

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

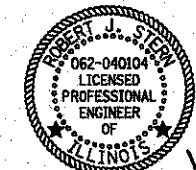
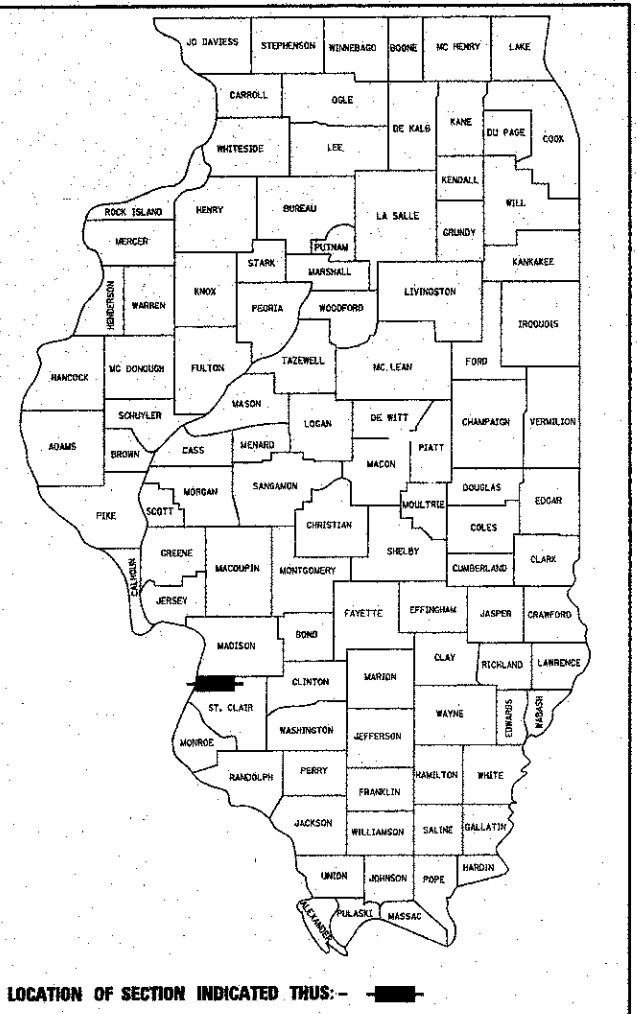
**FAP ROUTE 998 (RELOCATED I-70)**  
**SECTION 82-1R**

IN THE PLANS (S.F.)  
**ST. CLAIR COUNTY**  
**C-98-021-12**

**PROPOSED I-70 PAVING, SIGNING**  
**AND DRAINAGE FROM THE TRI-LEVEL**  
**INTERCHANGE TO ST. CLAIR AVENUE**

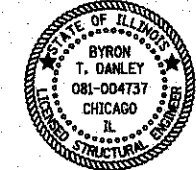
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 76C43	

D-98-059-08



*Robert J. Stern*  
 ROBERT J. STERN

EXPIRES: 11/30/12  
 DATE: 6/22/12  
 SHEETS: 1-57, 64-86, 118-133,  
 156-165, 207-221,  
 233-294



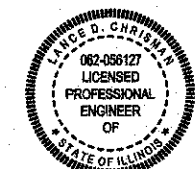
*Byron T. Danley*  
 BYRON T. DANLEY

EXPIRES: 11/30/12  
 DATE: 6/22/12  
 SHEETS: 180-206, 222-232



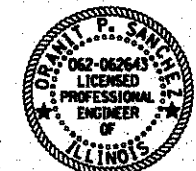
*Fred M. Lin*  
 FRED M. LIN

EXPIRES: 11/30/13  
 DATE: 6/25/12  
 SHEETS: 58-63, 134-141



*Lance D. Chrisman*  
 LANCE D. CHRISMAN

EXPIRES: 11/30/13  
 DATE: 6/26/12  
 SHEETS: 142-148, 166-179



*Grant P. Sanchez*  
 GRANT P. SANCHEZ

EXPIRES: 11/30/13  
 DATE: 6/22/12  
 SHEETS: 149-155

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS ARCHITECTS PLANNERS  
 205 N. MICHIGAN AVE. CHICAGO, IL 60601  
 TELEPHONE: 312.616.0000

**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Chatham, Illinois  
 Westmont, Illinois

**Kaskaskia**  
 Engineering Group, LLC

**AECOM**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED June 27 2012

*John D. Brown*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 17 2012  
*John D. Brown*  
 ENGINEER OF DESIGN AND ENVIRONMENT

August 17 2012  
*William R. Franke*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

**LIST OF STRUCTURAL WORK**

I-70 OVER NS, TRRA, MCT, AND INDUSTRIAL DRIVE  
 STR. NO. 082-0318 (EB) PROPOSED I-70 BRIDGE  
 STR. NO. 082-0319 (WB) PROPOSED I-70 BRIDGE  
 EAST APPROACH SLAB ONLY  
 BACK OF ABUTMENT STA. 140+67.15

STR. NO. 082-W234 PROPOSED MSE WALL  
 ANCHORAGE SLAB ONLY

**FOR INDEX OF SHEETS, SEE SHEET NO. 2**

**INTERSTATE 70**  
 59,940 (2030) 6,594 (30) INTERSTATE 48.96 (PCC-20)  
 DESIGN SPEED = 60 MPH  
 POSTED SPEED = 55 MPH

**RELOCATED IL ROUTE 3**  
 ADT = 34,760 (2030)  
 DESIGN SPEED = 45 MPH  
 POSTED SPEED = 40 MPH

**RAMPS A-D**  
 DESIGN SPEED = 50 MPH AT GORE, 35 MPH AT END  
 POSTED SPEED = 45 MPH AT GORE, 30 MPH AT END  
 RAMP A ADT = 12,610 (2030) 1,214 (30) INTERSTATE RAMP 14.30 (PCC-20)  
 RAMP B ADT = 6,010 (2030) 443 (30) INTERSTATE RAMP 7.13 (PCC-20)  
 RAMP C ADT = 16,940 (2030) 1,694 (30) INTERSTATE RAMP 17.20 (PCC-20)  
 RAMP D ADT = 16,940 (2030) 1,694 (30) INTERSTATE RAMP 17.20 (PCC-20)

**CONNECTOR ROAD**  
 ADT = 26,550 (2030)  
 DESIGN SPEED = 35 MPH  
 POSTED SPEED = 30 MPH

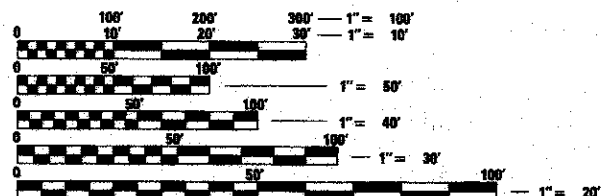
**EXCHANGE AVENUE**  
 ADT = 16,940 (2030)  
 DESIGN SPEED = 30 MPH  
 POSTED SPEED = 25 MPH

**EXISTING IL ROUTE 3 (ST. CLAIR AVE.)**  
 ADT = 9,000 (2000), 26,190 (2030)  
 DESIGN SPEED = 40 MPH (S. OF TRRA CROSSING)  
 DESIGN SPEED = 50 MPH (N. OF TRRA CROSSING)  
 POSTED SPEED = 35 MPH (S. OF TRRA CROSSING)  
 POSTED SPEED = 45 MPH (N. OF TRRA CROSSING)

**1ST STREET**  
 ADT = 1,350 (2000), 1,700 (2030)  
 DESIGN SPEED = 35 MPH  
 POSTED SPEED = 30 MPH

PROJECT LOCATED IN: FAIRMONT CITY, ILLINOIS  
 EAST ST. LOUIS, ILLINOIS

PLANS 1" = 50'  
 PROFILES 1" = 5'  
 X-SECTIONS 1" = 10' H  
 1" = 5' V

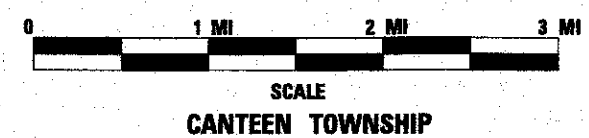
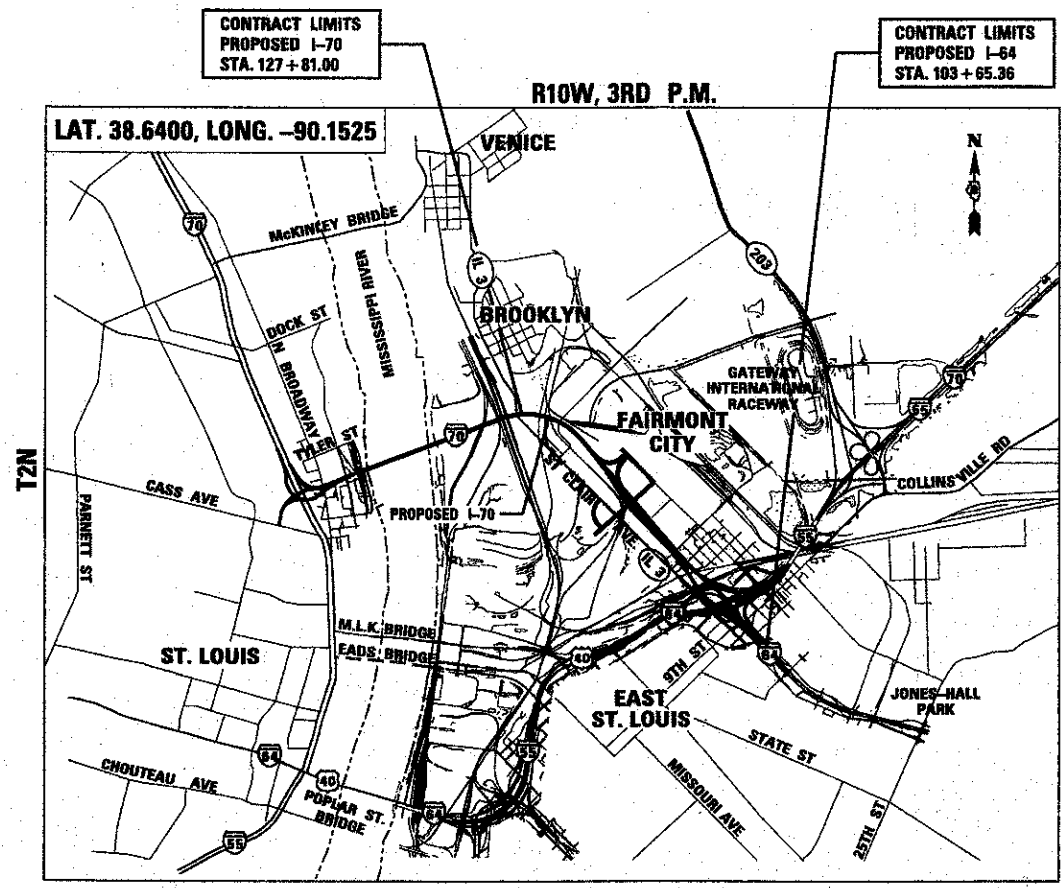


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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 : N/A**

**CONTRACT NO. 76C43**



GROSS LENGTH OF PROJECT:  
 2.042 MI (10,782.40')

NET LENGTH OF PROJECT:  
 2.042 MI (10,782.40')

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2 - 3	INDEX OF SHEETS/ HIGHWAY STANDARDS/ GENERAL NOTES
4 - 13	SUMMARY OF QUANTITIES
14 - 18	TYPICAL SECTIONS
19 - 23	SCHEDULE OF QUANTITIES
24 - 33	ALIGNMENT, TIES, AND BENCHMARKS
34 - 35	CONSTRUCTION LIMITS
36 - 41	PROPOSED ROADWAY PLANS
42 - 50	PROPOSED ROADWAY PROFILES
51 - 57	MAINTENANCE OF TRAFFIC & SUGGESTED STAGING
58 - 63	EROSION AND SEDIMENT CONTROL PLANS
64	EROSION CONTROL DETAILS
65 - 69	EXISTING DRAINAGE PLANS
70 - 75	PROPOSED DRAINAGE PLANS
76 - 80	PROPOSED DRAINAGE PROFILES
81 - 83	DRAINAGE SCHEDULE
84 - 86	DRAINAGE DETAILS
87 - 102	UTILITY PLANS BY TBE
103 - 109	SOIL PROFILES
110 - 117	PLAT OF HIGHWAYS
118 - 133	PAVEMENT ELEVATION PLANS
134 - 141	GORE DETAILS
142 - 155	PAVEMENT MARKING PLANS
156 - 164	SIGNING PLANS
165	SIGNING SCHEDULE
166 - 179	SIGN PANEL DETAILS
180 - 206	SIGN STRUCTURE PLANS
207 - 212	SIGN STRUCTURE LOCATION PLANS
213	ELECTRICAL PLANS
214 - 221	ROADWAY DETAILS
222 - 226	STRUCTURE PLANS - APPROACH SLAB - PROPOSED I-70 OVER NS, TRRA, MCT & INDUSTRIAL DR. (082-0318 EB, 082-0319 WB)
227 - 230	STRUCTURE PLANS - PROPOSED I-70 RETAINING WALL (082-W234)
231 - 232	ANCHORAGE SLAB AND BARRIER WALL DETAILS
233 - 294	CROSS SECTIONS

**GENERAL NOTES (CONTINUED)**

- 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.
- 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.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR AT THE CONTRACTORS' OWN EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE EAST ST. LOUIS AND THE FAIRMONT CITY FIRE AND POLICE DEPARTMENTS, AND MESD 14 WORKING DAYS PRIOR TO START OF CONSTRUCTION IN ORDER TO REVIEW AND COORDINATE THE CONSTRUCTION SCHEDULE.  
EAST ST. LOUIS FIRE DEPT. CHIEF THOMAS GRIMMETT (618) 482-6875.  
EAST ST. LOUIS POLICE DEPT. CHIEF LENZIE STEWART (618) 482-6740 OR 482-6700.  
FAIRMONT CITY: FIRE AND POLICE DEPARTMENT: SCOTT PENNY (618) 274-4504 EXT. 2.  
METRO EAST SANITARY DISTRICT (MESD): BOB SHIPLEY - (618) 452-9400
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE STATE ARCHAEOLOGICAL COORDINATOR JOSEPH M. GALLOP, Ph.D., RPA (618) 251-3922 - 14 WORKING DAYS PRIOR TO START OF ANY PAVEMENT OR FOUNDATION REMOVAL.
- THE EXISTING TOPOGRAPHY SHOWN ON THE PLANS REFLECTS THE FINAL CONDITION AFTER THE COMPLETION OF CONTRACTS 76C39, 76C40, 76C68, 76C69, 76C44, 76D05, 76E06 AND GRADING FROM CONTRACT 76C41, AND DOES NOT NECESSARILY REFLECT CURRENT FIELD CONDITIONS.

11. ANY SEWER OR STRUCTURE REMOVAL WHICH REQUIRES ABANDONMENT OF A PORTION OF EXISTING SEWER, OR RESULTS IN A HOLE IN AN EXISTING STRUCTURE, WILL REQUIRE THE REMAINING SEWER OR STRUCTURE TO BE SECURELY SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PER ARTICLE 605.04 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE REMOVAL ITEM.

12. ABBREVIATIONS: T.E. = TEMPORARY EASEMENT, P.E. = PERMANENT EASEMENT.

13. ALL DOWEL BARS AND TIE BARS UTILIZED IN PCC PAVEMENT SHALL BE EPOXY COATED.

14. THE CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING NEAR ANY RAILROAD LINE. THE DETAIL SHOWN ON SHEET 215 SHALL BE THE MINIMUM REQUIREMENTS FOR EXCAVATION IN THE VICINITY OF ANY RAILROAD.

15. IF THE CONTRACTOR ENCOUNTERS PREVIOUSLY UNIDENTIFIED UTILITIES DURING EXCAVATION, THE CONTRACTOR SHALL FIRST DETERMINE IF THE UTILITY IS ABANDONED. IF THE UTILITY IS ABANDONED, THE CONTRACTOR SHALL REMOVE THE PORTIONS OF THE UTILITY THAT CONFLICT WITH CONSTRUCTION OPERATIONS AND DISPOSE OF THE REMOVED UTILITY OUTSIDE OF THE STATE RIGHT OF WAY. THIS WORK SHALL BE PAID FOR PER ARTICLE 109.04.

16. ALL MANHOLE LIDS OR INLET GRATES THAT ARE REMOVED DURING THIS CONTRACT SHALL REMAIN PROPERTY OF THE ILLINOIS DEPT. OF TRANSPORTATION AND SHALL BE REMOVED WITHOUT DAMAGE AND TRANSPORTED TO THE FOLLOWING ADDRESS: BOWMAN AVE. PUMP STATION, 728 EXCHANGE AVE., EAST ST. LOUIS, ILLINOIS - IF THERE ARE ANY QUESTIONS PLEASE CONTACT PETE SAWYER AT 618-346-3275.

17. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT B EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618/874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

18. THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER WHICH IS THE PROPERTY PIN.

19. THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCHES (12") OFFSET.

20. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

21. THE COST OF CONNECTING PROPOSED STORM SEWER OR PIPE UNDERDRAINS TO EXISTING DRAINAGE STRUCTURES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR PIPE UNDERDRAIN PAY ITEM.

**HIGHWAY STANDARDS**

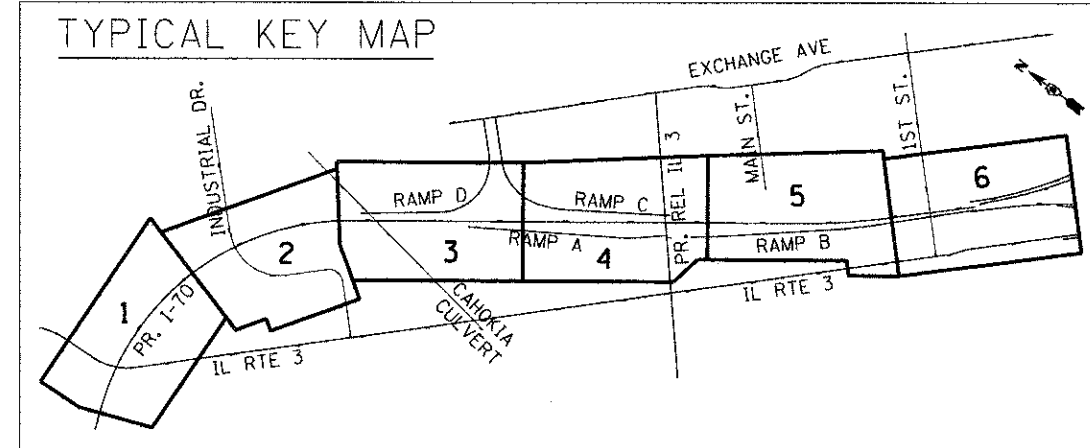
000001	-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001	-02	AREAS OF REINFORCEMENT BARS
001006		DECIMAL OF AN INCH AND OF A FOOT
280001	-06	TEMPORARY EROSION CONTROL SYSTEMS
420001	-07	PAVEMENT JOINTS
420111	-03	PCC PAVEMENT ROUNDOUTS
420206	-08	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306	-06	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420401	-08	BRIDGE APPROACH PAVEMENT CONNECTOR
421001	-02	BAR REINFORCEMENT FOR CRC PAVEMENT
421206	-06	36' CRC PAVEMENT (WITH LUG SYSTEM)
483001	-04	PCC SHOULDER
542301	-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	-03	GRATING FOR FLARED END SECTIONS 24"-54" PIPES
542401	-01	METAL END SECTION FOR PIPE CULVERTS
601001	-04	SUB-SURFACE DRAINS
601101	-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001	-02	CATCH BASIN TYPE A
602306	-03	INLET TYPE B
602401	-03	MANHOLE TYPE A
602406	-05	MANHOLE TYPE A 6' DIAMETER
602601	-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	-02	MANHOLE STEPS
604001	-03	FRAME AND LIDS TYPE 1
604071	-04	FRAME AND GRATE TYPE 20
604091	-02	FRAME AND GRATE TYPE 24
606001	-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
610001	-06	SHOULDER INLET WITH CURB
630001	-10	STEEL PLATE BEAM GUARDRAIL
630201	-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301	-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011	-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026	-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031	-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635001	-01	DELINEATORS
635006	-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011	-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006	-02	CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
642001	-02	SHOULDER RUMBLE STRIPS, 16 IN.
664001	-02	CHAIN LINK FENCE
665001	-02	WOVEN WIRE FENCE
701001	-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006	-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701400	-05	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401	-06	LANE CLOSURE, FREEWAY / EXPRESSWAY
701451	-01	RAMP CLOSURE, FREEWAY / EXPRESSWAY
701901	-02	TRAFFIC CONTROL DEVICES
720001	-01	SIGN PANEL MOUNTING DETAILS
720006	-03	SIGN PANEL ERECTION DETAILS
720011	-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720021	-02	SIGN PANELS EXTRUDED ALUMINUM TYPE
728001	-01	TELESCOPING STEEL SIGN SUPPORT
729001	-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001	-03	TYPICAL PAVEMENT MARKINGS
781001	-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001	-02	HANDHOLES
878001	-09	CONCRETE FOUNDATION DETAILS
886001	-01	DETECTOR LOOP INSTALLATIONS
886006	-01	TYPICAL LAYOUT FOR DETECTION LOOPS

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 J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - AmerenCIPS - ELECTRIC
  - AmerenIP - GAS
  - AT&T ILLINOIS - COMMUNICATIONS
  - ILLINOIS AMERICAN WATER COMPANY - WATER
  - QWEST SOLUTIONS CENTER - COMMUNICATIONS
  - SHO-ME TECHNOLOGIES - COMMUNICATIONS
  - FAIRMONT CITY - SEWER
  - METRO EAST SANITARY DISTRICT (M.E.S.D.) - CAHOKIA CANAL
- MEMBERS OF J.U.L.I.E. (800-892-0123, OR 811) ARE 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 WILL BE A LIGHTING SYSTEM AND AN I.T.S. SYSTEM INSTALLED WITHIN THE R.O.W. AS PART OF CONTRACT 76E06 (BY OTHERS). THE CONTRACTOR SHALL LOCATE ALL CABLES, STRUCTURES AND APPURTENANCES ASSOCIATED WITH THESE SYSTEMS PRIOR TO THE CONSTRUCTION OF THE ROADWAY ITEMS.

**TYPICAL KEY MAP**



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				INDEX OF SHEETS & GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	#USER#	- JB	-	1-70 CONNECTION				SCALE: N.T.S.				998	82-1R	ST. CLAIR	294	2
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = #SCALE#	CHECKED - ACL	REVISED -					SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C43		
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -													

**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 TRANSPORTED 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 MEASURES 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 (PERMANENT MEASURES BY OTHERS). WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN (BY OTHERS) 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 - PERMANENT MEASURES BY OTHERS, CONTRACT 76F39). 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. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS".
10. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
11. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
12. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
13. AT THE DIRECTION OF THE ENGINEER, ANY SUITABLE EXISTING EROSION CONTROL DEVICES (SUCH AS PERIMETER EROSION BARRIER) THAT IS LEFT IN PLACE FROM A PREVIOUS (OR CONCURRENT) CONTRACT MAY BE UTILIZED IN LIEU OF THE EROSION CONTROL DEVICES AS SHOWN IN THE CONTRACT PLANS. IN THIS INSTANCE, THE QUANTITY FOR THE UNUSED EROSION CONTROL DEVICES SHALL BE DELETED FROM THE CONTRACT.

**COMMITMENTS**

1. ANY WATER WELLS FOUND DURING CONSTRUCTION WILL BE SEALED ACCORDING TO IEPA TO PREVENT GROUNDWATER POLLUTION FROM CONSTRUCTION AND FROM FUTURE ROADWAY MAINTENANCE.
2. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT: [www.AGR.STATE.IL.US/EAB](http://www.AGR.STATE.IL.US/EAB).

\\F5-004-A\AM\VAULT\JOB-TRANS\07A\2202\20868-00\CVIL\CAO\99 ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON\08-081 INDEX2.DGN  
 \\F5-004-A\AM\VAULT\JOB-TRANS\07A\2202\20868-00\CVIL\CAO\99 ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON\08-081 INDEX2.DGN  
 \\F5-004-A\AM\VAULT\JOB-TRANS\07A\2202\20868-00\CVIL\CAO\99 ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON\08-081 INDEX2.DGN  
 \\F5-004-A\AM\VAULT\JOB-TRANS\07A\2202\20868-00\CVIL\CAO\99 ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON\08-081 INDEX2.DGN

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>  I-70 CONNECTION	GENERAL NOTES CONTINUED				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JB	REVISED -		998	B2-1R	ST. CLAIR	294	3				
PLOT SCALE = #SCALE#		CHECKED - ACL	REVISED -		CONTRACT NO. 76C43				ILLINOIS FED. AID PROJECT				
PLOT DATE = #DATE#		DATE - 06/29/12	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.				



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS
				0001	0008	0040	0021	0021
20200100	EARTH EXCAVATION	CU YD	2,946	2,946				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	520	520				
20400800	FURNISHED EXCAVATION	CU YD	5,475	5,475				
20800150	TRENCH BACKFILL	CU YD	1,526	1,526				
25000350	SEEDING, CLASS 7	ACRE	6.00	6.00				
25100115	MULCH, METHOD 2	ACRE	6.00	6.00				
25100630	EROSION CONTROL BLANKET	SQ YD	27,258	27,258				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,508	2,508				
28000400	PERIMETER EROSION BARRIER	FOOT	9,966	9,966				
28000510	INLET FILTERS	EACH	97	97				
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,483	1,483				
28100107	STONE RIPRAP, CLASS A4	SQ YD	124	124				
28200200	FILTER FABRIC	SQ YD	124	124				
30103000	SHAPING AND GRADING ROADWAY	UNIT	51	51				

\* DENOTES SPECIALTY ITEMS      Δ 0042

\\s01d01n-08-80\BORDERLIGN... \D8CONN-08-SOOLIGN... \D8CONN-08-MOTIFLIGN... \D8CONN-08-LEGENDLIGN  
 6-27-2012, 11:01:01  
 BDKPILLO \VFS-9804\ANNV\AUJ\TD-TRANS-07\22202-20868-001\CIVIL\CAD\97 ALL CONTRACTS\CNN\SHEETS CONTRACT 08.DBCDN-08-SHT-SUMMARY.DGN

FILE NAME =  
#FILEL\$

USER NAME = #USER\$

PLOT SCALE = #SCALE\$

PLOT DATE = #DATE\$

DESIGNED - JB

DRAWN - JB

CHECKED - ACL

DATE - 06/29/12

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**SUMMARY OF QUANTITIES 1**

SCALE: N.T.S.    SHEET NO. 1 OF 10 SHEETS    STA.    TO STA.

F.A.P. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE					
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS	
				0001	0008	0040	0021	0021	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	67,030	67,030					
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	55,819	55,819					
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	157	157					
42000526	PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)	SQ YD	4,625	4,625					
42001300	PROTECTIVE COAT	SQ YD	69,358	69,358					
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1,872	1,872					
42100325	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"	SQ YD	45,488	45,488					
42100615	PAVEMENT REINFORCEMENT	SQ YD	45,488	45,488					
42101436	LUG SYSTEM COMPLETE 36'	EACH	1	1					
42101447	LUG SYSTEM COMPLETE 47'	EACH	3	3					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	768	768					
48300605	PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"	SQ YD	11,400	11,400					
50105220	PIPE CULVERT REMOVAL	FOOT	70	70					
50300225	CONCRETE STRUCTURES	CU YD	30.2		30.2				

\* DENOTES SPECIALTY ITEMS      Δ 0042

\N:\DCOM\98-BORDERLIDEN\N:\DCOM\98-S01LDCN\N:\DCOM\98-MOTIFLIDEN\N:\DCOM\98-LEENLIDEN  
 6-27-2012 11:59:05      \N:\S:\984\AVM\VAL\J.D.-TRANS.07\2202\28868-00\CIVIL\CD\99 ALL CONTRACTS\CONNSHEETS CONTRACT 08\DCOM\08-SHT-SUMMARY2.DGN

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION		SUMMARY OF QUANTITIES 2		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL\$		DRAWN - JB	REVISED -					998	82-1R	ST. CLAIR	294	5
	PLOT SCALE = #SCALE#	CHECKED - ACL	REVISED -					CONTRACT NO. 76C43				
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -					SCALE: N.T.S.	SHEET NO. 2 OF 10 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS
				0001	0008	0040	0021	0021
50300255	CONCRETE SUPERSTRUCTURE	CU YD	588.1		172.6	415.5		
50300260	BRIDGE DECK GROOVING	SQ YD	295		295			
50300300	PROTECTIVE COAT	SQ YD	1,375		401	974		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	114,140		40,730	73,410		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1				
54215547	METAL END SECTIONS 12"	EACH	5	5				
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	486	486				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	3,063	3,063				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,000	1,000				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,551	1,551				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	128	128				

\* DENOTES SPECIALTY ITEMS      Δ 0042

\\03-0044\44\VALU\1\0\TRANS\87\2282\28866-98\1\CIVIL\CAD\5\91 ALL CONTRACTS\CONNS\SHEETS CONTRACT 08\08\08\CON-88-SHT-SUMMARY\3\CON

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				100% STATE URBAN		RETAINING WALL	SIGNING	ITS
				ROADWAY	BRIDGE			
				0001	0008	0040	0021	0021
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	19	19				
60100945	PIPE DRAINS 12"	FOOT	298	298				
60107600	PIPE UNDERDRAINS 4"	FOOT	19,466	19,466				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1,226	1,226				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	37	37				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	9	9				
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4				
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1				
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	2				
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	29	29				
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	9	9				
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2				

\* DENOTES SPECIALTY ITEMS      Δ 0042

\BDC\CON-98-ROBE\FILED\N\BDC\CON-98-S001.DGN, \BDC\CON-98-NOTIF.LGN, \BDC\CON-98-L1E\ENGL.DGN, \BDC\CON-98-VAULT.LID-TRANS, 97A, 2202, 28888-98\CTV\L\CA01.PH ALL CONTRACTS\CDMS\SHEETS CONTRACT 08\BDC\CON-98-SHT-SUMMARY4.DGN  
 BOND\UJLD \X\F-98\4\VAULT.LID-TRANS

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>SUMMARY OF QUANTITIES 4</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JB	REVISED -				998	82-1R	ST. CLAIR	294	7			
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -				SCALE: N.T.S.			SHEET NO. 4 OF 10 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	DATE - 06/29/12	REVISOR -					CONTRACT NO. 76C43							





# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE					
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS	
				0001	0008	0040	0021	0021	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	10,497	10,497					
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1					
64301090	ATTENUATOR BASE	SQ YD	14	14					
66201120	CONCRETE SHOULDER CURB	FOOT	883	883					
66400305	CHAIN LINK FENCE, 6'	FOOT	34	34					
66500105	WOVEN WIRE FENCE, 4'	FOOT	544	544					
66501100	WOVEN WIRE GATES, 4' X 12' SINGLE	EACH	2	2					
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	2	2					
67100100	MOBILIZATION	L SUM	1	1					
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1	1					
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,300	1,300					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	7,128	7,128					

• DENOTES SPECIALTY ITEMS      Δ 0042

..\BDCONN-98-BORDER.DWG, ..\BDCONN-98-SD.DWG, ..\BDCONN-98-NOTIF.DWG, ..\BDCONN-98-LEGEN.DWG, ..\BDCONN-98-SUMMARY.DWG  
 ..\FIS-98-4-AMVAULT.D-TRANS.07X2202.208865-001\CVIL\CD01919 ALL CONTRACTS\CONNS\SHEETS CONTRACT 08\BDCONN-98-SHT-SUMMARY6.DWG  
 6-27-2012 11:19:58 BONDHJJD

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>SUMMARY OF QUANTITIES 6</b>	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 9
PLOT SCALE = #SCALE#	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -	SCALE: N.T.S.	SHEET NO. 6 OF 10 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT	CONTRACT NO. 76C43



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS
				0001	0008	0040	0021	0021
72000100	SIGN PANEL - TYPE 1	SQ FT	90				90	
72000200	SIGN PANEL - TYPE 2	SQ FT	136				136	
72000300	SIGN PANEL - TYPE 3	SQ FT	65				65	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1				1	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	162				162	
73000100	WOOD SIGN SUPPORT	FOOT	159				159	
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	71				71	
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	128				128	
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	125				125	
73301840	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	79				79	
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	115				115	
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	42				42	
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	62				62	
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	55.047	55.047				

\* DENOTES SPECIALTY ITEMS      Δ 0042

\DRCONN-08-S00LDRN-ADBCONN-99-MOTIFLDRN-ADBCONN-08-1-EEENGLDGN  
 6-27-2012 11:51:38  
 \F5-0244\AKVAULT.D-TRANS\_07-2302-28866-081\CIVIL\CAD\99 ALL CONTRACTS\CONNSHEETS CONTRACT 88\DRCONN-08-SHT-SUMMARY7.DGN



SUMMARY OF QUANTITIES

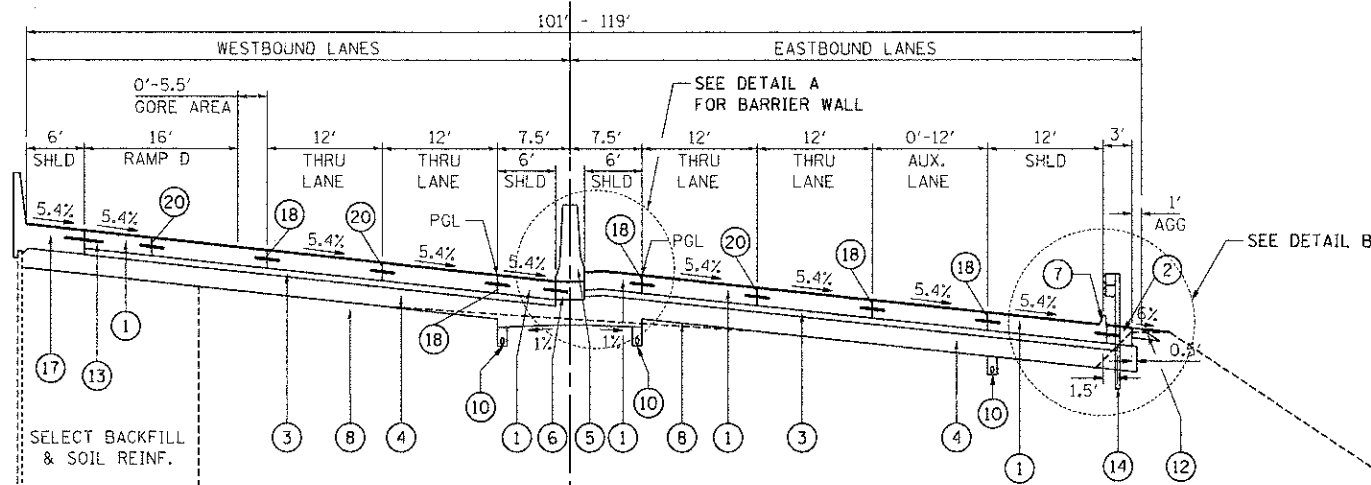
CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY	BRIDGE	RETAINING WALL	SIGNING	ITS
				0001	0008	0040	0021	0021
* 87800215	CONCRETE FOUNDATION, TYPE D	EACH	1					1
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,010					1,010
* X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	92					92
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	4	4				
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	838	838				
* X0326871	SOLAR EQUIPMENT	L SUM	1					1
X4020700	AGGREGATE SURFACE COURSE, TYPE B 8"	SQ YD	370	370				
X6060015	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	75	75				
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	1,760	1,760				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	788	788				
* X7200305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	3,072				3,072	
* X7330064	SIGN SUPPORT SPECIAL	EACH	3				3	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	45,177	45,177				

\* DENOTES SPECIALTY ITEMS      Δ 0042

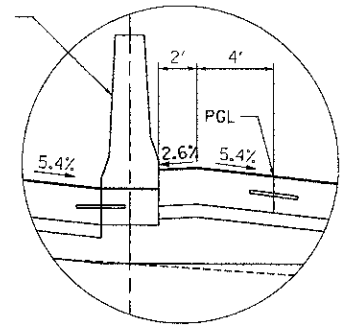
Y:\PROJECTS\1115441\1115441.DWG 11/15/2012 10:54:41 AM 1115441



PROPOSED I-70



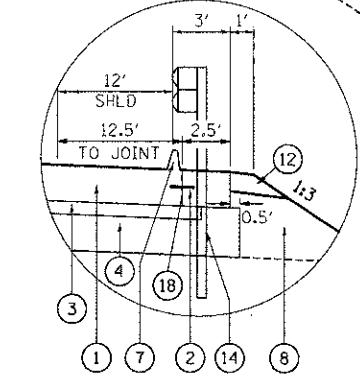
SEE SHEET 216 FOR CONCRETE BARRIER DETAILS



DETAIL A  
REF. SHEET 123 & 217 FOR EB CROWN SHOULDER DETAILS

**A**

PROPOSED I-70 TYPICAL SECTION  
STA. 140+96.67 TO STA. 147+35.00  
(CRC PAVEMENT FOR INSIDE SHOULDERS EXTENDS TO STA. 148+85)



DETAIL B  
STA. 140+96.67 TO STA. 147+35.00  
GUARDRAIL & CURB END AT 150+01.01

PROPOSED LEGEND

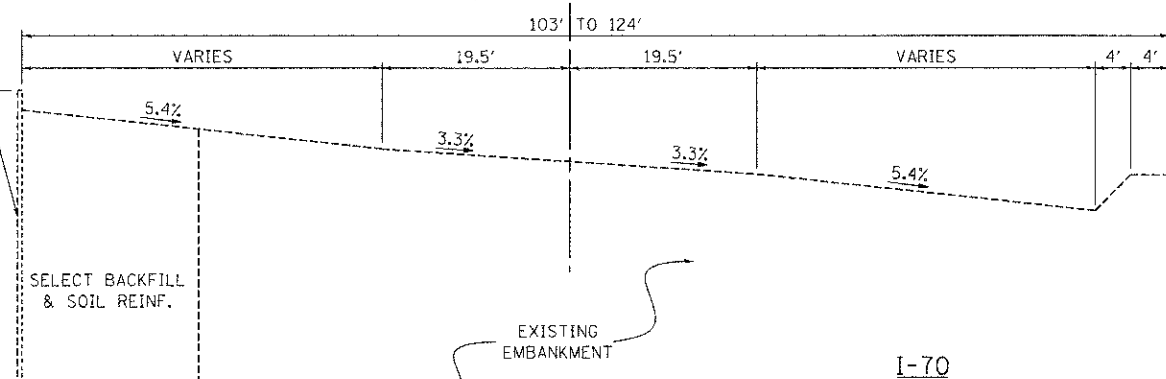
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- ② PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- ③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑥ CONCRETE BARRIER BASE (SEE ROADWAY DETAILS FOR TIE BAR AND JOINT DETAILS)
- ⑦ CONCRETE SHOULDER CURB (STD. 610001)
- ⑧ EMBANKMENT
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
- ⑩ PIPE UNDERDRAINS 4"
- ⑪ SEEDING, (LANDSCAPING BY OTHERS)
- ⑫ AGGREGATE SHOULDERS, TYPE B 6"
- ⑬ STR. TIE BAR (SEE STR. SHEETS FOR DETAILS)
- ⑭ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
- ⑮ LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)
- ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑰ ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
- ⑱ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- ⑲ LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- ⑲ LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- ⑳ AGGREGATE BASE COURSE, TYPE B 6"
- ㉑ CONCRETE MEDIAN SURFACE, 6 INCH

ALL TIE BARS SHALL BE EPOXY COATED

▭ = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT 12" REQUIRED BEYOND THE LIMITS OF THE STABILIZED SUBBASE HMA, 4" OR REQUIRED TO SLOPE THE SHOULDER SUBGRADE TO THE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SO YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12".

EXISTING I-70



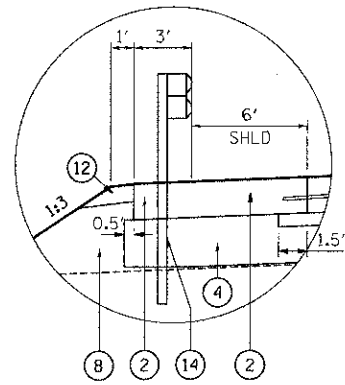
**B**

EXISTING I-70 TYPICAL SECTION  
STA. 140+66.65 TO STA. 147+35.00  
(EMBANKMENT AND MSE WALL CONSTRUCTED IN CONTRACT 76C44)

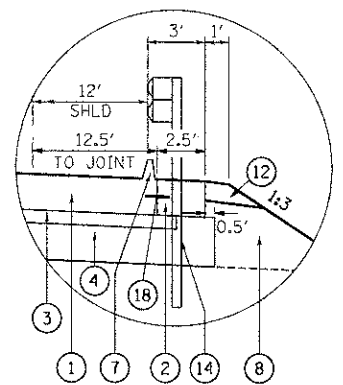
STRUCTURAL DESIGN TRAFFIC:			YEAR	2030
PV = 54,036	SU = NA	MU = 5,904		
ROAD/STREET CLASSIFICATION:			CLASS	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:				
P = 32%	S = NA	M = 45%		
TRAFFIC FACTOR		ACTUAL TF = 48.96	AC TYPE = 20	
%		MINIMUM TF = 10.05		
PG GRADE: BINDER = NA		SURFACE = NA		
SUBGRADE SUPPORT RATING:				
SSR = POOR				

EXISTING DARLING ACCESS RD  
TYPICAL SECTION  
STA. 1000+00.00 TO STA. 1007+84.62  
(CONSTRUCTED IN CONTRACT 76C44)

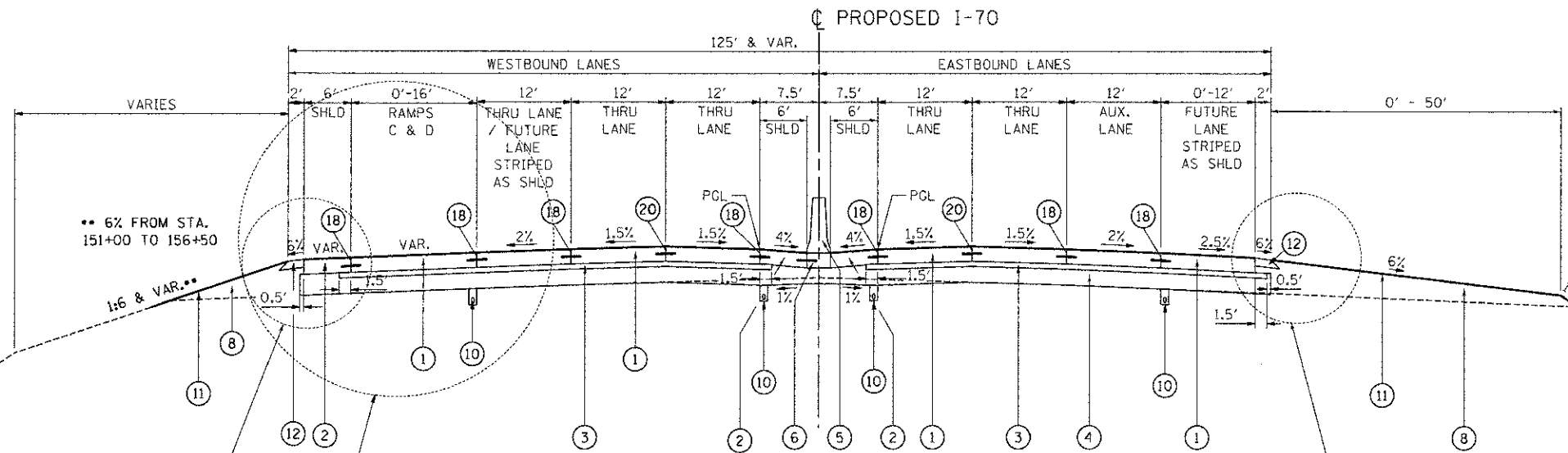
\S:\DCONN-08-BUSBERG\LDON... \S:\DCONN-08-LEGEND\LDON... \S:\DCONN-08-ADIT\LDON... \S:\DCONN-08-CONTRACT SHEETS\CONTRACT 08\DCONN-08-SIT-TYPICAL.LDON  
 \S:\DCONN-08-BUSBERG\LDON... \S:\DCONN-08-LEGEND\LDON... \S:\DCONN-08-ADIT\LDON... \S:\DCONN-08-CONTRACT SHEETS\CONTRACT 08\DCONN-08-SIT-TYPICAL.LDON  
 \S:\DCONN-08-BUSBERG\LDON... \S:\DCONN-08-LEGEND\LDON... \S:\DCONN-08-ADIT\LDON... \S:\DCONN-08-CONTRACT SHEETS\CONTRACT 08\DCONN-08-SIT-TYPICAL.LDON



**DETAIL A**  
STA. 147+35.00 TO  
STA. 151+48.41



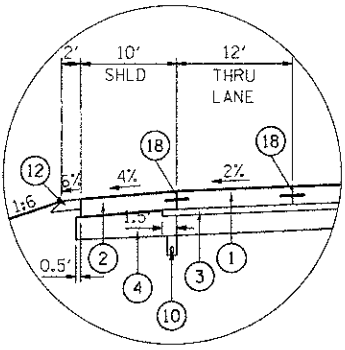
**DETAIL B**  
STA. 147+35.00 TO STA. 150+01.01  
GUARDRAIL & CURB END AT 150+01.01



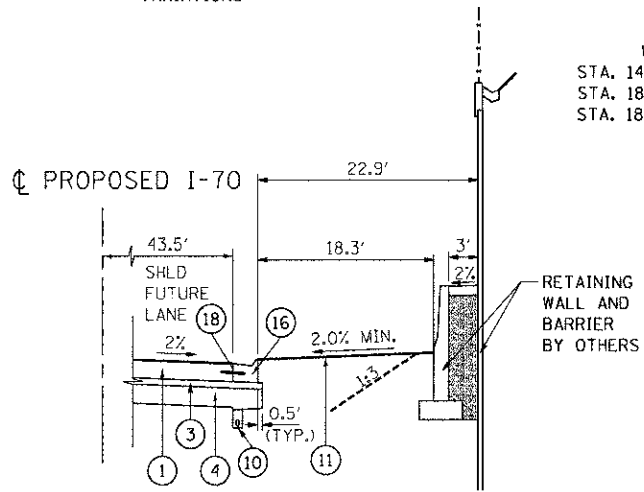
**C** PROPOSED I-70 TYPICAL SECTION  
STA. 147+35.00 TO STA. 156+46.00  
STA. 166+83.54 TO STA. 183+93.00  
(INSIDE PCC SHOULDERS 11 1/4" BEGIN AT STA. 148+85)

WB SUPERELEVATION TRANSITION  
STA. 147+65.00 5.40% TO STA. 152+24.00 N.C.  
STA. 182+24.00 N.C. TO STA. 183+93.00 3.30%  
STA. 188+68.00 3.30% TO STA. 190+37.00 N.C.

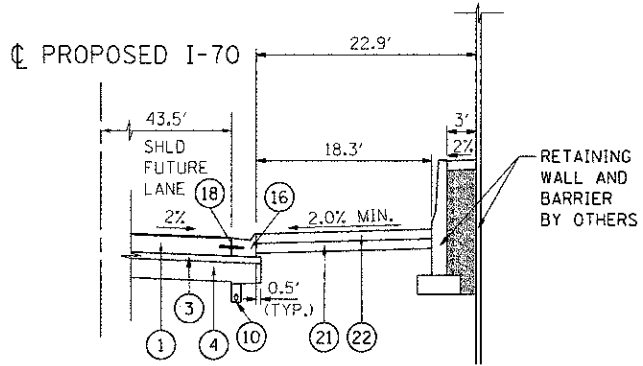
EB SUPERELEVATION TRANSITION  
STA. 147+65.00 5.40% TO STA. 150+71.00 N.C.  
STA. 181+38.00 N.C. TO STA. 183+93.00 3.30%  
STA. 188+68.00 3.30% TO STA. 191+12.00 N.C.



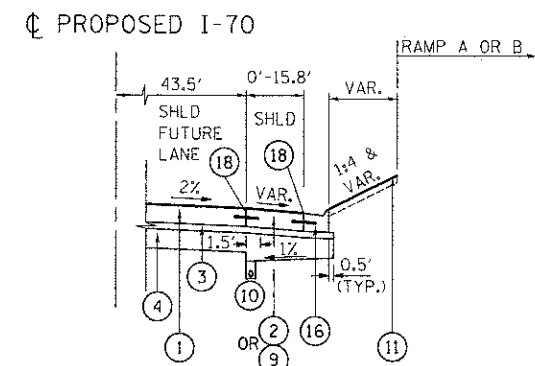
**DETAIL C**  
STA. 173+30.23 TO  
STA. 183+93.00



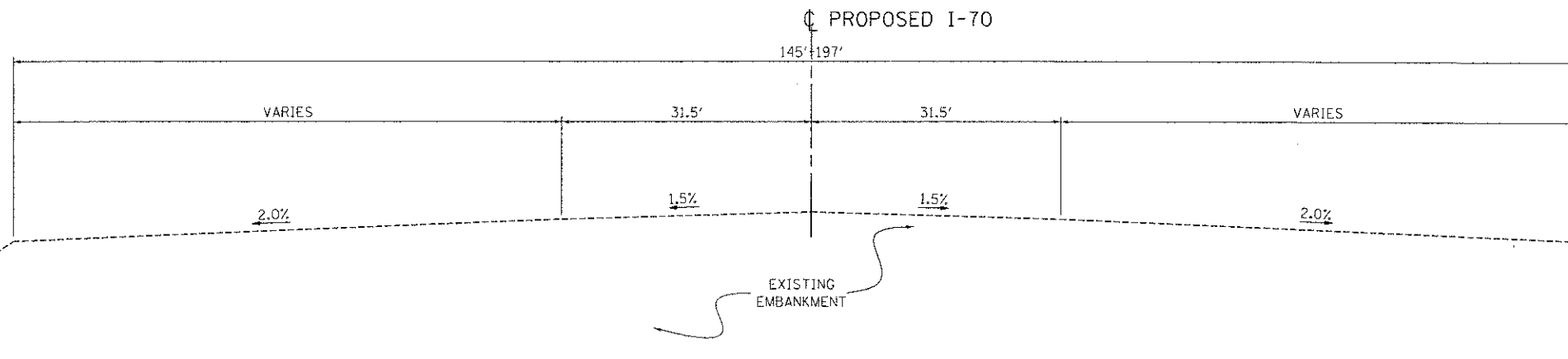
**D** PROPOSED I-70 TYPICAL SECTION  
STA. 171+70.52 TO STA. 172+38.26  
STA. 173+15.09 TO STA. 179+67.03



**E** PROPOSED I-70 TYPICAL SECTION  
STA. 172+38.26 TO STA. 173+15.09



**F** PROPOSED I-70 TYPICAL SECTION  
STA. 163+81.64 TO STA. 171+70.52 &  
STA. 179+67.03 TO STA. 182+17.05



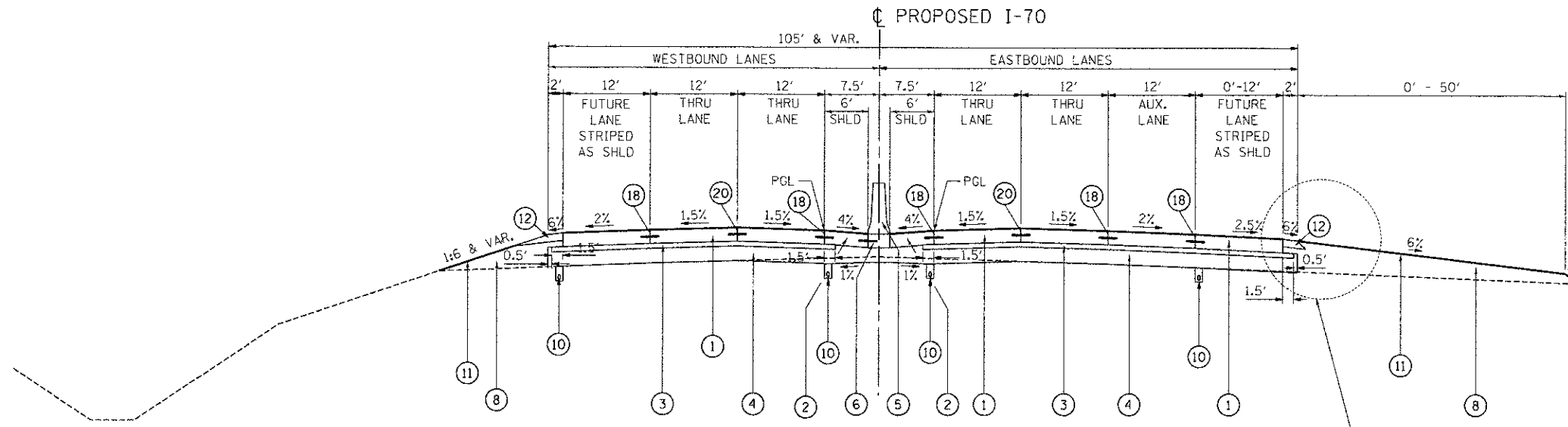
**G** EXISTING I-70 TYPICAL SECTION  
STA. 147+35.00 TO STA. 192+00.00  
(CONSTRUCTED IN CONTRACT 76C44 & 76C41)  
EMBANKMENT CROSS SLOPES WILL VARY  
IN SUPERELEVATION SECTIONS

- PROPOSED LEGEND**
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
  - 2 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
  - 3 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
  - 5 CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - 6 CONCRETE BARRIER BASE (SEE ROADWAY DETAILS FOR TIE BAR AND JOINT DETAILS)
  - 7 CONCRETE SHOULDER CURB (STD. 610001)
  - 8 EMBANKMENT
  - 9 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINED)
  - 10 PIPE UNDERDRAINS 4"
  - 11 SEEDING, (LANDSCAPING BY OTHERS)
  - 12 AGGREGATE SHOULDERS, TYPE B 6"
  - 13 STR. TIE BAR (SEE STR. SHEETS FOR DETAILS)
  - 14 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
  - 15 LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)
  - 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
  - 17 ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
  - 18 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
  - 19 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
  - 20 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
  - 21 AGGREGATE BASE COURSE, TYPE B 6"
  - 22 CONCRETE MEDIAN SURFACE, 6 INCH
- ALL TIE BARS SHALL BE EPOXY COATED

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

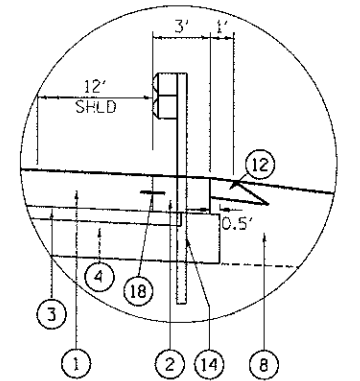
NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT 12" REQUIRED BEYOND THE LIMITS OF THE STABILIZED SUBBASE HMA, 4" OR REQUIRED TO SLOPE THE SHOULDER SUBGRADE TO THE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12".

FILE NAME \* USER NAME = #USER# DESIGNED - JB REVISED - DRAWN - JB REVISED - CHECKED - ACL REVISED - DATE - 06/29/12 REVISED -  
 #FILE# PLOT SCALE = #SCALE# PLOT DATE = #DATE#  
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS  
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION  
 PROPOSED I-70 TYPICAL SECTIONS 2  
 F.A.P. RTE. 998 SECTION 82-3R COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 15  
 SCALE: N.T.S. SHEET NO. 2 OF 5 SHEETS STA. TO STA. CONTRACT NO. 76C43  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

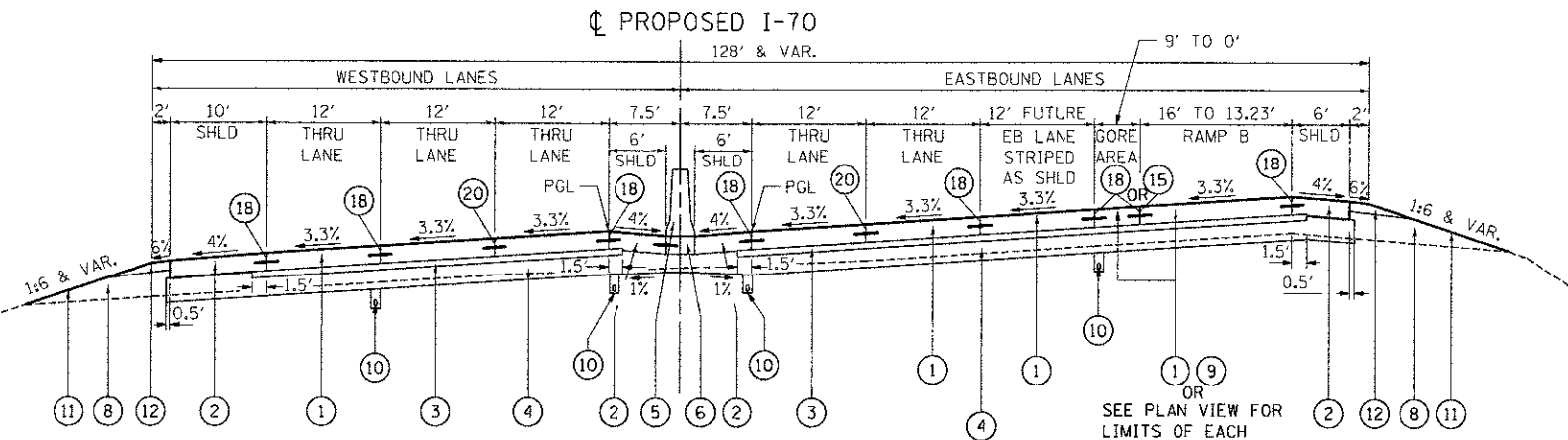


**H** PROPOSED I-70 TYPICAL SECTION  
 STA. 156+46.00 TO STA. 166+83.54  
 SEE SECTION C ON SHEET 15 FOR STA. 166+83.54 TO STA. 183+93.00

SEE DETAIL C & SECTION E FOR VARIATIONS

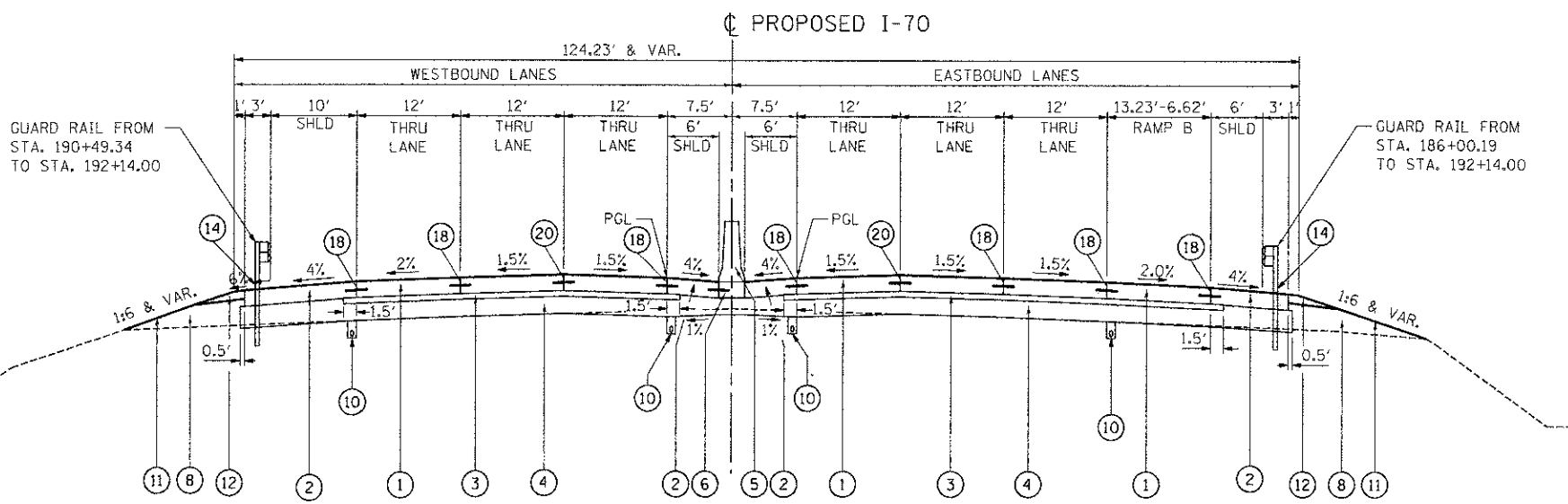


**DETAIL C**  
 STA. 156+37.50 TO STA. 158+00.00



**I** PROPOSED I-70 TYPICAL SECTION  
 STA. 183+93.00 TO STA. 188+68.00

SEE PLAN VIEW FOR LIMITS OF EACH



**J** PROPOSED I-70 TYPICAL SECTION  
 STA. 188+68.00 TO STA. 191+99.00

WB SUPERELEVATION TRANSITION STA. 188+68.00 3.30% TO STA. 190+37.00 N.C.  
 EB SUPERELEVATION TRANSITION STA. 188+68.00 3.30% TO STA. 191+12.00 N.C.

- PROPOSED LEGEND**
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
  - 2 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
  - 3 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
  - 5 CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - 6 CONCRETE BARRIER BASE (SEE ROADWAY DETAILS FOR TIE BAR AND JOINT DETAILS)
  - 7 CONCRETE SHOULDER CURB (STD. 610001)
  - 8 EMBANKMENT
  - 9 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
  - 10 PIPE UNDERDRAINS 4"
  - 11 SEEDING, (LANDSCAPING BY OTHERS)
  - 12 AGGREGATE SHOULDERS, TYPE B 6"
  - 13 STR. TIE BAR (SEE STR. SHEETS FOR DETAILS)
  - 14 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
  - 15 LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)
  - 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
  - 17 ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
  - 18 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
  - 19 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
  - 20 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
  - 21 AGGREGATE BASE COURSE, TYPE B 6"
  - 22 CONCRETE MEDIAN SURFACE, 6 INCH

ALL TIE BARS SHALL BE EPOXY COATED

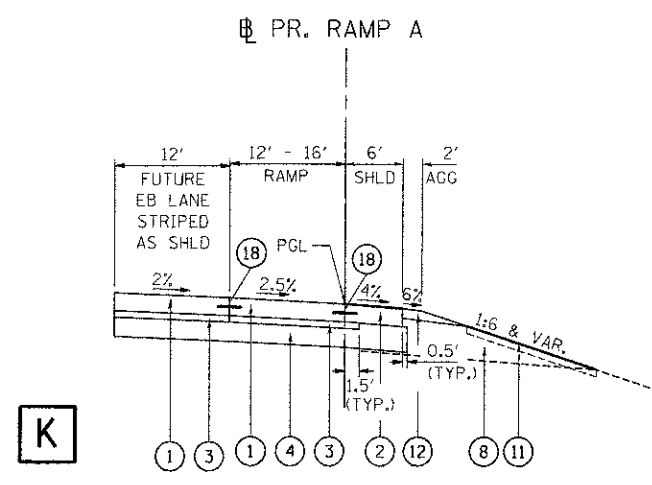
☐ = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT 12" REQUIRED BEYOND THE LIMITS OF THE STABILIZED SUBBASE HMA, 4" OR REQUIRED TO SLOPE THE SHOULDER SUBGRADE TO THE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12".

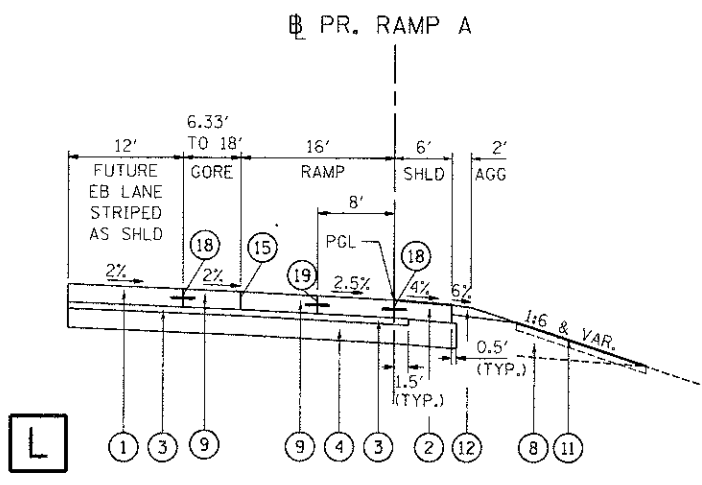
FILE NAME = #FILE# USER NAME = #USER# DESIGNED - JB REVISED - DRAWN - JB REVISED - CHECKED - ACL REVISED - DATE - 06/29/12 REVISED -  
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS  
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION  
 PROPOSED I-70 TYPICAL SECTIONS 3  
 SCALE: N.T.S. SHEET NO. 3 OF 5 SHEETS STA. TO STA.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION				PROPOSED I-70 TYPICAL SECTIONS 3				F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEET SHEETS: NO. 294	16
PLOT SCALE = #SCALE#	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -									SCALE: N.T.S.	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS

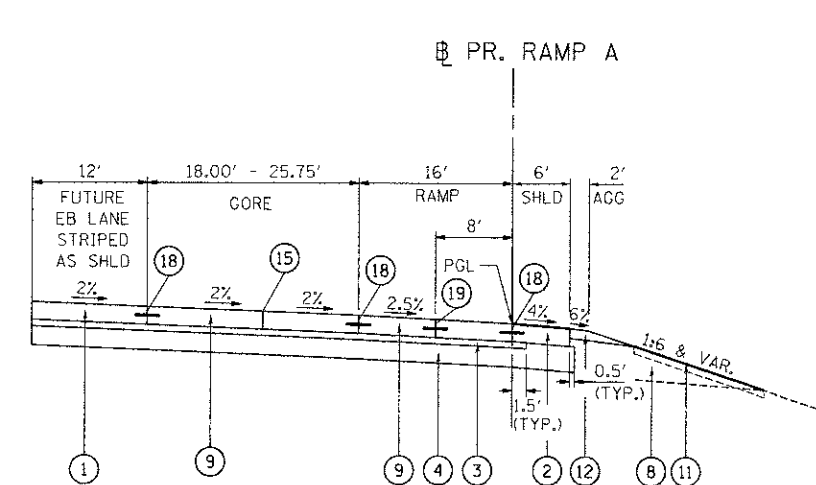




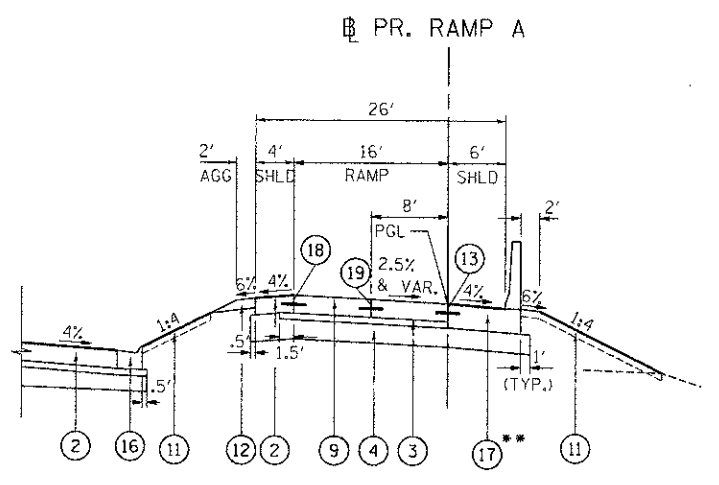
**K** PROPOSED RAMP A TYPICAL SECTION  
STA. 11+72.03 TO STA. 13+19.60



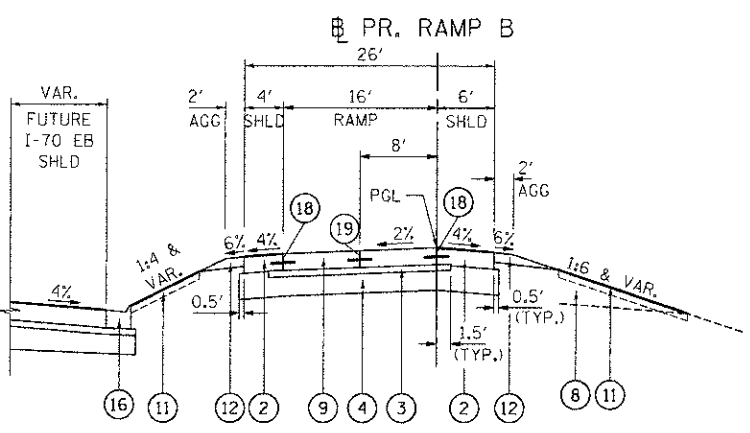
**L** PROPOSED RAMP A TYPICAL SECTION  
STA. 13+19.60 TO STA. 14+86.85



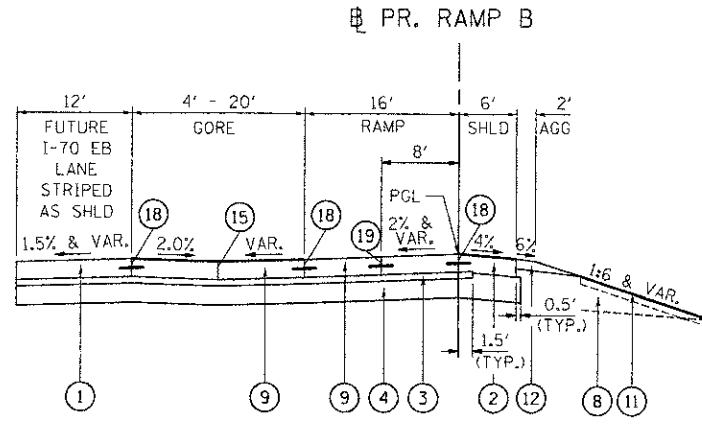
**M** PROPOSED RAMP A TYPICAL SECTION  
STA. 14+86.85 TO STA. 15+98.18



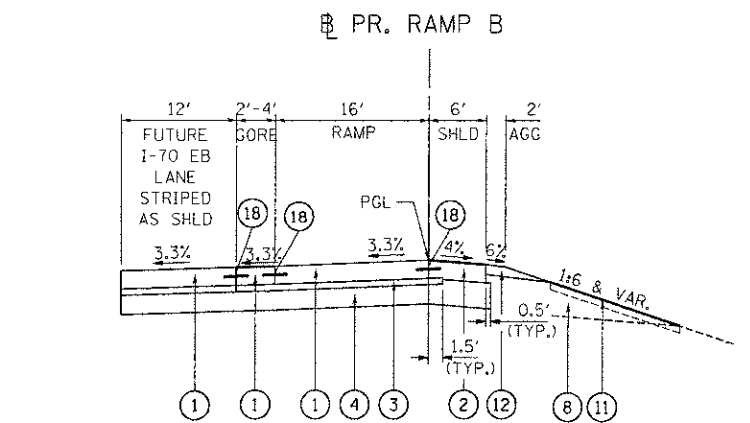
**N** PROPOSED RAMP A TYPICAL SECTION  
STA. 15+98.18 TO STA. 17+25  
S.E. TRANSITION 16+50.00 (+2.5%)  
TO 18+00.00 (-2.0%)  
CONTRACT LIMITS AT 17+25  
\*\*BEGINS AT STA. 15+25



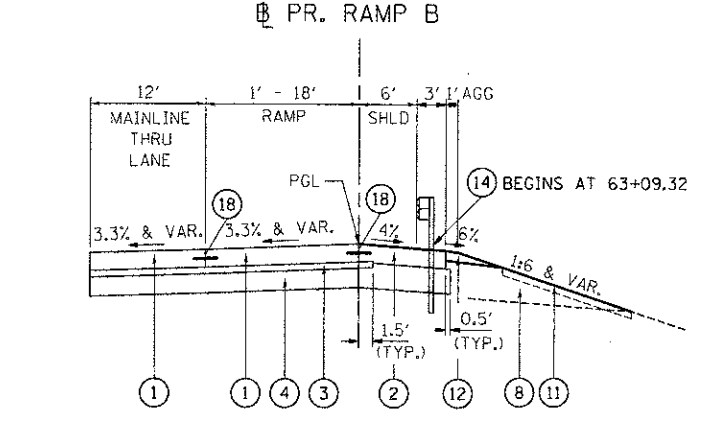
**O** PROPOSED RAMP B TYPICAL SECTION  
STA. 58+14.00 TO STA. 59+23.21



**P** PROPOSED RAMP B TYPICAL SECTION  
STA. 59+23.21 TO STA. 62+40.04



**Q** PROPOSED RAMP B TYPICAL SECTION  
STA. 62+40.04 TO STA. 63+40.27



**R** PROPOSED RAMP B TYPICAL SECTION  
STA. 63+40.27 TO STA. 71+93.79  
RAMP SUPERELEVATION MATCHES  
MAINLINE S.E. OF THIRD THRU LANE  
STA. 69+12.73 TO STA. 71+93.79 BY OTHERS

**RAMP A**

STRUCTURAL DESIGN TRAFFIC:	YEAR 2030
PV = 9,221	SU = NA MU = 1,025
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 100% S = NA M = 100%
TRAFFIC FACTOR	ACTUAL TF = 14.30 AC TYPE = 20
	MINIMUM TF = 6.70
PG GRADE:	BINDER = NA SURFACE = NA
SUBGRADE SUPPORT RATING:	SSR = POOR

**RAMP B**

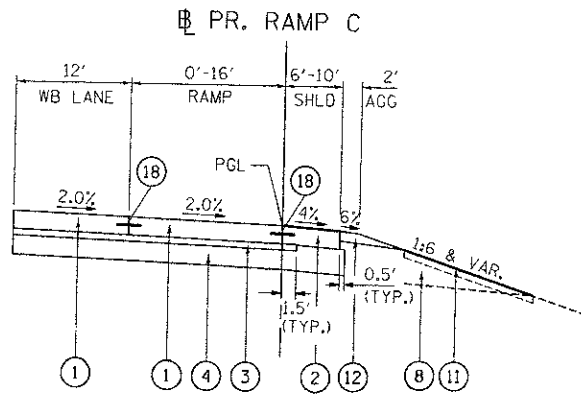
STRUCTURAL DESIGN TRAFFIC:	YEAR 2030
PV = 4,595	SU = NA MU = 511
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 100% S = NA M = 100%
TRAFFIC FACTOR	ACTUAL TF = 7.13 AC TYPE = 20
	MINIMUM TF = 6.70
PG GRADE:	BINDER = NA SURFACE = NA
SUBGRADE SUPPORT RATING:	SSR = POOR

- PROPOSED LEGEND**
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
  - 2 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
  - 3 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
  - 5 CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - 6 CONCRETE BARRIER BASE (SEE ROADWAY DETAILS FOR TIE BAR AND JOINT DETAILS)
  - 7 CONCRETE SHOULDER CURB (STD. 610001)
  - 8 EMBANKMENT
  - 9 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
  - 10 PIPE UNDERDRAINS 4"
  - 11 SEEDING, (LANDSCAPING BY OTHERS)
  - 12 AGGREGATE SHOULDERS, TYPE B 6"
  - 13 STR. TIE BAR (SEE STR. SHEETS FOR DETAILS)
  - 14 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
  - 15 LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)
  - 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
  - 17 ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
  - 18 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
  - 19 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
  - 20 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
  - 21 AGGREGATE BASE COURSE, TYPE B 6"
  - 22 CONCRETE MEDIAN SURFACE, 6 INCH
- ALL TIE BARS SHALL BE EPOXY COATED

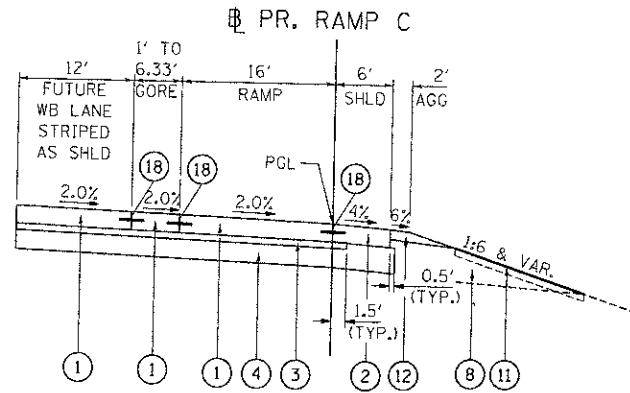
INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT 12" REQUIRED BEYOND THE LIMITS OF THE STABILIZED SUBBASE HMA, 4" OR REQUIRED TO SLOPE THE SHOULDER SUBGRADE TO THE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12".

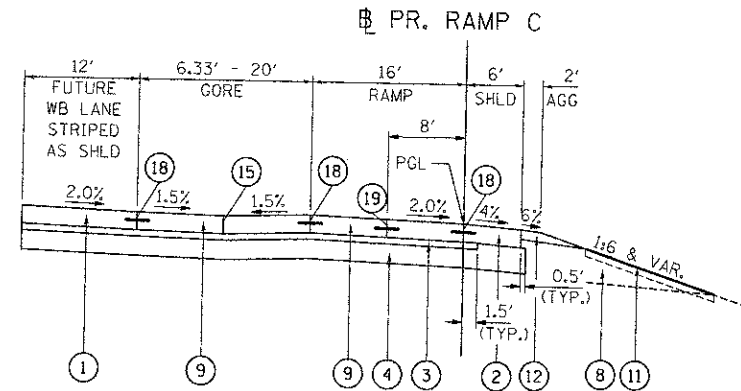
FILE NAME = USER NAME = #USER# DESIGNED - JB REVISED - DRAWN - JB REVISED - CHECKED - ACL REVISED - DATE - 06/29/12 REVISED -  
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS  
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION  
 PROPOSED I-70 TYPICAL SECTIONS 4  
 SCALE: N.T.S. SHEET NO. 4 OF 5 SHEETS STA. TO STA.



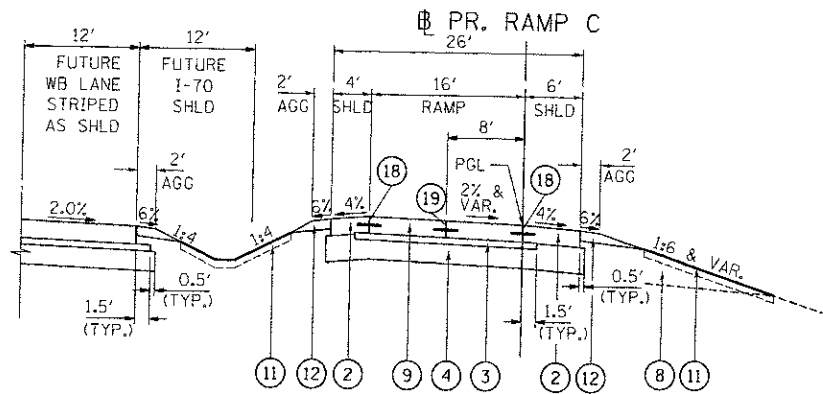
**S** PROPOSED RAMP C TYPICAL SECTION  
STA. 102+38.79 TO STA. 105+32.24



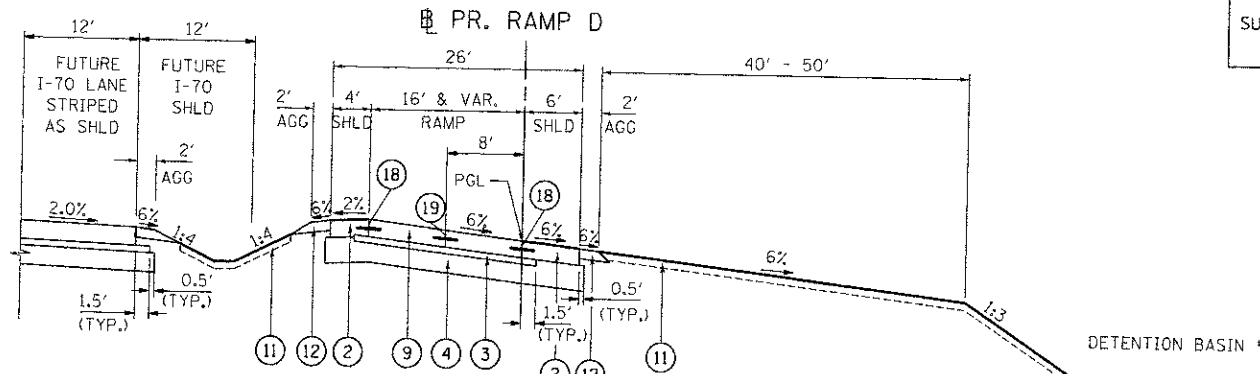
**T** PROPOSED RAMP C TYPICAL SECTION  
STA. 105+32.24 TO STA. 106+30.21



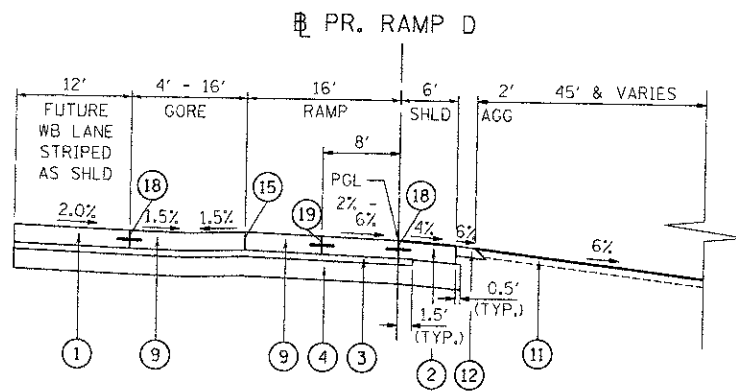
**U** PROPOSED RAMP C TYPICAL SECTION  
STA. 106+30.21 TO STA. 108+85.35



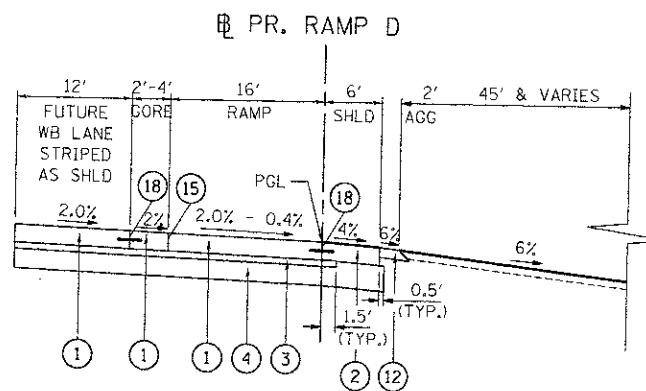
**V** PROPOSED RAMP C TYPICAL SECTION  
STA. 108+85.35 TO STA. 110+40.00  
S.E. TRANSITION 109+40 (+2%) TO 110+90 (+6%)



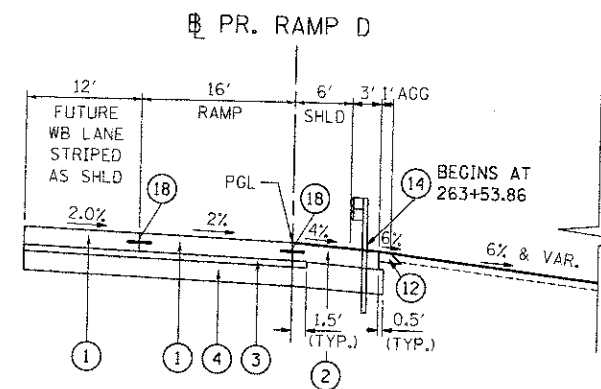
**W** PROPOSED RAMP D TYPICAL SECTION  
STA. 258+00.00 TO STA. 258+59.78



**X** PROPOSED RAMP D TYPICAL SECTION  
STA. 258+59.78 TO STA. 261+35.75  
S.E. TRANSITION 258+85.00 (6%) TO 260+15.00 (2%)



**Y** PROPOSED RAMP D TYPICAL SECTION  
STA. 261+35.75 TO STA. 263+35.79  
S.E. TRANSITION 262+72.74 (+2%) TO 265+35.67 (-2.62%)



**Z** PROPOSED RAMP D TYPICAL SECTION  
STA. 263+35.79 TO STA. 265+35.67  
S.E. TRANSITION 262+72.74 (+2%) TO 265+35.67 (-2.62%)

RAMP C	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2030
PV = 11,092	SU = NA MU = 1,232
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 100% S = NA M = 100%
TRAFFIC FACTOR	ACTUAL TF = 17.20 AC TYPE = 20
	MINIMUM TF = 6.70
PG GRADE:	BINDER = NA SURFACE = NA
SUBGRADE SUPPORT RATING:	SSR = POOR
RAMP D	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2030
PV = 11,092	SU = NA MU = 1,232
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 100% S = NA M = 100%
TRAFFIC FACTOR	ACTUAL TF = 17.20 AC TYPE = 20
	MINIMUM TF = 6.70
PG GRADE:	BINDER = NA SURFACE = NA
SUBGRADE SUPPORT RATING:	SSR = POOR

**PROPOSED LEGEND**

- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- 2 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- 3 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 5 CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- 6 CONCRETE BARRIER BASE (SEE ROADWAY DETAILS FOR TIE BAR AND JOINT DETAILS)
- 7 CONCRETE SHOULDER CURB (STD. 610001)
- 8 EMBANKMENT
- 9 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
- 10 PIPE UNDERDRAINS 4"
- 11 SEEDING, (LANDSCAPING BY OTHERS)
- 12 AGGREGATE SHOULDERS, TYPE B 6"
- 13 STR. TIE BAR (SEE STR. SHEETS FOR DETAILS)
- 14 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
- 15 LONGITUDINAL KEYPED JOINT (WITHOUT TIE BARS)
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- 17 ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
- 18 LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- 19 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- 20 LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.
- 21 AGGREGATE BASE COURSE, TYPE B 6"
- 22 CONCRETE MEDIAN SURFACE, 6 INCH

ALL TIE BARS SHALL BE EPOXY COATED

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT 12" REQUIRED BEYOND THE LIMITS OF THE STABILIZED SUBBASE HMA, 4" OR REQUIRED TO SLOPE THE SHOULDER SUBGRADE TO THE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SO YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12".

CROSS SECTION EARTHWORK

LOCATION STA. TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15%) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% SUITABLE) (CU YD)	EARTH EXCAVATION TO BE USED IN EMBANKMENT (25% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTES 3 AND 4 (CU YD)
INTERSTATE 70						
140+67.00 141+00.00	16.1	2.4	13.7	10.3	1.8	8.5
141+00.00 141+50.00	24.8	3.7	21.1	15.8	3.0	12.9
141+50.00 142+00.00	21.8	3.3	18.5	13.9	3.1	10.7
142+00.00 142+50.00	21.9	3.3	18.7	14.0	3.1	10.8
142+50.00 143+00.00	22.1	3.3	18.8	14.1	3.1	11.0
143+00.00 143+50.00	22.4	3.4	19.0	14.3	3.1	11.1
143+50.00 144+00.00	22.7	3.4	19.3	14.5	3.1	11.4
144+00.00 144+50.00	22.8	3.4	19.4	14.5	3.0	11.6
144+50.00 145+00.00	22.3	3.3	19.0	14.2	3.1	11.2
145+00.00 145+50.00	21.3	3.2	18.1	13.6	3.1	10.4
145+50.00 146+00.00	20.1	3.0	17.1	12.8	3.2	9.6
146+00.00 146+50.00	18.8	2.8	16.0	12.0	3.3	8.6
146+50.00 147+00.00	17.5	2.6	14.9	11.2	3.4	7.7
147+00.00 147+50.00	16.2	2.4	13.8	10.3	14.5	-4.2
147+50.00 148+00.00	14.5	2.2	12.4	9.3	25.0	-15.7
148+00.00 148+50.00	13.7	2.1	11.6	8.7	23.1	-14.3
148+50.00 149+00.00	11.4	1.7	9.7	7.3	21.2	-13.9
149+00.00 149+50.00	46.6	7.0	39.6	29.7	19.1	10.6
149+50.00 150+00.00	82.1	12.3	69.8	52.4	37.6	14.8
150+00.00 150+50.00	68.8	10.3	58.5	43.9	100.7	-56.9
150+50.00 151+00.00	55.4	8.3	47.1	35.3	126.4	-91.1
151+00.00 151+50.00	49.4	7.4	42.0	31.5	132.4	-100.9
151+50.00 152+00.00	34.4	5.2	29.2	21.9	172.9	-151.0
152+00.00 152+50.00	20.9	3.1	17.8	13.3	202.0	-188.7
152+50.00 153+00.00	18.9	2.8	16.1	12.0	238.9	-226.8
153+00.00 153+50.00	19.1	2.9	16.2	12.2	235.8	-223.7
153+50.00 154+00.00	19.1	2.9	16.2	12.2	215.6	-203.5
154+00.00 154+50.00	23.6	3.5	20.1	15.1	224.9	-209.9
154+50.00 155+00.00	28.3	4.3	24.1	18.1	224.0	-205.9
155+00.00 155+50.00	26.0	3.9	22.1	16.6	209.4	-192.9
155+50.00 156+00.00	29.1	4.4	24.7	18.5	183.1	-164.6
156+00.00 156+50.00	34.5	5.2	29.4	22.0	192.6	-170.6
156+50.00 157+00.00	71.9	10.8	61.1	45.8	191.3	-145.5
157+00.00 157+50.00	65.7	9.9	55.9	41.9	152.1	-110.2
157+50.00 158+00.00	22.0	3.3	18.7	14.0	140.3	-126.2
158+00.00 158+50.00	34.8	5.2	29.6	22.2	140.2	-118.0
158+50.00 159+00.00	34.4	5.2	29.2	21.9	137.4	-115.5
159+00.00 159+50.00	20.5	3.1	17.4	13.0	133.6	-120.6
159+50.00 160+00.00	20.2	3.0	17.2	12.9	96.9	-84.1
160+00.00 160+50.00	20.3	3.0	17.2	12.9	63.6	-50.7
160+50.00 161+00.00	20.4	3.1	17.3	13.0	63.5	-50.5
161+00.00 161+50.00	20.4	3.1	17.3	13.0	63.5	-50.5
161+50.00 162+00.00	20.4	3.1	17.3	13.0	71.6	-58.6
162+00.00 162+50.00	20.8	3.1	17.7	13.3	73.4	-60.1
163+00.00 163+50.00	21.0	3.2	17.9	13.4	65.6	-52.2
163+50.00 164+00.00	20.1	3.0	17.1	12.8	73.0	-60.2
164+00.00 164+50.00	21.5	3.2	18.3	13.7	93.1	-79.5
164+50.00 165+00.00	21.6	3.2	18.3	13.8	130.1	-116.3
165+00.00 165+50.00	19.6	2.9	16.7	12.5	169.6	-157.1
165+50.00 166+00.00	19.6	2.9	16.7	12.5	182.2	-169.7
166+00.00 166+50.00	19.6	2.9	16.7	12.5	179.2	-166.7
166+50.00 167+00.00	18.5	2.8	15.7	11.8	150.7	-138.9
167+00.00 167+50.00	14.7	2.2	12.5	9.4	130.6	-121.2
167+50.00 168+00.00	10.0	1.5	8.5	6.4	140.2	-133.8
168+00.00 168+50.00	7.0	1.1	6.0	4.5	142.9	-138.4
168+50.00 169+00.00	5.8	0.9	5.0	3.7	138.7	-135.0
169+00.00 169+50.00	5.8	0.9	5.0	3.7	125.6	-121.8
169+50.00 170+00.00	7.0	1.1	6.0	4.5	111.3	-106.8
170+00.00 170+50.00	9.8	1.5	8.3	6.3	102.4	-96.2
170+50.00 171+00.00	14.1	2.1	12.0	9.0	94.5	-85.6
171+00.00 171+50.00	17.2	2.6	14.6	11.0	93.3	-82.4
171+50.00 172+00.00	18.0	2.7	15.3	11.5	99.8	-88.4
172+00.00 172+50.00	26.0	3.9	22.1	16.6	69.1	-52.5
172+50.00 173+00.00	34.1	5.1	29.0	21.7	34.2	-12.4

CROSS SECTION EARTHWORK

LOCATION STA. TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15%) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% SUITABLE) (CU YD)	EARTH EXCAVATION TO BE USED IN EMBANKMENT (25% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTES 3 AND 4 (CU YD)
INTERSTATE 70						
173+00.00 173+50.00	26.0	3.9	22.1	16.6	64.1	-47.5
173+50.00 174+00.00	18.0	2.7	15.3	11.5	94.1	-82.6
174+00.00 174+50.00	18.0	2.7	15.3	11.5	94.1	-82.6
174+50.00 175+00.00	18.0	2.7	15.3	11.5	94.0	-82.5
175+00.00 175+50.00	18.0	2.7	15.3	11.5	93.7	-82.3
175+50.00 176+00.00	18.0	2.7	15.3	11.5	93.7	-82.3
176+00.00 176+50.00	18.0	2.7	15.3	11.5	93.7	-82.3
176+50.00 177+00.00	18.0	2.7	15.3	11.5	93.6	-82.2
177+00.00 177+50.00	18.0	2.7	15.3	11.5	93.6	-82.2
177+50.00 178+00.00	18.0	2.7	15.3	11.5	93.5	-82.1
178+00.00 178+50.00	18.0	2.7	15.3	11.5	131.2	-119.8
178+50.00 179+00.00	18.0	2.7	15.3	11.5	163.4	-152.0
179+00.00 179+50.00	18.0	2.7	15.3	11.5	150.6	-139.2
179+50.00 180+00.00	18.1	2.7	15.4	11.6	122.7	-111.1
180+00.00 180+50.00	18.6	2.8	15.8	11.9	88.8	-76.9
180+50.00 181+00.00	19.7	3.0	16.8	12.6	64.7	-52.1
181+00.00 181+50.00	20.1	3.0	17.1	12.8	152.8	-140.0
181+50.00 182+00.00	24.5	3.7	20.9	15.6	192.1	-176.5
182+00.00 182+50.00	40.7	6.1	34.6	26.0	90.8	-64.9
182+50.00 183+00.00	72.7	10.9	61.8	46.3	47.2	-0.9
183+00.00 183+50.00	98.1	14.7	83.4	62.6	44.2	18.4
183+50.00 184+00.00	104.6	15.7	88.9	66.7	43.1	23.6
184+00.00 184+50.00	103.4	15.5	87.9	65.9	43.7	22.2
184+50.00 185+00.00	99.4	14.9	84.5	63.4	43.8	19.6
185+00.00 185+50.00	99.1	14.9	84.2	63.2	41.2	22.0
185+50.00 186+00.00	95.7	14.4	81.4	61.0	40.5	20.6
186+00.00 186+50.00	91.3	13.7	77.6	58.2	41.9	16.3
186+50.00 187+00.00	90.6	13.6	77.0	57.7	41.9	15.9
187+00.00 187+50.00	89.9	13.5	76.4	57.3	41.9	15.5
187+50.00 188+00.00	89.3	13.4	75.9	56.9	41.9	15.1
188+00.00 188+50.00	88.6	13.3	75.3	56.5	41.9	14.6
188+50.00 189+00.00	86.1	12.9	73.2	54.9	41.6	13.3
189+00.00 189+50.00	80.7	12.1	68.6	51.5	41.1	10.4
189+50.00 190+00.00	66.6	10.0	56.6	42.4	43.8	-1.4
190+00.00 190+50.00	42.7	6.4	36.3	27.2	46.4	-19.2
190+50.00 191+00.00	25.1	3.8	21.3	16.0	35.6	-19.6
191+00.00 191+50.00	23.2	3.5	19.8	14.8	24.1	-9.3
191+50.00 191+99.00	25.7	3.9	21.8	16.4	44.3	-27.9
191+99.00 END	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTAL	3,466.3	519.9	2,946.3	2,209.7	9,210.9	-7,001.2
TRENCH BACKFILL	0	0	0	0	-1,526	1,526
TOTALS	3,466.3	519.9	2,946.3	2,209.7	7,684.9	-5,475.2

PAID FOR AS:  
EARTH EXCAVATION, OR  
REMOVAL AND DISPOSAL OF  
UNSUITABLE MATERIAL.

REMOVAL AND  
DISPOSAL OF  
UNSUITABLE  
MATERIAL  
TOTAL

EARTH  
EXCAVATION  
TOTAL

FURNISHED  
EXCAVATION  
TOTAL

- NOTES:
1. EARTH EXCAVATION, STOCKPILE (IF REQUIRED) AND SUBSEQUENT PLACEMENT (WHEN APPLICABLE) SHALL ONLY BE MEASURED AND PAID FOR ONCE, AND NOT FOR EACH TRANSPORT.
  2. SUITABLE EARTH EXCAVATION SHALL REMAIN ON SITE WITHIN THE I-70 CORRIDOR AND BE PLACED AT THE DIRECTION OF THE ENGINEER.
  3. (-) INDICATES SHORTAGE. FURNISHED EXCAVATION OR EARTH EXCAVATION IS REQUIRED.  
(+) INDICATES SURPLUS EARTH EXCAVATION TO BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.
  4. ALL EARTH WORK CALCULATIONS ASSUME THAT CONTRACTS 76C41, 76D05, AND 76E06 HAVE FINISHED GRADING WITHIN THE MAINLINE PAVING LIMITS. IF THIS WORK HAS NOT BEEN COMPLETED, ADDITIONAL EARTHWORK MAY BE REQUIRED.

\S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.DGN  
 \S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.EJDDN  
 \S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.EJDDN  
 \S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.EJDDN  
 \S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.EJDDN  
 \S:\00\41\VAULT.TD - TRNS. 07\A\282\2869-001\VT\L\CR01.PE ALL CONTRACTS\CONTRACT SHEETS CONTRACT 08\URCON-88-SHT-SCHEDULE.EJDDN



PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4" TOTAL 11,400 SQ YD					
	FROM		TO		
LOCATION	STA	OFF	STA	OFF	SUBTOTALS
PR I-70	140+90.29	43.20 RT	148+00.00	58.50 RT	1,730
PR I-70	147+34.96	62.14 LT	148+00.00	54.03 LT	602
PR I-70	148+00.00	63.03 LT	152+66.93	61.50 LT	3,986
PR I-70	148+85.00	7.50 LT	162+00.00	1.50 LT	8,790
PR I-70	148+85.00	1.50 RT	162+00.00	7.50 LT	7,890
PR I-70	148+00.00	56.00 RT	150+01.01	58.50 RT	496
PR I-70	156+09.51	55.50 RT	158+00.00	58.50 RT	600
PR I-70	162+00.00	7.50 LT	176+00.00	1.50 LT	8,400
PR I-70	162+00.00	1.50 RT	176+00.00	7.50 RT	8,400
PR I-70	163+81.54	53.28 RT	171+20.48	44.50 RT	3,833
PR I-70	173+30.23	53.50 LT	176+00.00	43.50 LT	2,698
PR I-70	176+00.00	53.50 LT	190+00.00	43.50 LT	13,983
PR I-70	176+00.00	7.50 LT	190+00.00	1.50 LT	8,396
PR I-70	176+00.00	1.50 RT	190+00.00	7.50 RT	8,404
PR I-70	190+00.00	43.5 LT	192+14.00	56.5 LT	2,484
PR I-70	190+00.00	7.50 LT	191+99.00	1.50 LT	1,194
PR I-70	190+00.00	1.50 RT	191+99.00	7.50 RT	1,194
PR I-70	190+00.00	54.10 RT	192+14.06	58.82 RT	1,833
RAMP A	10+86.22	6.00 RT	14+17.38	0.00 LT	1,731
RAMP A	14+17.80	6.00 RT	15+25.00	0.00 LT	753
RAMP A	15+98.18	16.00 LT	17+25.00	20.00 LT	507
RAMP B	58+14.00	20.00 LT	59+23.21	16.00 LT	437
RAMP B	58+14.00	0.00 RT	67+13.51	9.00 RT	6,748
RAMP C	102+38.79	0.00 LT	110+39.97	6.00 RT	4,934
RAMP C	108+85.35	16.00 LT	110+39.97	20.00 LT	618
RAMP D	258+00.00	6.00 RT	262+35.45	0.00 LT	2,606
RAMP D	258+00.00	16.00 LT	258+59.78	20.00 LT	250

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS TOTAL 1,950.0 FOOT					
LOCATION	FROM STA	TO STA	OFFSET		SUBTOTALS
PR I-70	141+05.28	149+88.51	RT		862.5
PR I-70	150+98.45	147+76.84	LT		325.0
PR I-70	156+87.50	157+87.50	RT		100.0
PR I-70	186+49.40	191+70.26	RT		525.0
PR I-70	191+99.34	190+61.84	LT		137.5

CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT TOTAL 4,993 FOOT				
LOCATION	STA.	STA.		SUBTOTALS
PR I-70	141+25.00	148+00.00		675
PR I-70	148+00.00	162+00.00		1,400
PR I-70	162+00.00	172+31.56		1,032
PR I-70	173+13.06	176+00.00		287
PR I-70	176+00.00	190+00.00		1,400
PR I-70	190+00.00	191+99.00		199

TRAFFIC BARRIER TERMINAL, TYPE 2 TOTAL 3 EACH					
LOCATION	FROM STA	TO STA	OFFSET		SUBTOTALS
PR I-70	149+88.51	150+01.01	RT		1
PR I-70	157+87.50	158+00.00	RT		1
PR I-70	190+49.34	190+61.54	LT		1

CONCRETE BARRIER TRANSITION TOTAL 56 FOOT				
LOCATION	FROM STA.	TO STA.	LENGTH (FT)	SUBTOTALS
PR I-70	140+96.67	141+25.00	28	28
PR I-70	172+31.56	172+45.56	14	14
PR I-70	172+99.06	173+13.06	14	14

TRAFFIC BARRIER TERMINAL, TYPE 5 TOTAL 2 EACH					
LOCATION	FROM STA	TO STA	OFFSET		SUBTOTALS
PR I-70	140+90.29	141+05.28	RT		1
PR I-70	192+14.00	191+99.34	LT		1

CONCRETE BARRIER BASE TOTAL 5,049 FOOT				
LOCATION	STA.	STA.		SUBTOTALS
PR I-70	140+96.46	148+00.00		704
PR I-70	148+00.00	162+00.00		1,400
PR I-70	162+00.00	172+45.46		1,045
PR I-70	172+99.06	176+00.00		301
PR I-70	176+00.00	190+00.00		1,400
PR I-70	190+00.00	191+99.00		199

PIPE CULVERT REMOVAL TOTAL 70 FOOT					
LOCATION	STATION	OFFSET	STATION	OFFSET	SUBTOTALS
PR I-70	150+49.45	106.1 RT	151+19.15	110.7 RT	70

TRAFFIC BARRIER TERMINAL, TYPE 6 TOTAL 2 EACH					
LOCATION	FROM STA	TO STA	OFFSET		SUBTOTALS
PR I-70	147+76.84	147+35.00	LT		1
PR I-70	191+70.26	192+14.00	RT		1

SHOULDER RUMBLE STRIPS, 16 INCH TOTAL 10,497 FOOT								
LOCATION	FROM STA.	TO STA.	LENGTH (FT) EB INSIDE	LENGTH (FT) EB OUTSIDE	LENGTH (FT) WB INSIDE	LENGTH (FT) WB OUTSIDE		SUBTOTALS
PR I-70	148+85.08	191+99.00	4,313.9	-	-	4,313.9	-	8,628
PR I-70	173+30.23	191+99.00	-	-	-	1,868.8	-	1,869

CONCRETE GUTTER, TYPE B TOTAL 25 FOOT			
LOCATION	STA.	STA.	SUBTOTALS
RET WALL FACE	439+23.50	439+48.41	25
	BEHIND ABUTMENT MSE WALL		

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT TOTAL 3 EACH					
LOCATION	FROM STA	TO STA	OFFSET		SUBTOTALS
PR I-70	151+48.41	150+98.45	LT		1
PR I-70	156+37.51	156+87.50	RT		1
PR I-70	186+00.19	186+49.40	RT		1

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 TOTAL 1 EACH				
LOCATION	FROM STA.	TO STA.		SUBTOTALS
RAMP A	14+95	15+25		1

CONCRETE MEDIAN SURFACE, 6 INCH TOTAL 1,409 SQ FT					
LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
PR I-70	172+38.26	46.08 RT	173+15.09	46.08 RT	1409

DELINEATORS TOTAL 47 EACH							
LOCATION	FROM STA.	TO STA.	LT/RT	LENGTH	SPACING	NO. SIDES	SUBTOTALS
I-70	150+00.00	155+50.00	RT	550	400	1	2
RAMP A	10+17.44	15+00.00	RT	483	100	1	5
I-70	163+81.64	182+17.05	RT	1,835	400	1	5
RAMP B	55+37.85	62+34.41	RT	697	100	1	7
RAMP D	258+00.00	263+53.86	RT	554	100	1	6
I-70	156+48.00	166+83.54	LT	1,036	400	1	3
RAMP C	100+00.00	110+40.00	RT	1,040	100	1	11
I-70	176+00.00	190+49.34	LT	1,449	400	1	4
I-70	164+85.00		RT	ON SIGN POST	NA		1
I-70	164+85.00		RT	ON SIGN POST	NA		1
I-70	166+31.00		LT	ON SIGN POST	NA		1
I-70	166+31.00		LT	ON SIGN POST	NA		1

ATTENUATOR BASE TOTAL 14 SQ YD				
LOCATION	FROM STA.	TO STA.		SUBTOTALS
RAMP A	14+95	15+25		14

CONTRACT SHEET NO. 98-01(2) (REV. 8/78) CONTRACT SHEET NO. 98-01(2) (REV. 8/78) CONTRACT SHEET NO. 98-01(2) (REV. 8/78)

FILE NAME: #FILE#

USER NAME: #USER#

PLOT SCALE: #SCALE#

PLOT DATE: #DATE#

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

DESIGNED - JB	REVISED -
DRAWN - JB	REVISED -
CHECKED - ACL	REVISED -
DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

**SCHEDULE OF QUANTITIES 3**

F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 21
SCALE: N.T.S.			SHEET NO. 3 OF 5 SHEETS STA. TO STA.	
CONTRACT NO. 76C43				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



CONCRETE HEADWALLS FOR PIPE DRAINS					TOTAL	19	EACH
LOCATION	STA.	OFF.		SUBTOTALS			
PR I-70	150+85.00	122.9 LT		1			
PR I-70	153+69.40	123.4 LT		1			
PR I-70	158+85.85	79.4 LT		1			
PR I-70	161+50.00	68.9 LT		1			
PR I-70	165+72.72	133.0 LT		1			
PR I-70	173+98.82	95.9 LT		1			
PR I-70	176+97.17	83.4 LT		1			
PR I-70	177+18.82	83.4 LT		1			
PR I-70	179+46.22	85.2 LT		1			
PR I-70	183+70.72	85.2 LT		1			
PR I-70	187+24.00	77.0 LT		1			
PR I-70	146+00.00	68.5 RT		1			
PR I-70	151+00.00	82.0 RT		1			
PR I-70	153+69.41	102.0 RT		1			
PR I-70	153+74.47	102.0 RT		1			
PR I-70	158+50.00	122.0 RT		1			
PR I-70	161+48.17	97.0 RT		1			
PR I-70	187+25.06	98.6 RT		1			
RAMP B	58+16.00	33.7 RT		1			

MANHOLES TO BE ADJUSTED						TOTAL	2	EACH
LOCATION	STATION	OFFSET	PR. RIM	EX. RIM	SUBTOTALS			
PR I-70	177+12.74	1.50 RT	418.66	418.72	1			
PR I-70	177+12.73	1.50 LT	418.66	418.72	1			

MANHOLES TO BE RECONSTRUCTED						TOTAL	1	EACH
LOCATION	STATION	OFFSET	PR. RIM	EX. RIM	SUBTOTALS			
PR I-70	177+13.45	43.50 RT	418.61	416.25	1			

DEBRIS REMOVAL (SPECIAL)		TOTAL	10,000	CU YD
AS DIRECTED BY THE ENGINEER				

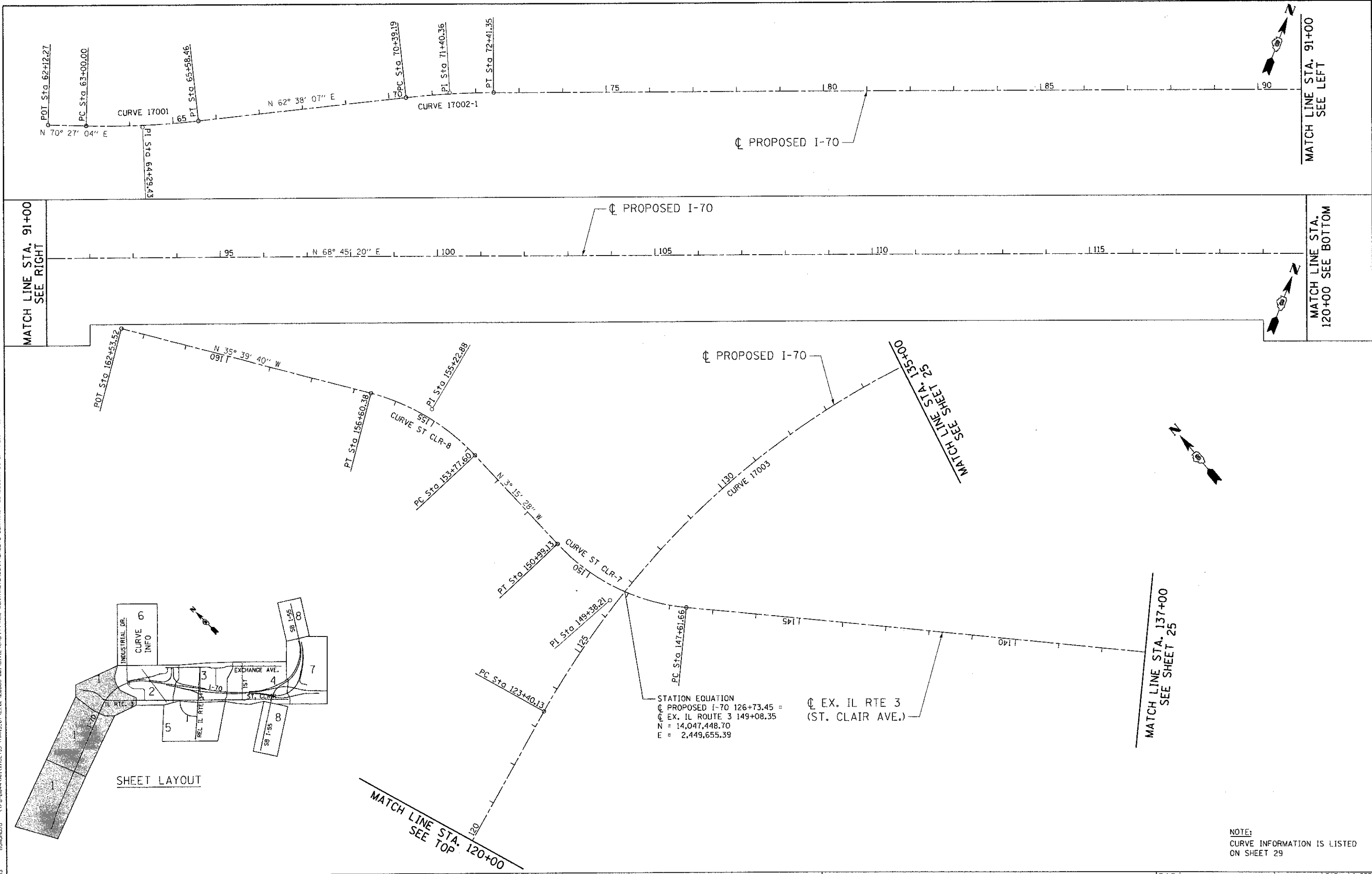
PIPE UNDERDRAINS 4"						TOTAL	19,466	FOOT
LOCATION	STA.	OFF.	STA.	OFF.	SUBTOTALS			
PR I-70	147+35.00	44.0 LT	150+85.00	44.0 LT	353			
PR I-70	150+85.00	44.0 LT	153+68.20	44.0 LT	283			
PR I-70	153+69.00	44.0 LT	158+68.68	44.0 LT	500			
PR I-70	158+71.72	44.0 LT	161+49.05	44.0 LT	277			
PR I-70	161+50.00	44.0 LT	165+64.46	44.0 LT	414			
PR I-70	165+67.86	44.0 LT	168+97.63	44.0 LT	330			
PR I-70	169+03.30	44.0 LT	173+84.00	44.0 LT	481			
PR I-70	173+97.06	44.0 LT	176+96.04	44.0 LT	299			
PR I-70	177+18.82	44.0 LT	179+45.11	44.0 LT	226			
PR I-70	179+46.22	44.0 LT	183+69.53	44.0 LT	423			
PR I-70	183+69.53	44.0 LT	187+22.03	44.0 LT	348			
PR I-70	187+24.00	44.0 LT	191+99.00	44.0 LT	473			
PR I-70	140+96.55	7.0 LT	142+50.00	7.0 LT	154			
PR I-70	140+96.79	7.0 RT	142+50.00	7.0 RT	153			
PR I-70	142+53.29	7.0 LT	145+00.00	7.0 LT	248			
PR I-70	142+53.29	7.0 RT	145+00.00	7.0 RT	246			
PR I-70	145+05.23	7.0 LT	147+50.00	7.0 LT	246			
PR I-70	145+05.64	7.0 RT	147+50.00	7.0 RT	244			
PR I-70	147+53.96	7.0 LT	150+00.00	7.0 LT	247			
PR I-70	147+53.25	7.0 RT	150+00.00	7.0 RT	246			
PR I-70	150+08.07	7.0 LT	153+64.05	7.0 LT	356			
PR I-70	150+07.98	7.0 RT	153+64.71	7.0 RT	357			
PR I-70	153+67.37	7.0 LT	156+44.79	7.0 LT	278			
PR I-70	153+66.71	7.0 RT	156+44.79	7.0 RT	278			
PR I-70	153+69.41	0.0 LT	153+69.41	44.0 LT	44			
PR I-70	153+69.41	46.5 LT	153+69.41	64.0 LT	18			
PR I-70	153+69.41	0.0 RT	153+69.41	44.0 RT	44			
PR I-70	156+50.00	7.0 LT	158+94.33	7.0 LT	244			
PR I-70	156+50.00	7.0 RT	158+94.33	7.0 RT	245			
PR I-70	159+00.00	7.0 LT	161+47.31	7.0 LT	247			
PR I-70	159+00.00	7.0 RT	161+47.31	7.0 RT	247			
PR I-70	161+50.00	7.0 LT	163+95.39	7.0 LT	245			
PR I-70	161+50.00	7.0 RT	163+95.34	7.0 RT	245			
PR I-70	164+00.00	7.0 LT	166+46.06	7.0 LT	246			
PR I-70	164+00.00	7.0 RT	166+46.22	7.0 RT	246			
PR I-70	166+50.00	7.0 LT	168+97.98	7.0 LT	248			
PR I-70	166+50.00	7.0 RT	168+97.98	7.0 RT	248			
PR I-70	169+03.30	7.0 LT	171+48.50	7.0 LT	245			
PR I-70	169+03.48	7.0 RT	171+48.50	7.0 RT	245			
PR I-70	171+54.30	7.0 LT	174+00.00	7.0 LT	246			
PR I-70	171+54.30	7.0 RT	173+99.36	7.0 RT	245			
PR I-70	174+06.06	7.0 LT	176+92.17	7.0 LT	286			
PR I-70	174+05.55	7.0 RT	176+92.17	7.0 RT	286			
PR I-70	176+98.85	7.0 LT	177+09.83	7.0 LT	11			
PR I-70	176+98.85	7.0 RT	177+11.10	7.0 RT	12			
PR I-70	176+97.17	0.0 LT	176+97.17	44.0 LT	44			
PR I-70	176+97.17	0.0 RT	176+97.17	45.0 RT	45			
PR I-70	177+15.58	7.0 LT	179+67.89	7.0 LT	252			
PR I-70	177+14.42	7.0 RT	179+67.84	7.0 RT	253			
PR I-70	179+74.00	7.0 LT	182+20.35	7.0 LT	246			
PR I-70	179+75.20	7.0 RT	182+20.44	7.0 RT	245			
PR I-70	182+24.00	7.0 LT	184+70.46	7.0 LT	246			
PR I-70	182+24.00	7.0 RT	184+70.07	7.0 RT	246			
PR I-70	184+74.00	7.0 LT	187+21.41	7.0 LT	247			
PR I-70	184+74.00	7.0 RT	187+20.47	7.0 RT	247			
PR I-70	187+24.00	7.0 LT	189+69.32	7.0 LT	245			
PR I-70	187+24.00	7.0 RT	188+10.00	7.0 RT	161			
PR I-70	188+10.00	7.0 LT	189+71.14	7.0 LT	81			
PR I-70	189+74.00	7.0 LT	191+99.00	7.0 LT	225			
PR I-70	189+74.00	7.0 RT	191+99.00	7.0 RT	225			
PR I-70	140+97.23	32.0 RT	146+00.00	44.0 RT	493			
PR I-70	146+02.35	44.0 RT	151+00.00	44.0 RT	491			
PR I-70	151+03.54	44.0 RT	153+68.40	44.0 RT	265			
PR I-70	153+74.47	44.0 RT	158+46.28	44.0 RT	472			
PR I-70	158+50.00	44.0 RT	161+49.41	44.0 RT	300			
PR I-70	161+51.87	44.0 RT	166+43.87	44.0 RT	492			
PR I-70	166+50.13	44.0 RT	168+98.16	44.0 RT	248			
PR I-70	169+03.30	44.0 RT	171+48.88	44.0 RT	246			
PR I-70	171+58.30	44.0 RT	172+73.86	44.0 RT	116			
PR I-70	172+78.63	44.0 RT	174+00.00	44.0 RT	119			
PR I-70	174+08.43	44.0 RT	175+23.88	44.0 RT	115			
PR I-70	175+28.74	44.0 RT	176+23.32	44.0 RT	95			
PR I-70	176+32.79	44.0 RT	176+78.88	44.0 RT	46			
PR I-70	176+81.15	44.0 RT	176+90.31	44.5 RT	9			

CONTINUED ON THE RIGHT

CONTINUED FROM PREVIOUS TABLE					
PR I-70	176+97.17	45.0 RT	177+10.32	45.5 RT	13
PR I-70	177+16.80	44.0 RT	177+69.88	44.0 RT	53
PR I-70	177+75.32	44.0 RT	178+70.68	44.0 RT	95
PR I-70	178+75.12	44.0 RT	179+70.81	44.0 RT	96
PR I-70	179+75.12	44.0 RT	182+12.45	44.0 RT	238
PR I-70	182+21.59	44.0 RT	187+21.75	44.0 RT	504
PR I-70	187+24.00	44.0 RT	190+45.00	44.0 RT	323
PR RAMP B	58+16.00	0.0 LT	58+16.00	20.0 LT	20
PR RAMP B	58+16.00	0.0 RT	58+16.00	6.0 RT	6

PIPE UNDERDRAINS 4" (SPECIAL)						TOTAL	1,226	FOOT
LOCATION	STA.	OFF.	STA.	OFF.	SUBTOTALS			
PR I-70	150+85.00	44.0 LT	150+85.00	122.9 LT	79			
PR I-70	158+71.72	44.0 LT	158+85.85	79.4 LT	38			
PR I-70	161+50.00	44.0 LT	161+50.00	68.9 LT	25			
PR I-70	165+67.86	44.0 LT	165+72.72	133.0 LT	89			
PR I-70	173+98.82	44.0 LT	173+98.82	95.9 LT	54			
PR I-70	176+95.87	44.0 LT	176+95.87	83.4 LT	39			
PR I-70	177+18.82	44.0 LT	177+18.82	83.4 LT	39			
PR I-70	179+46.22	44.0 LT	179+46.22	85.2 LT	41			
PR I-70	183+70.72	44.0 LT	183+70.72	85.2 LT	41			
PR I-70	187+24.00	44.0 LT	187+24.00	77.0 LT	33			
PR I-70	142+50.00	7.0 LT	142+50.00	5.5 LT	1.5			
PR I-70	142+50.00	7.0 RT	142+50.00	4.5 RT	2.5			
PR I-70	145+00.00	7.0 LT	145+00.00	5.5 LT	1.5			
PR I-70	145+00.00	7.0 RT	145+00.00	4.5 RT	2.5			
PR I-70	147+50.00	7.0 LT	147+50.00	5.5 LT	1.5			
PR I-70	147+50.00	7.0 RT	147+50.00	4.5 RT	2.5			
PR I-70	150+00.00	7.0 LT	150+00.00	5.5 LT	1.5			
PR I-70	150+00.00	7.0 RT	150+00.00	4.5 RT	2.5			
PR I-70	153+64.71	7.0 RT	153+64.71	4.1 RT	3			
PR I-70	153+66.71	7.0 RT	153+66.71	4.1 RT	3			
PR I-70	153+69.41	64.0 LT	153+69.41	123.4 LT	60			
PR I-70	153+69.41	44.0 RT	153+69.41	102.0 RT	58			
PR I-70	156+50.00	7.0 RT	156+50.00	5.5 LT	1.5			
PR I-70	156+50.00	7.0 RT	156+50.00	4.5 RT	2.5			
PR I-70	159+00.00	7.0 LT	159+00.00	5.5 LT	1.5			
PR I-70	159+00.00	7.0 RT	159+00.00	4.5 RT	2.5			
PR I-70	161+50.00	7.0 LT	161+50.00	5.5 LT	1.5			
PR I-70	161+50.00	7.0 RT	161+50.00	4.5 RT	2.5			
PR I-70	164+00.00	7.0 LT	164+00.00	5.5 LT	1.5			
PR I-70	164+00.00	7.0 RT	164+00.00	4.5 RT	2.5			
PR I-70	166+50.00	7.0 LT	166+50.00	5.5 LT	1.5			
PR I-70	166+50.00	7.0 RT	166+50.00	4.5 RT	2.5			
PR I-70	171+48.50	7.0 LT	171+48.50	4.8 LT	2.1			
PR I-70	171+48.50	7.0 RT	171+48.50	4.8 RT	2.1			
PR I-70	174+00.00	7.0 LT	174+00.00	5.5 LT	1.5			
PR I-70	174+00.00	7.0 RT	174+00.00	5.4 RT	1.6			
PR I-70	176+97.17	44.0 LT	176+97.17	83.4 LT	39.4			
PR I-70	176+97.17	7.0 LT	176+97.17	5.5 LT	1.5			
PR I-70	176+97.17	7.0 RT	176+97					

\DRCDRAW-08-BORDER1.DGN, \DRCDRAW-08-BORDER2.DGN, \DRCDRAW-11-ALIGNMENT2.DGN, \DRCDRAW-11-ALIGNMENT3.DGN, \DRCDRAW-11-HOT1.DGN, \DRCDRAW-11-ALIGNMENT2.DGN, \DRCDRAW-11-HOT2.DGN, \DRCDRAW-11-ALIGNMENT3.DGN, \DRCDRAW-11-ALIGNMENT4.DGN, \DRCDRAW-11-ALIGNMENT5.DGN, \DRCDRAW-11-ALIGNMENT6.DGN, \DRCDRAW-11-ALIGNMENT7.DGN, \DRCDRAW-11-ALIGNMENT8.DGN, \DRCDRAW-11-ALIGNMENT9.DGN, \DRCDRAW-11-ALIGNMENT10.DGN

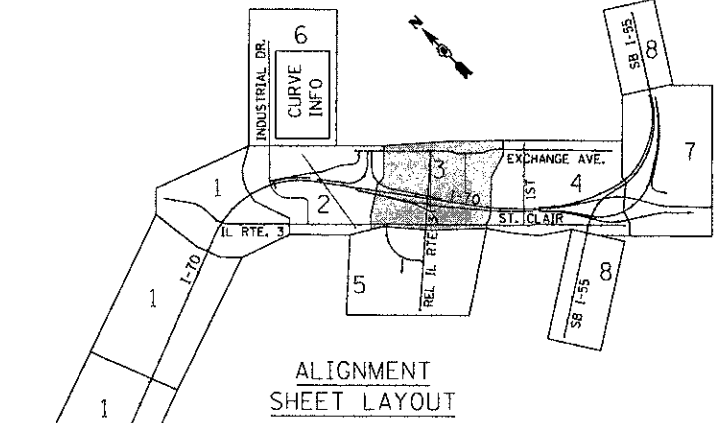
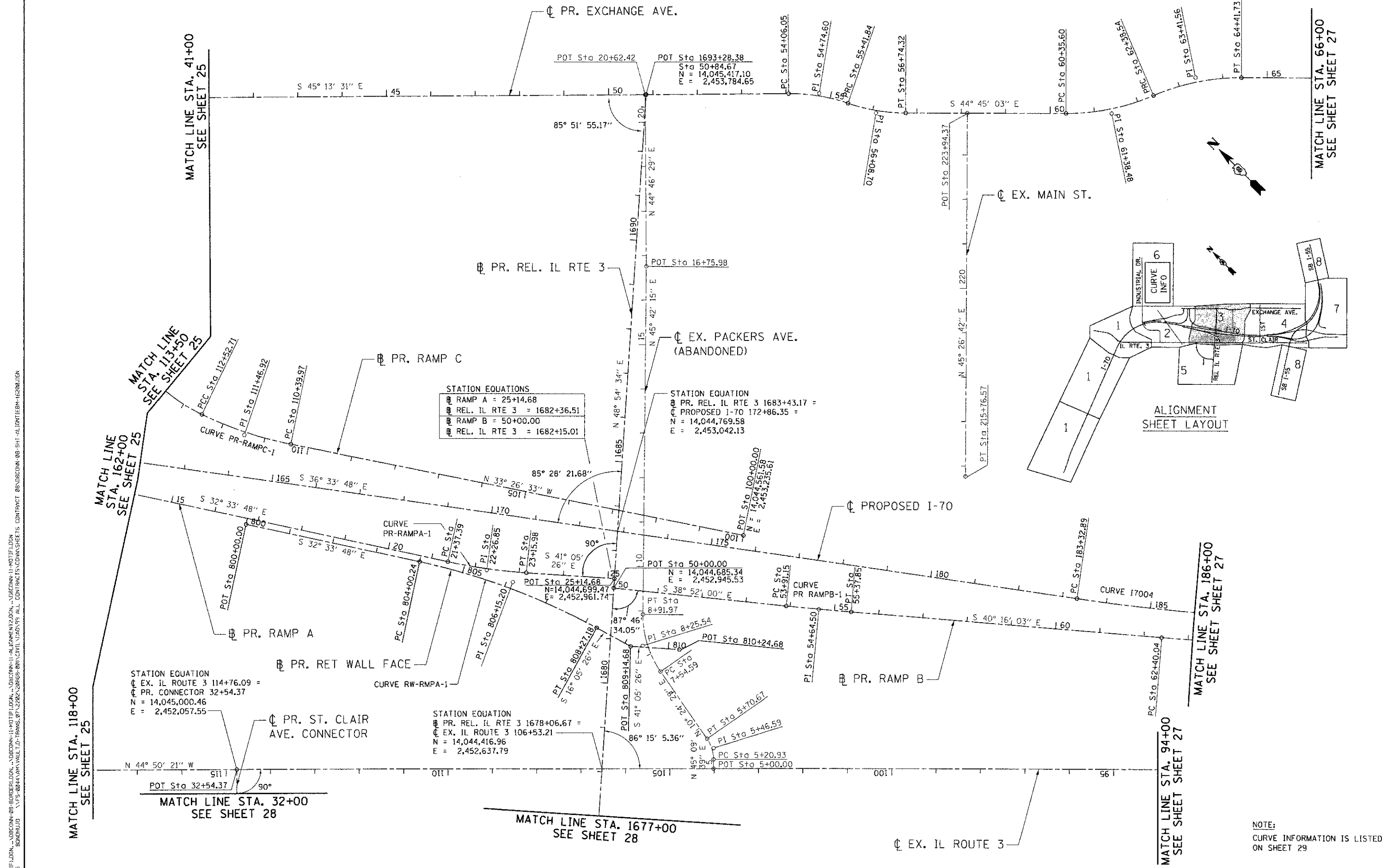


FILE NAME =		USER NAME = \$USER\$		DESIGNED - JB		REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b> 1-70 CONNECTION		<b>ALIGNMENTS, TIES &amp; BENCHMARKS 1</b>		P.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
#FILE#		PLOT SCALE = \$SCALE\$		DRAWN - JB		REVISED -						998		82-1R		ST. CLAIR		294		24	
TENG		PLOT DATE = \$DATE\$		CHECKED - ACL		REVISED -		SCALE: 1"=100' SHEET NO. 1 OF 10 SHEETS STA. TO STA.		CONTRACT NO. 76C43 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT											
TENGG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DATE - 06/29/12		REVISI		REVISED -															

NOTE:  
CURVE INFORMATION IS LISTED ON SHEET 29







MATCH LINE STA. 41+00  
SEE SHEET 25

MATCH LINE STA. 66+00  
SEE SHEET 27

MATCH LINE STA. 118+00  
SEE SHEET 25

MATCH LINE STA. 32+00  
SEE SHEET 28

MATCH LINE STA. 1677+00  
SEE SHEET 28

MATCH LINE STA. 94+00  
SEE SHEET 27

MATCH LINE STA. 186+00  
SEE SHEET 27

NOTE:  
CURVE INFORMATION IS LISTED  
ON SHEET 29

FILE NAME =  
#FILE#

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

USER NAME = #USER#	DESIGNED - JB	REVISED -
PLOT SCALE = #SCALE#	DRAWN - JB	REVISED -
PLOT DATE = #DATE#	CHECKED - ACL	REVISED -
	DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

**ALIGNMENTS, TIES & BENCHMARKS 3**

SCALE: 1"=100'  
SHEET NO. 3 OF 10 SHEETS  
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	





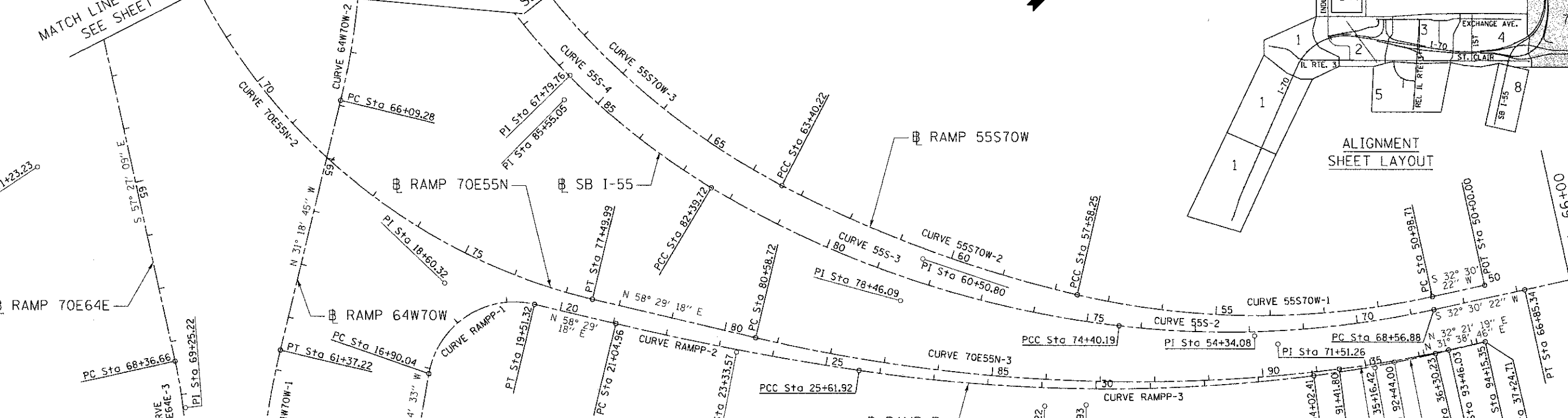
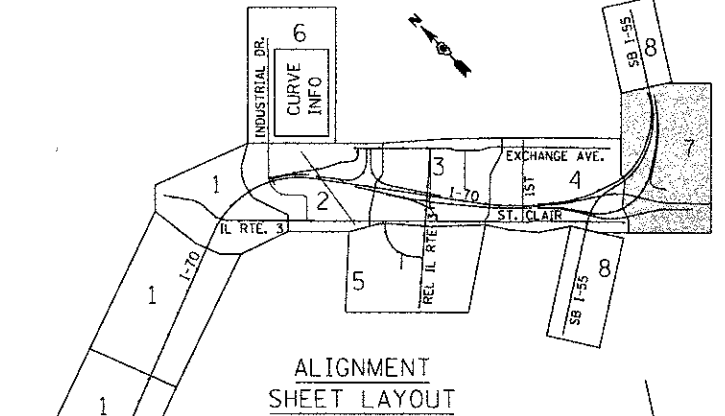


MATCH LINE STA. 68+00  
SEE SHEET 27

MATCH LINE STA. 68+00  
SEE SHEET 27

MATCH LINE  
STA. 69+00  
SEE SHEET 27

MATCH LINE STA. 66+00  
SEE SHEET 31



PROPOSED RAMP 70E55N			
PROP. CURVE 70E55N-1 PI STA. = 55+46.88 N = 14,042,573.79 E = 2,454,885.22 Δ = 10° 06' 07" (RT) D = 1° 56' 04" R = 2,962.00' T = 261.80' L = 522.24' E = 11.55' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 52+85.08 N = 14,042,761.40 E = 2,454,702.61 P.T. STA = 58+07.32 N = 14,042,357.07 E = 2,455,032.08	PROP. CURVE 70E55N-2 PI STA. = 71+23.23 N = 14,041,267.74 E = 2,455,770.30 Δ = 87° 23' 14" (LT) D = 5° 12' 31" R = 1,100.00' T = 1,050.95' L = 1,677.71' E = 421.34' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 60+72.28 N = 14,042,137.73 E = 2,455,180.73 P.T. STA = 77+49.99 N = 14,041,817.04 E = 2,456,666.27	PROP. CURVE 70E55N-3 PI STA. = 86+06.22 N = 14,042,264.57 E = 2,457,396.23 Δ = 20° 41' 07" (LT) D = 1° 54' 35" R = 3,000.00' T = 547.50' L = 1,083.08' E = 49.55' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 80+58.72 N = 14,041,978.40 E = 2,456,929.47 P.T. STA = 91+41.80 N = 14,042,697.16 E = 2,457,731.82	PROP. CURVE 70E55N-4 PI STA. = 92+44.00 N = 14,042,777.90 E = 2,457,794.46 Δ = 5° 26' 52" (LT) D = 2° 40' 03" R = 2,148.00' T = 102.19' L = 204.23' E = 2.43' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 91+41.80 N = 14,042,697.16 E = 2,457,731.82 P.T. STA = 93+46.03 N = 14,042,864.23 E = 2,457,849.15

PROPOSED RAMP 70E64E		
PROP. CURVE 70E64E-1 PI STA. = 49+22.39 N = 14,042,542.02 E = 2,454,899.40 Δ = 14° 20' 13" (RT) D = 1° 56' 04" R = 2,962.00' T = 372.53' L = 741.17' E = 23.33' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 45+49.86 N = 14,042,808.97 E = 2,454,639.56 P.T. STA = 52+91.03 N = 14,042,219.04 E = 2,455,085.04	PROP. CURVE 70E64E-2 PI STA. = 58+60.45 N = 14,041,725.36 E = 2,455,368.80 Δ = 27° 33' 46" (LT) D = 4° 32' 50" R = 1,260.00' T = 309.05' L = 606.14' E = 37.35' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 55+51.40 N = 14,041,993.31 E = 2,455,214.79 P.T. STA = 61+57.54 N = 14,041,559.09 E = 2,455,629.32	PROP. CURVE 70E64E-3 PI STA. = 69+25.22 N = 14,041,146.08 E = 2,456,276.43 Δ = 12° 02' 09" (RT) D = 6° 49' 15" R = 840.00' T = 88.55' L = 176.46' E = 4.65' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 68+36.66 N = 14,041,193.73 E = 2,456,201.78 P.T. STA = 70+13.12 N = 14,041,083.92 E = 2,456,339.50

PROPOSED RAMP P			
PROP. CURVE RAMPP-1 PI STA. = 18+60.32 N = 14,041,645.93 E = 2,456,452.23 Δ = 93° 33' 51" (RT) D = 35° 48' 36" R = 160.00' T = 170.28' L = 261.28' E = 73.65' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 16+90.04 N = 14,041,815.23 E = 2,456,550.08 P.T. STA = 19+51.32 N = 14,041,734.93 E = 2,456,597.39	PROP. CURVE RAMPP-2 PI STA. = 23+33.57 N = 14,041,934.72 E = 2,456,923.27 Δ = 4° 45' 37" (LT) D = 1° 02' 30" R = 5,500.00' T = 228.62' L = 456.97' E = 4.75' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 21+04.96 N = 14,041,815.23 E = 2,456,728.37 P.T. STA = 25+61.92 N = 14,042,069.97 E = 2,457,107.59	PROP. CURVE RAMPP-3 PI STA. = 29+84.93 N = 14,042,320.24 E = 2,457,448.62 Δ = 16° 03' 07" (LT) D = 1° 54' 35" R = 3,000.00' T = 423.01' L = 840.48' E = 29.68' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 25+61.92 N = 14,042,069.97 E = 2,457,107.59 P.T. STA = 34+02.41 N = 14,042,655.04 E = 2,457,707.17	PROP. CURVE RAMPP-4 PI STA. = 35+16.42 N = 14,042,745.29 E = 2,457,776.85 Δ = 6° 01' 47" (LT) D = 2° 38' 48" R = 2,164.81' T = 114.02' L = 227.82' E = 3.00' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 34+02.41 N = 14,042,655.04 E = 2,457,707.17 P.T. STA = 36+30.23 N = 14,042,842.35 E = 2,457,836.68

CONTRACT NO. 76C43 - SUPERVISOR: JAMES H. SMITH, PROJECT ENGINEER: JAMES H. SMITH, DESIGNER: JAMES H. SMITH, CHECKER: JAMES H. SMITH, DATE: 06/29/12, SCALE: 1"=100', SHEET NO. 7 OF 10 SHEETS, TOTAL SHEETS: 30, PROJECT LOCATION: ST. CLAIR COUNTY, ILLINOIS, FEDERAL AID PROJECT

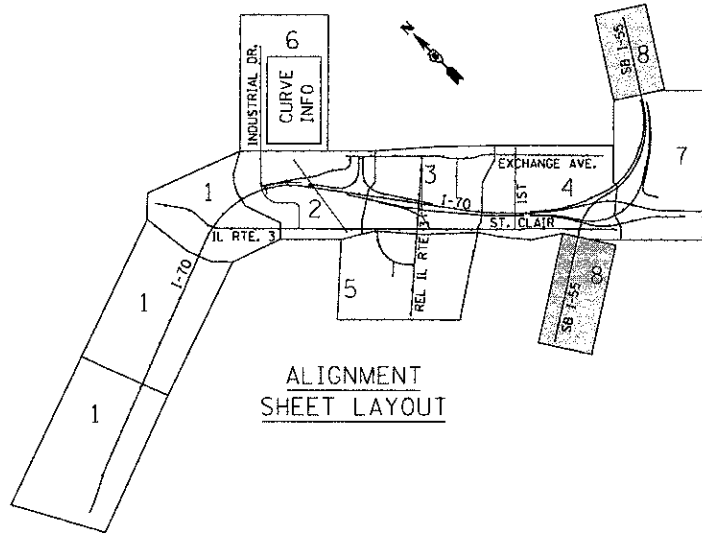
FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -
#FILE#		DRAWN - MDN	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JB	REVISED -
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**I-70 CONNECTION**

ALIGNMENTS, TIES & BENCHMARKS 7		
F.A.P. RTE. 998	SECTION 82-IR	COUNTY ST. CLAIR
SCALE: 1"=100'	SHEET NO. 7 OF 10 SHEETS	DATE TO DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-IR	ST. CLAIR	294	30
CONTRACT NO. 76C43				





ALIGNMENT SHEET LAYOUT

MATCH LINE STA. 66+00  
SEE SHEET 30

CURVE 55S-1

PI Sta. 64+62.70

PC Sta. 62+40.06

S 32° 11' 10" W

POT. Sta. 50+00.00

SB I-55

S 57° 21' 56" W

MATCH LINE STA. 101+00  
SEE SHEET 27

PROPOSED SB I-55

PROP. CURVE 55S-1	PROP. CURVE 55S-2	PROP. CURVE 55S-3	PROP. CURVE 55S-4	PROP. CURVE 55S-5	PROP. CURVE 55S-6
PI STA. = 64+62.70	PI STA. = 71+51.26	PI STA. = 78+46.09	PI STA. = 85+55.05	PI STA. = 93+80.20	PI STA. = 97+85.47
N = 14,043,230.22	N = 14,042,649.53	N = 14,042,214.59	N = 14,042,039.69	N = 14,042,231.32	N = 14,042,107.66
E = 2,457,989.28	E = 2,457,619.25	E = 2,457,070.41	E = 2,456,370.72	E = 2,455,555.85	E = 2,455,157.89
Δ = 0° 19' 12" (RT)	Δ = 19° 05' 52" (RT)	Δ = 24° 21' 42" (RT)	Δ = 27° 16' 06" (RT)	Δ = 30° 29' 46" (LT)	Δ = 15° 22' 19" (LT)
D = 0° 04' 19"	D = 3° 16' 27"	D = 3° 02' 49"	D = 4° 24' 27"	D = 6° 28' 13"	D = 4° 24' 36"
R = 79,694.32'	R = 1,750.00'	R = 1,880.42'	R = 1,300.00'	R = 885.51'	R = 1,299.24'
T = 222.64'	T = 294.38'	T = 405.90'	T = 315.32'	T = 241.39'	T = 175.34'
L = 445.28'	L = 583.31'	L = 799.54'	L = 618.70'	L = 471.32'	L = 348.58'
E = 0.31'	E = 24.59'	E = 43.31'	E = 37.70'	E = 32.31'	E = 11.78"
ε = N/A	ε = N/A	ε = N/A	ε = N/A	ε = N/A	ε = N/A
T.R. = N/A	T.R. = N/A	T.R. = N/A	T.R. = N/A	T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA = 62+40.06	P.C. STA = 68+56.88	P.C. STA = 74+40.19	P.C. STA = 82+39.72	P.C. STA = 91+38.81	P.C. STA = 96+10.13
N = 14,043,418.65	N = 14,042,897.80	N = 14,042,466.69	N = 14,042,116.16	N = 14,042,176.06	N = 14,042,159.69
E = 2,458,107.87	E = 2,457,777.45	E = 2,457,388.53	E = 2,456,676.63	E = 2,455,790.82	E = 2,455,325.33
P.T. STA = 66+85.34	P.T. STA = 74+40.19	P.T. STA = 82+39.72	P.T. STA = 88+58.42	P.T. STA = 96+10.13	P.T. STA = 99+58.71
N = 14,043,042.46	N = 14,042,466.69	N = 14,042,116.16	N = 14,042,111.87	N = 14,042,159.69	N = 14,042,013.10
E = 2,457,869.64	E = 2,457,388.53	E = 2,456,676.63	E = 2,456,063.77	E = 2,455,325.33	E = 2,455,010.23

D:\DCD\08-08\BORDER\LDN...\_D\DCD\08-11-ALD\ALIGNMENT\2.DGN...\_D\DCD\08-11-ALD\ALIGNMENT\2.DGN...\_D\DCD\08-11-ALD\ALIGNMENT\2.DGN...  
 6-27-2012, 9:38:34  
 BONDPLD...\_V\F-8664\WORK\PLD\TRANS\37\2282\2282B66-80\CIVIL\ACAD\99-ALL CONTRACTS\CONNS\SHEETS-CONTRACT\68\DCD\08-08-SIT-AL\ORTIEBK-5080.DGN

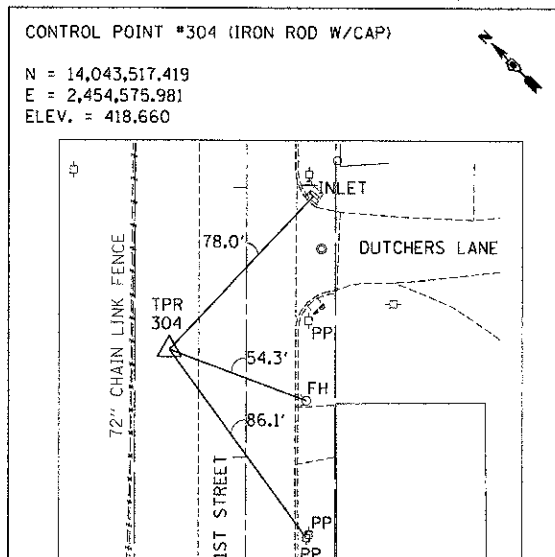
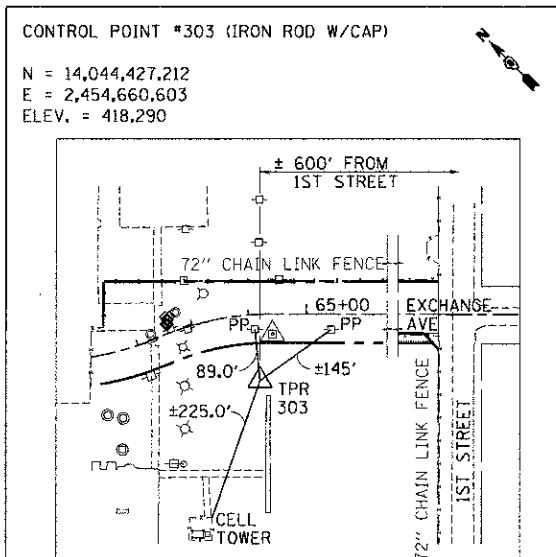
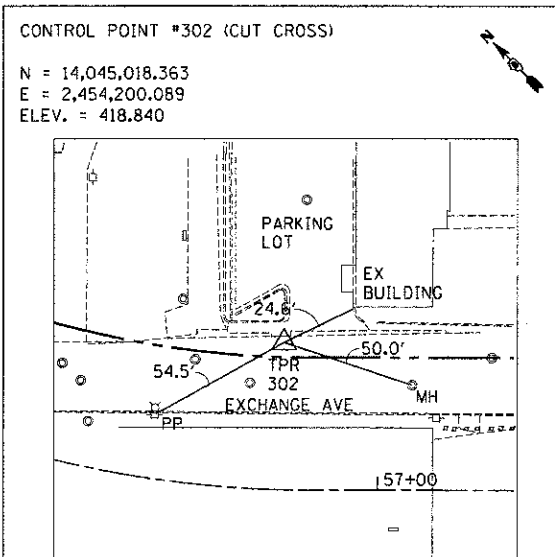
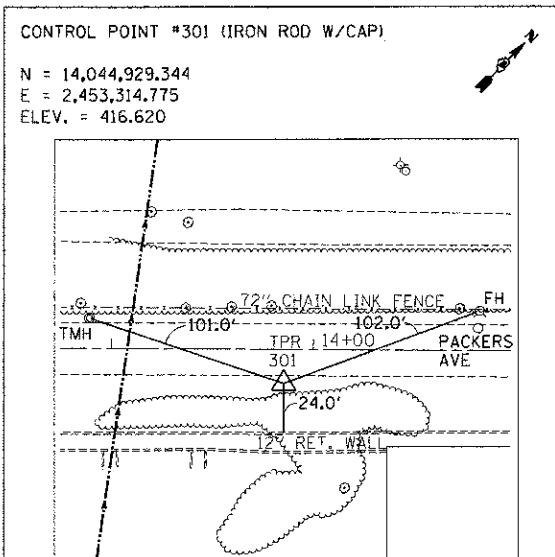
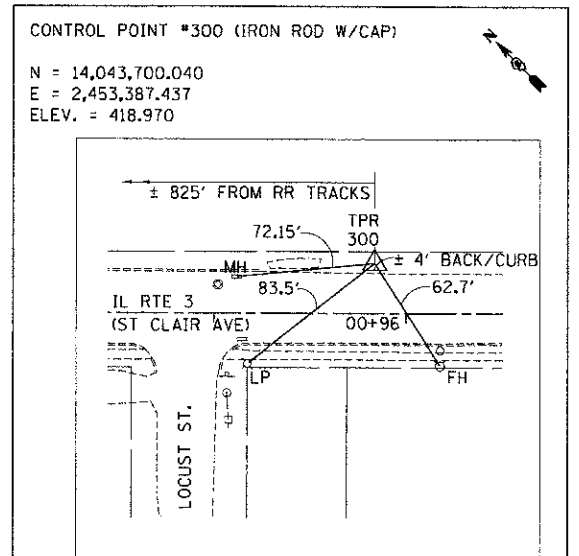
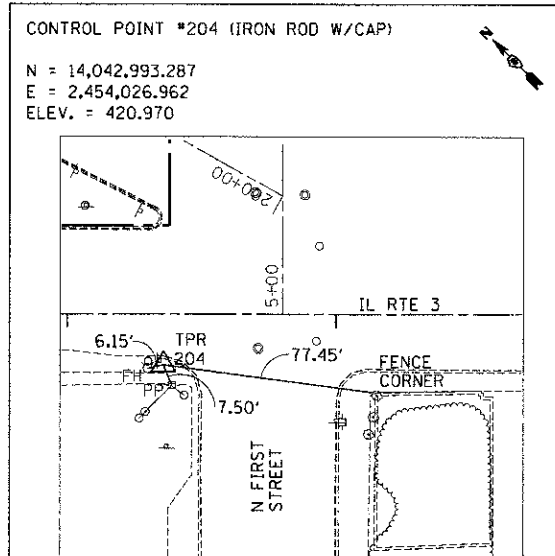
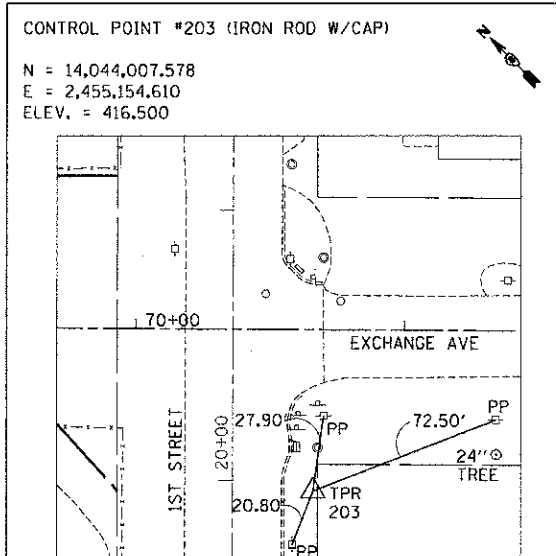
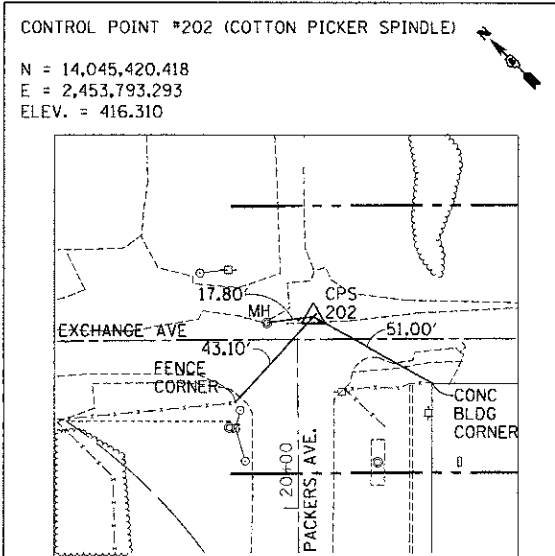
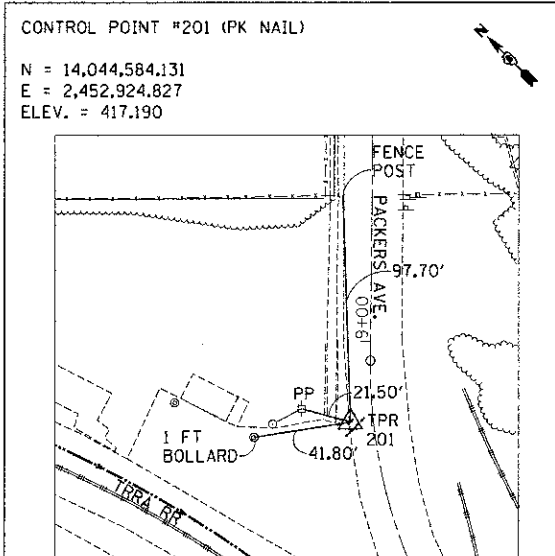
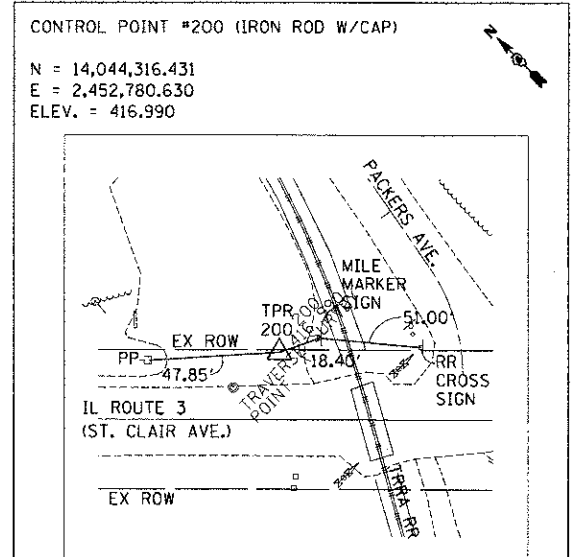
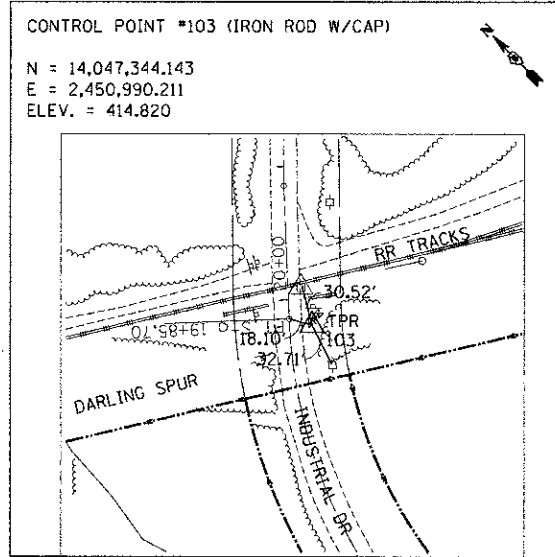
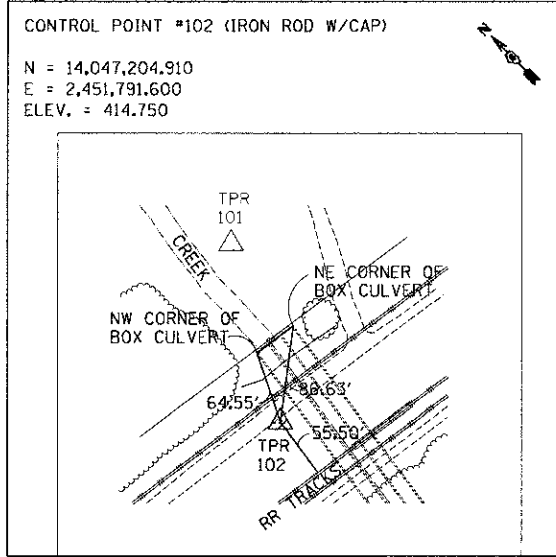
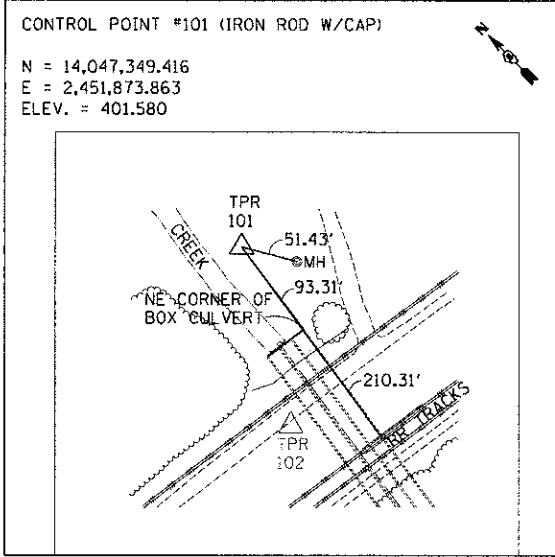
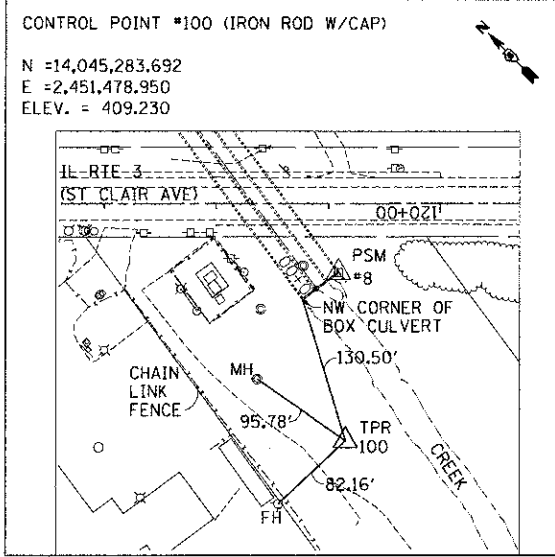
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS ARCHITECTS PLANNERS  
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -
#FILE#		DRAWN - MDN	REVISED -
PLOT SCALE = #SCALE#		CHECKED - JB	REVISED -
PLOT DATE = #DATE#		DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**ALIGNMENTS, TIES & BENCHMARKS 8**  
 SCALE: 1"=100'  
 SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	31
CONTRACT NO. 76C43			ILLINOIS FED. AID PROJECT	



\SRC\CH-99-MOTIF1.DGN; \SRC\CH-99-BORDER.DGN; \SRC\CH-99-40UTL.DGN; \SRC\CH-99-41JENWY12.DGN; \SRC\CH-99-42JENWY13.DGN; \SRC\CH-99-43JENWY14.DGN; \SRC\CH-99-44JENWY15.DGN; \SRC\CH-99-45JENWY16.DGN; \SRC\CH-99-46JENWY17.DGN; \SRC\CH-99-47JENWY18.DGN; \SRC\CH-99-48JENWY19.DGN; \SRC\CH-99-49JENWY20.DGN; \SRC\CH-99-50JENWY21.DGN; \SRC\CH-99-51JENWY22.DGN; \SRC\CH-99-52JENWY23.DGN; \SRC\CH-99-53JENWY24.DGN; \SRC\CH-99-54JENWY25.DGN; \SRC\CH-99-55JENWY26.DGN; \SRC\CH-99-56JENWY27.DGN; \SRC\CH-99-57JENWY28.DGN; \SRC\CH-99-58JENWY29.DGN; \SRC\CH-99-59JENWY30.DGN; \SRC\CH-99-60JENWY31.DGN; \SRC\CH-99-61JENWY32.DGN; \SRC\CH-99-62JENWY33.DGN; \SRC\CH-99-63JENWY34.DGN; \SRC\CH-99-64JENWY35.DGN; \SRC\CH-99-65JENWY36.DGN; \SRC\CH-99-66JENWY37.DGN; \SRC\CH-99-67JENWY38.DGN; \SRC\CH-99-68JENWY39.DGN; \SRC\CH-99-69JENWY40.DGN; \SRC\CH-99-70JENWY41.DGN; \SRC\CH-99-71JENWY42.DGN; \SRC\CH-99-72JENWY43.DGN; \SRC\CH-99-73JENWY44.DGN; \SRC\CH-99-74JENWY45.DGN; \SRC\CH-99-75JENWY46.DGN; \SRC\CH-99-76JENWY47.DGN; \SRC\CH-99-77JENWY48.DGN; \SRC\CH-99-78JENWY49.DGN; \SRC\CH-99-79JENWY50.DGN; \SRC\CH-99-80JENWY51.DGN; \SRC\CH-99-81JENWY52.DGN; \SRC\CH-99-82JENWY53.DGN; \SRC\CH-99-83JENWY54.DGN; \SRC\CH-99-84JENWY55.DGN; \SRC\CH-99-85JENWY56.DGN; \SRC\CH-99-86JENWY57.DGN; \SRC\CH-99-87JENWY58.DGN; \SRC\CH-99-88JENWY59.DGN; \SRC\CH-99-89JENWY60.DGN; \SRC\CH-99-90JENWY61.DGN; \SRC\CH-99-91JENWY62.DGN; \SRC\CH-99-92JENWY63.DGN; \SRC\CH-99-93JENWY64.DGN; \SRC\CH-99-94JENWY65.DGN; \SRC\CH-99-95JENWY66.DGN; \SRC\CH-99-96JENWY67.DGN; \SRC\CH-99-97JENWY68.DGN; \SRC\CH-99-98JENWY69.DGN; \SRC\CH-99-99JENWY70.DGN

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -
#FILE#		DRAWN - JB	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - ACL	REVISED - #SCALE#
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -

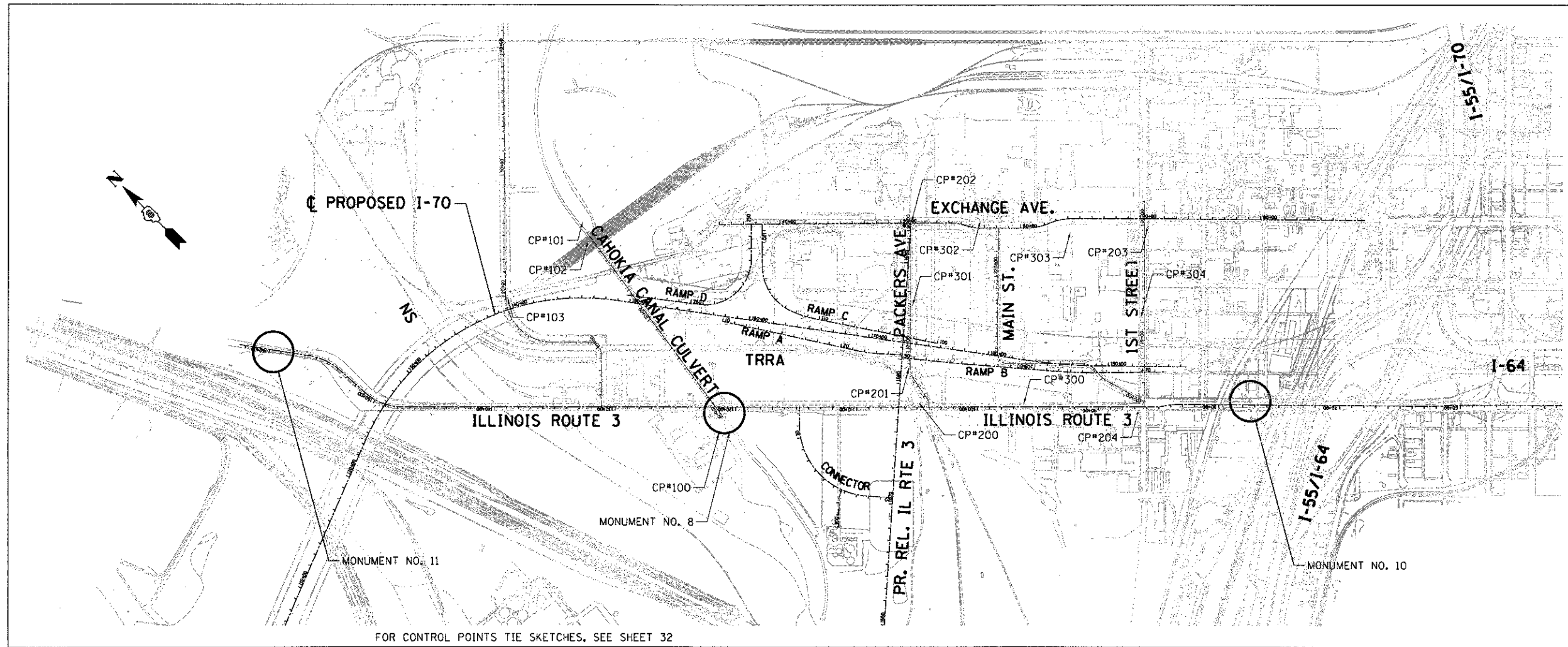
<b>STATE OF ILLINOIS</b>			
<b>DEPARTMENT OF TRANSPORTATION</b>			
I-70 CONNECTION			

ALIGNMENTS, TIES & BENCHMARKS 9	
SCALE: N.T.S.	SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	32

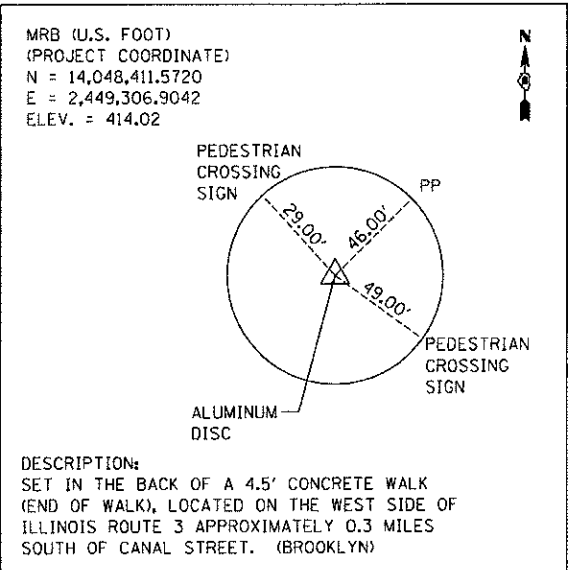
CONTRACT NO. 76C43			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



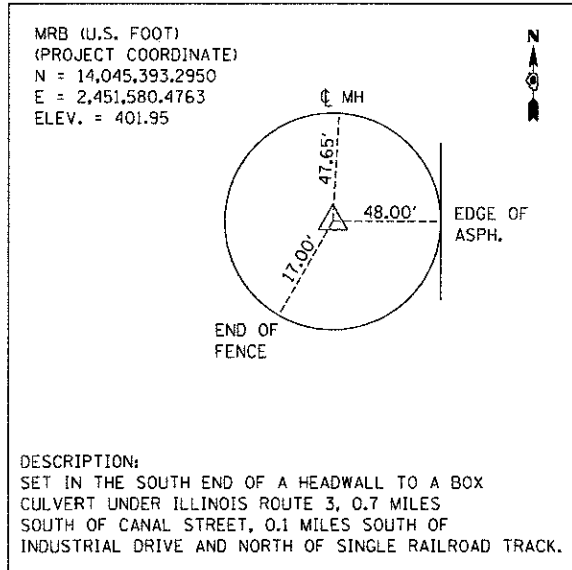


FOR CONTROL POINTS TIE SKETCHES, SEE SHEET 32

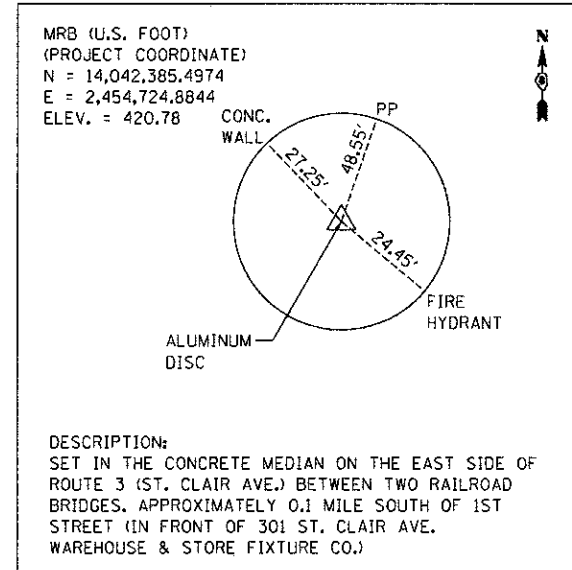
**MONUMENT NO. 11**



**MONUMENT NO. 8**



**MONUMENT NO. 10**



**COORDINATE SYSTEM**

THE MISSISSIPPI RIVER BRIDGE (MRB) PROJECT COORDINATE SYSTEM IS BASED ON A MODIFIED UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM. THE MRB PROJECT COORDINATE SYSTEM HAS CONVERTED FROM UTM ZONE 15 NORTH BY AN AVERAGE PROJECTION FACTOR AND ALSO CONVERTED FROM METERS TO U.S. SURVEY FEET.

**HORIZONTAL DATUM**

THE DATUM USED IS NAD-83  
THE MRB PROJECT COORDINATES HAVE BEEN TRANSFORMED FROM UTM BY USING AN AVERAGE PROJECTION FACTOR IN THE PROJECT AREA.

AVERAGE GRID FACTOR = 1.000339495  
PROJECTION FACTOR = 1/GRID = 0.999660620

THE BASE POINT THAT ALL UTM COORDINATES WERE SCALED FROM WAS THE CENTRALLY LOCATED MONUMENT NO. 10. EACH VECTOR FROM MONUMENT NO. 10 TO ALL OTHER MONUMENTS WAS MULTIPLIED BY THE PROJECTION FACTOR TO CALCULATE A SURFACE VECTOR AND THEN THIS SURFACE VECTOR WAS USED TO CALCULATE THE SURFACE COORDINATE (MRB). (NOTE: 1 METER EQUALS 3.28083333 U.S. SURVEY FOOT).

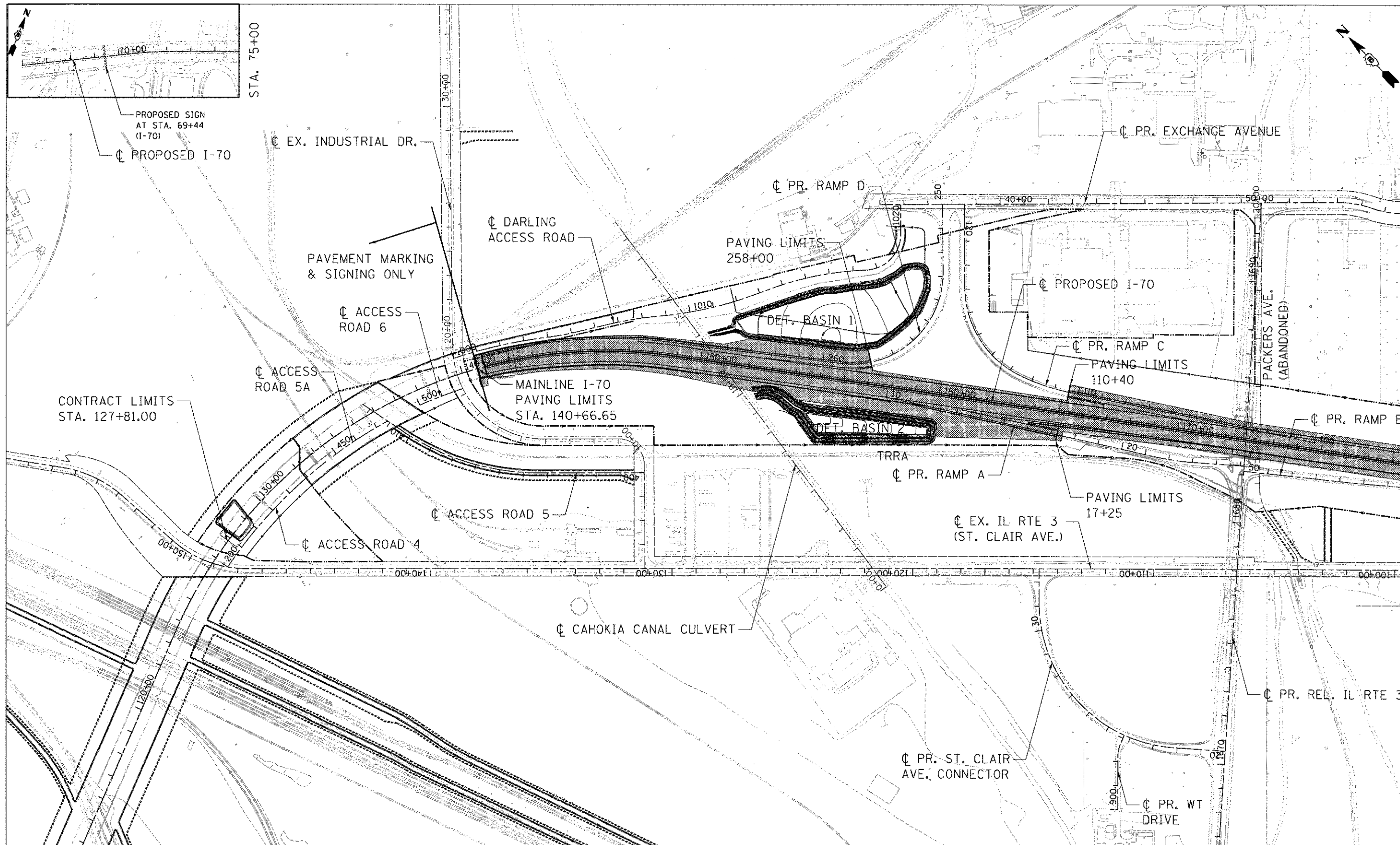
UTM ZONE 15 NORTH (METERS) = PROJECTED GRID COORDINATES  
MRB (FEET) = PROJECT SURFACE COORDINATES

**VERTICAL DATUM**

THE DATUM USED IS NAVD 1988

FILE NAME = USER NAME = #USER# DESIGNED - JB REVISED -  
 \$FILEL\$ DRAWN - JB REVISED -  
 PLOT SCALE = #SCALE# CHECKED - ACL REVISED -  
 PLOT DATE = #DATE# DATE - 06/29/12 REVISED -

<b>TENG</b> TENG & ASSOCIATES, INC. ENGINEERS ARCHITECTS PLANNERS CHICAGO, ILLINOIS	STATE OF ILLINOIS	<b>ALIGNMENTS, TIES &amp; BENCHMARKS 10</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DEPARTMENT OF TRANSPORTATION		998	82-1R	ST. CLAIR	294	33
	I-70 CONNECTION		SCALE: 1"=500'		SHEET NO. 10 OF 10 SHEETS	STA. TO STA.	CONTRACT NO. 76C43
			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE SEE SHEET 35

**CONTRACT LIMITS & WORK AREA**

FILE NAME = \\F5-084\K\A\I\T.D. TRANS. 07\2202\2088\001\CVL\20AD\Y19 ALL CONTRACT'S CONNECTIONS SHEETS CONTRACT 08\08000\08-SIT-AL\GITTEB\08.DGN  
 USER NAME = #USER#  
 DESIGNED - JB  
 DRAWN - JB  
 CHECKED - ACL  
 DATE - 06/29/12  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 I-70 CONNECTION  
 CONSTRUCTION LIMITS 1  
 SCALE: 1"=200'  
 SHEET NO. 1 OF 2 SHEETS  
 STA. TO STA.  
 F.A.P. RTE. 998  
 SECTION 82-1R  
 COUNTY ST. CLAIR  
 TOTAL SHEETS 294  
 SHEET NO. 34  
 CONTRACT NO. 76C43  
 ILLINOIS FED. AID PROJECT

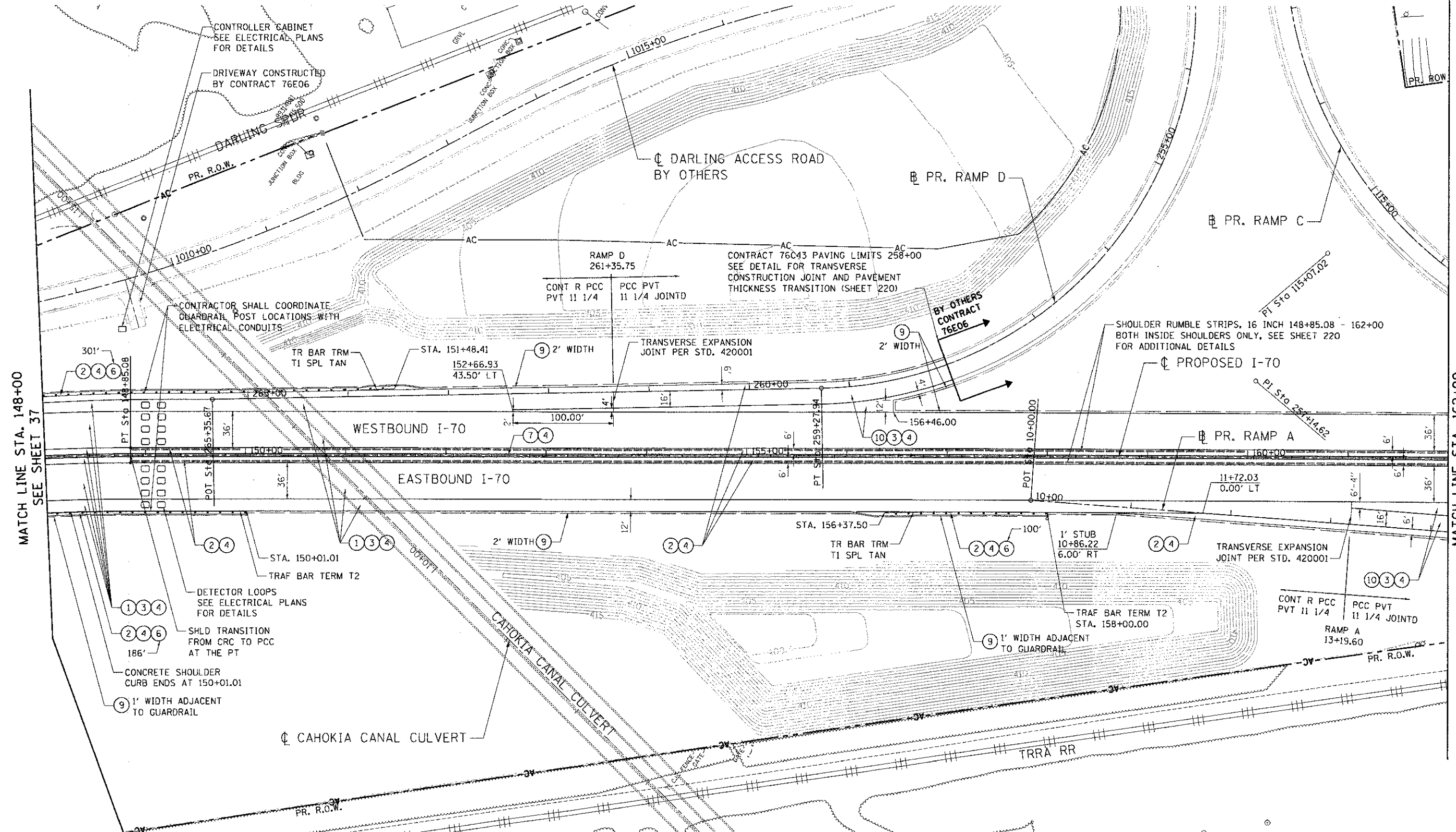
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	USER NAME = #USER# FILE NAME = #FILE#	DESIGNED - JB DRAWN - JB CHECKED - ACL DATE - 06/29/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION				<b>CONSTRUCTION LIMITS 1</b>				F.A.P. RTE. 998 SECTION 82-1R COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 34 CONTRACT NO. 76C43 ILLINOIS FED. AID PROJECT
	PLOT SCALE = #SCALE# PLOT DATE = #DATE#	DATE - 06/29/12	SCALE: 1"=200' SHEET NO. 1 OF 2 SHEETS STA. TO STA.									







SUBCONTRACT NO. 148+00 TO 162+00, I-70 CONNECTION, ST. CLAIR COUNTY, ILLINOIS, CONTRACT NO. 76C43, SHEET NO. 3 OF 6, DRAWN BY J.B. JENSEN, CHECKED BY A.C. LEE, DATE 06/29/12, SCALE 1"=50', PROJECT NO. 998, SECTION 82-1R, COUNTY ST. CLAIR, TOTAL SHEETS 294, SHEET NO. 38, CONTRACT NO. 76C43, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, CHICAGO, ILLINOIS



LEGEND	
① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"	⑥ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
② PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"	⑦ CONC BAR 2F 42HT & CONC BARRIER BASE
③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
④ AGGREGATE SUBGRADE IMPROVEMENT 12"	⑨ AGGREGATE SHOULDERS, TYPE B 6"
⑤ ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)	⑩ PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED I-70**  
**ROADWAY PLAN**  
**STA. 148+00 TO STA. 162+00**  
 SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. TO STA.

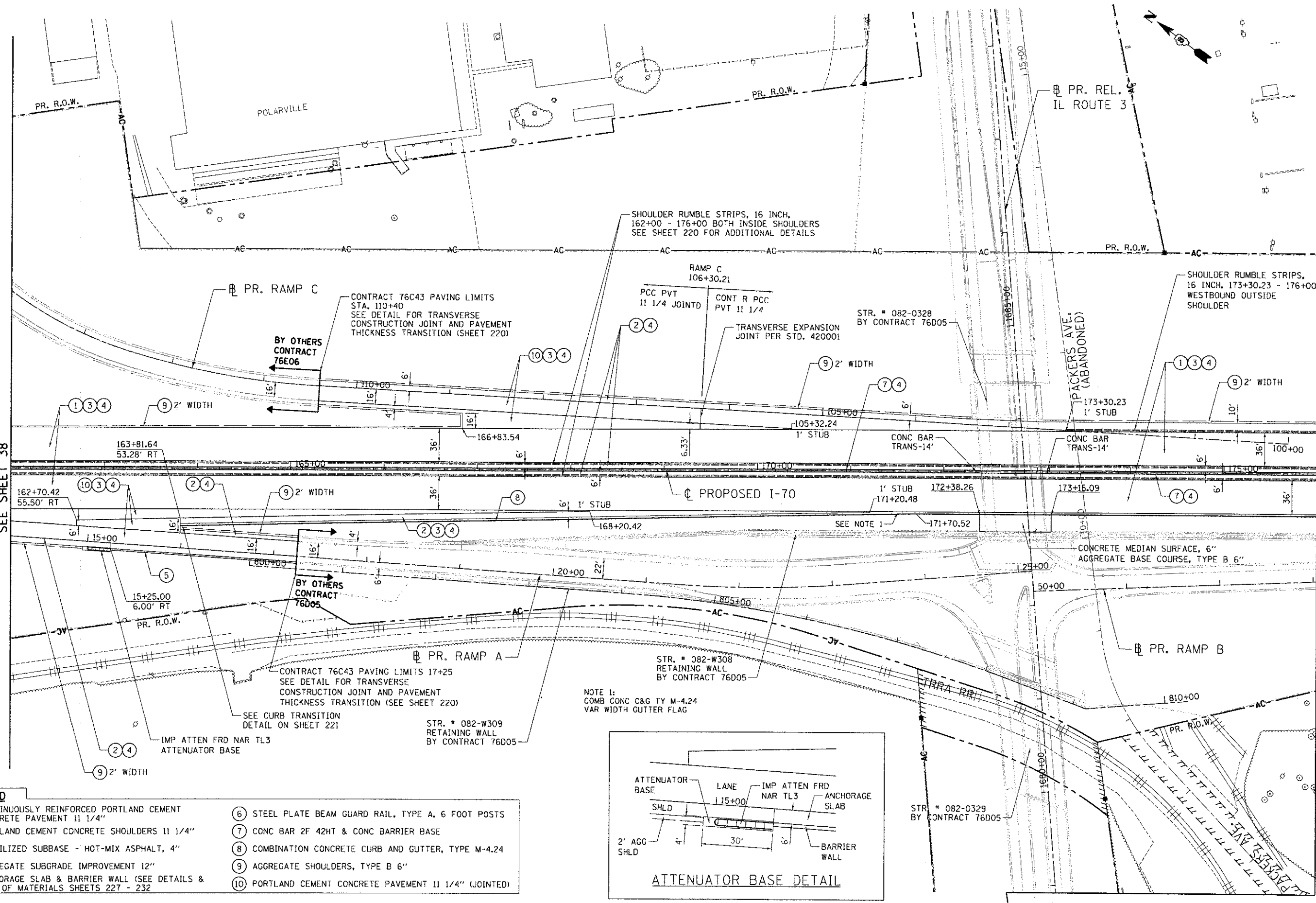
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	38
CONTRACT NO. 76C43			ILLINOIS FED. AID PROJECT	

FILE NAME =  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#  
**TENG** & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

DESIGNED - JB	REVISED -
DRAWN - JB	REVISED -
CHECKED - ACL	REVISED -
DATE - 06/29/12	REVISED -

MATCH LINE STA. 148+00  
 SEE SHEET 37

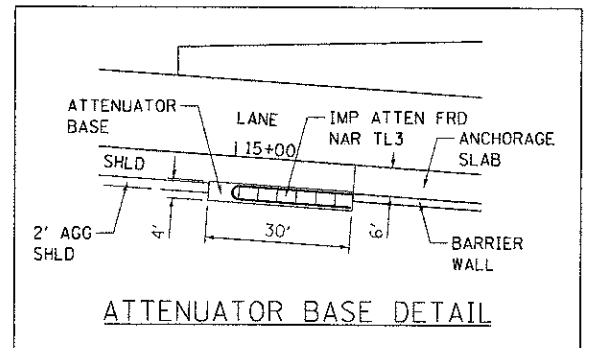
MATCH LINE STA. 162+00  
 SEE SHEET 39

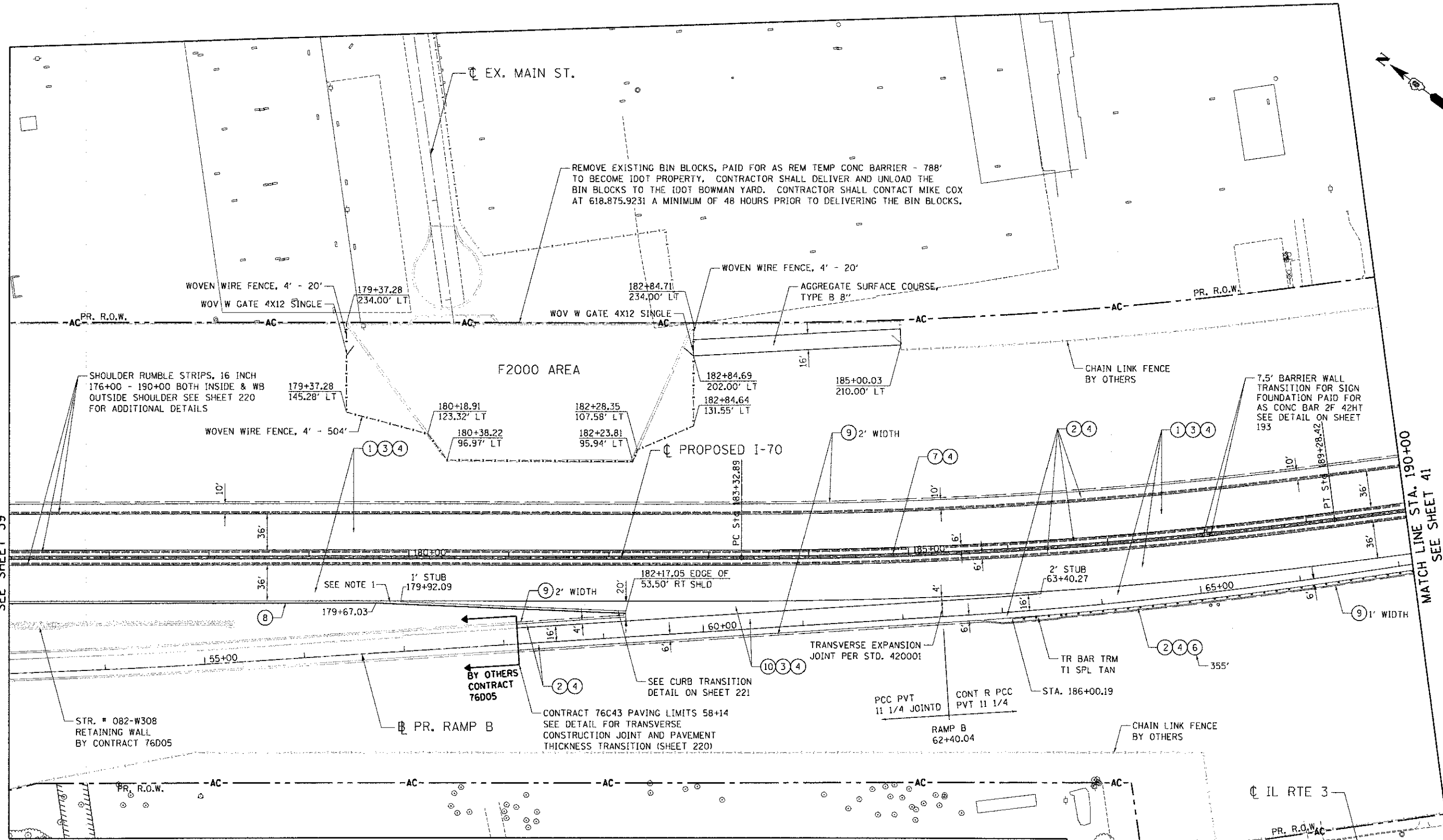


MATCH LINE STA. 162+00  
SEE SHEET 38

MATCH LINE STA. 176+00  
SEE SHEET 40

- LEGEND**
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
  - 2 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
  - 3 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
  - 5 ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)
  - 6 STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
  - 7 CONC BAR 2F 42HT & CONC BARRIER BASE
  - 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
  - 9 AGGREGATE SHOULDERS, TYPE B 6"
  - 10 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)





REMOVE EXISTING BIN BLOCKS, PAID FOR AS REM TEMP CONC BARRIER - 788' TO BECOME IDOT PROPERTY, CONTRACTOR SHALL DELIVER AND UNLOAD THE BIN BLOCKS TO THE IDOT BOWMAN YARD. CONTRACTOR SHALL CONTACT MIKE COX AT 618.875.9231 A MINIMUM OF 48 HOURS PRIOR TO DELIVERING THE BIN BLOCKS.

F2000 AREA

PROPOSED I-70

CONTRACT 76C43 PAVING LIMITS 58+14 SEE DETAIL FOR TRANSVERSE CONSTRUCTION JOINT AND PAVEMENT THICKNESS TRANSITION (SHEET 220)

MATCH LINE STA. 176+00 SEE SHEET 39

MATCH LINE STA. 190+00 SEE SHEET 41

LEGEND	
① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"	⑥ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
② PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"	⑦ CONC BAR 2F 42HT & CONC BARRIER BASE
③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
④ AGGREGATE SUBGRADE IMPROVEMENT 12"	⑨ AGGREGATE SHOULDERS, TYPE B 6"
⑤ ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232)	⑩ PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)

NOTE 1:  
COMB CONC C&G TY M-4.24  
VAR WIDTH GUTTER FLAG

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -
#FILE#		DRAWN - JB	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - ACL	REVISED -
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

I-70 CONNECTION

<b>PROPOSED I-70 ROADWAY PLAN</b>	
STA. 176+00 TO STA. 190+00	
SCALE: 1"=50'	SHEET NO. 5 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	40
CONTRACT NO. 76C43				

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

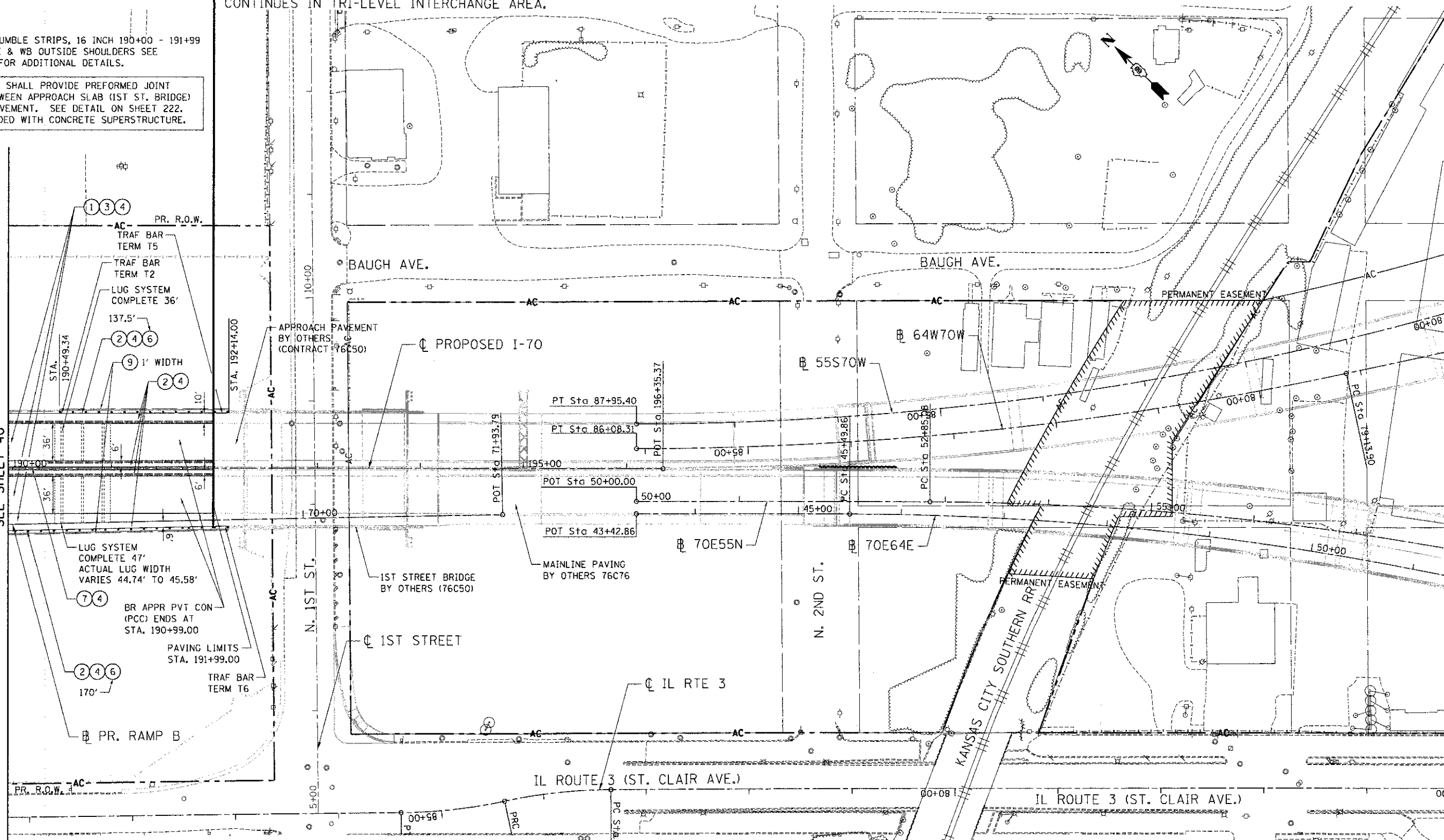


CONTRACT 76C43 PAVING LIMITS  
END AT STA 191+99.00

PAVING BY OTHERS (CONTRACT 76C50)  
PROPOSED SIGNING AND PAVEMENT MARKING  
CONTINUES IN TRI-LEVEL INTERCHANGE AREA.

- NOTES:
- SHOULDER RUMBLE STRIPS, 16 INCH 190+00 - 191+99 BOTH INSIDE & WB OUTSIDE SHOULDERS SEE SHEET 220 FOR ADDITIONAL DETAILS.
  - CONTRACTOR SHALL PROVIDE PREFORMED JOINT SEALER BETWEEN APPROACH SLAB (1ST ST. BRIDGE) AND CRC PAVEMENT. SEE DETAIL ON SHEET 222. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

MATCH LINE STA. 190+00  
SEE SHEET 40



- LEGEND**
- |  |   |
|--|---|
| ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"                | ⑥ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS   |
| ② PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"                                       | ⑦ CONC BAR 2F 42HT & CONC BARRIER BASE                |
| ③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"   | ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24   |
| ④ AGGREGATE SUBGRADE IMPROVEMENT 12"   | ⑨ AGGREGATE SHOULDERS, TYPE B 6"                      |
| ⑤ ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS & BILL OF MATERIALS SHEETS 227 - 232) | ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED) |

\S:\CONTRACTS\76C43\DRAWING\76C43-IR-01.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-02.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-03.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-04.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-05.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-06.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-07.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-08.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-09.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-10.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-11.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-12.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-13.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-14.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-15.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-16.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-17.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-18.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-19.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-20.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-21.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-22.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-23.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-24.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-25.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-26.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-27.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-28.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-29.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-30.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-31.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-32.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-33.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-34.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-35.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-36.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-37.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-38.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-39.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-40.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-41.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-42.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-43.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-44.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-45.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-46.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-47.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-48.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-49.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-50.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-51.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-52.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-53.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-54.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-55.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-56.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-57.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-58.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-59.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-60.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-61.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-62.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-63.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-64.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-65.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-66.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-67.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-68.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-69.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-70.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-71.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-72.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-73.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-74.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-75.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-76.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-77.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-78.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-79.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-80.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-81.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-82.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-83.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-84.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-85.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-86.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-87.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-88.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-89.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-90.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-91.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-92.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-93.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-94.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-95.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-96.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-97.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-98.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-99.DWG, \S:\CONTRACTS\76C43\DRAWING\76C43-IR-100.DWG

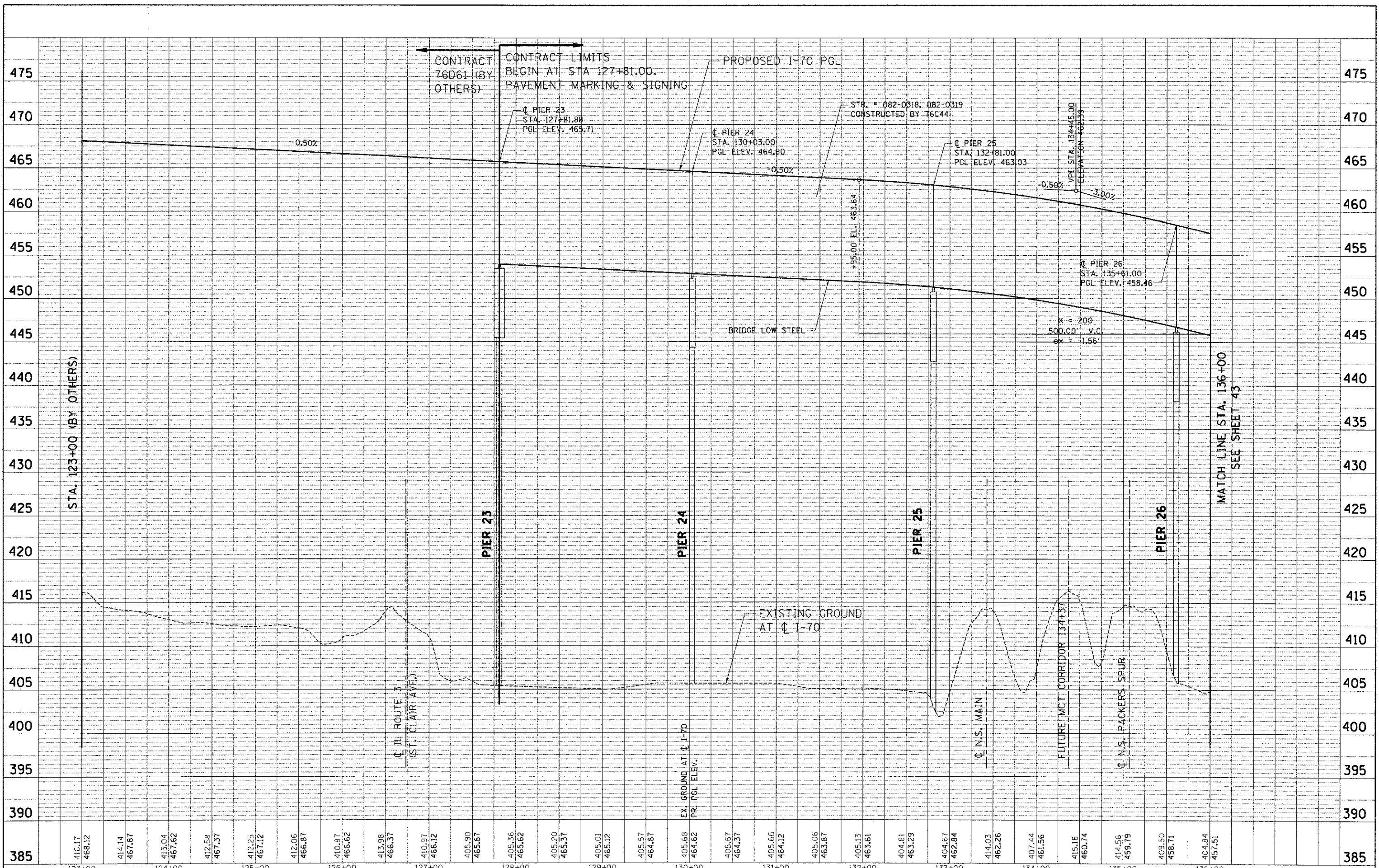
FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>ROADWAY PLAN</b> STA. 190+00 TO TRI-LEVEL	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 41		
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JB	REVISED -			SCALE: 1"=50'	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 76C43		
	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 06/29/12	REVISED -									



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	NOTE BOOK		
	NO.		

6-27-2012, 9:03:10  
 \\FS-004\AM\VAL.T.D-TRANS.07-2202-20668-001\CIVIL\CAD\99-ALL CONTRACTS\CONNS\SHETS CONTRACT 08\08CONN-00-SH-PROP1-12300.DGN



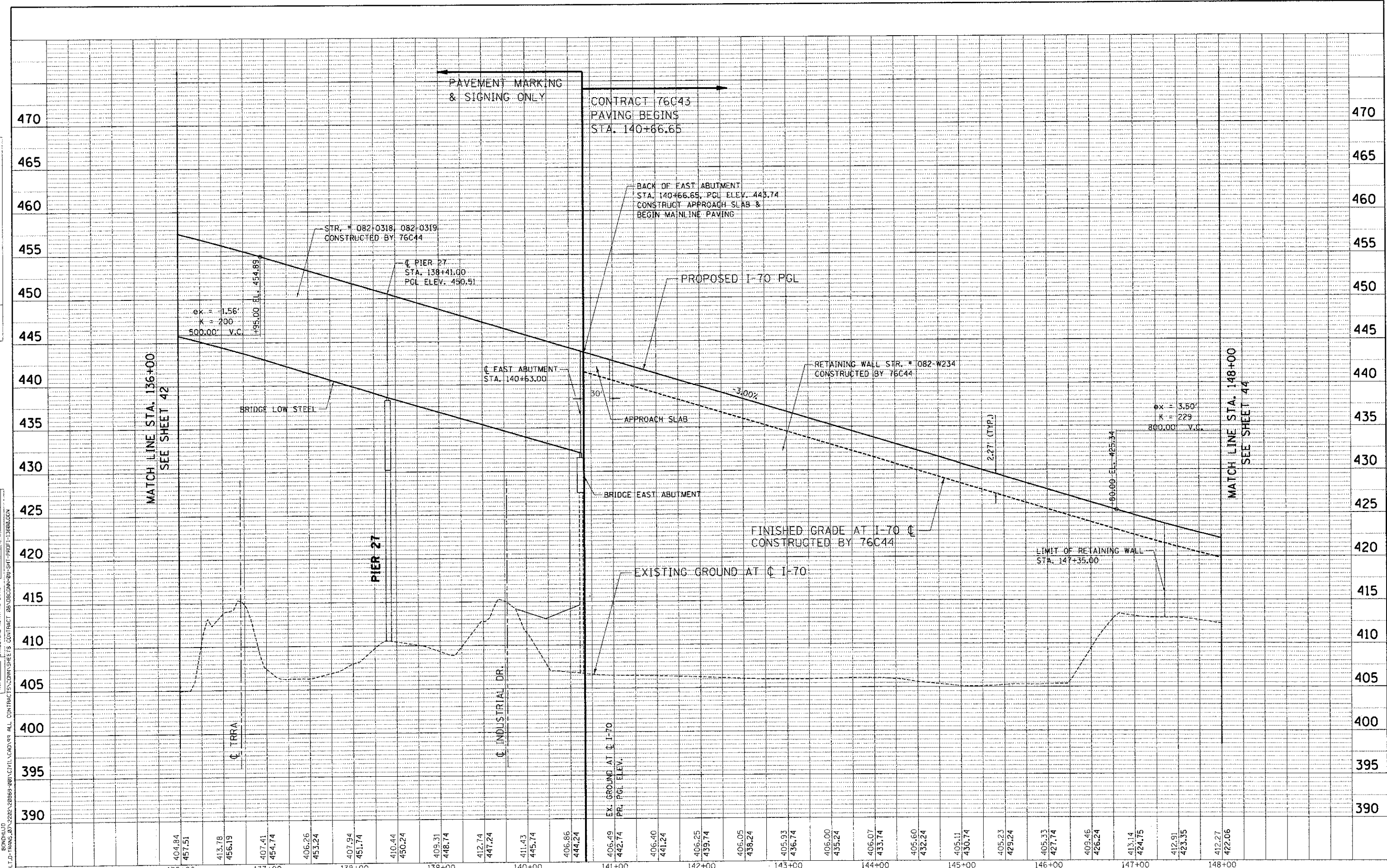
FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>ROADWAY PROFILE</b> <b>STA. 123+00 TO STA. 136+00</b>			F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 42
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JB	REVISED -		SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C43		
	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -									
		DATE - 06/29/12	REVISED -									



TENC & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
	RT. OF WAY CHECKED		
	FILE NAME		

PROFILE	PLOTTED	BY	DATE
NOTE BOOK	CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	CONTRACT		



FILE NAME =	USER NAME = \$USER\$	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>ROADWAY PROFILE</b> <b>STA. 136 + 00 TO STA. 148 + 00</b>		F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 43	
*FILEL#	PLOT SCALE = \$SCALE\$	DRAWN - JB	REVISED -		SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = \$DATE\$	CHECKED - ACL	REVISED -									
		DATE - 06/29/12	REVISED -									

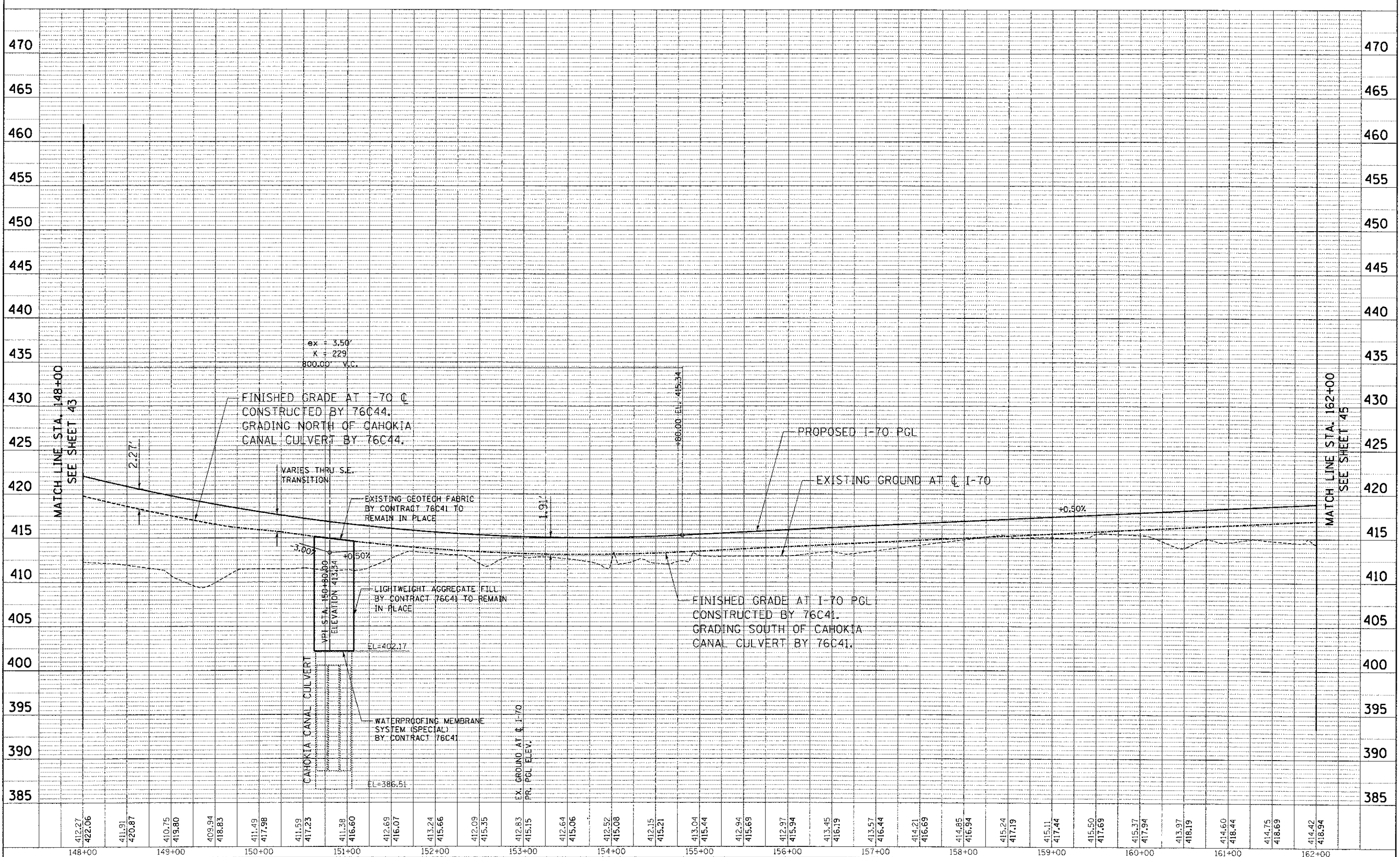


06/27/2012 09:50:52  
 D:\WORK\2012\20120629\082\I-70\136+00\99 ALL CONTRACTS\CONTRACT SHEETS\CONTRACT 082\CONTRACT SHEET 082-SHT 082-PRF 1-294.DWG

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

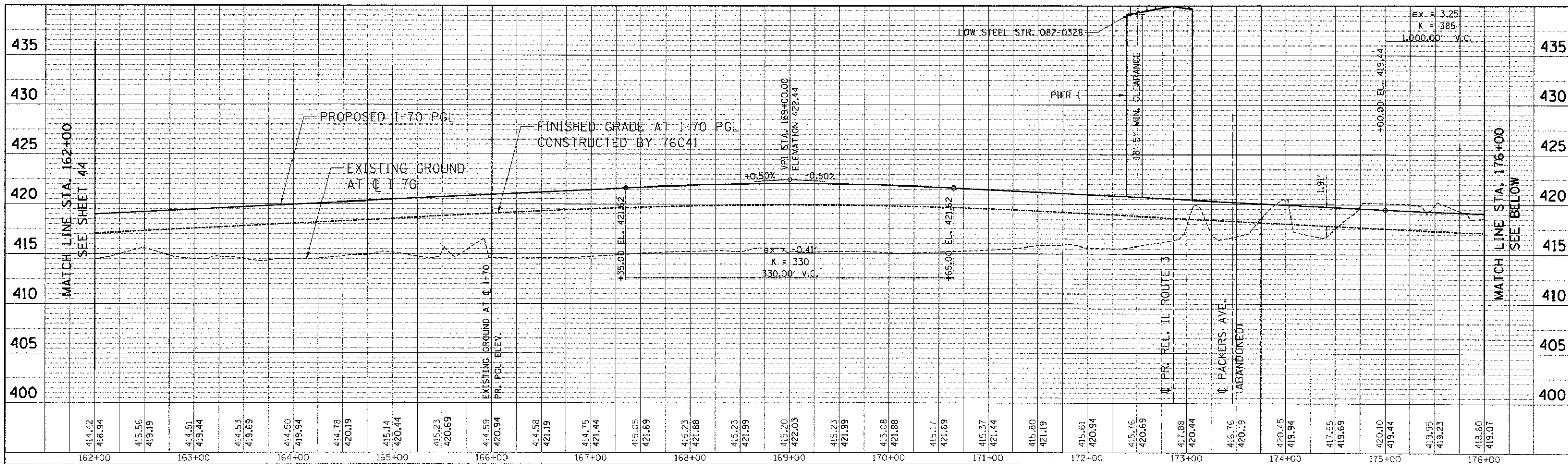
PROFILE	SURVEYED	BY	DATE
	BLK. NOTED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

6-27-2012, 9:53:34 BONDHILLI  
 \\FS-004\A\AVIVAL\J.D. FRANKS\72220-20886-001\CIVIL\ROAD\19 ALL CONTRACTS\CONTRACT 08\08CON-08-SH-PROF-14800.DGN

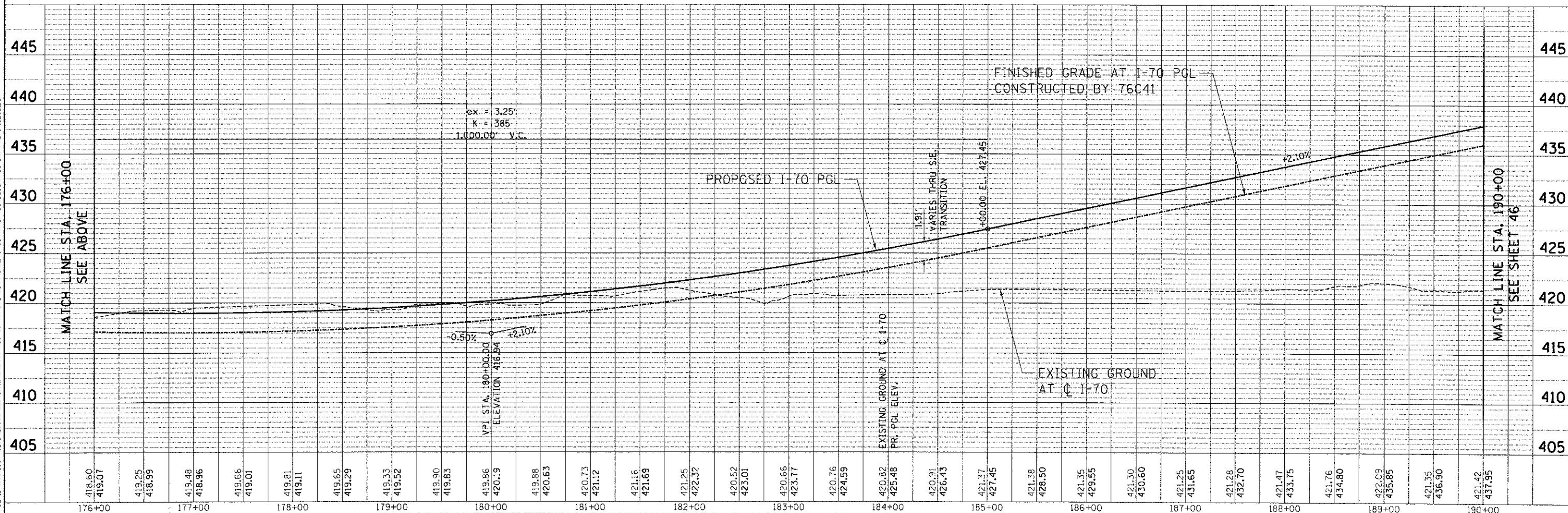


FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.	<b>PROPOSED I-70 ROADWAY PROFILE</b> STA. 148+00 TO STA. 162+00 F.A.P. RTE. 998 SECTION 82-1R COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 44 CONTRACT NO. 76C43 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - JB	REVISED -		
	PLOT DATE = #DATE#	CHECKED - ACL	REVISED -		
		DATE - 06/29/12	REVISED -		

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHKD		
	BY		
	DATE		



PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHKD		
	BY		
	DATE		



FILE NAME =	USER NAME = *USER*	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>ROADWAY PROFILE</b> STA. 162+00 TO STA. 190+00	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 45		
#FILEL#	PLOT SCALE = *SCALE*	DRAWN - JB	REVISED -			SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA.	TO STA.	CONTRACT NO. 76C43		
	PLOT DATE = *DATE*	CHECKED - ACL	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE - 06/29/12	REVISED -									

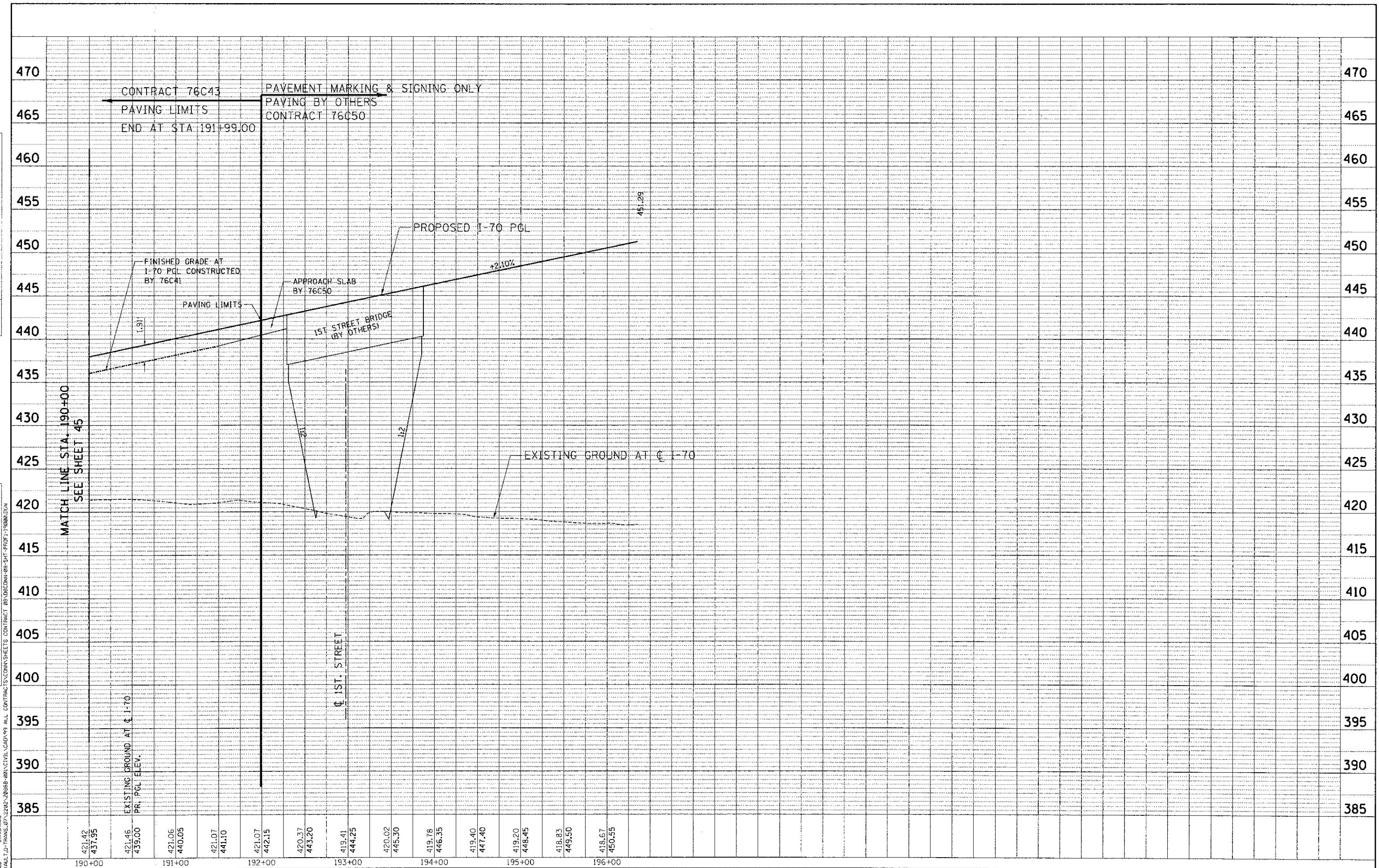


6-27-2012, 9:34:47 BONDHUIO \\FS-0044-AR\MAIL.LD:FRANS.87\2282\28868-081\CIVIL\CD\95 ALL CONTRACTS\CONTRACT SHEETS\CONTRACT 96\DISCON-28-SHT-PROP-1-16200.DGN

DATE	BY

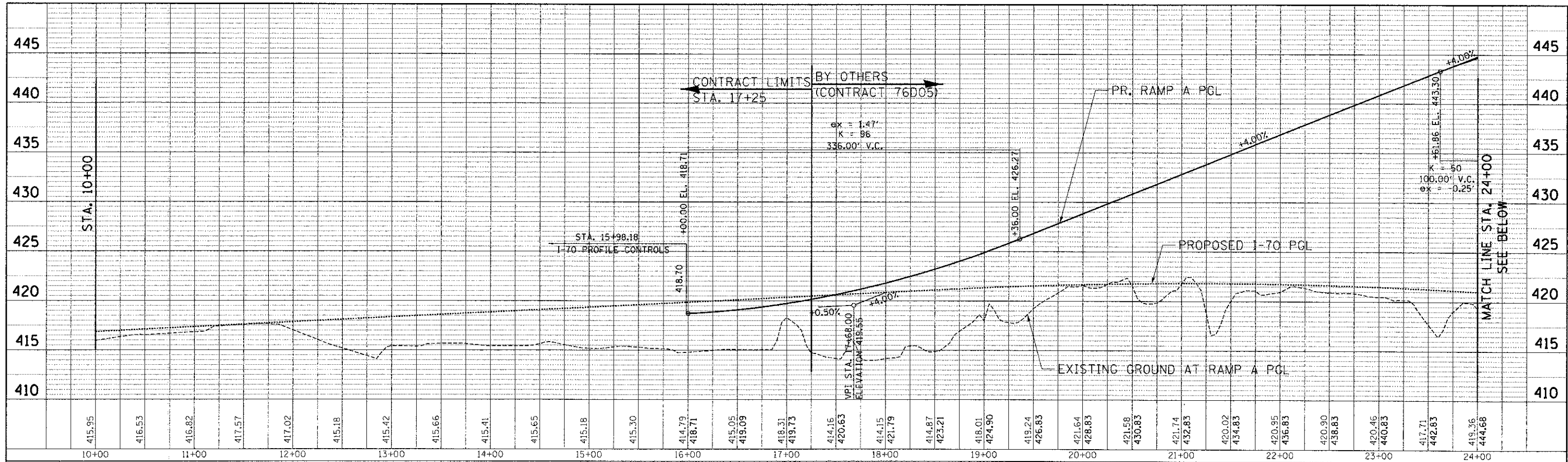
DATE	BY

SOLVEZ ALIGNMENT CHECKED RT. OF WAY CHECKED ROAD FILE NAME	PLAN NO.
SURVEY CHECKED (M, N, O, P) STRUCTURE NOTING CIRCO	PROFILE NO. NO.

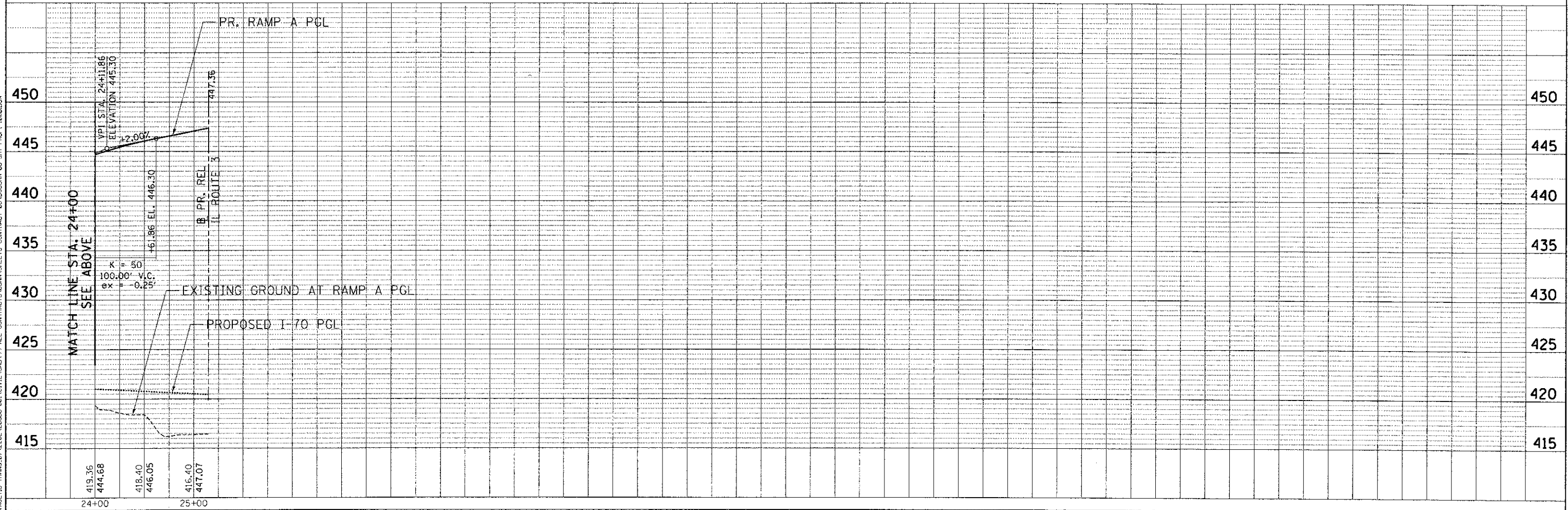


FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JB DRAWN - JB CHECKED - ACL DATE - 06/29/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>ROADWAY PROFILE</b> STA. 190+00 TO TRI-LEVEL	F.A.P. RTE. 998 SECTION 82-1R COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 46	CONTRACT NO. 76C43 ILLINOIS FED. AID PROJECT
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.						

PLAN	SURVEYED	DATE
	NOTED	BY
	DESIGNED	
	CHECKED	
	BY	
	DATE	
	NO. OF WAY CHECKED	
	PAID FILE NAME	



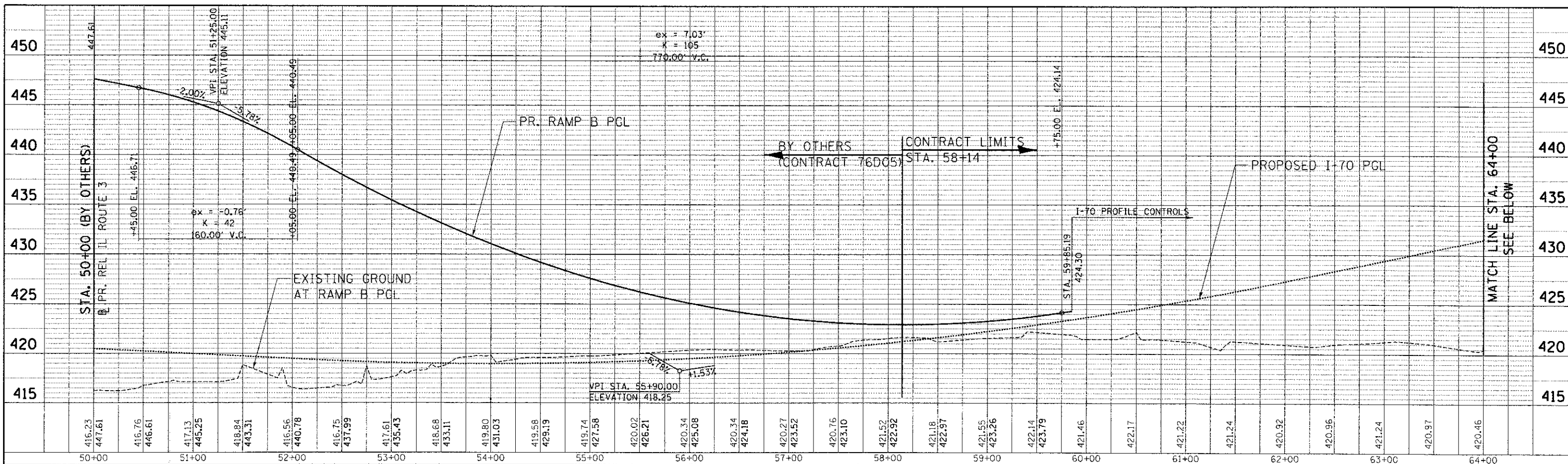
PROFILE	SURVEYED	DATE
	NOTED	BY
	DESIGNED	
	CHECKED	
	BY	
	DATE	
	NO. OF WAY CHECKED	
	PAID FILE NAME	



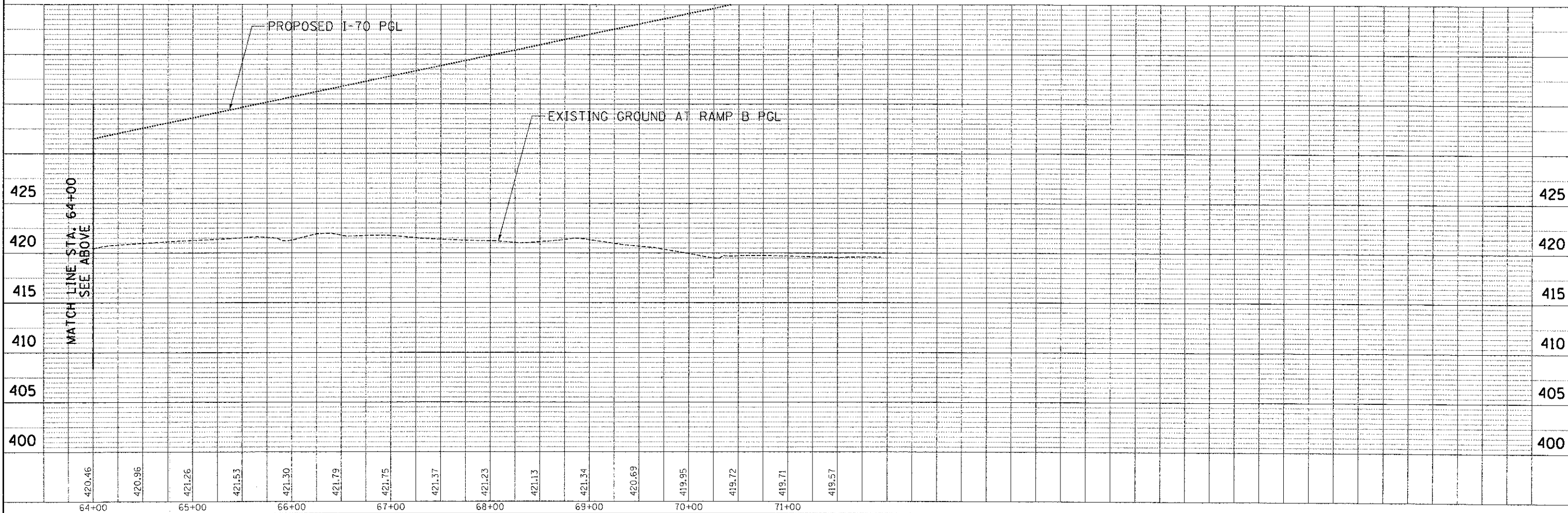
6-27-2013 9:40:04  
 BONDHILL  
 \\FS-0041\MYVAULT\TRANS\_07\2202\2013\08\08\01\CIVIL\CAD\99 ALL CONTRACTS\CONTRACT SHEETS\CONTRACT 08\08\08\08-SHT-PROF-1000.DGN

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED RAMP A</b> <b>ROADWAY PROFILE</b> <b>STA. 10+00 TO STA. 25+50</b>	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 47
#FILE#	PLLOT SCALE = #SCALE#	DRAWN - JB	REVISED -			CONTRACT NO. 76C43				
	PLLOT DATE = #DATE#	CHECKED - ACL	REVISED -			ILLINOIS FED. AID PROJECT				
		DATE - 06/29/12	REVISED -			FED. ROAD DIST. NO.				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	CHECKED		
NO.	PT. OF WAY CHECKED		
	PAID FILE NAME		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	CHECKED		
NO.	PT. OF WAY CHECKED		
	PAID FILE NAME		

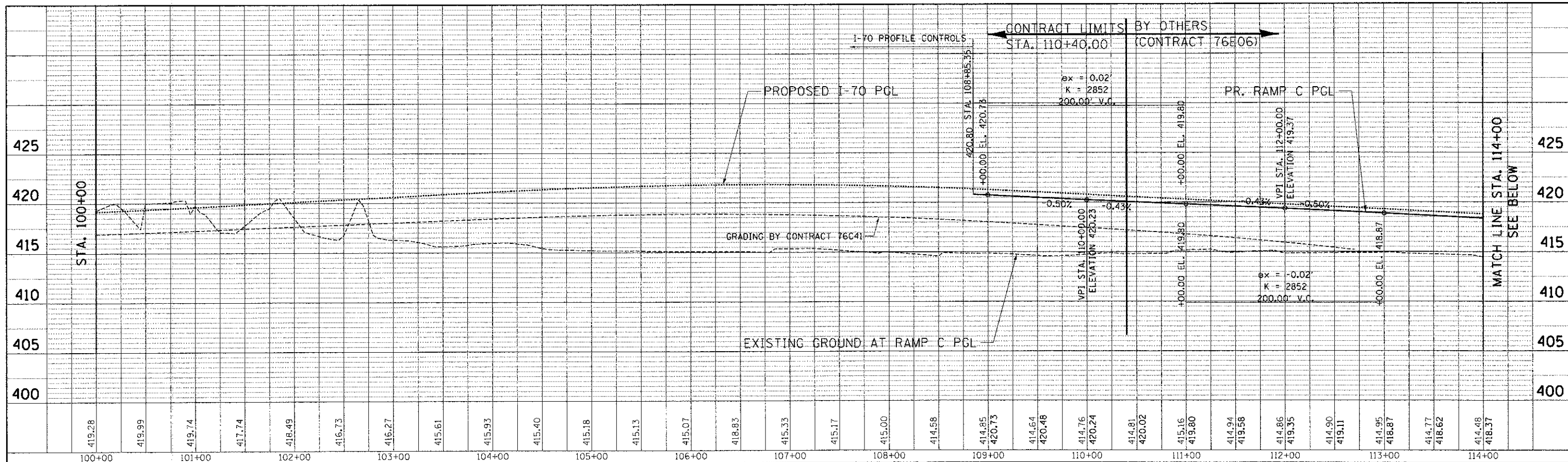


6-27-2012 9:49:06 BONDHILL  
 \\FS-0044\AR\VAL\J.D-TRANS.07\2222\30889-00\CIVIL\CAD\99 ALL CONTRACTS\ADMIN\SHETS\CONTRACT 06\06CONN-06-9H-PROP1-9900.DGN

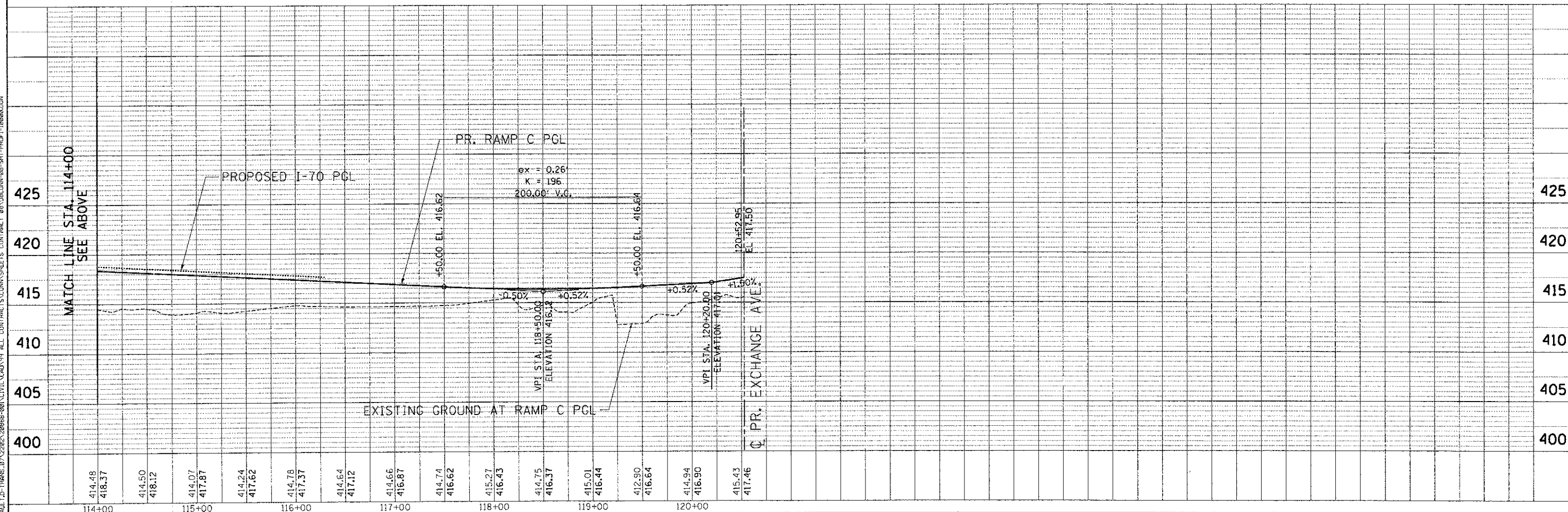
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JB DRAWN - JB CHECKED - ACL DATE - 06/29/12	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED RAMP B</b> <b>ROADWAY PROFILE</b> <b>STA. 50+00 TO STA. 72+28</b>	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS: 294 SHEETS NO.: 48	CONTRACT NO. 76C43
SCALE: HORIZ. 1"=50'					VERT. 1"=5'		STA. TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT										



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CHECKED		
	BY		
	NO.		



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

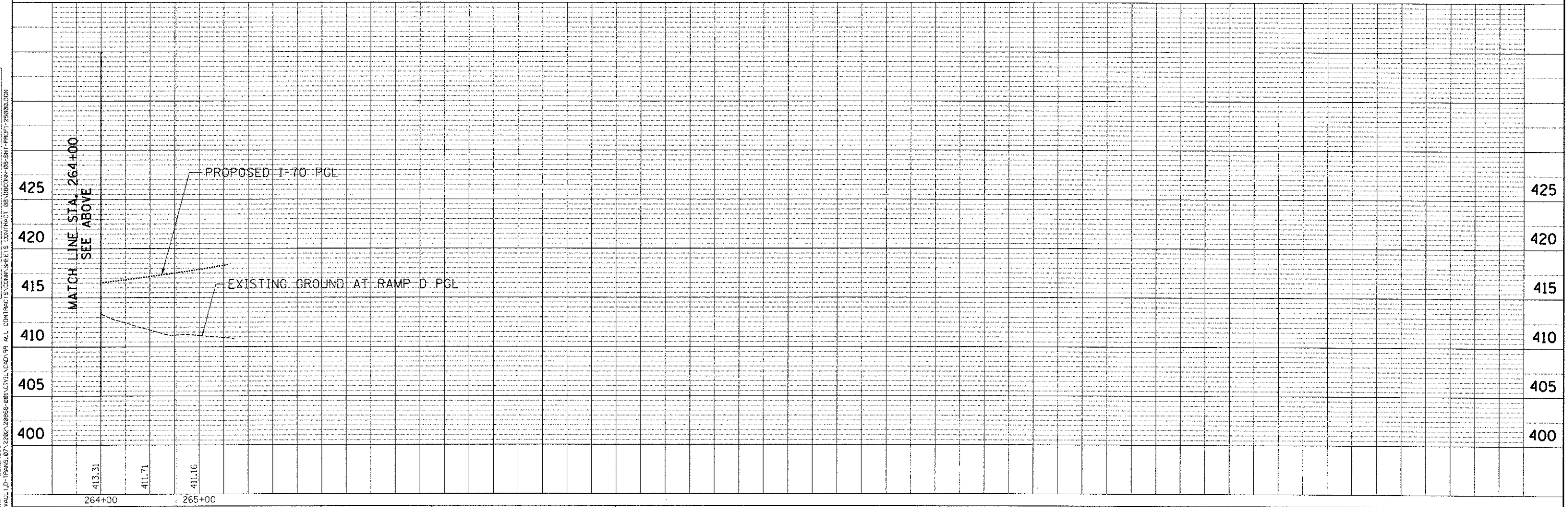
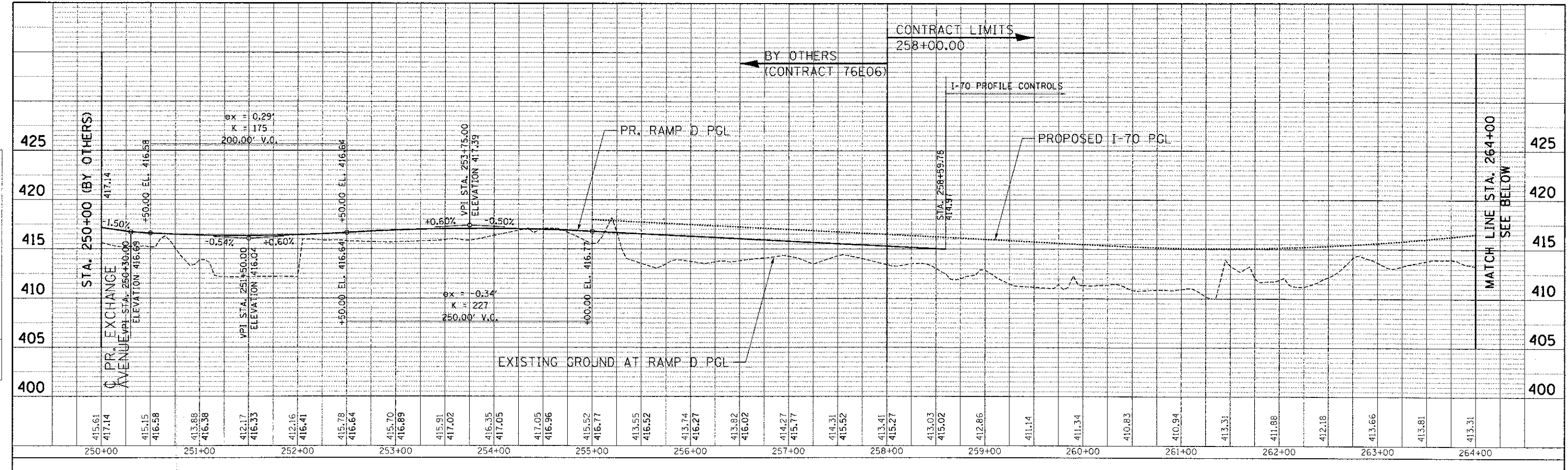


FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED RAMP C</b> <b>ROADWAY PROFILE</b> STA. 100+00 TO STA. 120+53	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 49	
\$FILEL#	PLOT SCALE = \$SCALE#	DRAWN - JB	REVISED -			SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE = \$DATE#	CHECKED - ACL	REVISED -			CONTRACT NO. 76C43					
		DATE - 06/29/12	REVISED -								

6-27-2012, 9:40:15  
 BONDURLOJ  
 \S:\S-2044-AMVAULT-1D-TRANS-97-2282-20968-001\CIVIL\CAD\19 ALL CONTRACTS\CONNS\SEETS CONTRACT 88\BDCONN-88-SHT-PROF1-10000.DGN  
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/P-LANNERS  
 CHICAGO, ILLINOIS

DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
NOTED	
NO.	



FILE NAME :	
#FILE# :	

USER NAME * #USER#	
PLOT SCALE = #SCALE#	
PLOT DATE * #DATE#	

DESIGNED - JB	REVISED -
DRAWN - JB	REVISED -
CHECKED - ACL	REVISED -
DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED RAMP D**  
**ROADWAY PROFILE**  
**STA. 250+00 TO STA. 265+56**

SCALE: HORIZ. 1"=50'    VERT. 1"=5'

F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

6-27-2012 9:48:18 BUNCHJJD \S:\6-0804\A\VALU\1\_D-TRANS\07A220\2012\06-28\68-091\CVL\CAD\99 ALL CONTRACTS\CDM\SM\SHL'S CONTRACT 08\UBCONH-08-SH-PROF1-25000.DWG

SUGGESTED CONSTRUCTION STAGING

1. PLACEMENT OF EROSION CONTROL DEVICES (ONGOING AS REQUIRED).
2. CONSTRUCT I-70 MEDIAN DRAINAGE SYSTEM.
3. SUBGRADE PREPARATION.
4. SIGNING (ONGOING AS REQUIRED).
5. ANCHORAGE SLAB, APPROACH PAVEMENT MEDIAN BARRIER AND MAINLINE I-70 PAVEMENT CONSTRUCTION.
6. ALL REMAINING ROADWAY ITEMS.
7. REMOVAL OF PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, AGGREGATE BERM, AND INLET FILTERS AT CONCLUSION OF CONSTRUCTION. THESE ITEMS SHALL NOT BE REMOVED UNTIL THE PERMANENT SEEDING AND LANDSCAPING ITEMS HAVE BEEN INSTALLED. PERMANENT SEEDING & LANDSCAPING BY OTHERS (CONTRACT 76F39).
8. COORDINATE THE OPENING OF I-70 AND THE RELOCATED IL ROUTE 3 RAMPS WITH CONTRACT 76E06, 76C76 AND MODOT.

DARLING ACCESS ROAD CLOSURE

1. SEND REQUIRED NOTIFICATIONS OF DARLING ACCESS ROAD CLOSURE TO FAIRMONT CITY, POLARVILLE, DARLING ENTERPRISES AND SPERRY RAIL TWO WEEKS PRIOR TO CLOSURE.
2. CLOSE DARLING ACCESS ROAD FROM INDUSTRIAL DRIVE TO EXCHANGE AVE. FOR A SINGLE CONTIGUOUS DURATION CLOSURE FOR THE SOLE PURPOSE OF CONSTRUCTING THE TOP PORTION OF THE MSE WALL. A DETOUR IS NOT REQUIRED FOR THIS CLOSURE.

NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, BARRICADES, DRUMS AND NECESSARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL COORDINATE THE MAINTENANCE OF TRAFFIC WITH THE ADJACENT CONTRACTS.
2. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS FOR THE CLOSURES OF RAMPS A AND C ONLY IN THE EVENT THAT THE RELOCATED IL ROUTE 3 INTERCHANGE IS NOT COMPLETED AND NOT OPEN TO TRAFFIC. IF THE RAMPS ARE NOT OPEN WHEN THE I-70 MAINLINE IS OPENED TO TRAFFIC, THE CONTRACTOR WILL ALSO BE REQUIRED TO COVER ALL MESSAGES/EXIT SIGNS FOR RELOCATED IL 3 INTERCHANGE WHILE THE RAMPS REMAIN CLOSED.
3. IF THE RELOCATED IL ROUTE 3 INTERCHANGE IS ABLE TO BE OPENED TO TRAFFIC ALONG WITH THE I-70 MAINLINE, THE TRAFFIC CONTROL DEVICES REQUIRED FOR THE RAMP A AND C CLOSURES SHALL NOT BE REQUIRED, AND CONTRACT PAY ITEM 70100820 - TRAFFIC CONTROL AND PROTECTION, STANDARD 701451 SHALL BE REMOVED FROM THE CONTRACT.

\N:\S-904\4\VA\VAULT.D-TRANS.07\2202\28669-00\GIVIL\CR0195 ALL CONTRACTS\CDNN\SHEETS CONTRACT 08\08CON-08-SHT-STAGE1.DGN  
 BENDIKUJ0

FILE NAME =	USER NAME = #USER#	DESIGNED - JB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED I-70 SUGGESTED STAGING, MAINTENANCE OF TRAFFIC AND STAGING NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - JB	REVISED -		I-70 CONNECTION				998	82-1R	ST. CLAIR	294	51
		CHECKED - ACL	REVISED -						SCALE: N.T.S.	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 76C43
<b>TENG</b>	TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	DATE - 06/29/12	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

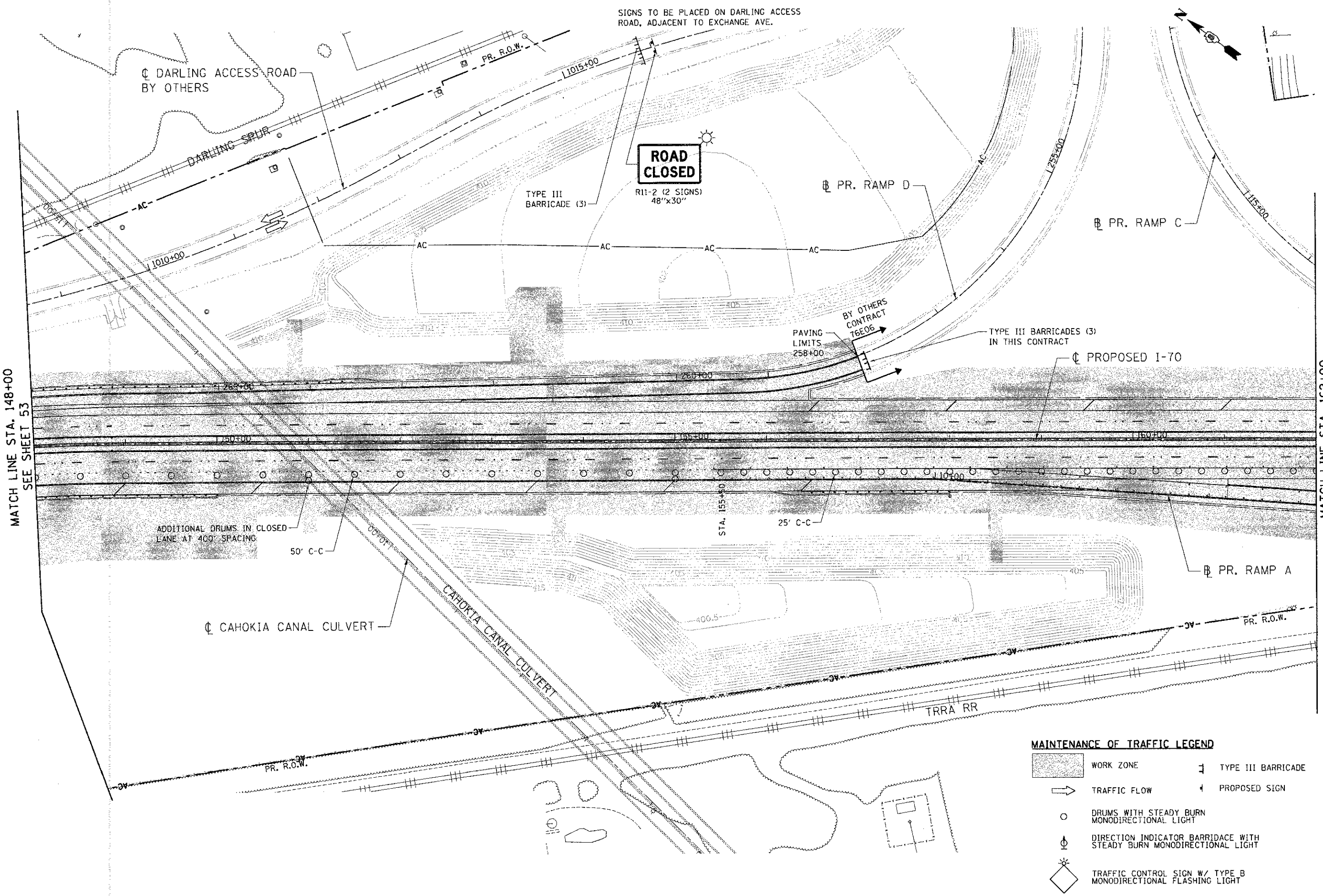




\DRG\CORR\99-MOTIF.LDGN, \DRG\CORR\95-MOTIF.LDGN, \DRG\CORR\96-CONTROLDGN, \DRG\CORR\97-MOTIF.LDGN, \DRG\CORR\98-MOTIF.LDGN, \DRG\CORR\99-MOTIF.LDGN, \DRG\CORR\00-LEVEL.CAD, \DRG\CORR\01-LEVEL.CAD, \DRG\CORR\02-LEVEL.CAD, \DRG\CORR\03-LEVEL.CAD, \DRG\CORR\04-LEVEL.CAD, \DRG\CORR\05-LEVEL.CAD, \DRG\CORR\06-LEVEL.CAD, \DRG\CORR\07-LEVEL.CAD, \DRG\CORR\08-LEVEL.CAD, \DRG\CORR\09-LEVEL.CAD, \DRG\CORR\10-LEVEL.CAD, \DRG\CORR\11-LEVEL.CAD, \DRG\CORR\12-LEVEL.CAD, \DRG\CORR\13-LEVEL.CAD, \DRG\CORR\14-LEVEL.CAD, \DRG\CORR\15-LEVEL.CAD, \DRG\CORR\16-LEVEL.CAD, \DRG\CORR\17-LEVEL.CAD, \DRG\CORR\18-LEVEL.CAD, \DRG\CORR\19-LEVEL.CAD, \DRG\CORR\20-LEVEL.CAD, \DRG\CORR\21-LEVEL.CAD, \DRG\CORR\22-LEVEL.CAD, \DRG\CORR\23-LEVEL.CAD, \DRG\CORR\24-LEVEL.CAD, \DRG\CORR\25-LEVEL.CAD, \DRG\CORR\26-LEVEL.CAD, \DRG\CORR\27-LEVEL.CAD, \DRG\CORR\28-LEVEL.CAD, \DRG\CORR\29-LEVEL.CAD, \DRG\CORR\30-LEVEL.CAD, \DRG\CORR\31-LEVEL.CAD, \DRG\CORR\32-LEVEL.CAD, \DRG\CORR\33-LEVEL.CAD, \DRG\CORR\34-LEVEL.CAD, \DRG\CORR\35-LEVEL.CAD, \DRG\CORR\36-LEVEL.CAD, \DRG\CORR\37-LEVEL.CAD, \DRG\CORR\38-LEVEL.CAD, \DRG\CORR\39-LEVEL.CAD, \DRG\CORR\40-LEVEL.CAD, \DRG\CORR\41-LEVEL.CAD, \DRG\CORR\42-LEVEL.CAD, \DRG\CORR\43-LEVEL.CAD, \DRG\CORR\44-LEVEL.CAD, \DRG\CORR\45-LEVEL.CAD, \DRG\CORR\46-LEVEL.CAD, \DRG\CORR\47-LEVEL.CAD, \DRG\CORR\48-LEVEL.CAD, \DRG\CORR\49-LEVEL.CAD, \DRG\CORR\50-LEVEL.CAD, \DRG\CORR\51-LEVEL.CAD, \DRG\CORR\52-LEVEL.CAD, \DRG\CORR\53-LEVEL.CAD, \DRG\CORR\54-LEVEL.CAD, \DRG\CORR\55-LEVEL.CAD, \DRG\CORR\56-LEVEL.CAD, \DRG\CORR\57-LEVEL.CAD, \DRG\CORR\58-LEVEL.CAD, \DRG\CORR\59-LEVEL.CAD, \DRG\CORR\60-LEVEL.CAD, \DRG\CORR\61-LEVEL.CAD, \DRG\CORR\62-LEVEL.CAD, \DRG\CORR\63-LEVEL.CAD, \DRG\CORR\64-LEVEL.CAD, \DRG\CORR\65-LEVEL.CAD, \DRG\CORR\66-LEVEL.CAD, \DRG\CORR\67-LEVEL.CAD, \DRG\CORR\68-LEVEL.CAD, \DRG\CORR\69-LEVEL.CAD, \DRG\CORR\70-LEVEL.CAD, \DRG\CORR\71-LEVEL.CAD, \DRG\CORR\72-LEVEL.CAD, \DRG\CORR\73-LEVEL.CAD, \DRG\CORR\74-LEVEL.CAD, \DRG\CORR\75-LEVEL.CAD, \DRG\CORR\76-LEVEL.CAD, \DRG\CORR\77-LEVEL.CAD, \DRG\CORR\78-LEVEL.CAD, \DRG\CORR\79-LEVEL.CAD, \DRG\CORR\80-LEVEL.CAD, \DRG\CORR\81-LEVEL.CAD, \DRG\CORR\82-LEVEL.CAD, \DRG\CORR\83-LEVEL.CAD, \DRG\CORR\84-LEVEL.CAD, \DRG\CORR\85-LEVEL.CAD, \DRG\CORR\86-LEVEL.CAD, \DRG\CORR\87-LEVEL.CAD, \DRG\CORR\88-LEVEL.CAD, \DRG\CORR\89-LEVEL.CAD, \DRG\CORR\90-LEVEL.CAD, \DRG\CORR\91-LEVEL.CAD, \DRG\CORR\92-LEVEL.CAD, \DRG\CORR\93-LEVEL.CAD, \DRG\CORR\94-LEVEL.CAD, \DRG\CORR\95-LEVEL.CAD, \DRG\CORR\96-LEVEL.CAD, \DRG\CORR\97-LEVEL.CAD, \DRG\CORR\98-LEVEL.CAD, \DRG\CORR\99-LEVEL.CAD, \DRG\CORR\100-LEVEL.CAD

MATCH LINE STA. 148+00  
SEE SHEET 53

MATCH LINE STA. 162+00  
SEE SHEET 55



**MAINTENANCE OF TRAFFIC LEGEND**

- WORK ZONE
- TRAFFIC FLOW
- DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TRAFFIC CONTROL SIGN W/ TYPE B MONODIRECTIONAL FLASHING LIGHT
- TYPE III BARRICADE
- PROPOSED SIGN

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED I-70**  
**SUGGESTED STAGING, MAINTENANCE OF TRAFFIC**  
**STA. 148+00 TO STA. 162+00**

SCALE: 1"=50'    SHEET NO. 4 OF 7 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	54
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76C43	

FILE NAME =	USER NAME = #USERS	DESIGNED - JB	REVISED -
\$FILELS		DRAWN - JB	REVISED -
	PLOT SCALE = \$SCALE*	CHECKED - ACL	REVISED -
	PLOT DATE = \$DATE*	DATE - 06/29/12	REVISED -

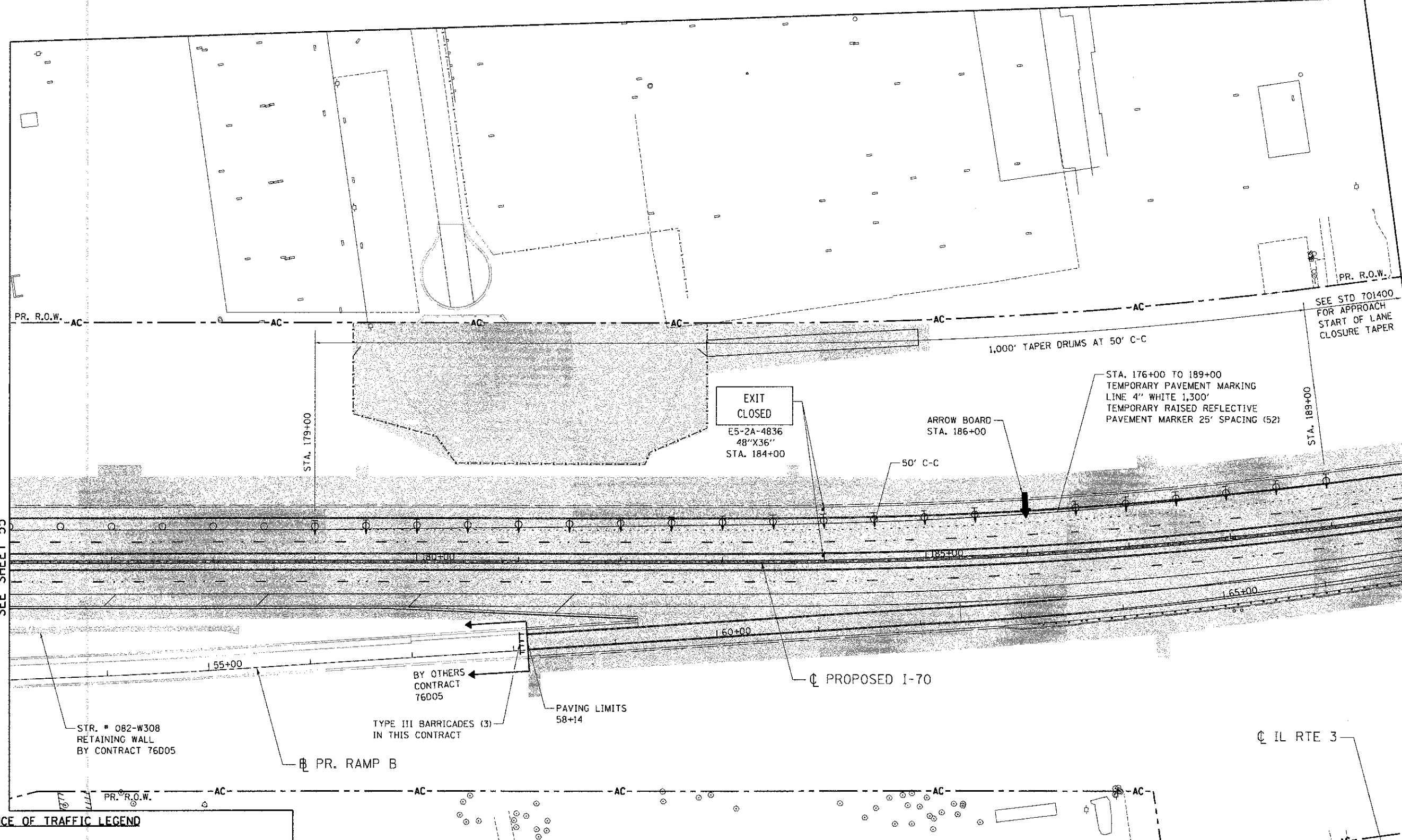






MATCH LINE STA. 176+00  
SEE SHEET 55

MATCH LINE STA. 190+00  
SEE SHEET 57



**MAINTENANCE OF TRAFFIC LEGEND**

	WORK ZONE		TYPE III BARRICADE
	TRAFFIC FLOW		PROPOSED SIGN
	DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT		
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT		
	TRAFFIC CONTROL SIGN W/ TYPE B MONODIRECTIONAL FLASHING LIGHT		

\S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON... \S:\CONTR\99-MOTIFLOON...

FILE NAME =  
#FILEL#

USER NAME = #USER#  
PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#

DESIGNED - JB  
DRAWN - JB  
CHECKED - ACL  
DATE - 06/29/12

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

**PROPOSED I-70**  
**SUGGESTED STAGING, MAINTENANCE OF TRAFFIC**  
STA. 176+00 TO STA. 190+00

SCALE: 1"=50'  
SHEET NO. 6 OF 7 SHEETS

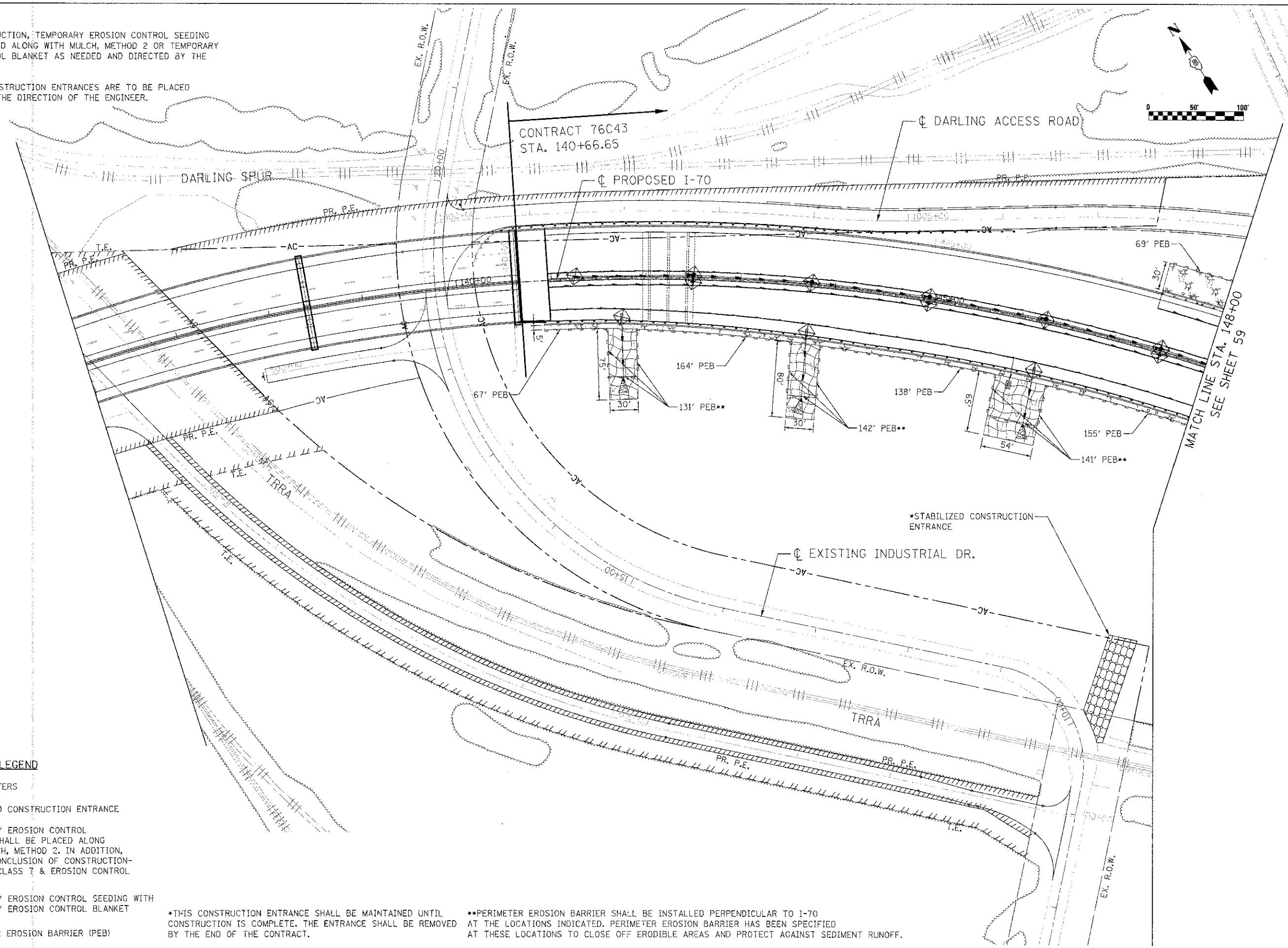
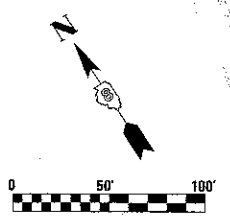
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	56
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C43	





NOTES:

- 1. DURING CONSTRUCTION, TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2 OR TEMPORARY EROSION CONTROL BLANKET AS NEEDED AND DIRECTED BY THE ENGINEER.
- 2. STABILIZED CONSTRUCTION ENTRANCES ARE TO BE PLACED AS NEEDED AT THE DIRECTION OF THE ENGINEER.



EROSION CONTROL LEGEND

- INLET FILTERS
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT THE CONCLUSION OF CONSTRUCTION SEEDING, CLASS 7 & EROSION CONTROL BLANKET.
- TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER (PEB)

\*THIS CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. THE ENTRANCE SHALL BE REMOVED BY THE END OF THE CONTRACT.  
\*\*PERIMETER EROSION BARRIER SHALL BE INSTALLED PERPENDICULAR TO I-70 AT THE LOCATIONS INDICATED. PERIMETER EROSION BARRIER HAS BEEN SPECIFIED AT THESE LOCATIONS TO CLOSE OFF ERODIBLE AREAS AND PROTECT AGAINST SEDIMENT RUNOFF.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
I-70 CONNECTION

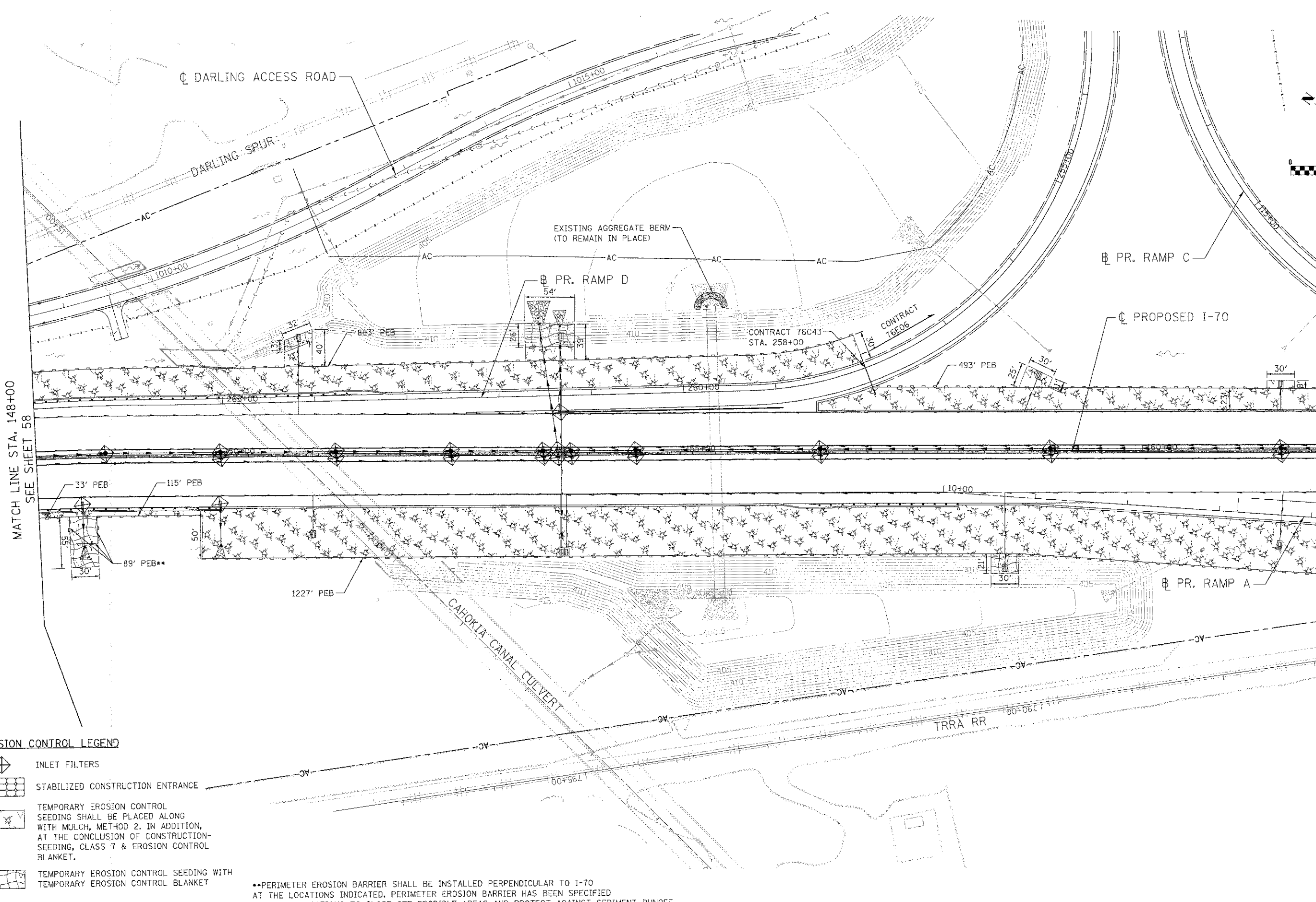
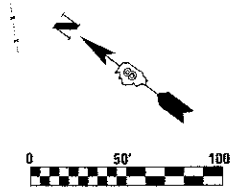
PROPOSED I-70  
EROSION CONTROL  
STA. 136+00 TO STA. 148+00



USER NAME = #USER#	DESIGNED - AS	REVISED -
DESIGNED - AS	DRAWN - AS	REVISED -
PLOT SCALE = #SCALE#	CHECKED - ST	REVISED -
PLOT DATE = #DATE#	DATE - 06/29/2012	REVISED -

SCALE: 1"=50'	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.
---------------	-------------------------	--------------

F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 58
CONTRACT NO. 76C43				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



- EROSION CONTROL LEGEND**
- INLET FILTERS
  - STABILIZED CONSTRUCTION ENTRANCE
  - TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT THE CONCLUSION OF CONSTRUCTION-SEEDING, CLASS 7 & EROSION CONTROL BLANKET.
  - TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET
  - PERIMETER EROSION BARRIER (PEB)

••PERIMETER EROSION BARRIER SHALL BE INSTALLED PERPENDICULAR TO I-70 AT THE LOCATIONS INDICATED. PERIMETER EROSION BARRIER HAS BEEN SPECIFIED AT THESE LOCATIONS TO CLOSE OFF ERODIBLE AREAS AND PROTECT AGAINST SEDIMENT RUNOFF.



USER NAME = #USER#	DESIGNED - AS	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AS	REVISED -
PLOT DATE = #DATE#	CHECKED - ST	REVISED -
	DATE - 06/29/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

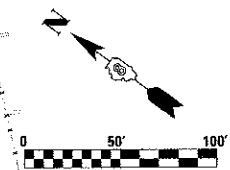
**PROPOSED I-70  
EROSION CONTROL  
STA. 148+00 TO STA. 162+00**

SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	

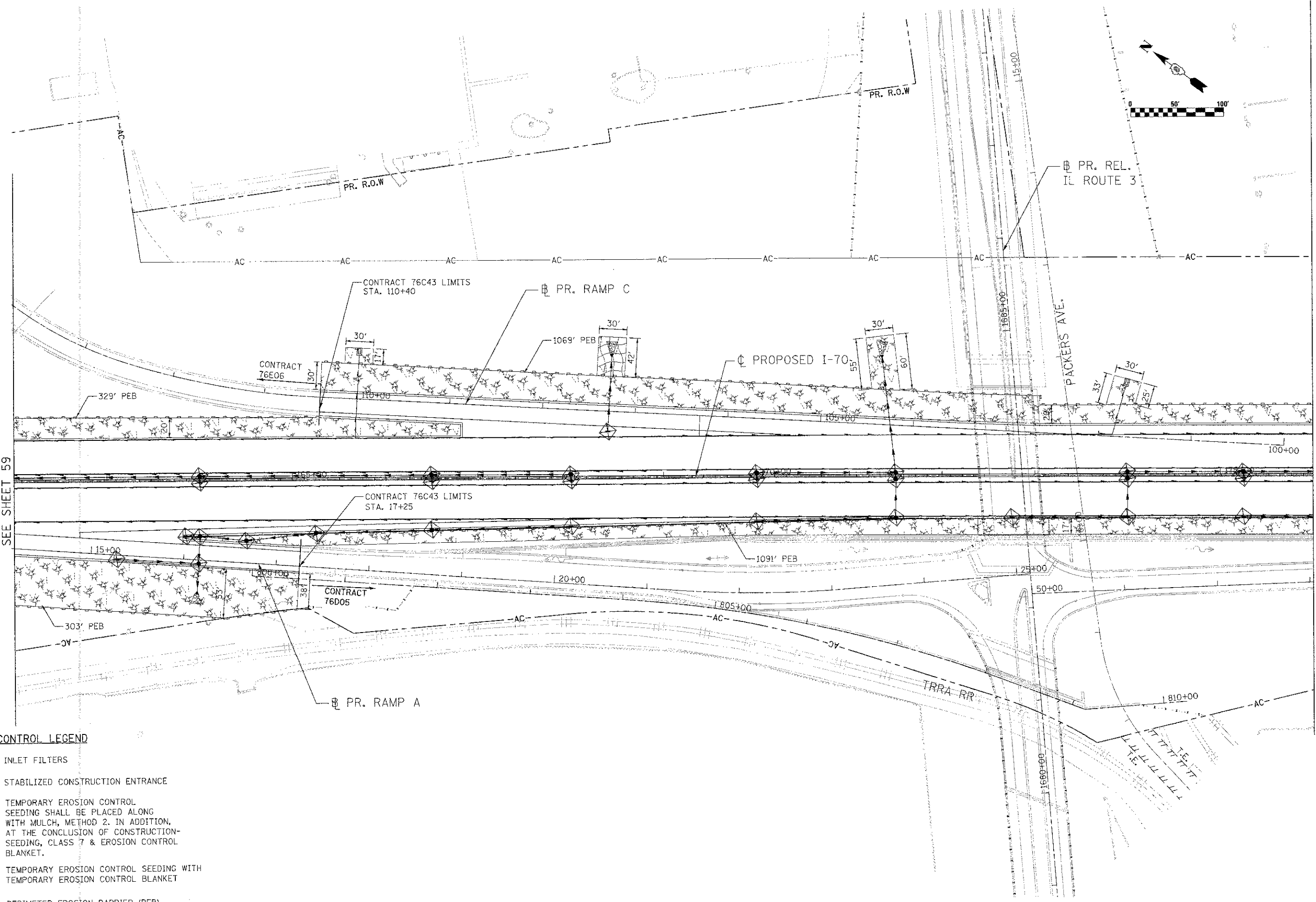
MATCH LINE STA. 148+00  
SEE SHEET 58






MATCH LINE STA. 162+00  
SEE SHEET 60



MATCH LINE STA. 162+00  
SEE SHEET 59

MATCH LINE STA. 176+00  
SEE SHEET 61



- EROSION CONTROL LEGEND**
-  INLET FILTERS
  -  STABILIZED CONSTRUCTION ENTRANCE
  -  TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT THE CONCLUSION OF CONSTRUCTION SEEDING, CLASS 7 & EROSION CONTROL BLANKET.
  -  TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET
  -  PERIMETER EROSION BARRIER (PEB)



USER NAME = \$USER\$	DESIGNED - AS	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - AS	REVISED -
PLOT DATE = \$DATE\$	CHECKED - ST	REVISED -
	DATE - 06/29/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

**PROPOSED I-70  
EROSION CONTROL  
STA. 162+00 TO STA. 176+00**

SCALE: 1"=50'    SHEET NO. 3 OF 5 SHEETS    STA.    TO STA.

F.A.P. R.T.E. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 60
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 76C43

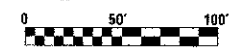


CONTRACT 76C43  
STA 191+99.00

CONTRACT 76C50

DUTCHERS LANE

STABILIZED CONSTRUCTION ENTRANCE



EX. R.O.W.

EX. R.O.W.

EX. R.O.W.

BAUGH AVE.

BAUGH AVE.

PROPOSED I-70

MATCH LINE STA. 190+00  
SEE SHEET 61

199' PEB

00+98 |

195+00

150+00

145+00

00+08 |

00+08 |

150+00

PR. RAMP B

215' PEB

N. 1ST ST.

1ST STREET


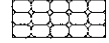
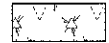


IL RTE 3

N. 2ND ST.

KANSAS CITY SOUTHERN RR

IL ROUTE 3 (ST. CLAIR AVE.)

**EROSION CONTROL LEGEND**

-  INLET FILTERS
-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT THE CONCLUSION OF CONSTRUCTION SEEDING, CLASS 7 & EROSION CONTROL BLANKET.
-  TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER (PEB)

NOTE:  
ALL EROSION CONTROL MEASURES ON THIS SHEET SHALL BE INCLUDED AS PART OF CONTRACT 76C43.

\*THIS CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. THE ENTRANCE SHALL BE REMOVED BY THE END OF THE CONTRACT.



USER NAME = #USER#  
DESIGNED - AS  
DRAWN - AS  
CHECKED - ST  
DATE - 06/29/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
I-70 CONNECTION

PROPOSED I-70  
EROSION CONTROL  
STA. 190+00 TO STA. 196+35

SCALE: 1"=50'

SHEET NO. 5 OF 5 SHEETS

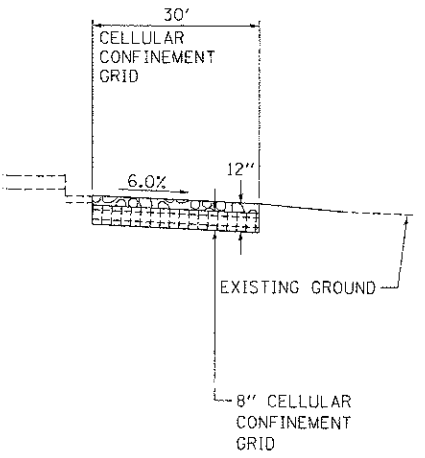
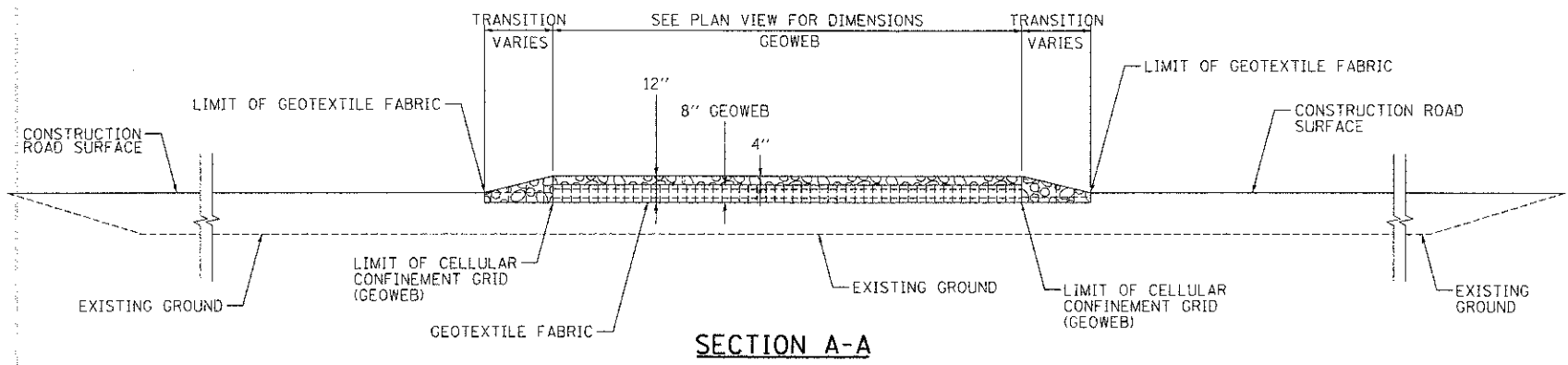
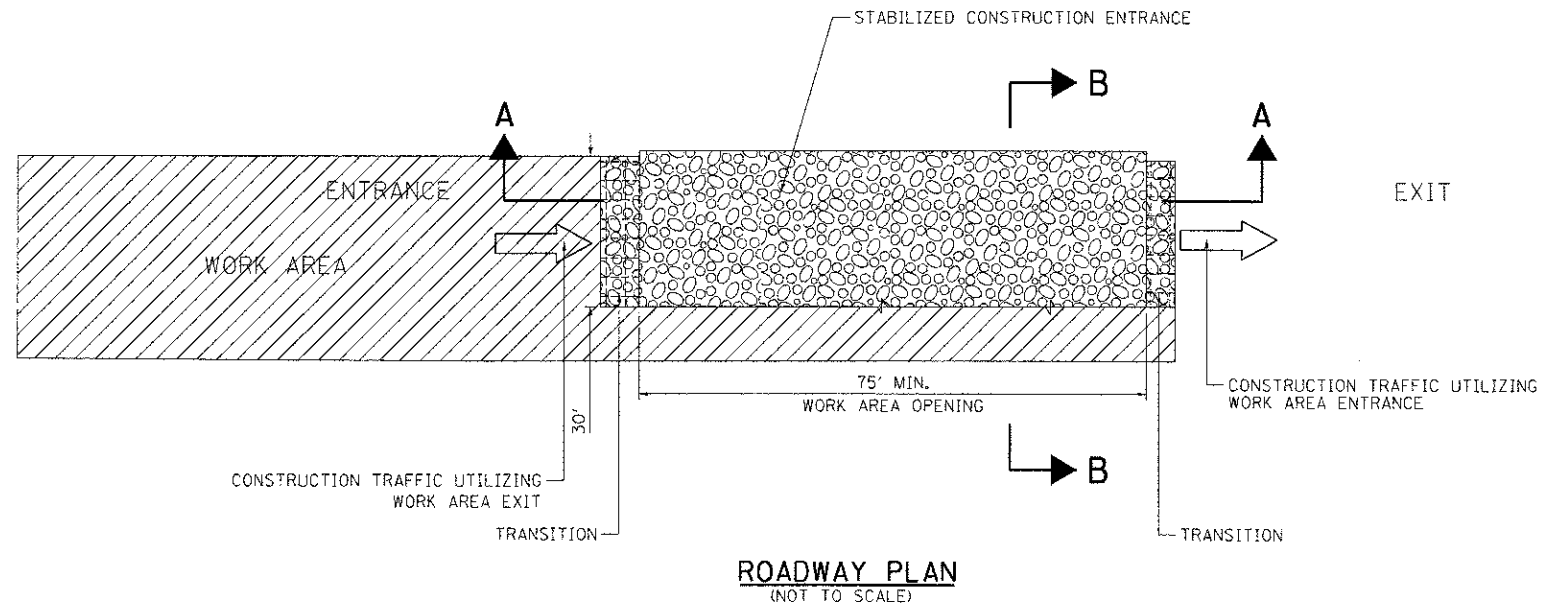
STA.

TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	62
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	



\DRG\98-90\DRG\1.DGN BONDILLO \YES-206\4\MAIN\VALT.D-TRANS. 87\2282\28869-30\ACT\VALT.CAD\99 ALL CONTRACTS\CONNSHEETS CONTRACT 88\UBDCNN-88-SHT-DRAIN\88E1.DGN



**LEGEND:**

- DIRECTION OF TRAFFIC
- WORK AREA
- STABILIZED CONSTRUCTION ENTRANCE
- COARSE AGGREGATE, CA-3

**STABILIZED CONSTRUCTION ENTRANCE**

**NOTES:**

1. EXISTING DITCH DRAINAGE TO BE MAINTAINED. THE COST OF PIPE CULVERTS USED TO MAINTAIN EXISTING DITCH DRAINAGE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.
2. THE COST OF ANY COARSE AGGREGATE CA-3 USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.
3. STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

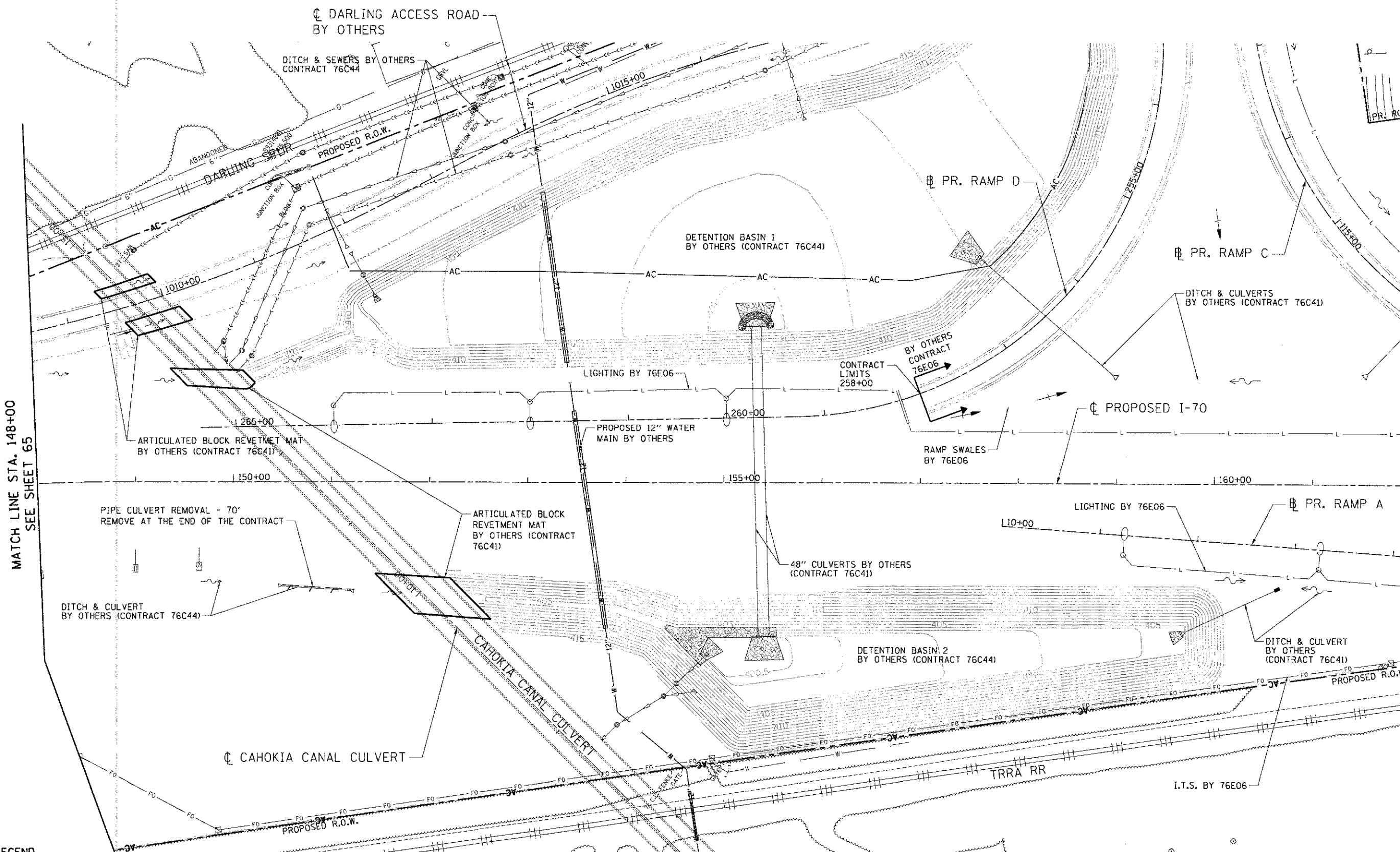
FILE NAME #	USER NAME # @USER#	DESIGNED - MDN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>EROSION CONTROL DETAILS</b>	F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 64		
FILE#		DRAWN - MDN	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 76C43		
		CHECKED - TKL	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						
		DATE - 06/29/12	REVISED -									







..\BDCDNN-98-BORDER.DWG, ..\BDCDNN-99-DRAIN.DWG, ..\BDCDNN-00-LEGEND.DWG, ..\BDCDNN-01-PLAN.DWG, ..\BDCDNN-02-SECTION.DWG, ..\BDCDNN-03-CULVERT.DWG, ..\BDCDNN-04-CONCRETE.DWG, ..\BDCDNN-05-CONTOUR.DWG, ..\BDCDNN-06-MOTIF.DWG, ..\BDCDNN-07-MOTIF.DWG, ..\BDCDNN-08-MOTIF.DWG, ..\BDCDNN-09-MOTIF.DWG, ..\BDCDNN-10-MOTIF.DWG, ..\BDCDNN-11-MOTIF.DWG, ..\BDCDNN-12-MOTIF.DWG, ..\BDCDNN-13-MOTIF.DWG, ..\BDCDNN-14-MOTIF.DWG, ..\BDCDNN-15-MOTIF.DWG, ..\BDCDNN-16-MOTIF.DWG, ..\BDCDNN-17-MOTIF.DWG, ..\BDCDNN-18-MOTIF.DWG, ..\BDCDNN-19-MOTIF.DWG, ..\BDCDNN-20-MOTIF.DWG, ..\BDCDNN-21-MOTIF.DWG, ..\BDCDNN-22-MOTIF.DWG, ..\BDCDNN-23-MOTIF.DWG, ..\BDCDNN-24-MOTIF.DWG, ..\BDCDNN-25-MOTIF.DWG, ..\BDCDNN-26-MOTIF.DWG, ..\BDCDNN-27-MOTIF.DWG, ..\BDCDNN-28-MOTIF.DWG, ..\BDCDNN-29-MOTIF.DWG, ..\BDCDNN-30-MOTIF.DWG, ..\BDCDNN-31-MOTIF.DWG, ..\BDCDNN-32-MOTIF.DWG, ..\BDCDNN-33-MOTIF.DWG, ..\BDCDNN-34-MOTIF.DWG, ..\BDCDNN-35-MOTIF.DWG, ..\BDCDNN-36-MOTIF.DWG, ..\BDCDNN-37-MOTIF.DWG, ..\BDCDNN-38-MOTIF.DWG, ..\BDCDNN-39-MOTIF.DWG, ..\BDCDNN-40-MOTIF.DWG, ..\BDCDNN-41-MOTIF.DWG, ..\BDCDNN-42-MOTIF.DWG, ..\BDCDNN-43-MOTIF.DWG, ..\BDCDNN-44-MOTIF.DWG, ..\BDCDNN-45-MOTIF.DWG, ..\BDCDNN-46-MOTIF.DWG, ..\BDCDNN-47-MOTIF.DWG, ..\BDCDNN-48-MOTIF.DWG, ..\BDCDNN-49-MOTIF.DWG, ..\BDCDNN-50-MOTIF.DWG, ..\BDCDNN-51-MOTIF.DWG, ..\BDCDNN-52-MOTIF.DWG, ..\BDCDNN-53-MOTIF.DWG, ..\BDCDNN-54-MOTIF.DWG, ..\BDCDNN-55-MOTIF.DWG, ..\BDCDNN-56-MOTIF.DWG, ..\BDCDNN-57-MOTIF.DWG, ..\BDCDNN-58-MOTIF.DWG, ..\BDCDNN-59-MOTIF.DWG, ..\BDCDNN-60-MOTIF.DWG, ..\BDCDNN-61-MOTIF.DWG, ..\BDCDNN-62-MOTIF.DWG, ..\BDCDNN-63-MOTIF.DWG, ..\BDCDNN-64-MOTIF.DWG, ..\BDCDNN-65-MOTIF.DWG, ..\BDCDNN-66-MOTIF.DWG, ..\BDCDNN-67-MOTIF.DWG, ..\BDCDNN-68-MOTIF.DWG, ..\BDCDNN-69-MOTIF.DWG, ..\BDCDNN-70-MOTIF.DWG, ..\BDCDNN-71-MOTIF.DWG, ..\BDCDNN-72-MOTIF.DWG, ..\BDCDNN-73-MOTIF.DWG, ..\BDCDNN-74-MOTIF.DWG, ..\BDCDNN-75-MOTIF.DWG, ..\BDCDNN-76-MOTIF.DWG, ..\BDCDNN-77-MOTIF.DWG, ..\BDCDNN-78-MOTIF.DWG, ..\BDCDNN-79-MOTIF.DWG, ..\BDCDNN-80-MOTIF.DWG, ..\BDCDNN-81-MOTIF.DWG, ..\BDCDNN-82-MOTIF.DWG, ..\BDCDNN-83-MOTIF.DWG, ..\BDCDNN-84-MOTIF.DWG, ..\BDCDNN-85-MOTIF.DWG, ..\BDCDNN-86-MOTIF.DWG, ..\BDCDNN-87-MOTIF.DWG, ..\BDCDNN-88-MOTIF.DWG, ..\BDCDNN-89-MOTIF.DWG, ..\BDCDNN-90-MOTIF.DWG, ..\BDCDNN-91-MOTIF.DWG, ..\BDCDNN-92-MOTIF.DWG, ..\BDCDNN-93-MOTIF.DWG, ..\BDCDNN-94-MOTIF.DWG, ..\BDCDNN-95-MOTIF.DWG, ..\BDCDNN-96-MOTIF.DWG, ..\BDCDNN-97-MOTIF.DWG, ..\BDCDNN-98-MOTIF.DWG, ..\BDCDNN-99-MOTIF.DWG, ..\BDCDNN-00-MOTIF.DWG



**LEGEND**

○	EX. INLET	→	COMBINED STORM SEWER	~	EX. DITCH
○	EX. CATCH BASIN	▷	EX. END SECTION	→	EX. SWALE
⊙	EX. MANHOLE	▢	EX. CONCRETE HEADWALL	↔	EX. SUMIT
—	EX. STORM SEWER	- - -	PIPE REMOVAL		
—	EX. UNDERDRAIN	[ADJ]	ADJUST STRUCTURE		
—	EX. SANITARY SEWER	[REC]	RECONSTRUCT STRUCTURE		

MATCH LINE STA. 148+00  
SEE SHEET 65

MATCH LINE STA. 162+00  
SEE SHEET 67

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = #USER#	DESIGNED - MDN	REVISED -
#FILE#		DRAWN - MDN	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - TKL	REVISED -
	PLOT DATE = #DATE#	DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

<b>PROPOSED I-70 EXISTING DRAINAGE &amp; UTILITIES</b>			
<b>STA. 148+00 TO STA. 162+00</b>			
SCALE: 1"=50'	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	B2-1R	ST. CLAIR	294	66
CONTRACT NO. 76C43				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

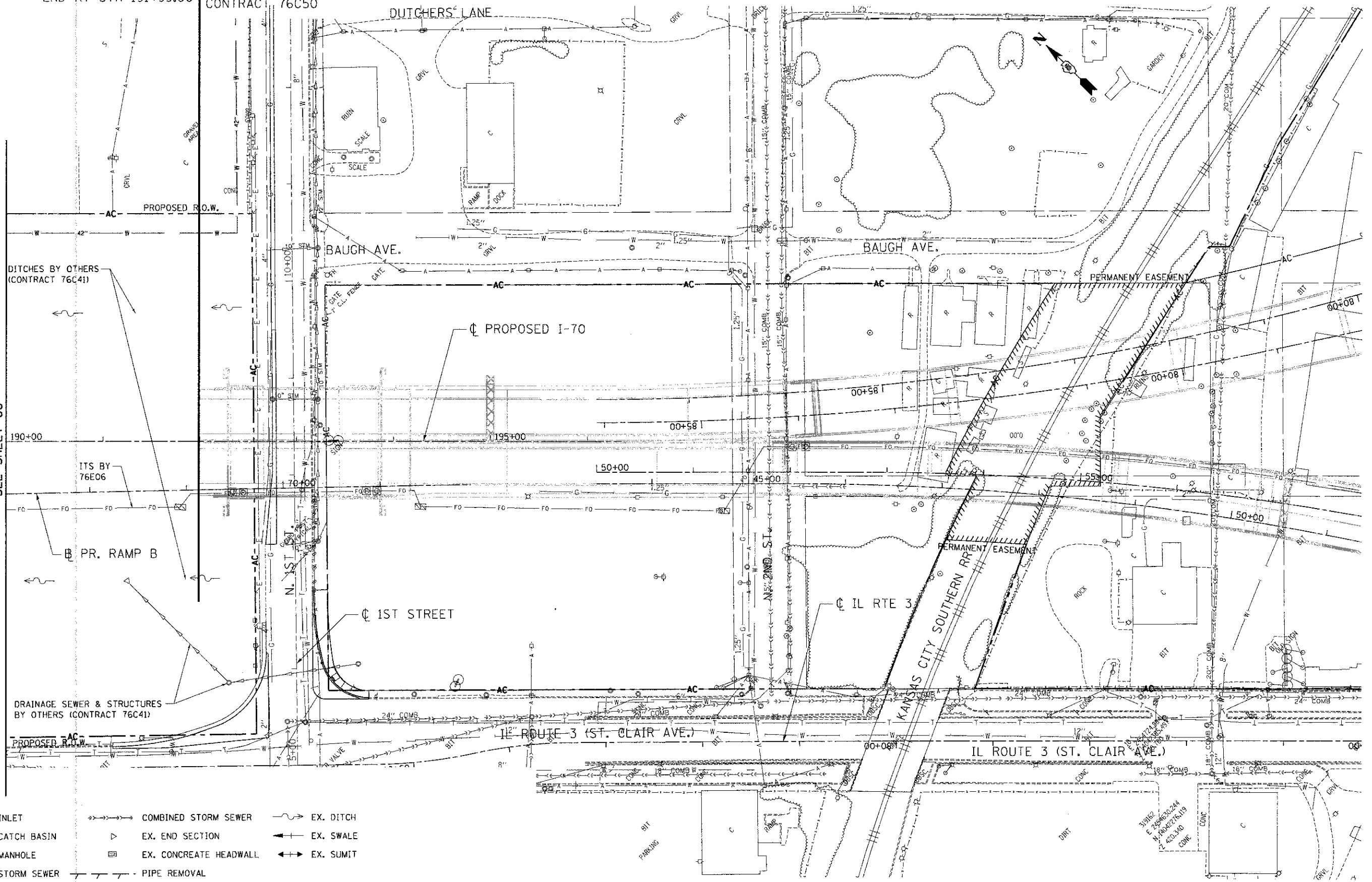




PAVING LIMITS  
END AT STA 191+99.00

PAVEMENT MARKING & SIGNING ONLY  
DRAINAGE BY OTHERS  
CONTRACT 76C50

MATCH LINE STA. 190+00  
SEE SHEET 68



- LEGEND**
- EX. INLET
  - EX. CATCH BASIN
  - EX. MANHOLE
  - EX. STORM SEWER
  - EX. UNDERDRAIN
  - EX. SANITARY SEWER
  - COMBINED STORM SEWER
  - ▷ EX. END SECTION
  - ▢ EX. CONCRETE HEADWALL
  - PIPE REMOVAL
  - ADJ ADJUST STRUCTURE
  - REC RECONSTRUCT STRUCTURE
  - EX. DITCH
  - EX. SWALE
  - EX. SUMIT

FILE NAME =  
#FILE#

USER NAME = #USER#  
PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#

DESIGNED - MDN  
DRAWN - MDN  
CHECKED - TKL  
DATE - 06/29/12

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
I-70 CONNECTION

**PROPOSED I-70**  
**EXISTING DRAINAGE & UTILITIES**  
STA. 190+00 TO TRI-LEVEL

SCALE: 1"=50'

SHEET NO. 5 OF 5 SHEETS

STA. TO STA.

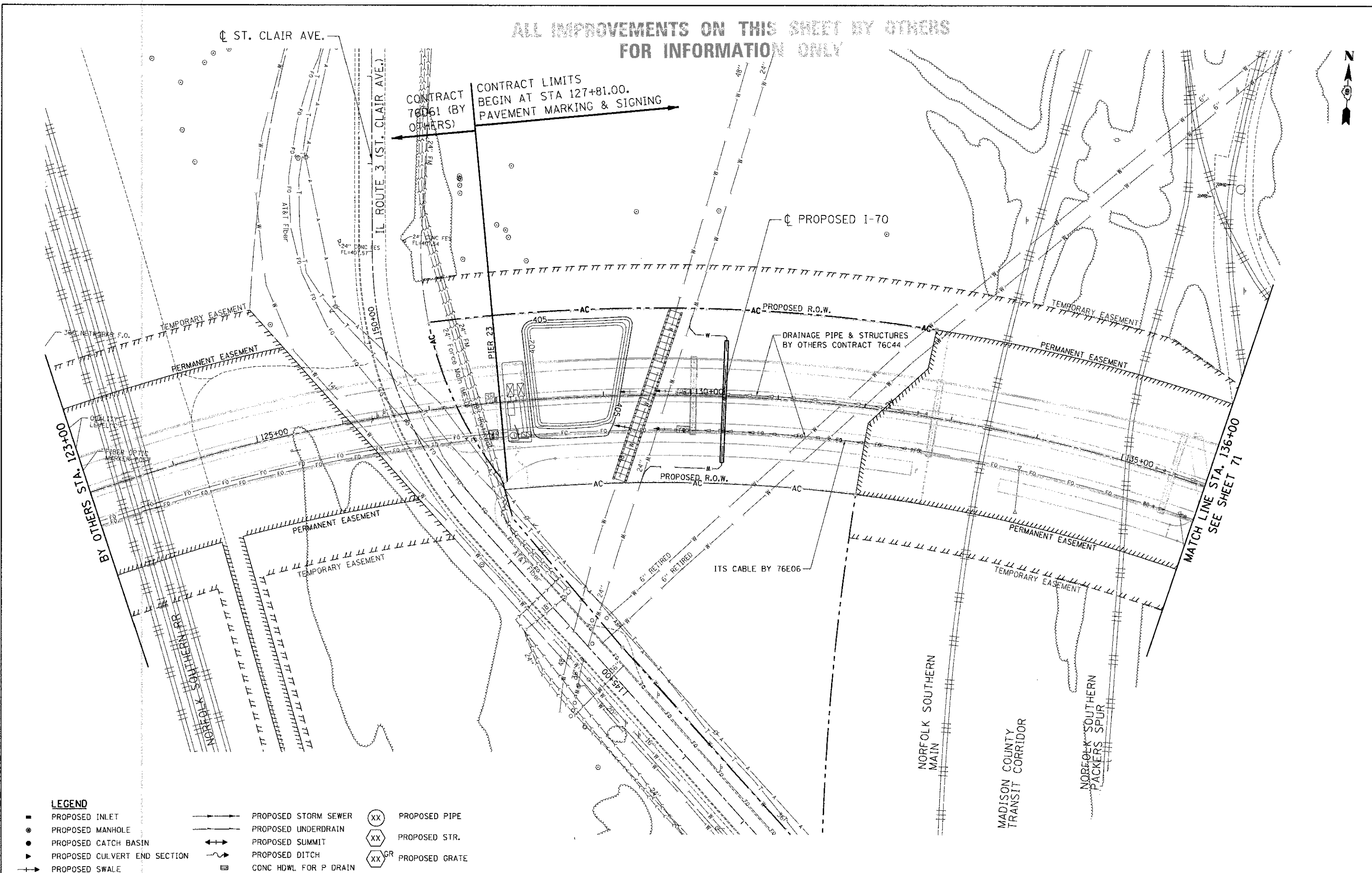
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	B2-1R	ST. CLAIR	294	69
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 76C43

\\_ORICONN-99-MOTIF1.DGN, \\_ORICONN-99-LAYOUT1.DGN, \\_ORICONN-99-LEGEND1.DGN, \\_ORICONN-99-GEODETICS1.DGN, \\_ORICONN-99-GEODETICS2.DGN, \\_ORICONN-99-MOTIF1.DGN, \\_ORICONN-99-MOTIF2.DGN, \\_ORICONN-99-MOTIF3.DGN, \\_ORICONN-99-MOTIF4.DGN, \\_ORICONN-99-MOTIF5.DGN, \\_ORICONN-99-MOTIF6.DGN, \\_ORICONN-99-MOTIF7.DGN, \\_ORICONN-99-MOTIF8.DGN, \\_ORICONN-99-MOTIF9.DGN, \\_ORICONN-99-MOTIF10.DGN, \\_ORICONN-99-MOTIF11.DGN, \\_ORICONN-99-MOTIF12.DGN, \\_ORICONN-99-MOTIF13.DGN, \\_ORICONN-99-MOTIF14.DGN, \\_ORICONN-99-MOTIF15.DGN, \\_ORICONN-99-MOTIF16.DGN, \\_ORICONN-99-MOTIF17.DGN, \\_ORICONN-99-MOTIF18.DGN, \\_ORICONN-99-MOTIF19.DGN, \\_ORICONN-99-MOTIF20.DGN, \\_ORICONN-99-MOTIF21.DGN, \\_ORICONN-99-MOTIF22.DGN, \\_ORICONN-99-MOTIF23.DGN, \\_ORICONN-99-MOTIF24.DGN, \\_ORICONN-99-MOTIF25.DGN, \\_ORICONN-99-MOTIF26.DGN, \\_ORICONN-99-MOTIF27.DGN, \\_ORICONN-99-MOTIF28.DGN, \\_ORICONN-99-MOTIF29.DGN, \\_ORICONN-99-MOTIF30.DGN, \\_ORICONN-99-MOTIF31.DGN, \\_ORICONN-99-MOTIF32.DGN, \\_ORICONN-99-MOTIF33.DGN, \\_ORICONN-99-MOTIF34.DGN, \\_ORICONN-99-MOTIF35.DGN, \\_ORICONN-99-MOTIF36.DGN, \\_ORICONN-99-MOTIF37.DGN, \\_ORICONN-99-MOTIF38.DGN, \\_ORICONN-99-MOTIF39.DGN, \\_ORICONN-99-MOTIF40.DGN, \\_ORICONN-99-MOTIF41.DGN, \\_ORICONN-99-MOTIF42.DGN, \\_ORICONN-99-MOTIF43.DGN, \\_ORICONN-99-MOTIF44.DGN, \\_ORICONN-99-MOTIF45.DGN, \\_ORICONN-99-MOTIF46.DGN, \\_ORICONN-99-MOTIF47.DGN, \\_ORICONN-99-MOTIF48.DGN, \\_ORICONN-99-MOTIF49.DGN, \\_ORICONN-99-MOTIF50.DGN, \\_ORICONN-99-MOTIF51.DGN, \\_ORICONN-99-MOTIF52.DGN, \\_ORICONN-99-MOTIF53.DGN, \\_ORICONN-99-MOTIF54.DGN, \\_ORICONN-99-MOTIF55.DGN, \\_ORICONN-99-MOTIF56.DGN, \\_ORICONN-99-MOTIF57.DGN, \\_ORICONN-99-MOTIF58.DGN, \\_ORICONN-99-MOTIF59.DGN, \\_ORICONN-99-MOTIF60.DGN, \\_ORICONN-99-MOTIF61.DGN, \\_ORICONN-99-MOTIF62.DGN, \\_ORICONN-99-MOTIF63.DGN, \\_ORICONN-99-MOTIF64.DGN, \\_ORICONN-99-MOTIF65.DGN, \\_ORICONN-99-MOTIF66.DGN, \\_ORICONN-99-MOTIF67.DGN, \\_ORICONN-99-MOTIF68.DGN, \\_ORICONN-99-MOTIF69.DGN, \\_ORICONN-99-MOTIF70.DGN, \\_ORICONN-99-MOTIF71.DGN, \\_ORICONN-99-MOTIF72.DGN, \\_ORICONN-99-MOTIF73.DGN, \\_ORICONN-99-MOTIF74.DGN, \\_ORICONN-99-MOTIF75.DGN, \\_ORICONN-99-MOTIF76.DGN, \\_ORICONN-99-MOTIF77.DGN, \\_ORICONN-99-MOTIF78.DGN, \\_ORICONN-99-MOTIF79.DGN, \\_ORICONN-99-MOTIF80.DGN, \\_ORICONN-99-MOTIF81.DGN, \\_ORICONN-99-MOTIF82.DGN, \\_ORICONN-99-MOTIF83.DGN, \\_ORICONN-99-MOTIF84.DGN, \\_ORICONN-99-MOTIF85.DGN, \\_ORICONN-99-MOTIF86.DGN, \\_ORICONN-99-MOTIF87.DGN, \\_ORICONN-99-MOTIF88.DGN, \\_ORICONN-99-MOTIF89.DGN, \\_ORICONN-99-MOTIF90.DGN, \\_ORICONN-99-MOTIF91.DGN, \\_ORICONN-99-MOTIF92.DGN, \\_ORICONN-99-MOTIF93.DGN, \\_ORICONN-99-MOTIF94.DGN, \\_ORICONN-99-MOTIF95.DGN, \\_ORICONN-99-MOTIF96.DGN, \\_ORICONN-99-MOTIF97.DGN, \\_ORICONN-99-MOTIF98.DGN, \\_ORICONN-99-MOTIF99.DGN, \\_ORICONN-99-MOTIF100.DGN

**TENG** & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

ALL IMPROVEMENTS ON THIS SHEET BY OTHERS  
FOR INFORMATION ONLY



**LEGEND**

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- ▶ PROPOSED CULVERT END SECTION
- PROPOSED SWALE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED DITCH
- CONC HDWL FOR P DRAIN
- ⊗ PROPOSED PIPE
- ⊗ PROPOSED STR.
- ⊗<sup>GR</sup> PROPOSED GRATE

FILE NAME =  
#FILE#

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

USER NAME = #USER#

PLOT SCALE = #SCALE#

PLOT DATE = #DATE#

DESIGNED - MDN

DRAWN - MDN

CHECKED - ACL

DATE - 06/29/12

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
I-70 CONNECTION

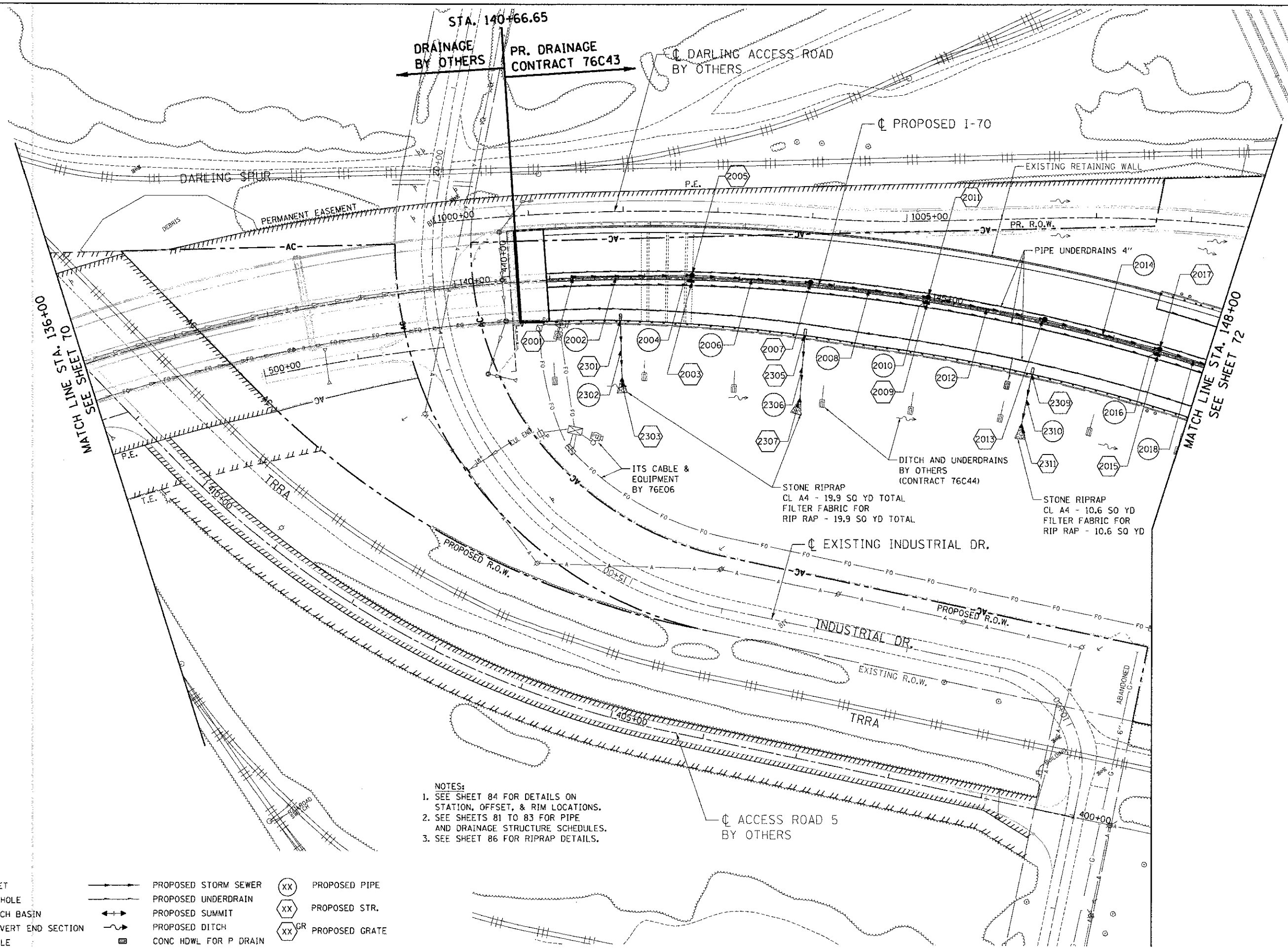
PROPOSED I-70  
PROPOSED DRAINAGE & UTILITIES  
STA. 123+00 TO STA. 136+00

SCALE: 1"=50'

SHEET NO. 1 OF 6 SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99B	82-1R	ST. CLAIR	294	70
CONTRACT NO. 76C43				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STA. 140+66.65  
 DRAINAGE BY OTHERS  
 PR. DRAINAGE CONTRACT 76C43

DARLING ACCESS ROAD BY OTHERS

PROPOSED I-70

EXISTING RETAINING WALL

PR. R.O.W.

PIPE UNDERDRAINS 4"

MATCH LINE STA. 148+00  
 SEE SHEET T2

MATCH LINE STA. 136+00  
 SEE SHEET T1

ITS CABLE & EQUIPMENT BY 76E06

STONE RIPRAP  
 CL A4 - 19.9 SQ YD TOTAL  
 FILTER FABRIC FOR  
 RIP RAP - 19.9 SQ YD TOTAL

DITCH AND UNDERDRAINS BY OTHERS (CONTRACT 76C44)

STONE RIPRAP  
 CL A4 - 10.6 SQ YD TOTAL  
 FILTER FABRIC FOR  
 RIP RAP - 10.6 SQ YD

EXISTING INDUSTRIAL DR.

INDUSTRIAL DR.

EXISTING R.O.W.

TRRA

ACCESS ROAD 5 BY OTHERS

- NOTES:
1. SEE SHEET 84 FOR DETAILS ON STATION, OFFSET, & RIM LOCATIONS.
  2. SEE SHEETS 81 TO 83 FOR PIPE AND DRAINAGE STRUCTURE SCHEDULES.
  3. SEE SHEET 86 FOR RIPRAP DETAILS.

**LEGEND**

- |     |                              |     |                       |                 |                |
|-----|------------------------------|-----|-----------------------|-----------------|----------------|
| ■   | PROPOSED INLET               | —●— | PROPOSED STORM SEWER  | ⊗               | PROPOSED PIPE  |
| ●   | PROPOSED MANHOLE             | —○— | PROPOSED UNDERDRAIN   | ⊗               | PROPOSED STR.  |
| ●   | PROPOSED CATCH BASIN         | —+— | PROPOSED SUMMIT       | ⊗ <sup>GR</sup> | PROPOSED GRATE |
| ▶   | PROPOSED CULVERT END SECTION | —~— | PROPOSED DITCH        |                 |                |
| —+— | PROPOSED SWALE               | —□— | CONC HDWL FOR P DRAIN |                 |                |

FILE NAME =  
 #P1/EL6  
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

USER NAME = #USER#  
 DESIGNED - MDN  
 DRAWN - MDN  
 CHECKED - TKL  
 DATE - 06/29/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED I-70**  
**PROPOSED DRAINAGE & UTILITIES**  
**STA. 136+00 TO STA. 148+00**  
 SCALE: 1"=50'  
 SHEET NO. 2 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	71
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	



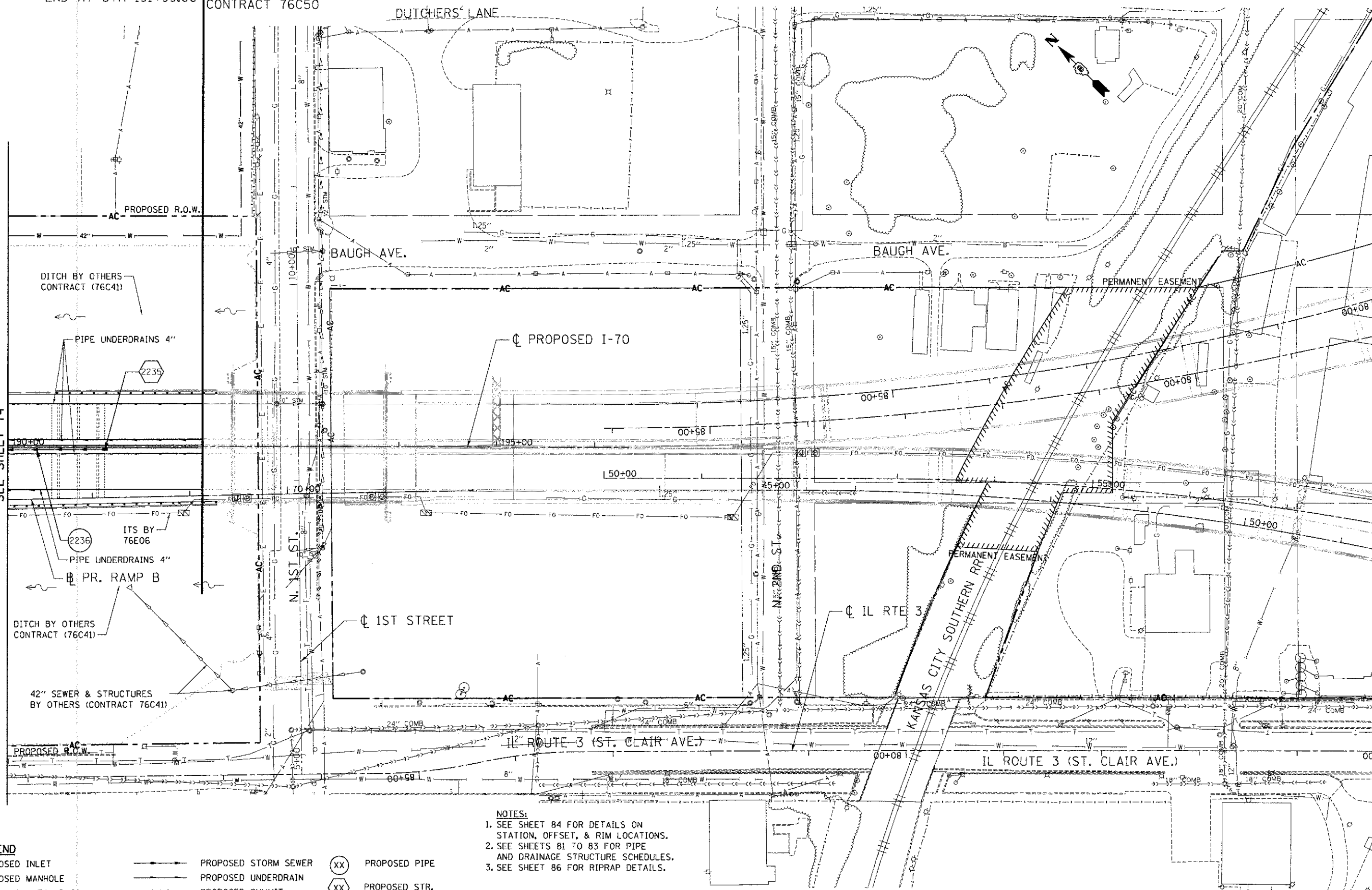






PR. DRAINAGE LIMITS END AT STA 191+99.00  
 PAVEMENT MARKING & SIGNING ONLY  
 DRAINAGE BY OTHERS CONTRACT 76C50

MATCH LINE STA. 190+00  
 SEE SHEET 74



- NOTES:**  
 1. SEE SHEET 84 FOR DETAILS ON STATION, OFFSET, & RIM LOCATIONS.  
 2. SEE SHEETS 81 TO 83 FOR PIPE AND DRAINAGE STRUCTURE SCHEDULES.  
 3. SEE SHEET 86 FOR RIPRAP DETAILS.

LEGEND		PROPOSED PIPE	
■	PROPOSED INLET	—●—	PROPOSED PIPE
●	PROPOSED MANHOLE	—○—	PROPOSED STR.
●	PROPOSED CATCH BASIN	—○— <sup>GR</sup>	PROPOSED GRATE
▶	PROPOSED CULVERTY END SECTION	—○—	
→	PROPOSED SWALE	—○—	
—○—	PROPOSED STORM SEWER		
—○—	PROPOSED UNDERDRAIN		
—○—	PROPOSED SUMMIT		
—○—	PROPOSED DITCH		
—○—	CONC HDWL FOR P DRAIN		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 I-70 CONNECTION

PROPOSED I-70  
 PROPOSED DRAINAGE & UTILITIES  
 STA. 190+00 TO TRI-LEVEL  
 SCALE: 1"=50'  
 SHEET NO. 6 OF 6 SHEETS  
 STA. TO STA.

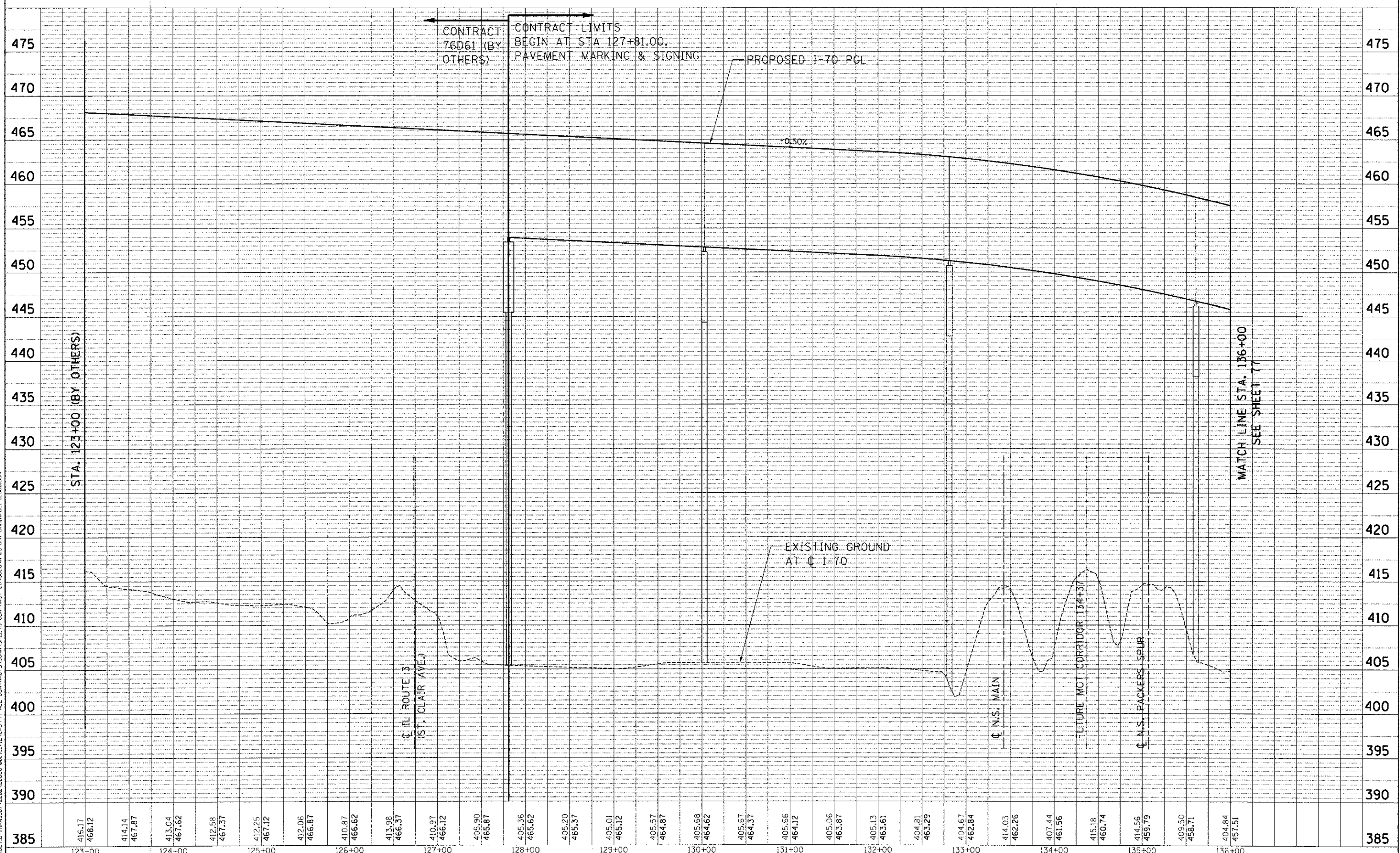
F.A.P. RTE. 99B	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C43	

FILE NAME = #FILE# USER NAME = #USER# DESIGNED - MDN REVISIONS - REVISIONS - DATE  
 #FILE# #USER# MDN MDN TKL TKL MDN MDN  
 PLOT SCALE = #SCALE# CHECKED - TKL REVISIONS - REVISIONS - DATE  
 PLOT DATE = #DATE# DATE - 06/29/12 REVISIONS - REVISIONS - DATE  
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

DATE	BY
DATE	BY

DATE	BY
DATE	BY

BONDHOLD  
 4-27-2012 9:48:07  
 \\FS-024\A\KVA\JLD-TRANS\_B7\2202\20869-001\CIVIL\CAU\98 ALL CONTRACT\5\CONNSHREETS\CONTRACT 08-03\CONNSHREETS\CONTRACT 08-03\DRAWING\I-70-DRAINAGE\I-70-DRAINAGE.DGN



385	416.17	414.14	413.04	412.58	412.25	412.06	410.87	413.98	410.97	405.90	405.36	405.20	405.01	405.57	405.68	405.67	405.66	405.06	405.13	404.81	404.67	414.03	407.44	415.18	414.56	409.50	404.84
	468.12	467.87	467.62	467.37	467.12	466.87	466.62	466.37	466.12	465.87	465.62	465.37	465.12	464.87	464.62	464.37	464.12	463.87	463.61	463.29	462.84	462.26	461.56	460.74	459.79	458.71	457.51
123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00														

FILE NAME =	USER NAME = #USER#
#FILE#	DESIGNED - MDN
	REVISIONS
	DATE - 06/29/12

DESIGNED - MDN	REVISIONS
DRAWN - MDN	REVISIONS
CHECKED - ACL	REVISIONS
DATE - 06/29/12	REVISIONS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED I-70**  
**DRAINAGE PROFILE**  
**STA. 123+00 TO STA. 136+00**

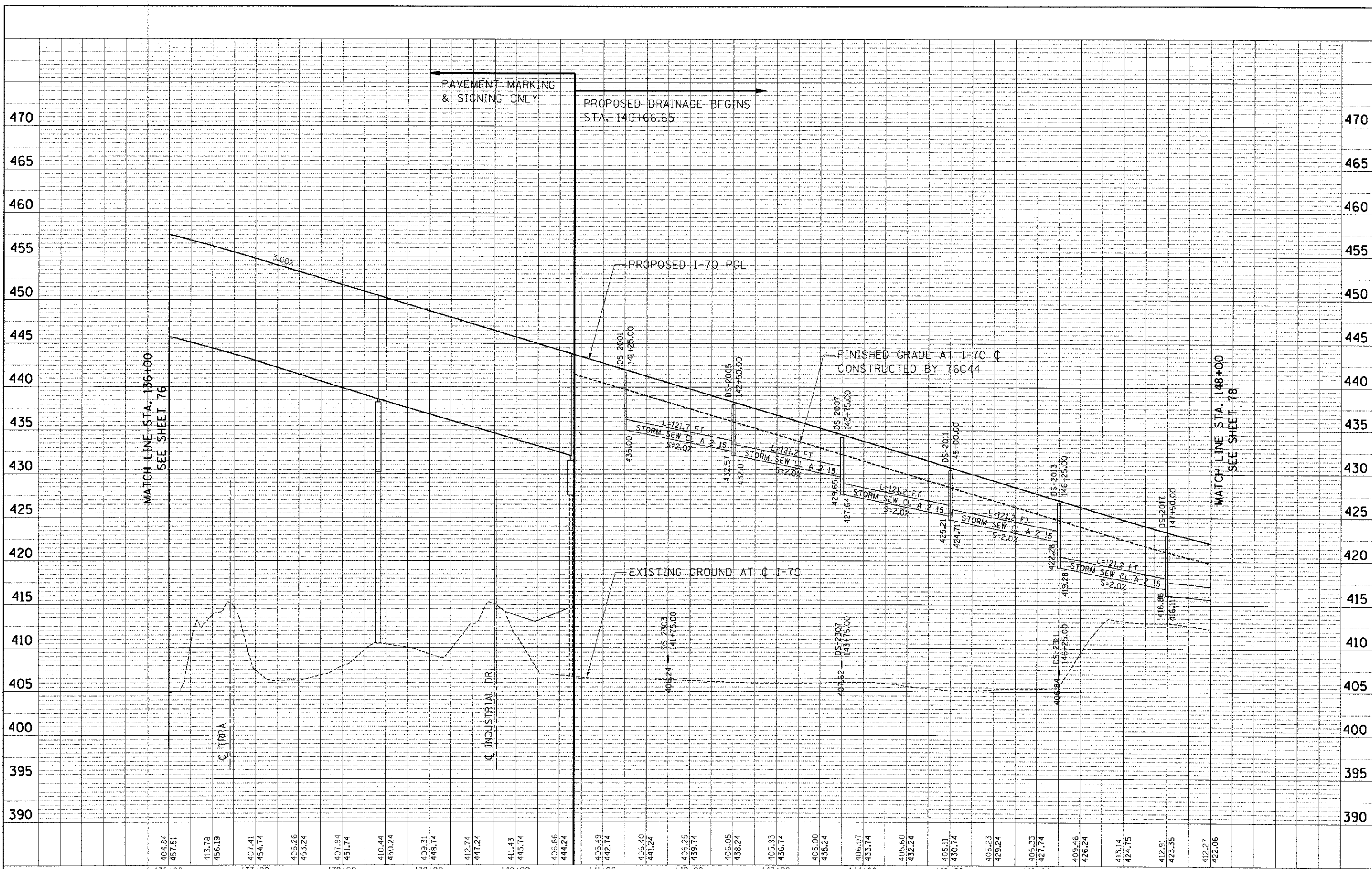
SCALE: HORIZ. 1"=50'     VERT. 1"=5'     STA.     TO STA.

F.A.P. RTE. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 76
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
PLANNING	
DESIGN	
CONSTRUCTION	
NO. OF WAY CHECKED	
NO. OF FILE NAME	

DATE	
BY	
PROFILE	
GRADES CHECKED	
NO. OF WAY CHECKED	
NO. OF FILE NAME	

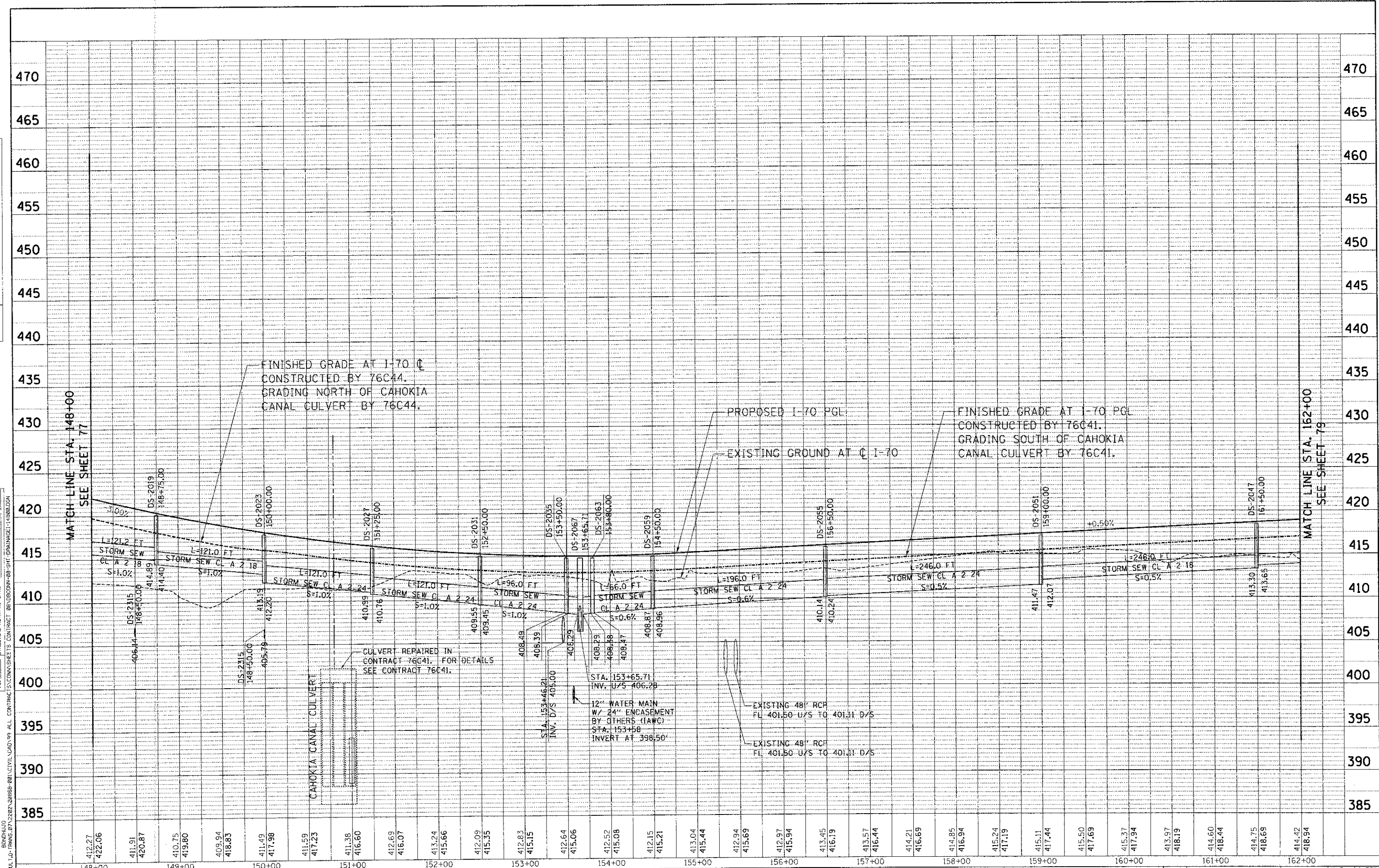
6-27-2012, 9:48:17 BONEHLUD \\FS-0044\RAVAVAL\10-TRANS\07-2202-20989-00\CIVIL\00\49 ALL CONTRACTS\CONNS\SHEETS\CONTRACT 08\08EDONN-08-SHT-DRAINAGE-13000.DGN



FILE NAME =	USER NAME = #USER#	DESIGNED - MDN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.	<b>PROPOSED I-70</b> <b>DRAINAGE PROFILE</b> STA. 136+00 TO STA. 148+00 F.A.P. RTE. 998 SECTION 82-IR COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 77 CONTRACT NO. 76C43
#FILE#	PLANT SCALE = #SCALE#	DRAWN - MDN	REVISED -		
	PLANT DATE = #DATE#	CHECKED - ACL	REVISED -		
		DATE - 06/29/12	REVISED -		

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

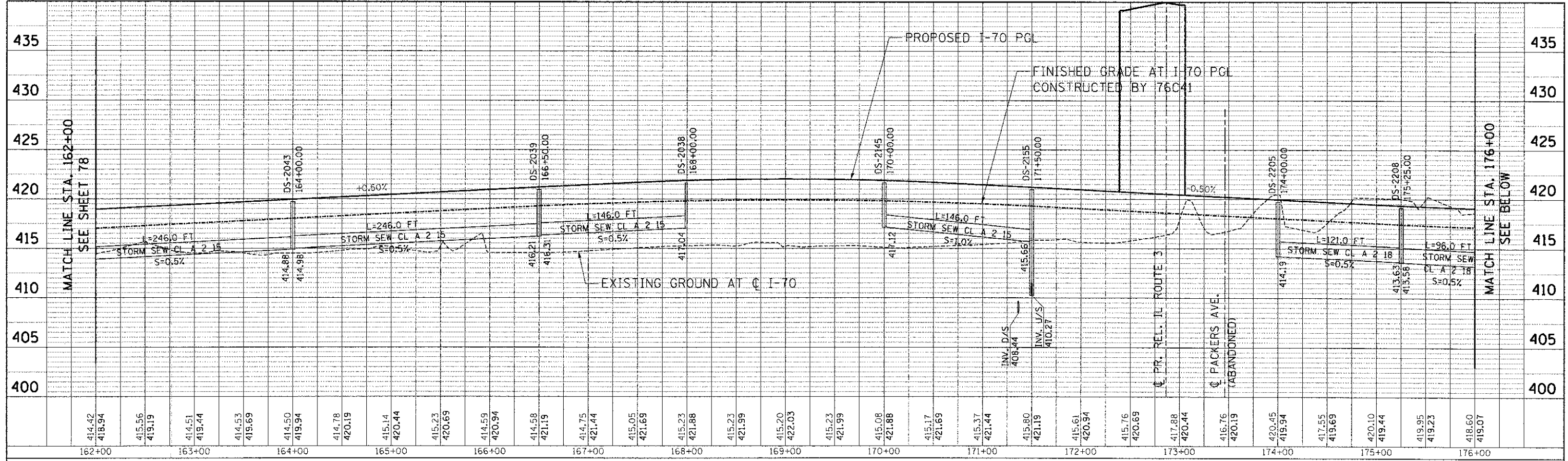
PROFILE	SURVEYED	BY	DATE
NOTED	RECEIVED		
NO.	STRUCTURE NOTATION		
	CONTRACT		



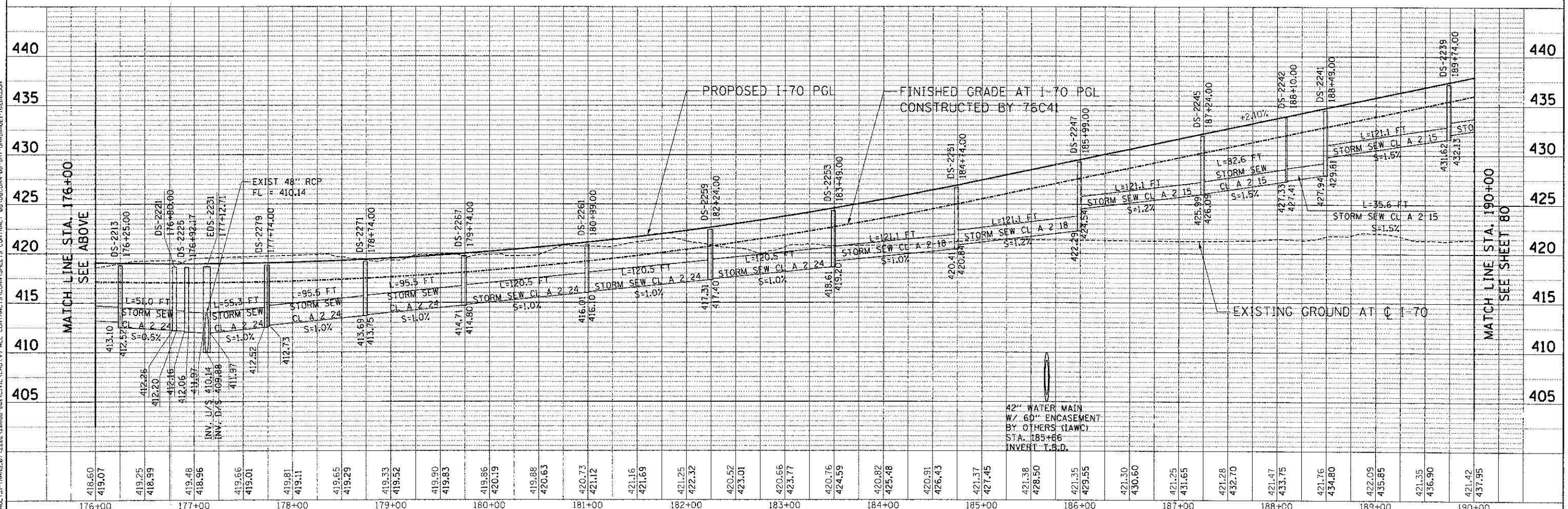
FILE NAME =	USER NAME = *USER*	DESIGNED - MDN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> I-70 CONNECTION	<b>PROPOSED I-70</b> <b>DRAINAGE PROFILE</b> <b>STA. 148+00 TO STA. 162+00</b>	F.A.P. 998	SECTION 82-1R	COUNTY ST. CLAIR	TOTAL SHEETS 294	SHEET NO. 78	
PLOT SCALE = *SCALE*	PLOT DATE = *DATE*	DRAWN - MDN	REVISED -			SCALE: HORIZ. 1"=50'	VERT. 1"=5'	CONTRACT NO. 76C43	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
DATE - 06/29/12		CHECKED - TKL	REVISED -			STA.	TO STA.				
		DATE - 06/29/12	REVISED -								

TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

PLAN	DATE
BY	
CHECKED	
DESIGNED	
NOTED	
NO.	



PROFILE	DATE
BY	
CHECKED	
DESIGNED	
NOTED	
NO.	



FILE NAME =  
 USER NAME = #USER#  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#

DESIGNED - MDN	REVISED -
DRAWN - MDN	REVISED -
CHECKED - TKL	REVISED -
DATE - 06/29/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 I-70 CONNECTION

**PROPOSED I-70 DRAINAGE PROFILE**  
**STA. 162+00 TO STA. 190+00**

SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	79
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C43

6-27-2012, 9:48:44  
 BONFIELD  
 \S:\FS-0844\MAIN\LD-TRANS-07-2282-28688-80\ACVIL\CRD\99 ALL CONTRACTS\CONNS\SHEETS\CONTRACT 08-08\CONNS-08-SHT-DRN\PAGE1-16200.DWG

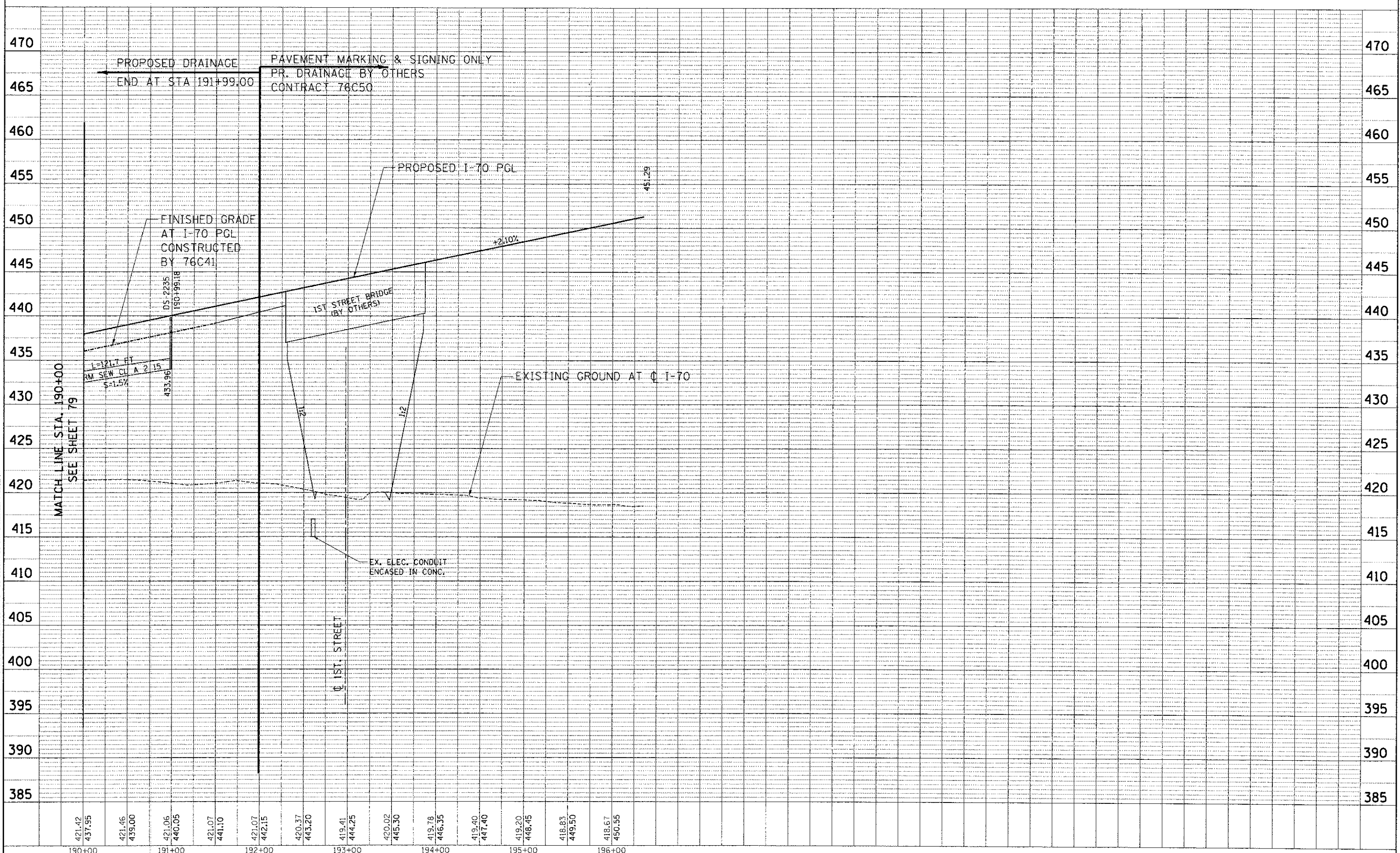


TENG & ASSOCIATES, INC.  
 ENGINEERS ARCHITECTS PLANNERS  
 CHICAGO, ILLINOIS

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NOTE BOOK		
	NO.		

6-27-2012, 9:46:58 BONDHURD  
 \\FS-2014\MYVAULT\TRANS\07\2202\28666-08\CIVIL\CAD\99 ALL CONTRACTS\CONNSHEETS\CONTRACT 08\08CONR-08-SHT-DRAINAGE1-19028.DGN



190+00	191+00	192+00	193+00	194+00	195+00	196+00
421.42 431.95	421.46 439.00	421.06 440.05	421.07 441.10	421.07 442.15	420.37 443.20	419.41 444.25
					420.02 445.30	419.78 446.35
					419.40 447.40	419.20 448.45
					418.83 449.50	418.67 450.55

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 I-70 CONNECTION

PROPOSED I-70  
 DRAINAGE PROFILE  
 STA. 190+00 TO TRI-LEVEL

SCALE: HORIZ. 1"=50' VERT. 1"=5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-IR	ST. CLAIR	294	80
CONTRACT NO. 76C43			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



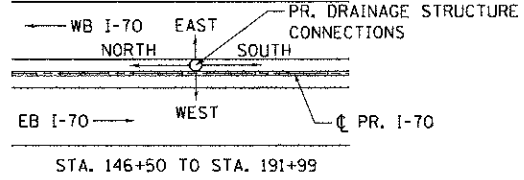
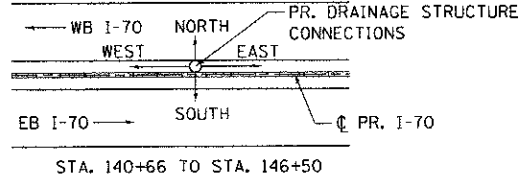
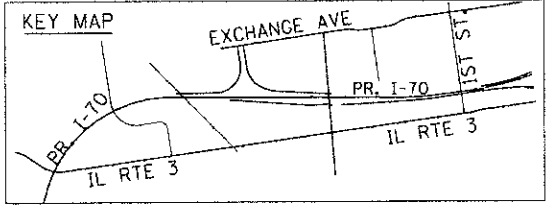
TENC & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

DESIGNED - MDN	REVISED -
DRAWN - MDN	REVISED -
CHECKED - TKL	REVISED -
DATE - 06/29/12	REVISED -



### STRUCTURE SCHEDULE

STRUCT. NO.	STRUCTURE DESCRIPTION	STATION	OFFSET	DIR.	PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (PIPE NO. - PIPE SIZE)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION
						NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST			
2001	INLETS TB T20F&G	141+25	1.5	LT	441.67	--	--	435.00	--	--	--	2002 - DIA 15"	--	71	YES	--
2003	INLETS TB T20F&G	142+50	1.5	RT	438.40	432.58	--	--	--	2004 - DIA 15"	--	--	--	71	YES	YES
2005	CB TA 4 DIA T20F&G	142+50	1.5	LT	437.92	--	432.57	432.07	432.57	--	2004 - DIA 15"	2006 - DIA 15"	2002 - DIA 15"	71	YES	YES
2007	CB TA 4 DIA T20F&G	143+75	1.5	LT	434.17	--	--	427.64	429.65	--	--	2008 - DIA 15"	2006 - DIA 15"	71	YES	--
2009	INLETS TB T20F&G	145+00	1.5	RT	430.84	425.23	--	--	--	2010 - DIA 15"	--	--	--	71	YES	YES
• 2011	CB TA 4 DIA T20F&G	145+00	1.5	LT	430.42	--	425.22	424.70	425.22	--	2010 - DIA 15"	2012 - DIA 15"	2008 - DIA 15"	71	YES	YES
• 2013	CB TA 4 DIA T20F&G	146+25	1.5	LT	426.67	--	419.28	--	422.28	--	2014 - DIA 15"	--	2012 - DIA 15"	71	YES	--
• 2015	INLETS TB T20F&G	147+50	1.5	RT	423.30	--	--	416.86	--	--	--	2016 - DIA 15"	--	71	YES	YES
• 2017	CB TA 4 DIA T20F&G	147+50	1.5	LT	423.02	416.86	416.11	--	416.85	2014 - DIA 15"	2018 - DIA 18"	--	2016 - DIA 15"	71	YES	YES
2019	CB TA 4 DIA T20F&G	148+75	1.5	LT	420.08	414.90	414.40	--	--	2018 - DIA 18"	2020 - DIA 18"	--	--	72	YES	--
2021	INLETS TB T20F&G	150+00	1.5	RT	417.74	--	--	413.16	--	--	--	2022 - DIA 15"	--	72	YES	YES
2023	CB TA 4 DIA T20F&G	150+00	1.5	LT	417.74	413.18	412.20	--	413.15	2020 - DIA 18"	2024 - DIA 24"	--	2022 - DIA 15"	72	YES	YES
2025	INLETS TB T20F&G	151+25	1.5	RT	416.08	--	--	411.62	--	--	--	2026 - DIA 15"	--	72	YES	--
2027	CB TA 4 DIA T20F&G	151+25	1.5	LT	416.08	410.98	410.76	--	411.60	2024 - DIA 24"	2028 - DIA 24"	--	2026 - DIA 15"	72	YES	--
2029	INLETS TB T20F&G	152+50	1.5	RT	415.11	--	--	410.32	--	--	--	2030 - DIA 15"	--	72	YES	--
2031	CB TA 4 DIA T20F&G	152+50	1.5	LT	415.11	409.55	409.45	--	410.30	2028 - DIA 24"	2032 - DIA 24"	--	2030 - DIA 15"	72	YES	--
2033	INLETS TB T20F&G	153+50	1.5	RT	414.82	--	--	409.26	--	--	--	2034 - DIA 15"	--	72	YES	--
2035	CB TA 4 DIA T20F&G	153+50	1.5	LT	414.82	408.49	408.39	--	409.24	2032 - DIA 24"	2036 - DIA 24"	--	2034 - DIA 15"	72	YES	--
2036	INLETS TB T20F&G	168+00	1.5	RT	421.64	--	--	417.15	--	--	--	2037 - DIA 15"	--	73	YES	--
2037	INLETS TB T20F&G	166+50	1.5	RT	420.95	--	--	416.32	--	--	--	2038 - DIA 15"	--	73	YES	YES
2038	CB TA 4 DIA T20F&G	168+00	1.5	LT	421.64	417.04	--	--	417.14	2039 - DIA 15"	--	--	2037 - DIA 15"	73	YES	--
2039	CB TA 4 DIA T20F&G	166+50	1.5	LT	420.95	416.21	416.31	--	416.31	2040 - DIA 15"	2039 - DIA 15"	--	2038 - DIA 15"	73	YES	YES
2041	INLETS TB T20F&G	164+00	1.5	RT	419.70	--	--	415.00	--	--	--	2042 - DIA 15"	--	73	YES	YES
2043	CB TA 4 DIA T20F&G	164+00	1.5	LT	419.70	414.88	414.98	--	414.98	2044 - DIA 15"	2040 - DIA 15"	--	2042 - DIA 15"	73	YES	YES
2045	INLETS TB T20F&G	161+50	1.5	RT	418.45	--	--	413.66	--	--	--	2046 - DIA 15"	--	72	YES	YES
2047	CB TA 4 DIA T20F&G	161+50	1.5	LT	418.45	413.30	413.65	--	413.65	2048 - DIA 18"	2044 - DIA 15"	--	2046 - DIA 15"	72	YES	YES
2049	INLETS TB T20F&G	159+00	1.5	RT	417.20	--	--	412.34	--	--	--	2050 - DIA 15"	--	72	YES	YES
2051	CB TA 4 DIA T20F&G	159+00	1.5	LT	417.20	411.47	412.07	--	412.32	2052 - DIA 24"	2048 - DIA 18"	--	2050 - DIA 15"	72	YES	YES
2053	INLETS TB T20F&G	156+50	1.5	RT	415.95	--	--	411.00	--	--	--	2054 - DIA 15"	--	72	YES	YES
2055	CB TA 4 DIA T20F&G	156+50	1.5	LT	415.95	410.14	410.24	--	410.99	2056 - DIA 24"	2052 - DIA 24"	--	2054 - DIA 15"	72	YES	YES
2057	INLETS TB T20F&G	154+50	1.5	RT	414.97	--	--	409.72	--	--	--	2058 - DIA 15"	--	72	YES	--
2059	CB TA 4 DIA T20F&G	154+50	1.5	LT	414.97	408.87	408.96	--	409.71	2060 - DIA 24"	2056 - DIA 24"	--	2058 - DIA 15"	72	YES	--
2061	INLETS TB T20F&G	153+80	1.5	RT	414.82	--	--	409.24	--	--	--	2062 - DIA 15"	--	72	YES	--
2063	CB TA 4 DIA T20F&G	153+80	1.5	LT	414.82	408.38	408.47	--	409.22	2064 - DIA 24"	2060 - DIA 24"	--	2062 - DIA 15"	72	YES	--
2065	INLETS TB T20F&G	153+66	1.5	RT	414.81	--	--	409.05	--	--	--	2066 - DIA 15"	--	72	YES	YES
2067	MAN TA 6 DIA T20F&G	153+66	1.5	LT	414.81	408.28	408.28	406.28	409.04	2036 - DIA 24"	2064 - DIA 24"	2068 - DIA 36"	2066 - DIA 15"	72	YES	YES
2069	PRC FLAR END SEC 36	153+46	134.5	LT	--	--	--	--	405.00	--	--	--	2068 - DIA 36"	72	--	--
2071	INLETS TB T1F OL	153+68	45.5	LT	414.72	--	--	406.35	--	--	--	2072 - DIA 15"	--	72	YES	YES
2073	PRC FLAR END SEC 15	153+68	136.7	LT	--	--	--	--	405.00	--	--	--	2072 - DIA 15"	72	--	--
2081	INLETS TB T1F OL	168+40	49.4	LT	421.63	--	--	409.63	--	--	--	2082 - DIA 15"	--	73	YES	--
2083	PRC FLAR END SEC 15	168+45	129.4	LT	--	--	--	--	408.45	--	--	--	2082 - DIA 15"	73	--	--
2100	INLETS TB T24F&G	168+00	52.9	RT	421.25	417.41	--	--	--	2100 - DIA 15"	--	--	--	73	YES	--
2101	CB TA 4 DIA T24F&G	166+50	55.9	RT	420.50	416.59	416.68	--	--	2102 - DIA 15"	2100 - DIA 15"	--	--	73	YES	YES
2103	CB TA 4 DIA T24F&G	165+25	58.4	RT	419.83	415.52	415.62	--	--	2103 - DIA 15"	2102 - DIA 15"	--	--	73	YES	--
2104	CB TA 4 DIA T1F OL	164+50	66.0	RT	419.30	414.71	414.81	--	--	2104 - DIA 15"	2103 - DIA 15"	--	--	73	YES	--
2105	INLETS TB T24F&G	163+85	61.2	RT	419.19	--	--	414.36	--	--	--	2106 - DIA 15"	--	73	YES	--
2107	CB TA 4 DIA T24F&G	164+00	60.9	RT	419.27	414.25	414.25	--	414.11	2106 - DIA 15"	2104 - DIA 15"	--	2108 - DIA 18"	73	YES	--
2109	INLETS TB T20F&G	163+10	84.8	RT	418.19	--	--	414.28	--	--	--	2110 - DIA 15"	--	73	YES	--
2111	CB TA 4 DIA T20F&G	163+98	90.5	RT	418.56	413.85	--	413.85	413.75	2110 - DIA 15"	--	2108 - DIA 18"	2112 - DIA 18"	73	YES	--
2113	PRC FLAR END SEC 18	163+97	119.7	RT	--	--	--	413.48	--	--	--	2112 - DIA 18"	--	73	--	--
2145	CB TA 4 DIA T20F&G	170+00	1.5	LT	421.64	--	417.12	--	417.22	--	2148 - DIA 15"	--	2146 - DIA 15"	73	YES	--
2147	INLETS TB T20F&G	170+00	1.5	RT	421.64	--	--	417.25	--	--	--	2146 - DIA 15"	--	73	YES	--
2149	INLETS TB T24F&G	170+00	48.9	RT	421.38	--	416.75	--	--	--	2150 - DIA 15"	--	--	73	YES	--
2151	CB TA 4 DIA T24F&G	171+50	45.5	RT	420.83	415.28	--	415.19	--	2150 - DIA 15"	--	2152 - DIA 15"	--	73	YES	YES
2153	CB TA 4 DIA T20F&G	171+50	1.5	RT	420.95	--	--	414.72	414.81	--	--	2154 - DIA 15"	2152 - DIA 15"	73	YES	YES
2155	CB TA 4 DIA T20F&G	171+50	1.5	LT	420.95	415.66	--	410.27	414.69	2148 - DIA 15"	--	2156 - DIA 15"	2154 - DIA 15"	73	YES	YES
2157	PRC FLAR END SEC 15	171+36	126.5	LT	--	--	--	--	408.44	--	--	--	2156 - DIA 15"	73	--	--
2199	INLETS TB T24F&G	172+75	45.5	RT	420.21	--	415.72	--	--	--	2200 - DIA 15"	--	--	73	YES	YES
2201	CB TA 4 DIA T24F&G	174+00	45.5	RT	419.58	415.11	--	415.01	--	2200 - DIA 15"	--	2202 - DIA 15"	--	73	YES	YES
2203	CB TA 4 DIA T20F&G	174+00	1.5	RT	419.70	--	--	414.60	414.71	--	--	2204 - DIA 15"	2202 - DIA 15"	73	YES	YES

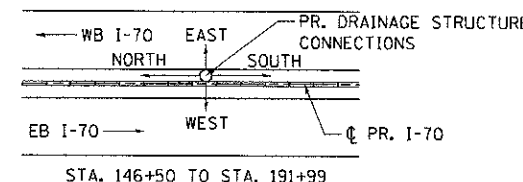
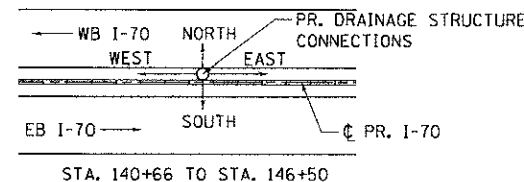
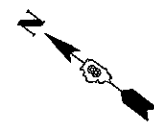
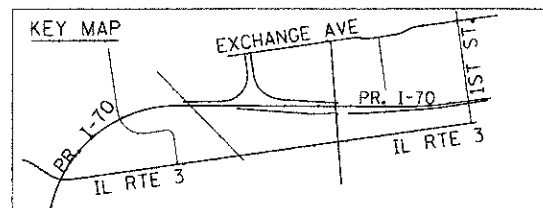


NOTE:  
SEE SHEET 84 FOR DETAILS ON STATION, OFFSET, AND RIM ELEVATION CALLOUT LOCATIONS

• = SEE PLAN VIEW FOR ACTUAL PIPE CONNECTION DIRECTIONS

STRUCTURE SCHEDULE

STRUCT. NO.	STRUCTURE DESCRIPTION	STATION	OFFSET	DIR.	PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (PIPE NO. - PIPE SIZE)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	
						NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
2205	CB TA 4 DIA T20F&G	174+00	1.5	LT	419.70	--	414.18	--	414.59	--	2206 - DIA 18"	--	2204 - DIA 15"	73	YES	YES	
2206	INLETS TB T20F&G	175+25	1.5	RT	419.09	--	--	413.90	--	--	--	2207 - DIA 15"	--	--	73	YES	--
2207	INLETS TB T24F&G	175+25	45.5	RT	418.97	--	414.48	--	--	--	2208 - DIA 15"	--	--	73	YES	YES	
2208	CB TA 4 DIA T20F&G	175+25	1.5	LT	419.09	413.64	413.58	--	413.88	2206 - DIA 18"	2209 - DIA 18"	--	2207 - DIA 15"	73	YES	--	
2209	CB TA 4 DIA T24F&G	176+25	45.5	RT	418.66	414.00	--	413.89	--	2208 - DIA 15"	--	--	2210 - DIA 15"	74	YES	YES	
2211	CB TA 4 DIA T20F&G	176+25	1.5	RT	418.78	--	--	413.42	413.51	--	--	--	2212 - DIA 15"	74	YES	--	
2213	CB TA 4 DIA T20F&G	176+25	1.5	LT	418.78	413.10	412.52	--	413.38	2209 - DIA 18"	2214 - DIA 24"	--	2210 - DIA 15"	74	YES	--	
2215	INLETS TB T24F&G	176+80	45.5	RT	418.61	--	413.11	--	--	--	2216 - DIA 15"	--	--	74	YES	YES	
2217	CB TA 4 DIA T24F&G	176+92	45.5	RT	418.60	413.02	412.92	--	--	2216 - DIA 15"	2218 - DIA 15"	--	--	74	YES	YES	
2219	INLETS TB T20F&G	176+80	1.5	RT	418.63	--	--	413.02	--	--	--	--	2220 - DIA 15"	74	YES	--	
2221	CB TA 4 DIA T20F&G	176+80	1.5	LT	418.63	412.26	412.20	--	413.01	2214 - DIA 24"	2222 - DIA 24"	--	2220 - DIA 15"	74	YES	--	
2223	INLETS TB T20F&G	176+92	1.5	RT	418.60	--	--	412.92	--	--	--	2224 - DIA 15"	--	74	YES	--	
2225	CB TA 4 DIA T20F&G	176+92	1.5	LT	418.60	412.16	412.06	--	412.91	2222 - DIA 24"	2226 - DIA 24"	--	2224 - DIA 15"	74	YES	--	
2235	INLETS TB T20F&G	190+99	1.5	RT	439.79	433.96	--	--	--	2236 - DIA 15"	--	--	--	75	YES	--	
2237	INLETS TB T20F&G	189+74	1.5	LT	437.16	--	--	--	432.14	--	--	--	2238 - DIA 15"	74	YES	YES	
2239	CB TA 4 DIA T20F&G	189+74	1.5	RT	437.16	431.62	432.13	432.13	--	2240 - DIA 15"	2236 - DIA 15"	2238 - DIA 15"	--	74	YES	YES	
2241	CB TA 4 DIA T20F&G	188+49	1.5	RT	434.54	--	429.81	--	427.94	--	2240 - DIA 15"	--	2242 - DIA 15"	74	YES	--	
2242	INLETS TB T1F CL	188+10	6.0	RT	433.88	427.33	--	427.41	--	2243 - DIA 15"	--	2242 - DIA 15"	--	74	--	YES	
2243	INLETS TB T20F&G	187+24	1.5	LT	431.91	--	--	--	426.10	--	--	--	2244 - DIA 15"	74	YES	YES	
2245	CB TA 4 DIA T20F&G	187+24	1.5	RT	431.91	425.99	426.09	426.09	--	2246 - DIA 15"	2243 - DIA 15"	2244 - DIA 15"	--	74	YES	YES	
2247	CB TA 4 DIA T20F&G	185+99	1.5	RT	429.29	422.29	424.54	--	--	2248 - DIA 18"	2246 - DIA 15"	--	--	74	YES	--	
2249	INLETS TB T20F&G	184+74	1.5	LT	426.67	--	--	--	421.10	--	--	--	2250 - DIA 15"	74	YES	YES	
2251	CB TA 4 DIA T20F&G	184+74	1.5	RT	426.67	420.41	420.84	421.09	--	2252 - DIA 18"	2248 - DIA 18"	2250 - DIA 15"	--	74	YES	YES	
2253	CB TA 4 DIA T20F&G	183+49	1.5	RT	424.33	418.60	419.20	--	--	2254 - DIA 24"	2252 - DIA 18"	--	--	74	YES	--	
2255	INLETS TB T20F&G	182+24	1.5	LT	422.40	--	--	--	417.92	--	--	--	2256 - DIA 15"	74	YES	YES	
2257	INLETS TB T24F&G	182+14	55.4	RT	422.18	--	--	417.79	--	--	--	2258 - DIA 15"	--	74	YES	YES	
2259	CB TA 5 DIA T20F&G	182+24	1.5	RT	422.40	417.30	417.40	417.90	417.60	2260 - DIA 24"	2254 - DIA 24"	2256 - DIA 15"	2258 - DIA 15"	74	YES	YES	
2261	CB TA 4 DIA T20F&G	180+99	1.5	RT	420.87	416.00	416.10	--	--	2262 - DIA 24"	2260 - DIA 24"	--	--	74	YES	--	
2263	INLETS TB T20F&G	179+74	1.5	LT	419.76	--	--	--	415.26	--	--	--	2264 - DIA 15"	74	YES	YES	
2264	INLETS TB T24F&G	180+74	49.8	RT	420.33	416.31	--	--	--	2265 - DIA 15"	--	--	--	74	YES	--	
2265	CB TA 4 DIA T24F&G	179+74	45.5	RT	419.64	--	415.83	415.74	--	--	2265 - DIA 15"	2266 - DIA 15"	--	74	YES	YES	
2267	CB TA 5 DIA T20F&G	179+74	1.5	RT	419.76	414.70	414.80	415.25	415.55	2268 - DIA 24"	2262 - DIA 24"	2264 - DIA 15"	2266 - DIA 15"	74	YES	YES	
2269	INLETS TB T20F&G	178+74	1.5	LT	419.15	--	--	--	414.52	--	--	--	2270 - DIA 15"	74	YES	--	
2271	CB TA 4 DIA T20F&G	178+74	1.5	RT	419.15	413.68	413.75	414.50	--	2272 - DIA 24"	2268 - DIA 24"	2270 - DIA 15"	--	74	YES	--	
2273	INLETS TB T24F&G	178+74	45.5	RT	419.03	414.92	--	--	--	2274 - DIA 15"	--	--	--	74	YES	YES	
2275	CB TA 4 DIA T24F&G	177+74	45.5	RT	418.69	--	413.95	413.85	--	--	2274 - DIA 15"	2276 - DIA 15"	--	74	YES	YES	
2277	CB TA 5 DIA T20F&G	177+74	1.5	RT	418.81	--	412.73	412.63	413.48	--	2272 - DIA 24"	2278 - DIA 24"	2276 - DIA 15"	74	YES	--	
2279	CB TA 5 DIA T20F&G	177+74	1.5	LT	418.81	412.52	--	--	412.60	2280 - DIA 24"	--	--	2278 - DIA 24"	74	YES	--	
2301	TY F INLET BOX 610001	141+75	44.5	RT	438.49	--	435.83	--	--	--	2302 - DIA 12"	--	--	71	YES	--	
2303	MET END SEC 12	141+75	107.0	RT	--	409.26	--	--	--	2302 - DIA 12"	--	--	--	71	--	--	
2305	TY F INLET BOX 610001	143+75	52.7	RT	432.05	--	429.39	--	--	--	2306 - DIA 12"	--	--	71	YES	--	
2307	MET END SEC 12	143+75	120.5	RT	--	408.66	--	--	--	2306 - DIA 12"	--	--	--	71	--	--	
2309	TY F INLET BOX 610001	146+25	55.5	RT	424.40	--	--	--	421.73	--	--	--	2310 - DIA 12"	71	YES	--	
2311	MET END SEC 12	146+25	109.5	RT	--	--	--	407.91	--	--	--	--	--	71	--	--	
2313	TY F INLET BOX 610001	148+50	55.5	RT	418.85	--	--	--	416.18	--	--	--	2314 - DIA 12"	72	YES	--	
2315	MET END SEC 12	148+50	96.8	RT	--	--	--	407.23	--	--	--	--	--	72	--	--	
2317	TY F INLET BOX 610001	150+00	55.5	RT	416.96	--	--	--	414.31	--	--	--	2318 - DIA 12"	72	YES	--	
2319	MET END SEC 12	150+00	96.2	RT	--	--	--	405.79	--	--	--	--	--	72	--	--	
2069GR	GRATING-C FL END S 36	153+46	134.5	LT	--	--	--	--	--	--	--	--	--	72	--	--	



NOTE:  
SEE SHEET 84 FOR DETAILS ON STATION, OFFSET, AND RIM ELEVATION CALLOUT LOCATIONS

\* = SEE PLAN VIEW FOR ACTUAL PIPE CONNECTION DIRECTIONS

FILE NAME = USER NAME = #USER# DESIGNED - JB REVISED - DRAWN - JB REVISED - CHECKED - ACL REVISED - DATE - 06/29/12 REVISED -  
 #FILE# PLOT SCALE = #SCALE# PLOT DATE = #DATE#  
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS  
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION  
 DRAINAGE SCHEDULE 2  
 SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 76C43

PIPE SCHEDULE								
PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TBF (CU YD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
2002	STORM SEW CL A 2 15	DIA 15"	122	2.00	39.1	71	2001	2005
2004	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	71	2003	2005
2006	STORM SEW CL A 2 15	DIA 15"	121	2.00	27.4	71	2005	2007
2008	STORM SEW CL A 2 15	DIA 15"	121	2.00	37.0	71	2007	2011
2010	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	71	2009	2011
2012	STORM SEW CL A 2 15	DIA 15"	121	2.00	25.5	71	2011	2013
2014	STORM SEW CL A 2 15	DIA 15"	121	2.00	49.8	71	2013	2017
2016	STORM SEW CL A 2 15	DIA 15"	3	0.50	1.1	71	2015	2017
2018	STORM SEW CL A 2 18	DIA 18"	121	1.00	40.0	71	2017	2019
2020	STORM SEW CL A 2 18	DIA 18"	121	1.00	25.7	72	2019	2023
2022	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	72	2021	2023
2024	STORM SEW CL A 2 24	DIA 24"	121	1.00	25.8	72	2023	2027
2026	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.4	72	2025	2027
2028	STORM SEW CL A 2 24	DIA 24"	121	1.00	27.9	72	2027	2031
2030	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	72	2029	2031
2032	STORM SEW CL A 2 24	DIA 24"	96	1.00	30.0	72	2031	2035
2034	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	72	2033	2035
2036	STORM SEW CL A 2 24	DIA 24"	11	1.00	4.1	72	2035	2067
2037	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.4	73	2036	2038
2038	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	73	2037	2039
2039	STORM SEW CL A 2 15	DIA 15"	146	0.50	23.5	73	2038	2039
2040	STORM SEW CL A 2 15	DIA 15"	246	0.50	42.8	73	2039	2043
2042	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	73	2041	2043
2044	STORM SEW CL A 2 15	DIA 15"	246	0.50	45.1	73	2043	2047
2046	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	72	2045	2047
2048	STORM SEW CL A 2 18	DIA 18"	246	0.50	52.9	72	2047	2051
2050	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.6	72	2049	2051
2052	STORM SEW CL A 2 24	DIA 24"	246	0.50	66.9	72	2051	2055
2054	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.6	72	2053	2055
2056	STORM SEW CL A 2 24	DIA 24"	196	0.60	58.9	72	2055	2059
2058	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.7	72	2057	2059
2060	STORM SEW CL A 2 24	DIA 24"	66	0.60	22.9	72	2059	2063
2062	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	72	2061	2063
2064	STORM SEW CL A 2 24	DIA 24"	9	1.00	3.6	72	2063	2067
2066	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.9	72	2065	2067
2068	STORM SEW CL A 2 36	DIA 36"	128	1.00	63.1	72	2067	2069
2072	STORM SEW CL A 2 15	DIA 15"	90	1.50	23.3	72	2071	2073
2082	STORM SEW CL A 2 15	DIA 15"	79	1.50	45.4	73	2081	2083
2100	STORM SEW CL A 1 15	DIA 15"	147	0.50	10.2	73	2100	2101
2102	STORM SEW CL A 1 15	DIA 15"	121	0.80	11.7	73	2101	2103
2103	STORM SEW CL A 2 15	DIA 15"	71	1.00	9.7	73	2103	2104
2104	STORM SEW CL A 2 15	DIA 15"	46	1.00	8.4	73	2104	2107
2106	STORM SEW CL A 2 15	DIA 15"	12	1.00	2.3	73	2105	2107
2108	STORM SEW CL A 2 18	DIA 18"	26	1.00	4.9	73	2107	2111
2110	STORM SEW CL A 1 15	DIA 15"	85	0.50	10.7	73	2109	2111
2112	STORM SEW CL A 2 18	DIA 18"	27	1.00	0.5	73	2111	2113
2146	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.4	73	2147	2145
2148	STORM SEW CL A 2 15	DIA 15"	146	1.00	28.3	73	2145	2155
2150	STORM SEW CL A 2 15	DIA 15"	147	1.00	31.6	73	2149	2151
2152	STORM SEW CL A 2 15	DIA 15"	38	1.00	11.7	73	2151	2153
2154	STORM SEW CL A 2 15	DIA 15"	3	1.00	1.0	73	2153	2155
2156	STORM SEW CL A 2 15	DIA 15"	122	1.50	76.0	73	2155	2157
2200	STORM SEW CL A 2 15	DIA 15"	122	0.50	17.6	73	2199	2201
2202	STORM SEW CL A 2 15	DIA 15"	38	0.80	6.8	73	2201	2203
2204	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.7	73	2203	2205
2206	STORM SEW CL A 2 18	DIA 18"	121	0.46	31.3	73	2205	2208
2207	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.7	73	2206	2208
2208	STORM SEW CL A 2 15	DIA 15"	97	0.50	15.0	73	2207	2209
2209	STORM SEW CL A 2 18	DIA 18"	96	0.50	26.1	73	2208	2213
2210	STORM SEW CL A 2 15	DIA 15"	38	1.00	7.9	74	2209	2211
2212	STORM SEW CL A 2 15	DIA 15"	3	1.00	0.7	74	2211	2213
2214	STORM SEW CL A 2 24	DIA 24"	51	0.50	18.4	74	2213	2221
2216	STORM SEW CL A 2 15	DIA 15"	9	1.00	2.3	74	2215	2217
2218	STORM SEW CL A 2 15	DIA 15"	16	1.00	4.7	74	2217	ES
2220	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	74	2219	2221

PIPE SCHEDULE								
PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	TBF (CU YD)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
2222	STORM SEW CL A 2 24	DIA 24"	8	0.50	3.1	74	2221	2225
2224	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.9	74	2223	2225
2226	STORM SEW CL A 2 24	DIA 24"	15	0.60	6.1	74	2225	ES
2236	STORM SEW CL A 2 15	DIA 15"	122	1.50	31.1	75	2235	2239
2238	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.6	74	2237	2239
2240	STORM SEW CL A 2 15	DIA 15"	121	1.50	26.7	74	2239	2241
2242	STORM SEW CL A 2 15	DIA 15"	36	1.50	13.6	74	2241	2242
2243	STORM SEW CL A 2 15	DIA 15"	83	1.50	28.3	74	2242	2245
2244	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.9	74	2243	2245
2246	STORM SEW CL A 2 15	DIA 15"	121	1.20	29.5	74	2245	2247
2248	STORM SEW CL A 2 18	DIA 18"	121	1.20	45.5	74	2247	2251
2250	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.8	74	2249	2251
2252	STORM SEW CL A 2 18	DIA 18"	121	1.00	34.5	74	2251	2253
2254	STORM SEW CL A 2 24	DIA 24"	121	1.00	26.4	74	2253	2259
2256	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.4	74	2255	2259
2258	STORM SEW CL A 2 15	DIA 15"	48	0.40	7.6	74	2257	2259
2260	STORM SEW CL A 2 24	DIA 24"	121	1.00	18.8	74	2259	2261
2262	STORM SEW CL A 2 24	DIA 24"	121	1.00	18.4	74	2261	2267
2264	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.4	74	2263	2267
2265	STORM SEW CL A 1 15	DIA 15"	97	0.50	7.6	74	2264	2265
2266	STORM SEW CL A 1 15	DIA 15"	37	0.50	3.5	74	2265	2267
2268	STORM SEW CL A 2 24	DIA 24"	96	1.00	19.0	74	2267	2271
2270	STORM SEW CL A 2 15	DIA 15"	3	0.50	0.5	74	2269	2271
2272	STORM SEW CL A 2 24	DIA 24"	96	1.00	26.7	74	2271	2277
2274	STORM SEW CL A 2 15	DIA 15"	97	1.00	13.4	74	2273	2275
2276	STORM SEW CL A 2 15	DIA 15"	37	1.00	8.0	74	2275	2277
2278	STORM SEW CL A 2 24	DIA 24"	3	1.00	1.0	74	2277	2279
2280	STORM SEW CL A 2 24	DIA 24"	55	1.00	21.3	74	2279	ES
2302	PIPE DRAINS 12	DIA 12"	70	--	0.0	71	2301	2303
2306	PIPE DRAINS 12	DIA 12"	76	--	0.0	71	2305	2307
2310	PIPE DRAINS 12	DIA 12"	60	--	0.0	71	2309	2311
2314	PIPE DRAINS 12	DIA 12"	46	--	0.0	72	2313	2315
2318	PIPE DRAINS 12	DIA 12"	46	--	0.0	72	2317	2319

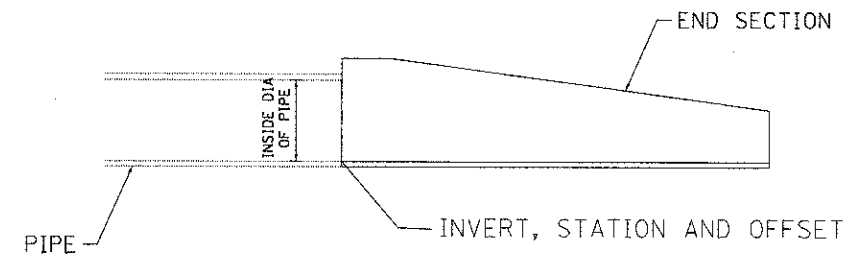
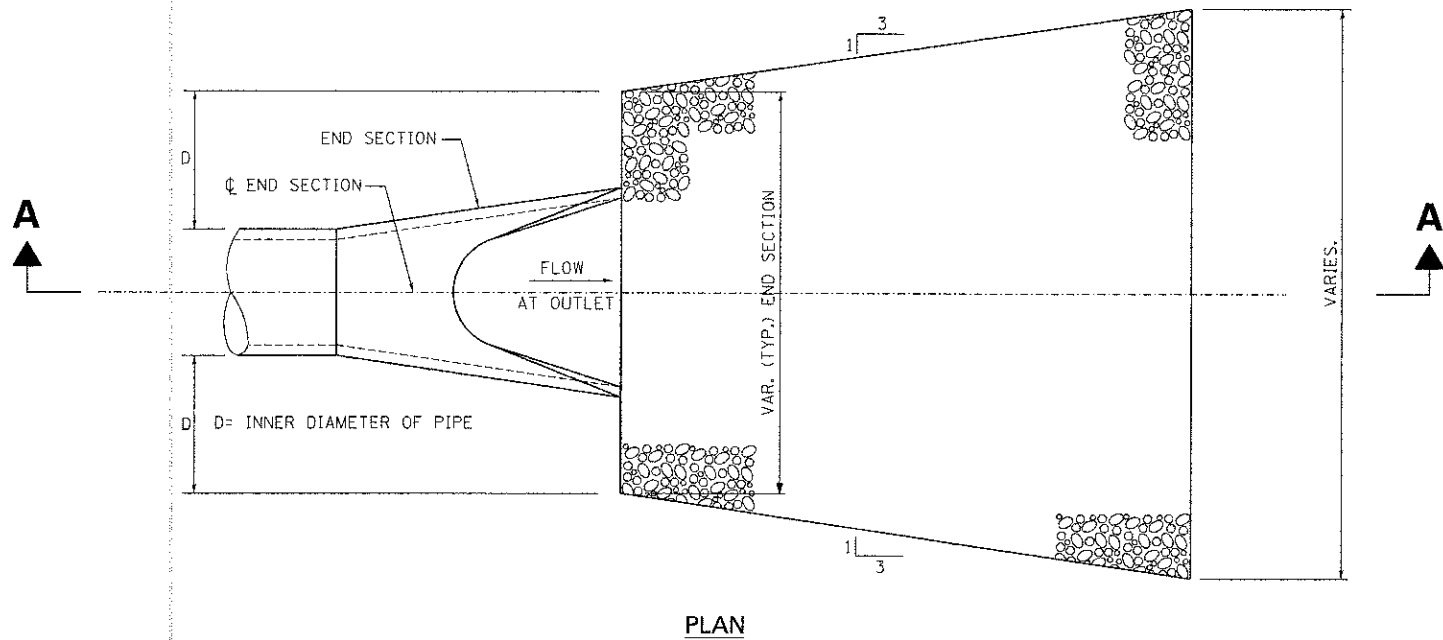
ES = EXISTING STRUCTURE

FILE NAME = \\F:\9004\AV\VAULT\PROJECTS\CONTRACTS\CONTRACT\_08\DRINKING\_WATER\CONNECTIONS\PIPE\_SCHEDULE\_10000.DWG  
 USER NAME = #USER#  
 DESIGNED - JB  
 REVISIONS -  
 DRAWN - JB  
 CHECKED - ACL  
 DATE - 06/29/12  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 I-70 CONNECTION  
 SCALE: N.T.S.  
 SHEET NO. 3 OF 3 SHEETS  
 STA. TO STA.  
 F.A.P. RTE. 998  
 SECTION 82-1R  
 COUNTY ST. CLAIR  
 TOTAL SHEETS 294  
 SHEET NO. 83  
 CONTRACT NO. 76C43  
 FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT

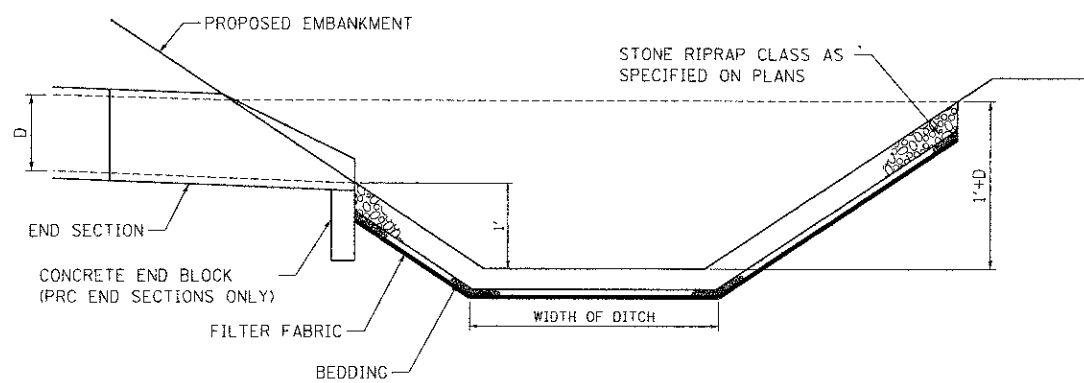
	USER NAME = #USER# PLLOT SCALE = #SCALE# PLLOT DATE = #DATE#	DESIGNED - JB DRAWN - JB CHECKED - ACL DATE - 06/29/12	REVISIONS - REVISIONS - REVISIONS - REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION	DRAINAGE PIPE SCHEDULE	F.A.P. RTE. 998 SECTION 82-1R COUNTY ST. CLAIR TOTAL SHEETS 294 SHEET NO. 83 CONTRACT NO. 76C43 FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT
	SCALE: N.T.S.      SHEET NO. 3 OF 3 SHEETS      STA. TO STA.					





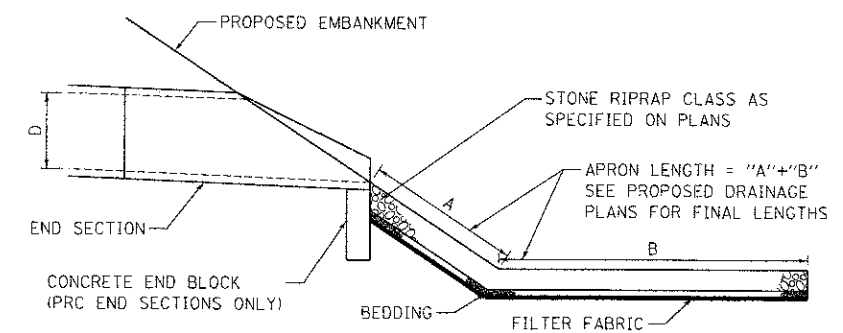


NOTE:  
ALL END SECTION STATIONS, OFFSETS, AND INVERTS ARE MEASURED FROM WHERE THE PIPE MEETS THE END SECTION



SECTION A-A  
DITCH SECTION

RIPRAP APRON



SECTION A-A  
DETENTION BASIN

RIPRAP APRON

NOTE:  
APRON WIDTH SHALL BE ADJUSTED TO MATCH CULVERT END SECTION WIDTH.

ADDRESS: 916 PAPER DRIVE, BONDHURST, ILLINOIS 62208-1202  
 6-27-2012, 9:45:33 AM  
 FILE: 48444\HW\VAULT\ID-TRANS\07122012\20868-80\VAULT\ID-TRANS\07122012\20868-80\VAULT\ID-TRANS\07122012\20868-80-SHT-DRAINAGE.DWG  
 USER: BONDHURST

FILE NAME =  
 #FILE#  
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

USER NAME = #USER#  
 #FILE#  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#

DESIGNED - MDN  
 DRAWN - SB  
 CHECKED - TKL  
 DATE - 06/29/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

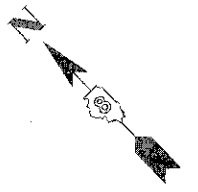
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 I-70 CONNECTION

DRAINAGE DETAILS  
 END SECTION & RIPRAP APRON

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1R	ST. CLAIR	294	86
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 76C43



UNKNOWN	ABANDONED SANITARY
→→→→→	FORCE MAIN
→→→→→	FORCE MAIN (OL "D")
→→→→→	CABLE TV
→→→→→	TELEPHONE
→→→→→	GAS
→→→→→	GAS (OL "D")
→→→→→	REFINED GAS
→→→→→	ELECTRIC
→→→→→	WATER
→→→→→	WATER (OL "D")
→→→→→	FIBER OPTIC
→→→→→	FIBER OPTIC (OL "D")
→→→→→	WELL DRAINAGE
→→→→→	UTILITY POLE
→→→→→	TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 TBE Job No. 1109500601, 602, 603, 604, 607, 608, 609  
 SUE Plan Page: Cover

FILE NAME :	USER NAME :	DESIGNED <i>EG, IP, LP</i>	REVISED
#FILE#	PLOT SCALE :	DRAWN <i>KLC</i>	7/28/09 - 8/26/09 ADDED TEST HOLES *60-108
	PLOT DATE :	CHECKED <i>JB</i>	REVISED
		DATE <i>9/15/09</i>	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

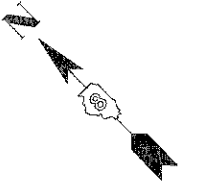
**Mississippi River Bridge Project**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1R	St. Clair	294	87
PTB NO. 147-038				
FED. ROAD DIST. NO.	ILLINOIS	JOB NO.	D-98-061-06	

SCALE:	SHEET NO.	STA.	TO STA.
--------	-----------	------	---------



TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
453	NW OF POLE 645	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT - GUY-E
454	N OF POLE 453	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - W
455	N OF POLE 454	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - W
456	N OF POLE 455	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW
457	NE OF POLE 456	NO TAG	ELECTRIC	AMEREN ELECTRIC	CROSSING ST. CLAIR RD
458	NE OF POLE 457	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW
459	N OF POLE 458	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
645	1603' W OF INDUSTRIAL CL N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SE



MATCH TO PAGE 3

MATCH TO PAGE 2

UNKNOWN	ABANDONED SANITARY
FORCE MAIN (OL "D")	CABLE TV
TELEPHONE	GAS
GAS (OL "D")	ELECTRIC
WATER	WATER (OL "D")
FIBER OPTIC	FIBER OPTIC (OL "D")
WELLS DRAINAGE	UTILITY POLE
TBE TEST HOLE	

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research

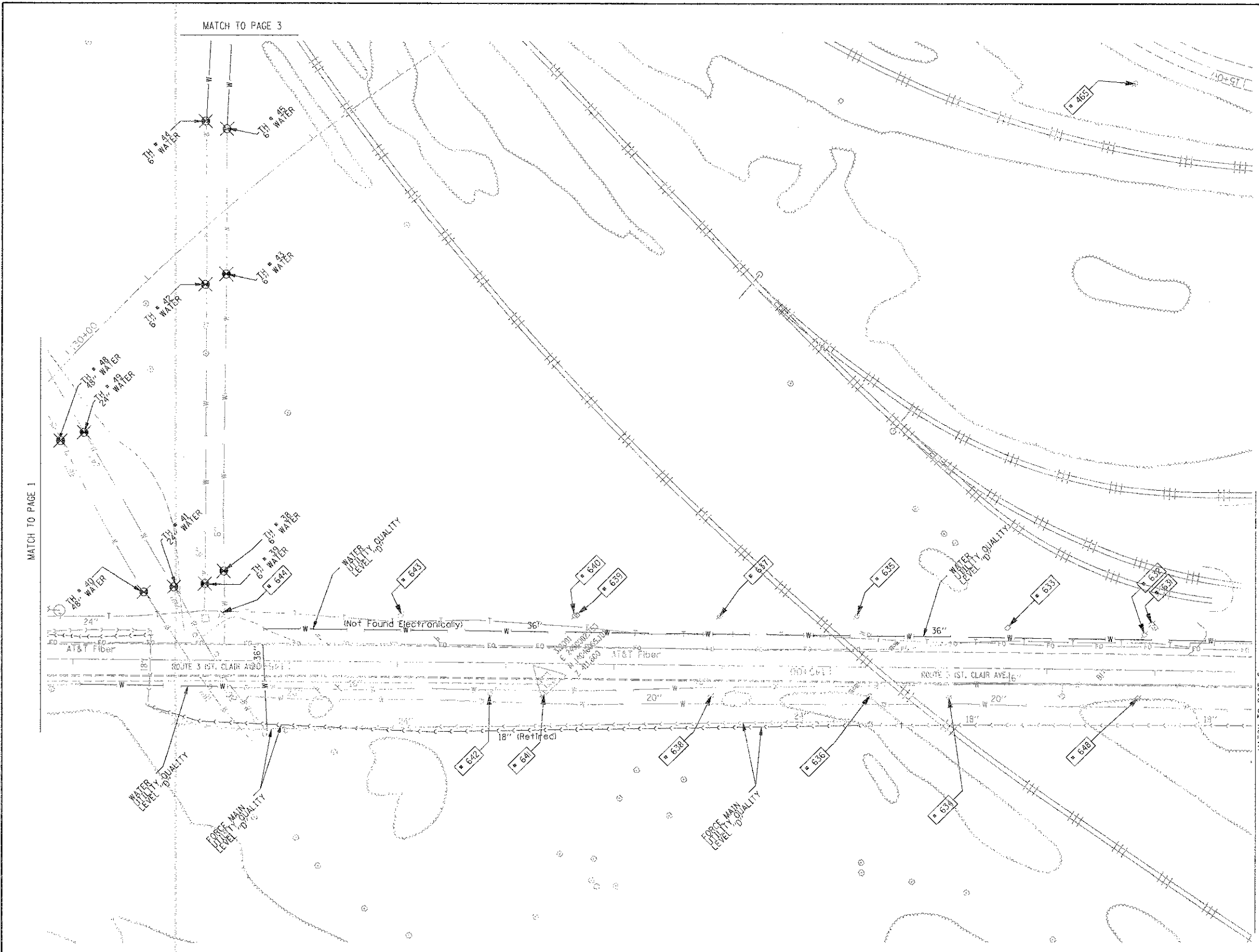
**TBE GROUP, INC.**  
CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
Date: \_\_\_\_\_

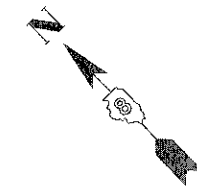
TBE Job No. 1109500601-602-603-604-607-608-609  
SUE Plan Page: 1 of 35

FILE NAME =	USER NAME =	DESIGNED <i>EG, IP, LP</i>	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>Mississippi River Bridge Project</b>
#FILE#	PLOT SCALE = 1" = 50'	DRAWN <i>KLC</i>	7/28/09 - 8/26/09 ADDED TEST HOLES *60-108	SCALE:	SHEET NO.
	PLOT DATE = #DATE#	CHECKED <i>JB</i>	DATE <i>9/15/09</i>	STA.	TO STA.
				FED. ROAD DIST. NO.	ILLINOIS Job No.: 0-98-061-06





TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
465	W OF POLE 464	737405	ELECTRIC	AMEREN ELECTRIC	GUY S
631	584' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
632	591' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
633	718' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
634	768' W OF INDUSTRIAL CL S/S OF ST CLAIR	19067	ELECTRIC	AMEREN ELECTRIC	
635	852' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - NE
636	849' W OF INDUSTRIAL CL S/S OF ST CLAIR	19068	ELECTRIC	AMEREN ELECTRIC	
637	979' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
638	988' W OF INDUSTRIAL CL S/S OF ST CLAIR	19069	ELECTRIC	AMEREN ELECTRIC	
639	1112' W OF INDUSTRIAL CL N/S OF ST CLAIR	397112	NO UTILITIES		GUY - SE
640	1113' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SE
641	1144' W OF INDUSTRIAL CL S/S OF ST CLAIR	19070	ELECTRIC	AMEREN ELECTRIC	GUY - NW
642	1192' W OF INDUSTRIAL CL S/S OF ST CLAIR	19071	NO UTILITIES		GUY - NW
643	1274' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
644	1439' W OF INDUSTRIAL CL N/S OF ST CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
648	594' W OF INDUSTRIAL CL S/S OF ST CLAIR	19066	ELECTRIC	AMEREN ELECTRIC	



UNKNOWN	ABANDONED SANITARY
FORCE MAIN	FORCE MAIN (OL "D")
CABLE TV	TELEPHONE
GAS	GAS (OL "D")
ELECTRIC	WATER
WATER (OL "D")	SLEETRIC
FIBER OPTIC	FIBER OPTIC (OL "D")
WELL DRAINAGE	UTILITY POLE
TBE TEST HOLE	

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 110950601.602.603.  
 504-607-608-609  
 SUE Plan Page: 2 of 35

MATCH TO PAGE 4

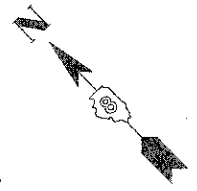
TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
466	N OF POLE 465	737404	ELECTRIC	AMEREN ELECTRIC	GUY 5
467	N OF POLE 466	19135	ELECTRIC	AMEREN ELECTRIC	
468	N OF POLE 467	19134	ELECTRIC	AMEREN ELECTRIC	
469	N OF POLE 468	NO TAG	NO UTILITIES		
470	N OF POLE 469	19133	ELECTRIC	AMEREN ELECTRIC	
471	N OF POLE 470	19132	ELECTRIC	AMEREN ELECTRIC	

MATCH TO PAGE 1

MATCH TO PAGE 32

MATCH TO PAGE 5

MATCH TO PAGE 2



UNKNOWN	UNKNOWN
ABANDONED SANITARY	ABANDONED SANITARY
FORCE MAIN (OL "D")	FORCE MAIN (OL "D")
CABLE TV	CABLE TV
TELEPHONE	TELEPHONE
GAS	GAS
GAS (OL "D")	GAS (OL "D")
ELECTRIC	ELECTRIC
WATER	WATER
WATER (OL "D")	WATER (OL "D")
FIBER OPTIC	FIBER OPTIC
FIBER OPTIC (OL "D")	FIBER OPTIC (OL "D")
WELL DRAINAGE	WELL DRAINAGE
UTILITY POLE	UTILITY POLE
TBE TEST HOLE	TBE TEST HOLE

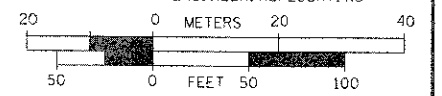
Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING



Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. IL09500601, 602-603, 604, 607, 608, 609  
 SUE Plan Page: 3 of 35

FILE NAME =	USER NAME =	DESIGNED <i>EG, IP, LP</i>	REVISED
#FILE#	PLOT SCALE = 1" = 50'	DRAWN <i>KLC</i>	7/28/09 - 8/26/09 ADDED TEST HOLES *60-108
	PLOT DATE = #DATE#	CHECKED <i>JB</i>	REVISED
		DATE <i>9/15/09</i>	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1R	St. Clair	294	90
PTB NO. 147-038				
FED. ROAD DIST. NO. [ILLINOIS] Job No.: 0-99-061-08				





TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
447	180' NE CL OF INDUSTRIAL / ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
448	182' NE CL OF INDUSTRIAL / ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
449	247' NE OF INDUSTRIAL / ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - NE
450	395' NE CL OF INDUSTRIAL / ST. CLAIR	19143	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE DROP
451	395' NE CL OF INDUSTRIAL / ST. CLAIR	NO TAG	NO UTILITIES		STRAIN POLE TO POLE 450
452	395' NE CL OF INDUSTRIAL / ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW
460	NE OF POLE 459	19141	ELECTRIC	AMEREN ELECTRIC	GUY - NE
461	NW OF POLE 460	19140	ELECTRIC	AMEREN ELECTRIC	
462	NW OF POLE 461	19139	ELECTRIC	AMEREN ELECTRIC	
463	NW OF POLE 462	NO TAG	NO UTILITIES		STRAIN POLE TO POLE 464
464	N OF POLE 463	19138	ELECTRIC	AMEREN ELECTRIC	
477	SE OF POLE 617	19145	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE
499	S E OF POLE 477	19146	ELECTRIC	AMEREN ELECTRIC	GUY - SE
610	280' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	2475446	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
611	188' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	19061	ELECTRIC	AMEREN ELECTRIC	
612	150' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	2475406	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
613	40' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	2475407	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
614	38' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	19062	ELECTRIC	AMEREN ELECTRIC	
615	37' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	NO UTILITIES		
616	172' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
617	172' E OF INDUSTRIAL CL ON N/S OF ST. CLAIR	19144	ELECTRIC	AMEREN ELECTRIC	
618	84' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
619	86' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	2475410	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
620	113' W OF INDUSTRIAL CL ON S/S OF ST. CLAIR	19063	ELECTRIC	AMEREN ELECTRIC	
621	184' W OF INDUSTRIAL CL ON S/S OF ST. CLAIR	2475426	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
622	253' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	2475419	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	GUY NW
623	224' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	19064	ELECTRIC	AMEREN ELECTRIC	
624	332' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	HANGING ELECTRIC BOX
625	333' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
626	343' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
627	352' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
628	391' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
629	463' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
630	471' W OF INDUSTRIAL CL ON S/S OF ST. CLAIR	19065	ELECTRIC	AMEREN ELECTRIC	GUY - S
647	251' W OF INDUSTRIAL CL ON N/S OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC METER

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

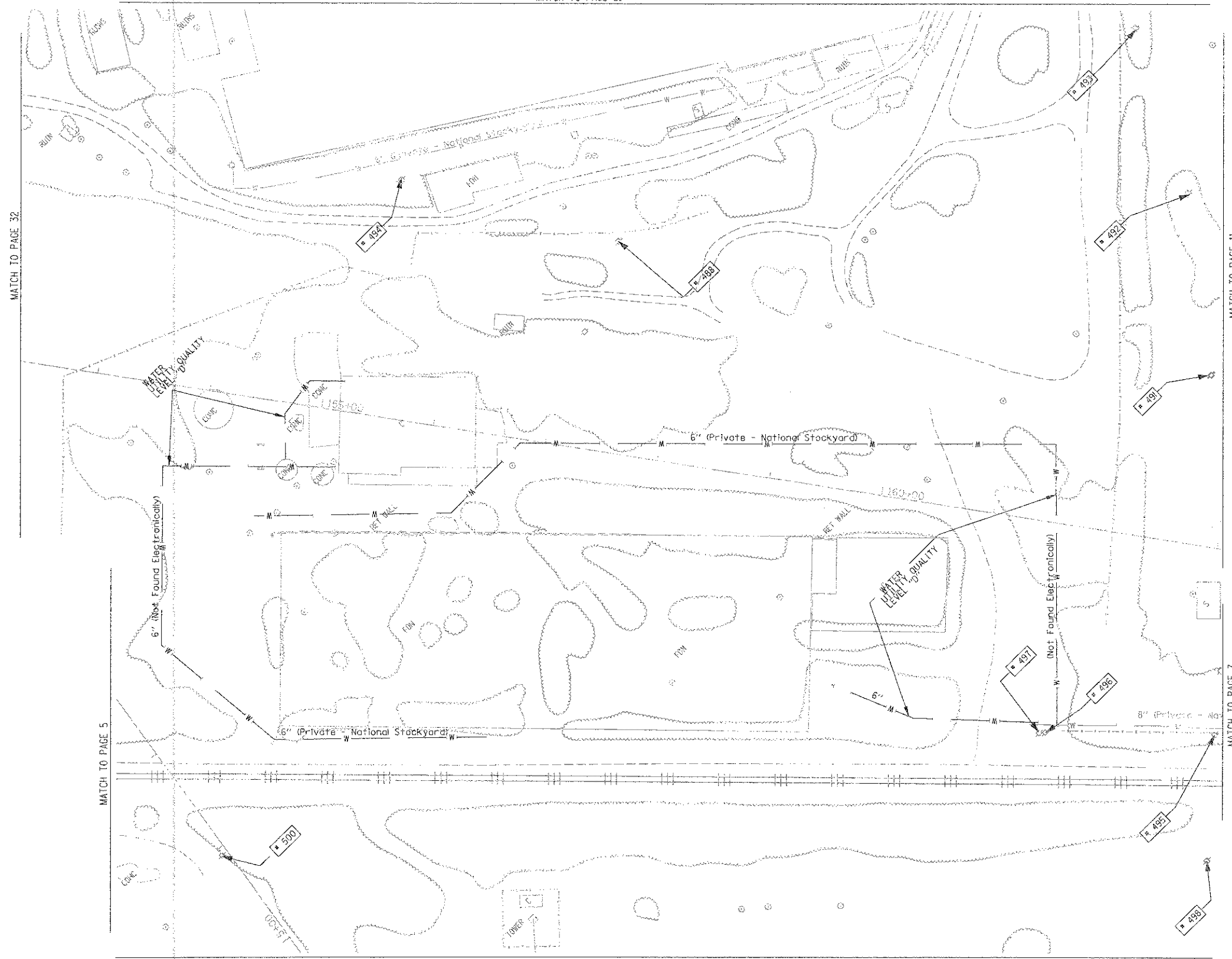
Utility Quality Level "A" : Test Hole  
 Utility Quality Level "B" : Designating  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

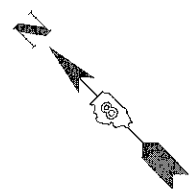
Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 103500501-602-603,  
 604, 607, 608-609  
 SUE Plan Pages: 5 of 35

FILE NAME #	USER NAME #	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project	SCALE: SHEET NO. STA. TO STA.	F.A.D. SECTION COUNTY TOTAL SHEETS NO.
#FILE#	PLDT SCALE = 1" = 50'	CHECKED JB	REVISED				82-1R St. Clair 294 92
	PLDT DATE = #DATE#	DATE 9/15/09	REVISED	PTB NO. 147-038			FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-08



TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
488	NW OF POLE 492	NO TAG	NO UTILITIES		
491	NE OF POLE 490	739170	ELECTRIC	AMEREN ELECTRIC	LIGHT
492	NE OF POLE 491	739171	ELECTRIC	AMEREN ELECTRIC	LIGHT
493	NE OF POLE 492	739172	ELECTRIC	AMEREN ELECTRIC	LIGHT & TRANS. - GUY NW
494	NW OF POLE 493	NO TAG	NO UTILITIES		LIGHT
495	NW OF POLE 466	739164	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TELEPHONE SERVICE
496	N OF POLE 495	NO TAG	NO UTILITIES		
497	NW OF POLE 434	739165	ELECTRIC	AMEREN ELECTRIC	TRANS. PLATE - GUY E
498	SE OF POLE 495	739166	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TELEPHONE SERVICE
500	SE OF POLE 499	19147	ELECTRIC	AMEREN ELECTRIC	GUY - SE



UNKNOWN	ABANDONED SANITARY
FORCE MAIN	FORCE MAIN (OL "D")
CABLE TV	TELEPHONE
GAS	GAS (OL "D")
ELECTRIC	WATER
WATER (OL "D")	FIBER OPTIC
FIBER OPTIC (OL "D")	WELL DRAINAGE
UTILITY POLE	TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING



Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

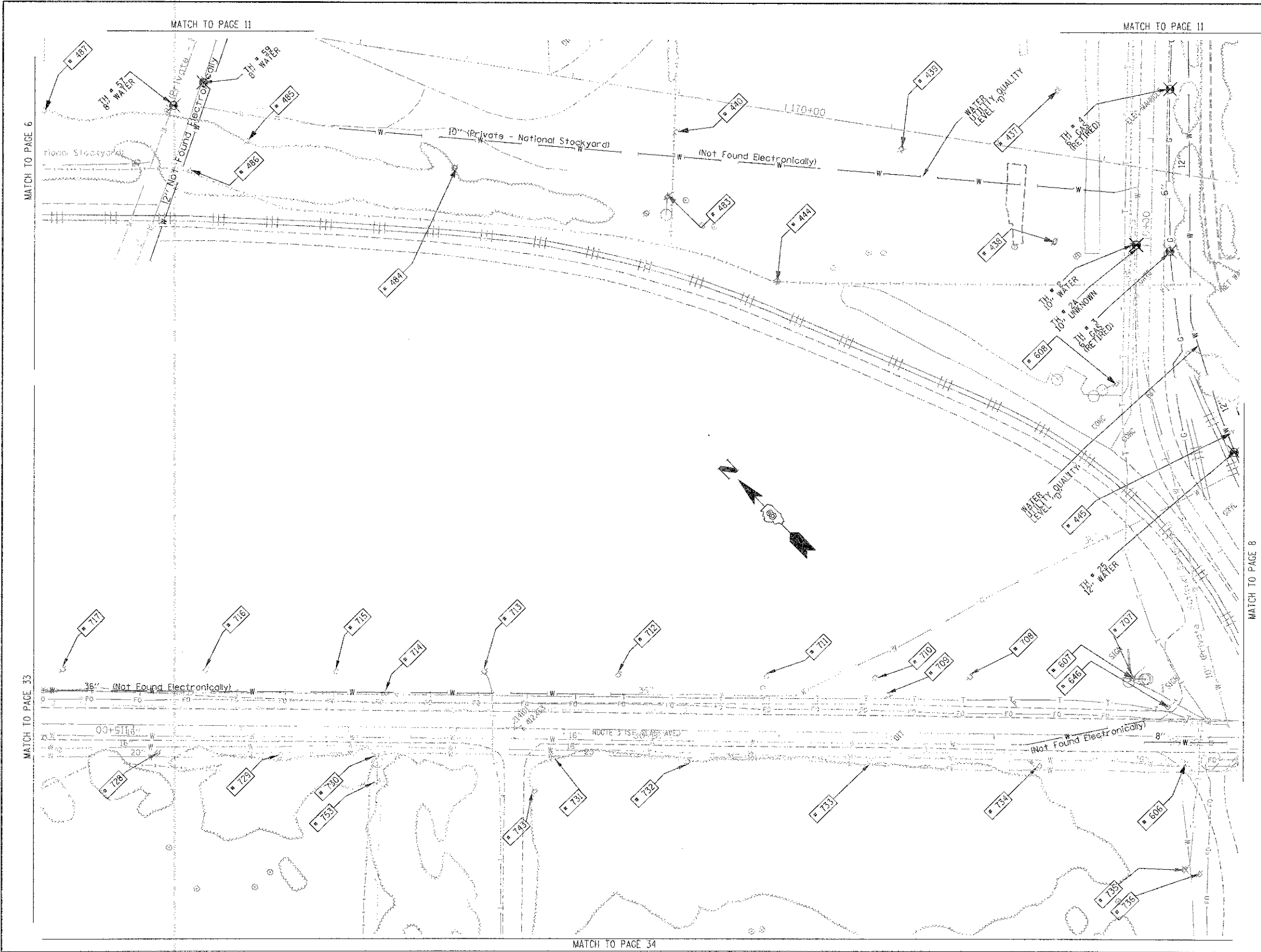
FILE NAME #	USER NAME #	DESIGNED <i>EG, IP, LP</i>	REVISED 1/28/09 - 8/26/09 ADDED TEST HOLES #60-108
#FILE#	PLOT SCALE # 1" = 50'	DRAWN <i>KLC</i>	REVISOR
	PLOT DATE # DATE#	CHECKED <i>JB</i>	REVISOR
		DATE <i>9/15/09</i>	REVISOR

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

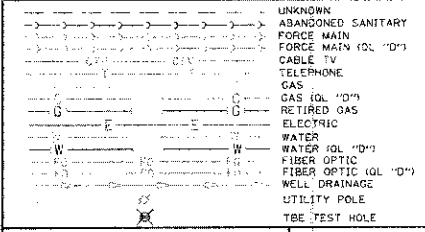
**Mississippi River Bridge Project**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1R	St. Clair	294	93
PTB NO. 147-038				
FED. ROAD DIST. NO. [ILLINOIS] Job No.: D-98-061-08				

SCALE: SHEET NO. STA. TO STA.



TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
437	S OF POLE 435	739464	ELECTRIC	AMEREN ELECTRIC	LIGHT
438	S OF POLE 437 NE OF POLE 608	739465	ELECTRIC	AMEREN ELECTRIC	LIGHT - GUY-S
439	NE OF POLE 437	739466	ELECTRIC	AMEREN ELECTRIC	LIGHT
440	NW OF POLE 439	739467	ELECTRIC	AMEREN ELECTRIC	LIGHT
444	S OF POLE 440	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
445	SE OF POLE 608	NO TAG	NO UTILITIES		
483	S OF POLE 482 N OF POLE 444	739160	ELECTRIC	AMEREN ELECTRIC	GUY - SW
484	N OF POLE 483	739157	ELECTRIC	AMEREN ELECTRIC	
485	N OF POLE 484	739159	ELECTRIC	AMEREN ELECTRIC	
486	NW OF POLE 485	NO TAG	NO UTILITIES		LIGHT & TRANSFORMER UTILITIES CUT ON POLE
487	N OF POLE 485	739158	ELECTRIC	AMEREN ELECTRIC	GUY - N
606	1894' W OF 1ST ST CL ON S/S OF ST CLAIR	726229	ELECTRIC	AMEREN ELECTRIC	
607	1945' W OF 1ST ST CL ON N/S OF ST CLAIR	726248	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
608	E. OF 607	739459	ELECTRIC	AMEREN ELECTRIC	
646	1913' W OF 1ST ST CL ON N/S OF ST CLAIR	726248	ELECTRIC	AMEREN ELECTRIC	LIGHT
707	RT 3 127' NW OF RR	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	PHONE DROP
708	RT 3 325' NW OF RR	726247	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
709	RT 3 350' NW OF RR	726246	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT
710	RT 3 363' NW OF RR	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
711	RT 3 461' NW OF RR	726245	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
712	RT 3 600' NW OF RR	726244	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
713	RT 3 720' NW OF RR	726243	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	PHONE DROP - SW
714	RT 3 811' NW OF RR	726242	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT
715	RT 3 857' NW OF RR	NO TAG	TELEPHONE	AT&T	
716	RT 3 980' NW OF RR	NO TAG	TELEPHONE	AT&T	
717	RT 3 1110' NW OF RR	NO TAG	TELEPHONE	AT&T	
728	RT 3 1039' NW OF RR	19048	ELECTRIC	AMEREN ELECTRIC	
729	RT 3 924' NW OF RR	19047	ELECTRIC	AMEREN ELECTRIC	
730	RT 3 835' NW OF RR	19046	ELECTRIC	AMEREN ELECTRIC	
731	RT 3 637' NW OF RR	19045	ELECTRIC	AMEREN ELECTRIC	
732	RT 3 548' NW OF RR	19044	ELECTRIC	AMEREN ELECTRIC	
733	RT 3 377' NW OF RR	19043	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER & ANCHOR
734	RT 3 220' NW OF RR	19042	ELECTRIC	AMEREN ELECTRIC	ANCHOR
735	109' SW OF RT 3 & N OF RR	726228	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	PHONE NE CROSSES RT 3
736	111' SW OF RT 3 & N OF RR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
743	46' W OF RT 3 ON S. SIDE OF MESO TREATMENT FACILITY DRIVEWAY	726230	ELECTRIC	AMEREN ELECTRIC	ANCHOR
753	40' W OF RT 3 ON S. SIDE OF MESO TREATMENT FACILITY DRIVEWAY	726240	ELECTRIC	AMEREN ELECTRIC	ANCHOR



Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc. in accordance with SUE industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

Utility Quality Level "A" : Test Hole  
 Utility Quality Level "B" : Designating  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. IL09500601-602-603,  
 604, 607, 608, 609  
 SUE Plan Pages: 1 of 35

FILE NAME #	USER NAME *	DESIGNED EG, JP, LP	REVISED
#FILE#	PLOT SCALE = 1" = 50'	DRAWN KLC	7/28/09 - 8/26/09 ADDED TEST HOLES *60-108
	PLOT DATE = *DATE*	CHECKED JB	REVISED
		DATE 9/15/09	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

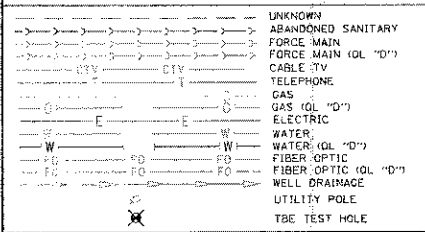
**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1R	St. Clair	294	94
PTB NO. 147-038				
FED. ROAD DIST. NO. [ILLINOIS] Job No.: D-98-061-08				



TBE Pole Number	Approximate Location	Certification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
423	45' N OF CL FRONT MAIN ST W	739111	ELECTRIC	AMEREN ELECTRIC	LIGHT
424	45' N OF CL FRONT MAIN ST W	NO TAG	TRANSFORMERS		TRANSFORMERS
425	45' N OF CL FRONT MAIN ST W	NO TAG	TRANSFORMERS		TRANSFORMERS
426	45' N OF CL FRONT MAIN ST W	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICES CUT OFF
427	45' N OF CL FRONT MAIN ST W	739108	ELECTRIC	AMEREN ELECTRIC	
428	N OF POLE 427	NO TAG	LIGHT POLE		LIGHT - GUY N
429	NE OF POLE 445	NO TAG	NO UTILITIES		
446	SW OF POLE 445	739446	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER #8946
578	866' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739133	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
579	949' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739132	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT
580	1036' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739131	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
581	1104' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739129	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT & TRANSFORMER
582	1105' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	ELECTRIC METER
583	1127' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739130	NO UTILITIES		
584	1259' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739128	ELECTRIC	AMEREN ELECTRIC	LIGHT
585	45' N OF CL FRONT MAIN ST W	739146	ELECTRIC	AMEREN ELECTRIC	LIGHT
586	84' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	739145	ELECTRIC	AMEREN ELECTRIC	LIGHT
587	104' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	739144	NO UTILITIES		
588	228' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	NO TAG	TELEPHONE	AT&T	TELEPHONE CUT
589	230' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	739126	ELECTRIC	AMEREN ELECTRIC	LIGHT
590	232' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	739125	ELECTRIC	AMEREN ELECTRIC	
591	278' N OF MAIN & FRONT ST. CL ON W/S OF MAIN ST	739124	TELEPHONE	AT&T	TELEPHONE CUT
600	753' W OF 1ST ST. CL ON S/S OF ST. CLAIR	723699	ELECTRIC	AMEREN ELECTRIC	GUY NE
601	842' W OF 1ST ST. CL ON S/S OF ST. CLAIR	19036	ELECTRIC, FIBER	AMEREN ELECTRIC	
602	1059' W OF 1ST ST. CL ON S/S OF ST. CLAIR	19037	ELECTRIC, FIBER	AMEREN ELECTRIC	
603	1289' W OF 1ST ST. CL ON S/S OF ST. CLAIR	19038	ELECTRIC, FIBER	AMEREN ELECTRIC	GUY NW
604	1530' W OF 1ST ST. CL ON S/S OF ST. CLAIR	19039	ELECTRIC	AMEREN ELECTRIC	LIGHT
605	1770' W OF 1ST ST. CL ON S/S OF ST. CLAIR	19040	ELECTRIC	AMEREN ELECTRIC	GUY SW
609	1066' W OF 1ST ST. CL ON S/S OF ST. CLAIR	726204	ELECTRIC	AMEREN ELECTRIC	GUY NE



Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

Utility Quality Level "A" : Test Hole  
 Utility Quality Level "B" : Designating  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

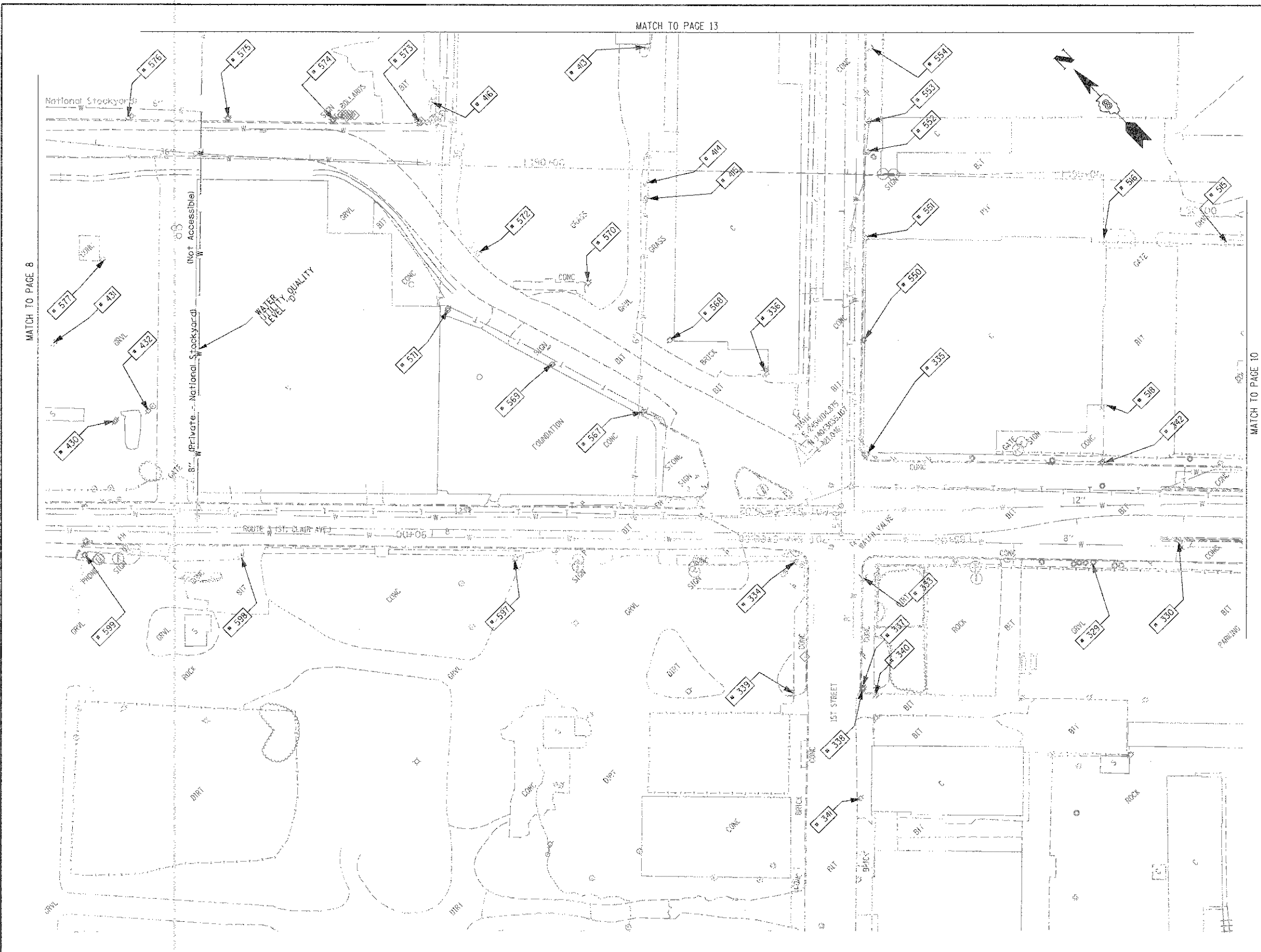
Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 1009500601-602-603-604-605-606-609  
 SUE Plan Page: 8 of 35

SECTION: 82-1R  
 COUNTY: St. Clair  
 TOTAL SHEETS: 294  
 SHEET NO.: 95

PTB NO. 147-038  
 FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-08

FILE NAME =	USER NAME =	DESIGNED <i>EG, JP, LP</i>	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project	SCALE:	SHEET NO.	STA.	TO STA.
#FILE#9	PLOT SCALE = 1" = 50'	CHECKED <i>JB</i>	REVISED			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
	PLOT DATE = #DATE#	DATE 9/15/09	REVISED						



TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
329	242' CL FIRST & ST. CLAIR	19032	ELECTRIC / FIBER	AMEREN ELECTRIC	E.W. LIGHT
330	323' CL FIRST & ST. CLAIR	723648	ELECTRIC	AMEREN ELECTRIC	SW LIGHT
333	SW CORNER FIRST & ST. CLAIR	NO TAG	TELEPHONE	AT&T	
334	NW CORNER FIRST & ST. CLAIR	19053	ELECTRIC/FIBER	AMEREN ELECTRIC	LIGHT & GUY S.
335	SE CORNER FIRST & ST. CLAIR	726190	ELECTRIC	AMEREN ELECTRIC	2 GUY E.
336	NE CORNER FIRST & ST. CLAIR	739142	NO UTILITIES		LIGHT NW
337	153' S. OF ST. CLAIR	NO TAG	NO UTILITIES		
338	156' S. OF ST. CLAIR	723675	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
339	156' S. OF ST. CLAIR	814	TELEPHONE	AT&T	
340	158' S OF ST. CLAIR	NO TAG	NO UTILITIES		
341	257' S OF ST. CLAIR	723684	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	TRANSFORMER
342	225' E. OF FIRST ON N SIDE ST. CLAIR	723646	ELECTRIC	AMEREN ELECTRIC	LIGHT N.S.
413	W. OF POLE 412	NO TAG	ELECTRIC	AMEREN ELECTRIC	
414	SW OF POLE 413	NO TAG	ELECTRIC	AMEREN ELECTRIC	
415	SW OF POLE 414	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW
416	N OF POLE 414	NO TAG	TELEPHONE	AT&T	GUY - W
430	SW OF POLE 577	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE
431	N OF POLE 430	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT, METER
432	S OF POLE 430	747040	ELECTRIC	AMEREN ELECTRIC	LIGHT
515	NW OF POLE 366	723644	NO UTILITIES		LIGHT
516	W OF POLE 393, NW OF POLE 515	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
518	NE OF POLE 342	212488	ELECTRIC	AMEREN ELECTRIC	LIGHT
550	170' N OF ST. CLAIR & 1ST ST. CL ON S/S	726191	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
551	265' N OF ST. CLAIR & 1ST ST. CL ON E/S	726192	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
552	527' N OF ST. CLAIR & 1ST ST. CL ON E/S	726193	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TRANSFORMER
553	373' N OF ST. CLAIR & 1ST ST. CL ON E/S	NO TAG	TELEPHONE	AT&T	
554	442' N OF ST. CLAIR & 1ST ST. CL ON E/S	726194	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
567	157' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	739143	ELECTRIC	AMEREN ELECTRIC	LIGHT
568	206' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739141	ELECTRIC	AMEREN ELECTRIC	
569	289' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	NO TAG	ELECTRIC	AMEREN ELECTRIC	
570	287' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739140	ELECTRIC	AMEREN ELECTRIC	
571	395' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	NO TAG	ELECTRIC	AMEREN ELECTRIC	
572	408' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739139	ELECTRIC	AMEREN ELECTRIC	LIGHT
573	529' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739137	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT & GUY - S.E.
574	581' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739136	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
575	677' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739135	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT
576	727' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739134	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
577	790' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	747038	ELECTRIC	AMEREN ELECTRIC	LIGHT
597	301' W OF 1ST ST CL ON S/S OF ST. CLAIR	19034	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT
598	556' W OF 1ST ST CL ON S/S OF ST. CLAIR	19035	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT
599	701' W OF 1ST ST CL ON S/S OF ST. CLAIR	723694	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT

UNKNOWN  
 ABANDONED SANITARY  
 FORCE MAIN  
 FORCE MAIN (Q.L. "D")  
 CABLE TV  
 TELEPHONE  
 GAS  
 GAS (Q.L. "D")  
 ELECTRIC  
 WATER (Q.L. "D")  
 FIBER OPTIC  
 FIBER OPTIC (Q.L. "D")  
 WELL DRAINAGE  
 UTILITY POLE  
 TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

FILE NAME # \_\_\_\_\_ USER NAME # \_\_\_\_\_ DESIGNED EG, JP, LP REVISOR \_\_\_\_\_  
 #FILE# \_\_\_\_\_ DRAWN KLC TEST HOLES #60-108 REVISOR \_\_\_\_\_  
 PLOT SCALE = 1" = 50' CHECKED JB DATE 9/15/09  
 PLOT DATE = #DATE# DATE \_\_\_\_\_ REVISOR \_\_\_\_\_

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

Utility Quality Level "A" : Test Hole  
 Utility Quality Level "B" : Designating  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL PLANNING • UTILITY ENGINEERING/LOCATIONING

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

TBE Job No. 110950601-602-603-604, 607-608-609  
 SUE Plan Pages: 3 of 35

**Mississippi River Bridge Project**  
 SCALE: \_\_\_\_\_ SHEET NO. \_\_\_\_\_ STA. TO STA. \_\_\_\_\_

F.A.P. SECTION COUNTY TOTAL SHEET NO. SHEETS  
 RTE. 82-1R St. Clair 294 96  
 FEDERAL ROAD DIST. NO. ILLINOIS Job No.: D-98-061-98  
 PTB NO. 147-038

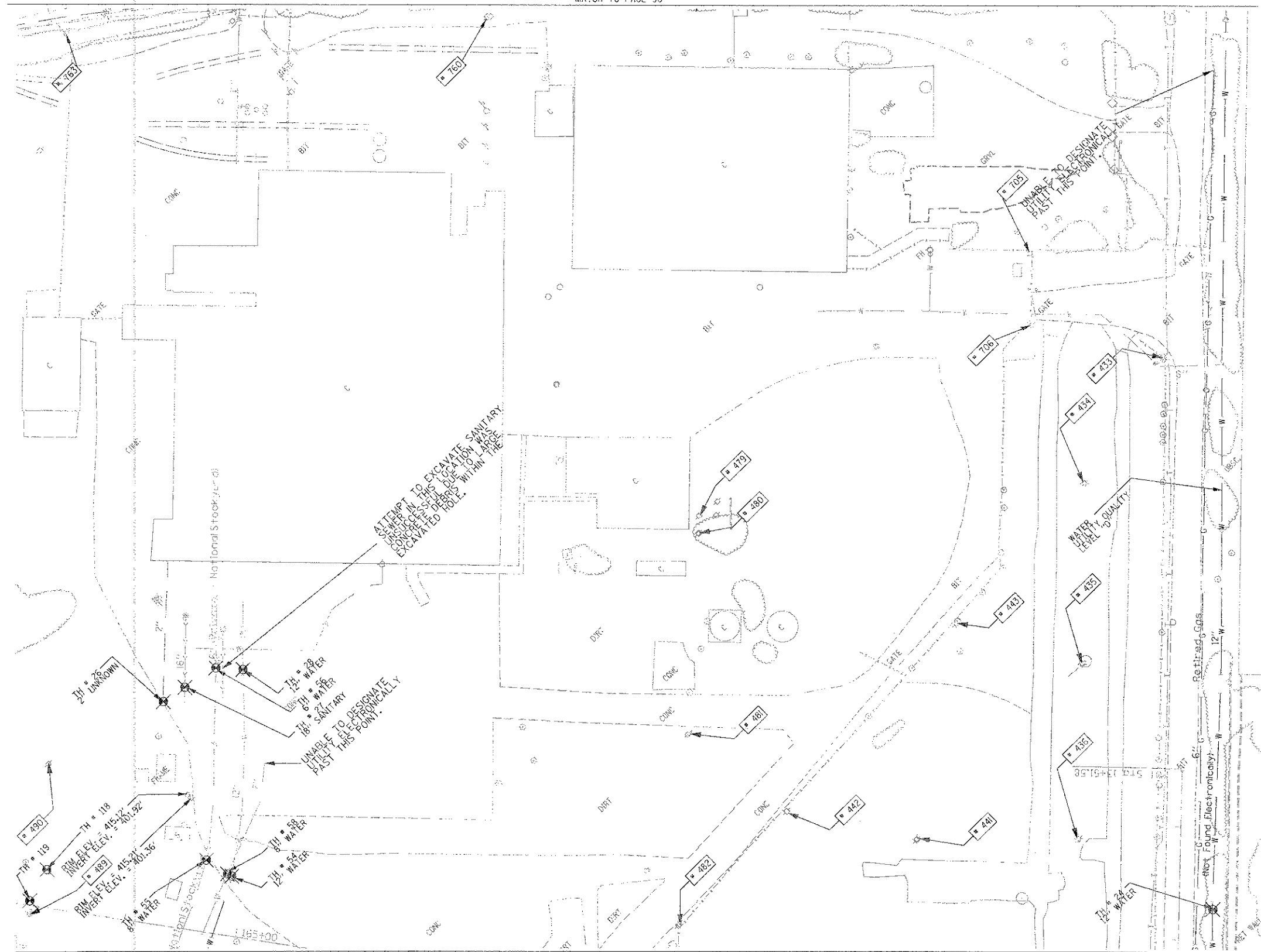


MATCH TO PAGE 30

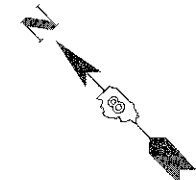
MATCH TO PAGE 31

MATCH TO PAGE 6

MATCH TO PAGE 12



TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
433	E OF POLE 434	739460	ELECTRIC	AMEREN ELECTRIC	LIGHT
434	W OF POLE 433	739461	ELECTRIC	AMEREN ELECTRIC	LIGHT, GUY NE
435	S OF POLE 434	739462	ELECTRIC	AMEREN ELECTRIC	LIGHT
436	S OF POLE 435	739463	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, LIGHT
441	NE OF POLE 441	739469	ELECTRIC	AMEREN ELECTRIC	LIGHT
442	NW OF POLE 441	739468	ELECTRIC	AMEREN ELECTRIC	LIGHT
443	E OF POLE 442	739470	ELECTRIC	AMEREN ELECTRIC	LIGHT
479	NW OF POLE 434	739165	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER PLATE, GUY E.
480	SW OF POLE 479	739169	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER PLATE
481	SW OF POLE 480	739155	ELECTRIC	AMEREN ELECTRIC	
482	SW OF POLE 481	739161	ELECTRIC	AMEREN ELECTRIC	
489	NE OF POLE 487	739156	ELECTRIC	AMEREN ELECTRIC	LIGHT, TRANSFORMER
490	E OF POLE 489	739168	ELECTRIC	AMEREN ELECTRIC	GUY SE
705	NW OF POLE 433	739471	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - SW
706	SW OF POLE 705	739472	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - S, SW
763	ON EXCHANGE 992' N OF PARKERS	749484	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	ANCHOR



MATCH TO PAGE 7

UNKNOWN	ABANDONED SANITARY
FORCE MAIN (10" "D")	FORCE MAIN (10" "D")
CABLE TV	TELEPHONE
GAS (10" "D")	RETIRED GAS
ELECTRIC	WATER (10" "D")
FIBER OPTIC (10" "D")	FIBER OPTIC (10" "D")
WELL DRAINAGE	UTILITY POLE
TBE TEST HOLE	

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

20 0 METERS 20 40  
 50 0 FEET 50 100

Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 1129500601-602-003-004.  
 807-698-665-610  
 SUE Plan Page: 11 of 35

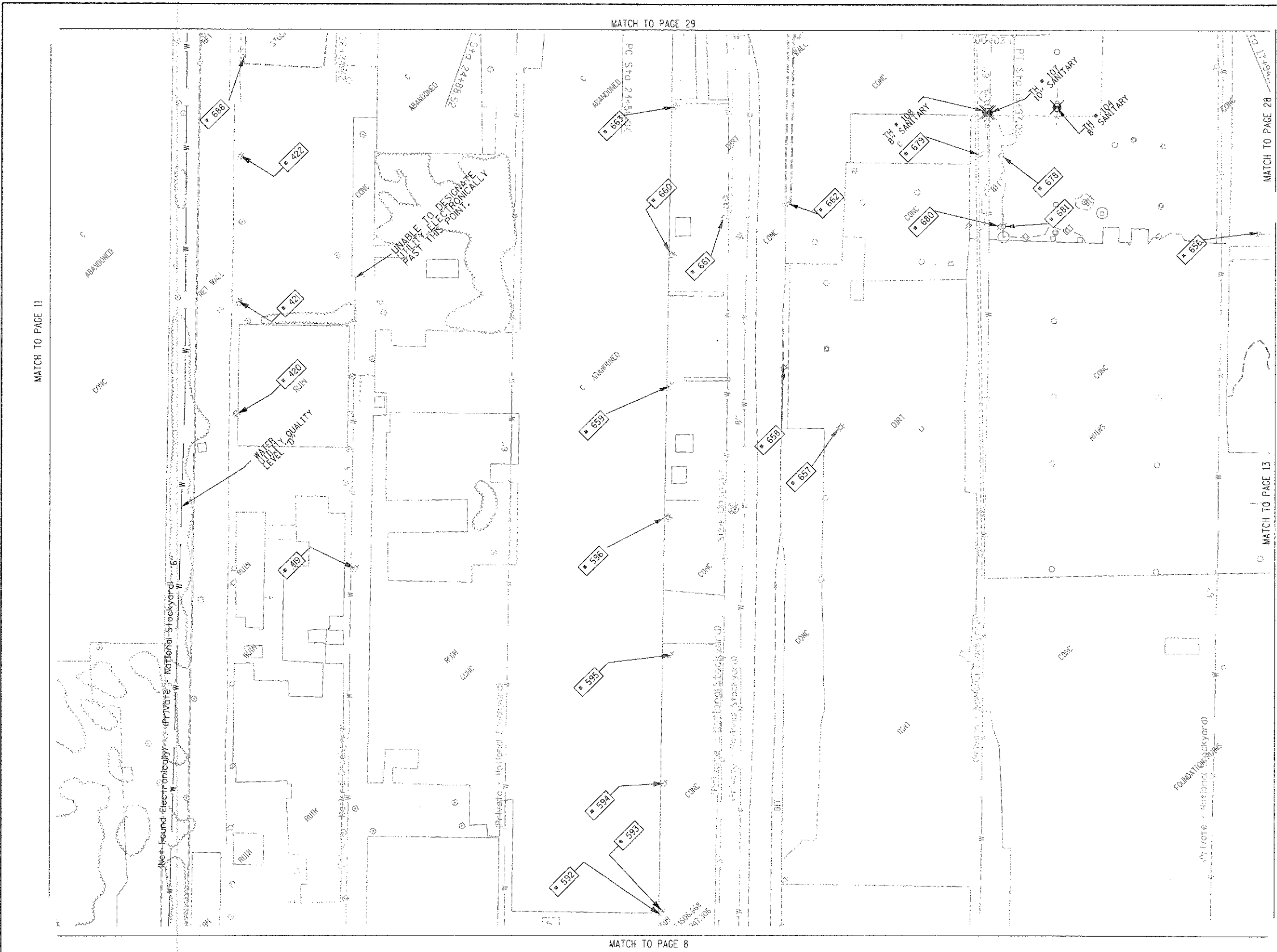
FILE NAME =	USER NAME =	DESIGNED <i>EG, IP, LP</i>	REVISED
#FILE#	PLOT SCALE = 1" = 50'	DRAWN <i>KLC</i>	7/28/09 - 8/26/09 ADDED TEST HOLES #60-108
	PLOT DATE = #DATE#	CHECKED <i>JB</i>	REVISED
		DATE <i>7/15/10</i>	5/04/10 ADDED TEST HOLES #118-119

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

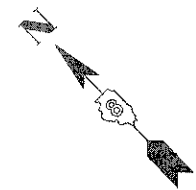
**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1R	St. Clair	294	97
PTB NO. 147-038				
FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-08				



TBE Pole Number	Approximate Location	Identification on Peta	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
419	NW OF POLE 596	NO TAG	NO UTILITIES		
420	N OF POLE 419	NO TAG	TELEPHONE	AT&T	LIGHT, DROP CUT OFF GUY-W
421	N OF POLE 420	NO TAG	TELEPHONE	AT&T	
422	N OF POLE 421	NO TAG	TELEPHONE	AT&T	LIGHT
592	310' N OF MAIN ST & FRONT ST CL ON W/S OF MAIN ST	739123	ELECTRIC	AMEREN ELECTRIC	
593	312' N OF MAIN ST & FRONT ST CL ON W/S OF MAIN ST	NO TAG	TELEPHONE	AT&T	
594	430' N OF MAIN ST & FRONT ST CL ON W/S OF MAIN ST	NO TAG	ELECTRIC	AMEREN ELECTRIC	
595	499' N OF MAIN ST & FRONT ST CL ON W/S OF MAIN ST	739121	ELECTRIC	AMEREN ELECTRIC	LIGHT & TRANSFORMER
596	668' N OF MAIN ST & FRONT ST CL ON W/S OF MAIN ST	739120	ELECTRIC	AMEREN ELECTRIC	
656	SW OF POLE 695	739490	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	TRANSFORMER, GUY - SE ELEC & TEL - NW
657	SE OF POLE 596	NO TAG	NO UTILITIES		ABANDONED POLE
658	SE OF POLE 596	739492	NO UTILITIES		ABANDONED POLE
659	NE OF POLE 596	21228 739493	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	LIGHT, ELEC & TEL - NE, SW
660	NE OF POLE 669	739794	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	ELEC - NE, SW
661	E OF POLE 660	739487	ELECTRIC	AMEREN ELECTRIC	GUY - NW ELEC - WEST, SE
662	SE OF POLE 661	739488	NO UTILITIES		ABANDONED POLE
663	NE OF POLE 660	739495	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	LIGHT, ELEC & TEL - NE, SW
678	SW OF POLE 667	NO TAG	TELEPHONE	AT&T	TEL - S, N
679	N OF POLE 678	NO TAG	NO UTILITIES		TRANSFORMER
680	SW OF POLE 678	NO TAG	NO UTILITIES		ABANDONED POLE
681	SW OF POLE 678	NO TAG	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	GUY-SW ELEC - NW, SE TEL - NE TEL END AT POLE
688	NW OF POLE 687	2475433	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	GUY - SW TEL - NE, SE ELEC - NE END AT POLE



---	UNKNOWN
---	ABANDONED SANITARY
---	FORCE MAIN (OL "D")
---	CABLE TV
---	TELEPHONE
---	GAS (OL "D")
---	ELECTRIC
---	WATER
---	WATER (OL "D")
---	FIBER OPTIC
---	FIBER OPTIC (OL "D")
---	WELL DRAINAGE
---	UTILITY POLE
---	TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

Utility Quality Level "A" : Test Hole  
 Utility Quality Level "B" : Designating  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 1109500501-602-603-604  
 607-608-609  
 SUE Plan Page: 12 of 35

MATCH TO PAGE 12

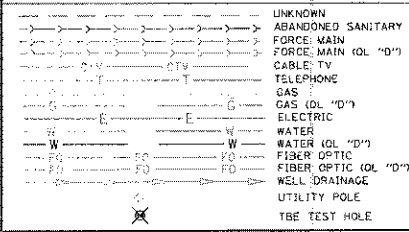
MATCH TO PAGE 8

MATCH TO PAGE 9

MATCH TO PAGE 14

MATCH TO PAGE 10

TBE Pole Number	Approximate Location	Identification on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
394	247' CL OF BAUGH/2ND W	726197	ELECTRIC	AMEREN ELECTRIC	LIGHT
395	378' CL OF BAUGH/2ND W	726196	ELECTRIC	AMEREN ELECTRIC	
400	134' CL OF REAR BAUGH/2ND W	723604	ELECTRIC	AMEREN ELECTRIC	GUY TO E
401	134' CL OF REAR BAUGH/2ND W	NO TAG	NO UTILITIES		
402	229' CL OF REAR BAUGH/2ND W	NO TAG	NO UTILITIES		
403	231' CL OF REAR BAUGH/2ND W	723602	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, GUY TO S
404	355' CL OF REAR BAUGH/2ND W	726200	ELECTRIC	AMEREN ELECTRIC	
405	355' CL OF REAR BAUGH/2ND W	723601	ELECTRIC	AMEREN ELECTRIC	LIGHT
406	435' CL OF REAR BAUGH/2ND W	723606	ELECTRIC	AMEREN ELECTRIC	
407	E OF POLE 403	NO TAG	NO UTILITIES		
408	E OF POLE 407	723605	ELECTRIC	AMEREN ELECTRIC	GUY TO N, LIGHT
409	W OF POLE 566	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY TO SW
410	W OF POLE 409	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY TO S
411	W OF POLE 410	NO TAG	NO UTILITIES		
412	W OF POLE 411	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY TO NW
417	NE OF POLE 416	730138	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT
418	NE OF POLE 417	NO TAG	TELEPHONE	AT&T	DROP, GUY TO E
519	88' WS CL BOWMAN & 1ST	NO TAG	NO UTILITIES		LOOKS ABANDON NO UTILITIES
520	186' ES CL BOWMAN & 1ST	723613	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	ELEC & TEL - NE, SW
521	ON 1ST 194' ES BOWMAN	723614	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	TRANSFORMER, TEL - NE, SW, ELEC - NE, SW NW
522	266' WS CL BOWMAN & 1ST	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	METER, ELEC SEV - NW, SE
523	242' ES CL BOWMAN & 1ST	723615	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	ELEC & TEL - NE, SW
537	NE OF POLE 566	NO TAG	NO UTILITIES		METER SUPPORT FOR POLE 538
538	NW OF POLE 537	747043	ELECTRIC	AMEREN ELECTRIC	LIGHT, GUY - SE, ELEC - NW, NE, W, SW, S
539	W OF POLE 538	747044	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, ELEC - SE, W, NE, SEV TO GUY LANDING
540	NW OF POLE 539	747045	ELECTRIC	AMEREN ELECTRIC	ELEC - E, S
541	W OF POLE 540	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - E, S, ELEC END AT POLE
542	NE OF POLE 540	747046	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - E, SW
543	NE OF POLE 542	747047	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - SW
544	N OF POLE 538	25075	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - N, SW
545	N OF POLE 538	NO TAG	NO UTILITIES		ABANDONED POLE
546	N OF POLE 538	NO TAG	NO UTILITIES		ABANDONED POLE
547	N OF POLE 538	NO TAG	NO UTILITIES		ABANDONED POLE
555	655' N OF ST. CLAIR & 1ST ST. CL ON E/S	726195	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT, TRANSFORMER
556	657' N OF ST. CLAIR & 1ST ST. CL ON E/S	NO TAG	ELECTRIC	AMEREN ELECTRIC	
557	658' N OF ST. CLAIR & 1ST ST. CL ON E/S	723607	TELEPHONE	AT&T	
558	736' N OF ST. CLAIR & 1ST ST. CL ON E/S	723608	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT
559	780' N OF ST. CLAIR & 1ST ST. CL ON E/S	723609	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	TRANSFORMER
560	845' N OF ST. CLAIR & 1ST ST. CL ON E/S	NO TAG	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT
561	883' N OF ST. CLAIR & 1ST ST. CL ON E/S	723610	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	
562	935' N OF ST. CLAIR & 1ST ST. CL ON E/S	723611	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	TRANSFORMER
563	982' N OF ST. CLAIR & 1ST ST. CL ON E/S	723612	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT
564	942' N OF ST. CLAIR & 1ST ST. CL ON E/S	747041	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	PHONE DIP
565	940' N OF ST. CLAIR & 1ST ST. CL ON E/S	NO TAG	NO UTILITIES		
566	572' N OF ST. CLAIR & 1ST ST. CL ON E/S	747042	ELECTRIC	AMEREN ELECTRIC	GUY TO SW



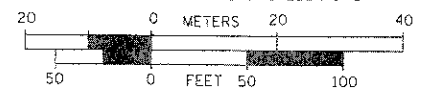
Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction. All sheets are printed in black and white. Color copies are available upon request.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



TBE GROUP, INC. CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL PLANNING • UTILITY ENGINEERING/LOCATING



Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

FILE NAME =	USER NAME =	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES *60-108
#FILE#	PLOT SCALE = 1" = 50'	CHECKED JB	REVISED
	PLOT DATE = #DATE#	DATE 9/15/09	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION 82-1R	COUNTY St. Clair	TOTAL SHEETS 294	SHEET NO. 99
FED. ROAD DIST. NO.		ILLINOIS Job No.:		DT098T0661T008

TBE Job No. 1109500501-602-603-604, 607-608-609 SUE Plan Page: 13 of 35

PTB NO. 147T0038

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
1	4" G	14043453.467	2454521.462	415.92'	2.65'	418.57'	UTILITY QUALITY "A"
1A	6" OTHER	14043457.506	2454517.110	415.35'	3.53'	418.88'	UTILITY QUALITY "A"
2	10" W	14044682.350	2453017.574	414.06'	2.50'	416.56'	UTILITY QUALITY "A"
2A	10" UNK	14044681.786	2453017.964	411.60'	4.95'	416.55'	UTILITY QUALITY "A"
3	6" OTHER	14044655.860	2453035.794	412.20'	4.87'	417.07'	UTILITY QUALITY "A"
4	6" OTHER	14044763.701	2453141.839	411.98'	4.82'	416.80'	UTILITY QUALITY "A"
5	10" G	14045514.452	2453657.049	412.75'	3.99'	416.74'	UTILITY QUALITY "A"
6	10" G	14045453.669	2453786.431	413.30'	2.81'	416.11'	UTILITY QUALITY "A"
7	18" W	14045312.599	2453875.167	413.79'	2.21'	416.00'	UTILITY QUALITY "A"
8	4" G	14045328.282	2453854.150	413.06'	3.43'	416.49'	UTILITY QUALITY "A"
9	18" W	14045031.150	2454154.105	415.32'	3.69'	419.01'	UTILITY QUALITY "A"
10	8" W	14045034.302	2454156.332	416.21'	2.70'	418.91'	UTILITY QUALITY "A"
11	18" W	14044906.199	2454276.047	414.47'	4.24'	418.71'	UTILITY QUALITY "A"
11A	6" UNK	14044906.541	2454276.470	415.21'	3.49'	418.70'	UTILITY QUALITY "A"
12	8" W	14044909.978	2454279.395	415.34'	3.33'	418.67'	UTILITY QUALITY "A"
13	2" G	14044137.783	2452877.805	413.86'	3.02'	416.88'	UTILITY QUALITY "A"
14	20" W	14044141.767	2452881.669	413.49'	3.14'	416.63'	UTILITY QUALITY "A"
15	2" G	14044110.367	2452905.268	414.08'	2.90'	416.98'	UTILITY QUALITY "A"
16	20" W	14044114.243	2452909.581	413.08'	3.75'	416.83'	UTILITY QUALITY "A"
17	4" FOC	14042753.410	2456505.857	416.01'	3.43'	419.44'	UTILITY QUALITY "A"
18	4" G	14044112.780	2455173.719	413.31'	3.97'	417.28'	UTILITY QUALITY "A"
19	4" G	14044070.850	2455134.286	413.36'	3.59'	416.95'	UTILITY QUALITY "A"
20	8" W	14044460.669	2454720.196	414.51'	2.90'	417.41'	UTILITY QUALITY "A"
20A	8" W	14044463.632	2454721.022	414.51'	2.77'	417.28'	UTILITY QUALITY "A"
21	12" W	14044513.392	2454658.497	412.84'	5.11'	417.95'	UTILITY QUALITY "A"
22	12" W	14044576.294	2454686.329	413.53'	4.59'	418.12'	UTILITY QUALITY "A"
23	8" W	14044607.934	2454578.131	414.89'	3.16'	418.05'	UTILITY QUALITY "A"
23A	8" W	14044609.557	2454578.474	414.89'	3.21'	418.10'	UTILITY QUALITY "A"
24	12" W	14044809.485	2453210.706	411.99'	4.69'	416.68'	UTILITY QUALITY "A"
25	12" W	14044480.796	2452947.689	410.82'	6.43'	417.25'	UTILITY QUALITY "A"
26	2" UNK	14045595.790	2452674.659	412.87'	2.36'	415.23'	UTILITY QUALITY "A"
27	18" SAN	14045591.244	2452697.181	403.70'	11.64'	415.34'	UTILITY QUALITY "A"
28	12" W	14045566.072	2452744.859	409.35'	6.02'	415.37'	UTILITY QUALITY "A"
29	18" W	14045492.479	2453734.725	413.44'	2.63'	416.07'	UTILITY QUALITY "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
30	8" W	14044161.696	2452885.767	410.01'	6.90'	416.91'	UTILITY QUALITY "A"
31	16" W	14044156.860	2452881.447	414.00'	2.69'	416.69'	UTILITY QUALITY "A"
32	16" W	14044133.132	2452906.448	413.76'	3.09'	416.85'	UTILITY QUALITY "A"
33	8" W	14044136.345	2452910.838	410.15'	6.84'	416.99'	UTILITY QUALITY "A"
34	16" W	14044174.031	2452897.250	412.05'	4.69'	416.74'	UTILITY QUALITY "A"
34A	6" UNK	14044174.031	2452897.250	414.07'	2.67'	416.74'	UTILITY QUALITY "A"
35	18"X12" BT	14044175.836	2452899.292	413.94'	2.72'	416.66'	UTILITY QUALITY "A"
36	16" W	14044148.505	2452922.299	412.78'	4.07'	416.85'	UTILITY QUALITY "A"
36A	6" UNK	14044148.476	2452922.110	414.09'	2.75'	416.84'	UTILITY QUALITY "A"
37	18"X12" BT	14044150.249	2452924.065	414.04'	2.75'	416.79'	UTILITY QUALITY "A"
38	6" W	14047246.513	2449940.330	402.58'	2.31'	404.89'	UTILITY QUALITY "A"
39	6" W	14047250.708	2449919.903	402.04'	2.94'	404.98'	UTILITY QUALITY "A"
40	48" W	14047284.727	2449874.354	401.51'	3.65'	405.16'	UTILITY QUALITY "A"
41	24" W	14047268.684	2449897.339	402.80'	2.62'	405.42'	UTILITY QUALITY "A"
42	6" W	14047447.348	2450113.793	402.59'	2.79'	405.38'	UTILITY QUALITY "A"
43	6" W	14047440.457	2450134.220	402.09'	3.11'	405.20'	UTILITY QUALITY "A"
44	6" W	14047554.670	2450219.704	402.72'	2.37'	405.09'	UTILITY QUALITY "A"
45	6" W	14047535.696	2450228.748	402.33'	2.68'	405.01'	UTILITY QUALITY "A"
46	48" W	14047521.685	2449943.255	402.40'	3.50'	405.90'	UTILITY QUALITY "A"
47	24" W	14047522.312	2449962.793	403.50'	2.60'	406.10'	UTILITY QUALITY "A"
48	48" W	14047438.557	2449917.613	401.95'	3.68'	405.63'	UTILITY QUALITY "A"
49	24" W	14047428.655	2449938.495	402.96'	2.58'	405.54'	UTILITY QUALITY "A"
50	18" FM	14047419.760	2449748.990	402.25'	3.11'	405.36'	UTILITY QUALITY "A"
51	24" FM	14047417.600	2449744.130	401.01'	4.29'	405.30'	UTILITY QUALITY "A"
52	24" FM	14047502.669	2449715.552	401.51'	4.22'	405.73'	UTILITY QUALITY "A"
53	18" FM	14047504.477	2449721.132	402.51'	3.30'	405.81'	UTILITY QUALITY "A"
54	12" W	14045442.112	2452609.121	407.81'	7.02'	414.83'	UTILITY QUALITY "A"
55	8" W	14045468.223	2452602.963	410.22'	4.78'	415.00'	UTILITY QUALITY "A"
56	6" W	14045584.025	2452728.712	411.21'	4.21'	415.42'	UTILITY QUALITY "A"
57	8" W	14045402.091	2452469.726	409.95'	4.91'	414.86'	UTILITY QUALITY "A"
58	8" W	14045446.203	2452607.700	409.59'	5.28'	414.87'	UTILITY QUALITY "A"
59	8" W	14045397.747	2452504.516	411.38'	3.35'	414.73'	UTILITY QUALITY "A"

NOTES

ABBREVIATIONS

BT = TELEPHONE  
 FM = FORCE MAIN  
 FOC = FIBER OPTIC  
 G = GAS MAIN  
 SAN = SANITARY  
 UNK = UNKNOWN  
 W = WATER  
 OTHER = RETIRED GAS

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



TBE GROUP, INC.  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

TBE Job No. 1109500601,  
 602, 603, 604, 607

FILE NAME =	USER NAME =	DESIGNED EG	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project	SCALE:	SHEET NO.	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED EG	DRAWN KLC	REVISED								82-1R	St. Clair	294	100	
CHECKED JB	DATE 2/13/09	REVISED								PTB NO. 147-038				
PLGT DATE = #DATE#		REVISED								FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-06				