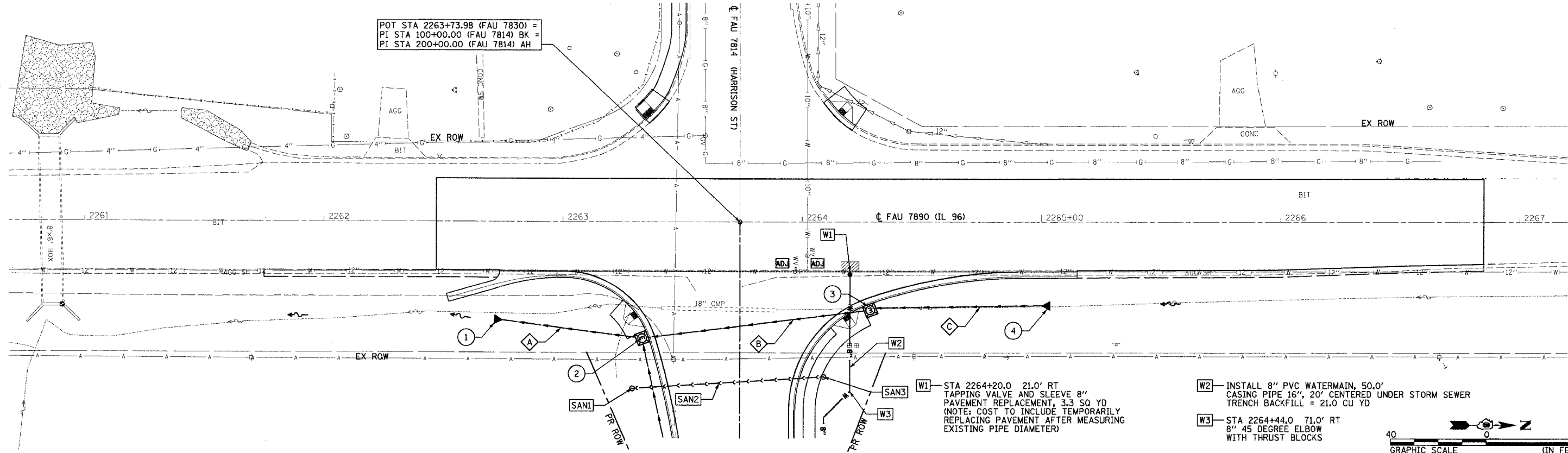
PLAN	REVISIONS	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	PAVED FILE NAME	

PROFILE	REVISIONS	DATE
GRADES CHECKED	PLOTTED	
STRUCTURE	NOT A TIME CHANG	



- ① STA 2262+75.0 41.6' RT
PRECAST REINF CONC FLARED END
SECTIONS 24" (STD 542301)
ELEV = 651.70
- ② STA 2263+33.2 49.0' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 657.21
INV ELEV = 652.00
- ③ STA 2264+27.6 34.7' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 657.09
INV ELEV = 652.40
- ④ STA 2265+00.0 38.2' RT
PRECAST REINF CONC FLARED END
SECTIONS 24" (STD 542301)
ELEV = 654.50
- [SAN1] STA 200+70.0 45.0' RT
MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID
TOP LID = 657.40
INV ELEV = 644.20
- [SAN2] SANITARY SEWER, TYPE 3 8", 80.0'
USFL = 645.00 DSFL = 644.20
SLOPE = 1.00%
TRENCH BACKFILL = 105.1 CU YD
- [SAN3] STA 200+65.0 35.0' LT
MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID
TOP LID = 657.60
INV ELEV = 645.00
- Ⓐ STORM SEWERS, CLASS A, TYPE 1 24", 56'
USFL = 652.00 DSFL = 651.70
SLOPE = 0.54%
TRENCH BACKFILL = 4.5 CU YD
- Ⓑ STORM SEWERS, CLASS A, TYPE 1 24", 92'
USFL = 652.40 DSFL = 652.00
SLOPE = 0.43%
TRENCH BACKFILL = 14.9 CU YD
- Ⓒ STORM SEWERS, CLASS A, TYPE 1 24", 70'
USFL = 654.50 DSFL = 652.40
SLOPE = 3.00%
TRENCH BACKFILL = 1.8 CU YD

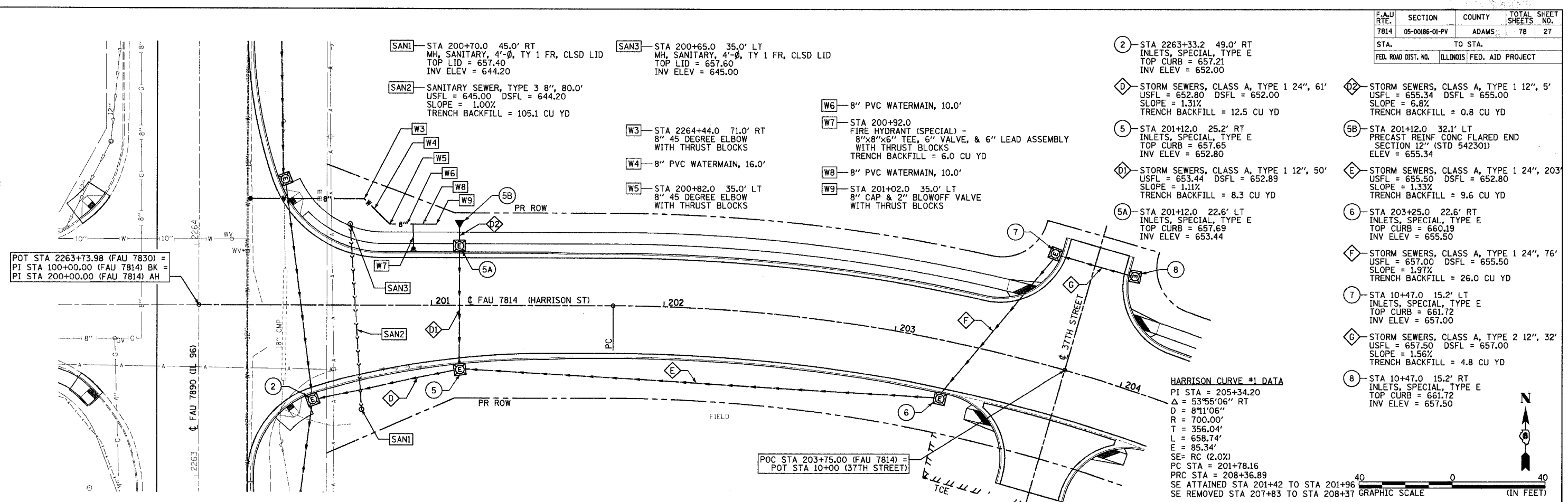
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	26
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



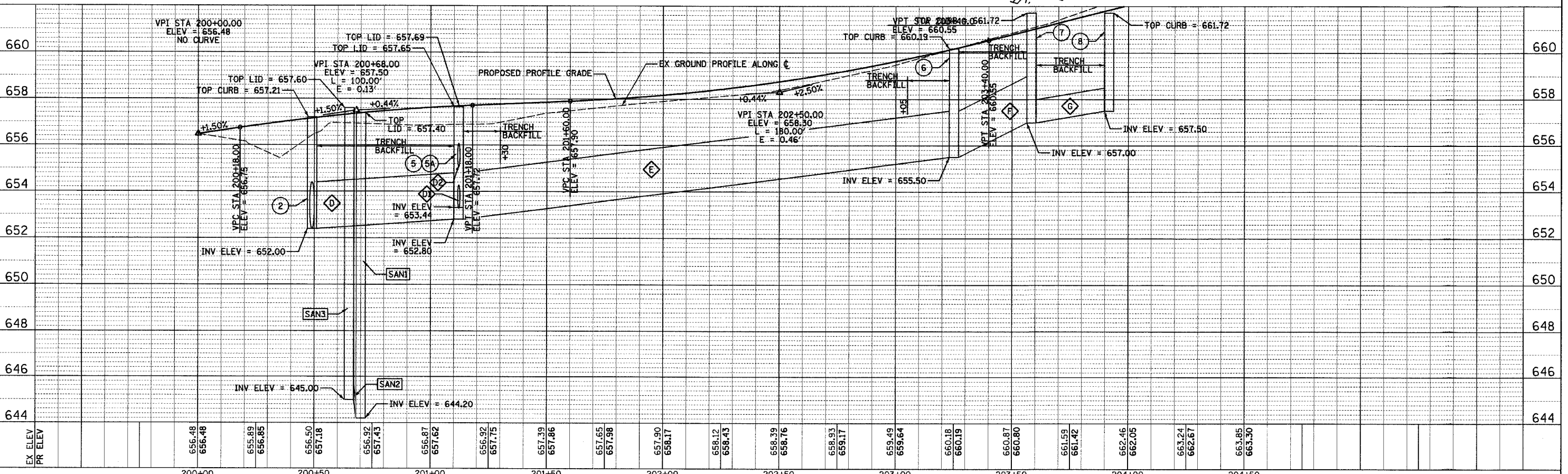
REV - 1/10/06

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	REVISIONS	DATE
BY:		
CHECKED:		
DATE:		



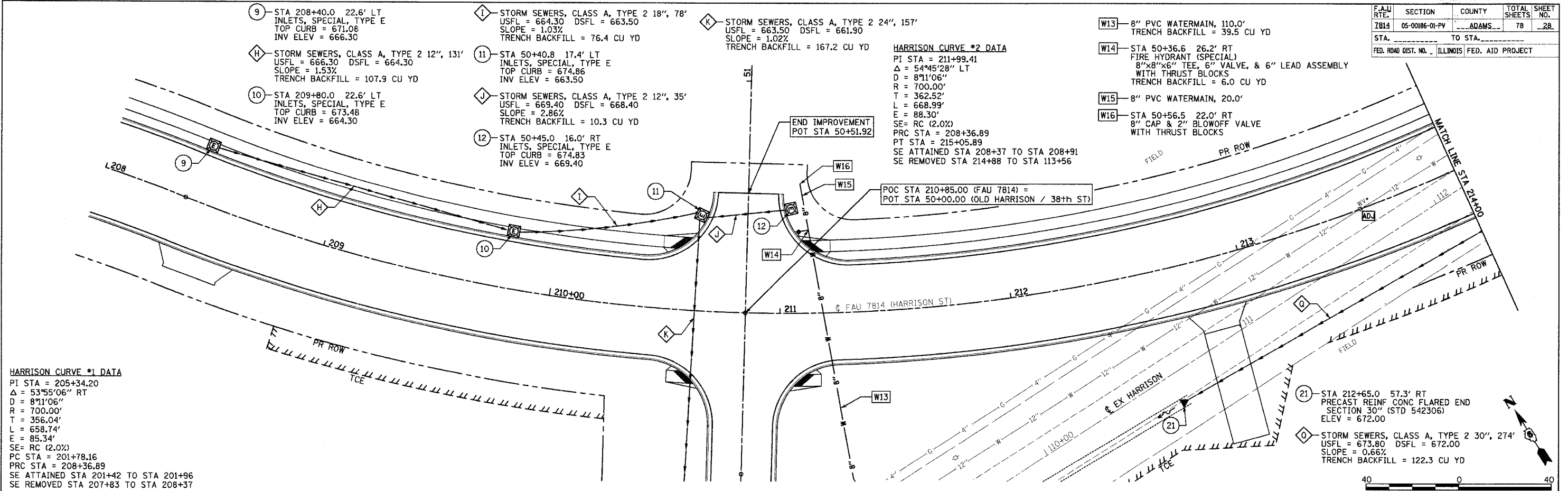
PROFILE	REVISIONS	DATE
BY:		
CHECKED:		
DATE:		



REV - 1/10/06, 3/6/06

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	28
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

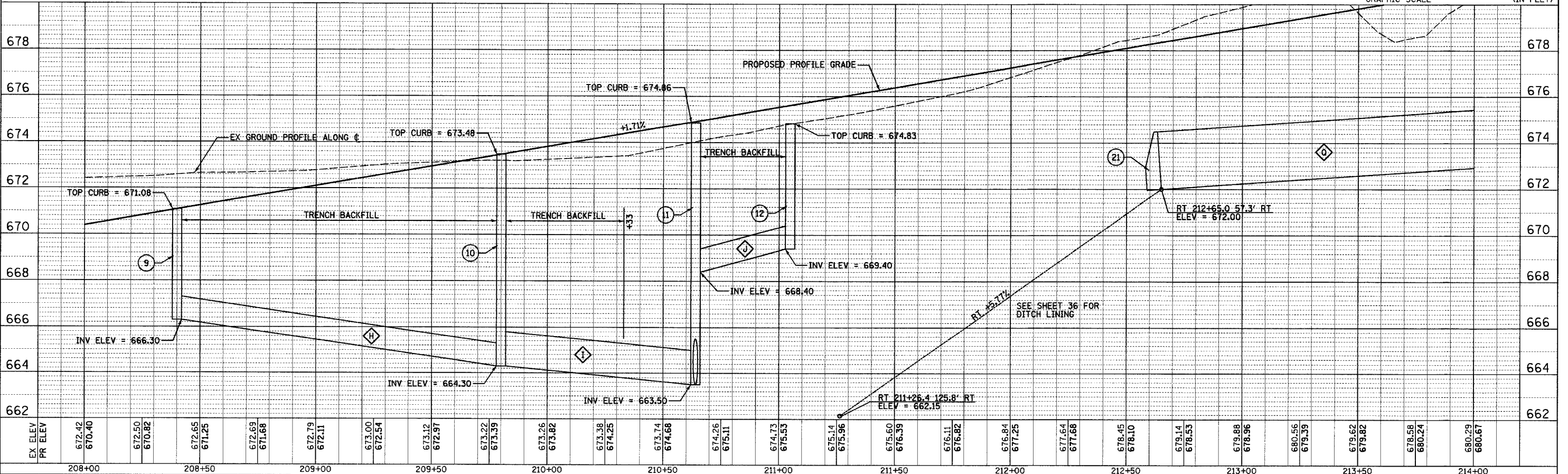
PLAN	SURVEYED	DATE
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	BY	
	NOTE BOOK NO.	



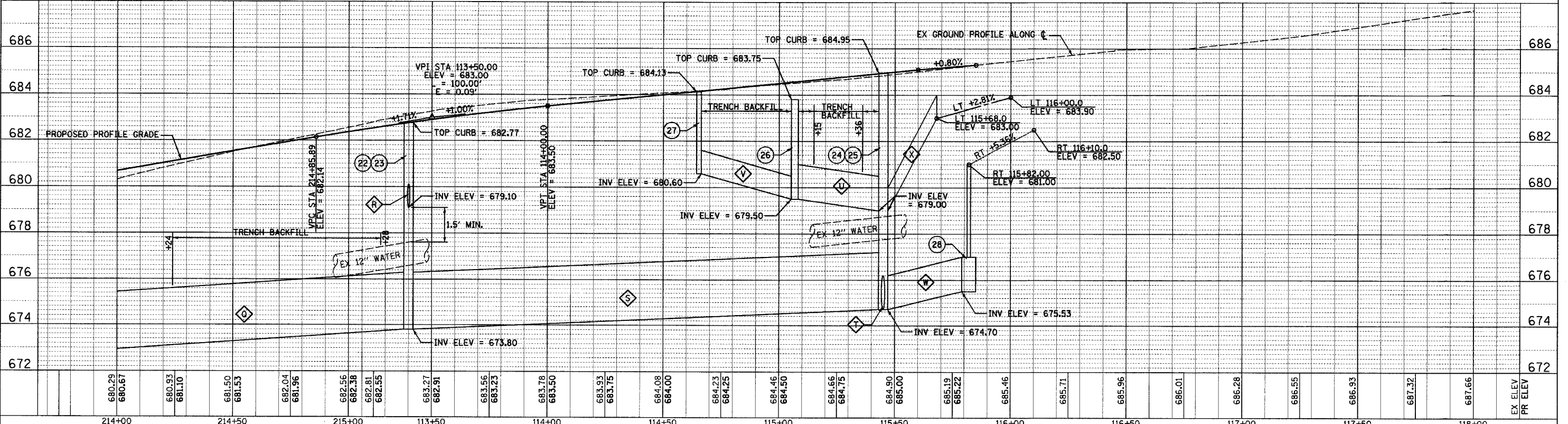
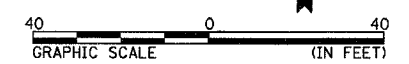
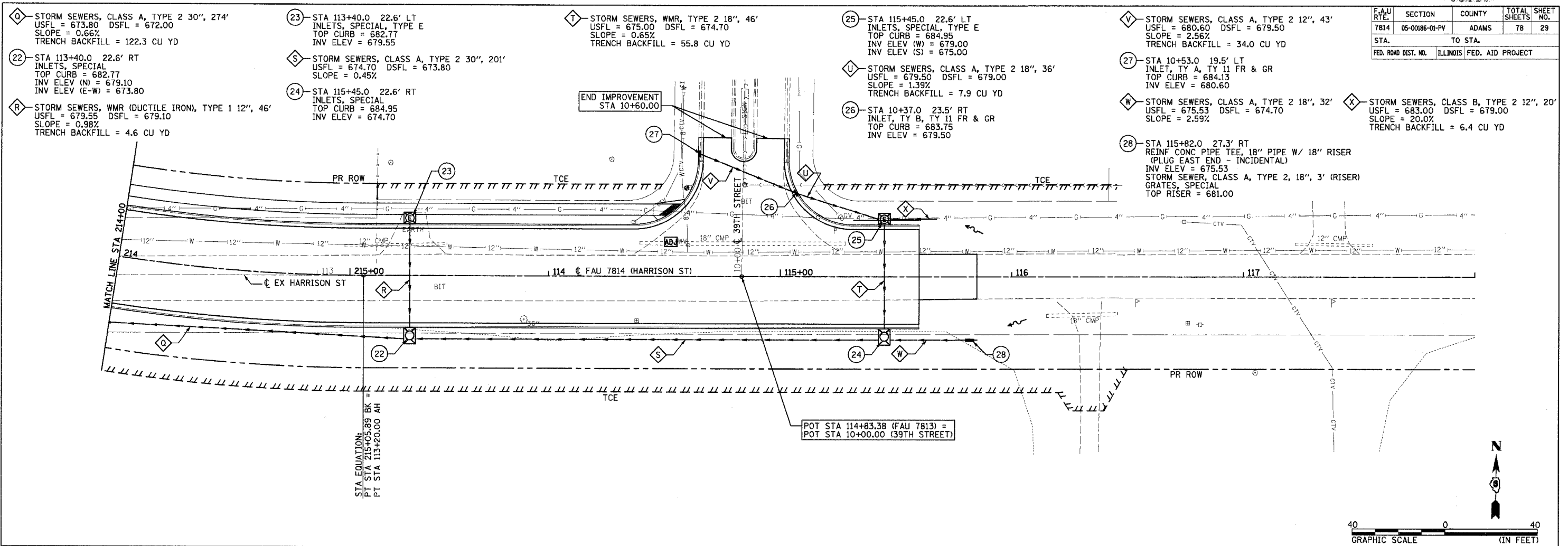
HARRISON CURVE #1 DATA
 PI STA = 205+34.20
 Δ = 53°55'06" RT
 D = 8°11'06"
 R = 700.00'
 T = 356.04'
 L = 658.74'
 E = 85.34'
 SE = RC (2.0%)
 PC STA = 201+78.16
 PRC STA = 208+36.89
 SE ATTAINED STA 201+42 TO STA 201+96
 SE REMOVED STA 207+83 TO STA 208+37

HARRISON CURVE #2 DATA
 PI STA = 211+99.41
 Δ = 54°45'28" LT
 D = 8°11'06"
 R = 700.00'
 T = 362.52'
 L = 668.99'
 E = 88.30'
 SE = RC (2.0%)
 PRC STA = 208+36.89
 PT STA = 215+05.89
 SE ATTAINED STA 208+37 TO STA 208+91
 SE REMOVED STA 214+88 TO STA 113+56

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	BY	
	NOTE BOOK NO.	



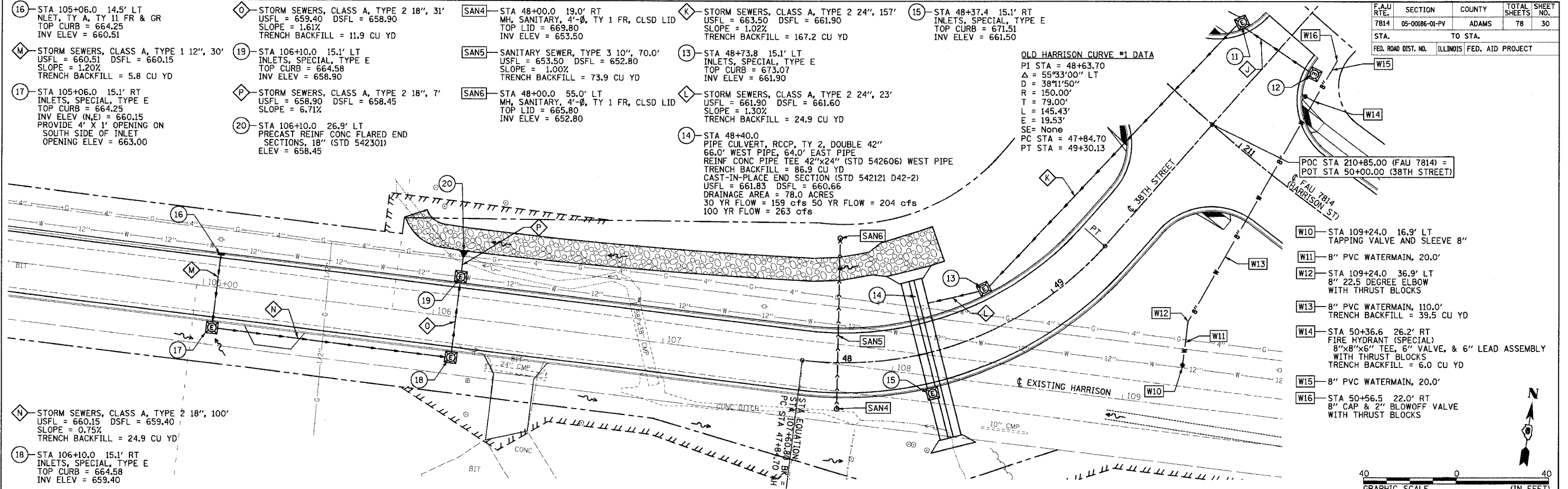
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	29
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



PLAN	DATE	BY
SURVEYED		
GRADES CHECKED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NOTE BOOK NO.		
FILE NO.		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NOTE BOOK NO.		
FILE NO.		

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- 16 - STA 105+06.0 14.5' LT INLET, TY A, TY 11 FR & GR TOP CURB = 664.25 INV ELEV = 660.51
- M - STORM SEWERS, CLASS A, TYPE 1 12", 30' USFL = 660.51 DSFL = 660.15 SLOPE = 1.20% TRENCH BACKFILL = 5.8 CU YD
- 17 - STA 105+06.0 15.1' RT INLETS, SPECIAL, TYPE E TOP CURB = 664.25 INV ELEV (N,E) = 660.15 PROVIDE 4' X 1' OPENING ON SOUTH SIDE OF INLET OPENING ELEV = 663.00
- N - STORM SEWERS, CLASS A, TYPE 2 18", 100' USFL = 660.15 DSFL = 659.40 SLOPE = 0.75% TRENCH BACKFILL = 24.9 CU YD
- 18 - STA 106+10.0 15.1' RT INLETS, SPECIAL, TYPE E TOP CURB = 664.58 INV ELEV = 659.40

- O - STORM SEWERS, CLASS A, TYPE 2 18", 31' USFL = 659.40 DSFL = 658.90 SLOPE = 1.61% TRENCH BACKFILL = 11.9 CU YD
- 19 - STA 106+10.0 15.1' LT INLETS, SPECIAL, TYPE E TOP CURB = 664.58 INV ELEV = 658.90
- P - STORM SEWERS, CLASS A, TYPE 2 18", 7' USFL = 658.90 DSFL = 658.45 SLOPE = 6.71%
- 20 - STA 106+10.0 26.9' LT PRECAST REINF CONC FLARED END SECTIONS, 18" (STD 542301) ELEV = 658.45

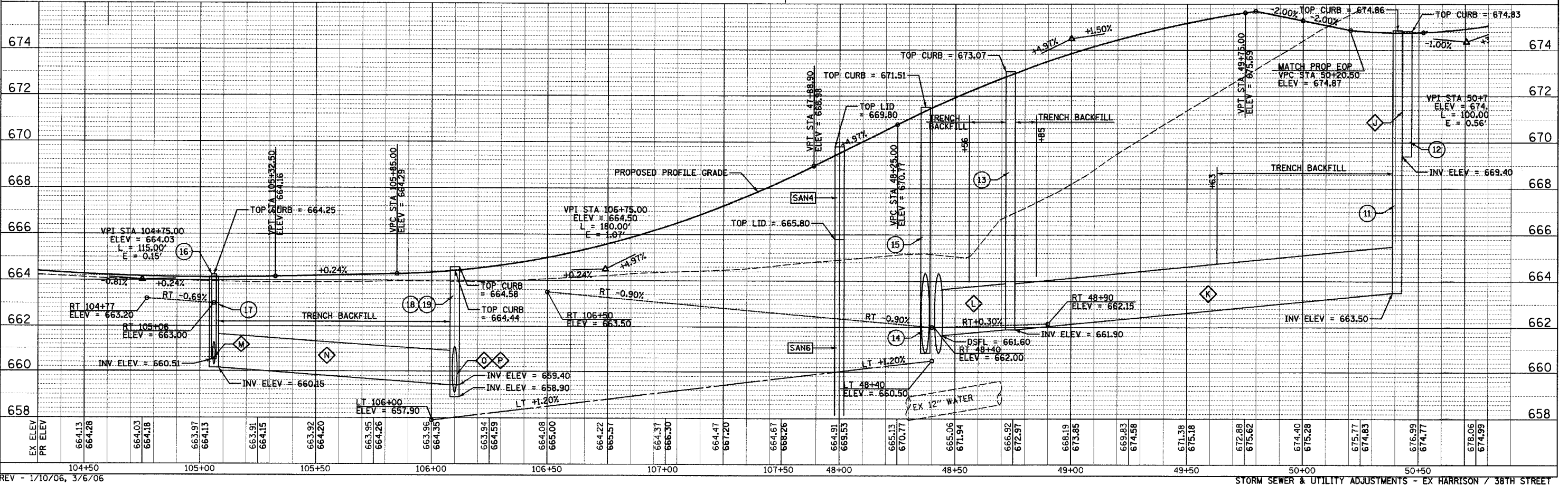
- SAN4 - STA 48+00.0 19.0' RT MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID TOP LID = 669.80 INV ELEV = 653.50
- SAN5 - SANITARY SEWER, TYPE 3 10", 70.0' USFL = 653.50 DSFL = 652.80 SLOPE = 1.00% TRENCH BACKFILL = 73.9 CU YD
- SAN6 - STA 48+00.0 55.0' LT MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID TOP LID = 665.80 INV ELEV = 652.80

- K - STORM SEWERS, CLASS A, TYPE 2 24", 157' USFL = 663.50 DSFL = 661.90 SLOPE = 1.02% TRENCH BACKFILL = 167.2 CU YD
- 13 - STA 48+73.8 15.1' LT INLETS, SPECIAL, TYPE E TOP CURB = 673.07 INV ELEV = 661.90
- L - STORM SEWERS, CLASS A, TYPE 2 24", 23' USFL = 661.90 DSFL = 661.60 SLOPE = 1.30% TRENCH BACKFILL = 24.9 CU YD
- 14 - STA 48+40.0 PIPE CULVERT, RCCP, TY 2, DOUBLE 42" 66.0' WEST PIPE, 64.0' EAST PIPE REINF CONC PIPE TEE 42"x24" (STD 542606) WEST PIPE TRENCH BACKFILL = 86.9 CU YD CAST-IN-PLACE END SECTION (STD 542121 D42-2) USFL = 661.83 DSFL = 660.66 DRAINAGE AREA = 78.0 ACRES 30 YR FLOW = 159 cfs 50 YR FLOW = 204 cfs 100 YR FLOW = 263 cfs

- 15 - STA 48+37.4 15.1' RT INLETS, SPECIAL, TYPE E TOP CURB = 671.51 INV ELEV = 661.50

OLD HARRISON CURVE #1 DATA
 PI STA = 48+63.70
 Δ = 55°33'00" LT
 D = 38°11'50"
 R = 150.00'
 T = 79.00'
 L = 145.43'
 E = 19.53'
 SE = None
 PC STA = 47+84.70
 PT STA = 49+30.13

- W10 - STA 109+24.0 16.9' LT TAPPING VALVE AND SLEEVE 8"
- W11 - 8" PVC WATERMAIN, 20.0'
- W12 - STA 109+24.0 36.9' LT 8" 22.5 DEGREE ELBOW WITH THRUST BLOCKS
- W13 - 8" PVC WATERMAIN, 110.0' TRENCH BACKFILL = 39.5 CU YD
- W14 - STA 50+36.6 26.2' RT FIRE HYDRANT (SPECIAL) 8"x8"x6" TEE, 6" VALVE, & 6" LEAD ASSEMBLY WITH THRUST BLOCKS TRENCH BACKFILL = 6.0 CU YD
- W15 - 8" PVC WATERMAIN, 20.0'
- W16 - STA 50+56.5 22.0' RT 8" CAP & 2" BLOWOFF VALVE WITH THRUST BLOCKS



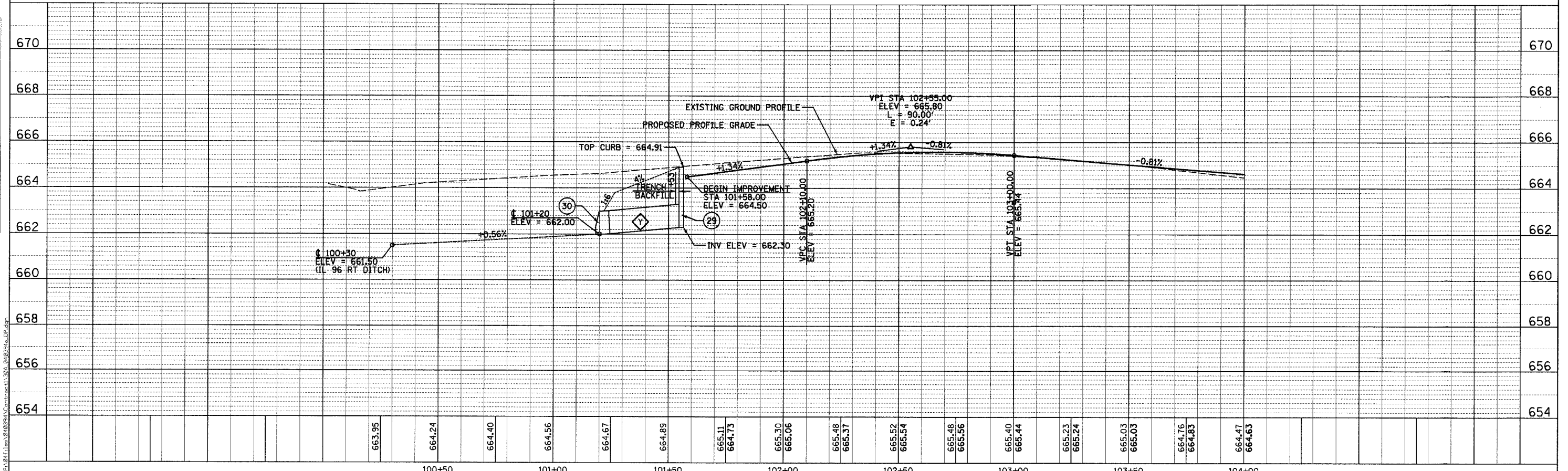
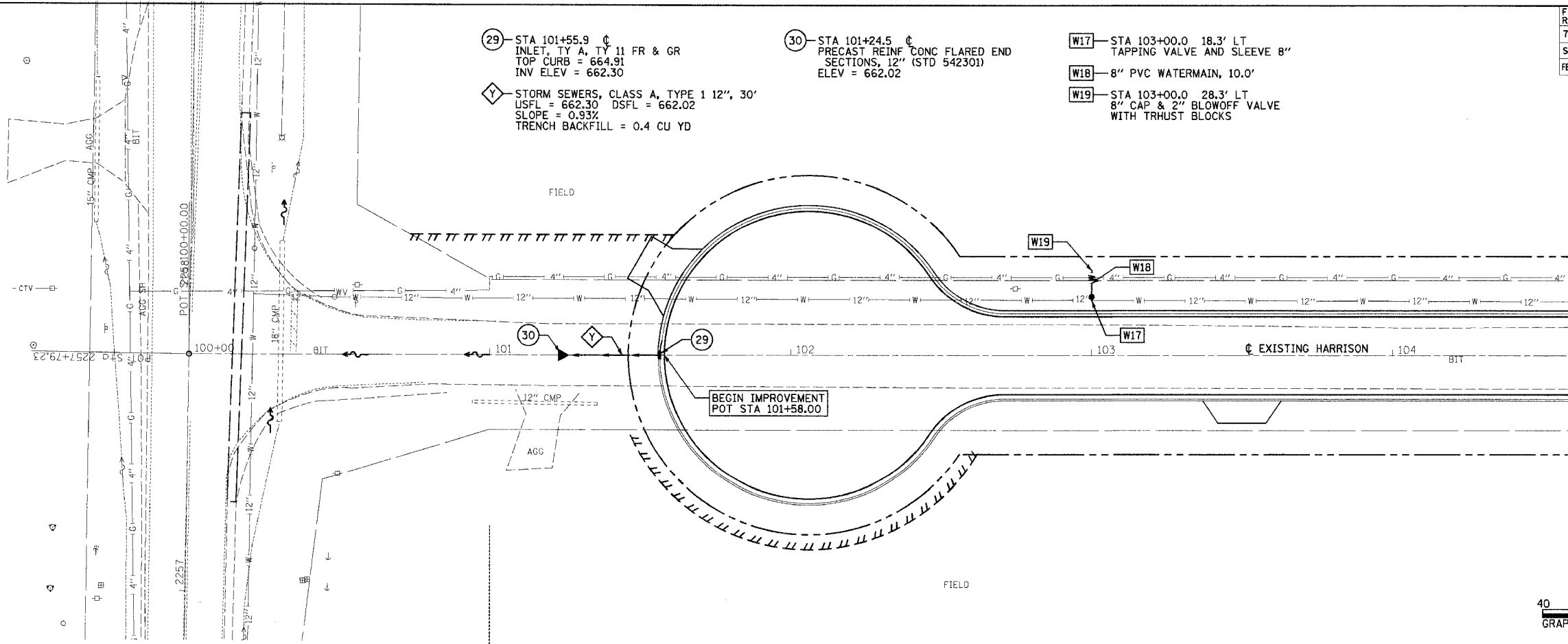
EX ELEV	PR ELEV	104+50	105+00	105+50	106+00	106+50	107+00	107+50	48+00	48+50	49+00	49+50	50+00	50+50
664.13	664.28	664.03	664.18	663.97	664.13	663.91	664.15	663.92	664.20	663.95	664.26	663.96	664.35	663.94
664.58	664.44	664.58	664.44	664.58	664.44	664.58	664.44	664.58	664.44	664.58	664.44	664.58	664.44	664.58
660.51	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15	660.15
665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80	665.80
669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80	669.80
671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51	671.51
673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07	673.07
674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86	674.86
674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83	674.83

REV - 1/10/06, 3/6/06

STORM SEWER & UTILITY ADJUSTMENTS - EX HARRISON / 38TH STREET

F.A.U. RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	30A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- 29 - STA 101+55.9 \odot
INLET, TY A, TY 11 FR & GR
TOP CURB = 664.91
INV ELEV = 662.30
- 30 - STA 101+24.5 \odot
PRECAST REINF CONC FLARED END
SECTIONS, 12" (STD 542301)
ELEV = 662.02
- W17 - STA 103+00.0 18.3' LT
TAPPING VALVE AND SLEEVE 8"
- W18 - 8" PVC WATERMAIN, 10.0'
- W19 - STA 103+00.0 28.3' LT
8" CAP & 2" BLOWOFF VALVE
WITH TRHUST BLOCKS
- Y - STORM SEWERS, CLASS A, TYPE 1 12", 30'
USFL = 662.30 DSFL = 662.02
SLOPE = 0.93%
TRENCH BACKFILL = 0.4 CU YD



SHEET ADDED 3/6/06
 663.95 664.24 664.40 664.56 664.67 664.89 665.11 664.73 665.30 665.06 665.48 665.37 665.52 665.54 665.48 665.56 665.40 665.44 665.23 665.24 665.03 665.03 664.76 664.83 664.47 664.63
 100+50 101+00 101+50 102+00 102+50 103+00 103+50 104+00
 STORM SEWER & UTILITY ADJUSTMENTS - EXISTING HARRISON 100+00 TO 104+00

PLAN SURVEYED BY DATE
 GRADES CHECKED BY DATE
 ALIGNMENT CHECKED BY DATE
 RT. OF WAY CHECKED BY DATE
 NOTE BOOK NO. ROAD FILE NAME

PROFILE SURVEYED BY DATE
 GRADES CHECKED BY DATE
 PLAN CHECKED BY DATE
 NOTE BOOK NO. ROAD FILE NAME

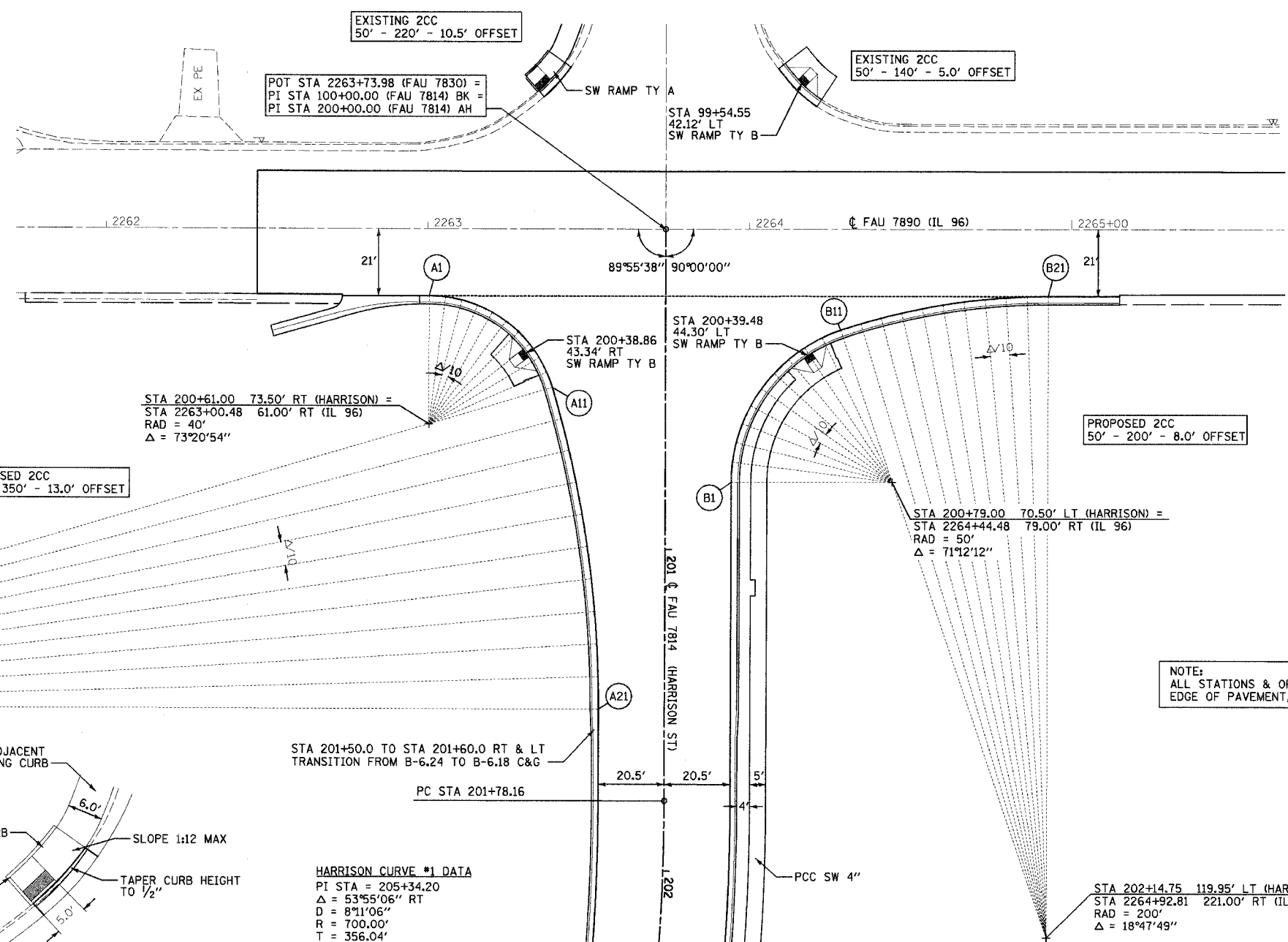
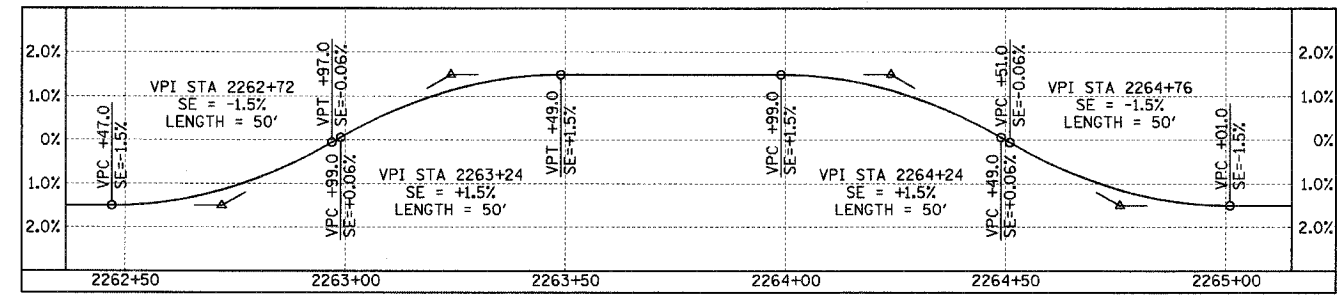
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 3/6/2006

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

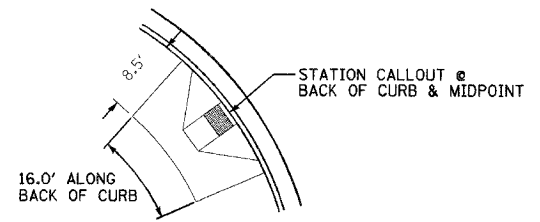
	HARRISON		IL 96		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	200+21.00	73.50 RT	2263+00.48	21.00 RT	656.54
A2	200+21.33	68.39 RT	2263+05.59	21.33 RT	656.58
A3	200+22.30	63.37 RT	2263+10.61	22.30 RT	656.60
A4	200+23.91	58.51 RT	2263+15.47	23.91 RT	656.63
A5	200+26.13	53.90 RT	2263+20.08	26.13 RT	656.66
A6	200+28.92	49.61 RT	2263+24.37	28.92 RT	656.69
A7	200+32.23	45.71 RT	2263+28.27	32.23 RT	656.72
A8	200+36.01	42.26 RT	2263+31.72	36.01 RT	656.75
A9	200+40.21	39.33 RT	2263+34.65	40.21 RT	656.78
A10	200+44.74	36.95 RT	2263+37.03	44.74 RT	656.82
A11	200+49.54	35.18 RT	2263+38.80	49.54 RT	656.85
A12	200+59.32	32.41 RT	2263+41.58	59.32 RT	656.91
A13	200+69.19	29.92 RT	2263+44.06	69.19 RT	656.97
A14	200+79.12	27.72 RT	2263+46.26	79.12 RT	657.03
A15	200+89.11	25.81 RT	2263+48.17	89.11 RT	657.09
A16	200+99.15	24.19 RT	2263+49.79	99.15 RT	657.16
A17	201+09.24	22.86 RT	2263+51.12	109.24 RT	657.23
A18	201+19.35	21.83 RT	2263+52.15	119.35 RT	657.29
A19	201+29.50	21.09 RT	2263+52.89	129.50 RT	657.35
A20	201+39.66	20.65 RT	2263+53.33	139.66 RT	657.40
A21	201+49.83	20.50 RT	2263+53.48	149.83 RT	657.45

	HARRISON		IL 96		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	200+79.00	20.50 LT	2263+94.48	79.00 RT	657.06
B2	200+72.80	20.89 LT	2263+94.87	72.80 RT	657.04
B3	200+66.70	22.04 LT	2263+96.02	66.70 RT	657.02
B4	200+60.79	23.94 LT	2263+97.92	60.79 RT	656.99
B5	200+55.16	26.55 LT	2264+00.53	55.16 RT	656.97
B6	200+49.89	29.85 LT	2264+03.83	49.89 RT	656.94
B7	200+45.08	33.77 LT	2264+07.75	45.08 RT	656.90
B8	200+40.79	38.26 LT	2264+12.24	40.79 RT	656.86
B9	200+37.08	43.24 LT	2264+17.22	37.08 RT	656.83
B10	200+34.03	48.65 LT	2264+22.63	34.03 RT	656.81
B11	200+31.67	54.39 LT	2264+28.37	31.67 RT	656.81
B12	200+29.66	60.63 LT	2264+34.61	29.66 RT	656.83
B13	200+27.85	66.94 LT	2264+40.92	27.85 RT	656.85
B14	200+26.25	73.31 LT	2264+47.29	26.25 RT	656.87
B15	200+24.86	79.72 LT	2264+53.70	24.86 RT	656.89
B15	200+23.69	86.17 LT	2264+60.15	23.69 RT	656.91
B17	200+22.72	92.66 LT	2264+66.64	22.72 RT	656.93
B18	200+21.97	99.18 LT	2264+73.16	21.97 RT	656.95
B19	200+21.43	105.72 LT	2264+79.70	21.43 RT	656.98
B20	200+21.11	112.27 LT	2264+86.25	21.11 RT	657.02
B21	200+21.00	118.83 LT	2264+92.81	21.00 RT	657.09

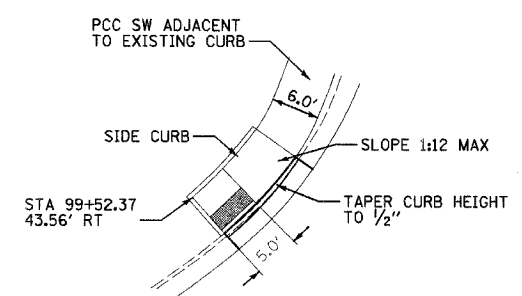
FAU 7830 SE RT TRANSITION PROFILE



STA 201+49.83 370.50' RT (HARRISON) =
 STA 2260+03.48 149.83' RT (IL 96)
 RAD = 350'
 Δ = 16°39'06"



TYPICAL SIDEWALK DIMENSIONS FOR TY B RAMP
 SEE STD 424001 FOR ADDITIONAL DETAILS
 SCALE: 1"=10'

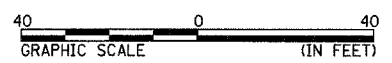


SIDEWALK DIMENSIONS FOR TY A RAMP SW CORNER
 SEE STD 424001 FOR ADDITIONAL DETAILS
 SCALE: 1"=10'

HARRISON CURVE #1 DATA
 PI STA = 205+34.20
 Δ = 53°55'06" RT
 D = 8°11'06"
 R = 700.00'
 T = 356.04'
 L = 658.74'
 E = 85.34'
 SE = RC (2.0%)
 PC STA = 201+78.16
 PRC STA = 208+36.89
 SE ATTAINED STA 201+42 TO STA 201+96
 SE REMOVED STA 207+83 TO STA 208+37

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
ROW COMM. - SEB	3/6/06

GEOMETRIC DETAILS
 IL 96 & HARRISON
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY
 SCALE: 1"=20'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW



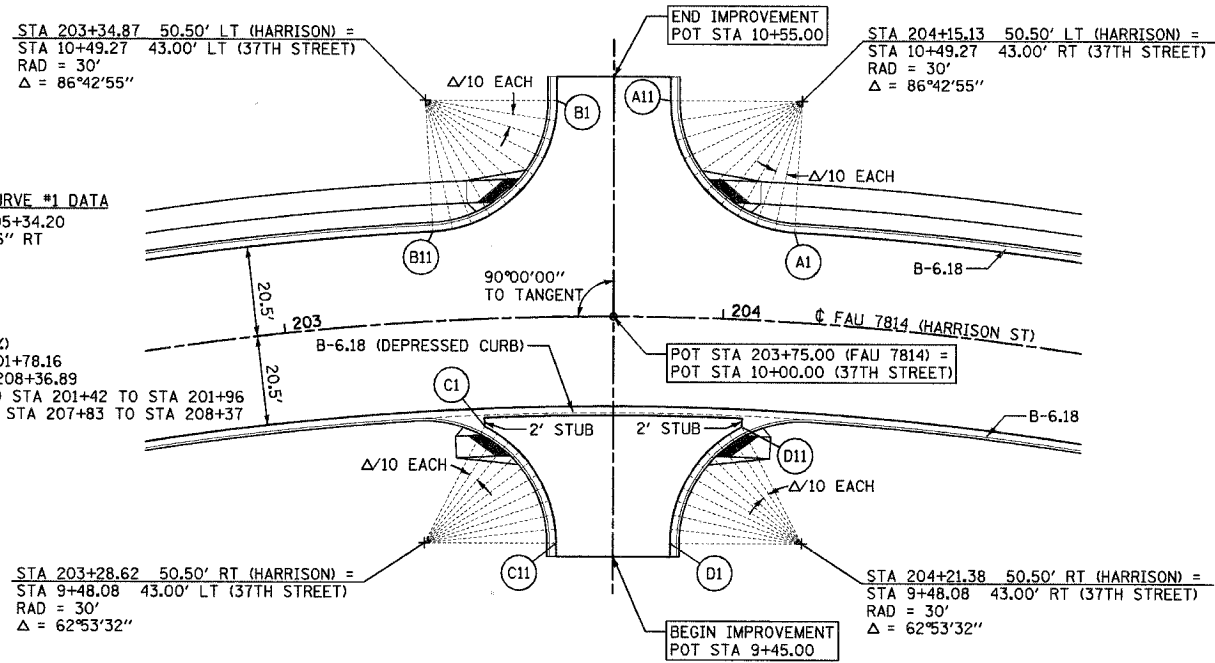
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 2/6/2006

37TH STREET

	HARRISON		37TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	203+62.86	49.38 LT	10+49.27	13.00 LT	661.29
B2	203+62.46	44.86 LT	10+44.74	13.34 LT	661.26
B3	203+61.42	40.46 LT	10+40.32	14.36 LT	661.14
B4	203+59.75	36.28 LT	10+36.11	16.04 LT	660.97
B5	203+57.48	32.42 LT	10+32.19	18.33 LT	660.78
B6	203+54.65	28.98 LT	10+28.67	21.19 LT	660.60
B7	203+51.33	26.03 LT	10+25.62	24.54 LT	660.45
B8	203+47.60	23.66 LT	10+23.10	28.32 LT	660.31
B9	203+43.54	21.92 LT	10+21.19	32.43 LT	660.20
B10	203+39.26	20.86 LT	10+19.92	36.79 LT	660.11
B11	203+34.87	20.50 LT	10+19.32	41.28 LT	660.01

	HARRISON		37TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	204+15.13	20.50 LT	10+19.32	41.28 RT	662.02
A2	204+10.74	20.86 LT	10+19.92	36.79 RT	661.90
A3	204+06.46	21.92 LT	10+21.19	32.43 RT	661.77
A4	204+02.40	23.66 LT	10+23.10	28.32 RT	661.64
A5	203+98.67	26.03 LT	10+25.62	24.54 RT	661.53
A6	203+95.35	28.98 LT	10+28.67	21.19 RT	661.45
A7	203+92.52	32.42 LT	10+32.19	18.33 RT	661.41
A8	203+90.25	36.28 LT	10+36.11	16.04 RT	661.37
A9	203+88.58	40.46 LT	10+40.32	14.36 RT	661.35
A10	203+87.54	44.86 LT	10+44.74	13.34 RT	661.33
A11	203+87.14	49.38 LT	10+49.27	13.00 RT	661.29

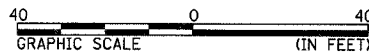
HARRISON CURVE #1 DATA
 PI STA = 205+34.20
 $\Delta = 53^{\circ}55'06''$ RT
 D = 8'11"06"
 R = 700.00'
 T = 356.04'
 L = 658.74'
 E = 85.34'
 SE= RC (2.0%)
 PC STA = 201+78.16
 PRC STA = 208+36.89
 SE ATTAINED STA 201+42 TO STA 201+96
 SE REMOVED STA 207+83 TO STA 208+37



	HARRISON		37TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
C1	203+44.59	24.58 RT	9+74.78	29.33 LT	660.33
C2	203+47.47	26.36 RT	9+73.12	26.49 LT	660.44
C3	203+50.14	28.42 RT	9+71.16	23.84 LT	660.55
C4	203+52.58	30.73 RT	9+68.92	21.43 LT	660.65
C5	203+54.76	33.29 RT	9+66.44	19.27 LT	660.77
C6	203+56.65	36.05 RT	9+63.73	17.41 LT	660.90
C7	203+58.22	38.98 RT	9+60.83	15.85 LT	661.02
C8	203+59.45	42.06 RT	9+57.78	14.61 LT	661.14
C9	203+60.33	45.25 RT	9+54.61	13.72 LT	661.23
C10	203+60.84	48.51 RT	9+51.36	13.18 LT	661.31
C11	203+60.96	51.79 RT	9+48.08	13.00 LT	661.38

	HARRISON		37TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	203+89.04	51.79 RT	9+48.08	13.00 RT	661.38
D2	203+89.16	48.51 RT	9+51.36	13.18 RT	661.39
D3	203+89.67	45.25 RT	9+54.61	13.72 RT	661.44
D4	203+90.55	42.06 RT	9+57.78	14.61 RT	661.50
D5	203+91.78	38.98 RT	9+60.83	15.85 RT	661.56
D6	203+93.35	36.05 RT	9+63.73	17.41 RT	661.62
D7	203+95.24	33.29 RT	9+66.44	19.27 RT	661.68
D8	203+97.42	30.73 RT	9+68.92	21.43 RT	661.73
D9	203+99.86	28.42 RT	9+71.16	23.84 RT	661.77
D10	204+02.53	26.36 RT	9+73.12	26.49 RT	661.81
D11	204+05.41	24.58 RT	9+74.78	29.33 RT	661.85

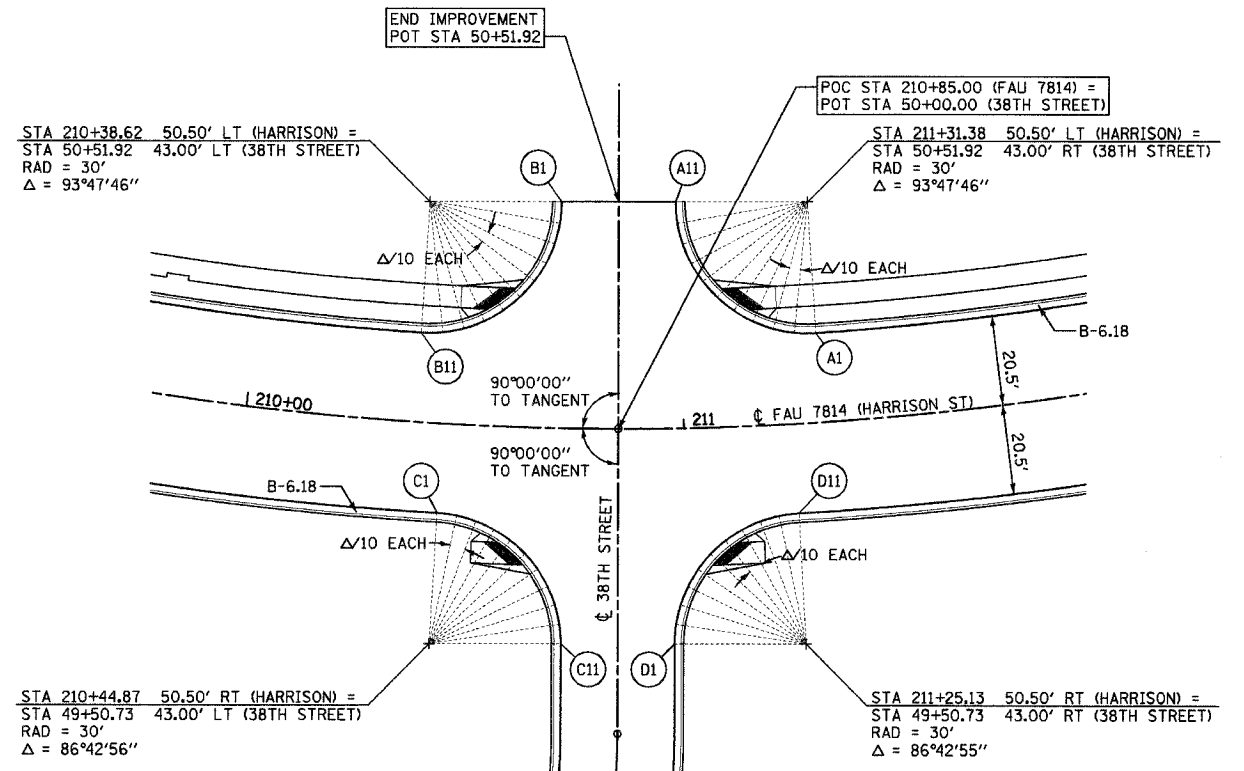
NOTE:
 PAY LIMITS OF THE B-6.18 CURB AND GUTTER SHALL FOLLOW THE CURB AROUND THE RADII AND BETWEEN THE 2' STUBS FOR THE SOUTH LEG OF 37TH STREET. THE COST OF THE ADDITIONAL CONCRETE AND REINFORCEMENT FOR THE STUB AREAS SHALL BE INCLUDED IN THE COST OF THE PAY ITEM "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18".



38TH STREET

	HARRISON		38TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	210+70.96	51.79 LT	50+51.92	13.00 LT	674.52
B2	210+70.64	46.90 LT	50+47.04	13.40 LT	674.50
B3	210+69.47	42.12 LT	50+42.28	14.59 LT	674.47
B4	210+67.51	37.57 LT	50+37.78	16.55 LT	674.43
B5	210+64.83	33.38 LT	50+33.65	19.21 LT	674.39
B6	210+61.50	29.64 LT	50+30.02	22.50 LT	674.35
B7	210+57.61	26.46 LT	50+26.97	26.34 LT	674.30
B8	210+53.27	23.90 LT	50+24.59	30.63 LT	674.26
B9	210+48.58	22.03 LT	50+22.94	35.25 LT	674.21
B10	210+43.66	20.88 LT	50+22.07	40.08 LT	674.15
B11	210+38.62	20.50 LT	50+21.99	44.99 LT	674.07

	HARRISON		38TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	211+31.38	20.50 LT	50+21.99	44.99 RT	675.66
A2	211+26.34	20.88 LT	50+22.07	40.08 RT	675.57
A3	211+21.42	22.03 LT	50+22.94	35.25 RT	675.44
A4	211+16.73	23.90 LT	50+24.59	30.63 RT	675.28
A5	211+12.39	26.46 LT	50+26.97	26.34 RT	675.10
A6	211+08.50	29.64 LT	50+30.02	22.50 RT	674.88
A7	211+05.17	33.38 LT	50+33.65	19.21 RT	674.67
A8	211+02.49	37.57 LT	50+37.78	16.55 RT	674.49
A9	211+00.53	42.12 LT	50+42.28	14.59 RT	674.47
A10	210+99.36	46.90 LT	50+47.04	13.40 RT	674.50
A11	210+99.04	51.79 LT	50+51.92	13.00 RT	674.52



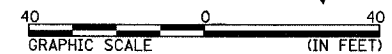
STA 210+38.62 50.50' LT (HARRISON) = STA 50+51.92 43.00' LT (38TH STREET) RAD = 30' $\Delta = 93^{\circ}47'46''$

STA 211+31.38 50.50' RT (HARRISON) = STA 50+51.92 43.00' RT (38TH STREET) RAD = 30' $\Delta = 93^{\circ}47'46''$

	HARRISON		38TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
C1	210+44.87	20.50 RT	49+80.68	41.28 LT	675.00
C2	210+49.26	20.86 RT	49+80.08	36.79 LT	675.08
C3	210+53.54	21.92 RT	49+78.81	32.43 LT	675.15
C4	210+57.60	23.66 RT	49+76.90	28.32 LT	675.20
C5	210+61.33	26.03 RT	49+74.38	24.54 LT	675.23
C6	210+64.65	28.98 RT	49+71.33	21.19 LT	675.22
C7	210+67.48	32.42 RT	49+67.81	18.33 LT	675.18
C8	210+69.75	36.28 RT	49+63.89	16.04 LT	675.13
C9	210+71.42	40.46 RT	49+59.68	14.36 LT	675.08
C10	210+72.46	44.86 RT	49+55.26	13.34 LT	675.02
C11	210+72.86	49.38 RT	49+50.73	13.00 LT	674.93

HARRISON CURVE #2 DATA
 PI STA = 211+99.41
 $\Delta = 54^{\circ}45'28''$ LT
 D = 8'11"06"
 R = 700.00'
 T = 362.52'
 L = 668.99'
 E = 88.30'
 SE= RC (2.0%)
 PC STA = 208+36.89
 PT STA = 215+05.89
 SE ATTAINED STA 208+37 TO STA 208+91
 SE REMOVED STA 214+88 TO STA 113+56

	HARRISON		38TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	210+97.14	49.38 RT	49+50.73	13.00 RT	674.93
D2	210+97.54	44.86 RT	49+55.26	13.34 RT	675.02
D3	210+98.58	40.46 RT	49+59.68	14.36 RT	675.10
D4	211+00.25	36.28 RT	49+63.89	16.04 RT	675.22
D5	211+02.52	32.42 RT	49+67.81	18.33 RT	675.37
D6	211+05.35	28.98 RT	49+71.33	21.19 RT	675.54
D7	211+08.67	26.03 RT	49+74.38	24.54 RT	675.75
D8	211+12.40	23.66 RT	49+76.90	28.32 RT	676.00
D9	211+16.46	21.92 RT	49+78.81	32.43 RT	676.18
D10	211+20.74	20.86 RT	49+80.08	36.79 RT	676.30
D11	211+25.13	20.50 RT	49+80.68	41.28 RT	676.38



REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	
ROW COMM. - SEB	3/6/06	

GEOMETRIC DETAILS
SIDE STREETS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

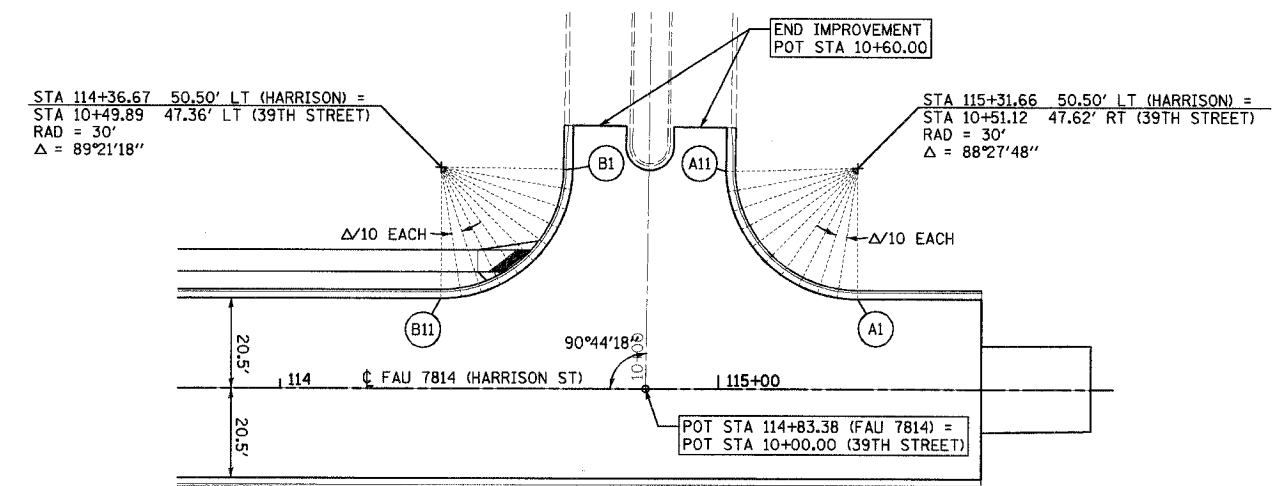
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 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

39TH STREET

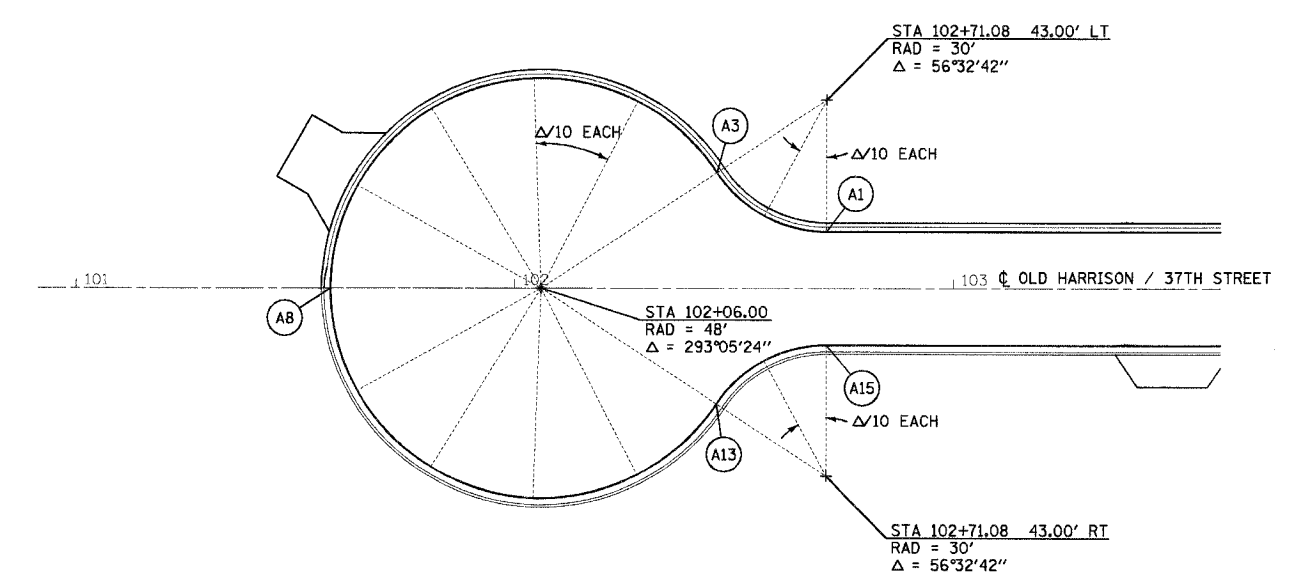
	HARRISON		39TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	115+31.66	20.50 LT	10+21.12	48.01 RT	684.41
A2	115+27.05	20.86 LT	10+21.42	43.39 RT	684.35
A3	115+22.54	21.92 LT	10+22.42	38.88 RT	684.27
A4	115+18.26	23.66 LT	10+24.11	34.57 RT	684.12
A5	115+14.29	26.04 LT	10+26.44	30.57 RT	683.92
A6	115+10.74	29.00 LT	10+29.35	26.98 RT	683.70
A7	115+07.68	32.48 LT	10+32.79	23.88 RT	683.47
A8	115+05.19	36.38 LT	10+36.66	21.34 RT	683.40
A9	115+03.34	40.62 LT	10+40.87	19.43 RT	683.45
A10	115+02.15	45.09 LT	10+45.33	18.19 RT	683.53
A11	115+01.67	49.70 LT	10+49.93	17.65 RT	683.61

	HARRISON		39TH STREET		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	114+66.66	50.16 LT	10+49.94	17.36 LT	683.71
B2	114+66.25	45.51 LT	10+45.28	17.72 LT	683.68
B3	114+65.11	40.97 LT	10+40.73	18.80 LT	683.65
B4	114+63.29	36.67 LT	10+36.41	20.57 LT	683.63
B5	114+60.82	32.70 LT	10+32.41	22.99 LT	683.61
B6	114+57.76	29.17 LT	10+28.84	26.00 LT	683.59
B7	114+54.19	26.15 LT	10+25.77	29.53 LT	683.57
B8	114+50.20	23.72 LT	10+23.29	33.49 LT	683.55
B9	114+45.87	21.95 LT	10+21.46	37.79 LT	683.52
B10	114+41.33	20.86 LT	10+20.32	42.32 LT	683.50
B11	114+36.67	20.50 LT	10+19.90	46.98 LT	683.46



EXISTING HARRISON CUL-DE-SAC

	37TH STREET		ELEVATION
	STATION	OFFSET	
A1	102+71.08	13.00 LT	665.31
A2	102+56.87	16.58 LT	665.23
A3	102+46.05	26.46 LT	665.15
A4	102+27.97	42.68 LT	665.02
A5	102+04.26	47.97 LT	664.89
A6	101+81.00	40.98 LT	664.76
A7	101+64.14	23.50 LT	664.63
A8	101+58.00	0	664.50
A9	101+64.14	23.50 RT	664.63
A10	101+81.00	40.98 RT	664.76
A11	102+04.26	47.97 RT	664.89
A12	102+27.97	42.68 RT	665.02
A13	102+46.05	26.46 RT	665.15
A14	102+56.87	16.58 RT	665.23
A15	102+71.08	13.00 RT	665.31



REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
ROW COMM. - SEB	3/6/06

GEOMETRIC DETAILS
 SIDE STREETS
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY
 SCALE: 1"=20'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW

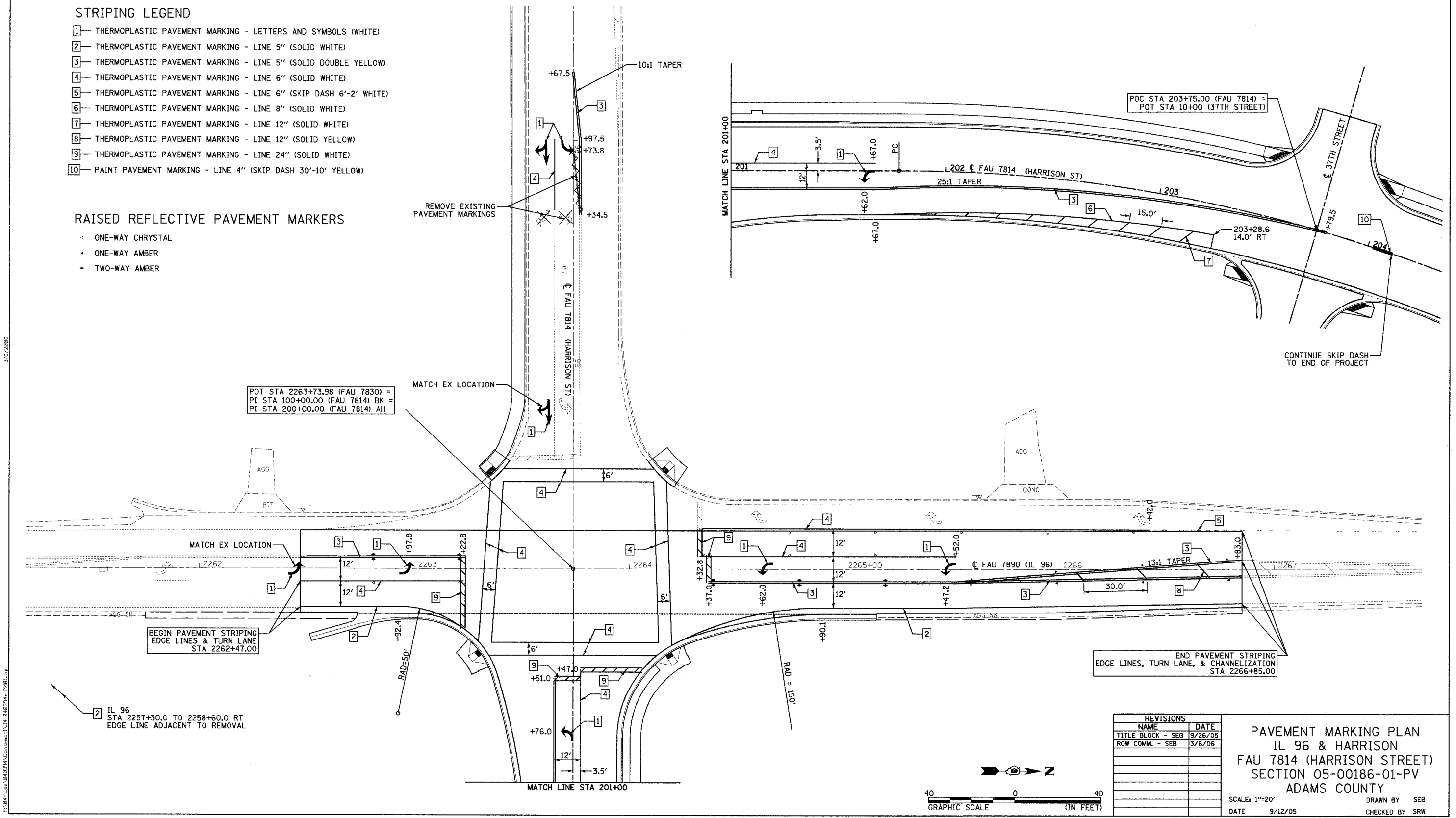
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STRIPING LEGEND

- 1— THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- 2— THERMOPLASTIC PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- 3— THERMOPLASTIC PAVEMENT MARKING - LINE 5" (SOLID DOUBLE YELLOW)
- 4— THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- 5— THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP DASH 6'-2" WHITE)
- 6— THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- 7— THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- 8— THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- 9— THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- 10— PAINT PAVEMENT MARKING - LINE 4" (SKIP DASH 30'-10' YELLOW)

RAISED REFLECTIVE PAVEMENT MARKERS

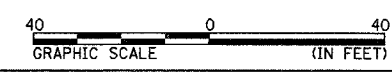
- ◀ ONE-WAY CHRYSAL
- ◀ ONE-WAY AMBER
- TWO-WAY AMBER



REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
ROW COMM. - SEB	3/6/06

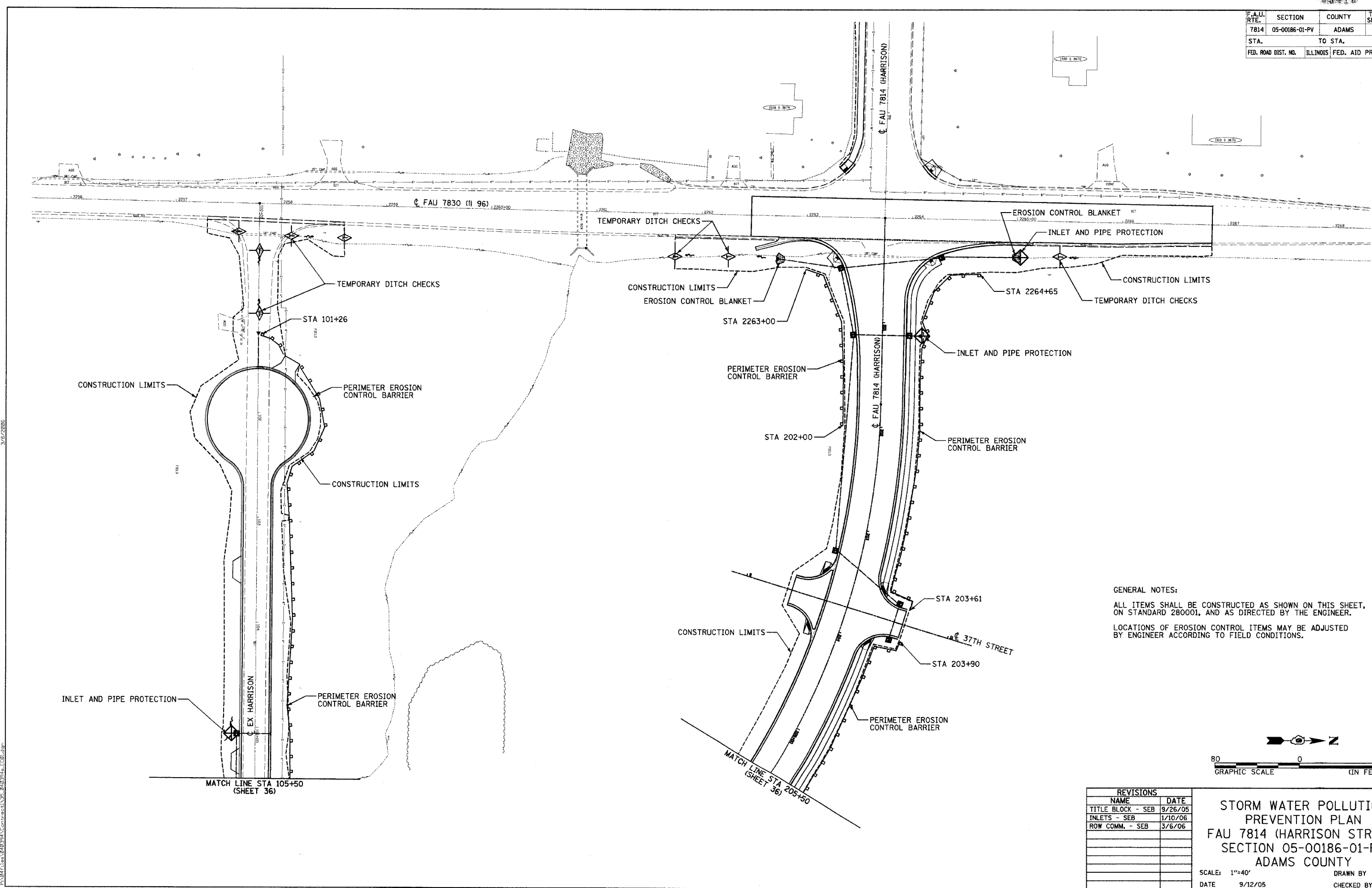
PAVEMENT MARKING PLAN
 IL 96 & HARRISON
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: 1"=20'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW



3/12/2005
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	35
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES:
 ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.
 LOCATIONS OF EROSION CONTROL ITEMS MAY BE ADJUSTED BY ENGINEER ACCORDING TO FIELD CONDITIONS.

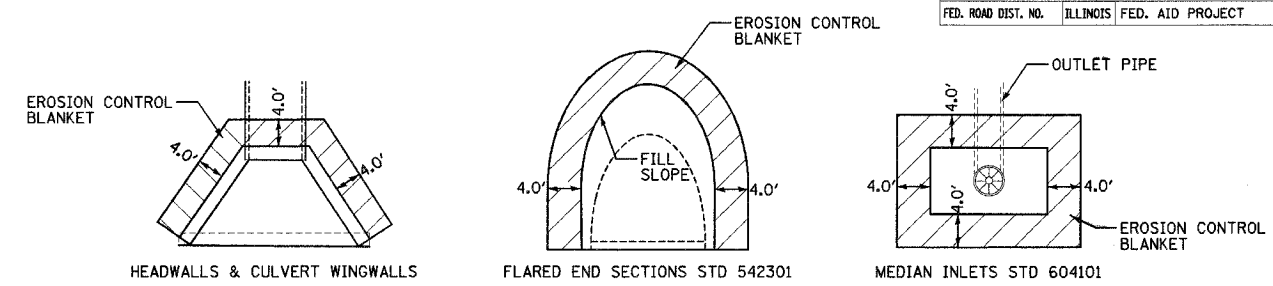
REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
INLETS - SEB	1/10/06
ROW COMM. - SEB	3/6/06

STORM WATER POLLUTION PREVENTION PLAN
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY
 SCALE: 1"=40'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW

3/6/2006

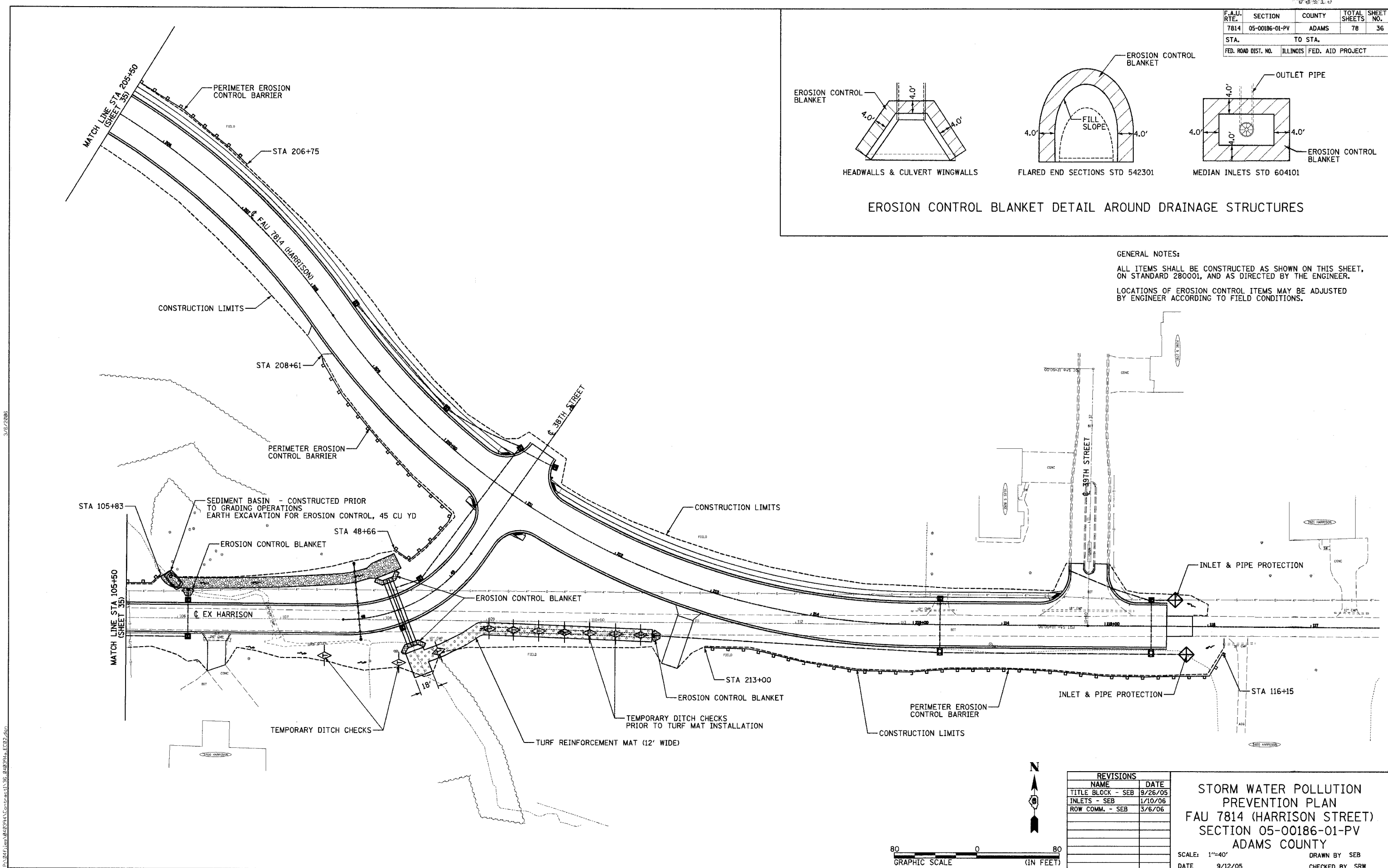
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



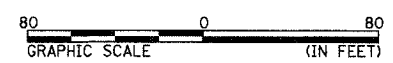
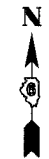
EROSION CONTROL BLANKET DETAIL AROUND DRAINAGE STRUCTURES

GENERAL NOTES:
 ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.
 LOCATIONS OF EROSION CONTROL ITEMS MAY BE ADJUSTED BY ENGINEER ACCORDING TO FIELD CONDITIONS.



3/16/2006

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REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
INLETS - SEB	1/10/06
ROW COMM. - SEB	3/6/06

STORM WATER POLLUTION PREVENTION PLAN
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY
 SCALE: 1"=40'
 DATE: 9/12/05
 DRAWN BY SEB
 CHECKED BY SRW

TRAFFIC SIGNAL EQUIPMENT QUANTITIES			
QUANTITY	UNIT	ITEM	LOCATION
1	EACH	SERVICE INSTALLATION, TYPE B (MODIFIED)	
56	FOOT	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	
52	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC	
106	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	
29	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC	
165	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC	
60	FOOT	CONDUIT, AUGERED 3" DIA., PVC	
3	EACH	REMOVE EXISTING JUNCTION BOX	
4	EACH	CONCRETE HANDHOLE	HH-1,3,4,5
1	EACH	CONCRETE DOUBLE HANDHOLE	DHH-1
335	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK	
503	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C NO. 10	
1539	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	
500	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	
1462	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	
696	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	
495	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	
940	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR	
31	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	
4	EACH	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	C,D,F,I
3	EACH	PEDESTRIAN PUSH-BUTTON POST, TYPE II	B,G,J
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	F
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	A,H
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	K
12.0	FOOT	CONCRETE FOUNDATION, TYPE A	C,D,F,I
3.0	FOOT	CONCRETE FOUNDATION, TYPE D	
54.0	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	A,E,H,K
1	EACH	DRILL EXISTING HANDHOLE	HH-2
18	EACH	TRAFFIC SIGNAL BACKPLATE	
8	EACH	PEDESTRIAN PUSH-BUTTON	B,D,G,J
534	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT	
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	
3	EACH	REMOVE EXISTING HANDHOLE	
6	EACH	REMOVE EXISTING CONCRETE FOUNDATION	
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	A,H,K
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	E,K
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	E
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	A,E,H,K
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	D,F,I
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	C
6	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	A,C,F,H,I,K
1	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	D
2	EACH	EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT	H,K
1	EACH	EMERGENCY VEHICLE PRIORITY SYSTEM	
1	EACH	VIDEO VEHICLE DETECTION SYSTEM	
1	EACH	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET COMPLETE	
2	EACH	RELOCATE EXISTING LUMINAIRE	
1253	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	

CABLE LOCATION SUMMARY								
ITEM TO CONTROLLER	#6	#10	#14	#14	#14	#14	#18	#18
MAST ARM "A"			221.9	221.9	262.9			
PED PUSH BUTTON "B"			191.7					
SIGNAL "C"			189.2			189.2		
SIGNAL "D"			269.6		276.6	276.6		
MAST ARM "E"					595.0			334.5
SIGNAL "F"			173.0			173.0		
PED PUSH BUTTON "G"			141.4					
MAST ARM "H"			149.4	185.4	192.4		372.8	194.4
SIGNAL "I"			57.3			57.3		
PED PUSH BUTTON "J"			53.4					
MAST ARM "K"			92.2	92.2	135.2		122.2	137.2
SERVICE	31.0							
MAST ARM "E" TO SERVICE		346.5						
MAST ARM "K" TO SERVICE		156.2						
TOTAL:	31.0	502.7	1539.1	499.5	1462.1	696.1	495.0	940.0

PROPOSED CONTROLLER SEQUENCE								
PHASE	I	II	III	IV	V	VI	VII	VIII
MOVEMENT	↑	←	↓	→	↖	↗	↘	↙
CONCURRENT MOVEMENT PERMITTED	5	6	7	8	1	2	3	4
CONCURRENT OVERLAP PER NEMA			A					
PEDESTRIAN MOVEMENT PERMITTED		P2		P4		P6		P8

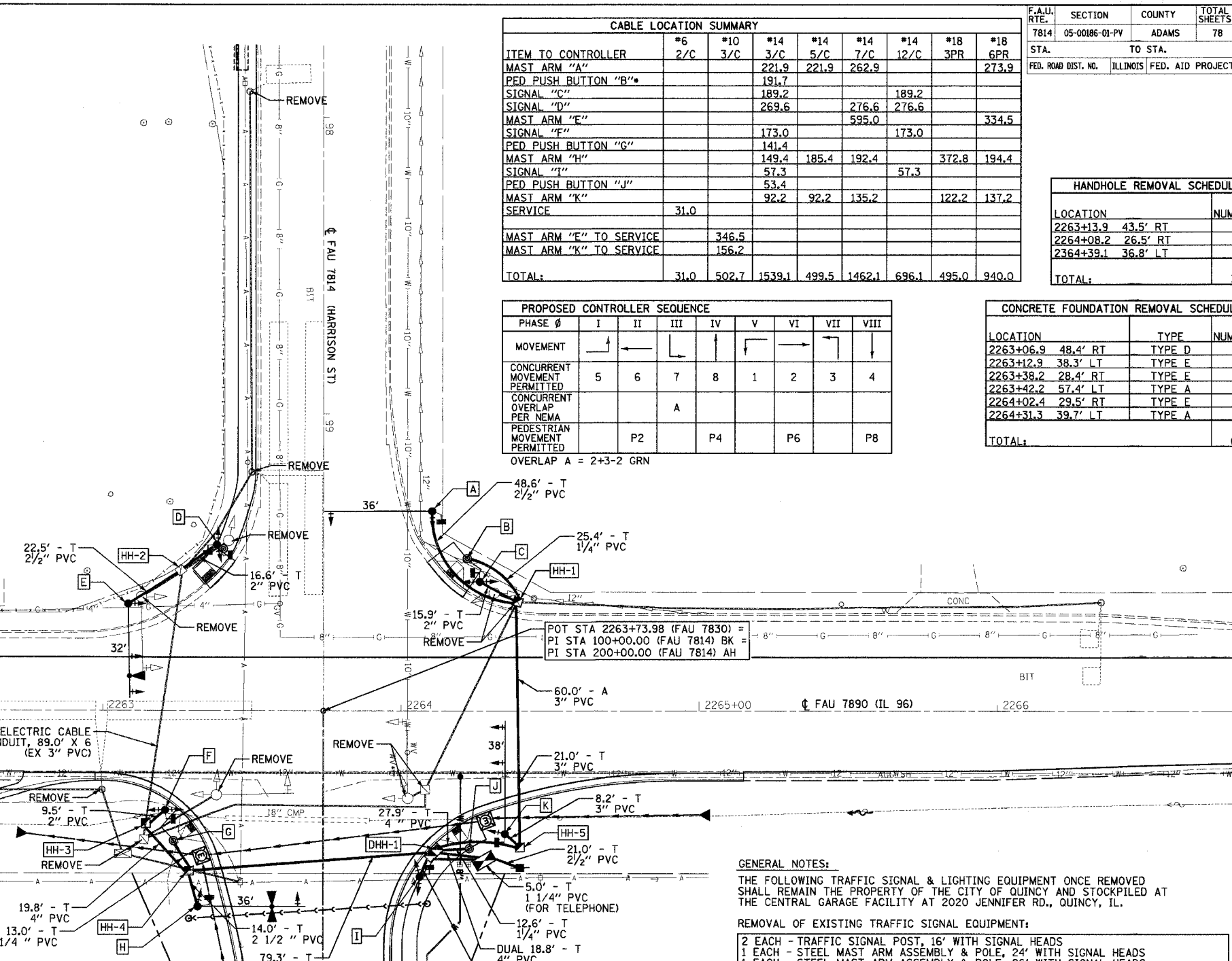
OVERLAP A = 2+3-2 GRN

HANDHOLE REMOVAL SCHEDULE		
LOCATION		NUMBER
2263+13.9	43.5' RT	1
2264+08.2	26.5' RT	1
2264+39.1	36.8' LT	1
TOTAL:		3

CONCRETE FOUNDATION REMOVAL SCHEDULE			
LOCATION		TYPE	NUMBER
2263+06.9	48.4' RT	TYPE D	1
2263+12.9	38.3' LT	TYPE E	1
2263+38.2	28.4' RT	TYPE E	1
2263+42.2	57.4' LT	TYPE A	1
2264+02.4	29.5' RT	TYPE E	1
2264+31.3	39.7' LT	TYPE A	1
TOTAL:			6

CONDUIT LOCATION SUMMARY							
RUN	1 1/4"	2"	2 1/2"	3"	4"	3"	TRENCH & BACKFILL
MAST ARM "A" to HH-1			48.6				44.2
PED PB "B" to HH-1	25.4						21.7
SIGNAL "C" to HH-1		15.9					11.5
HH-1 to HH-5				21.0		60.0	21.0
SIGNAL "D" to HH-2			16.6				12.2
MAST ARM "E" to HH-2				22.5			18.1
HH-2 to HH-3							
SIGNAL "F" to HH-3		9.5					5.1
HH-3 to HH-4					19.8		18.1
PED PB "G" to HH-4	13.0						9.3
MAST ARM "H" to HH-4			14.0				9.6
HH-4 to DHH-1					79.3		78.0
SIGNAL "I" to DHH-1		9.5					5.1
PED PB "J" to DHH-1	12.6						8.9
MAST ARM "K" to HH-5				8.2			3.7
HH-5 to DHH-1					27.9		26.6
DHH-1 to CONTROLLER					37.6		28.8
CONTROLLER TO SERVICE			21.0				10.3
CONTROLLER STUB	5.0						2.5
TOTALS:	56.0	51.5	106.1	29.2	164.6	60.0	335.0

STRUCTURE LOCATION	
MAST ARM "A"	99+32.80 36.50' LT
PED PUSH BUTTON "B"	2264+22.20 51.37' LT
TRAFFIC SIGNAL POST "C"	2264+26.40 43.50' LT
TRAFFIC SIGNAL POST "D"	2263+38.22 56.02' LT
MAST ARM "E"	2263+08.50 36.00' LT
TRAFFIC SIGNAL POST "F"	2263+20.98 33.50' RT
PED PUSH BUTTON "G"	2263+23.79 43.89' RT
MAST ARM "H"	200+66.00 42.00' RT
TRAFFIC SIGNAL POST "I"	200+56.00 32.50' LT
PED PUSH BUTTON "J"	2264+23.06 46.51' RT
MAST ARM "K"	200+41.50 61.02' RT
HAND HOLE 1	2264+39.08 36.83' LT
EX HAND HOLE 2	2263+26.08 47.27' LT
HAND HOLE 3	2263+14.45 38.00' RT
HAND HOLE 4	200+54.00 45.00' RT
HAND HOLE 5	2264+40.00 46.00' RT
DOUBLE HAND HOLE 1	2264+11.20 48.00' RT
CONTROLLER	2264+28.00 50.50' RT
SERVICE	2264+40.00 53.00' RT



GENERAL NOTES:
 THE FOLLOWING TRAFFIC SIGNAL & LIGHTING EQUIPMENT ONCE REMOVED SHALL REMAIN THE PROPERTY OF THE CITY OF QUINCY AND STOCKPILED AT THE CENTRAL GARAGE FACILITY AT 2020 JENNIFER RD., QUINCY, IL.

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:
 2 EACH - TRAFFIC SIGNAL POST, 16' WITH SIGNAL HEADS
 1 EACH - STEEL MAST ARM ASSEMBLY & POLE, 24' WITH SIGNAL HEADS
 1 EACH - STEEL MAST ARM ASSEMBLY & POLE, 26' WITH SIGNAL HEADS
 1 EACH - STEEL COMBINATION MAST ARM ASSEMBLY & POLE, 24' WITH SIGNAL HEADS

REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE:
 1 EACH - LIGHT POLE, STEEL 45 FT

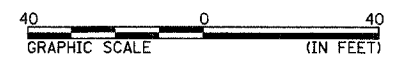
HANDHOLE, FOUNDATION AND JUNCTION BOX REMOVAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DISPOSED OF OFF SITE. THE HANDHOLE IN THE SOUTHWEST QUADRANT IS TO REMAIN IN PLACE AND REUSED.

EXISTING CONDUIT AND WIRE MAY BE ABANDONED UNLESS NOTED OTHERWISE. REMOVAL OF THE EXISTING CONDUIT AND/OR WIRE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCIDENTAL TO VARIOUS REMOVAL PAY ITEMS.

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
INLET - SEB	1/10/06
3" MA K TO HH-5 - SEB	3/6/06

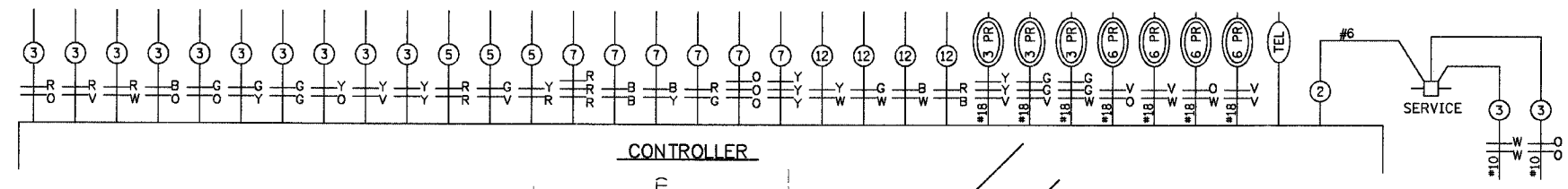
**TRAFFIC SIGNAL
 LAYOUT PLAN**
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

SCALE: 1"=20'
 DATE: 9/12/05
 DRAWN BY: SEB
 CHECKED BY: SRW



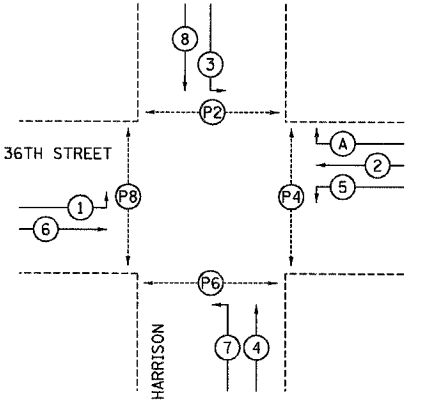
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	38.
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

- ### LEGEND
- 12" SIGNAL FACE
 - 12" SIGNAL FACE WITH BACKPLATE
 - 12" DIRECTIONAL SIGNAL SECTION
 - 12" PEDESTRIAN SIGNAL FACE
 - VIDEO CAMERA
 - ELECTRIC CABLE DENOTING NO. OF CABLES (NO. 14 UNLESS OTHERWISE NOTED)
 - ELECTRIC CABLE IDENTIFIER TAPE CODES
 - PEDESTRIAN PUSH BUTTON
 - LUMINAIRE
 - EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT

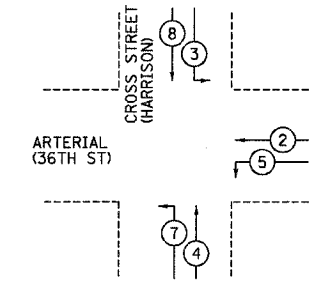


EMERGENCY VEHICLE PREEMPTION SEQUENCE

- FOR SINGLE ENTRY OPERATION
- #### SINGLE ENTRY PHASING NOTES:
- A PHASE IN ONE RING CAN BE SELECTED AND TIMED ALONE IF THERE IS NO DEMAND FOR SERVICE IN A NON-CONFLICTING PHASE ON THE PARALLEL RING ONLY ON THE ARTERIAL'S SIDE OF THE BARRIER.
 - A SINGLE PHASE SELECTED AS STATED IN NOTE 1 SHALL ONLY TERMINATE TO THE CONFLICTING PHASE ON THE SAME SIDE OF THE BARRIER OR TO ANY CONCURRENT PHASES ON THE OTHER SIDE OF THE BARRIER.
 - ONCE CONCURRENT TIMING OF BOTH RINGS OCCURS ON THE ARTERIAL'S SIDE OF THE BARRIER, THE ASSOCIATED CONCURRENT PHASES SHALL ONLY CLEAR TO OTHER CONCURRENT PHASES ON THE SAME SIDE OF THE BARRIER OR TO ANY CONCURRENT PHASES ON THE OTHER SIDE OF THE BARRIER.
 - TERMINATION OF A PHASE SHALL BE WITH A YELLOW INDICATION FOLLOWED BY A RED INDICATION.
 - IN FLASHING MODE, ALL VEHICULAR SIGNAL FACES SHALL FLASH RED AND ALL PEDESTRIAN SIGNAL FACES SHALL BE DARK.

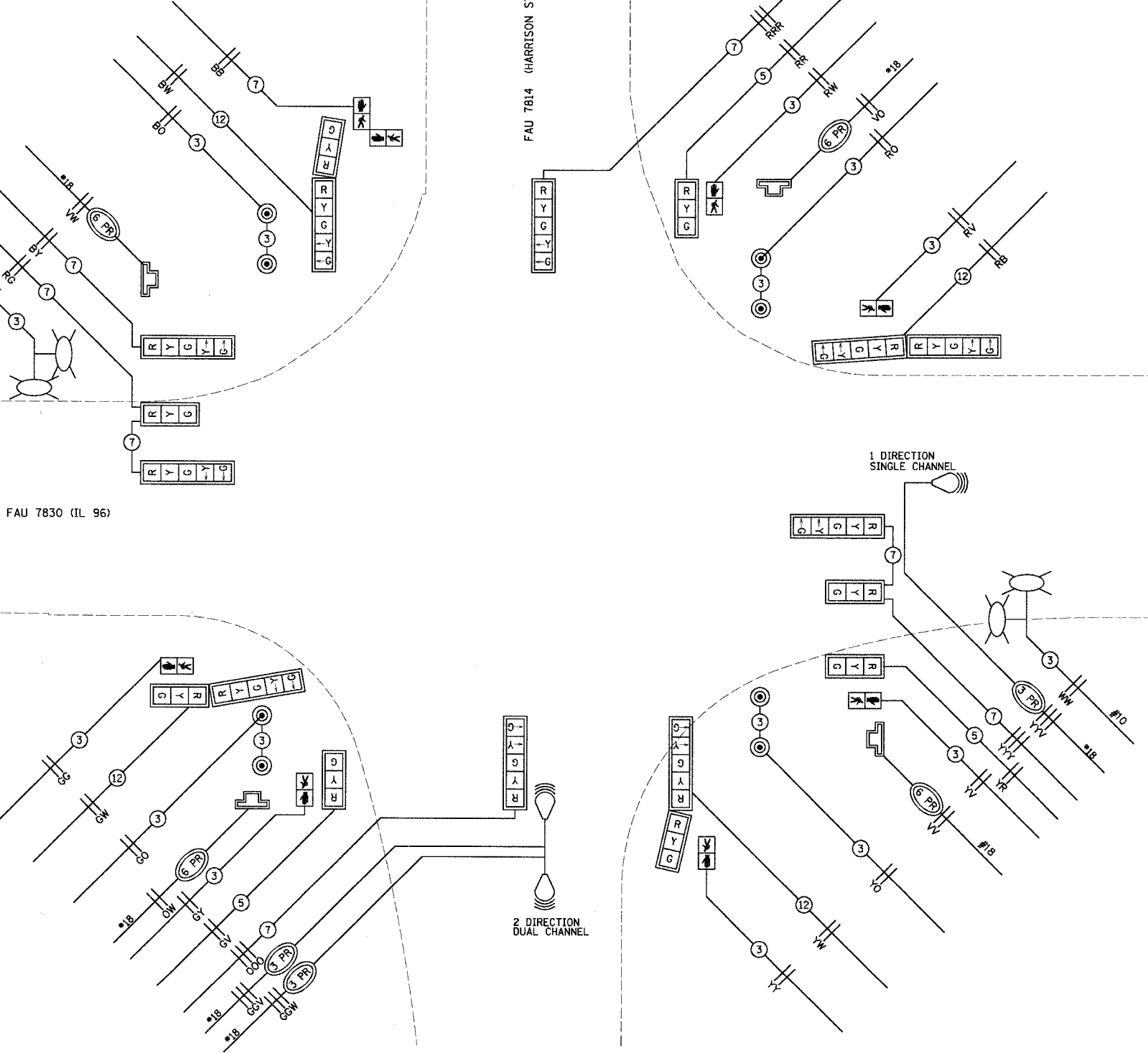


PHASE DESIGNATION DIAGRAM



PROPOSED PRIORITY LANES			
PRIORITY LANE INTERVAL	1	2	3
MOVEMENT	← 2	8 3	7 ↑
	→ 5	↓ 1	4

- #### PREEMPTION NOTES:
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN THE SINGLE ENTRY PHASING NOTES.
 - A RIGHT TURN OVERLAP SHALL BE TERMINATED IF THAT OVERLAP IS IN ITS PERMISSIVE OR PROTECTED PHASE IN THE NORMAL SEQUENCE OF OPERATION AND IT IS FOLLOWED BY ITS PROTECTED PHASE IN THE PREEMPTION SEQUENCE.
 - CONTINUATION OR TERMINATION OF A RIGHT TURN OVERLAP DURING ITS PROTECTED PHASE WHEN TRANSFERRING FROM THE NORMAL SEQUENCE OF OPERATION TO THE PREEMPTION SEQUENCE SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF A RIGHT TURN OVERLAP DURING ITS PROTECTED PHASE.
 - TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
 - IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



LUMINAIRE AND TWIN TENON MOUNTS TO BE RELOCATED FROM EXISTING LIGHT POLE AT STA 2258+52 30' RT AND COMBINATION MAST ARM AT STA 2263+13 38' LT.

REVISIONS

NAME	DATE
TITLE BLOCK - SEB	9/26/05

TRAFFIC SIGNAL
 CABLE DIAGRAM
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY

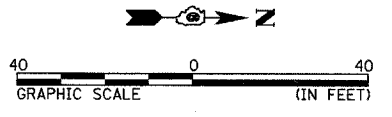
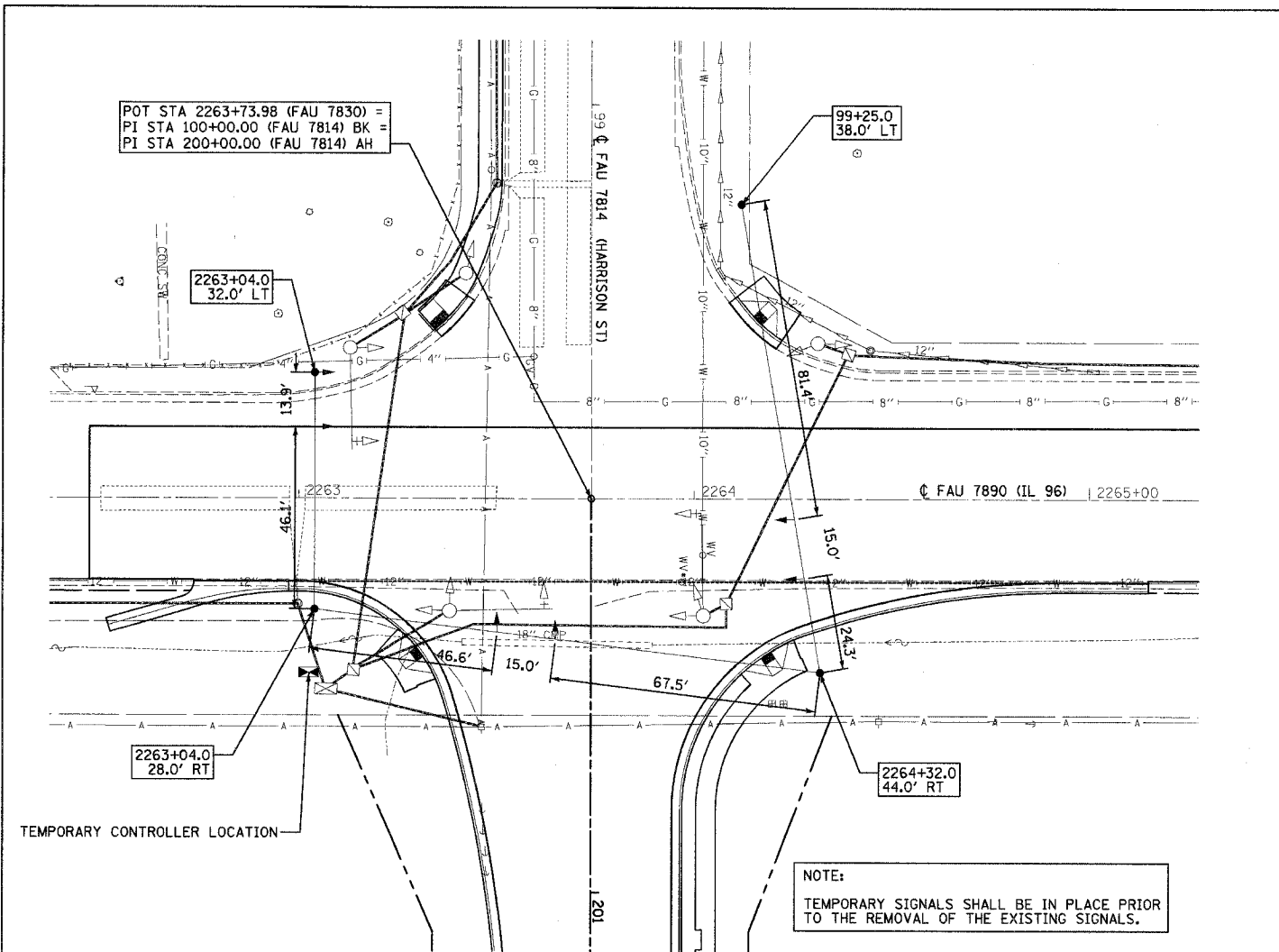
SCALE: NONE DRAWN BY: SEB
 DATE: 9/12/05 CHECKED BY: SRW

3/6/2006
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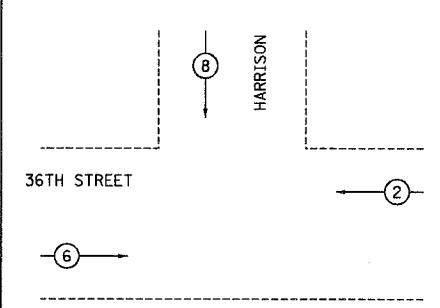
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES AND SPECIFICATIONS:

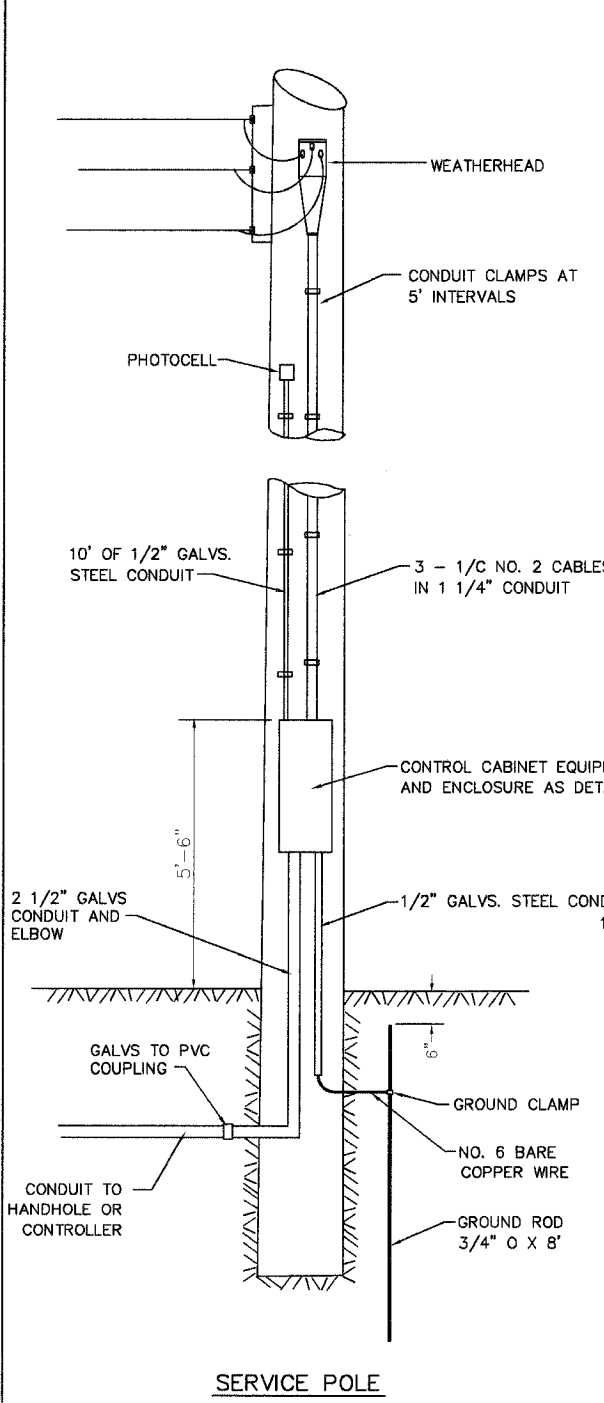
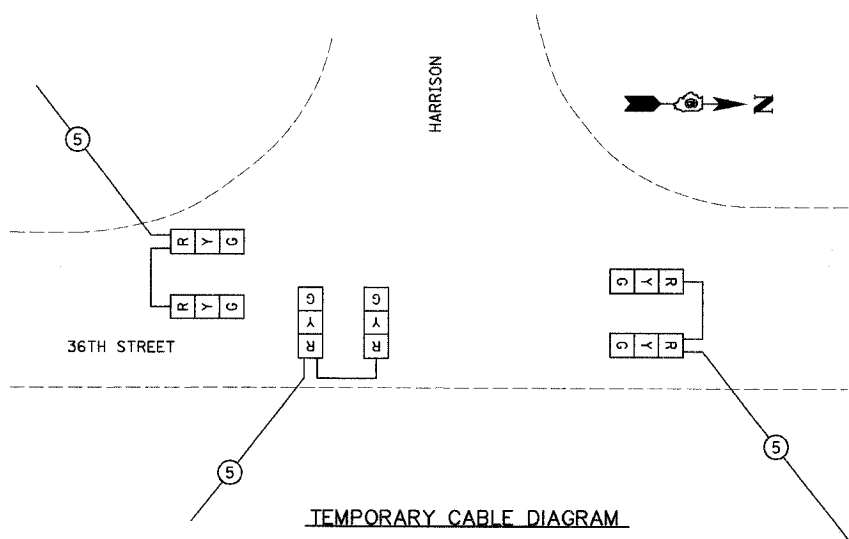
1. THE SERVICE SHALL CONFORM TO A TYPE B SERVICE INSTALLATION EXCEPT THAT THE WEATHER PROOF BOX SHALL CONTAIN A 100 AMP BREAKER, A SELECTION SWITCH, A 2 POLE 30 AMP BREAKER, A 2 POLE 30 AMP CONTACTOR, AN ATTACHED PHOTO CELL AND OTHER MISCELLANEOUS ITEMS AS SHOWN.
2. ALL ENCLOSURES SHALL BE NEMA TYPE 4 ALUMINUM ALLOY WEATHER PROOF BOX. THE ENTIRE FRONT SHALL BE A RIGID, HINGED DOOR OF THE SAME MATERIAL AND HAVE LOCKING PROVISIONS. THE CITY OF QUINCY SHALL PROVIDE A "MASTER" LOCK WITH KEY. MOUNTING HARDWARE SHALL BE CORROSION RESISTANT AND NO HARDWARE SHALL PROTRUDE THROUGH THE BACK OF THE ENCLOSURE.
3. CONTROL CABINET SHALL HAVE MINIMUM INSIDE DIMENSIONS OF 18" X 12" X 6". CABINET AND MATERIALS SHALL COMPLY WITH SECTION 1086 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. SELECTOR SWITCH SHALL HAVE MARKED POSITIONS WITH METAL OR ENGRAVED PLASTIC NAME PLATE AS SHOWN.



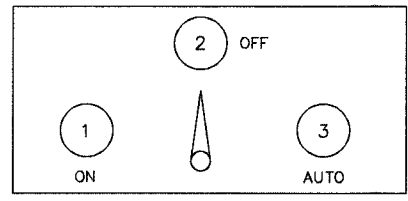
PHASE Ø	I	II	III	IV	V	VI	VII	VIII
MOVEMENT		←				→		
CONCURRENT MOVEMENT PERMITTED		6				2		4



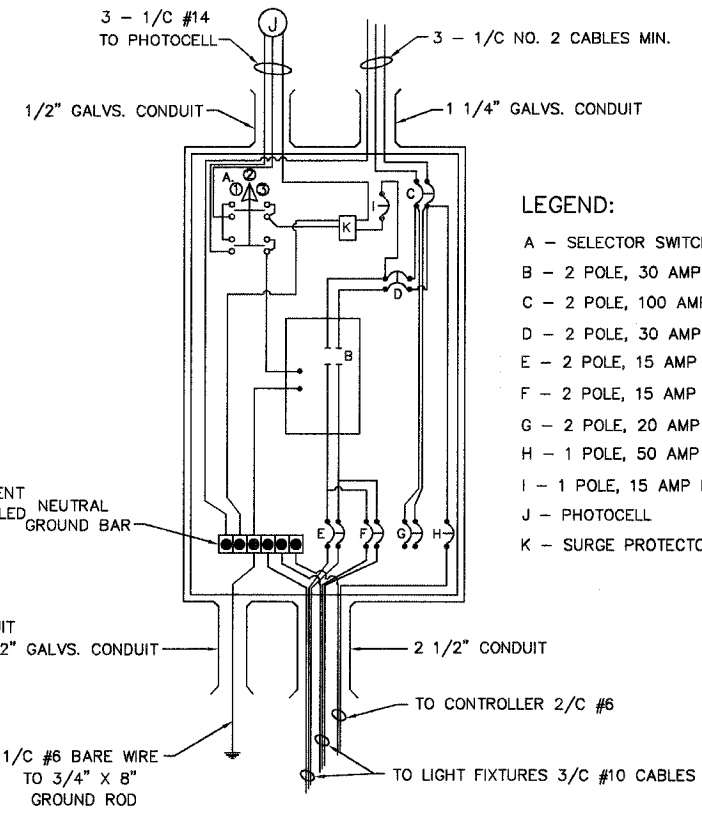
PHASE DESIGNATION DIAGRAM



SERVICE POLE



SELECTOR SWITCH PANEL (NOTE 3)



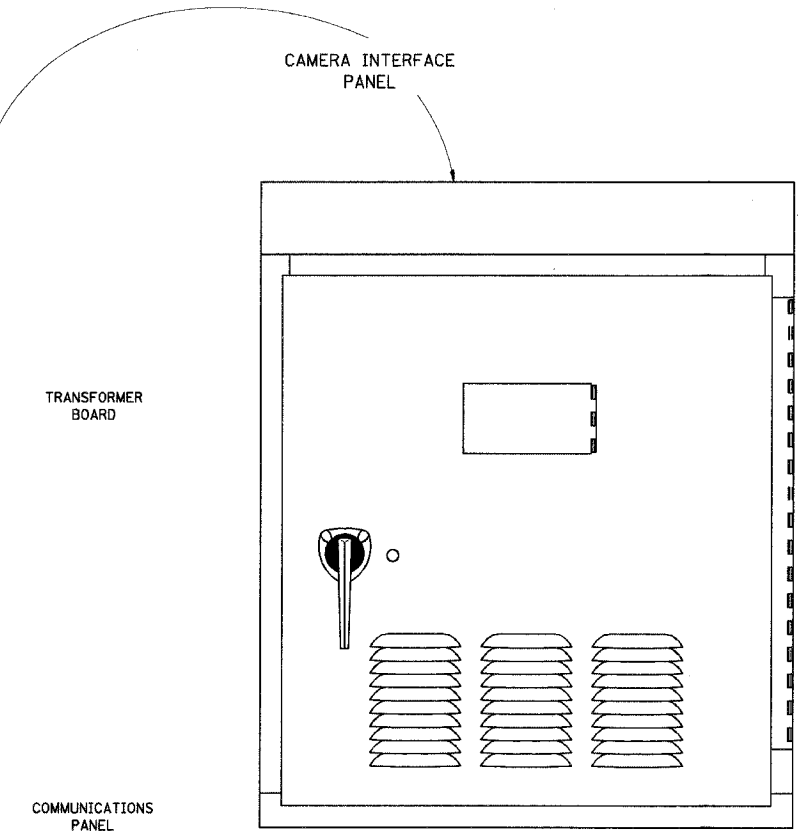
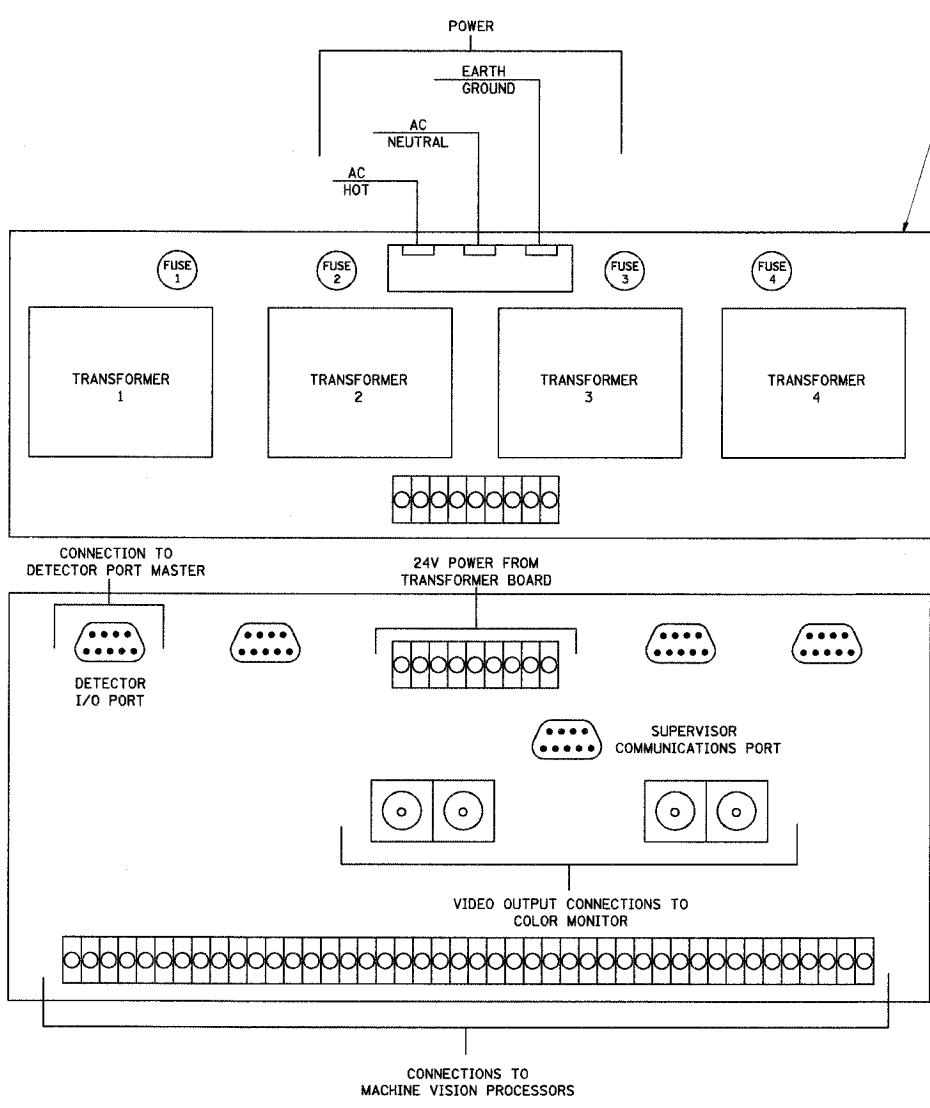
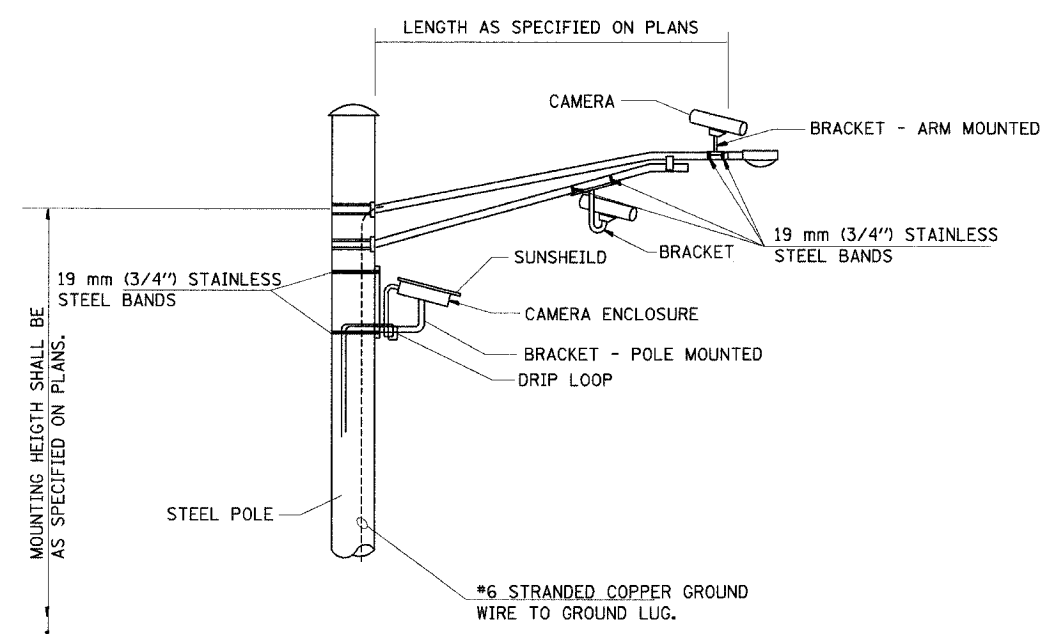
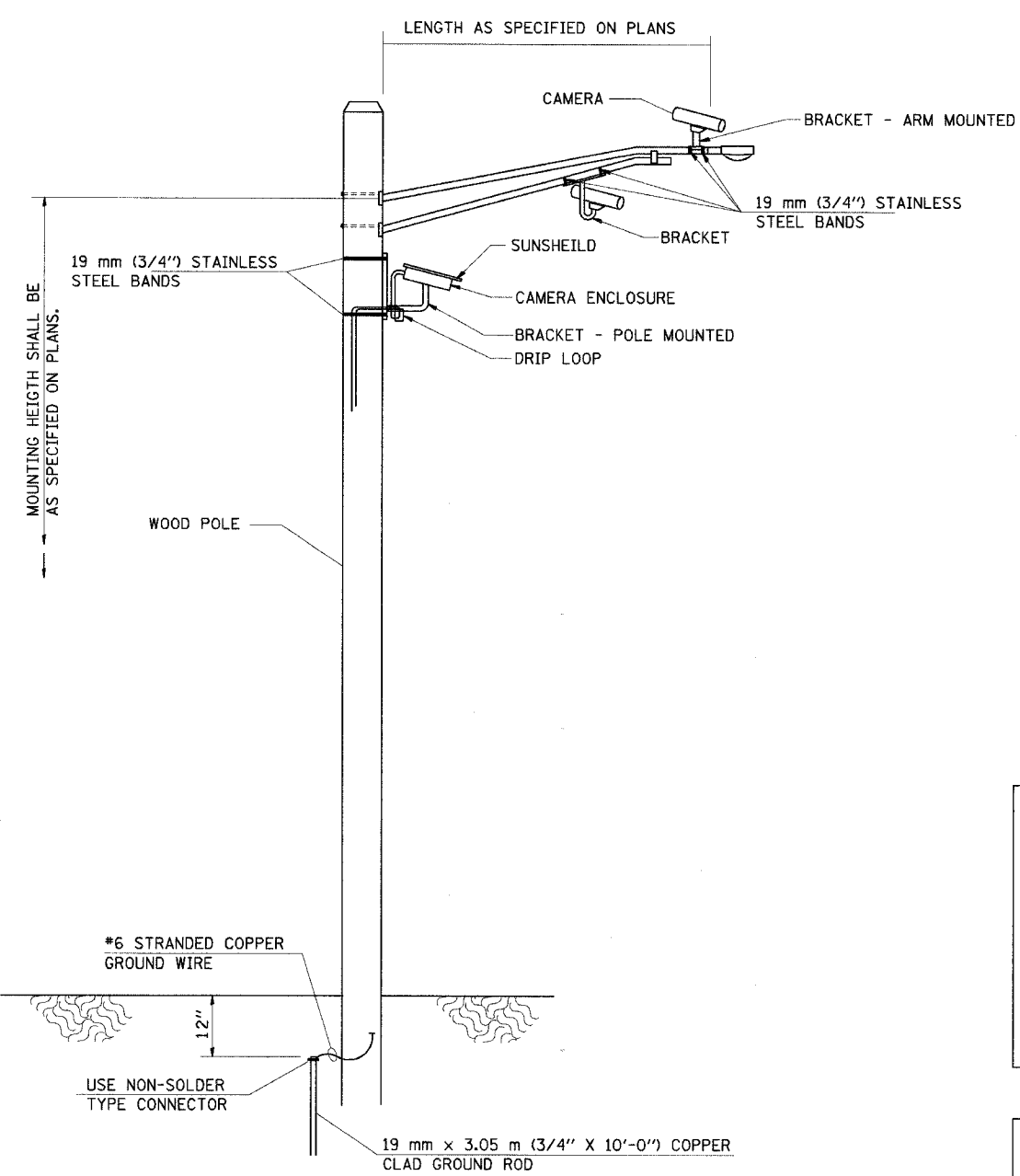
CONTACTOR AND SWITCHING ENCLOSURE

REVISIONS		
NO.	NAME	DATE
1	TITLE BLOCK - SEB	9/26/05

TEMPORARY TRAFFIC SIGNALS & SERVICE INSTALLATION DETAILS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

SCALE: 1"=20'
DATE 9/12/05
DRAWN BY SEB
CHECKED BY SRW

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED OR POLE MOUNTED CAMERA**

REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	

TRAFFIC SIGNAL - VIDEO
DETECTION SYSTEM DETAILS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

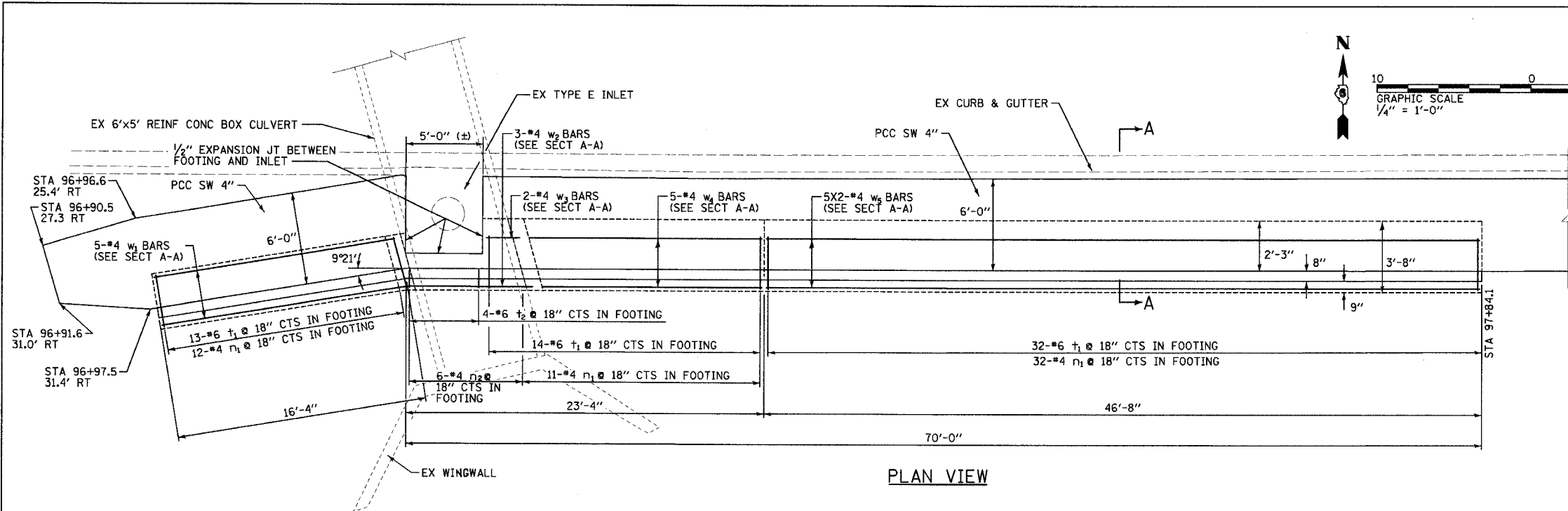
SCALE: NONE
DATE: 9/12/05

DRAWN BY: IDOT
CHECKED BY: SRW

3/6/2006

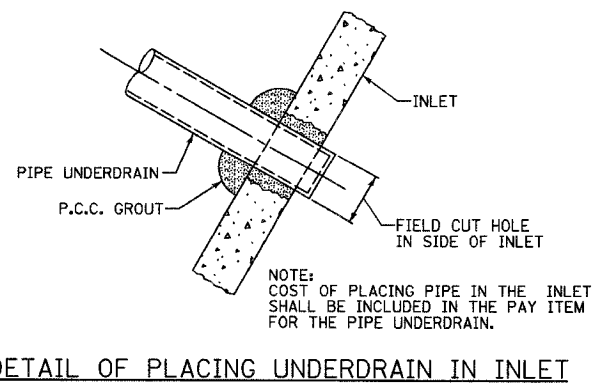
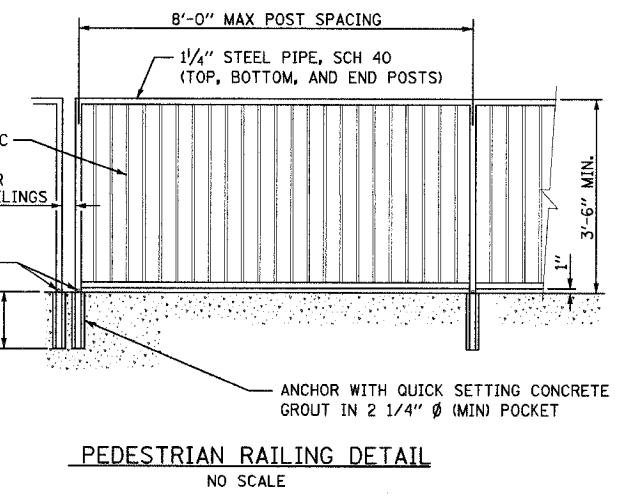
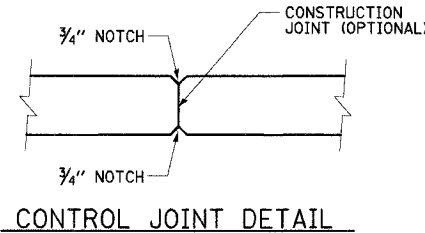
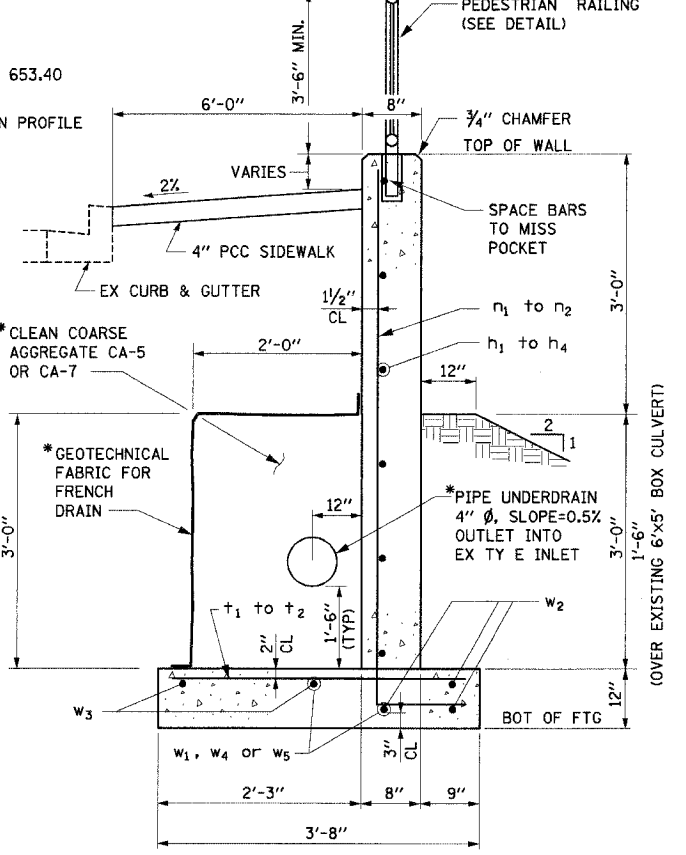
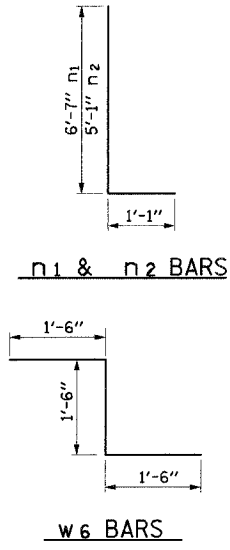
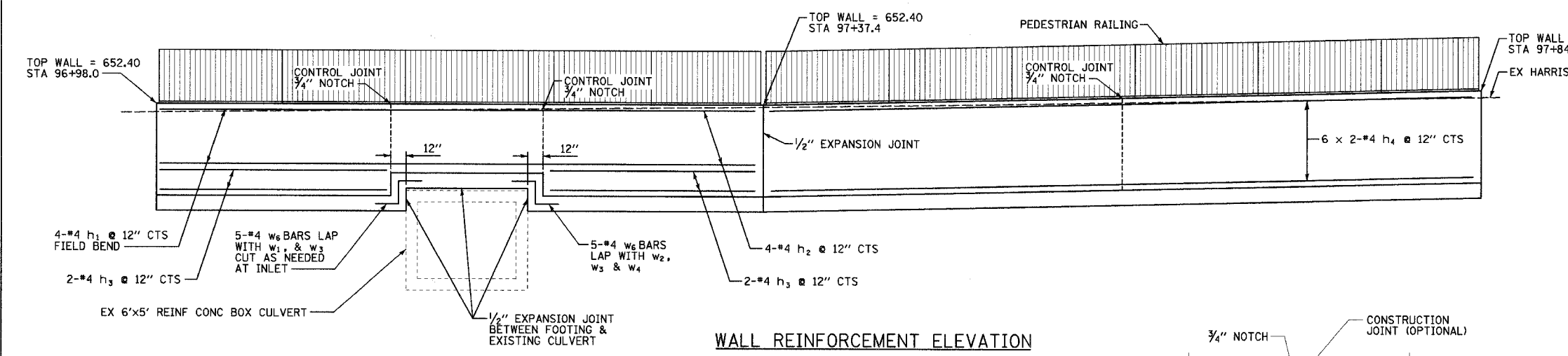
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



RETAINING WALL BILL OF MATERIAL

BAR NO.	SIZE	LENGTH (ft)	SHAPE
W1	#4	15'-9"	
W2	#4	8'-8"	
W3	#4	3'-0"	
W4	#4	15'-8"	
W5	#4	24'-1"	
W6	#4	4'-6"	
T1	#6	3'-4"	
T2	#6	1'-11"	
n1	#4	7'-8"	
n2	#4	6'-2"	
h1	#4	20'-7"	
h2	#4	20'-7"	
h3	#4	15'-9"	
h4	#4	24'-3"	
REINFORCEMENT BARS			POUND 1280
CONCRETE STRUCTURE			CU YD 24.0
PIPE UNDERDRAINS 4"			FOOT 82
PEDESTRIAN RAILING			FOOT 86



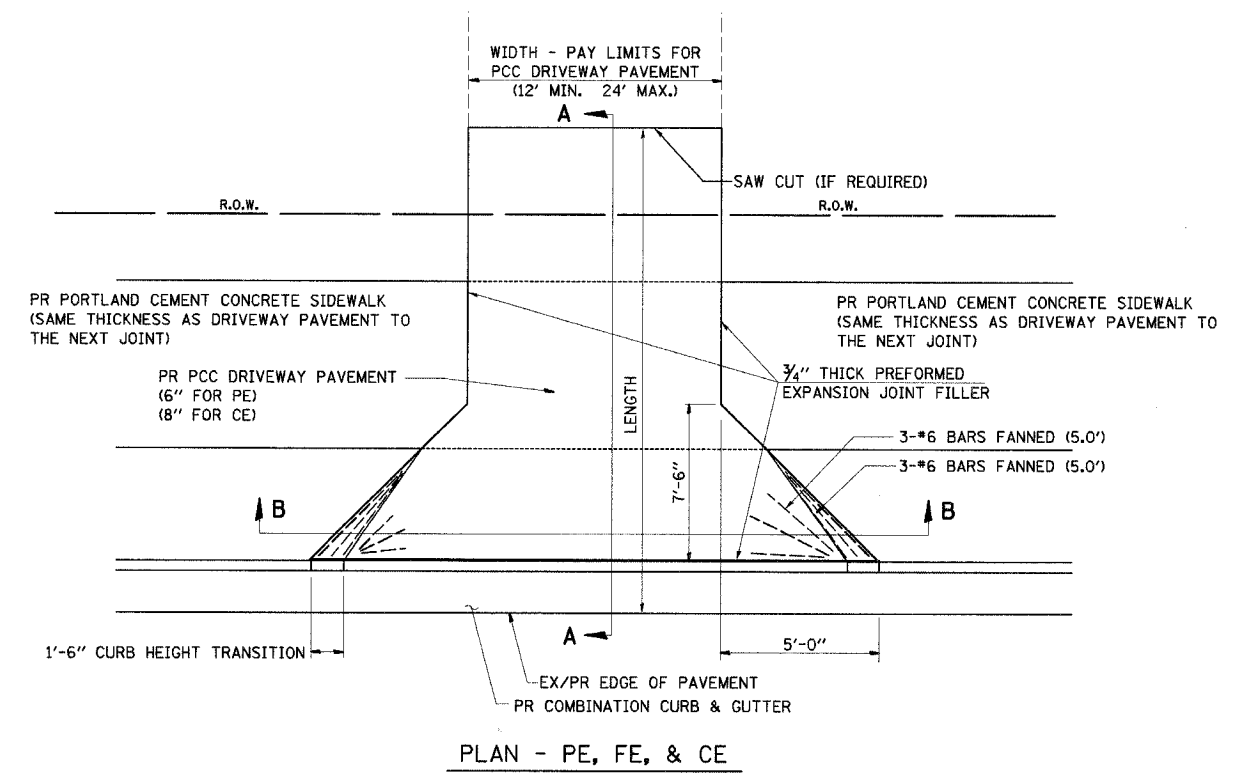
- NOTES:**
- * COST OF PERFORATED DRAIN PIPE, COARSE AGGREGATE, AND GEOTECHNICAL FABRIC SHALL BE INCLUDED WITH THE PAY ITEM PIPE UNDERDRAIN 4".
 - MINIMUM LAP #4 BAR = 1'-9"
 - EXPANSION JOINT SHALL BE MADE WITH PREFORMED JOINT FILLER.
 - REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31 OR M-322 GRADE 60.
 - BARS INDICATED THUS 12 x 4-#5 @c. INDICATES 12 LINES OF BARS WITH 4 LENGTHS PER LINE.
 - ALL CONSTRUCTION JOINTS SHALL BE BONDED.

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
NOTE 3 - SEB	3/6/06

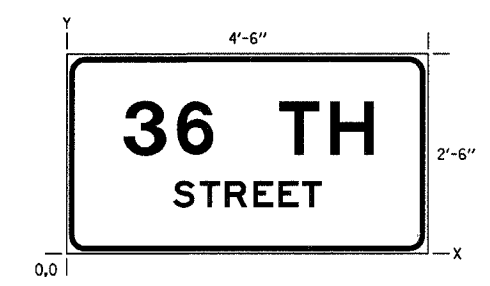
MISCELLANEOUS DETAILS
 RETAINING WALL - HARRISON ST.
 FAU 7814 (HARRISON STREET)
 SECTION 05-00186-01-PV
 ADAMS COUNTY
 SCALE: AS SHOWN
 DATE: 9/12/05
 DRAWN BY: SEB/BDJ
 CHECKED BY: ADL

3/12/2005
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGN DETAIL
SCALE: NONE

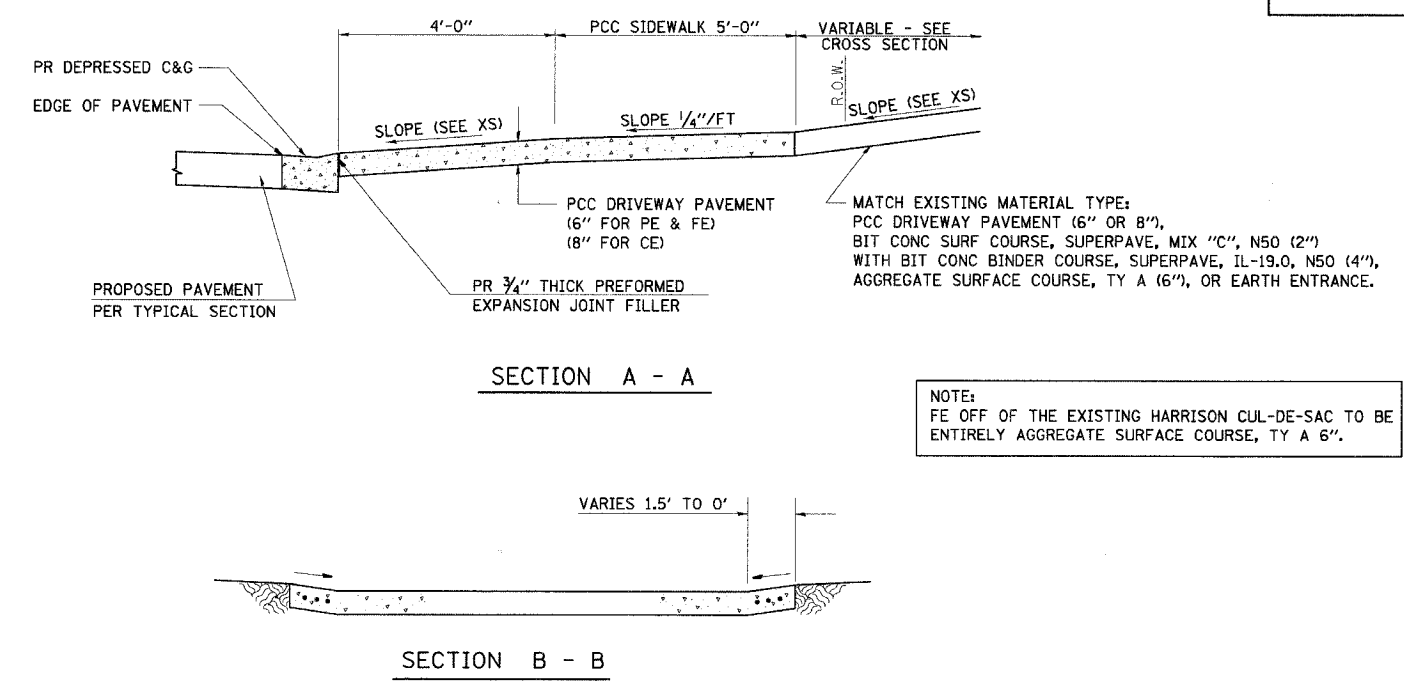


SIGN NUMBER	ESIGN001
WIDTH x HEIGHT	4'-6" x 2'-6"
BORDER WIDTH	0.8"
CORNER RADIUS	2.4"
MOUNTING	OVERHEAD
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT

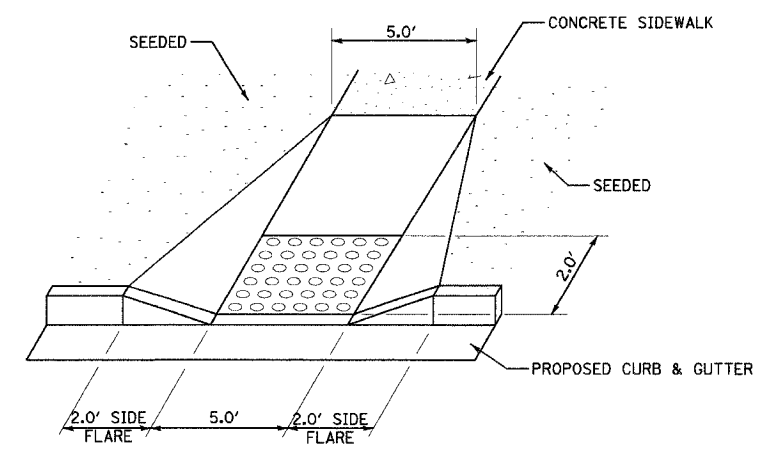
DIMENSIONS IN INCHES COORDINATES ARE TO LOWER LEFT CORNERS

Y FONT	LETTER POSITIONS (X)											HT LEN					
14.9	3	6	T	H													8.0
E	8.1	16.2	31.7	39.3													37.7
7.0	S	T	R	E	E	T											3.9
E	15.9	19.9	23.6	27.9	31.6	35.1											22.2



NOTE:
FE OFF OF THE EXISTING HARRISON CUL-DE-SAC TO BE ENTIRELY AGGREGATE SURFACE COURSE, TY A 6\"/>

- NOTES:
1. THE COST OF FURNISHING AND INSTALLING THE 3/4\"/>



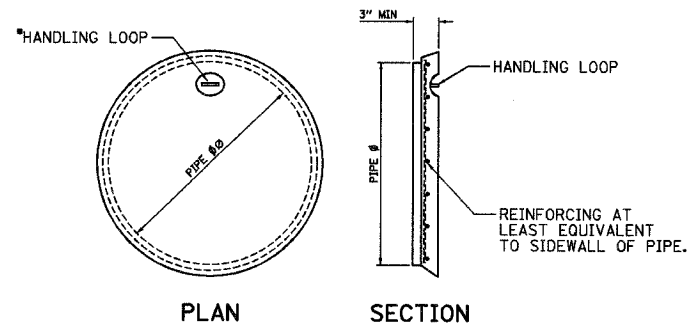
SIDEWALK RAMP AT SIDE ROADS
SEE STANDARD 424001-04 FOR ADDITIONAL DETAILS

REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05
MISSING DIM - SEB	3/6/06

MISCELLANEOUS DETAILS
ENTRANCES, SW RAMPS & SIGNAGE
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY
SCALE: NONE DRAWN BY BDJ
DATE 9/12/05 CHECKED BY SRW

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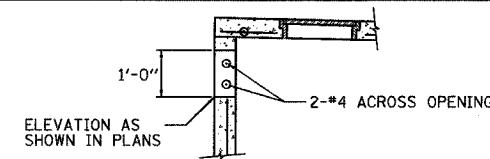
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
7814	05-00186-01-PV	ADAMS	78 43
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



*THE HANDLING LOOP MAY BE OMITTED WHEN THE CAP IS PLACED IN A BURIED INSTALLATION.

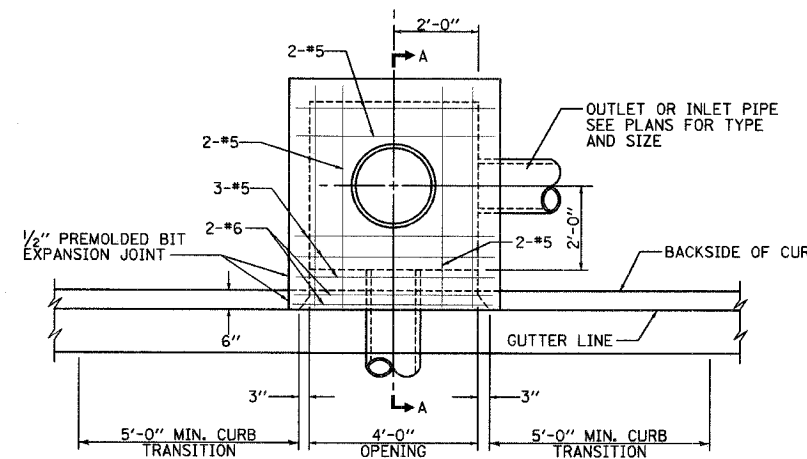
COST OF FURNISHING AND INSTALLING CONCRETE PIPE TEE PLUG TO BE INCLUDED IN THE PAY ITEM "PIPE TEE" OF THE SIZE SPECIFIED.

DETAILS OF CONCRETE PIPE TEE PLUG



COST TO PROVIDE OPENING IN INLET TO BE INCLUDED IN THE COST OF THE PAY ITEM "INLET, SPECIAL, TYPE E"

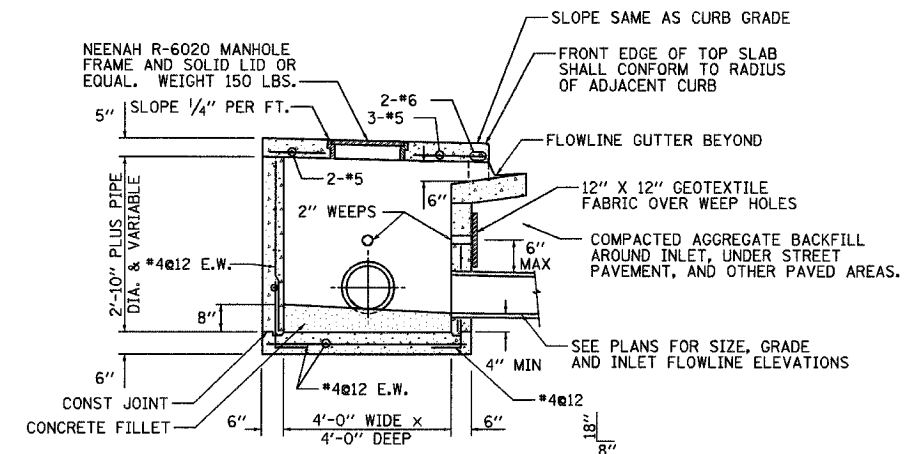
4'-0" X 1'-0" OPENING DETAIL
TYPE E INLET @ EX HARRISON STA 105+06 RT



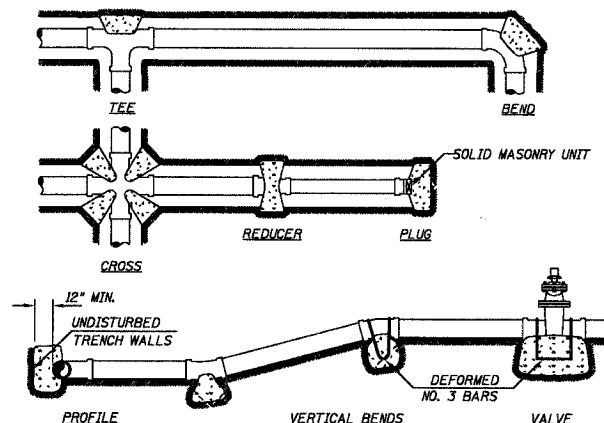
PLAN

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

INLET, SPECIAL, TYPE E
NOT TO SCALE



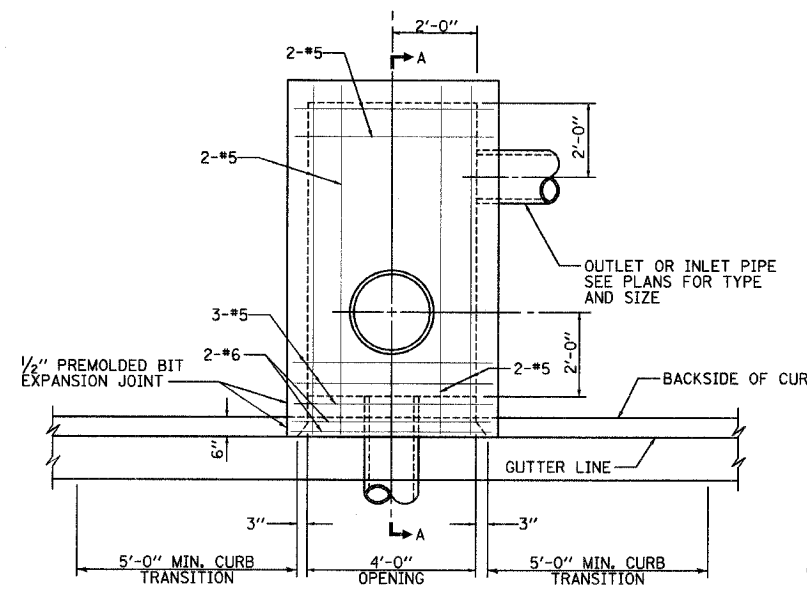
SECTION A-A



PIPE DIA.	BENDS		REDUCER	CROSS, TEE, PLUG AND VALVE
	11 1/4° & 22 1/2°	45° 90°		
2"	0.25	0.5	1	0.25
4"	0.5	1	2	0.75
6"	1	2	4	1.75
8"	2	4	7	2.75
10"	3	6	11.5	3.75
12"	4.5	9	16	4.75

1. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE = 3000 PSI.
2. DESIGN TEST PRESSURE = 100 PSI - 50% FOR IMPACT.
3. DESIGN SOIL BEARING CAPACITY = 2000 PSF.
4. CONCRETE FOR THRUST BLOCKS BASED ON SOIL HAVING A SAFE LOAD BEARING OF 2000 PSF. FOR SOFT SOIL, INCREASE BEARING AREA AND VOLUME OF THRUST BLOCK.

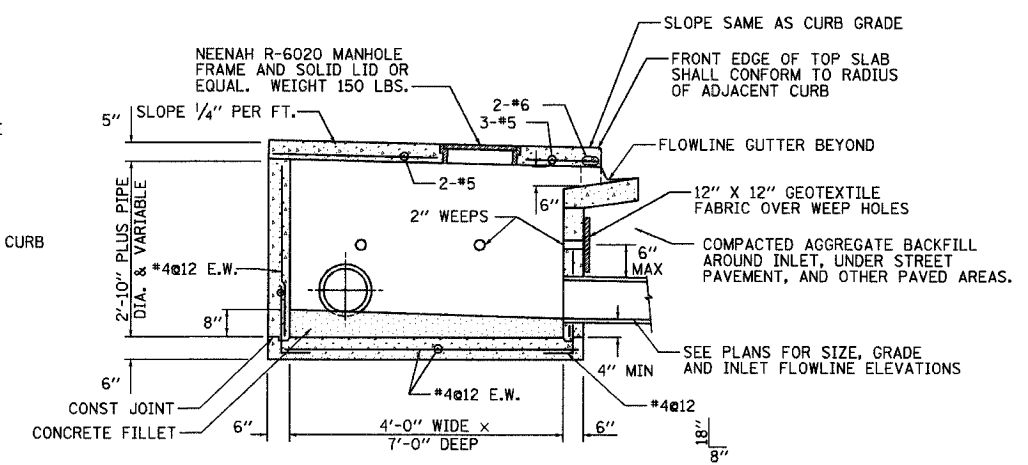
THRUST BLOCKS
NOT TO SCALE



PLAN

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

INLET, SPECIAL
NOT TO SCALE



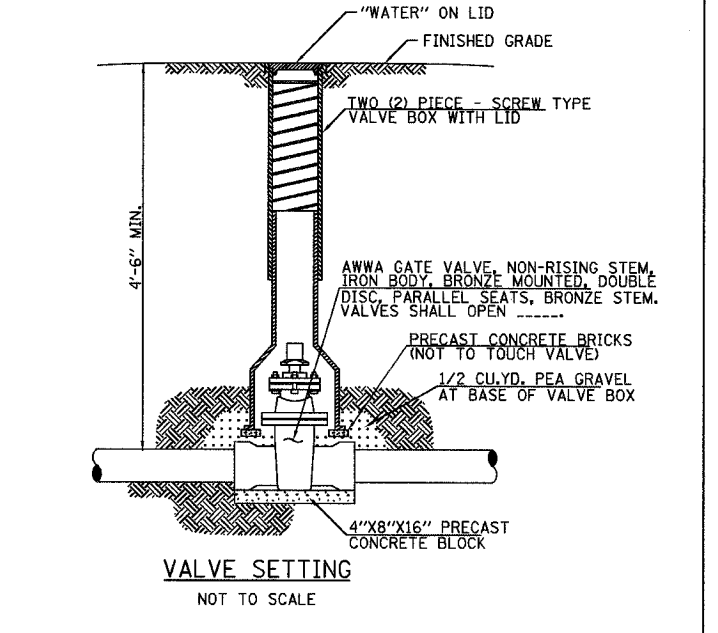
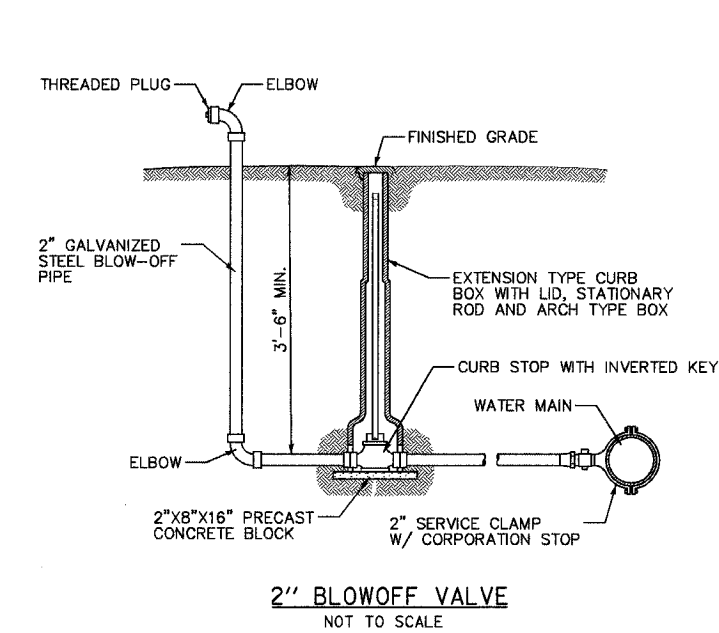
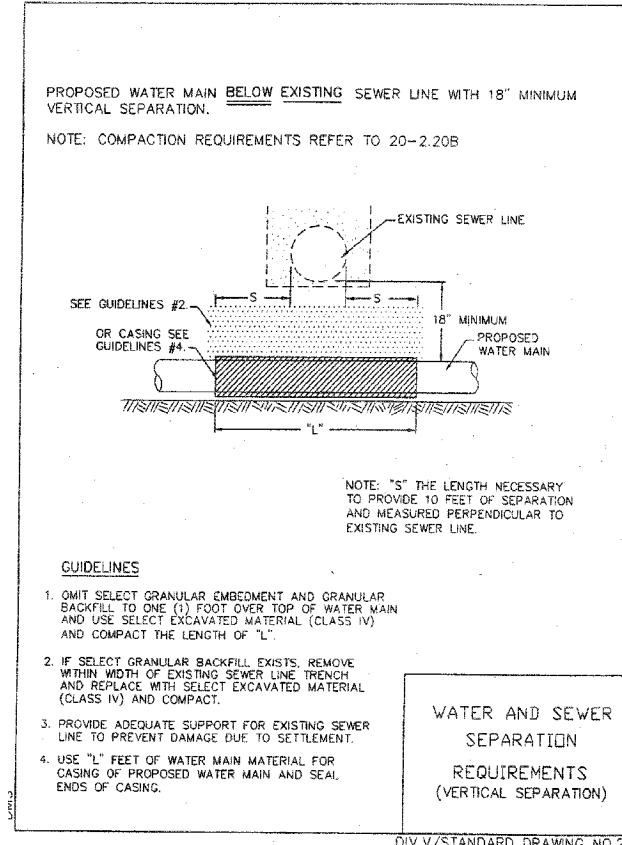
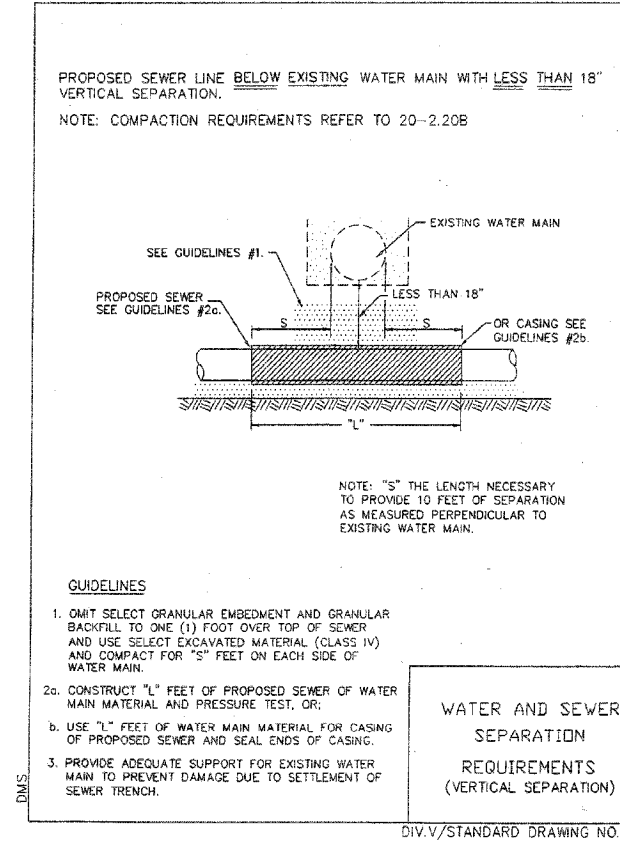
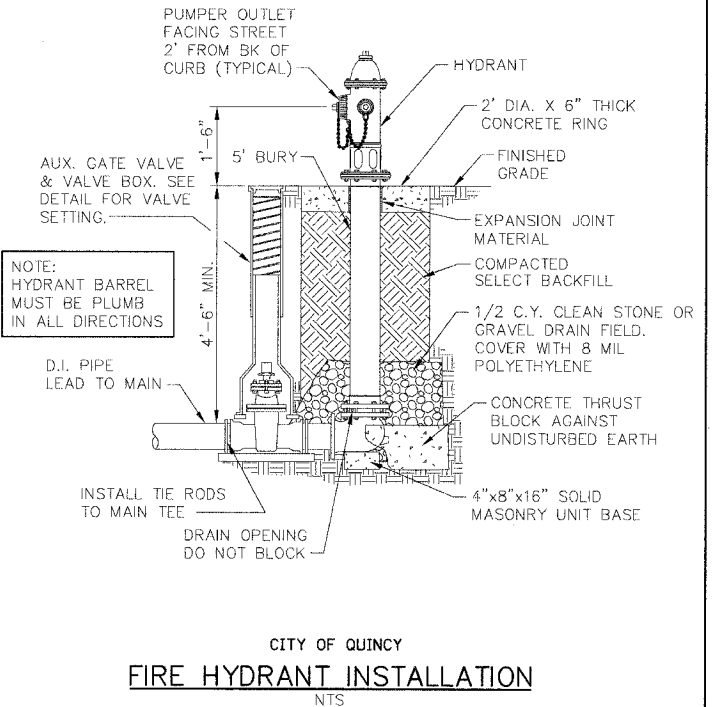
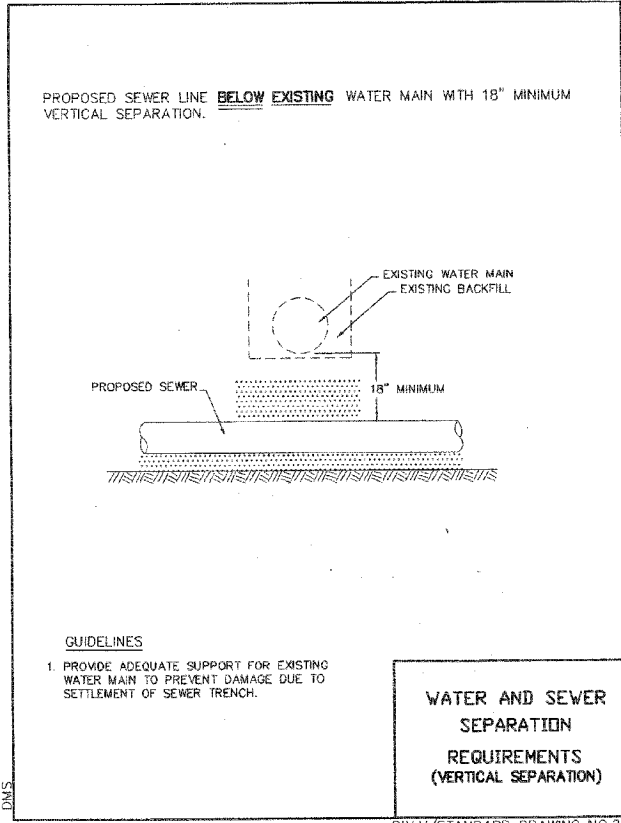
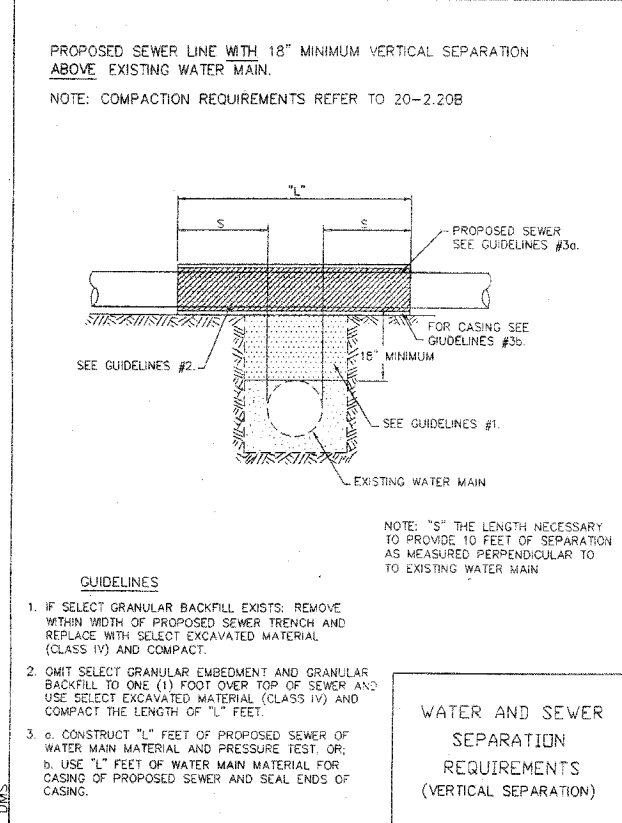
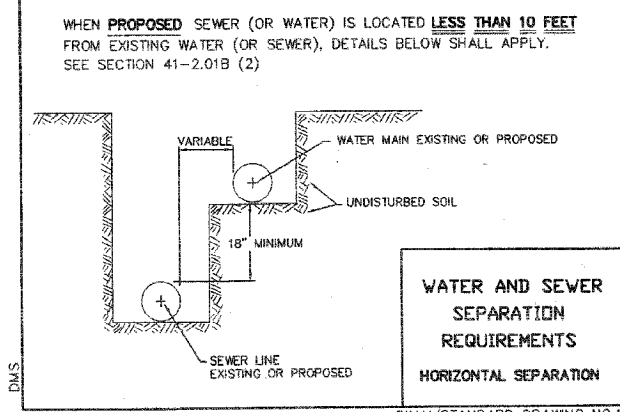
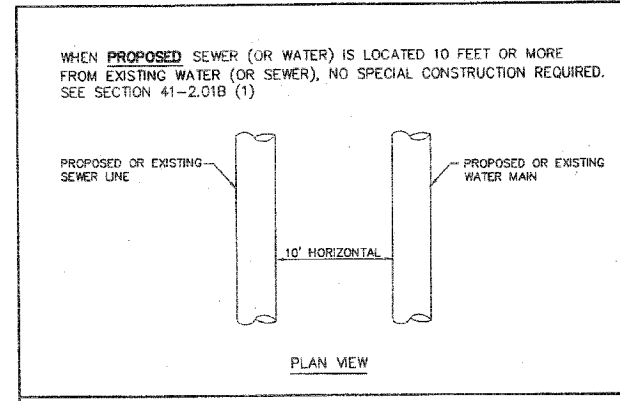
SECTION A-A

REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	
TY E OPENING - SEB	1/10/06	

MISCELLANEOUS DETAILS
DRAINAGE STRUCTURES
& THRUST BLOCKS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY
SCALE: NONE DRAWN BY SEB
DATE 9/12/05 CHECKED BY SRW

PA 041104 940534A Contract 143 040534a M022.DWG 3/15/2006

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



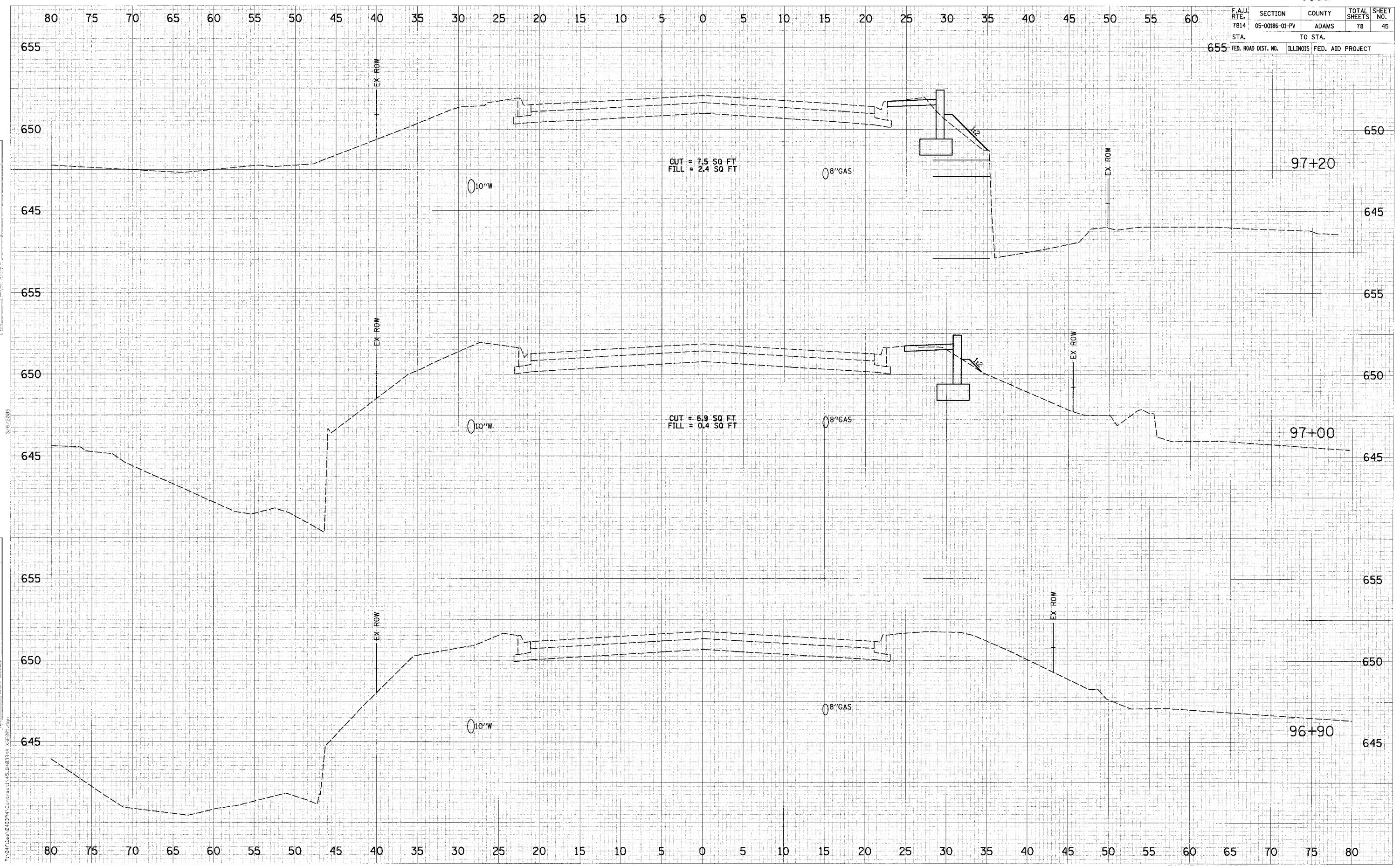
REVISIONS	
NAME	DATE
TITLE BLOCK - SEB	9/26/05

MISCELLANEOUS DETAILS
WATER DETAILS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY

SCALE: NONE
DATE: 9/12/05
DRAWN BY: SEB
CHECKED BY: SRW

3/26/2006
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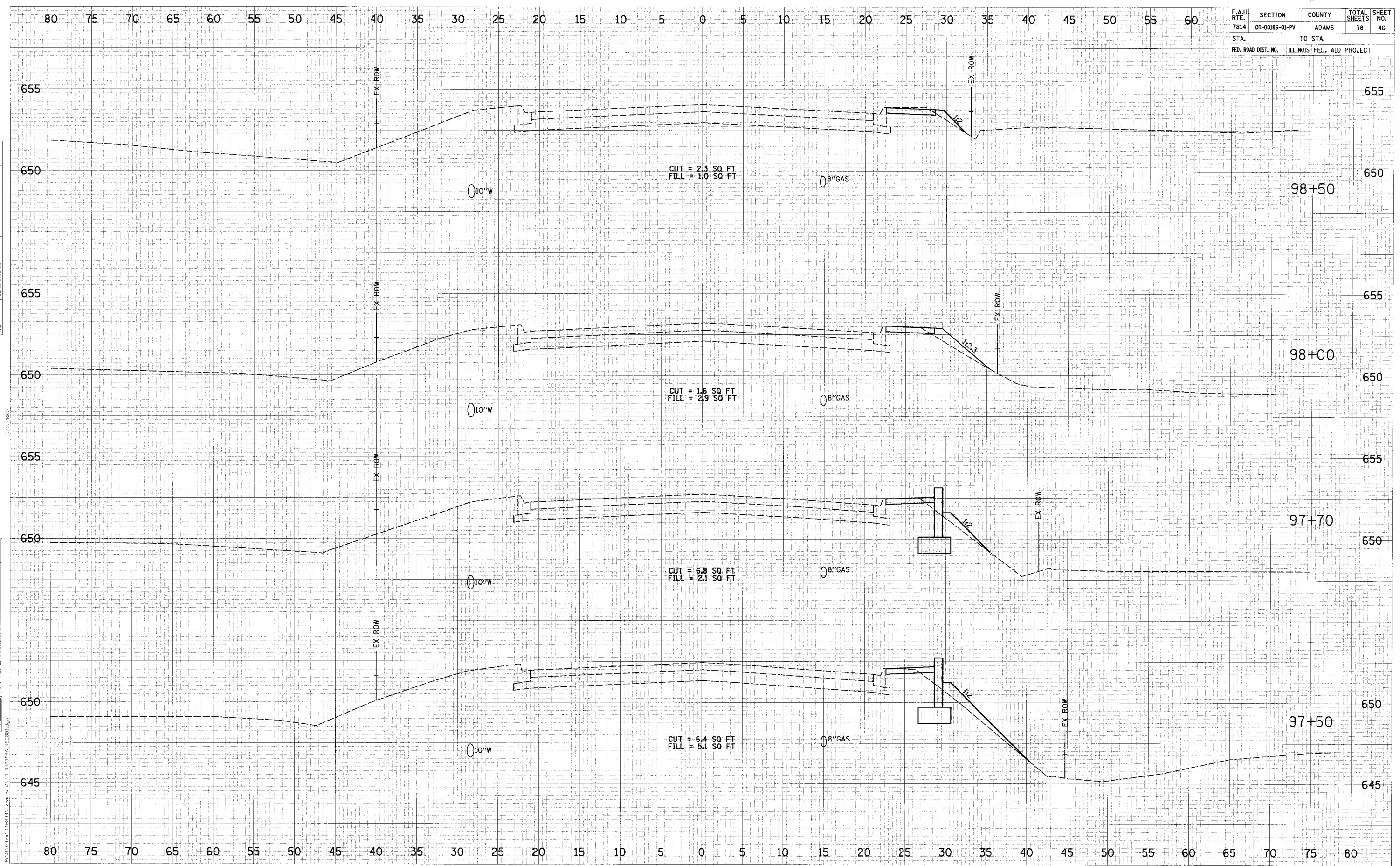
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	45
STA. 655		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



BY	DATE

BY	DATE

F.A.U. RTE. 7814	SECTION 05-00186-01-PV	COUNTY ADAMS	TOTAL SHEETS 78	SHEET NO. 46
STA. TO STA.		ILLINOIS FED. AID PROJECT		

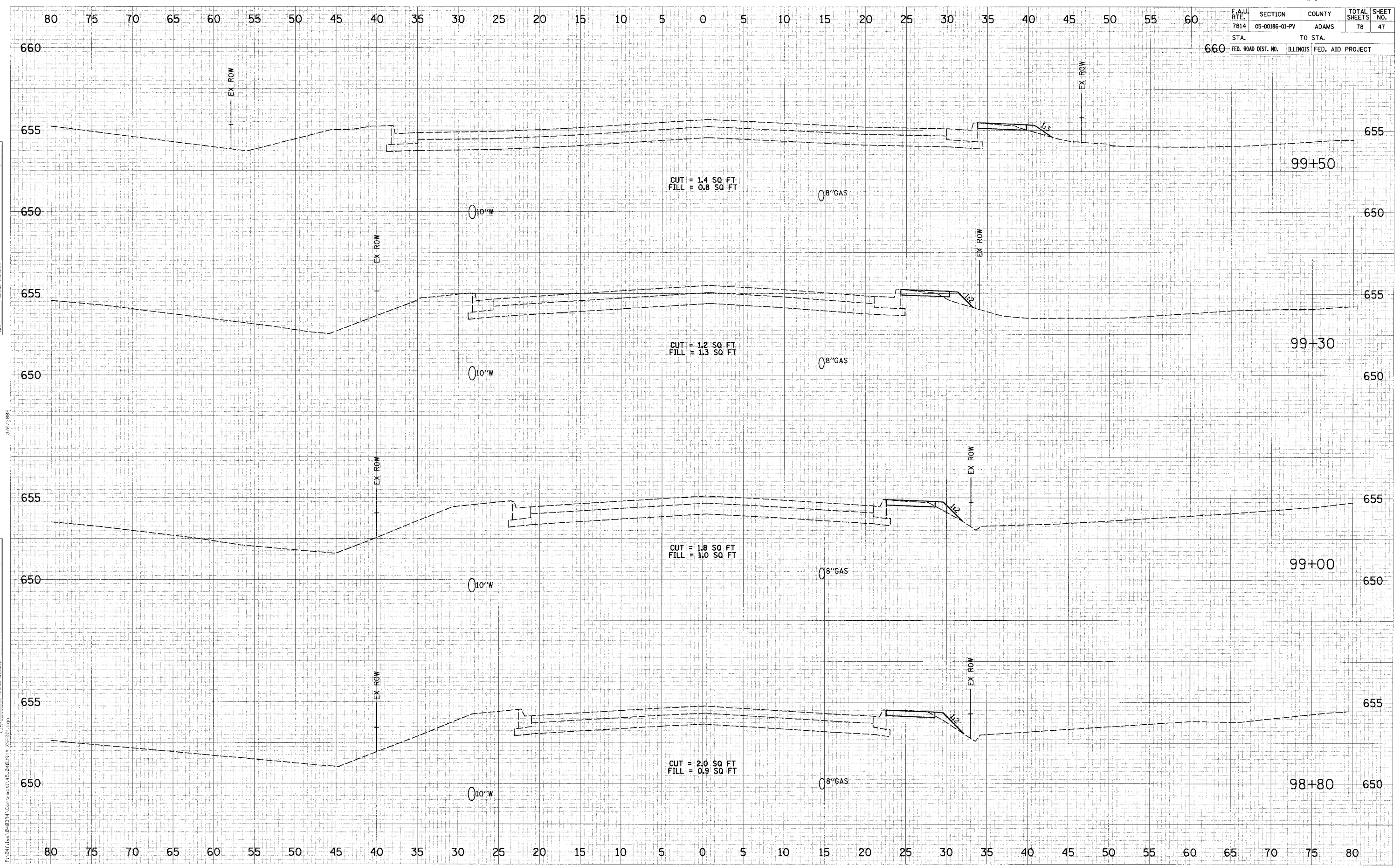


FILED	DATE
SURVEY	
NOTE BOOK	
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AREAS CHECKED	

BY	DATE

2/11/2005
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	47
STA. 660		TO STA. 660		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE

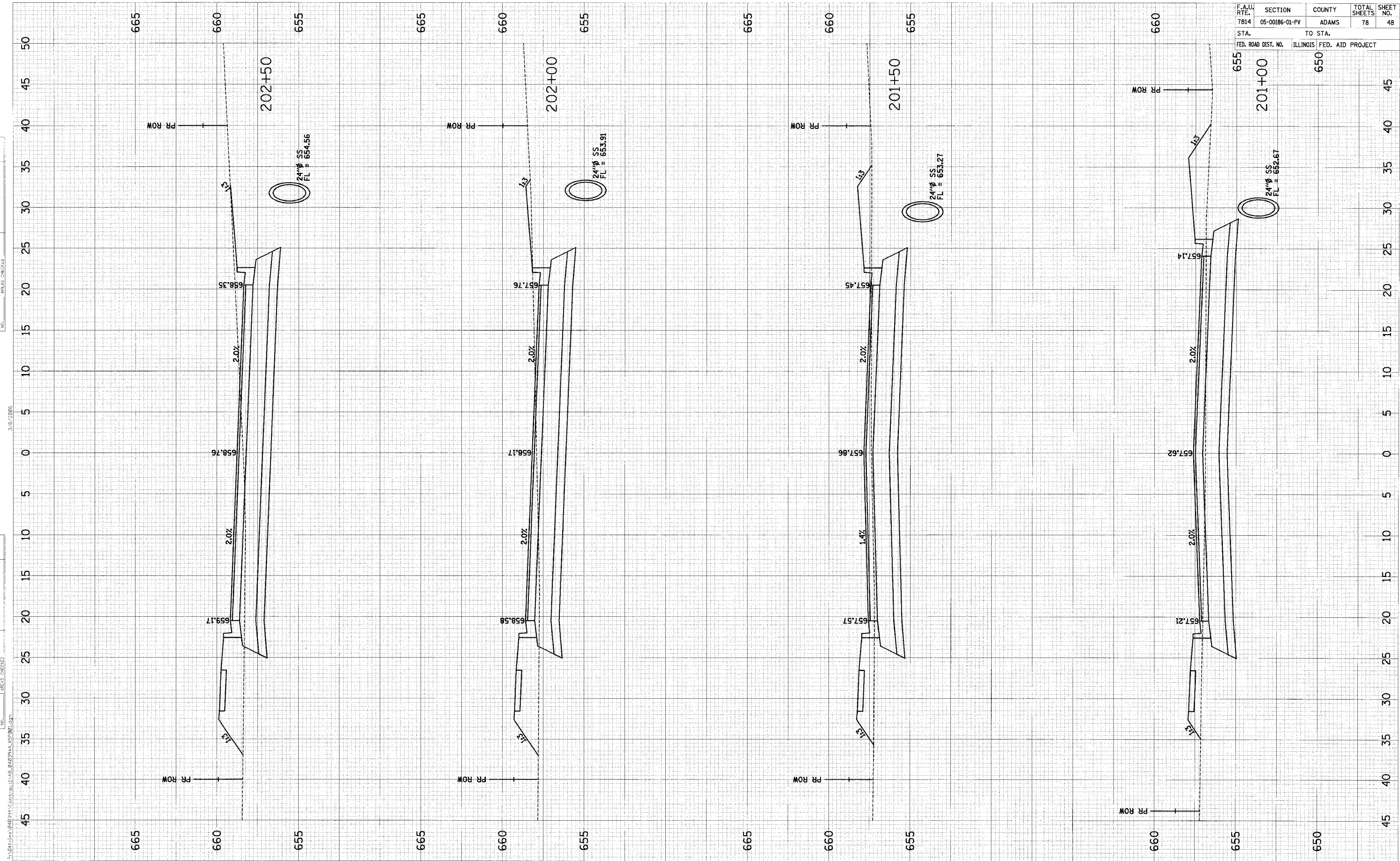
BY	DATE

88418

F.A.U. RTE. 7814	SECTION 05-00186-01-PV	COUNTY ADAMS	TOTAL SHEETS 78	SHEET NO. 48
STA. 655		TO STA. 650		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINL SURVEY	CHECKED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

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



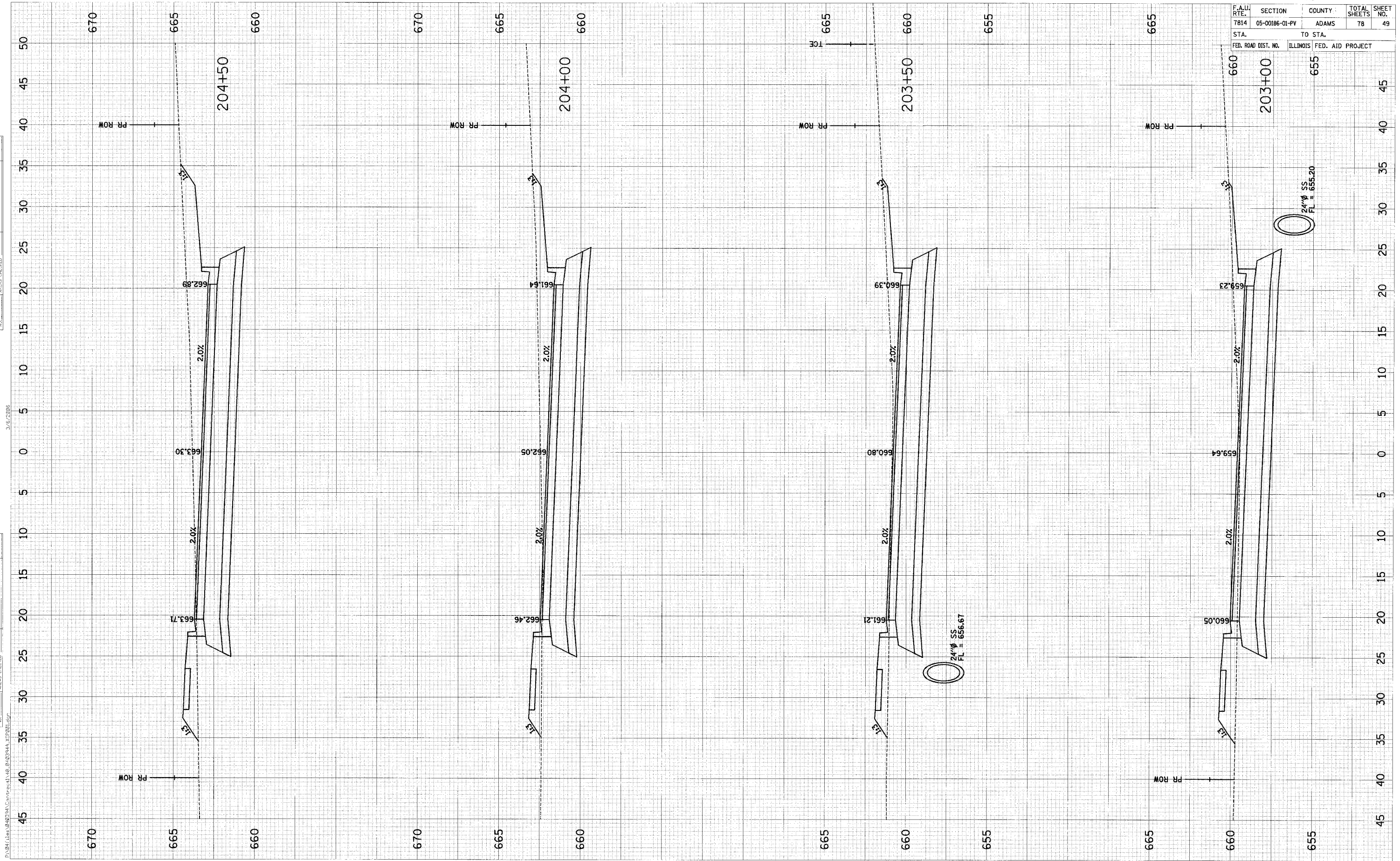
REV - SS LOCATION - 1/10/06

FAU 7814 (HARRISON) STA 201+00 TO STA 202+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
3/16/2006	
FILED	SURVEYED
NO.	AREAS CHECKED

DATE	BY
3/16/2006	
FILED	SURVEYED
NO.	AREAS CHECKED

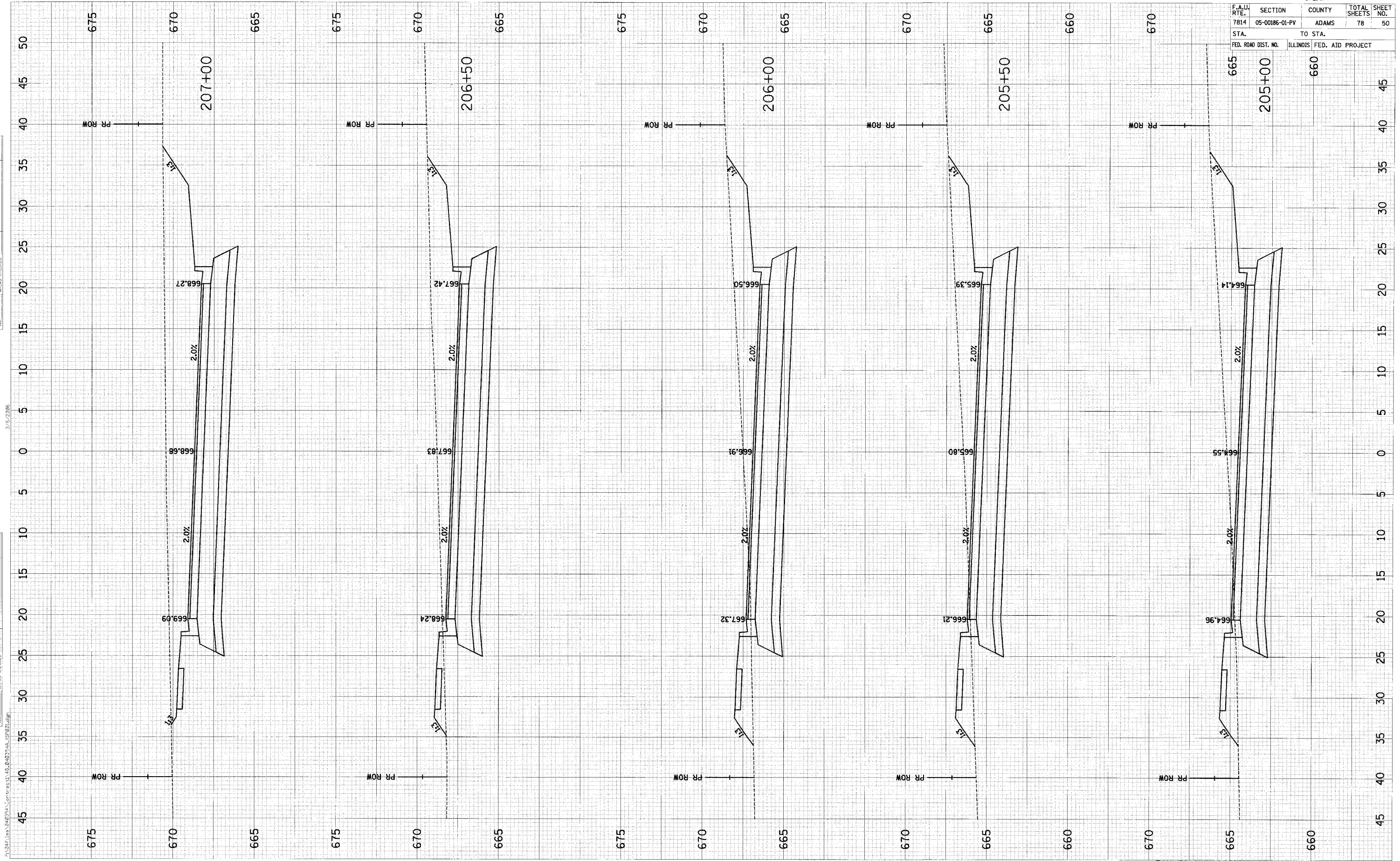


3/13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	DATE
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



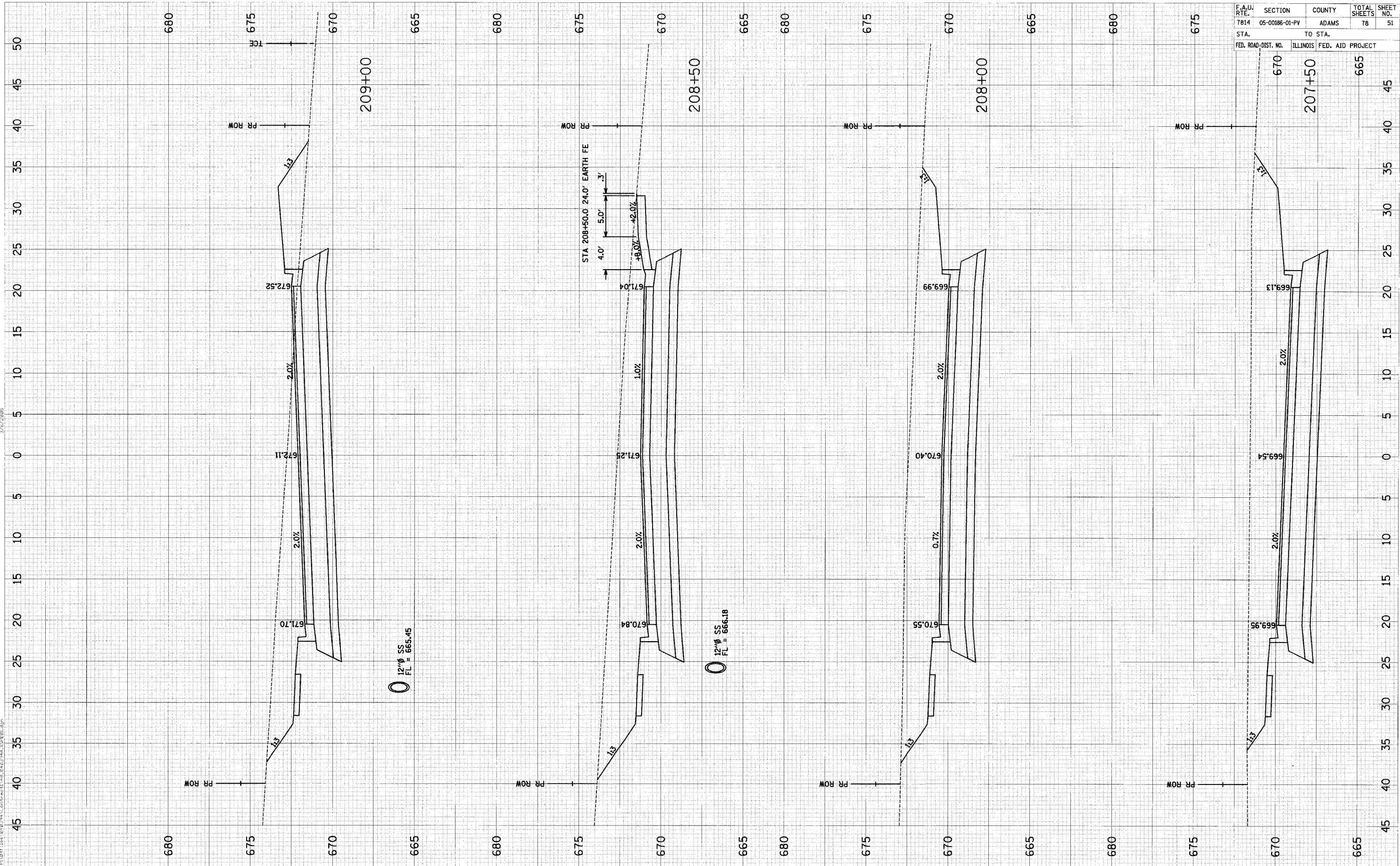
3/15/2006

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

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

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3/6/2006

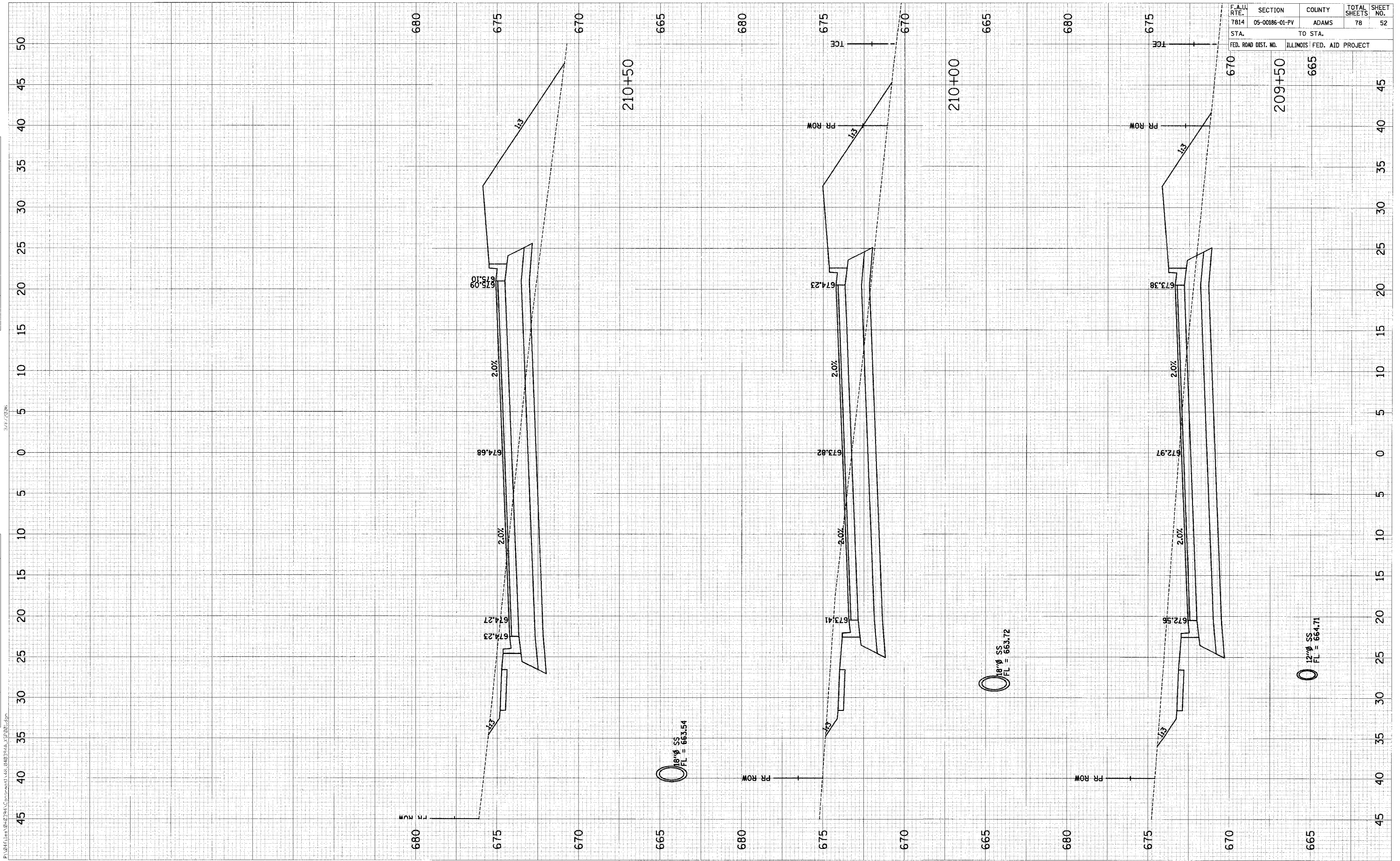


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	51
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY BY DATE
 SURVEYED SURVEY
 NOTE BOOK
 TEMPLAT
 AREAS
 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED SURVEY
 NOTE BOOK
 TEMPLAT
 AREAS
 AREAS CHECKED

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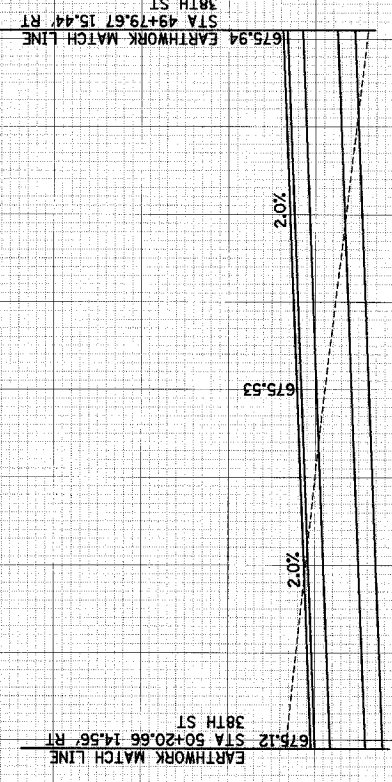
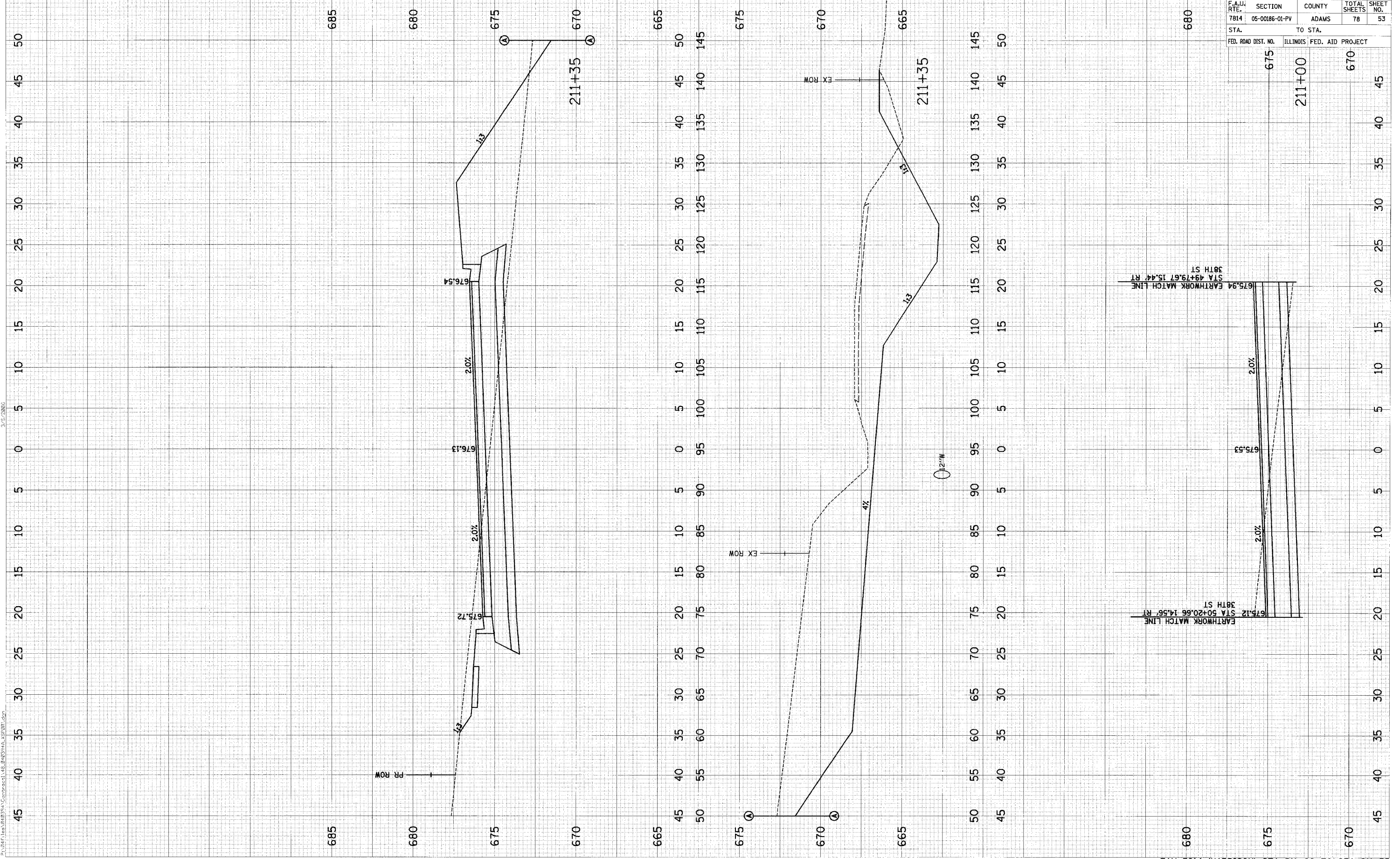


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	52
STA. 209+50		TO STA. 210+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	53
STA. 675		TO STA. 211+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
675		670		

DATE	BY

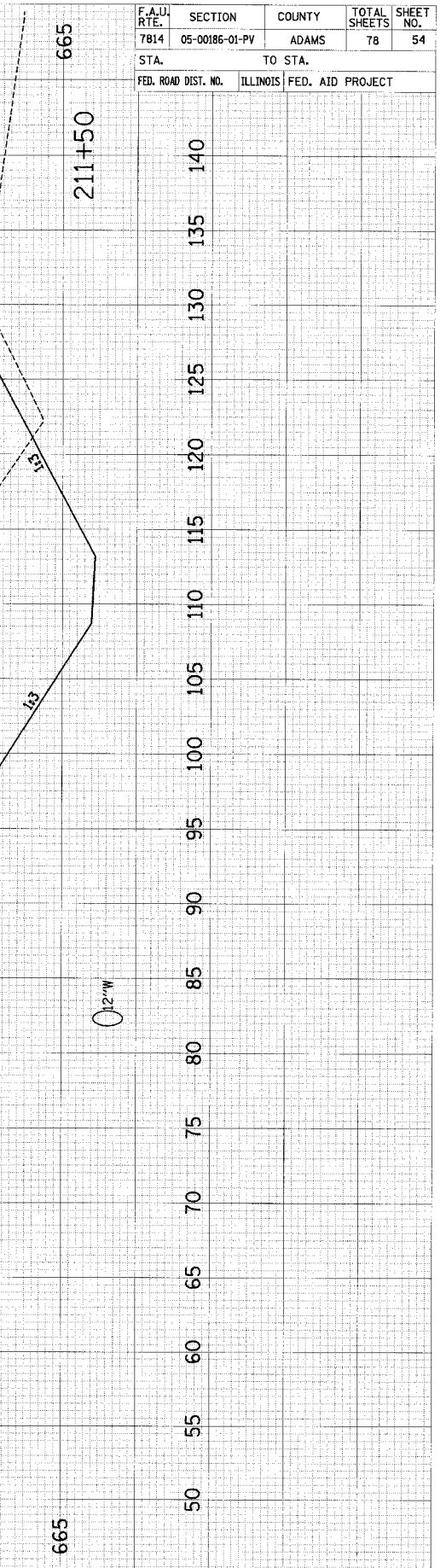
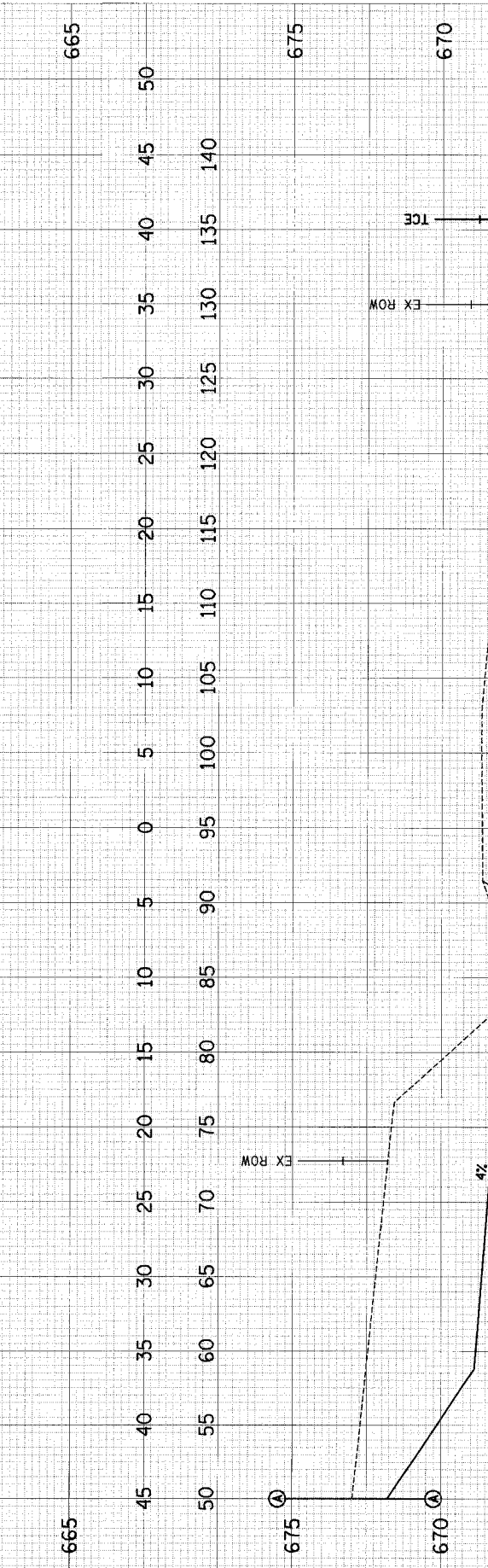
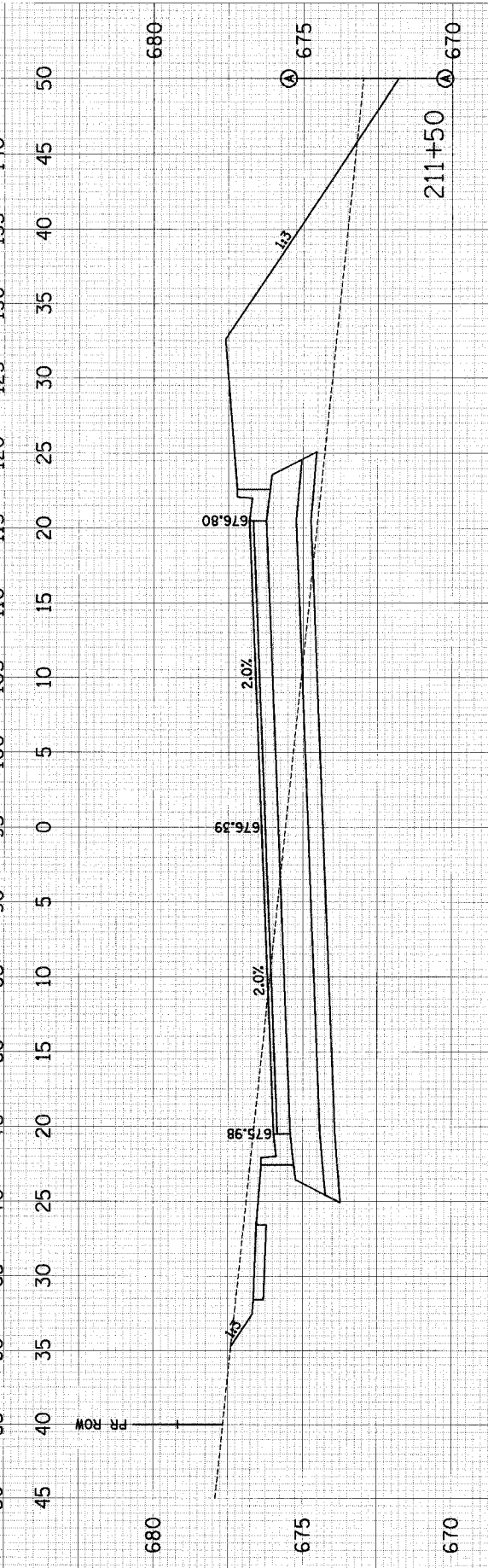
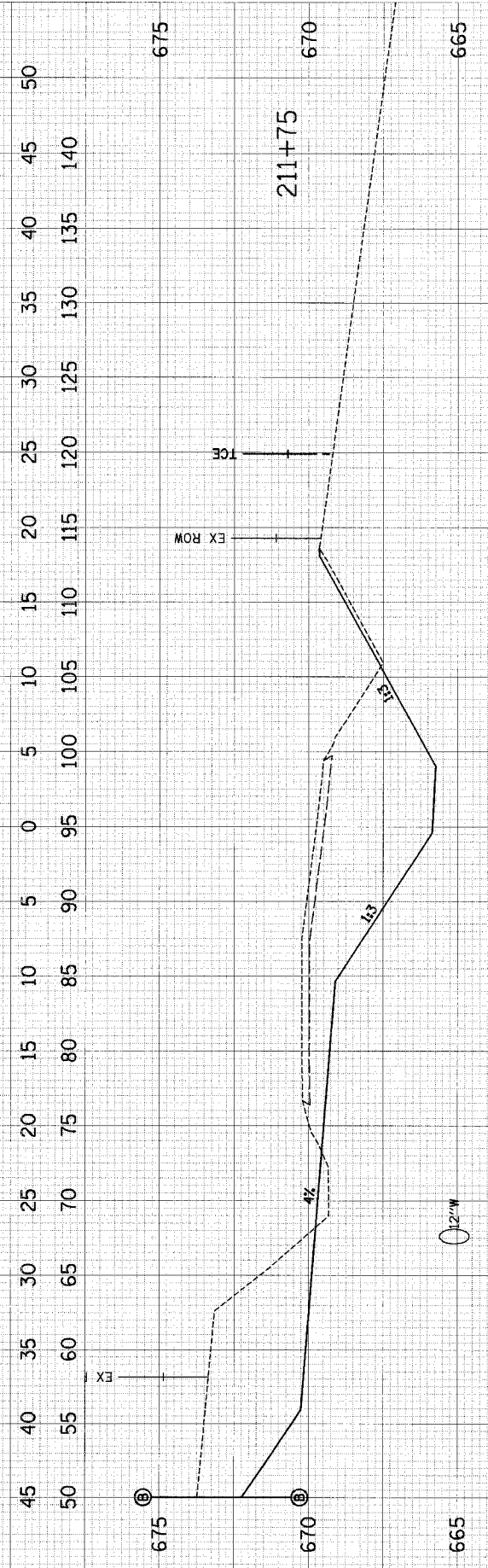
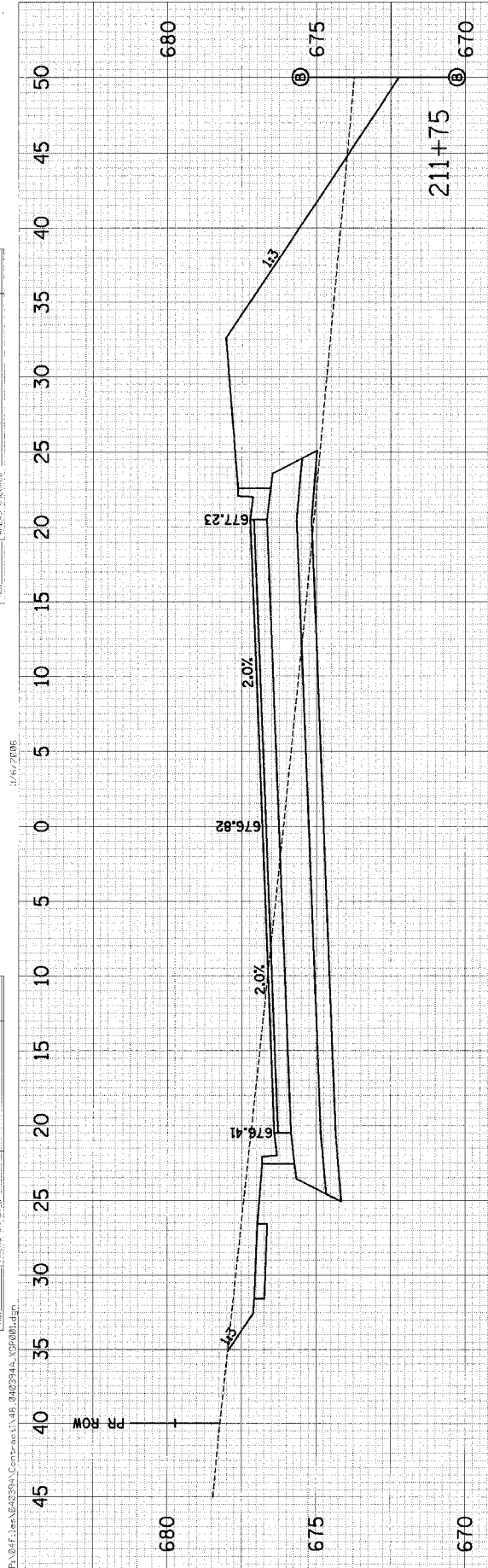
DATE	BY



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
BY	
NO. OF SHEETS	
DATE	
BY	
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DATE	
BY	

FINAL SURVEY	DATE
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NO. OF SHEETS	
DATE	
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DATE	
BY	



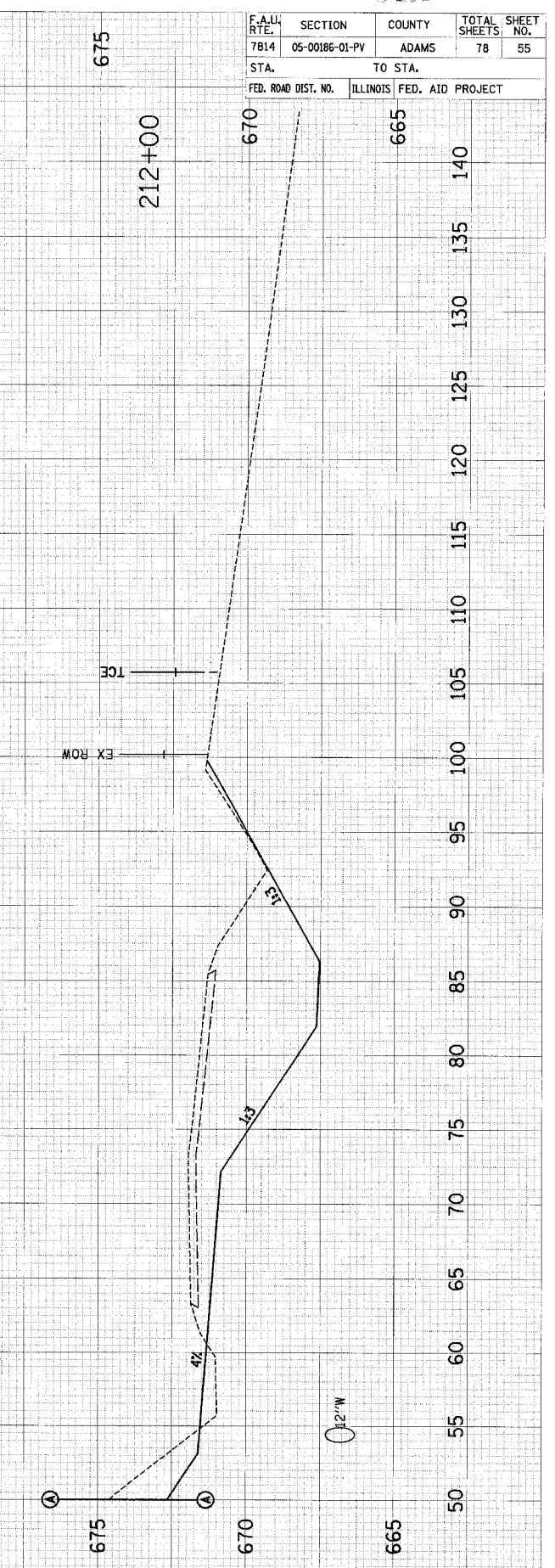
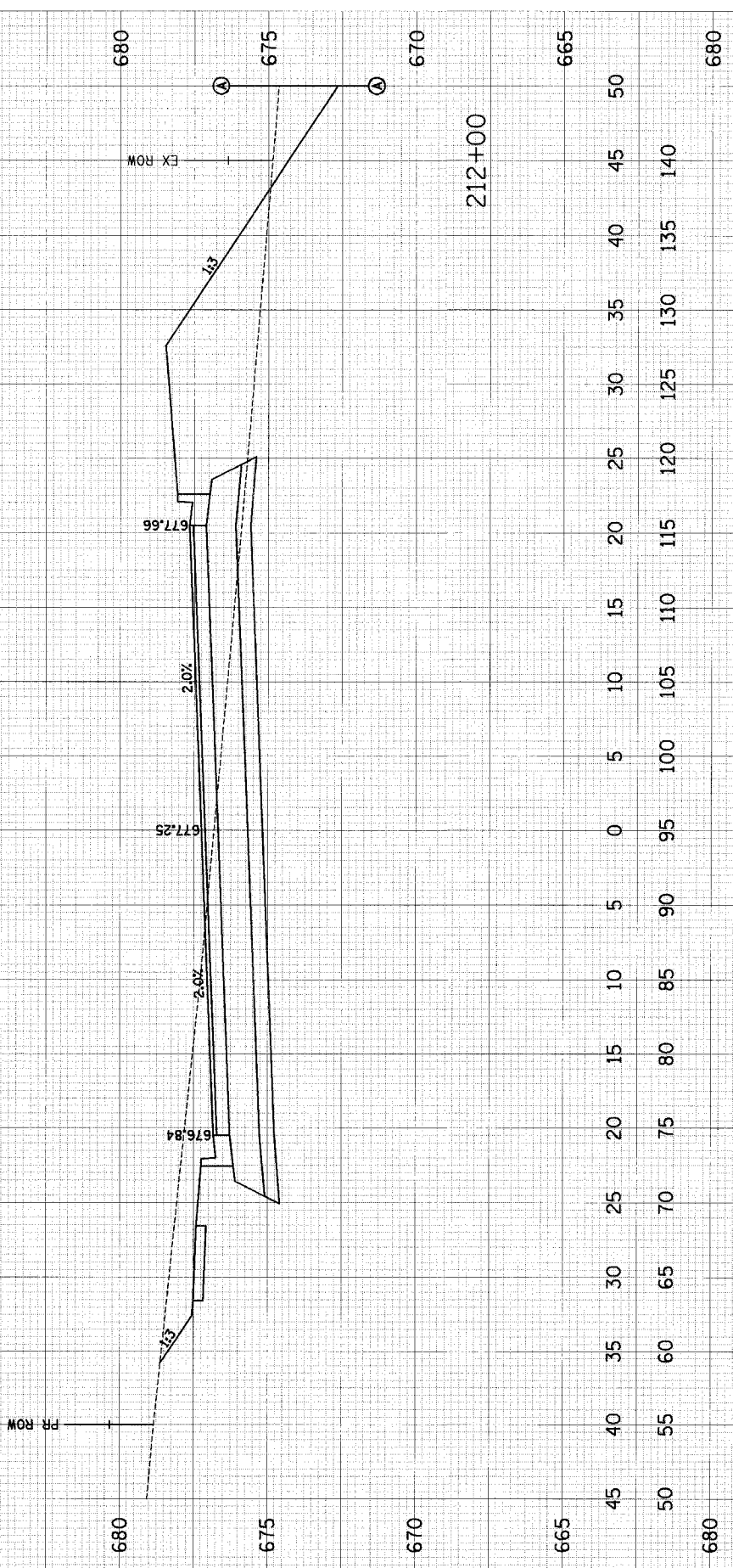
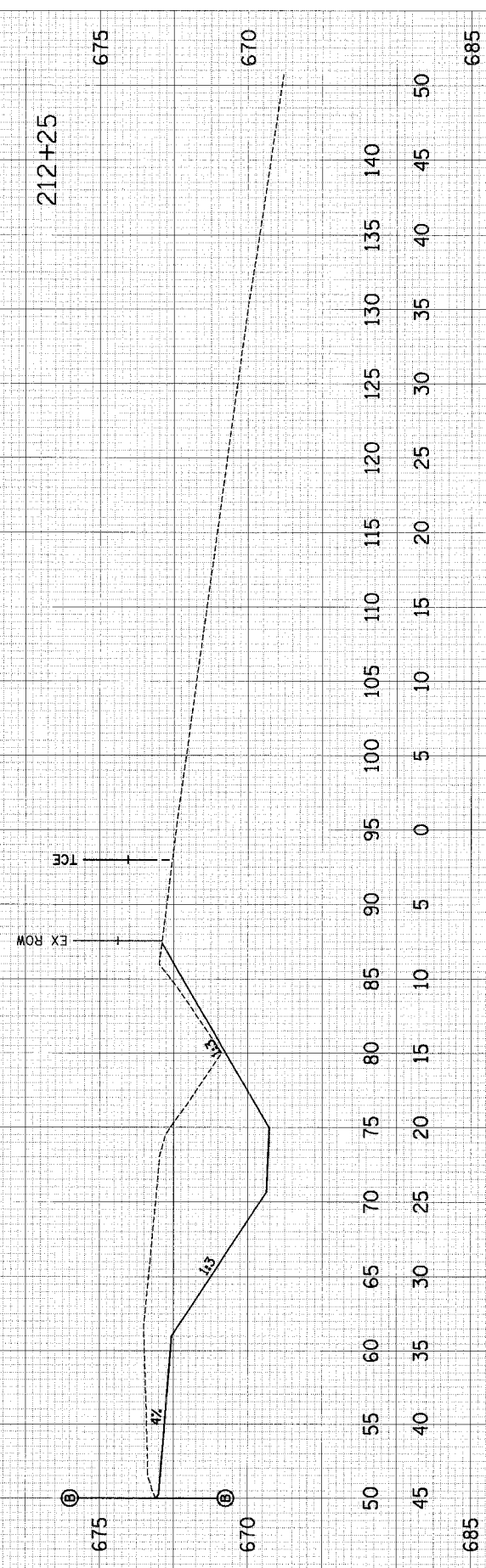
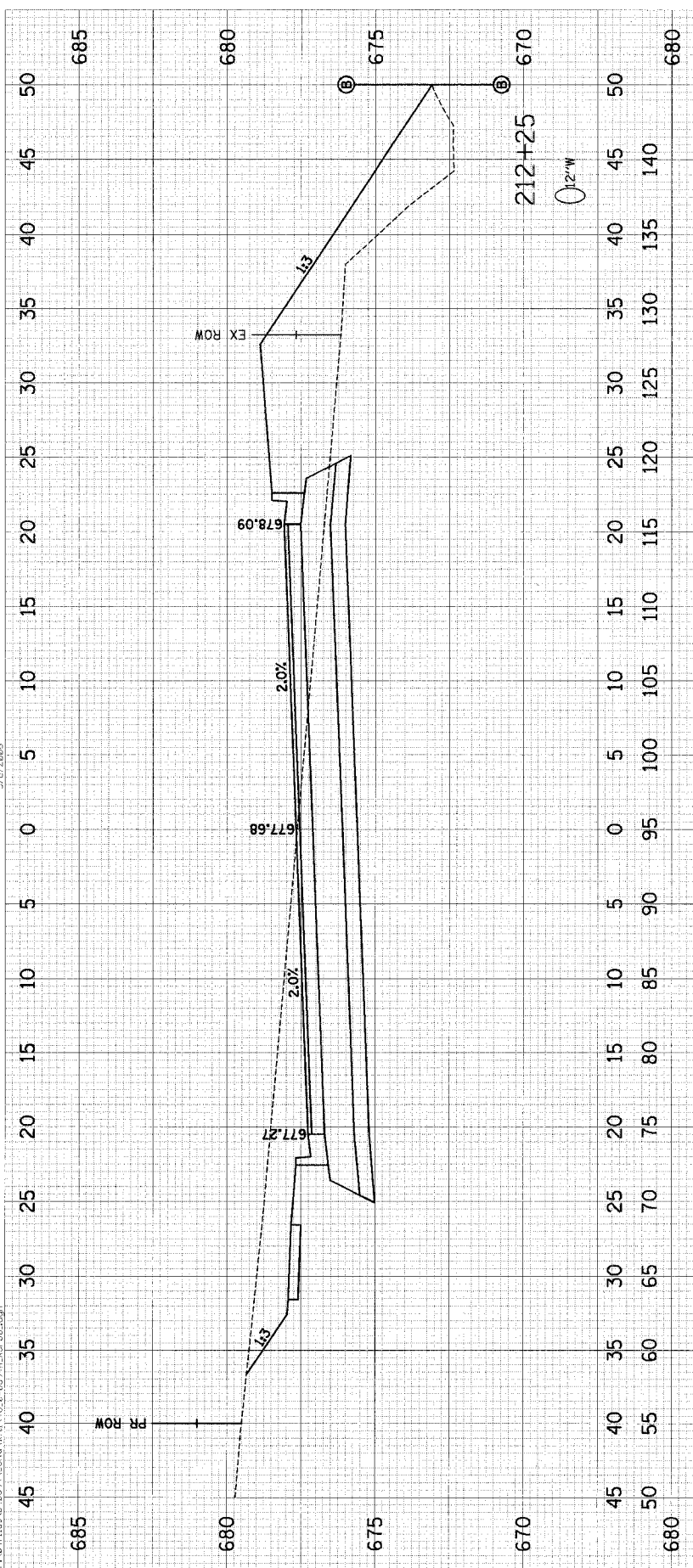
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NOTE BOOK	AREA'S		
NO.	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	AREA'S		
NO.	CHECKED		

3/16/2005

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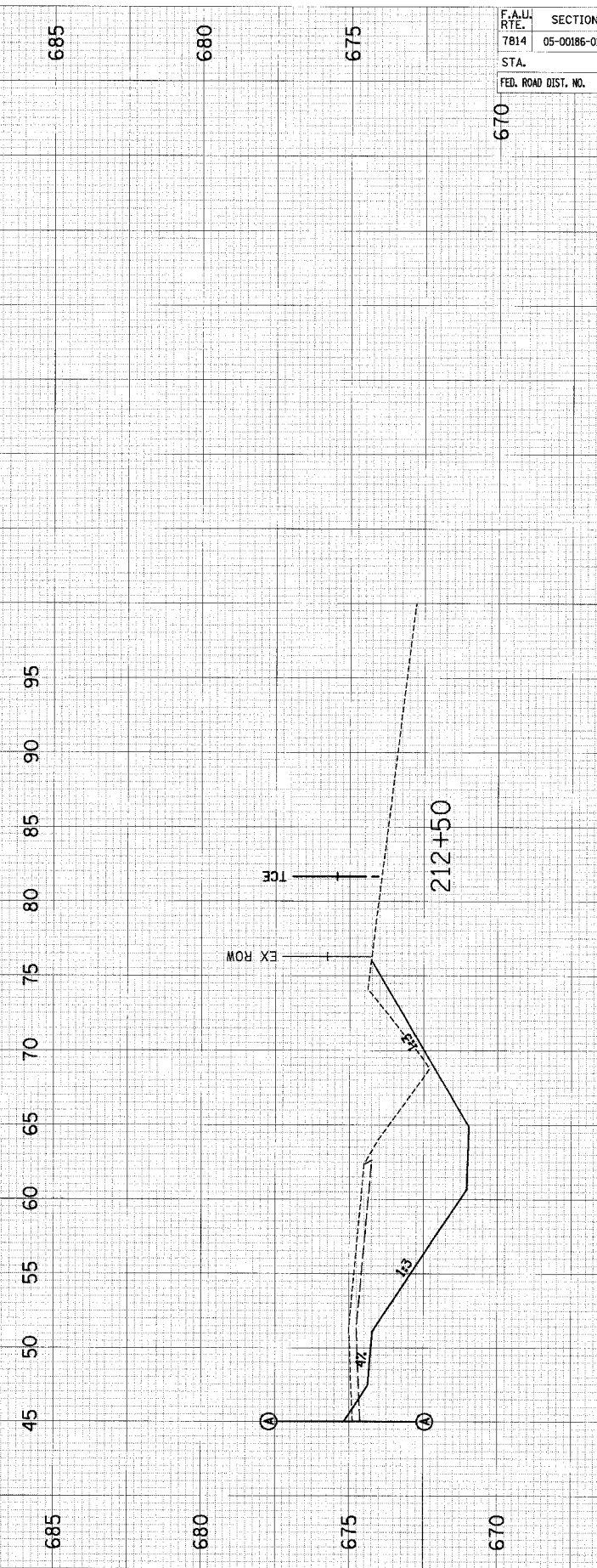
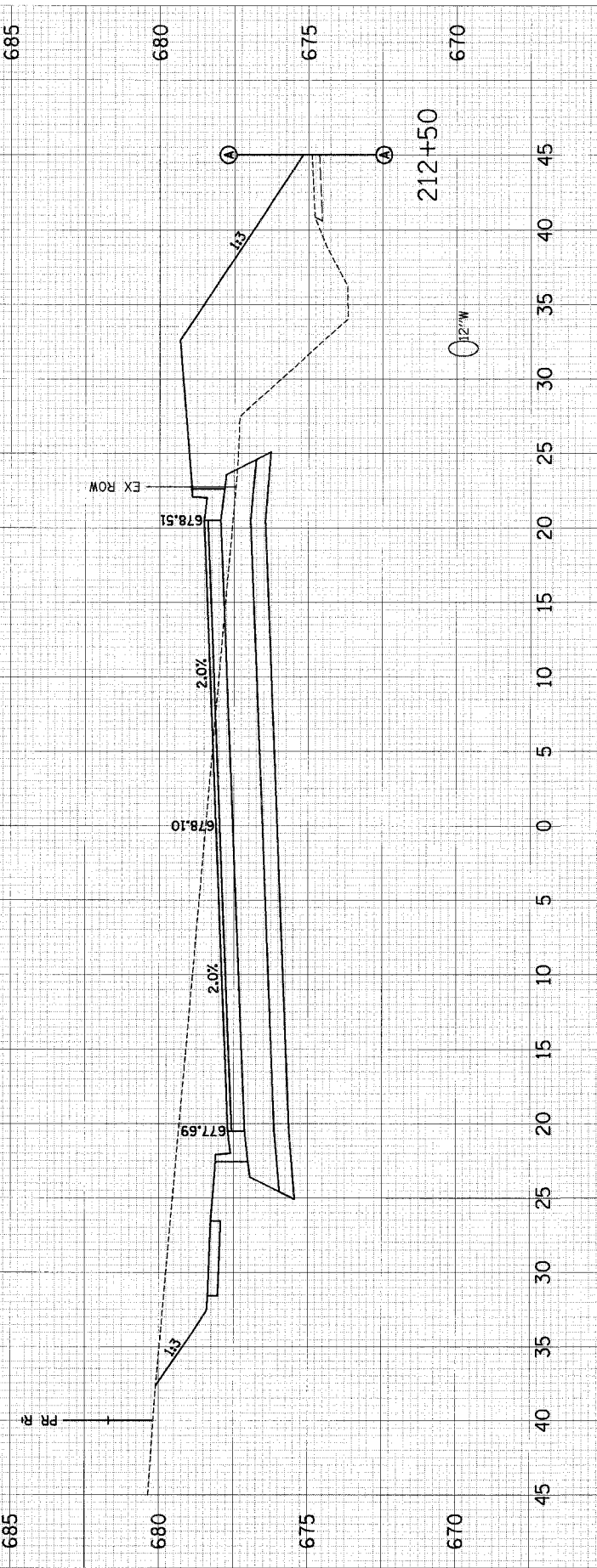
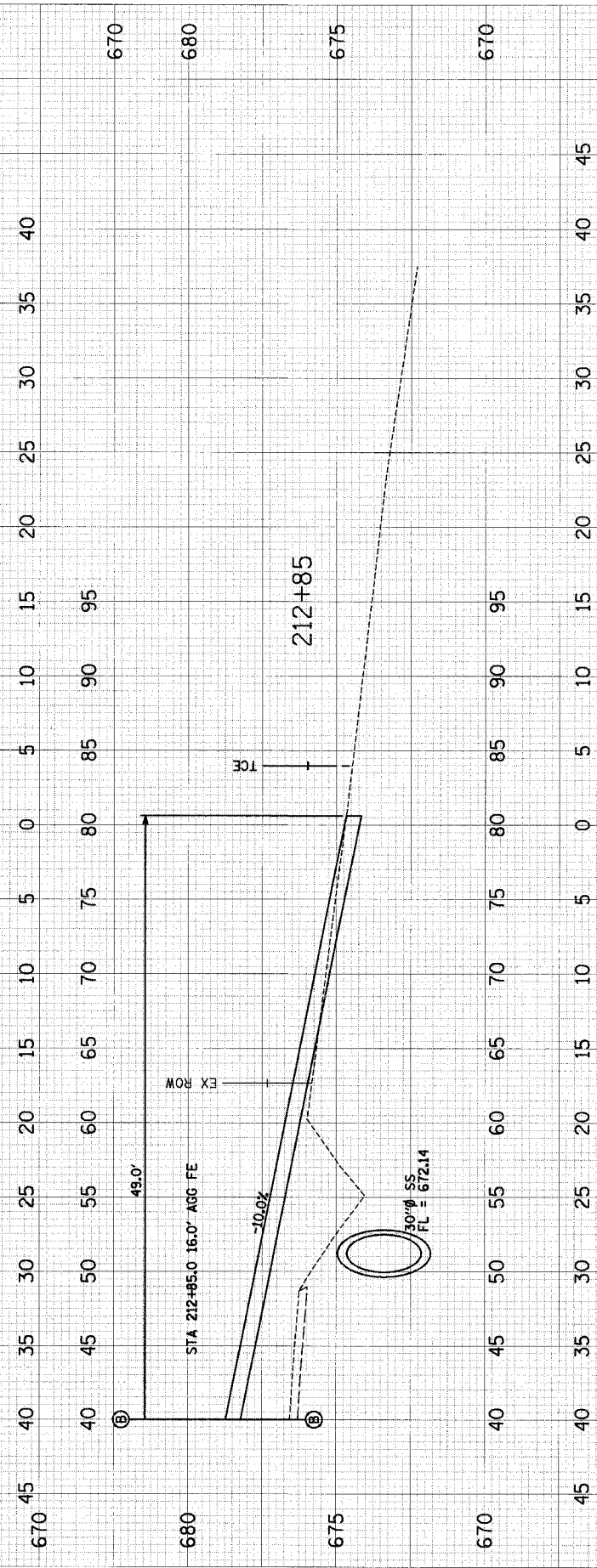
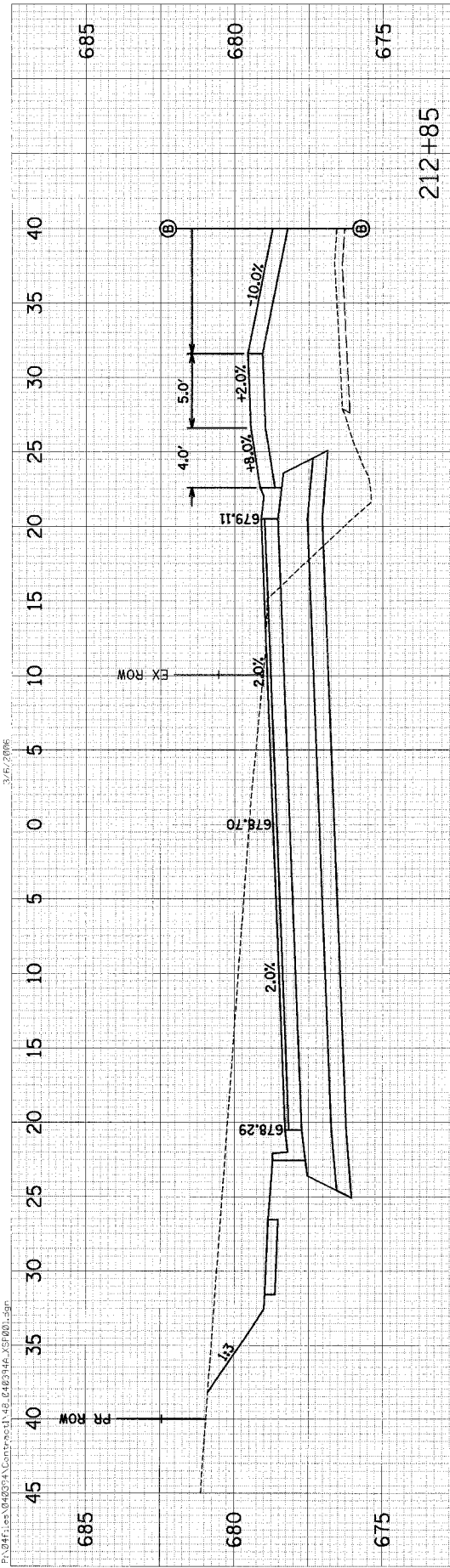
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FINAL SURVEY PLOTTED
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 NOTE BOOK
 AREAS CHECKED

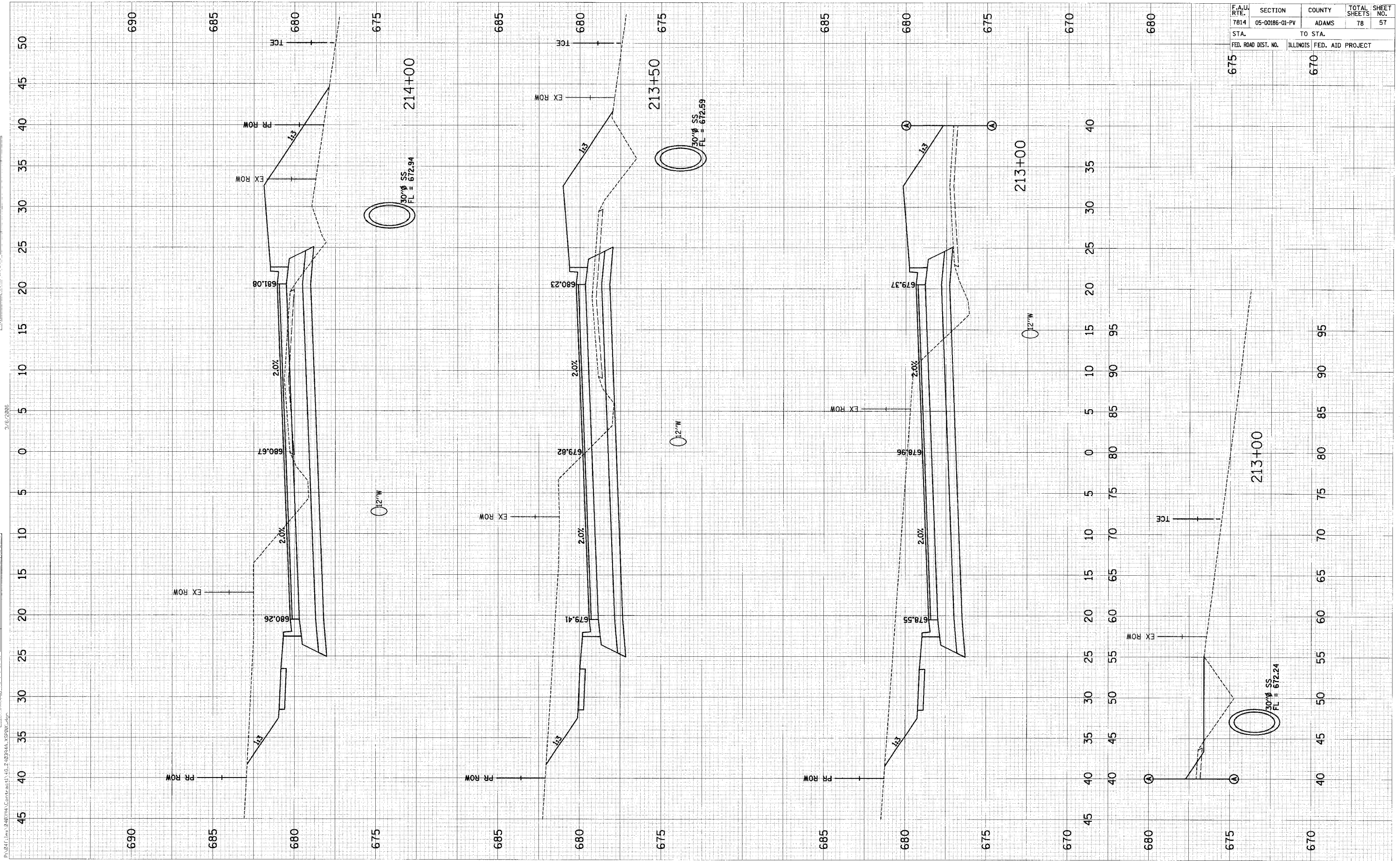
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 SURVEY PLOTTED
 NOTE BOOK
 AREAS CHECKED

3/6/2006



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	57
STA.	TO STA.			
675	670			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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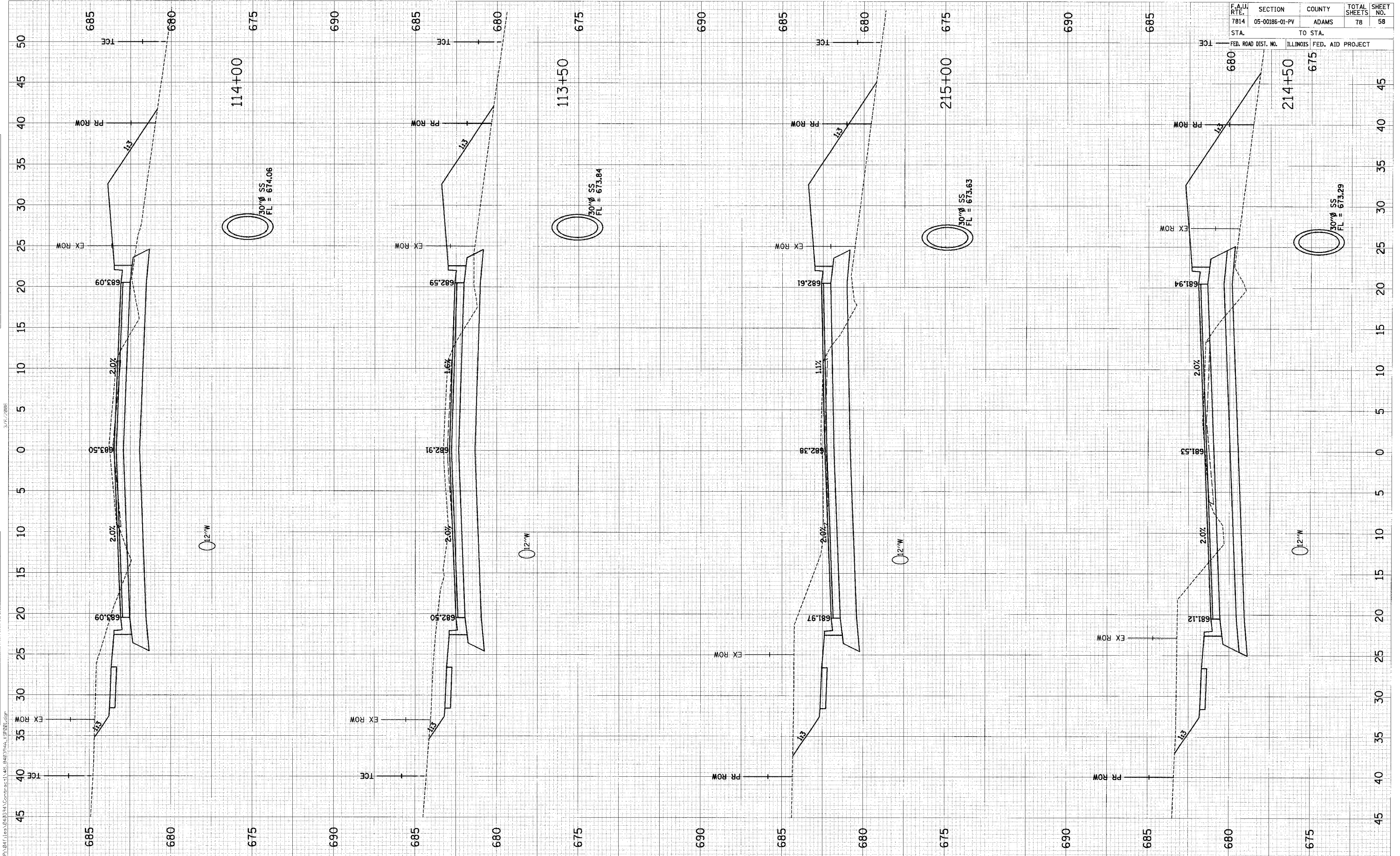
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DATE	BY

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	58
STA.	TO STA.		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
685	675		680	214+50

3/27/2006

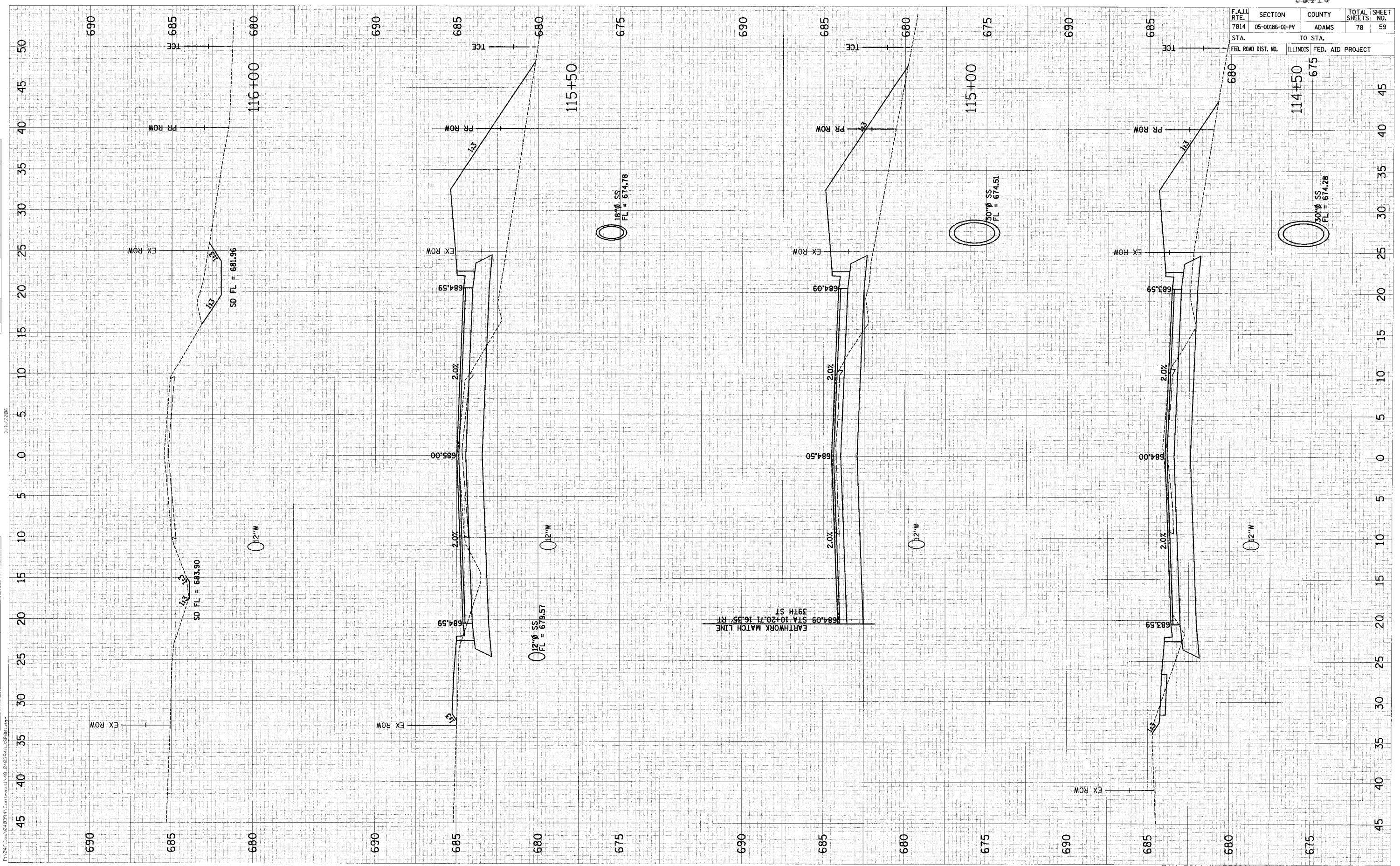
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NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TRIP BY	
NO.	AREAS CHECKED	

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

3/16/2006

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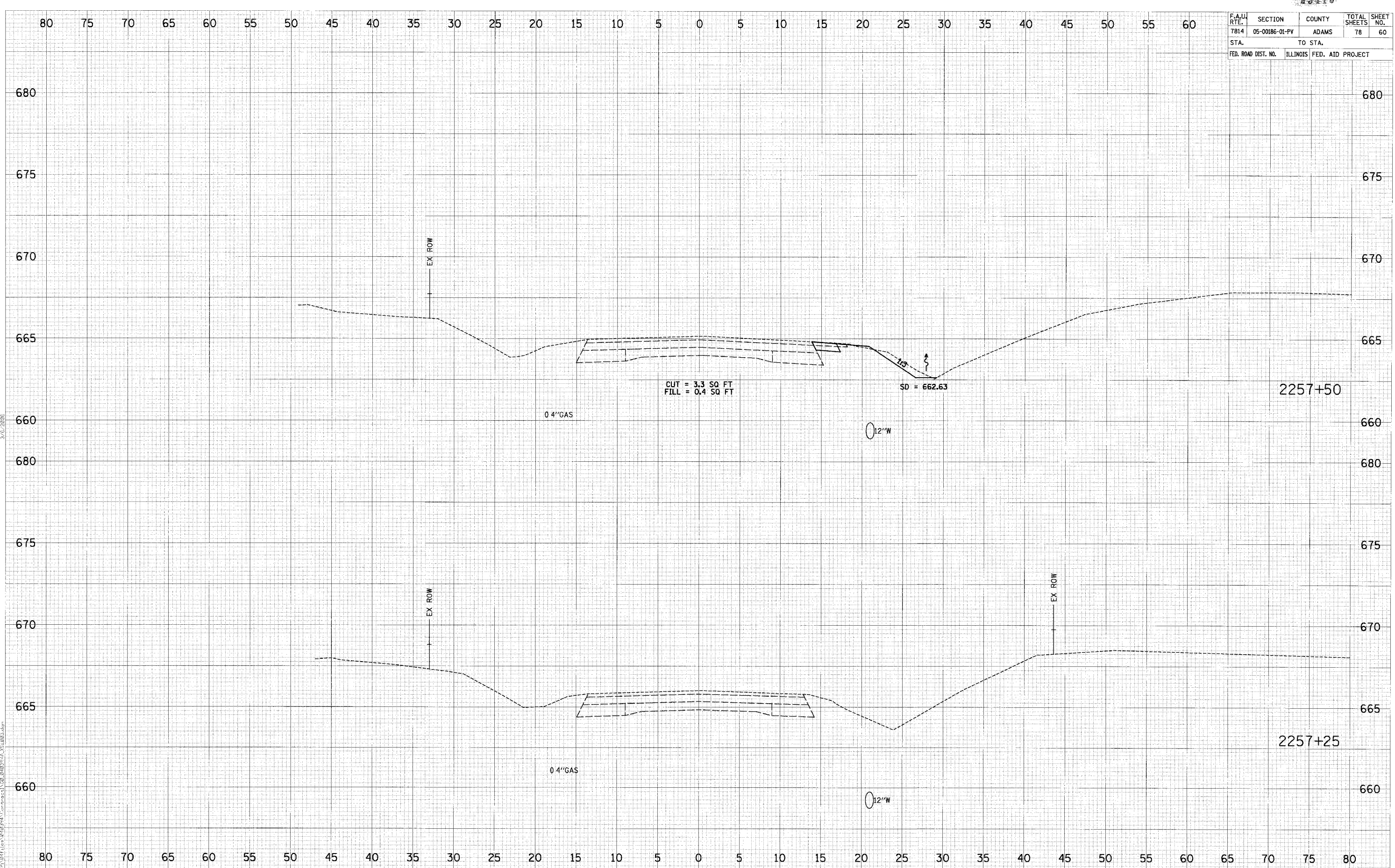
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7814	05-00186-01-PV	ADAMS	78	59
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
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NO. 2	
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NO. 6	
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ORIGINAL SURVEY	DATE
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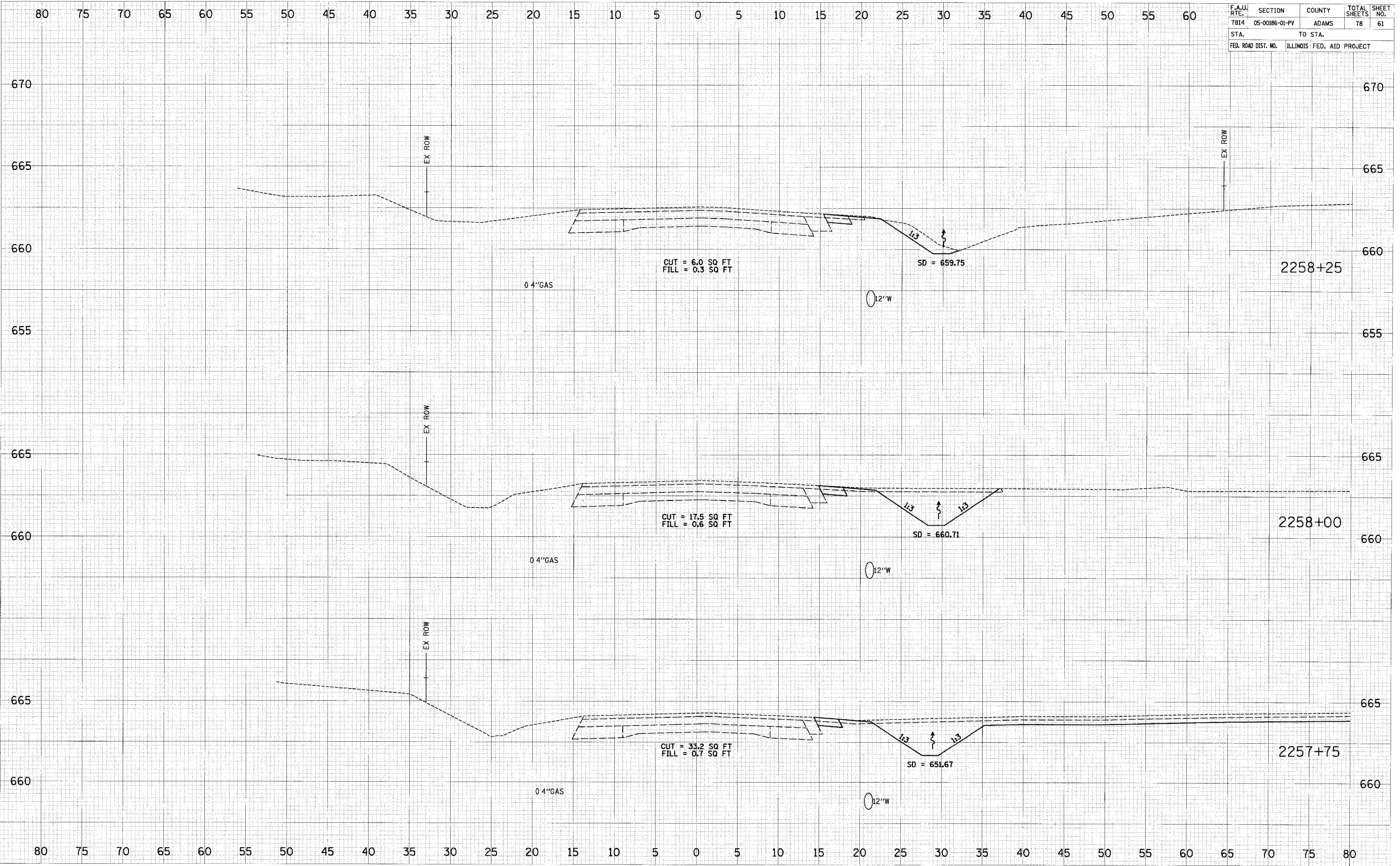


3/6/2006

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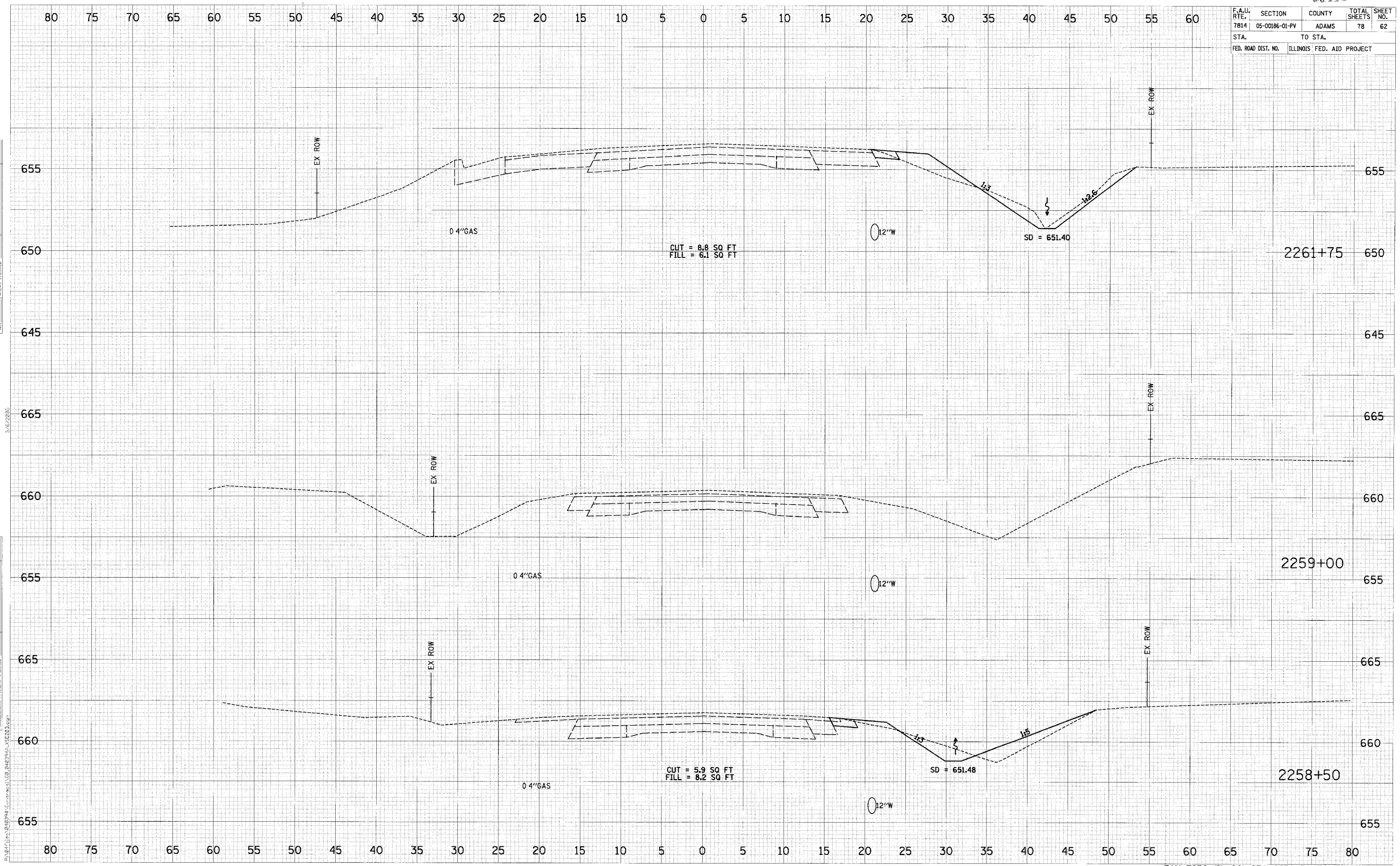
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7814	05-00186-01-PV	ADAMS	78	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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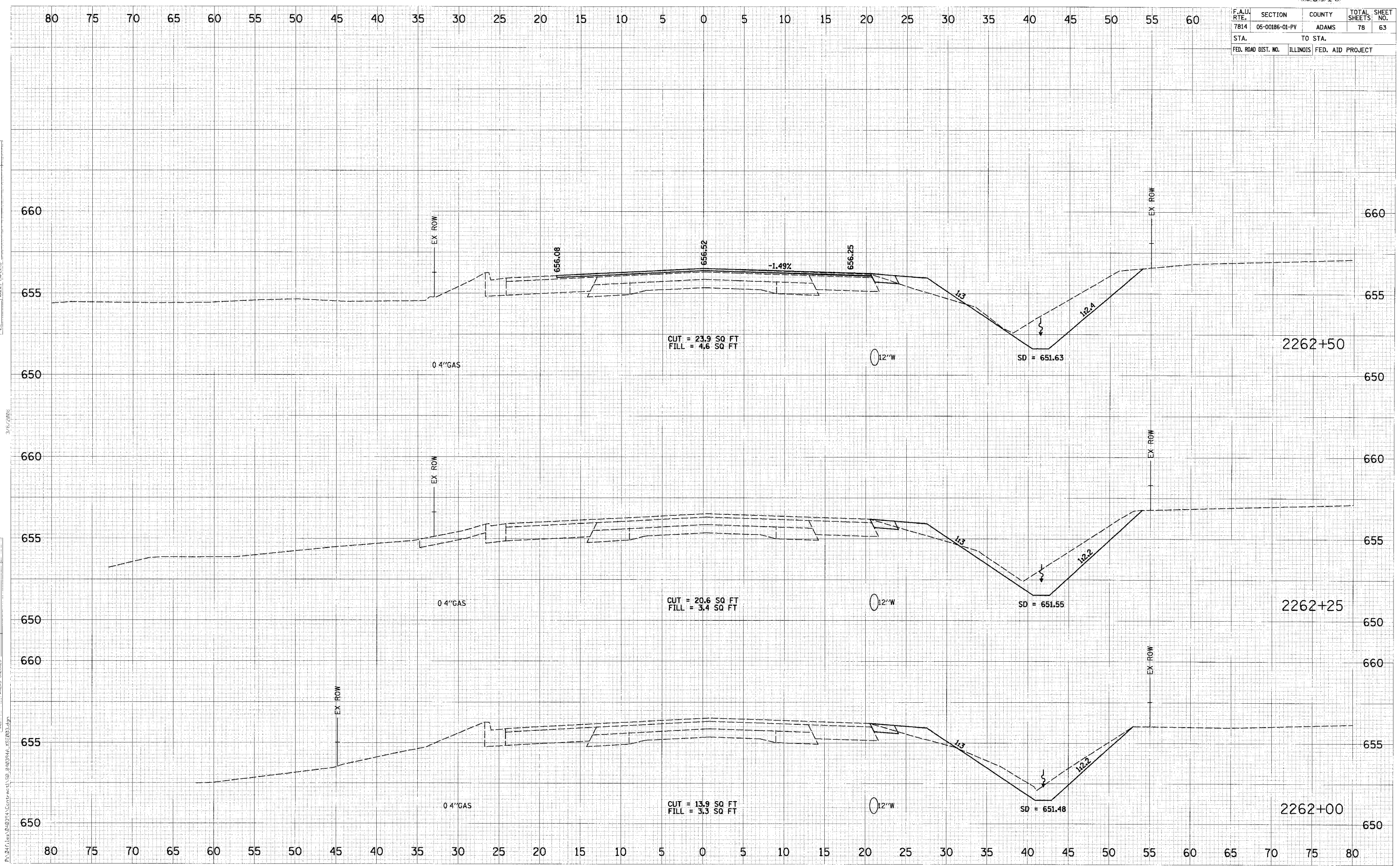
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BY	
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AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED BOOK	
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AREAS CHECKED	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
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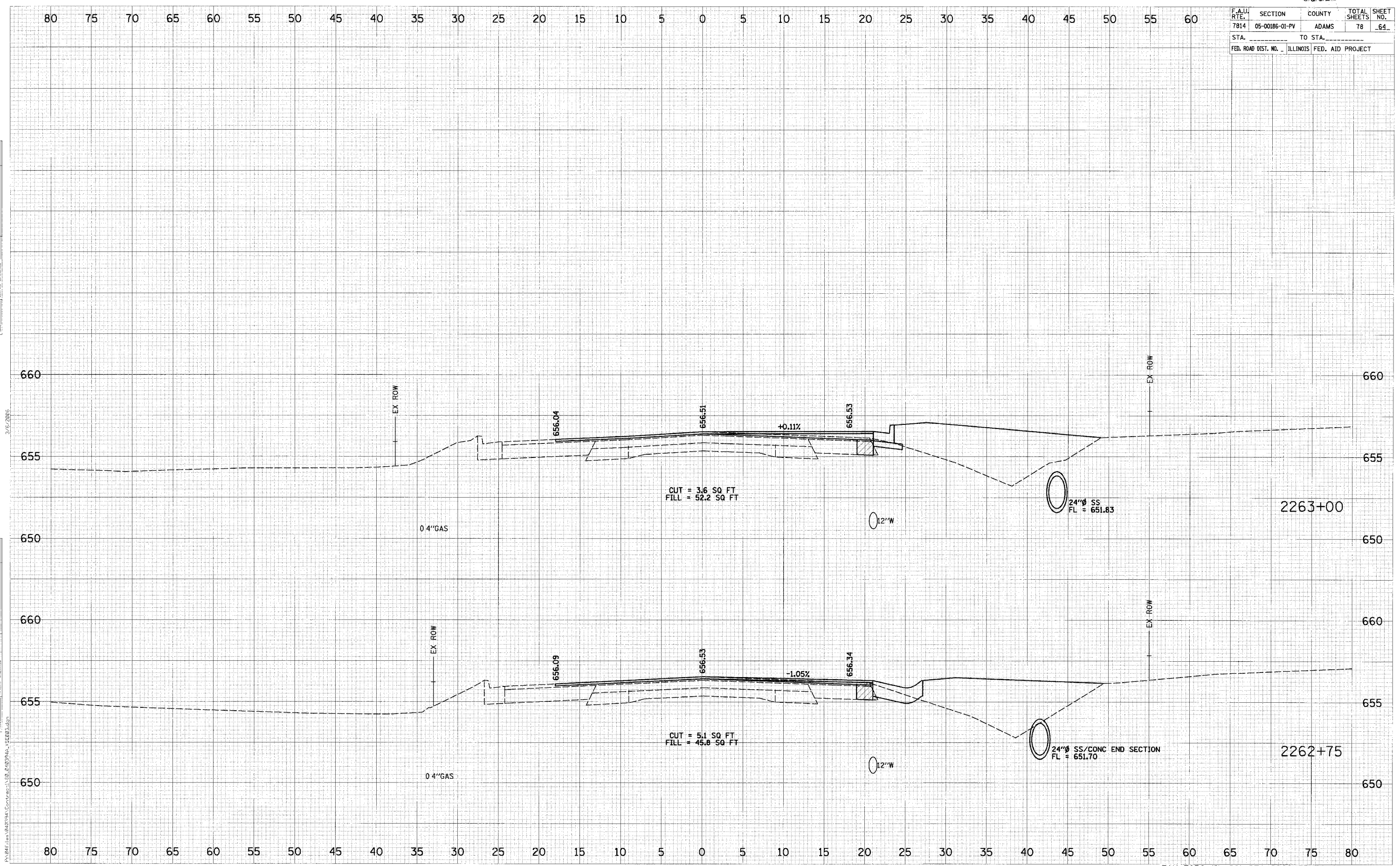


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

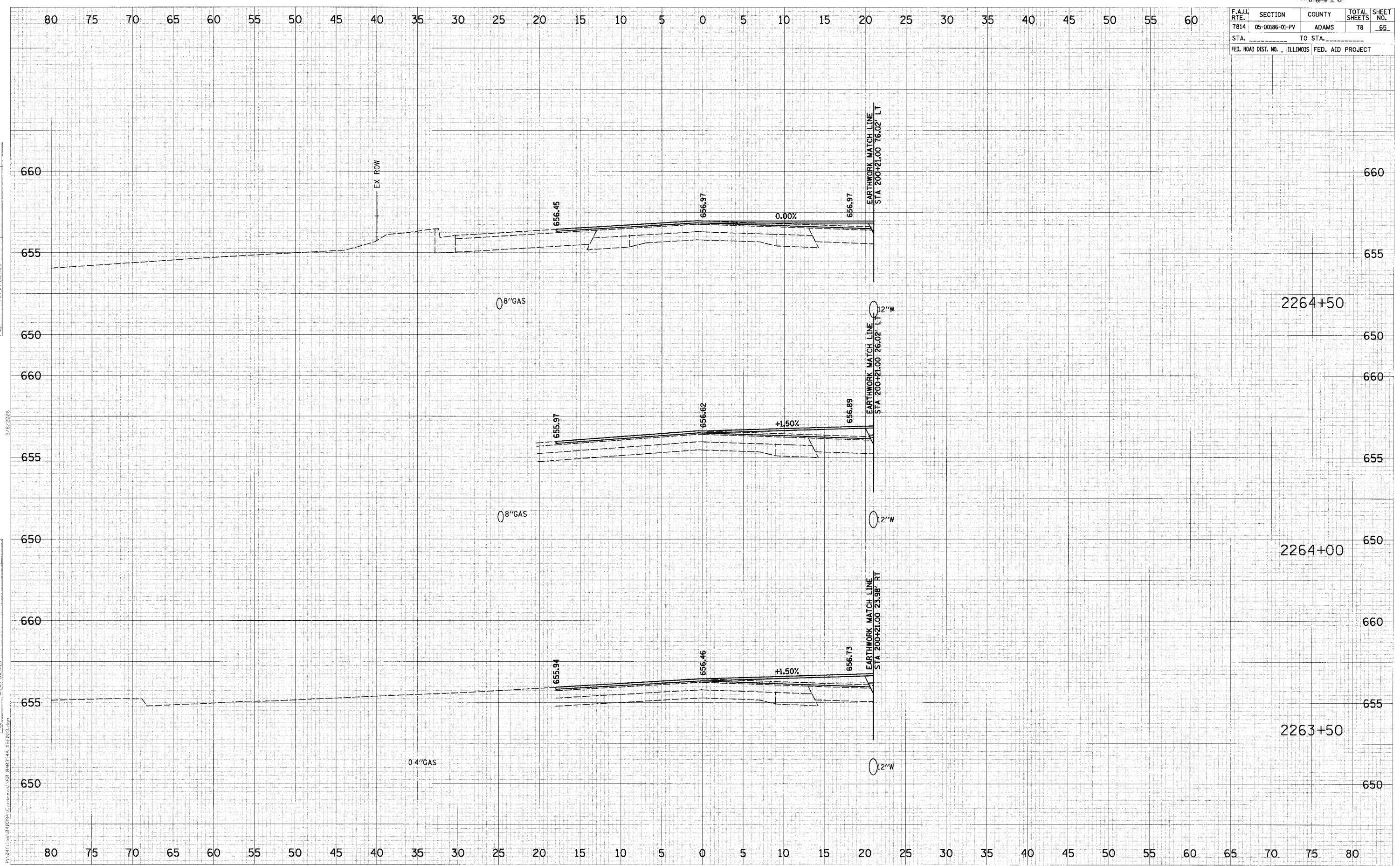
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	65
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

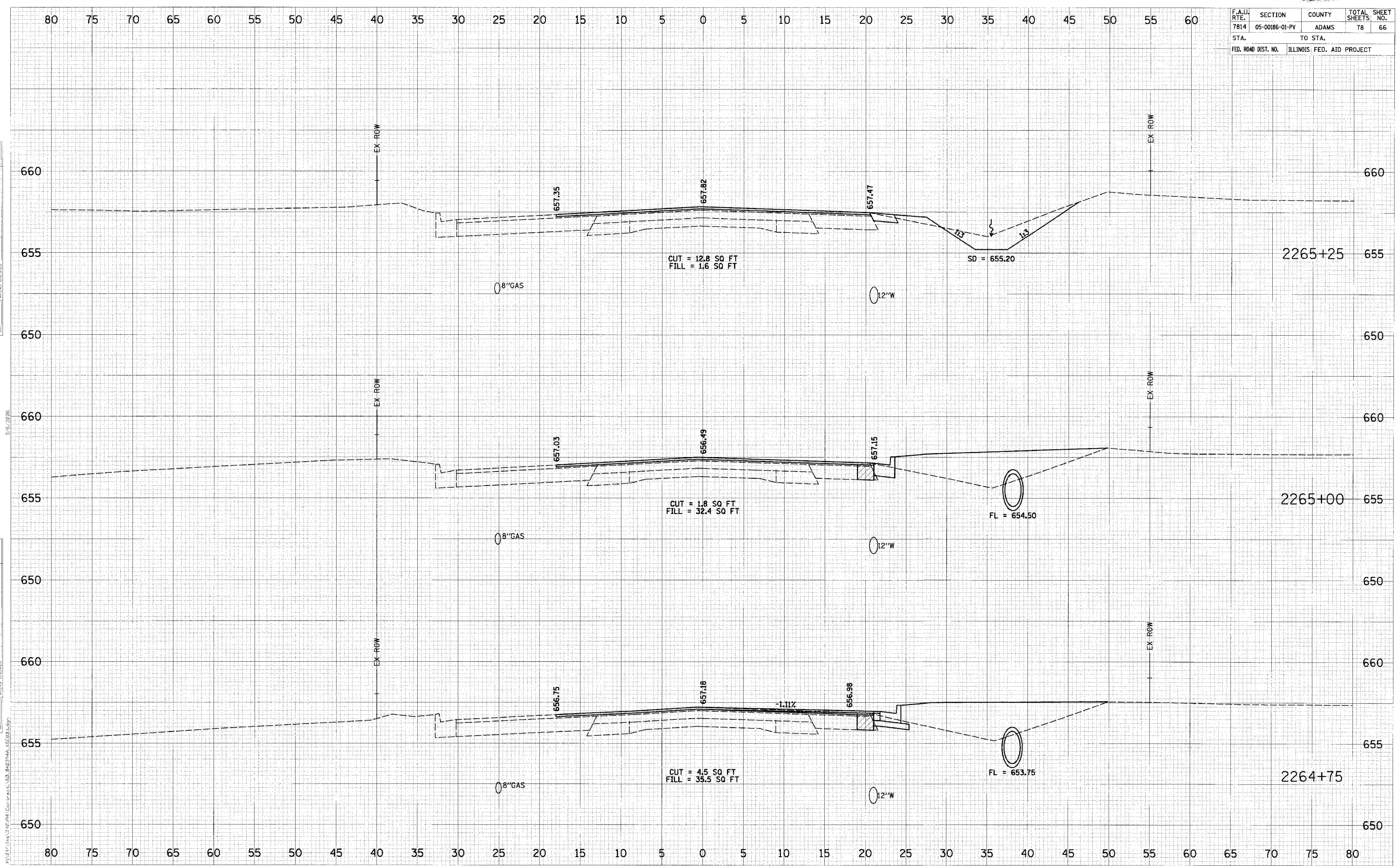


08413

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

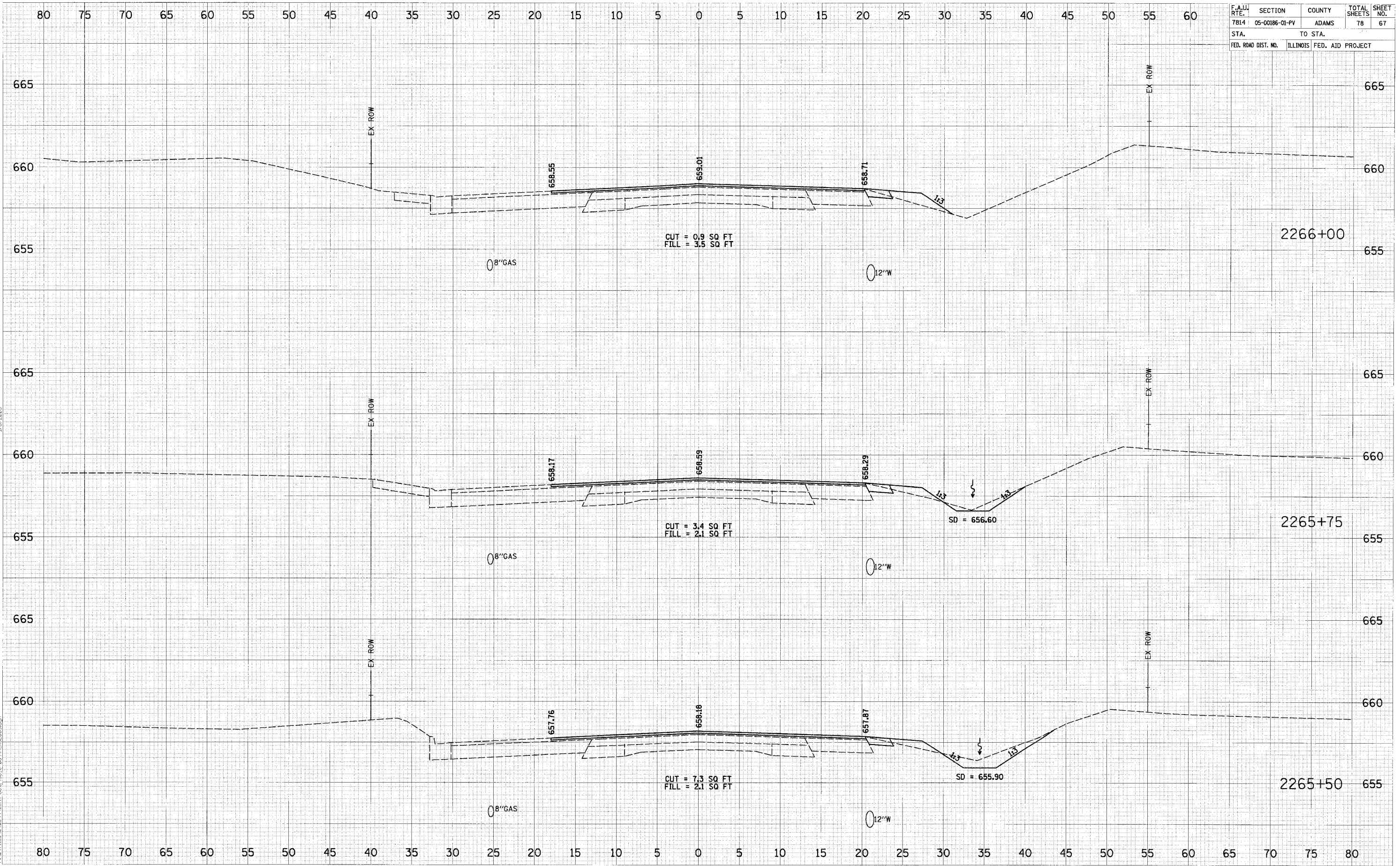
DATE	BY

DATE	BY



08413

F.A.J.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINISH SURVEYED	BY	DATE
SURVEY		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEYED	BY	DATE
SURVEY		
NOTE BOOK		
AREAS CHECKED		

3/16/2005
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FINAL SURVEY NOTE BOOK NO. _____

SUPERVISOR _____ DATE _____

BY _____

APPROVED _____

NO. _____

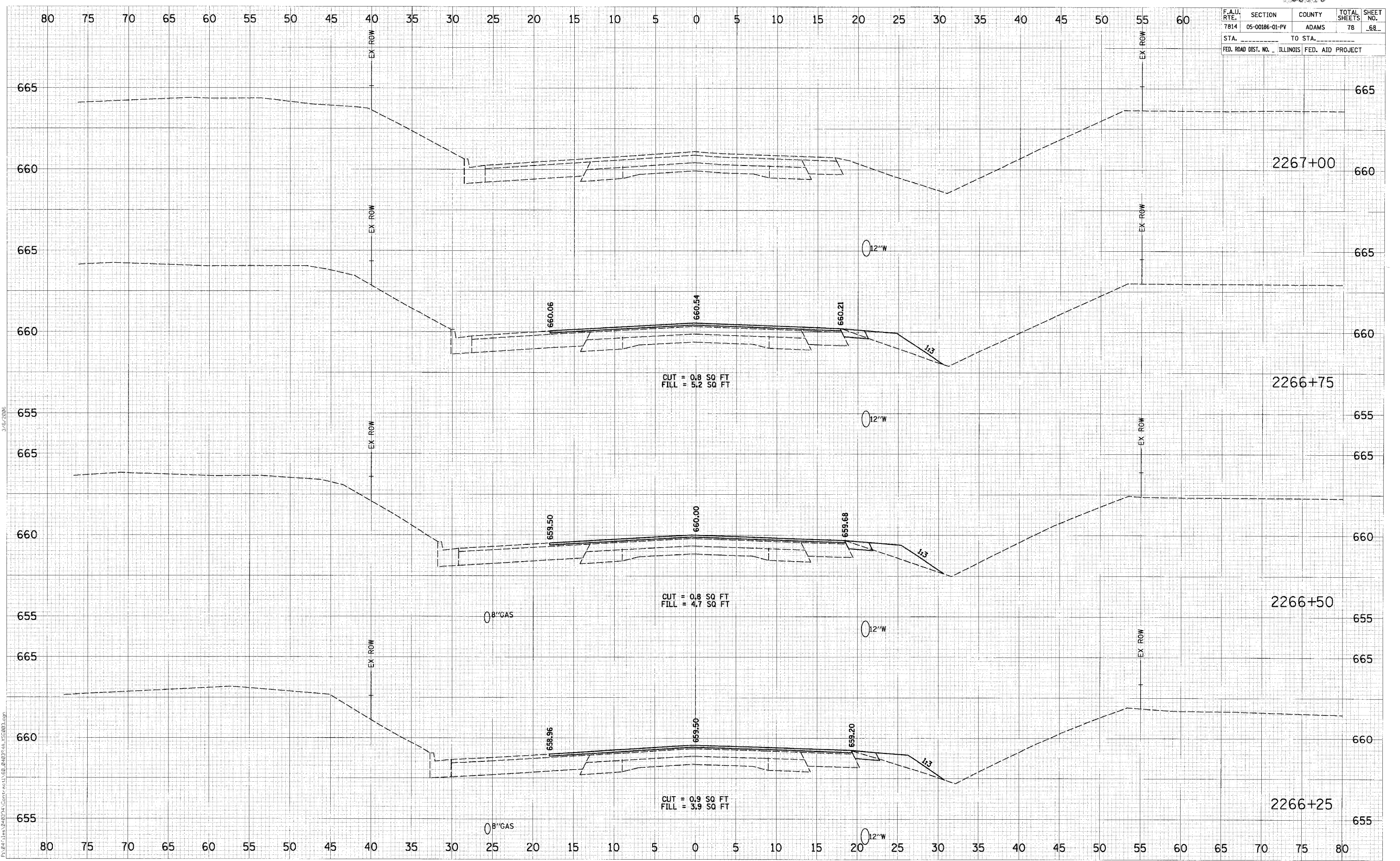
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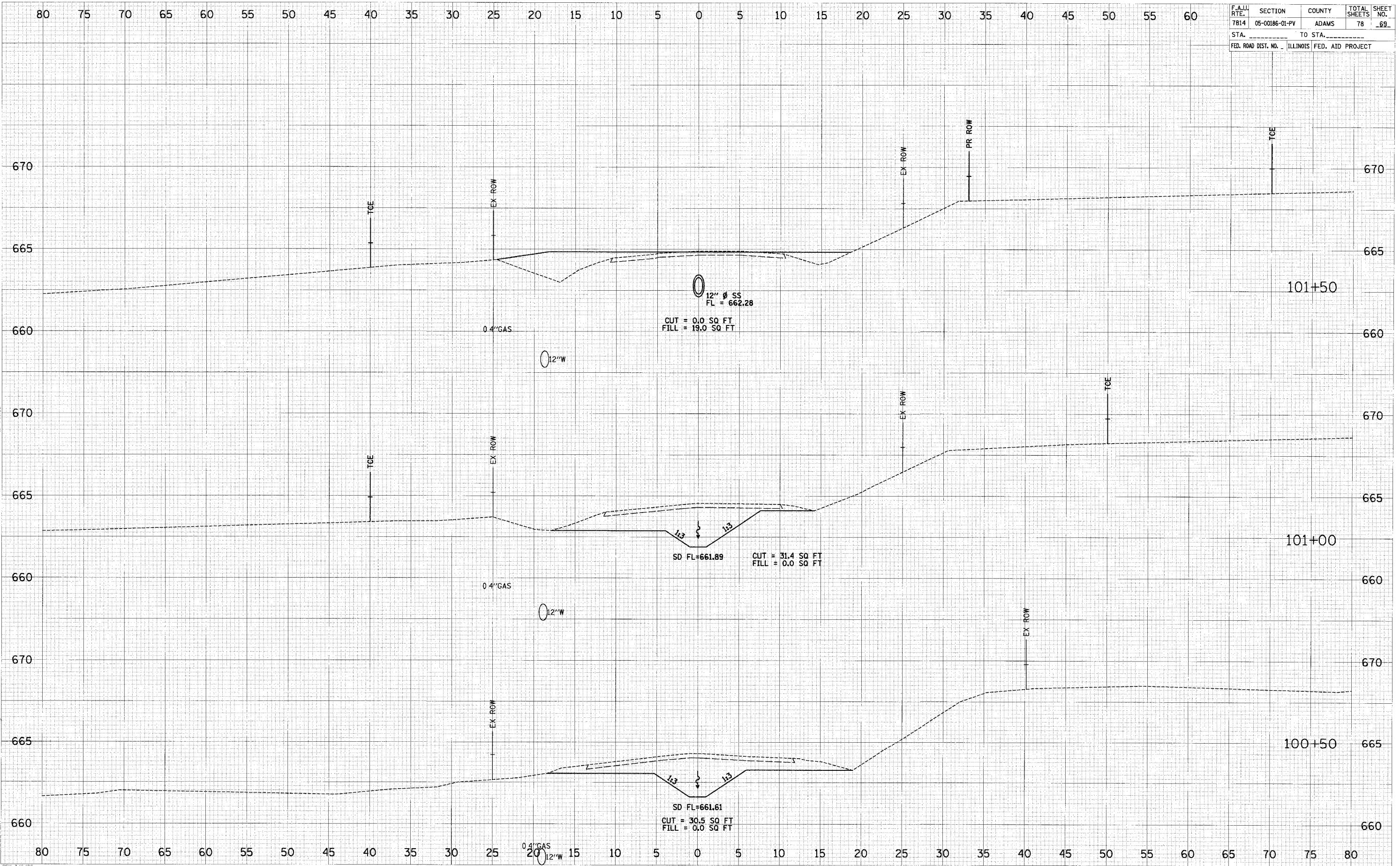
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BY _____

APPROVED _____

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DATE
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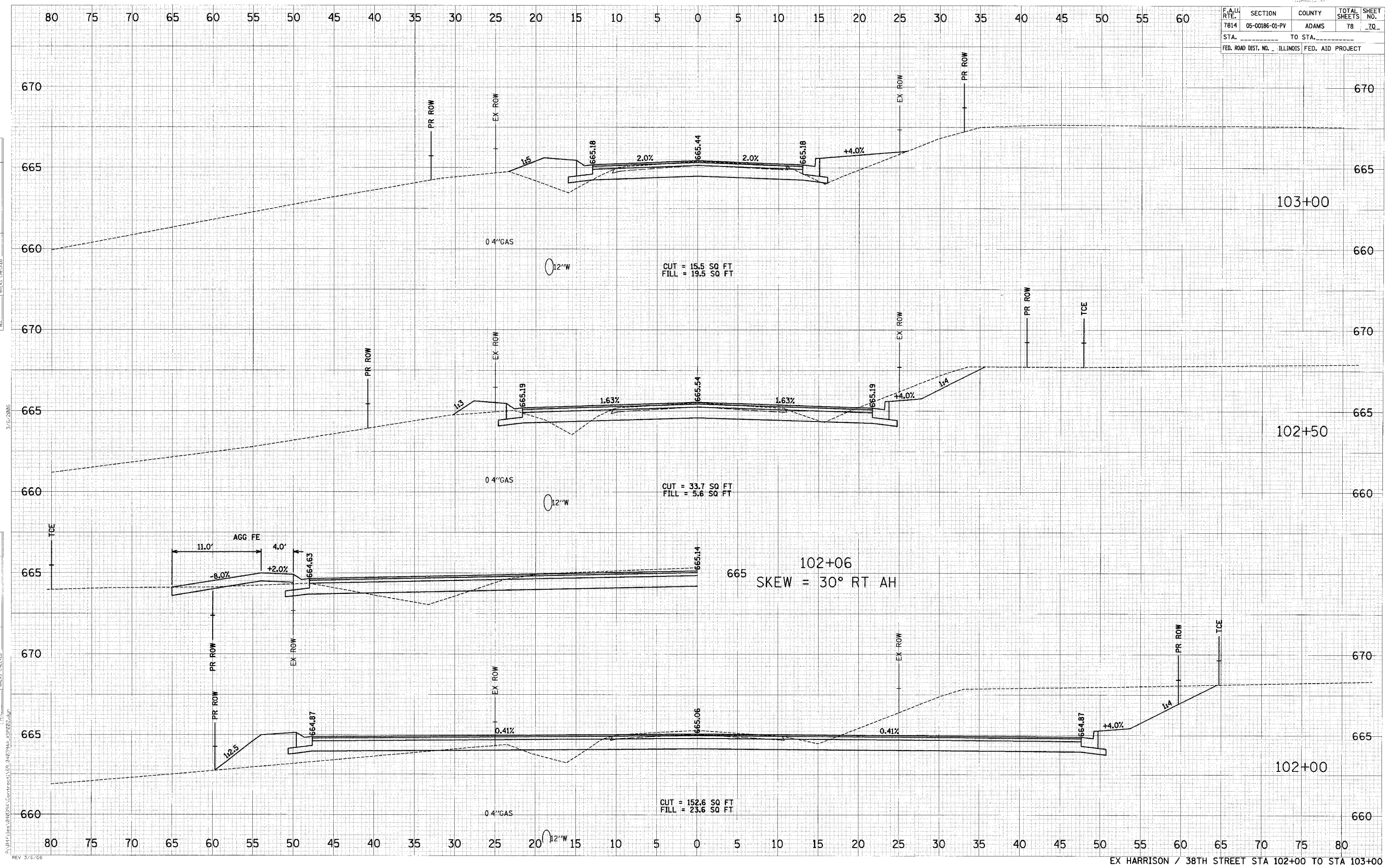
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REV 3/6/06

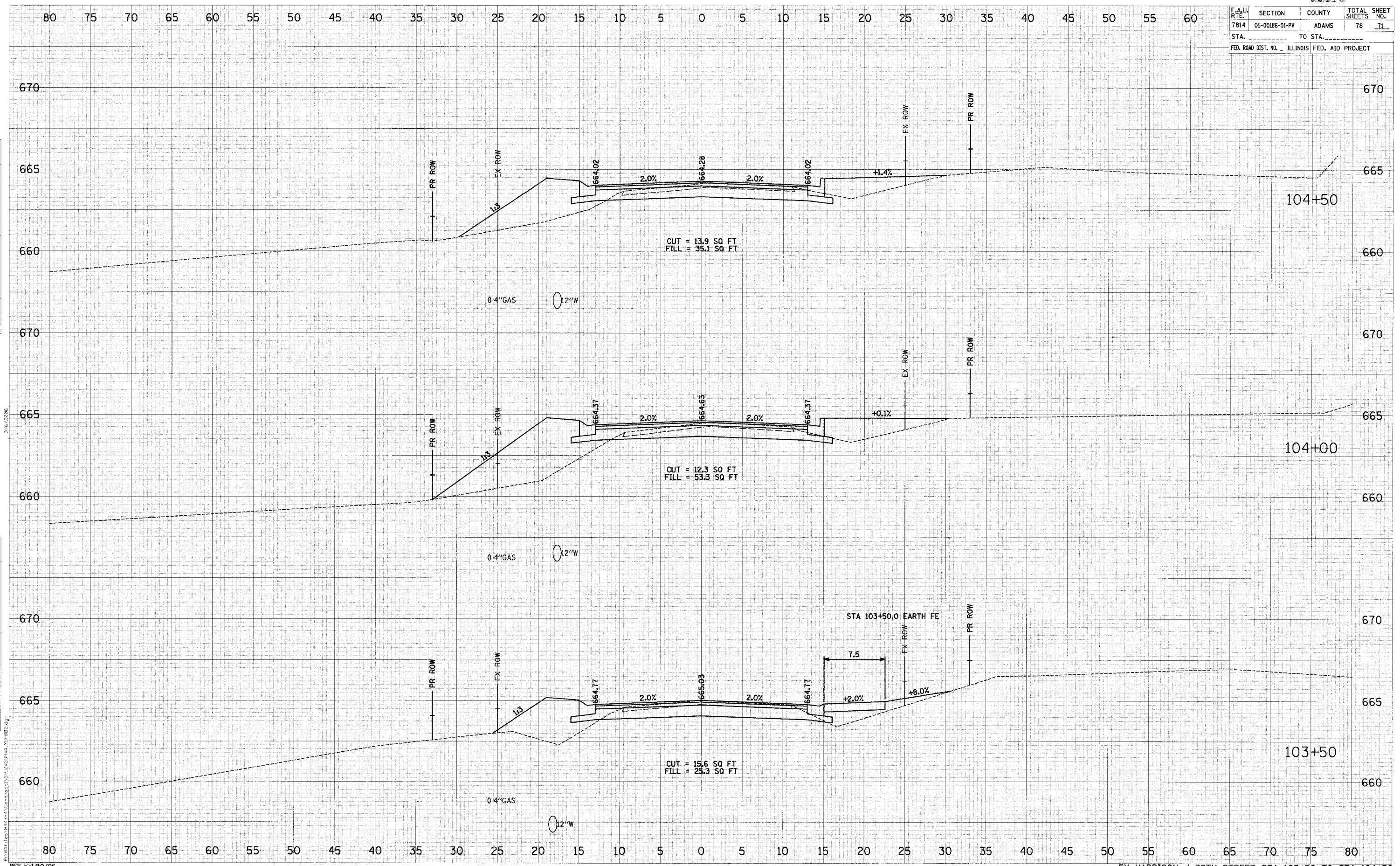
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7814	05-00186-01-PV	ADAMS	78	70
STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

DATE	
BY	
NO.	
REVISIONS	
1. SURVEYED	
2. PLOTTED	
3. CHECKED	
4. APPROVED	

DATE	
BY	
NO.	
REVISIONS	
1. SURVEYED	
2. PLOTTED	
3. CHECKED	
4. APPROVED	



F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	
BY	
APPROVED	
CHECKED	
DATE	
BY	
APPROVED	
CHECKED	
DATE	
BY	
APPROVED	
CHECKED	

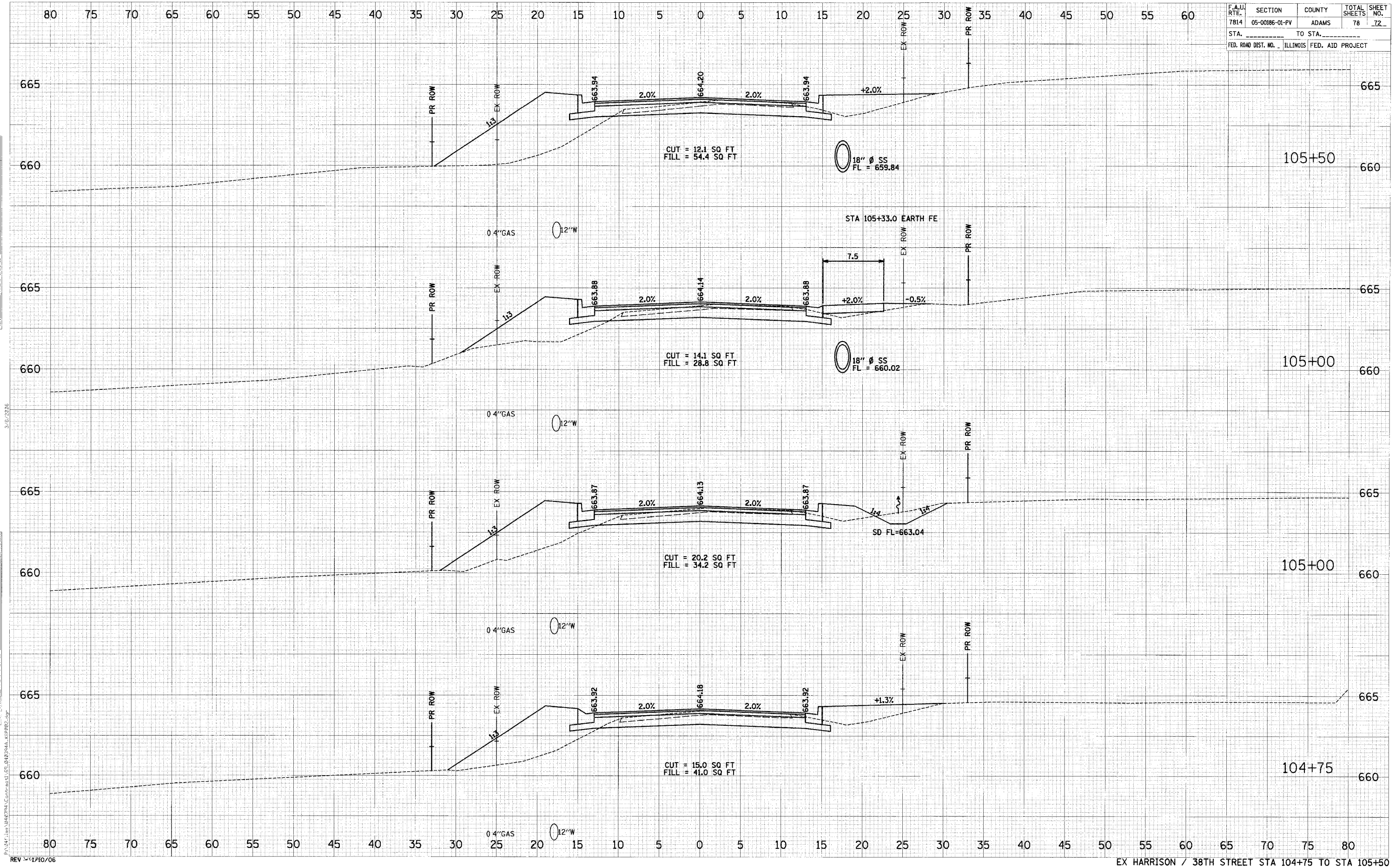
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DATE	
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APPROVED	
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 REV 1/10/06

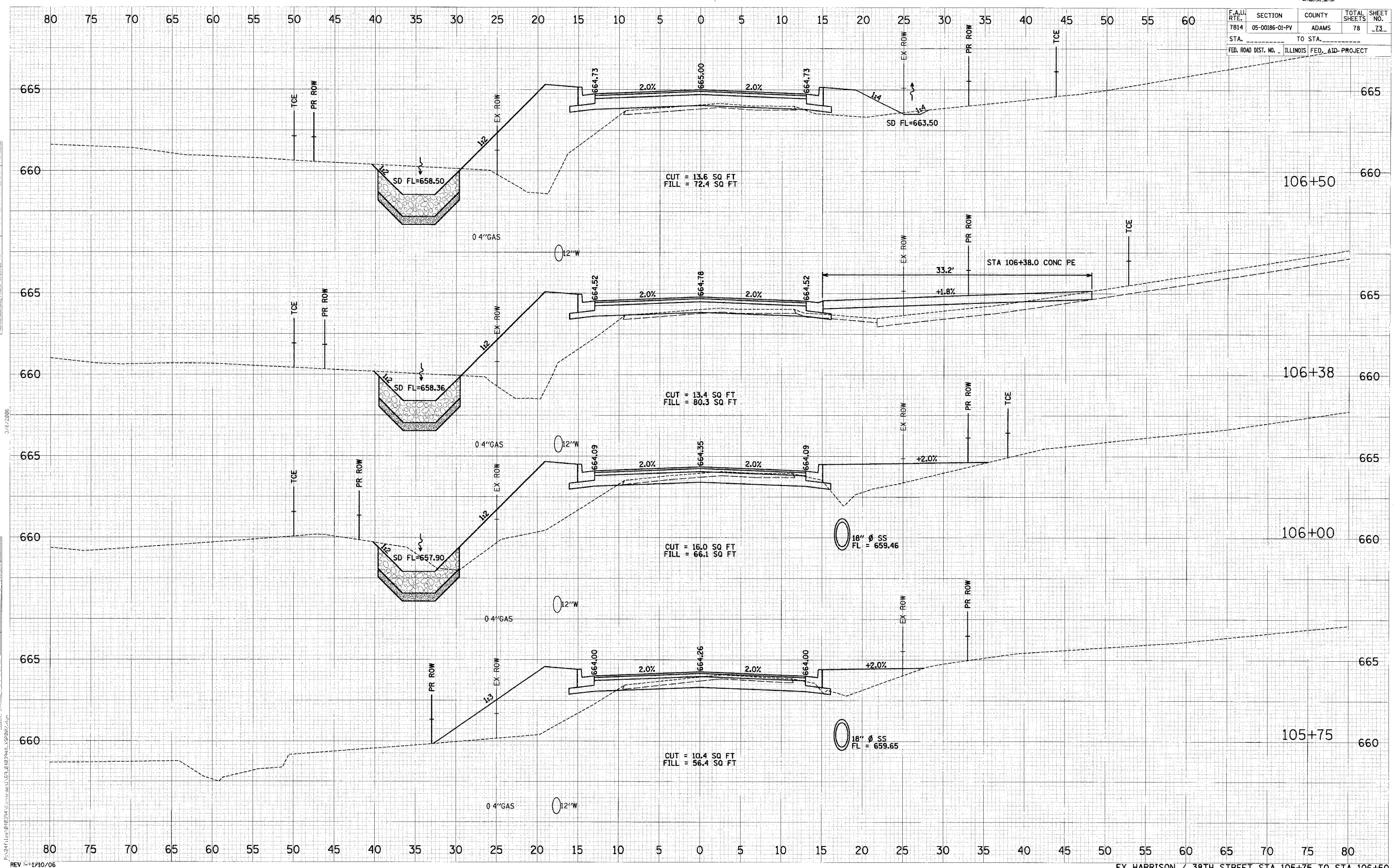
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	72
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	73
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

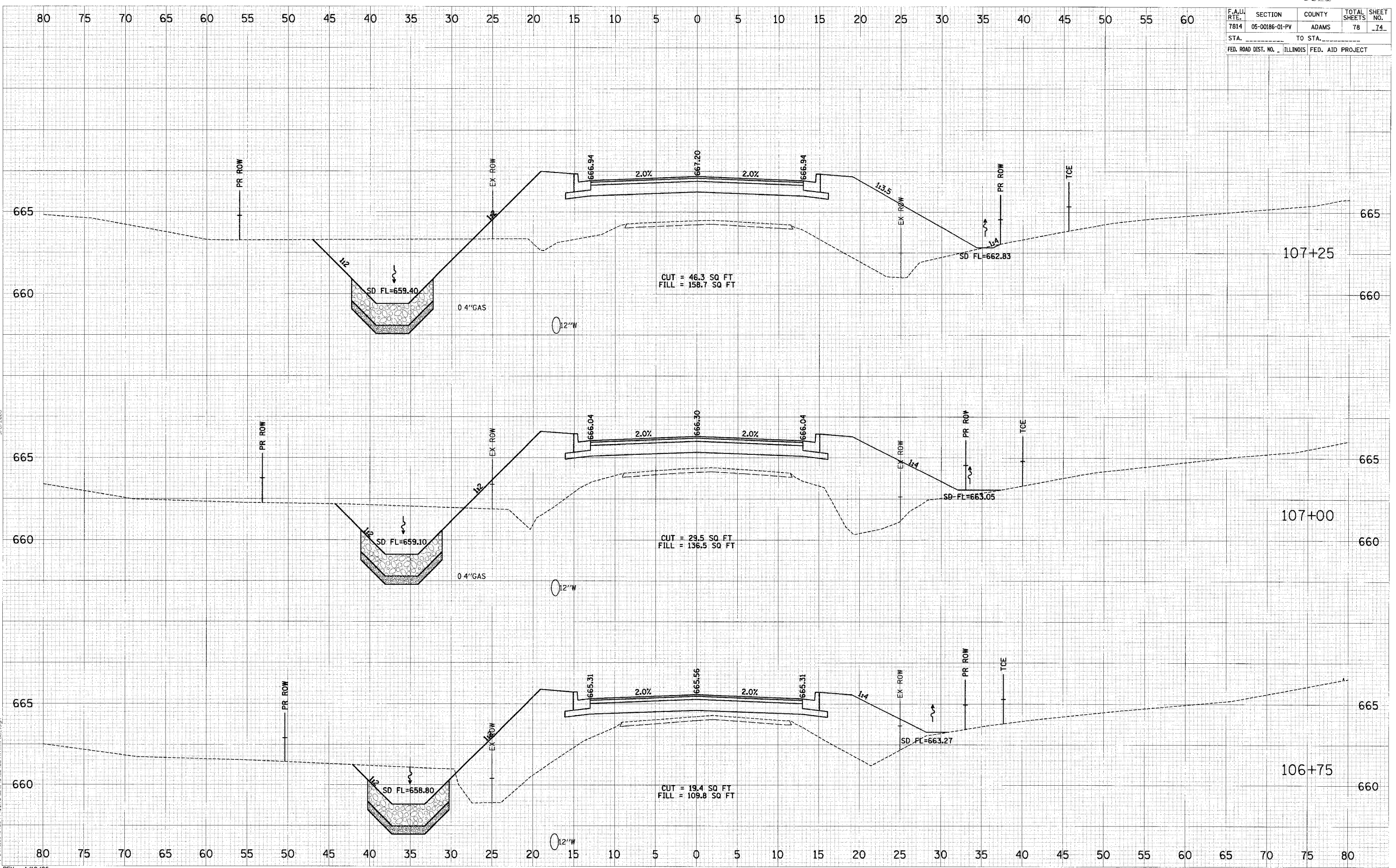
3/6/2006

REV 11/10/06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	74
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

DATE	BY

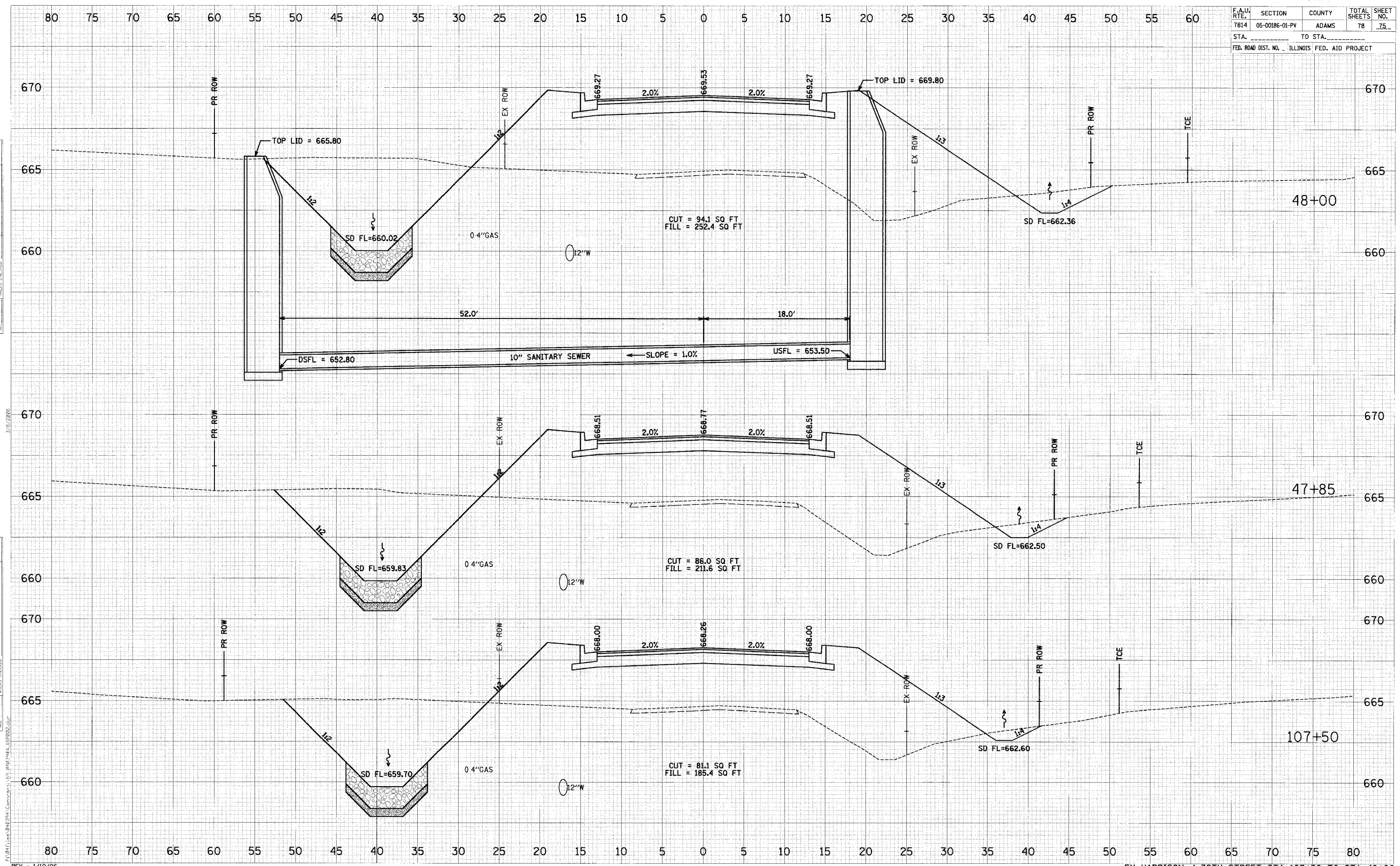
DATE	BY



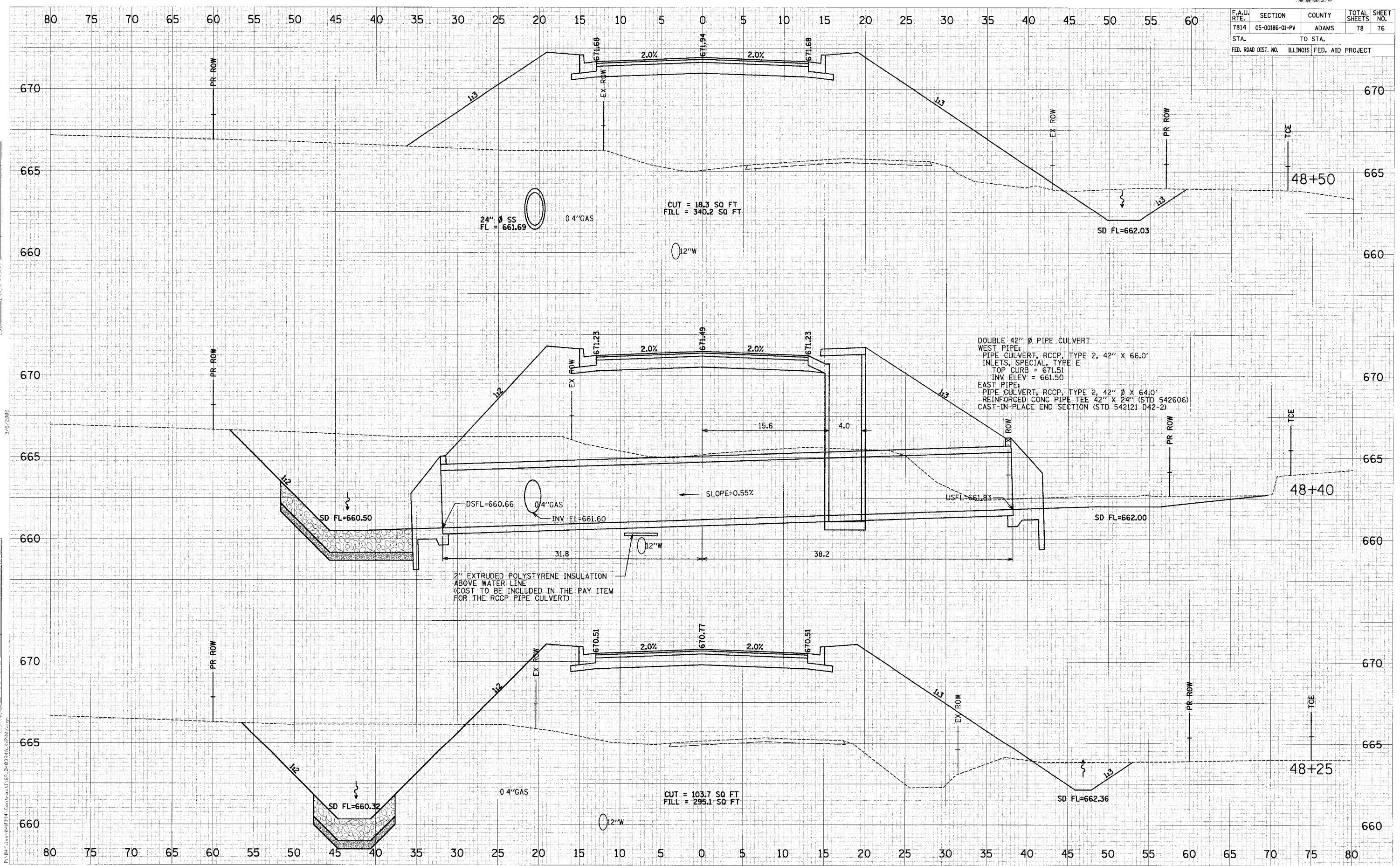
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7814	05-00186-01-PV	ADAMS	78	75
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY
3/1	
SURVEYED	PLOTTED
SERIALIZED	CHECKED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
SERIALIZED	CHECKED
NOTE BOOK	AREAS CHECKED
NO.	



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

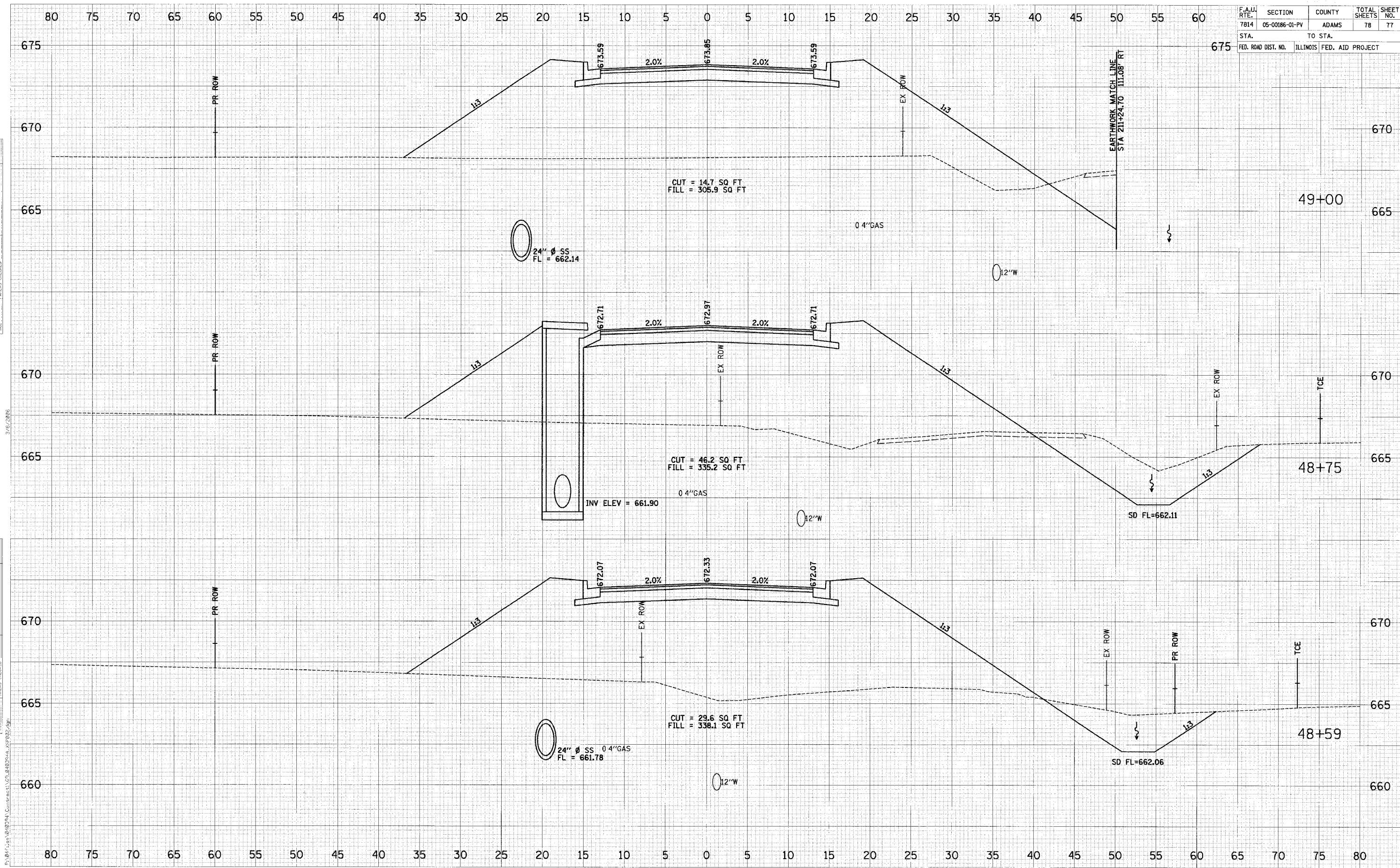


DATE	BY

DATE	BY

3/15/2018
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	77
STA. 48+59		TO STA. 49+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	BY

DATE	BY

3/16/2016

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	78
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

DATE	BY	REVISION

DATE	BY	REVISION

