## STATE OF ILLINOIS

## **DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS** 

FOR INDEX OF SHEETS, SEE SHEET NO. 2

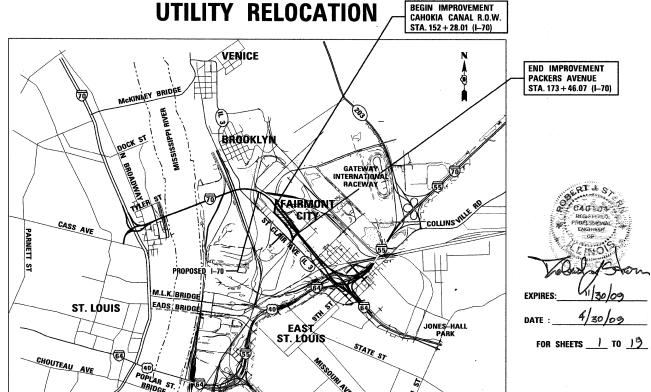
# PROPOSED HIGHWAY PLANS

FAP ROUTE 998 (I-70) SECTION 82-1DM-1

ST. CLAIR COUNTY C-98-053-09

SCALE

PROPOSED I-70 CORRIDOR
FROM CAHOKIA CANAL R.O.W. TO PACKERS AVENUE
SITE CLEARING, DEMOLITION AND
HELLITY DELOCATION | REGIN IMPROVEMENT



PROJECT LOCATED IN T2N, R10W

GROSS LENGTH OF PROJECT:

NET LENGTH OF PROJECT:

TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS 205 N. MICHIGAN AVE. CHICAGO, IL 60601 TELEPHONE: 112/616-0000 FED. ROAD DIST. NO. | ILLINOIS | CONTRACT NO. 76C68

COUNTY TOTAL SHEE

ST. CLAIR 25 1

#### D-98-053-09

82-1DM-1



DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED

May 5 20 09

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 2, 20 09

ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 20 09

STATE OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

ADT = 59,940 (2030)
DESIGN SPEED = 60 MPH
POSTED SPEED = 55 MPH

IL ROUTE 3 (ST. CLAIR AVE.)
ADT = 6,400 (2008), 7,900 (2030)
DESIGN SPEED = 40 MPH (S. OF PACKERS AVE.)
DESIGN SPEED = 50 MPH (N. OF PACKERS AVE.)
POSTED SPEED = 35 MPH (S. OF PACKERS AVE.)

POSTED SPEED = 45 MPH (N. OF PACKERS AVE.)

1ST STREET
ADT = 1,350 (2008), 1,700 (2030)
DESIGN SPEED = 35 MPH
POSTED SPEED = 30 MPH

INTERSTATE 70

PLANS PROFILES

PROJECT LOCATED IN FAIRMONT CITY, ILLINOIS

1" = 5' V

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 40'

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

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

PROJECT ENGINEER: MICHAEL D. PRITCHETT (618) 346-3180 PROJECT MANAGER: JANE CHASTAIN MERCER (618) 346-3206

CONTRACT NO. 76C68

OF 18

#### GENERAL NOTES (CONTINUED)

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL OVERHEAD, SURFACE, AND UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS WHETHER OR NOT THE UTILITIES ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR RELOCATED BY THE CONTRACTOR AT HIS/ HER OWN EXPENSE.
- 7. THE CONTRACTOR SHALL USE CARE IN EXCAVATING OR GRADING OR NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS, UTILITIES OR SEWERS BY THE CONTRACTOR SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR AT THE CONTRACTORS' OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FAIRMONT FIRE PROTECTION DISTRICT AND POLICE DEPARTMENT 28 WORKING DAYS PRIOR TO START OF CONSTRUCTION IN ORDER TO REVIEW AND COORDINATE CONSTRUCTION SCHEDULE.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE STATE ARCHAELOGICAL ENGINEER JOSEPH M. GALLOY, Ph.D., RPA (618) 251-3922 - 14 WORKING DAYS PRIOR TO START OF ANY PAVEMENT OR FOUNDATION
- 10. REMOVAL OF ANY EXISTING CURB AND GUTTER EMBEDDED IN BITUMINOUS PAVEMENT OR SHOULDER SHALL NOT BE MEASURED FOR REMOVAL, BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL ITEM.
- 11. THE CONTRACTOR SHALL BE NOTIFIED OF THE THREE POTENTIAL CONTRACTS IN THE AREA: CONTRACT #76C69
  (INDUSTRIAL DRIVE TO CAHOKIA CANAL CULVERT), CONTRACT #76C68 (CAHOKIA CANAL CULVERT TO PACKERS AVENUE),
  AND CONTRACT #76C39 (PACKERS AVENUE TO 1ST STREET). THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ANY ADJACENT CONTRACTS TO AVOID DELAY TO PROJECT SCHEDULE.
- THE SIGNING REQUIRED FOR THE EXCHANGE AVENUE DETOUR (CONTRACT 76C39) SHALL REMAIN IN PLACE UNTIL THE EXCHANGE AVENUE RECONSTRUCTION IS COMPLETE (CONTRACT 76C40).
- 13. THE PRELIMINARY SITE INVESTIGATION (PSI) 'DEBRIS REMOVAL' LOCATIONS AND 'CLEARING, SPECIAL' LOCATIONS ARE IDENTIFIED ON THE 'PRELIMINARY SITE INVESTIGATION DEBRIS REMOVAL' PLANS. THE (PSI) DEBRIS REMOVAL ITEMS CORRESPONDING TO THE IDENTIFIED LOCATIONS ARE LISTED IN THE SPECIAL PROVISIONS AND ARE PAID AS DEBRIS REMOVAL. THIS DEBRIS REMOVAL MUST BE COMPLETED PRIOR TO CLEARING OPERATIONS.
- 14. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER THREE (3) DAYS IN ADVANCE OF ANY CLEARING OR CONSTRUCTION ACTIVITY WITHIN THE METRO EAST SANITARY DISTRICT (MESD) EASEMENT.
- SOME VARIATIONS IN REMOVAL QUANTITIES AND FURNISHED EMBANKMENT QUANTITIES DUE TO ONGOING NON-CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ARCHAEOLOGICAL INVESTIGATION IS TO BE EXPECTED. ADJUSTMENTS FOR SUCH VARIATIONS SHALL BE MADE IN THE FIELD BY THE ENGINEER. ALL REMOVAL ITEMS THAT HAVE BEEN DISPLACED DUE TO ONGOING NON-CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ ARCHAEOLOGICAL INVESTIGATION, BUT REMAIN ON SITE, MUST BE REMOVED BY THE CONTRACTOR PER THE CONTRACT PLANS. QUANTITIES FOR REMOVAL ITEMS THAT NO LONGER REMAIN ON SITE SHALL BE SUBTRACTED FROM THE CONTRACT AT NO EXPENSE TO THE CONTRACT AT THE DIRECTION OF THE ENGINEER
- THE PAVEMENT CORE/ THICKNESS DATA IS FOR INFORMATION ONLY. THE ACTUAL PAVEMENT THICKNESSES MAY VARY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR VARIATIONS IN PAVEMENT THICKNESS FROM PLAN NOTES.
- ALL SAW CUTS REQUIRED FOR ANY REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER UPON COMPLETION OF EACH INDIVIDUAL REMOVAL ACTIVITY WHICH WILL REQUIRE BACKFILL, PRIOR TO ANY BACKFILL ACTIVITY.
- THE CONTRACTOR SHALL BE ADVISED THAT ONGOING ARCHAEOLOGICAL EXCAVATIONS ARE TO BE EXPECTED WITHIN STATE RIGHT OF WAY DURING THIS CONTRACT.

#### EROSION AND SEDIMENT CONTROL

- 1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
- 2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- 4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
- 5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE EROSION CONTROLMEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
- 6. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING/DISTURBANCE AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED/DISTURBED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE. THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
- 7. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE - SEEDING, CLASS 7) WITHIN 7 CALENDAR DAYS, TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, TEMPORARY SEEDING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
- 8. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
- 9. ALL AREAS DISTURBED FOR ANY REASON SHALL BE TEMPORARILY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE RESTORED TO THE ORIGINAL TOPOGRAPHY AND SEEDED AT THE CONTRACTOR'S EXPENSE.
- 10. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
- 11. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
- 12. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.
- 13. AT THE COMPLETION OF CONSTRUCTION ACTIVITIES, THE CONSTRUCTION ENTRANCES SHALL BE REMOVED, AND THE PERIMETER EROSION BARRIER (PEB) SHALL BE REMOVED.

#### INDEX OF SHEETS

#### SHEET NO. DESCRIPTION

- COVER SHEET INDEX OF SHEETS/ HIGHWAY STANDARDS/ GENERAL NOTES
- 3 4 SUMMARY OF QUANTITIES SCHEDULE OF QUANTITIES
- ALIGNMENT, TIES, AND BENCHMARKS
- DEMOLITION PLANS
- BUILDING REMOVAL PLANS
- PRELIMINARY SITE INVESTIGATION DEBRIS REMOVAL PLANS
- MAINTENANCE OF TRAFFIC SUGGESTED STAGING
- EROSION AND SEDIMENT CONTROL PLANS 17 - 18
- EROSION CONTROL, DRAINAGE DETAILS
- 20 22 UTILITY PLANS BY TBE
- PLAT OF HIGHWAYS 23 - 25

## HIGHWAY STANDARDS

- 000001 -05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001 -04 TEMPORARY EROSION CONTROL SYSTEMS
- 664001 -02 CHAIN LINK FENCE
- 701001 -02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY 701006 -03 OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO
- 600 MM (24") FROM PAVEMENT EDGE
- 701301 -03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501 -05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901 -01 TRAFFIC CONTROL DEVICES

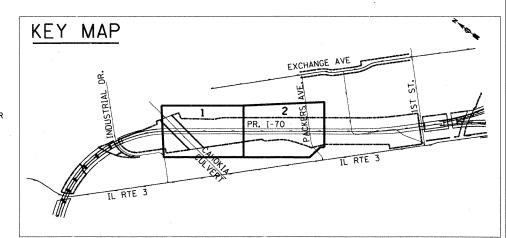
INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM.

#### GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING JULLIE. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
- \* AmerenCIPS ELECRIC \* AmerenIP GAS
- AT&T ILLINOIS COMMUNICATIONS
   CITY OF EAST ST. LOUIS LIGHTING
   ILLINOIS AMERICAN WATER COMPANY WATER
- OWEST SOLUTIONS CENTER COMMUNICATIONS CITY OF EAST ST. LOUIS SANITARY SEWER
- ST. LOUIS NATIONAL STOCKYARDS- WATER, ELECTRIC, SEWER
- MEMBERS OF J.U.L.I.E. (800-892-0123) AREA INDICATED BY AN \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE SPECIAL PROVISIONS FOR POTENTIAL UTILITY CONFLICTS.
- THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THERE ARE WATER MAINS MAINTAINED BY THE ILLINOIS AMERICAN WATER COMPANY (IAWC) AND/OF PRIVATE OWNERS WITHIN THE R.O.W. THE CONTRACTOR SHALL LOCATE THE WATER MAIN LOCATIONS IN CONJUNCTION WITH TAWC AND/OR PRIVATE OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION IN THESE AREAS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

#### COMMITMENTS

- 1. ANY WATER WELLS FOUND DURING CONSTRUCTION WILL BE SEALED ACCORDING TO THE SPECIAL PROVISIONS IN ORDER TO PREVENT GROUNDWATER POLLUTION FROM CONSTRUCTION AND FROM FUTURE ROADWAY MAINTENANCE.
- 2. THE TREE REMOVALS WILL BE MITIGATED IN A FUTURE CONTRACT AS PART OF THE IDOT TREE REPLACEMENT PROGRAM UNDER DEPARTMENT POLICY D & E-18.
- 3. PACKERS AVE. WILL REMAIN OPEN TO TRAFFIC THROUGHOUT THE ENTIRE CONTRACT.
- 4. SEVERAL ILLINOIS AMERICAN WATER MAINS WILL REMAIN IN SERVICE DURING DEMOLITION ACTIVITIES. THESE WATER MAINS AS IDENTIFIED ON THE DEMOLITION PLANS WILL REQUIRE THE CONTRACTOR TO IDENTIFY AND STAKE THE EXISTING LOCATIONS, PROTECT WITH TEMPORARY FENCE, AND PROHIBIT ACCESS ACCROSS THESE WATER MAINS FOR HEAVY CONSTRUCTION VEHICLES



					_
ILE NAME =	USER NAME = \$USER\$	DESIGNED -	JB	REVISED -	
FILELS		DRAWN -	JB	REVISED -	
TENE & ASSOCIATES INC	PLOT SCALE = \$SCALE\$	CHECKED -	ACL	REVISED -	
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = \$DATE\$	DATE -	08/07/09	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 1-70 CONNECTION

*	HIG	HWAY	X OF SHE STANDAI NERAL NOT	RDS AND	)
SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.

COUNTY TOTAL SHEE SECTION ST. CLAIR 25 998 82-1DM-1 CONTRACT NO. 76C68 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

### SUMMARY OF QUANTITIES

			URBAN				ST. C	AIR COUNTY			
				ROADWA I-70 100% ST							
CODE NO.	ITEM	UNIT	TOTAL				CONSTRU	CTION TYPE CODE			 
	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	QUANTITY 910	910	· ·						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	300	300							
20100500	TREE REMOVAL, ACRES	ACRE	11.3	11.3							
20400800	FURNISHED EXCAVATION	CU YD	8,307	8,307							
25000350	SEEDING, CLASS 7	ACRE	20.7	20.7							
	MULCH, METHOD 2	ACRE	20.7	20.7		,					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,070	2,070							
28000400	PERIMETER EROSION BARRIER	FOOT	5,577	5,577			-				
44000100	PAVEMENT REMOVAL	SQ YD	13,021	13,021							
50104600	CONCRETE RETAINING WALL REMOVAL	FOOT	167	167							
55100200	STORM SEWER REMOVAL 6"	FOOT	136	136			-				
55100500	STORM SEWER REMOVAL 12"	FOOT	21	21						,	
55101200	STORM SEWER REMOVAL 24"	FOOT	322	322							
66410300	CHAIN LINK FENCE REMOVAL	FOOT	735	735	2						
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6							
67100100	MOBILIZATION	L SUM	1	1							
67201000	SEALING ABANDONED WATER WELLS	EACH	1	1							
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	1	1							-
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	250	250							
X2010505	CLEARING, SPECIAL	L SUM	1	1							
XX001758	WOOD FENCE REMOVAL	FOOT	71	71							
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	250	250							
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1							
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1	1							
Z0007604	BUILDING REMOVAL NO. 4	L SUM	1	1							
Z0007605	BUILDING REMOVAL NO. 5	L SUM	1	1							
Z0007610	BUILDING REMOVAL NO. 10	L SUM	1	1							
Z0013300	CONCRETE REMOVAL (SPECIAL)	SO YD	10,750	10,750							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							

- DENOTES SPECIALTY ITEMS

DESIGNED - JB REVISED USER NAME = \$USER\$ STATE OF ILLINOIS SUMMARY OF QUANTITIES 1 REVISED DRAWN - JB DEPARTMENT OF TRANSPORTATION PLOT SCALE = \$SCALE\$ CHECKED ACL REVISED I-70 CONNECTION TENG \* ASSOCIATES, INC.
ENGINERS/ARCHITECTS/PLANNERS
PLOT DATE = \$DATE\$ 08/07/09 REVISED SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA. DATE

			URBAN			ST.	CLAIR COUNT	Y				
				ROADWAY								
				I-70 100% STATE								
				IOON STATE		CONST	DUCTION TYPE	CODE				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	Y004		CUNST	RUCTION TYPE	CODE	T			
Z0015500	DEBRIS REMOVAL	L SUM	1	1								
70018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	4	4								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
• Z0049803	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1	1								
70049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1	1								
* Z0049903	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1	1								
* Z0049904	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 4	L SUM	1	1								
• Z0049910	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 10	L SUM	1	1								
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\* DENOTES SPECIALTY ITEMS

| NO. REVISED -DESIGNED - JB STATE OF ILLINOIS USER NAME = \$USER\$ SUMMARY OF QUANTITIES 2 REVISED DRAWN DEPARTMENT OF TRANSPORTATION PLOT SCALE = \$SCALE\$ CHECKED - ACL REVISED I-70 CONNECTION - 08/07/09 REVISED SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

	REMOVAL	16 10	TOTAL		<b>()</b>
			TOTAL	910 UNI	
STA.	OFF.	IN.	STA.	OFF.	
154+33	106 RT	10	170+57	210 LT	
154+48	118 RT	12	170+60	216 LT	
154+61	20 RT	10	170+67	221 LT	
155+00	74 LT	8 12	170+78	214 LT	
155+49	66 RT	12	170+87	213 LT	
155+55	123 LT	8	170+96	222 LT	
155+65	70 RT	8	171+15	227 LT	
155+65	64 RT	12	171+54	89 RT	
155+69	68 RT	8	171+59	234 LT	
156+10	52 RT	6	171+59	57 RT	
156+18	50 RT	8	171+81	145 LT	
156+23	51 RT	8	172+28	107 LT	
156+81	186 RT	8	172+30	91 RT	
158+68	148 RT	12	172+31	120 LT	
158+68	130 RT	6	172+42	96 LT	
159+14	102 RT	10	172+44	111 LT	
159+21	148 RT	8	172+46	89 LT	••••
163+81	221 LT	8	172+58	185 LT	
163+88	211 LT	8	172+64	164 LT	
163+93	49 RT	6	172+65	151 LT	
163+94	54 LT	12	172+68	152 LT	
164+11	78 LT	6	172+70	152 LT	
164+21	73 LT	6	172+72	18 LT	
164+27	165 LT	8	172+75	49 LT	
164+31	167 LT	8	172+81	134 LT	
164+34	90 LT	12	172+85	23 LT	
164+50	196 LT	6			
164+53	200 LT	6			
164+55	32 LT	6			
164+64	127 LT	6			
164+75	61 LT	6			
165+09	147 LT	8			
165+20	32 RT	10			
165+23	86 LT	12			
165+26	111 LT	6			
165+28	46 LT	10			
165+59	30 LT	6			
165+67	117 LT	8			
166+34	40 LT	6			
166+38	60 LT	6			
166+61	94 LT	6			
167+18	78 LT	8			
167+70	43 LT	10			
167+77	233 LT	8			
168+18	15 RT	14			_
169+09	73 LT	6			
169+18	79 LT	6			
169+37	76 LT	8			
169+35	201 LT	8			
169+35	200 LT	6			
169+43	216 LT	6			
169+62					
169+82		10			
	66 LT	14			
169+82	221 LT	12			
169+84	221 LT	6			
169+91	187 LT	14			
169+94	183 LT	8			
169+96	195 LT	12			
170+00	197 LT	14			
170+01	189 LT	88			
170+05	192 LT	6			
170+10	209 LT	12			
170+11	61 LT	14			
170+13	197 LT	12			
170+15	60 LT	12			
	211 LT	12			
170+13					
170+17	197 LT	14			
170+20	42 LT	12			-
170+27	212 LT	14			
170+35	230 LT	6			
170+47	217 LT	8			
170+48	6 RT	88			_
170+50	228 LT	10			
170+54	207 LT	14			
170+56	228 LT	8			
		-			

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

PERIMETE	R EROSION B	ARRIER	TOTAL	5,577 FOOT
FROM	1	TO		
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT
	271.39 LT N/A		N/A 278.92 RT	2,745 2,832

SEEDING, CLASS 7
MULCH, METHOD 2
TEMPORARY EROSION CONTROL SEEDING
(AT 100 LBS PER ACRE)

TOTAL 20.7 ACRE

STA. OFF. STA. OFF. SUBTOTALS
ACRE

149+57.46 271.39 LT 162+00.00 N/A
162+00.00 N/A 173+98.77 278.92 RT 10.5

DRAINAGE	STRUCTURE TO	BE REMOVED	TOTAL	4	EACH
	STA.	OFF.		SUE	STOTALS CH
	153+88.30	192.99 LT		1	
	153+92.67	7.44 LT		1	
	171+23.50	163.81 LT		1	
	171+85.27	142.06 LT		1	

TREE	REMOVAL	(OVER	15 UNITS	DIAMETER	)
			TOTAL	300 UNI	T
STA.	OFF.	IN.	STA.	OFF.	IN.
154+54	118 RT	18	171+18	215 LT	16
154+57	118 RT	18	171+79	64 LT	16
155+65	129 LT	24	171+87	148 LT	24
155+86	113 LT	16			
156+45	40 RT	18			
156+71	181 RT	16			
158+83	127 RT	18			
160+30	59 LT	16			
161+40	76 RT	24			
165+05	5 RT	24			
168+41	68 LT	18			
168+42	67 LT	18			
170+53	179 LT	16			

TREE REMO	OVAL, ACRES		TOTAL	11.3 ACRE
FR	ОМ	TO		
STA.	OFF.	STA.	OFF.	SUBTOTALS ACRE
149+61.52	267.32 LT	151+13.55	226.03 LT	0.109
150+27.84	200.64 LT	155+65.49	113.29 LT	1.920
153+04.26	215.21 LT	156+25.06	208.25 LT	0.224
154+42.07	1.53 LT	154+93.38	19.69 RT	0.036
154+39.64	212.29 RT	161+41.27	104.01 RT	3.280
154+55.06	95.06 RT	155+65.58	50.61 RT	0.073
155+11.69	30.33 LT	156+57.99	24.90 LT	0.161
155+94.39	175.81 LT	159+16.56	235.00 LT	0.261
158+14.62	139.64 LT	159+37.87	136.58 LT	0.133
159+37,20	198.08 LT	159+90.86	235.00 LT	0.035
159+39.18	187.93 LT	159+81.46	165.90 LT	0.025
160+18.65	235.00 LT	160+45.54	235.00 LT	0.008
160+28.34	76.47 LT	165+10.78	99.41 RT	2.315
160+77.53	235.00 LT	161+39.65	235.00 LT	0.112
163+78.38	177.84 LT	166+45.56	27.56 RT	0.469
164+75.87	100.13 LT	165+50.23	112.70 LT	0.044
165+12.51	102.11 RT	168+98.47	25.39 RT	0.467
165+52.47	111.12 LT	169+55.80	235.00 LT	0.821
168+49.69	13.00 RT	169+95.90	235.00 LT	0.108
169+17.84	143.50 RT	172+95.55	235.00 LT	0.711

AVEMENT REM	OVAL				TOTAL	13,021	SQ YE
STA.	OFF	STA.	OFF	TYPE		SUBTOT	ALS
163+71.40	-235.00	169+93.19	-235.00	ASPHALT		6.927	
164+46.40	60.87	165+85.20	71.21	ASPHALT		958	
170+94.92	154.82	172+78.44	212.21	ASPHALT		410	
171+76.35	-235.00	172+52.88	84.84	ASPHALT		906	
172+45.60	-235.00	173+09.17	84.33	ASPHAL T		517	
164+91.87	-87.17	168+86.78	-131.29	CONCRETE		2,382	
172+71.85	234.06	173+85.11	279.38	CONCRETE		521	
170+93.40	-159.96	171+88.99	-140.50	BRICK		377	
172+07.22	-151.01	172+22.55	-166.74	BRICK		23	

BUILDING REMOVAL		TOTAL		5	L SUM
	STA. OFF	STA.	OFF.		
BUILDING REMOVAL NO. 1	155+23.77 54.89	RT 156+30.45	47.75 LT	1	L SUM
BUILDING REMOVAL NO. 3	158+06.11 122.3	6 RT 158+32.54	94.61 RT	1	L SUM
BUILDING REMOVAL NO. 4	159+57.34 126.8	37 RT 160+63.81	27.82 RT	1	L SUM
BUILDING REMOVAL NO. 5	162+91.89 63.5	7 RT 163+07.28	28.52 RT	1	L SUM
BUILDING REMOVAL NO. 10	164+08.73 126.2	21 LT 164+22.01	152.58 LT	1	L SUM
	164+23.85 75.63	2 LT 164+44.22	90.11 LT		
STA/OFF ARE MEASURED FI	ROM NW TO SE CO	RNER			

				***************************************
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT
152+78.44	50.59 RT	155+57.26	145.73 LT	390
156+13.06	173.42 LT	157+94.08	211.14 LT	187
160+40.17	201.29 LT	161+67.51	182,24 RT	158

	<del></del>	CIAL)			10,750 SQ Y
FROM	И	ТО			
STA.	OFF	STA.	OFF	AREA (SF)	SUBTOTALS SQ YD
150+23.62	-228.72	150+30.36	234.03	47	5
152+33.42	-202.24	152+48.72	206.74	127	14
152+44.09	-206.5	152+56.24	-215.91	111	12
153+90.15	23.3	154+20.07	5.86	943	105
153+97.96	-195.66	154+46.91	-215.31	604	67
154+94.59	36.24	155+06.39	-55.93	2,929	325
154+28.51	34.17	154+35.72	24.50	67	7
154+36.31	4.99	154+38.56	1.88	7	1
154+48.53	40.61	154+55.64	39.63	7	1
154+51.81	61.99	154+58.62	60.30	5	1
154+73.42	16.22	154+85.49	11.02	124	14
154+68.31	52.12	154+84.09	52.05	105	12
154+99.56	68.98	155+01.78	66.15	6	1
155+02.54	65.8	155+15.05	48.93	346	38
155+07.09	282.76	159+45.24	44.86	80.179	8,909
155+09.04	58.5	155+23.56	56.73	100	11
155+17.40	67.8	155+19.47	65.18	6	1
155+33.89	63.45	156+62.03	-25.38	2,891	321
155+56.43	-184.14	156+10.77	-208.55	869	97
156+13.42	-49.27	156+23.30	-61.49	125	14
156+38.52	92.12	156+64.19	108.21	366	41
156+85.65	-185.53	157+29.37	-214.12	940	104
157+60.42	-207.05	157+71.16	-221.88	119	13
157+91.55	-218.69	158+14.90	-228.78	104	12
158+42.09	-164.35	158+96.75	-184.03	699	78
158+66.89	-158.75	158+76.34	-168.37	82	9
159+44.89	47.22	159+66.42	43.53	47	5
159+76.26	213.56	160+44.73	150.23	3,656	406
160+63.81	34.15	160+66.90	28.31	20	2
161+90.58	5.69	161+97.97	-3.73	70	8
163+91.43	-121.64	164+01.11	-138.82	180	20
164+45.80	-78.8	164+52.86	-91.04	99	11
164+32.37	-25.56	164+45.50	-41.05	188	21
173+54.41	205.51	173+37,40	49.09	584	65

FROM	1	TO		
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT
153+77.66	39.38 RT	153+78.09	46.64 RT	10
153+84.96	72.18 RT	153+86.30	79.58 RT	7
153+86.96	59.12 RT	153+88.08	68.54 RT	10
154+11.94	68.60 RT	154+13.75	76.64 RT	8
154+14.68	34.77 RT	154+15.66	45.86 RT	11
154+26.76	54.30 RT	154+27.46	65.12 RT	11
155+34.92	64.17 RT	156+43.54	46.67 RT	110

WOOD FEN	CE REMOVAL		TOTAL	71 F00T
FROM		TO		
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT
	200.30 LT 184.76 LT			45 26

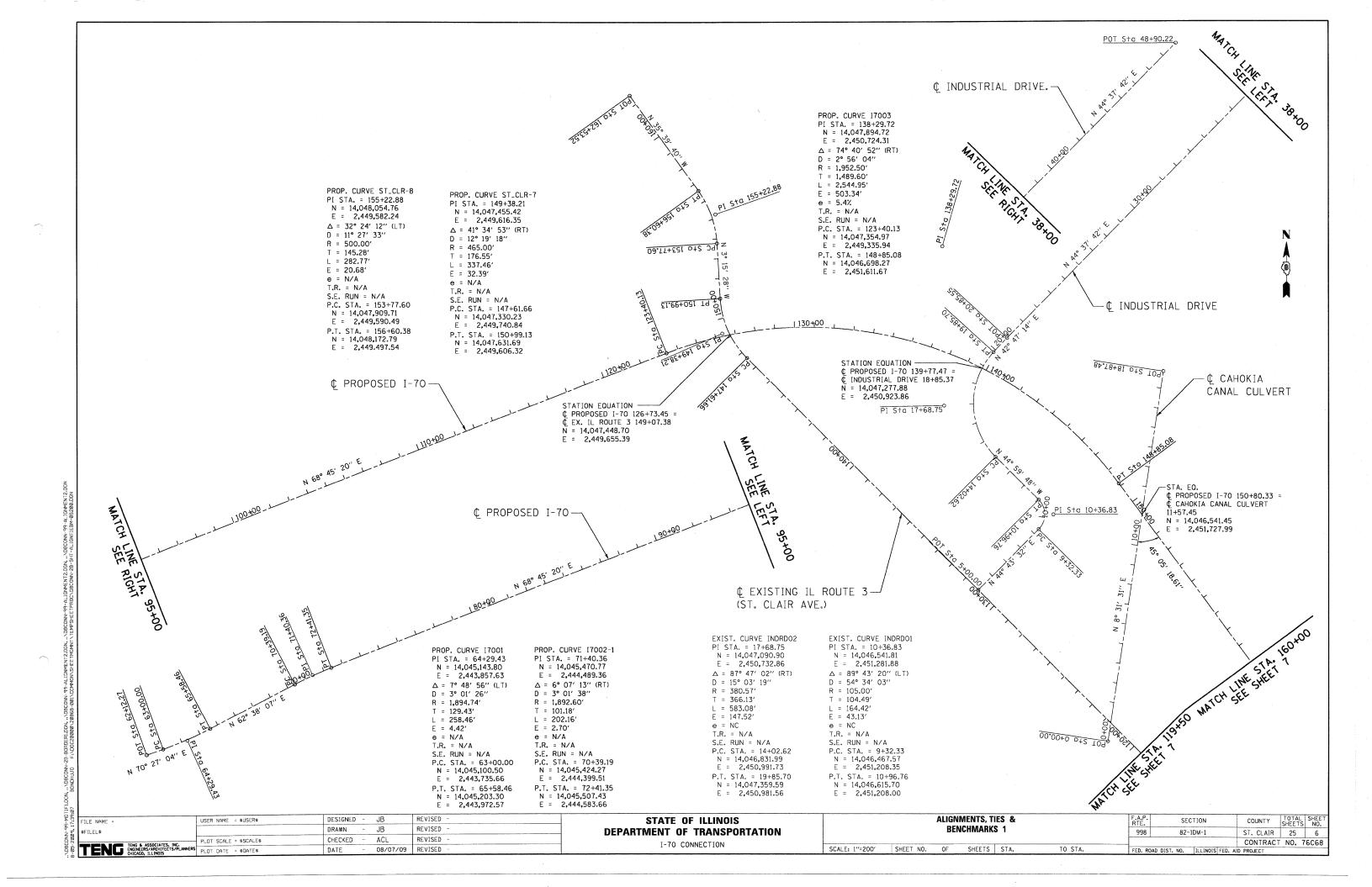
FURNISHED	EXCAVATIO	N				TOT	AL 8,307 CU YD
	AA-Malahana waxaa wa			AREA (SF)	DEPTH (FT	_)	SUBTOTALS CU YD
BUILDING N BUILDING N CONC REM DEPTH OF	NO. 4 NO. 5 NO. 10 SPL FURNISHED	EXCAVATION SHED GRADE	= 1'	8,999 664 439 257 96,752	1 1 1 1 1		333 25 16 10 3,583
STA.	OFF	PAVEMENT STA.	REMOVAL OFF.	AREAS TYPE	AREA SF	CORE DEPTH (IN.)*	
163+71.40 164+46.40 170+94.92 171+76.35 172+45.60	-235.00 60.87 154.82 -235.00 -235.00	169+93.19 165+85.20 172+78.44 172+52.88 173+09.17	-235.00 71.21 212.21 84.84 84.33	ASPH. ASPH. ASPH. ASPH. ASPH.	62,343 8,621 3,686 8,158 4,657	3.5 3.5 NA NA NA	2,309 319 137 302 172
164+91.87 172+71.85 170+93.40 172+07.22	-87.17 234.06 -159.96 -151.01	168+86.78 173+85.11 171+88.99 172+22.55	-131.29 279.38 -140.50 -166.74	CONC. CONC. BRICK BRICK	21,434 4,685 3392 209	12 NA NA NA	794 174 126 8
* DEPTH OF	FURNISHED	) EXCAVATIO	N TO BRI	NG BACK TO	FINISHED	GRADE = 1'	

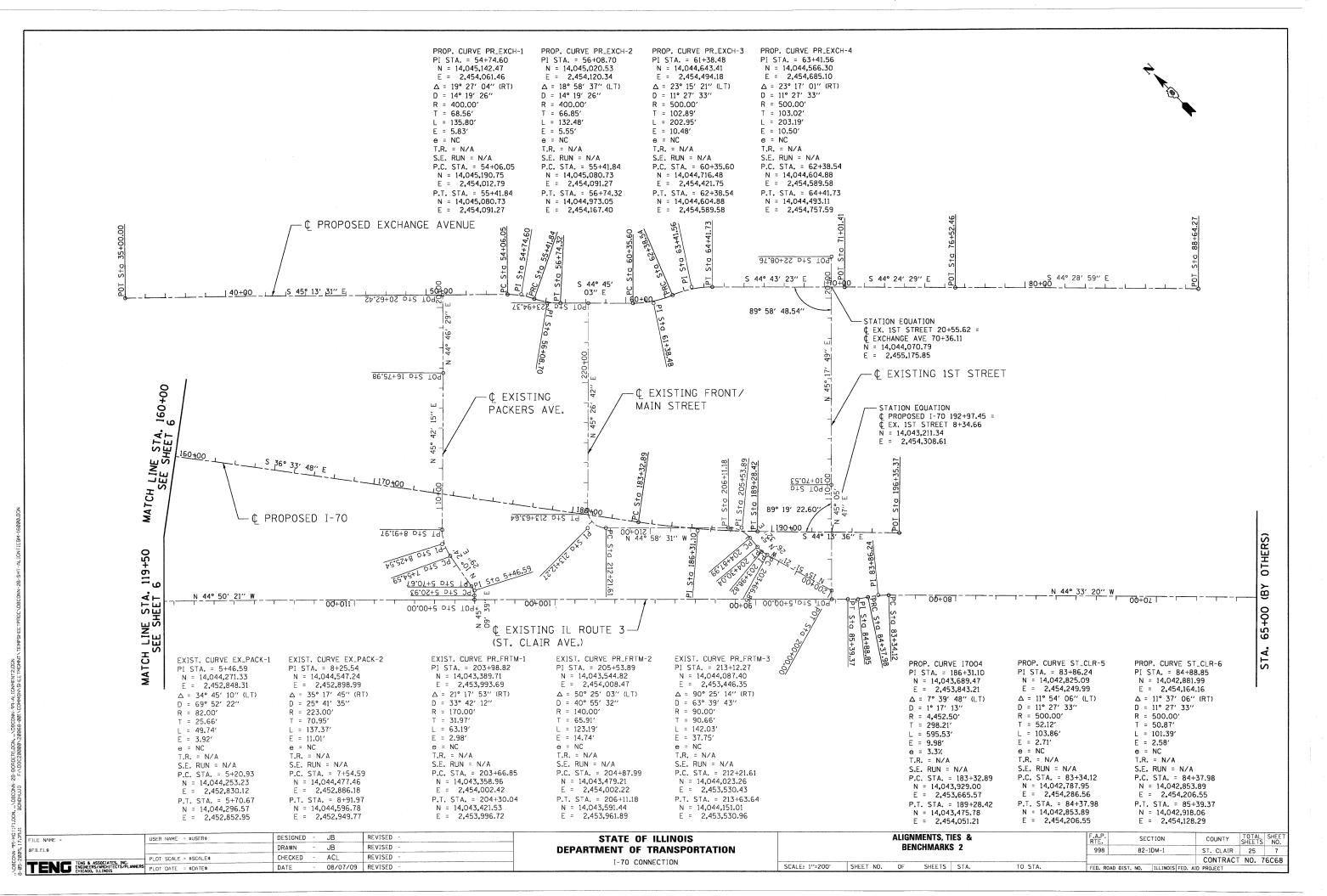
	ROM	TO			
Г	TOWI	10			~~~~~
					TOTAL
	STORM SEWER	REMOVAL 6"			FOOT
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT	
153+83.12	6.73 RT	153+92.52	7.43 LT	18	
153+92.52	7.43 LT	154+09.89	1.55 LT	18	136
153+90.86	12.81 LT	154+40.42	81.66 LT	84	
171+71.21	134.64 LT	171+85.14	141.99 LT	16	
	STORM SEWER	REMOVAL 12"			
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT	
153+92.52	7.43 LT	154+12.04	14.80 LT	21	21
-	STORM SEWER	REMOVAL 24"			······································
STA.	OFF.	STA.	OFF.	SUBTOTALS FOOT	
152+92.73	189.06 LT	153+88.15	192.98 LT	96	
153+60.52	177.23 LT	153+88.15	192.98 LT	32	
154+18.55	217.41 LT	153+88.15	192.98 LT	39	322
154+68.72	219.11 LT	153+88.15	192.98 LT	85	322
171+10.38	149.69 LT	171+36.52	178.78 LT	40	
171+71.97	137.24 LT	171+99.33	149.49 LT	30	

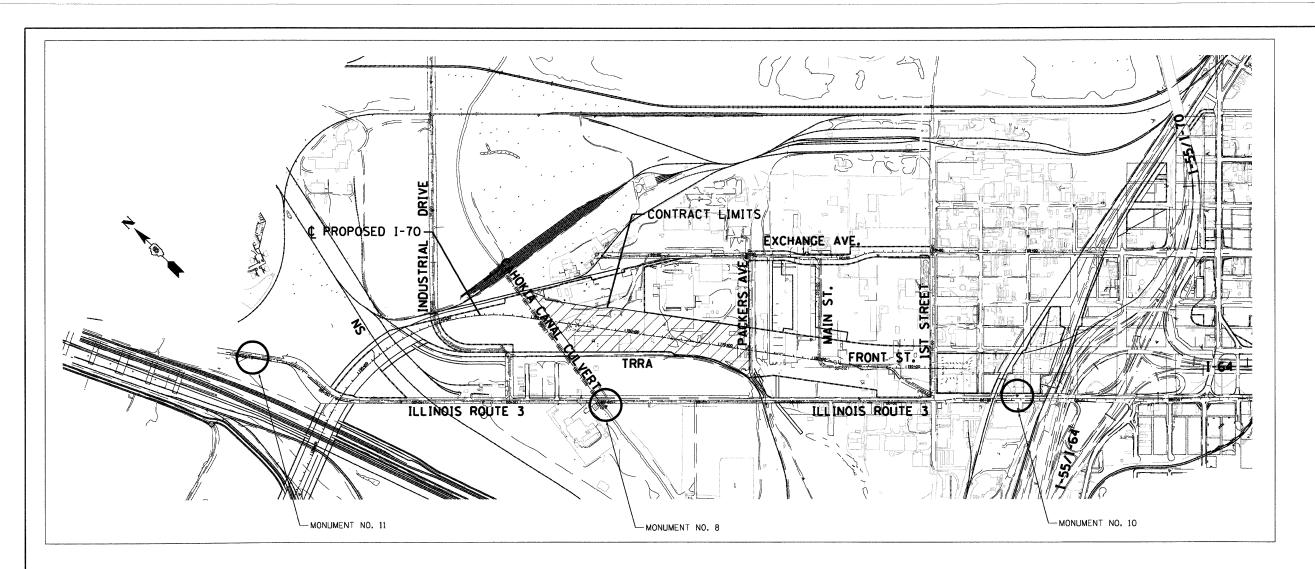
FILEL\$ DRAWN - JB REVISED -	
TEND & ASSOCIATES IN PLOT SCALE = \$SCALE\$ CHECKED - ACL REVISED -	
TENO TENO & ASSOCIATES, INC.  ENGINEERS ARCHITECTS ANAMERS PLOT DATE = \$DATE\$  DATE - 08/07/09 REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
I-70 CONNECTION

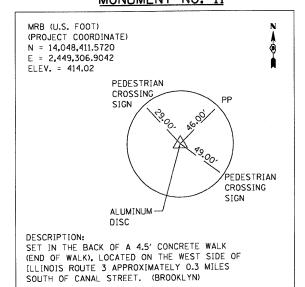
F. R								TION	COUNTY	TOTAL	SHEET NO.
SCHEDULE OF QUANTITIES 1							82-10	DM-1	ST. CLAIR	25	5
				CONTRACT	NO. 7	76068					
SCALE: N.T.S.	SHEET NO.	0F	SHEETS	STA.	TO STA.	FED. RO	AD DIST. NO.	ILLINOIS FED. AI	D PROJECT		



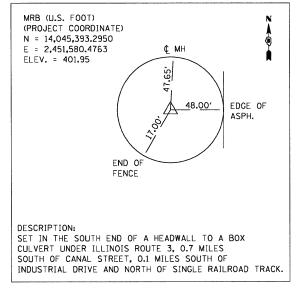




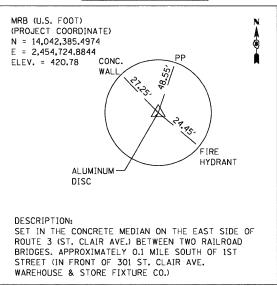
#### MONUMENT NO. 11



#### MONUMENT NO. 8



#### MONUMENT NO. 10



SECTION

82-1DM-1

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

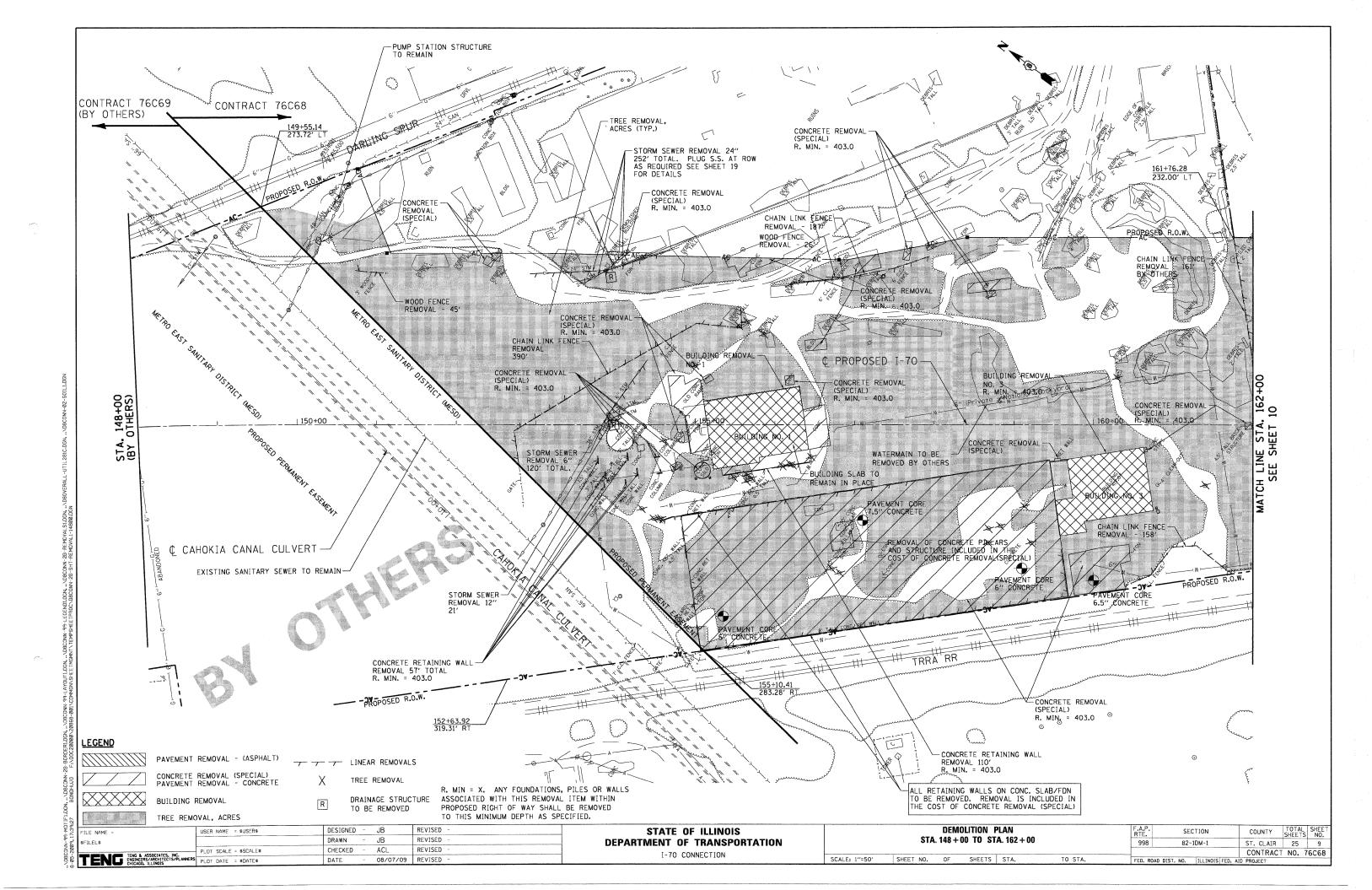
998

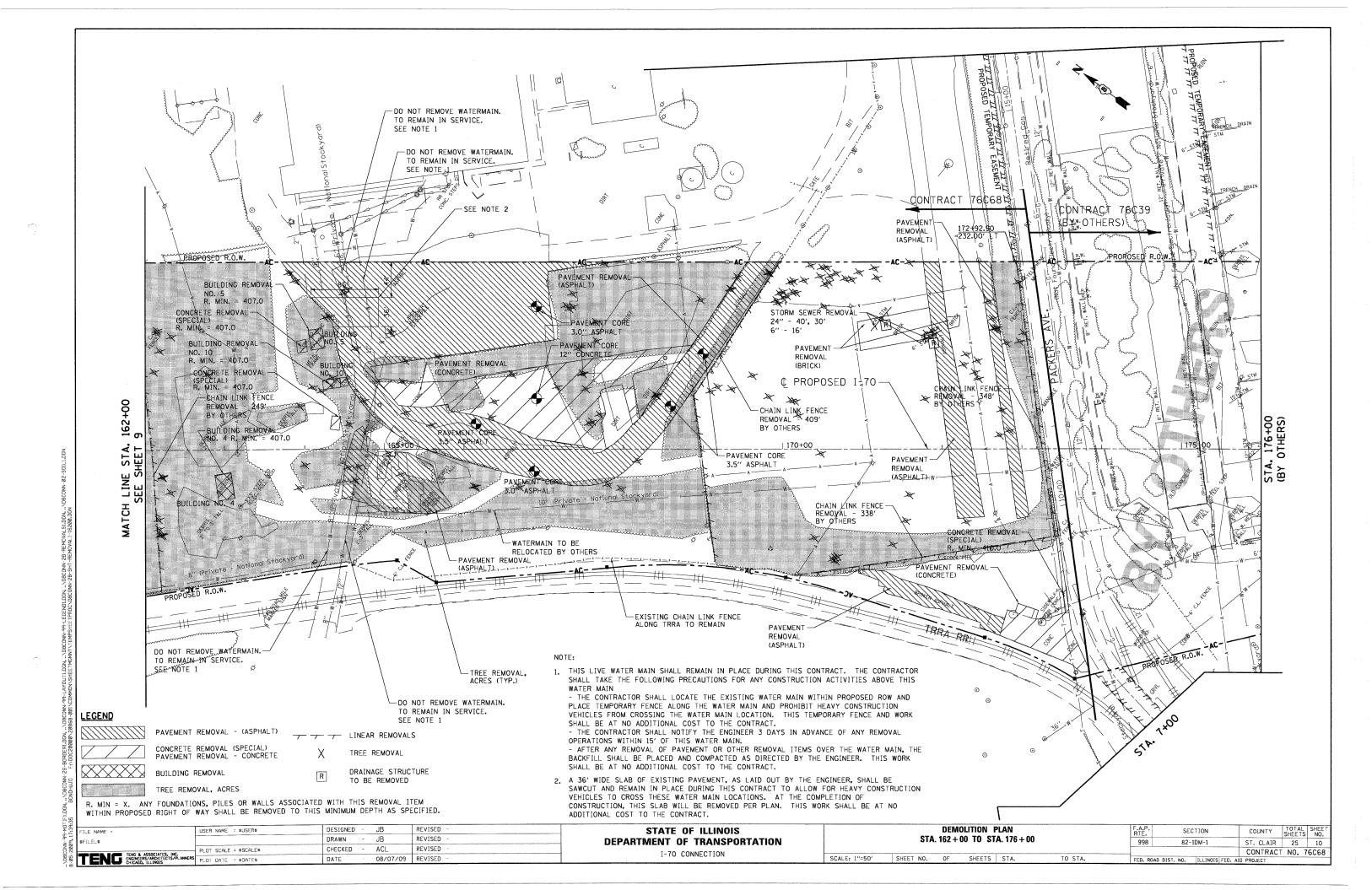
TO STA.

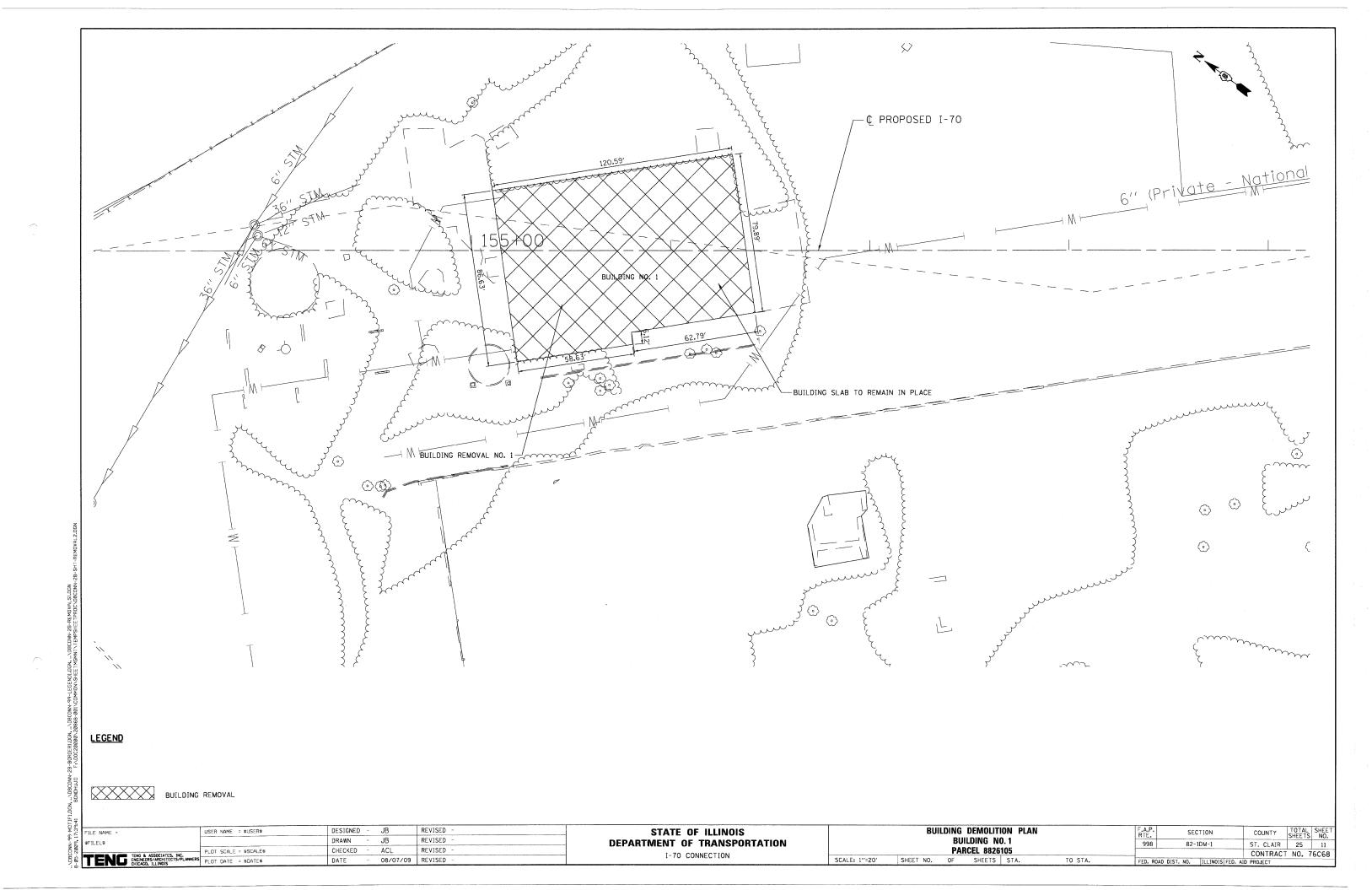
ST. CLAIR 25 8

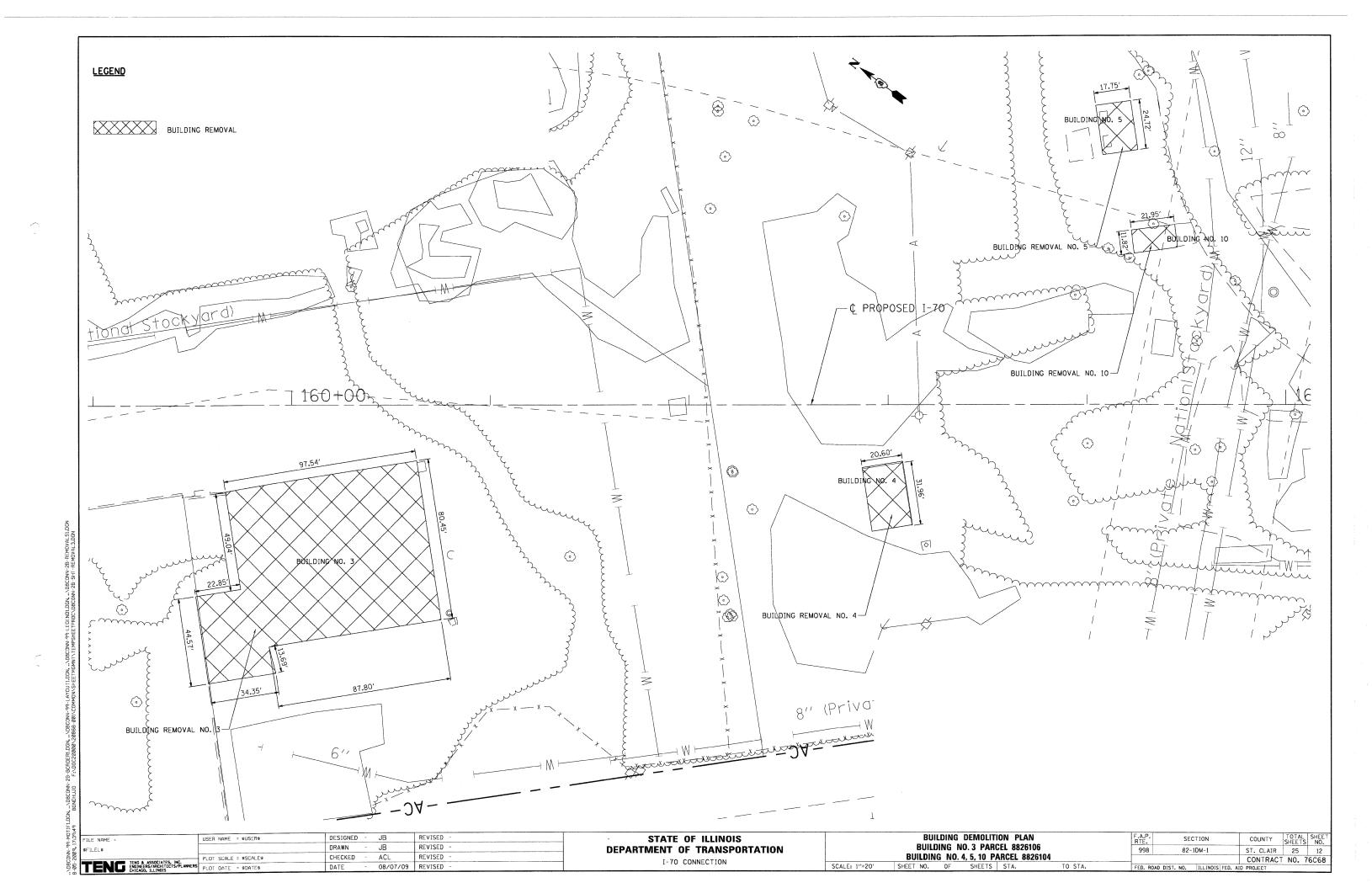
CONTRACT NO. 76C68

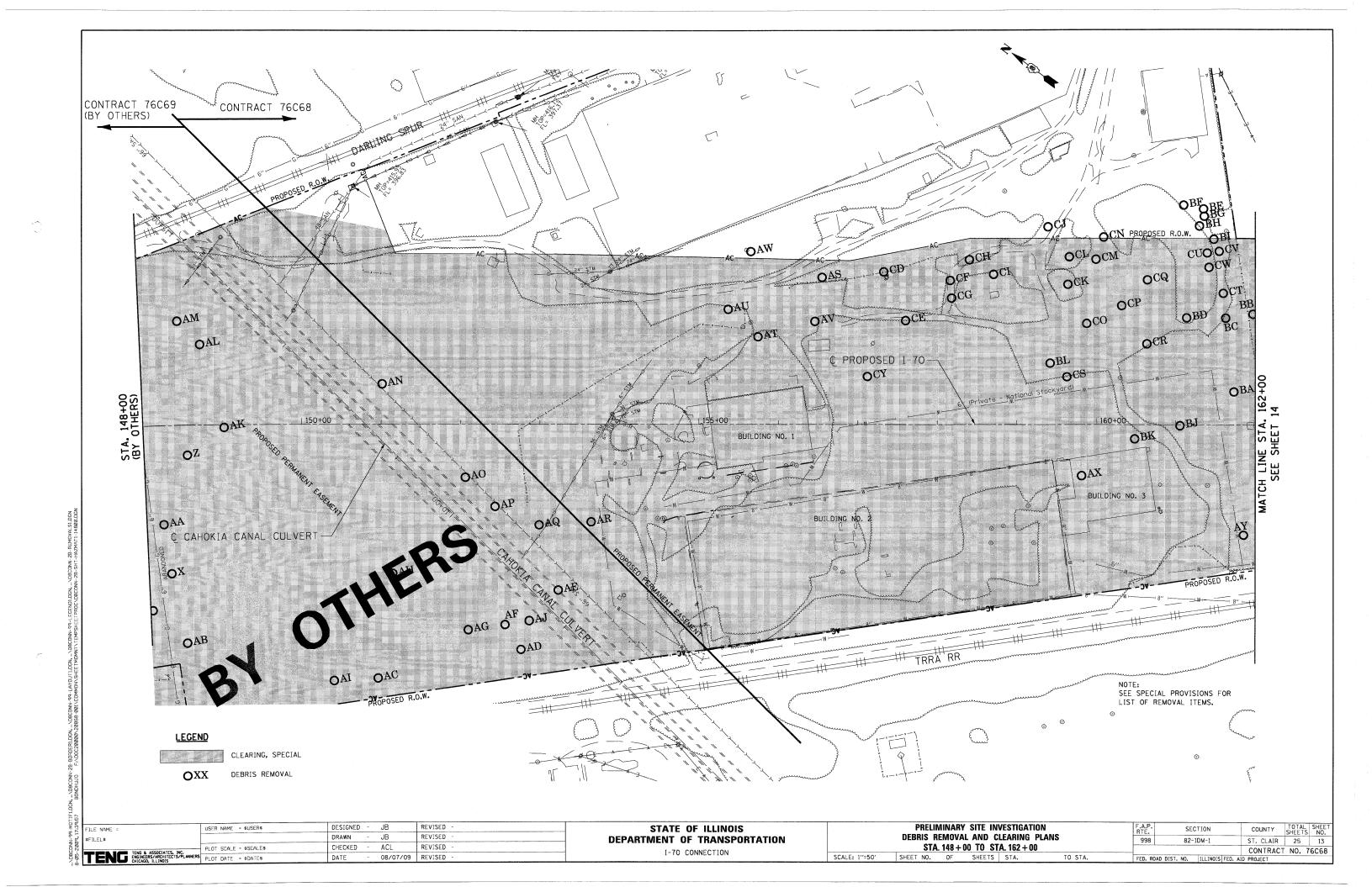
7:39	FILE NAME =	USER NAME = \$USER\$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS			ALIGNMENTS	.,
19,1	\$FILEL\$		DRAWN - JB	REVISED -	DEPARTMENT OF TRANSPORTATION			BENCHMA	RKS 3
200 200	The second secon	PLOT SCALE = \$SCALE\$	CHECKED - ACL	REVISED -	I-70 CONNECTION				
92-58	TEN ENGINEERS/ARCHITECTS/PLANNERS	PLOT DATE = \$DATE\$	DATE - 08/07/0	REVISED -	1-10 CONNECTION	SCALE: 1"=500"	SHEET NO.	OF SHEE	TS STA.

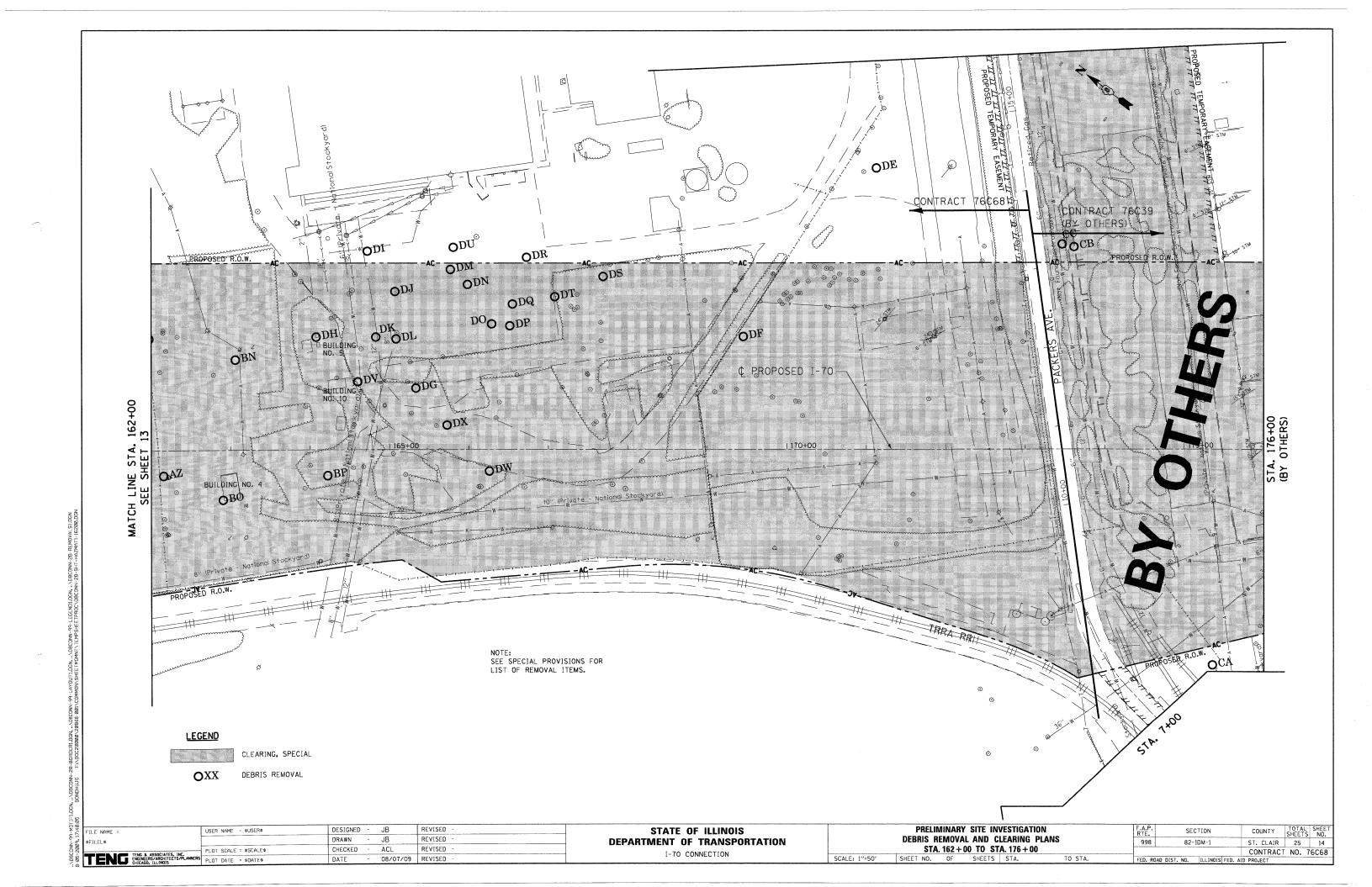


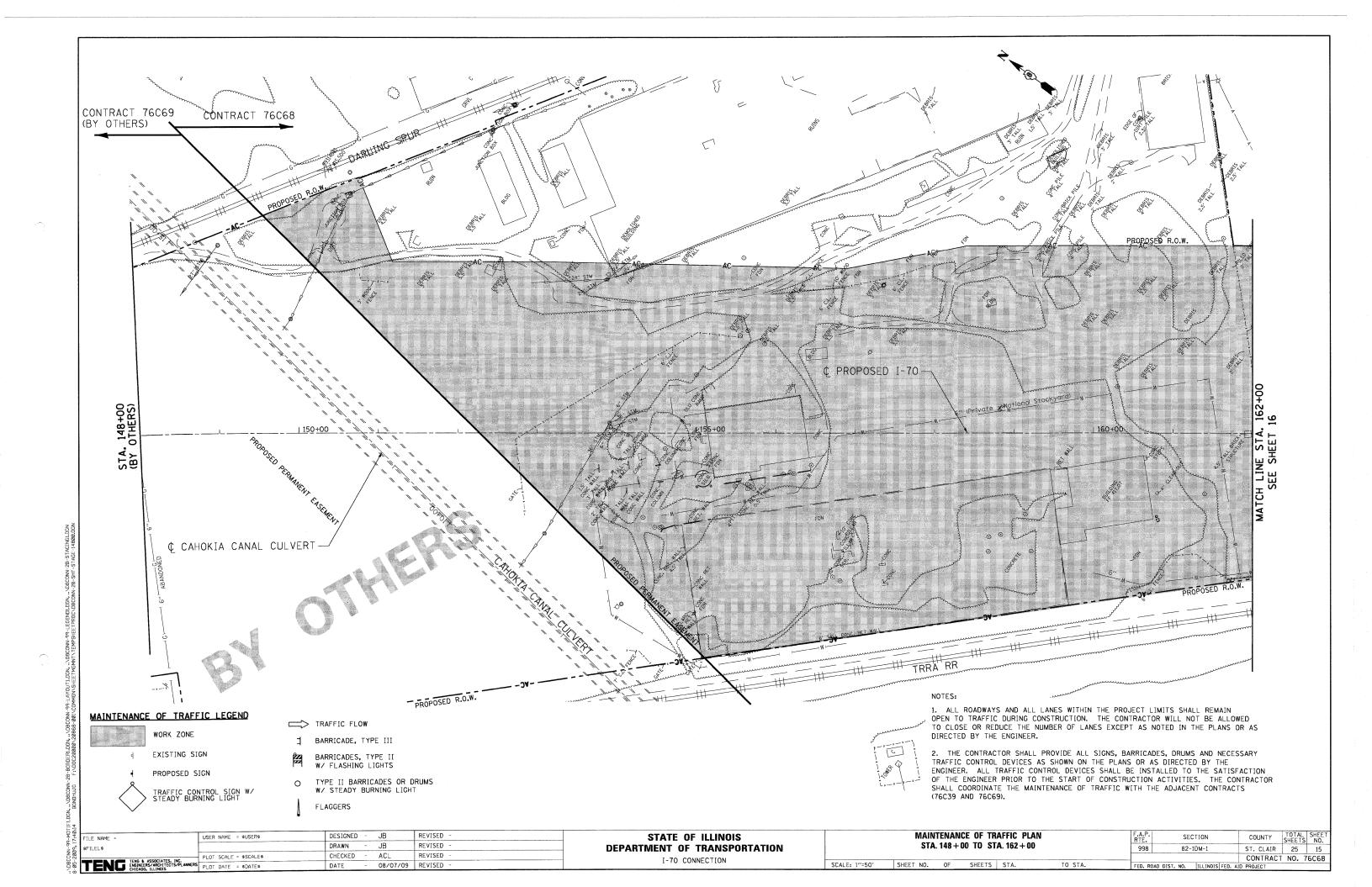




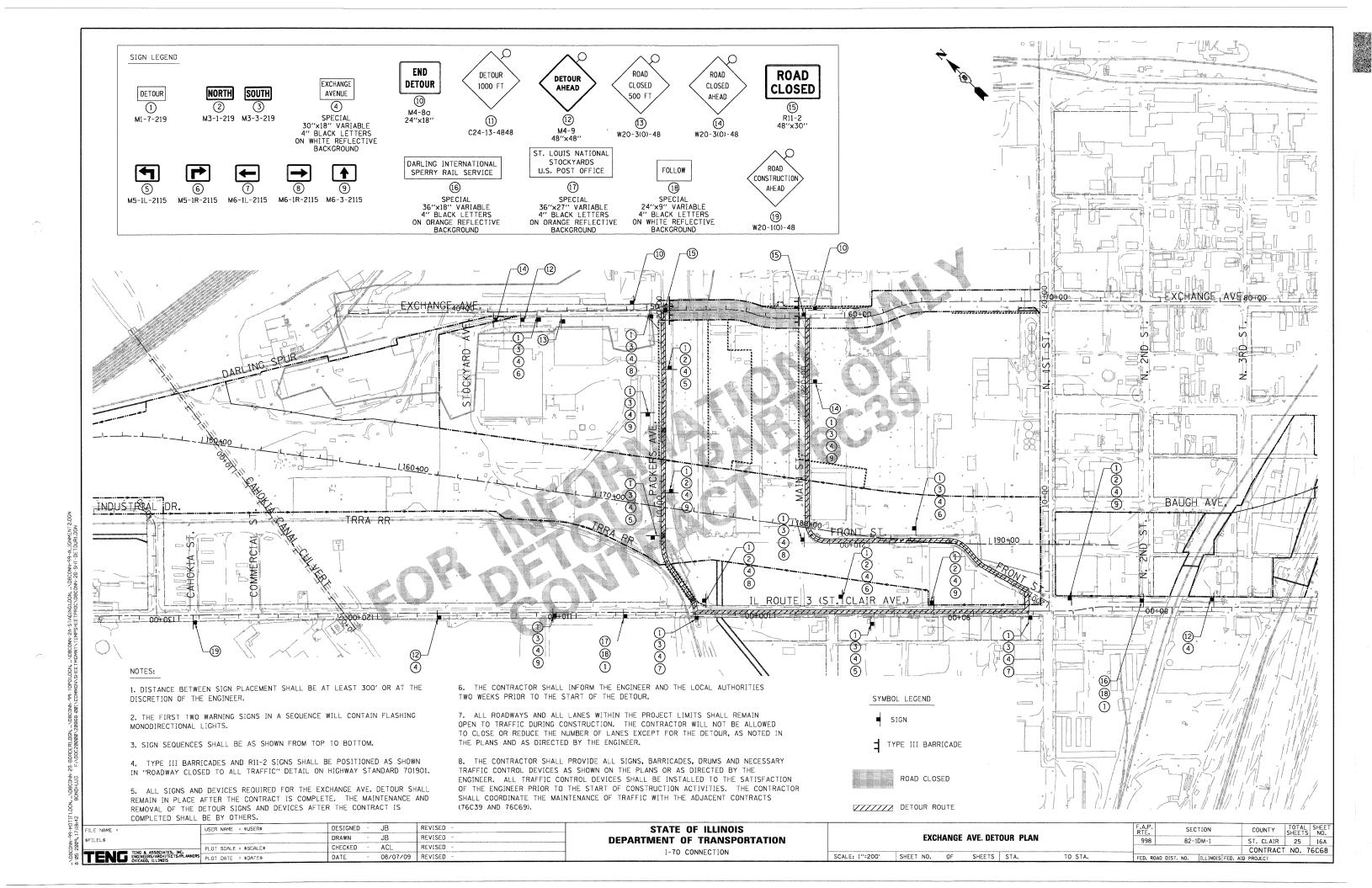


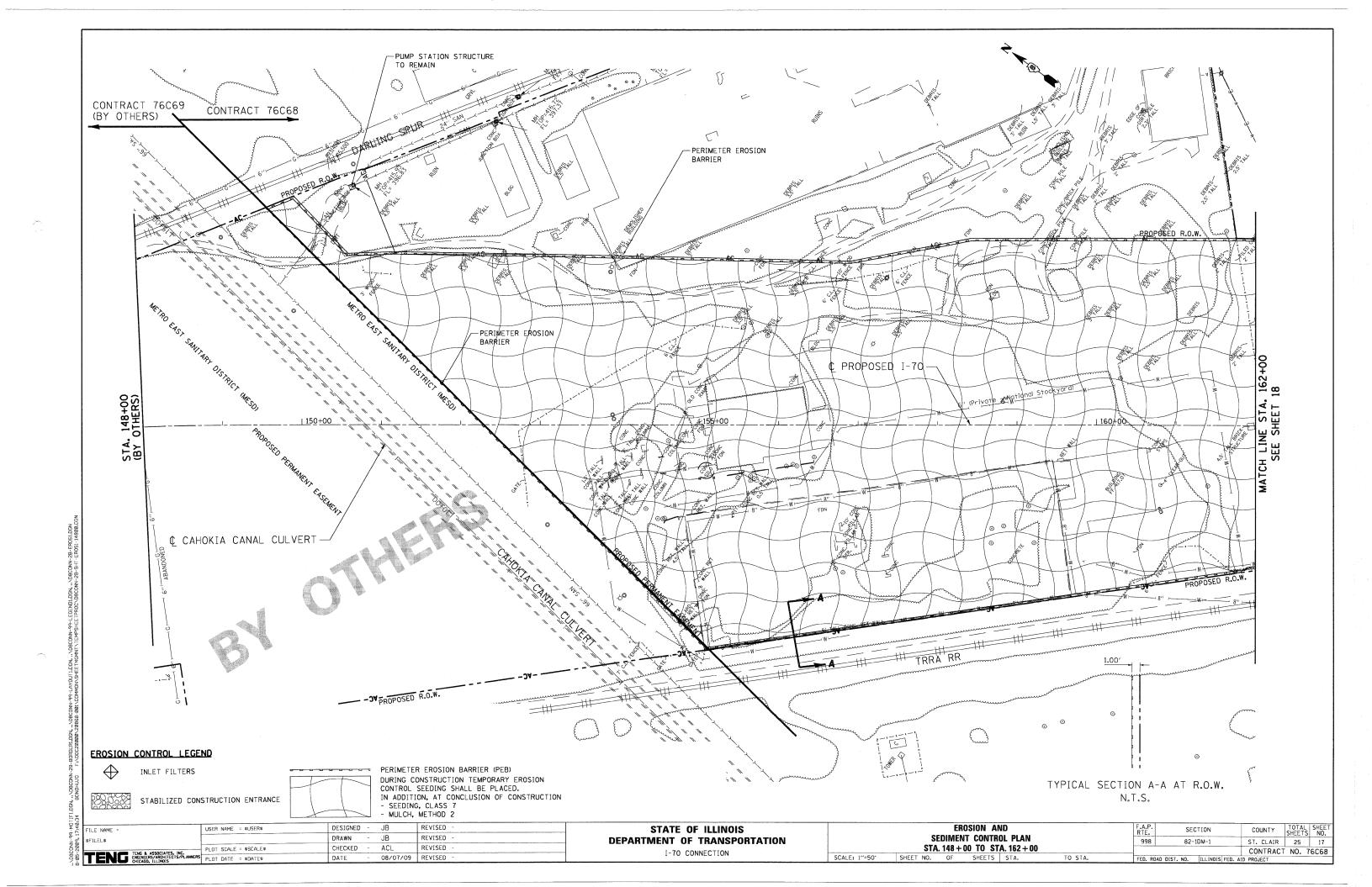


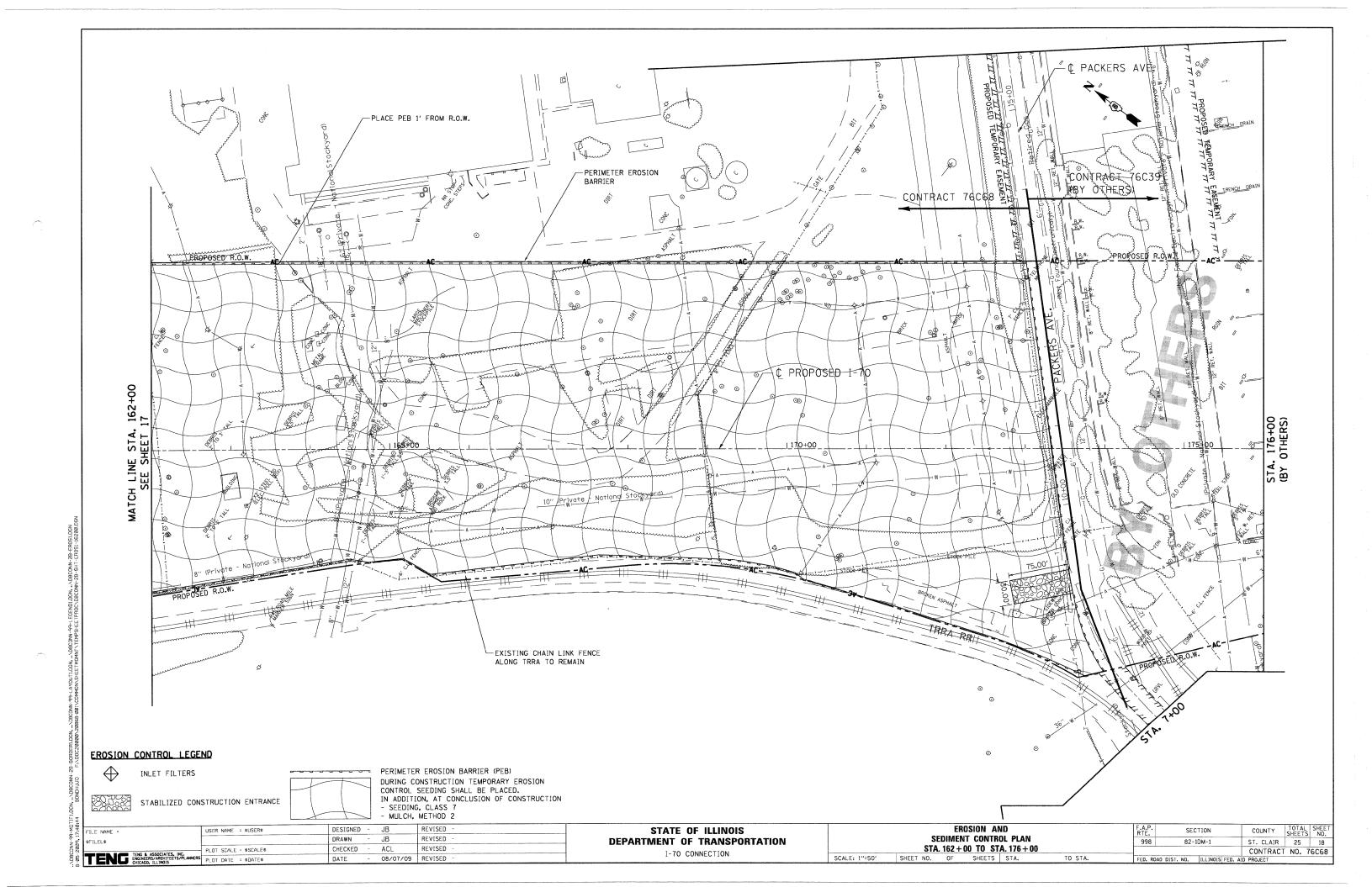


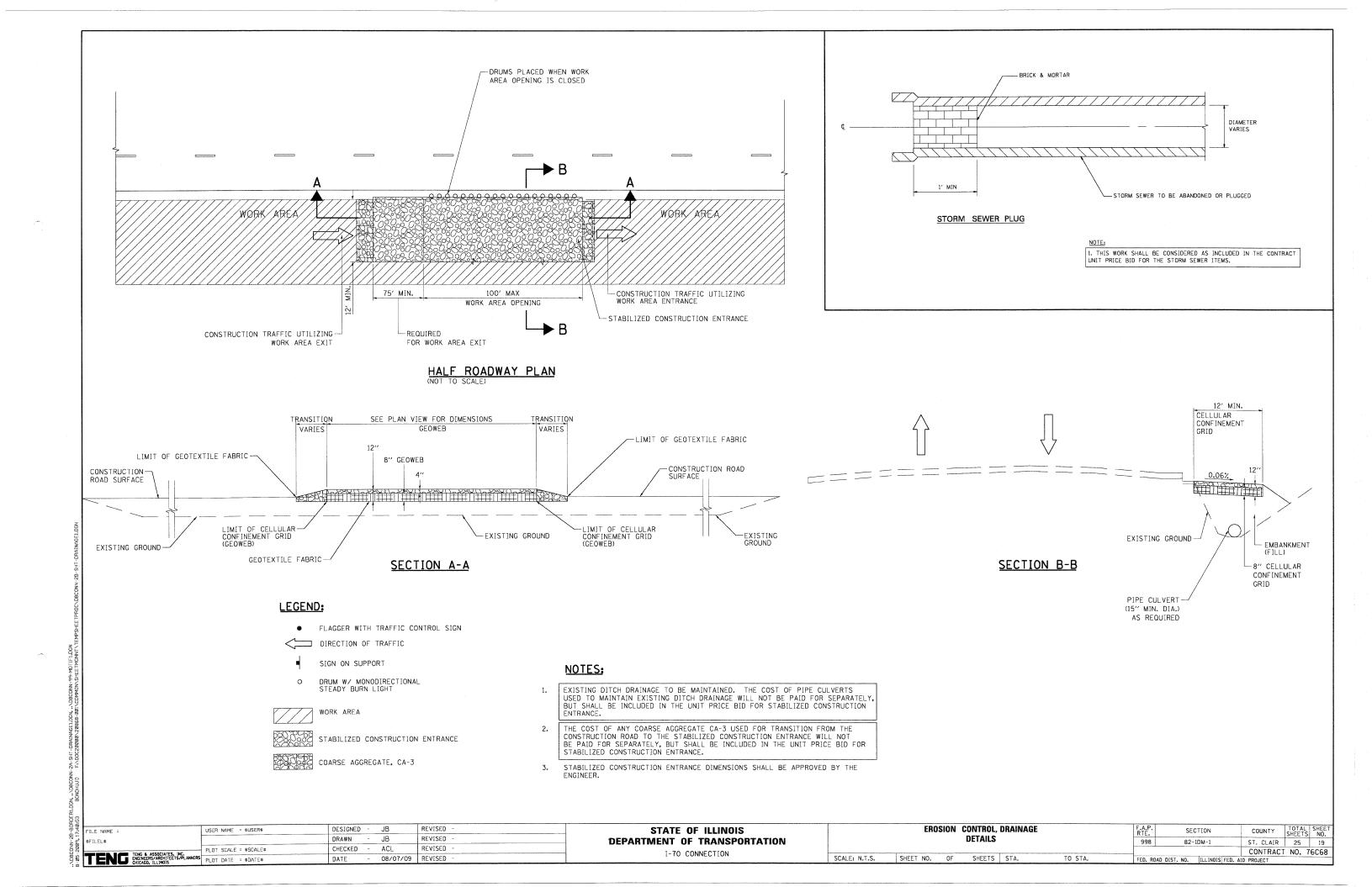


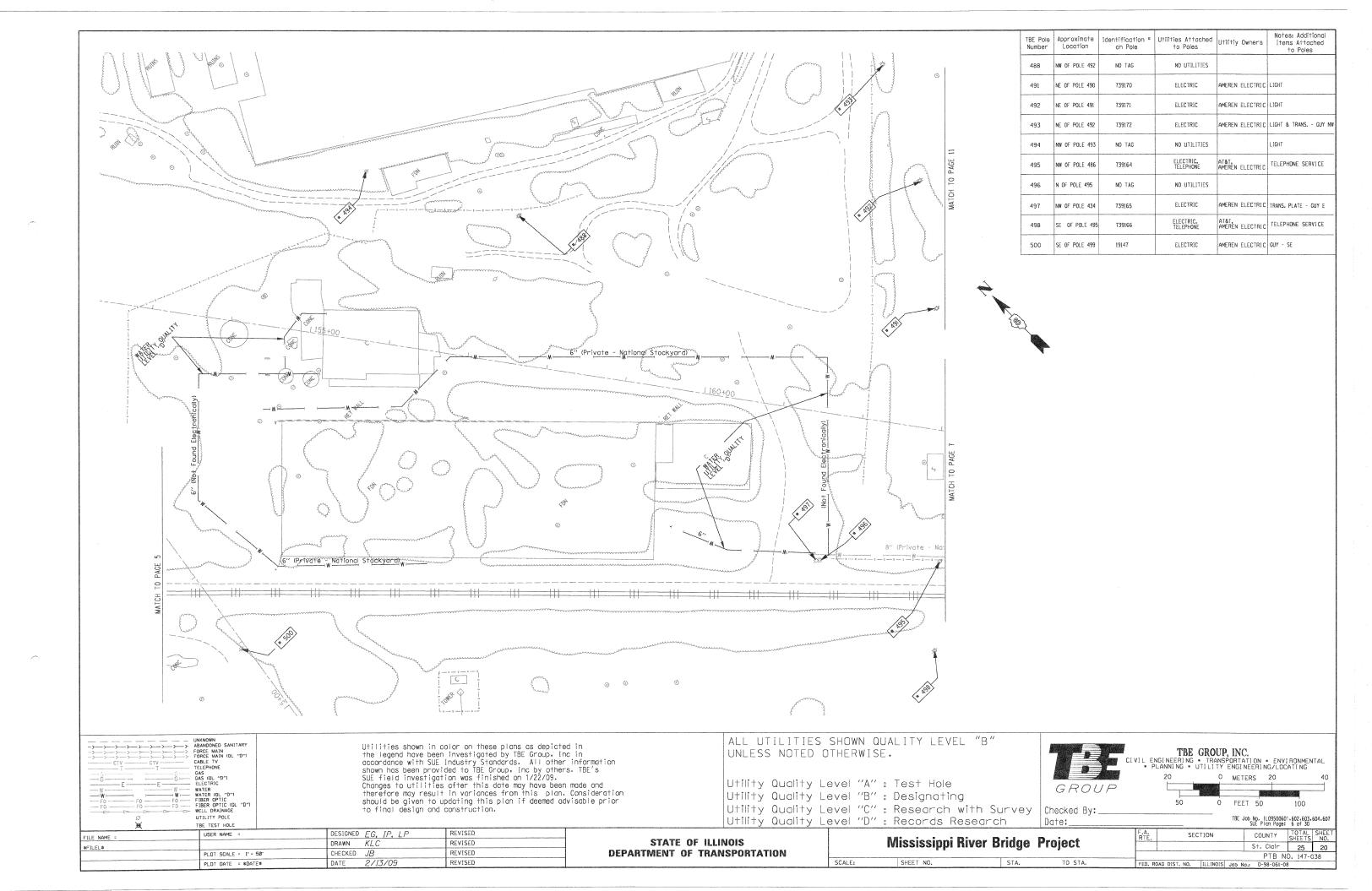


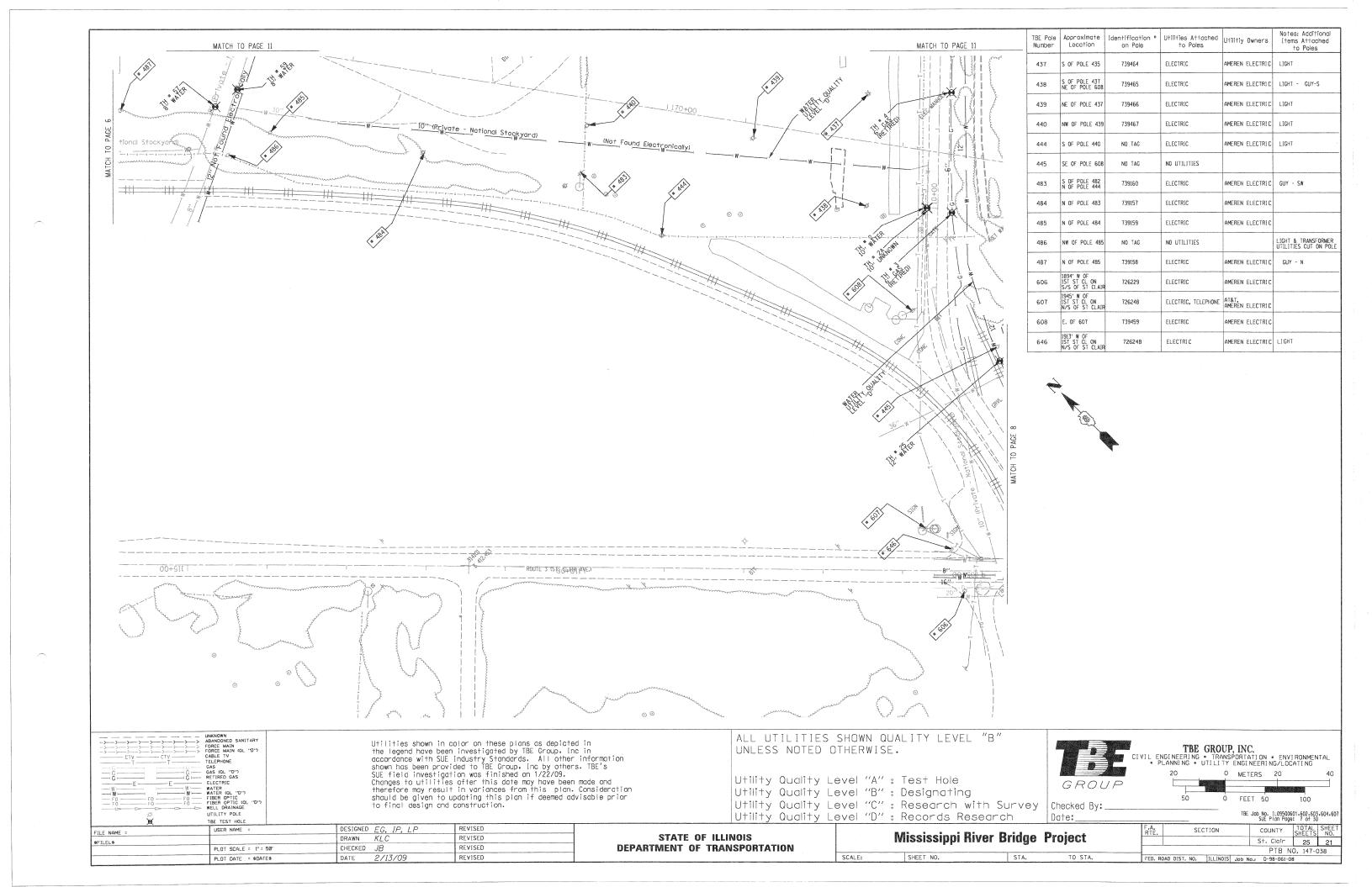


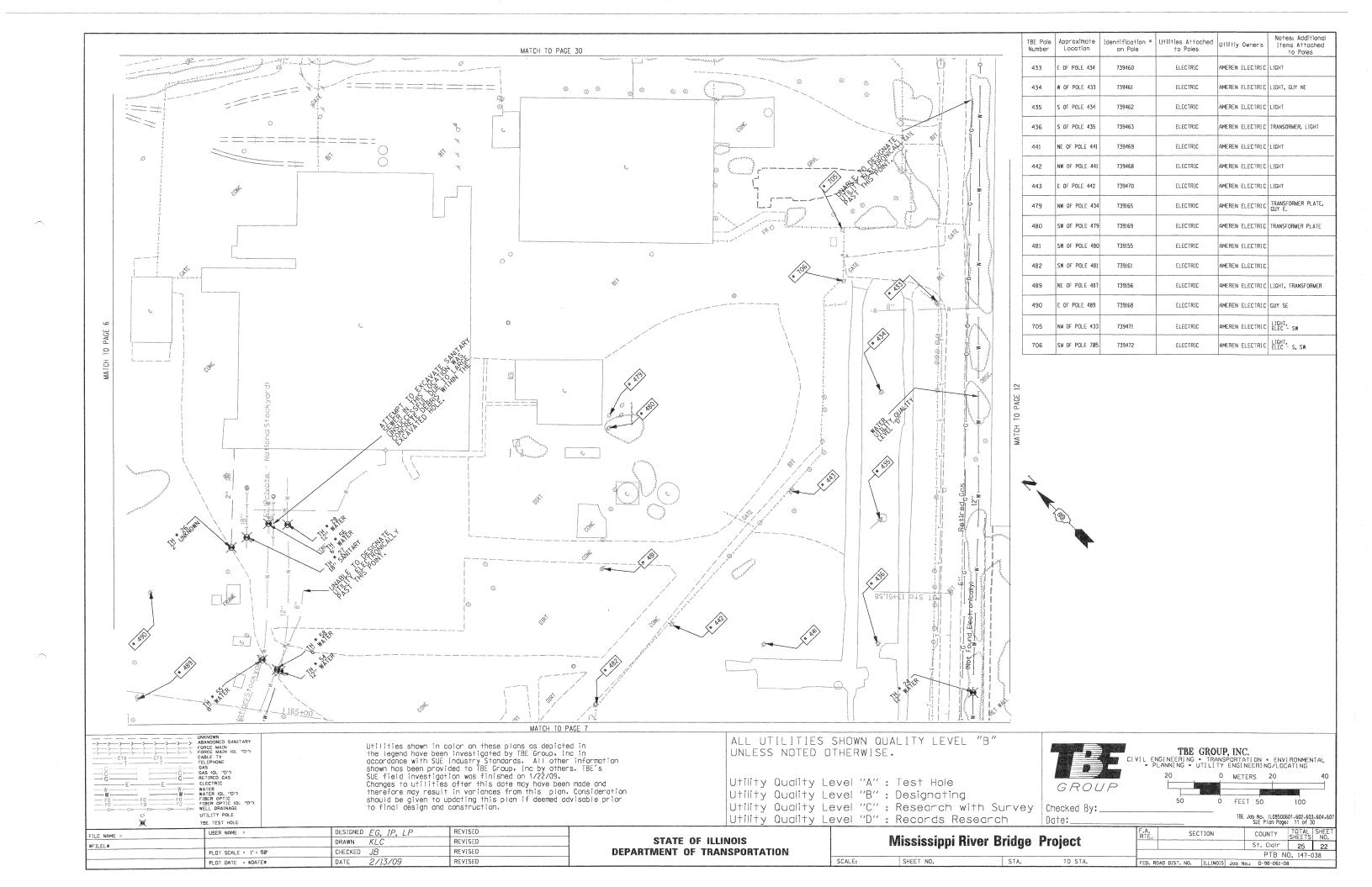












#### PART OF U.S. SURVEY 627, T2N, 10W, OF THE 4TH PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON THE MISSISSIPPI RIVER CROSSING (MRC) COORDINATE SYSTEM WHICH IS A MODIFIED UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM, ZONE 15 NORTH. SEE SHEET 10 8826108 (7.12') —\_\_\_ 6.67' N 44°52'45" W SPACE RESERVED FOR RECORDING OFFICER $\rightarrow$ The state of the s CAHOKIA CANAL 8826109 LOT B 152+60.94 6.37′ RT. . (90,52,7 63.52,7 63.52,7 151+29.26 186.36′ LT. 8826105 PLAT OF LANDS OWNED BY NATIONAL STOCK YARDS CO. SEE SHEET 6 8826108 (P.B. H, PG. 34) NATIONAL STOCK YARDS LOT 20 FIRST DIVISION OF SURVEY NO. 627 .0K. (4213) 296. 928 OK. 3022, PG. 639 90' 33,76' ~ S\_31°50'26" W (P.B. E, PG. 14) 155+01.75 126.82′ L NOTE\_A 01-01.0-300-050 01-01.0-300-034 01-01.0-300-033 01-01.0-300-008 01-01.0-300-048 01-01.0-300-047 SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2 6' × 27' 1 STORY CONC.BLOCK SHED AREA TO BE PARCEL REMAINDER OWNER DEDICATED/ PERMANENT TAX PROPERTY HOLDING FEE SIMPLE ACRES SQ. FT. NUMBER ACQUIRED BY ACRES PHILIP EDWARD THOMAS 8826107 6.5555 6.5555 01-01.0-300-022 285,557 0.0000 TITLE REPORT NO. SC-5576 ST. LOUIS NATIONAL STOCKYARDS COMPANY LOT 6 8826108 13,1287 13,1287 571,887 SEE NOTE A (formerly National Stockyards Company TITLE REPORT NO. SC-5569 THRU SC-5574 0.0000 BK. 4213, PG. 928 P & G MOTOR EXPRESS, INC. TITLE REPORT NO. SC-6033 8826109 0.0597 0.0597 2,601 0.0000 01-12.0-201-020(p+) A STATE OF THE STA SURVEYING & ENGINEERING, P.C. 841 N. Galena Ave. Dixon, IL 61021 815-288-6231 SEE SHEET 12 8826106 STATE OF ILLINOIS ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 998 I, COVENTIVE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR SECTION 82-1K ST. CLAIR COUNTY THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT JOB NO. R-98-026-08 OF TRANSPORTATION, SHOWN HEREON. STATION 160+00 TO STATION 150+00 LOT 7 ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 COVENTINE FIDIS, PLS NO. 35-2159 LICENSE EXPIRATION DATE: 11/30/2010 25 23 COMPLETION DATE OF FIELD WORK PERFORMED CONTRACT NO. ROW STAKING: ST. CLAIR COUNTY JOB # R-98-026-08 CONSTRUCTION SECTION 82-IK PART OF U.S. SURVEY 627, T. 2 N., R. IO W. OF THE 3RD P.M.

FAP ROUTE 998

## PART OF U.S. SURVEY 627, T2N, R10W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

