08-05-11 LETTING ITEM 086

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 998 (RELOCATED I-70)
SECTION 82-2-1HVB-1

ST. CLAIR COUNTY
C-98-021-11

PROPOSED RELOCATED IL ROUTE 3 BRIDGE OVER RELOCATED I-70 AND I-70 RAMP RETAINING WALLS

LIST OF STRUCTURAL WORK

RELOCATED IL RTE 3 OVER I-70
STR. NO. 082-0328 PROPOSED RELOCATED IL RTE 3 BRIDGE
STATION 1683+43.17, LENGTH = 174'.

RELOCATED IL RTE 3 OVER TRRA AND ST. CLAIR AVE.
STR. NO. 082-0329 PROPOSED RELOCATED IL RTE 3 BRIDGE
STATION 1679+16.65, LENGTH = 399'.

STRUCTURE NO. 082-W308 (650') & 082-W309 (800')
PROPOSED MSE WALLS.
ALL CONSTRUCTED IN THIS CONTRACT.

FOR INDEX OF SHEETS, SEE SHEET NO. 2

INTERSTATE 70
ADT = 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) 3,476(30) PRINCIPAL ARTERIAL 18.46 (PCC-20)
DESIGN SPEED = 45 MPH
POSTED SPEED = 40 MPH

RAMPS A-D
DESIGN SPEED = 50 MPH AT GORE, 35 MPH AT END
POSTED SPEED = 30 MPH
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 = 16,640 (2030)
RAMP D ADT = 16,640 (2030)

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 (2008), 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 (2008), 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

1"=100' ; 1"=10' ; 1"=50' ; 1"=40' ; 1"=30' ; 1"=20'

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

PR. REL IL ROUTE 3 BRIDGE
S.N. 082-0328 STA. 1683+43.17

PR. REL IL ROUTE 3 BRIDGE
S.N. 082-0329 STA. 1679+16.65

CONTRACT LIMITS
STA. 1693+28.38
SECTION 82-2-1HVB-1
PROPOSED REL. IL ROUTE 3
GRADING LIMITS 1689+00

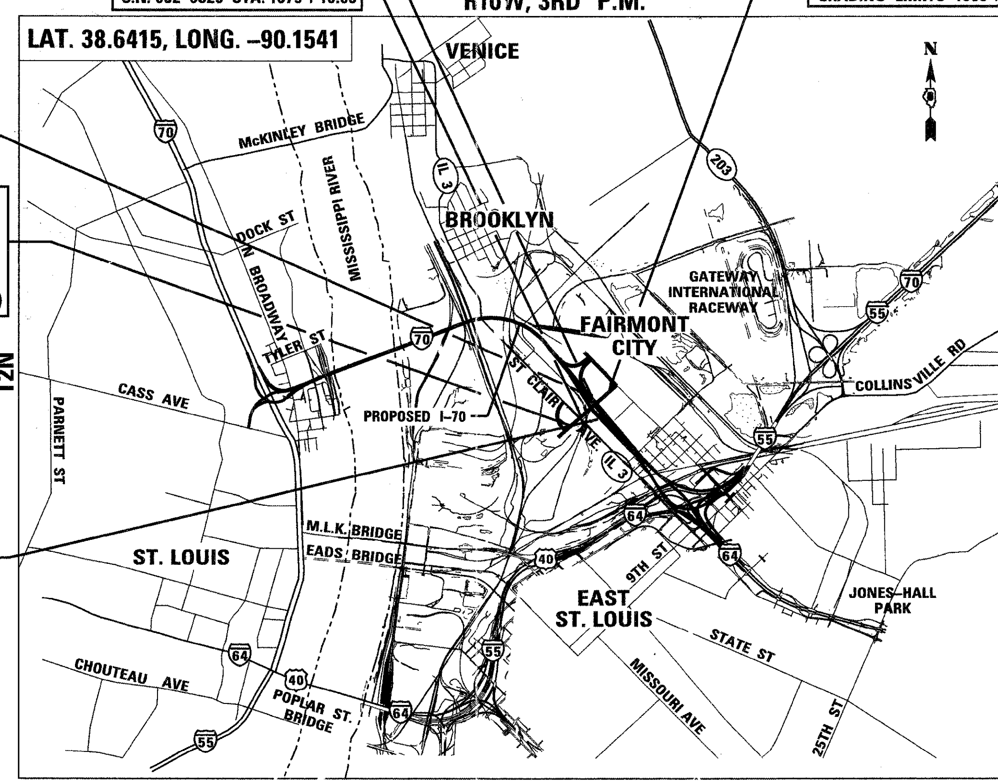
RETAINING WALL
S.N. 082-W308
STA. 170+00 TO 176+50

CONTRACT LIMITS STA. 1671+00.00
SECTION 82-2-1HVB-1
PROPOSED F.EL. IL ROUTE 3
GRADING LIMITS STA. 1673+00
(SEE STRUCTURAL WORK DESCRIPTION IN UPPER LEFT CORNER)

RETAINING WALL
S.N. 082-W309
STA. 801+75 TO 809+75

R10W, 3RD P.M.

LAT. 38.6415, LONG. -90.1541



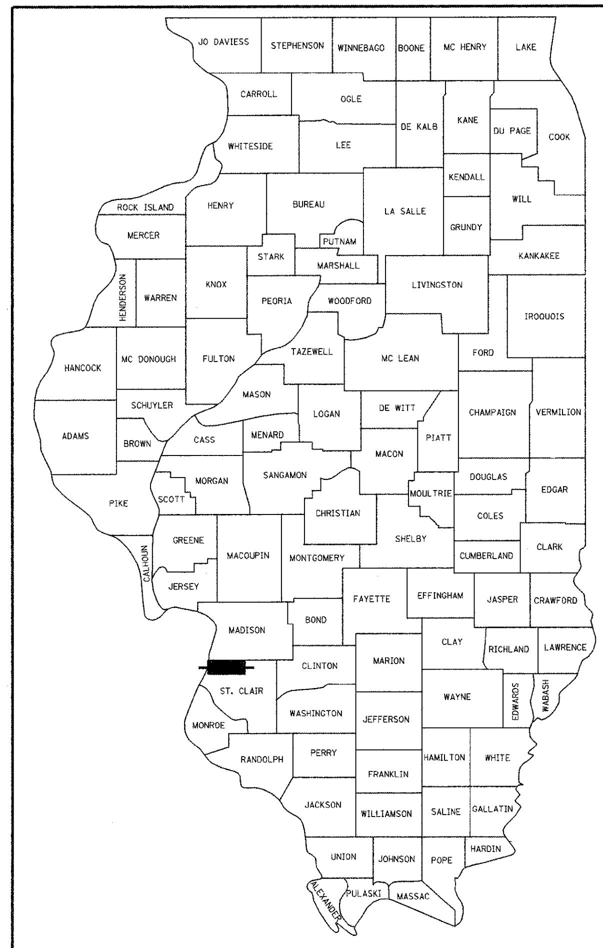
0 1 MI 2 MI 3 MI
SCALE

CANTEEN TOWNSHIP

GROSS LENGTH OF PROJECT:
0.422 MI (2,228.38')

NET LENGTH OF PROJECT:
0.314 MI (1,656.26')

D-98-059-08



LOCATION OF SECTION INDICATED THUS:-

ROBERT J. STERN 062-040104 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

ROBERT J. STERN
EXPIRES: 11/30/11
DATE : 5/5/11
SHEETS: 1-75, 108-114, 313-345

STATE OF ILLINOIS BYRON T. DANLEY 081-004737 CHICAGO IL LICENSED STRUCTURAL ENGINEER

BYRON T. DANLEY
EXPIRES: 11/30/12
DATE : 5/5/11
SHEETS: 122-312

FRANCIS S. MACK 062-042527 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

FRANCIS S. MACK
EXPIRES: 11/30/11
DATE : 5/5/11
SHEETS: 115-121

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

ABNA engineering

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 17 2011
M. C. Lamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 1 2011
Scott E. Stitt, P.E. for
acting ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2011
Christine M. Reed for
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

CONTRACT NO. 76D05

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM.

INDEX OF SHEETS

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	-05	TEMPORARY EROSION CONTROL SYSTEMS
420001	-07	PAVEMENT JOINTS
420101	-04	24' JOINTED PCC PAVEMENT
420106	-04	36' JOINTED PCC PAVEMENT
420111	-03	PCC PAVEMENT ROUNDOUTS
420401	-08	BRIDGE APPRAOCH PAVEMENT CONNECTOR
483001	-04	PCC SHOULDER
515001	-03	NAME PLATE FOR BRIDGES
542301	-03	PRECAST REINFORCED CONCRETE END SECTIONS
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
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
606001	-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301	-04	PC CONCRETE ISLANDS AND MEDIANS
664001	-02	CHAIN LINK FENCE
701001	-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006	-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011	-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301	-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501	-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901	-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. 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

   METRO EAST SANITARY DISTRICT (M.E.S.D.) - TRIPLE CELL BOX CULVERT, 5' X 5' COMBINED SEWER BOX

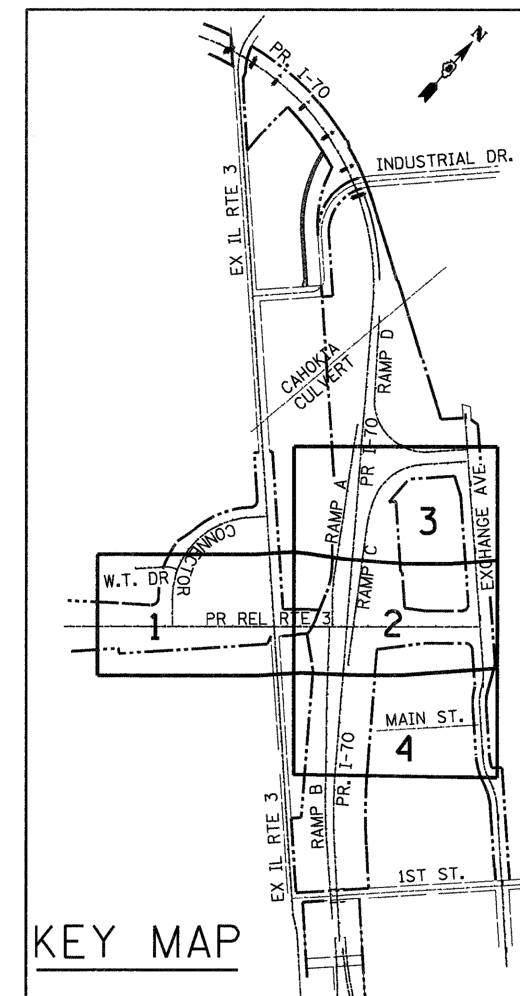
   MEMBERS OF J.U.L.I.E. (800-892-0123) AREA INDICATED BY AN •. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
2. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE PLANS AND SPECIAL PROVISION FOR STATUS OF UTILITIES TO BE ADJUSTED FOR POTENTIAL UTILITY CONFLICTS.
3. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THERE ARE WATER MAINS MAINTAINED BY THE ILLINOIS AMERICAN WATER COMPANY (IAWC) WITHIN THE R.O.W. THE CONTRACTOR SHALL LOCATE THE WATER MAIN LOCATIONS IN CONJUNCTION WITH IAWC PRIOR TO COMMENCEMENT OF CONSTRUCTION IN THESE AREAS.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. 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.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL OVERHEAD, SURFACE, AND UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS WHETHER OR NOT THE UTILITIES ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR RELOCATED BY THE CONTRACTOR AT HIS/ HER OWN EXPENSE.
7. THE CONTRACTOR SHALL USE CARE IN 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.
8. 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
9. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE STATE ARCHAELOGICAL ENGINEER - JOSEPH M. GALLOY, Ph.D., RPA (618) 251-3922 - 14 WORKING DAYS PRIOR TO START OF ANY PAVEMENT OR FOUNDATION REMOVAL.
10. REMOVAL OF ANY EXISTING CURB AND GUTTER EMBEDDED IN BITUMINOUS PAVEMENT OR SHOULDER SHALL NOT BE MEASURED FOR REMOVAL, BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL ITEM.
11. THE EXISTING TOPOGRAPHY SHOWN ON THE PLANS REFLECTS THE FINAL CONDITION AFTER THE COMPLETION OF CONTRACTS 76C39, 76C40, 76C44, 76C68, 76C69, AND GRADING FROM CONCURRENT CONTRACT 76C41 AND DOES NOT NECESSARILY REFLECT CURRENT FIELD CONDITIONS.
12. THE CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING NEAR ANY RAILROAD LINE. THE DETAIL SHOWN ON SHEET 112 SHALL BE THE MINIMUM REQUIREMENTS FOR EXCAVATION IN THE VICINITY OF ANY RAILROAD.
13. THE SCOPE OF THE CONTRACT PLANS INCLUDE THE REMOVAL OF BOTH 'VERIFIED' AND 'UNVERIFIED' UTILITY STRUCTURES, FIRE HYDRANTS, WATER MAIN, AND SEWERS WITHIN THE PROPOSED RIGHT OF WAY AS SPECIFIED AT THE LOCATIONS ON THE CONTRACT PLANS. THE PROCEDURE FOR THE REMOVAL OF THESE UTILITIES WILL BE PER THE SPECIAL PROVISION FOR "GUIDELINES FOR UNDERGROUND UTILITY REMOVALS".
16. ABBREVIATIONS: T.E. = TEMPORARY EASEMENT, P.E. = PERMANENT EASEMENT.
17. ALL DOWEL BARS AND TIE BARS UTILIZED IN PCC PAVEMENT SHALL BE EPOXY COATED.
18. 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.
19. THE "ONE CALL" SERVICES WILL NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROADS REPRESENTATIVE 2 DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT BRUCE RENO OF TERMINAL RAILROAD AT (618) 451-8427 TO REQUEST THIS SERVICE.

GENERAL NOTES (CONTINUED)

20. SETTLEMENT PLATFORMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR FURNISHED EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
21. FOR PAVEMENT REMOVAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR VARIATIONS FROM ASSUMED THICKNESS OR FROM THE THICKNESS SHOWN ON THE PLANS.
22. 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, CONCRETER 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 8 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.
23. THE RIGHT-OF-WAY SHOWN ON THE PLAT OF HIGHWAYS SHALL SUPERCEDE THE RIGHT-OF-WAY SHOWN ON ALL OTHER SHEETS.

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. THIS WORK SHALL BE PAID FOR AS SEALING ABANDONED WATER WELLS. FORMS FOR SEALING WATER WELLS CAN BE OBTAINED FROM THE ENGINEER.
2. THE TREE REMOVALS WILL BE MITIGATED IN A FUTURE CONTRACT AS PART OF THE IDOT TREE REPLACEMENT PROGRAM UNDER DEPARTMENT POLICY D & E-18.
3. 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.



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

INDEX OF SHEETS HIGHWAY STANDARDS AND GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	2
		CONTRACT NO. 76D05		

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

ARCHAEOLOGICAL EXCAVATION PITS

1. THE CONTRACTOR SHALL BE ADVISED THAT ARCHAEOLOGICAL EXPLORATORY EXCAVATION MAY BE ONGOING WITHIN THE I-70 RIGHT OF WAY AND ADJACENT CONTRACTS DURING THIS CONTRACT. CONTRACTOR IS DIRECTED TO SPECIAL PROVISIONS FOR EARTH EXCAVATION (SPECIAL) AND ARCHAEOLOGICAL EXCAVATION COORDINATION.

2. SOME VARIATIONS IN REMOVAL QUANTITIES AND FURNISHED EMBANKMENT QUANTITIES DUE TO ONGOING ADJACENT CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ARCHAEOLOGICAL INVESTIGATION IS TO BE EXPECTED. ADJUSTMENTS FOR SUCH VARIATIONS SHALL BE MADE IN THE FIELD BY THE ENGINEER. ALL REMOVAL ITEMS THAT HAVE BEEN DISPLACED DUE TO ONGOING ADJACENT CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ ARCHAEOLOGICAL INVESTIGATION, BUT REMAIN ON SITE, MUST BE REMOVED BY THE CONTRACTOR PER THE CONTRACT PLANS. QUANTITIES FOR REMOVAL ITEMS THAT NO LONGER REMAIN ON SITE SHALL BE SUBTRACTED FROM THE CONTRACT IN ACCORDANCE WITH ARTICLE 104.02.

3. ARCHAEOLOGICAL EXCAVATION PITS WHICH HAVE BEEN PREVIOUSLY EXCAVATED AND BACKFILLED BY OTHERS MAY BE PRESENT WITHIN THE CONTRACT LIMITS. ANY SUCH ARCHAEOLOGICAL EXCAVATION PIT AREAS WHICH LIE UNDER FUTURE ROADWAY EMBANKMENT WILL BE IDENTIFIED BY THE ENGINEER FOR RE-EXCAVATION AND RE-COMPACTION PER THE SPECIAL PROVISION FOR "EARTH EXCAVATION (SPECIAL)". UNUSED QUANTITY OF EARTH EXCAVATION (SPECIAL) SHALL BE SUBTRACTED FROM THE CONTRACT IN ACCORDANCE WITH 104.02.

EROSION AND SEDIMENT CONTROL

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.

2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE 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. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.

7. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE - SEEDING, CLASS 7 (SPECIAL)) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, TEMPORARY SEEDING, EROSION CONTROL BLANKETS 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 FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. 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. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.

14. 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.

SUMMARY OF QUANTITIES

			100% STATE URBAN	ST. CLAIR COUNTY ROADWAY	BRIDGE REL. IL ROUTE 3	RET. WALL RAMPS	LIGHTING
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0001	0008	0040	0021
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32	32			
20100500	TREE REMOVAL, ACRES	ACRE	3.5	3.5			
20200100	EARTH EXCAVATION	CU YD	4,445	4,445			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	9,624	9,624			
20400800	FURNISHED EXCAVATION	CU YD	173,670	173,670			
20800150	TRENCH BACKFILL	CU YD	906	906			
20900110	POROUS GRANULAR BACKFILL	CU YD	272	272			
25000305	SEEDING, CLASS 3A	ACRE	1.25	1.25			
25100115	MULCH, METHOD 2	ACRE	15.75	15.75			
25100630	EROSION CONTROL BLANKET	SQ YD	76,230	76,230			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,575	1,575			
28000305	TEMPORARY DITCH CHECKS	FOOT	60	60			
28000400	PERIMETER EROSION BARRIER	FOOT	8,454	8,454			
28000510	INLET FILTERS	EACH	22	22			
28100107	STONE RIPRAP, CLASS A4	SQ YD	59	59			
28200200	FILTER FABRIC	SQ YD	59	59			
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	4,292	4,292			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	100	100			
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	4,120	4,120			
42001300	PROTECTIVE COAT	SQ YD	7,717	7,717			
44000100	PAVEMENT REMOVAL	SQ YD	827	827			
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	120	120			
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	319	319			
50200100	STRUCTURE EXCAVATION	CU YD	2,520		1085	1,435	
50300225	CONCRETE STRUCTURES	CU YD	1,360.9		1,299.8	61.1	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	2,752.2	1,261.1	1,491.1		
50300260	BRIDGE DECK GROOVING	SQ YD	3,320		3,320		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	8,561			8,561	
50300300	PROTECTIVE COAT	SQ YD	7,939	2,947	4,992		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1		
50500505	STUD SHEAR CONNECTORS	EACH	22,449		22,449		

• DENOTES SPECIALTY ITEMS

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

SUMMARY OF QUANTITIES 1

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	4
		CONTRACT NO. 76D05		

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

..\DBCONN-10-BORDER1.DGN, ..\DBCONN-10-SQ01.DGN, ..\DBCONN-99-MOTIF1.DGN, ..\DBCONN-10-LEGEND1.DGN, ..\DBCONN-11-MOTIF1.DGN
5-12-2011, 12:38:44 NEWMANMD \\FS-0044\AMS\VAULT\D-TRANS 07\2202\20868-001\CIVIL\CADD\99 ALL CONTRACTS\CONNSHEETS CONTRACT 10\DBCONN-10-SHT-SUMMARY1.DGN

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	ST. CLAIR COUNTY ROADWAY	BRIDGE REL. IL ROUTE 3	RET. WALL RAMPS	LIGHTING
				CONSTRUCTION TYPE CODE 0001	0008	0040	0021
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	720,290	174,520	539,430	6,340	
50800515	BAR SPLICERS	EACH	283		283		
50901730	BRIDGE FENCE RAILING	FOOT	1,302		1,302		
51100100	SLOPE WALL 4 INCH	SQ YD	785		785		
51200958	FURNISHING METAL SHELL PILES 14" X 0.250"	FOOT	10,291		10,291		
51202305	DRIVING PILES	FOOT	10,291		10,291		
51203200	TEST PILE METAL SHELLS	EACH	7		7		
51500100	NAME PLATES	EACH	2		2		
52000110	PREFORMED JOINT STRIP SEAL	FOOT	273		273		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	17		17		
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	21		21		
52100520	ANCHOR BOLTS, 1"	EACH	74		74		
52100540	ANCHOR BOLTS, 1 1/2"	EACH	96		96		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	16	16			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	233	233			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,256	1,256			
55100200	STORM SEWER REMOVAL 6"	FOOT	43	43			
55100300	STORM SEWER REMOVAL 8"	FOOT	311	311			
55100500	STORM SEWER REMOVAL 12"	FOOT	214	214			
55100700	STORM SEWER REMOVAL 15"	FOOT	116	116			
55100800	STORM SEWER REMOVAL 16"	FOOT	183	183			
55100900	STORM SEWER REMOVAL 18"	FOOT	172	172			
58700300	CONCRETE SEALER	SQ FT	5,246		5,246		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	106		106		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	10	10			
60107700	PIPE UNDERDRAINS 6"	FOOT	150	150			
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2			
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	10	10			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	2			

• DENOTES SPECIALTY ITEMS

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

SUMMARY OF QUANTITIES 2

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	5
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

			100% STATE URBAN	ST. CLAIR COUNTY			
				ROADWAY	BRIDGE REL. IL ROUTE 3	RET. WALL RAMPS	LIGHTING
				CONSTRUCTION TYPE CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0001	0008	0040	0021
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	7	7			
60602800	CONCRETE GUTTER, TYPE B	FOOT	1,501	1,501			
X6063100	CONCRETE GUTTER TRANSITION (SPECIAL)	FOOT	66	66			
60605000	COMBINATION CONCRETE CURB AND GUTTER,TYPE B-6.24	FOOT	152	152			
60609000	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (SPECIAL)	FOOT	29	29			
60610800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (SPECIAL)	FOOT	23	23			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4,528	4,528			
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	60	60			
63200310	GUARDRAIL REMOVAL	FOOT	26	26			
66400305	CHAIN LINK FENCE, 6'	FOOT	198	198			
66402900	CHAIN LINK GATES, 6' X 6' SINGLE	EACH	1	1			
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,000	2,000			
• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
• 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4			
67100100	MOBILIZATION	L SUM	1	1			
72000100	SIGN PANEL - TYPE 1	SQ FT	4	4			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
80300100	LOCATING UNDERGROUND CABLE	FOOT	50				50
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1
81012700	CONDUIT IN TRENCH, 2½" DIA., PVC	FOOT	150				150
~~81018600~~	~~CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL~~	~~FOOT~~	~~150~~				~~150~~
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	285				285
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	340				340
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2				2
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1				1
81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	300				300
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	205				205
82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	6				6
82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1				1
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	33				33
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	1	1			
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	1,588	1,588			
X0325155	REMOVE ABANDONED GAS MAIN	FOOT	172	172			

• DENOTES SPECIALTY ITEMS

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

USER NAME = $USER$ | PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$

DESIGNED - JB | REVISED -
DRAWN - JB | REVISED -
CHECKED - ACL | REVISED -
DATE - 05/13/11 | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

SUMMARY OF QUANTITIES 3

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	6

CONTRACT NO. 76D05

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

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE URBAN TOTAL QUANTITY	ST. CLAIR COUNTY ROADWAY (CONSTRUCTION TYPE CODE 0001)	BRIDGE REL. IL ROUTE 3 (0008)	RET. WALL RAMPS (0040)	LIGHTING (0021)								
X0325833	WICK DRAINS	FOOT	73,200	73,200											
X0326802	UTILITY STRUCTURE REMOVAL	EACH	15	15											
X0326807	CONCRETE BARRIER WALL (SPECIAL)	FOOT	1,142	1,142											
X0326936	CONTRACTOR DESIGNED GROUND IMPROVEMENT	L SUM	1	1											
X2010505	CLEARING, SPECIAL	L SUM	1	1											
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	5,000	5,000											
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	238		238										
X2501845	SEEDING, CLASS 7 (SPECIAL)	ACRE	14.50	14.50											
X4020700	AGGREGATE SURFACE COURSE, TYPE B 8"	SQ YD	2,152	2,152											
X5610704	WATER MAIN REMOVAL, 4"	FOOT	411	411											
X5610708	WATER MAIN REMOVAL, 8"	FOOT	263	263											
X5610710	WATER MAIN REMOVAL, 10"	FOOT	172	172											
X5610712	WATER MAIN REMOVAL, 12"	FOOT	912	912											
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	670	670											
X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	853			853									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1											
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	7,037	7,037											
Z0002005	ATTENUATOR BASE	SQ YD	13	13											
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	56	56											
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,000	1,000											
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1											
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	11		11										
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1											
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	21,501			21,501									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	213		213										
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1											
Z0056100	SAND DRAINAGE BLANKET	CU YD	5,010	5,010											
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	10	10											
[redacted] Z0076602	TRAINEES ,SPECIAL	HOUR	5,000	5,000											
X5610737	WATER MAIN REMOVAL, 36" (SPECIAL)	FOOT	222	222											
81300915	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20"x 20"X 8"	EACH	2				2								
* X8700510	ELECTRIC CABLE ASSEMBLY IN TRENCH, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	52				52								

• DENOTES SPECIALTY ITEMS

[redacted]0042

5-12-2011, 12:39:08 NEWMANMD

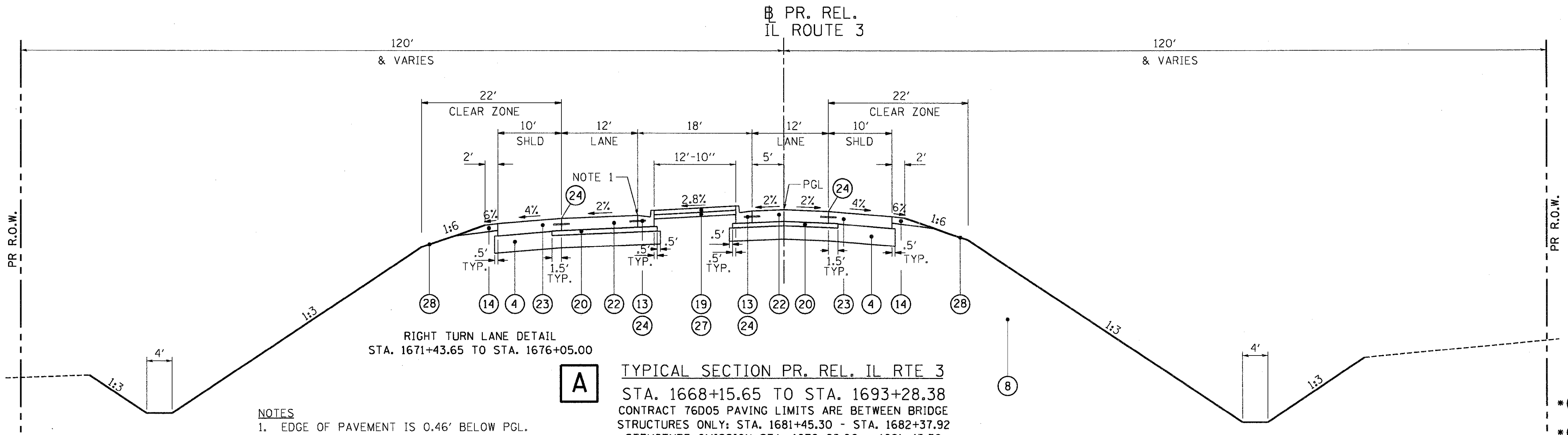
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3		998	82-2-1HVB-1	ST. CLAIR	345	7
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 76D05				
		DATE - 05/13/11	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

			100% STATE URBAN	ST. CLAIR COUNTY											
				ROADWAY	BRIDGE REL. IL ROUTE 3	RET. WALL RAMPS	LIGHTING								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE											
				0001	0008	0040	0021								
• X7340102	CONCRETE FOUNDATION, STREET LIGHTING CONTROLLER	EACH	1				1								

• DENOTES SPECIALTY ITEMS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES 5	F.A.P. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR	TOTAL SHEETS 345	SHEET NO. 8
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76D05		
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE - 05/13/11	REVISED -							



A

TYPICAL SECTION PR. REL. IL RTE 3

STA. 1668+15.65 TO STA. 1693+28.38

CONTRACT 76D05 PAVING LIMITS ARE BETWEEN BRIDGE STRUCTURES ONLY: STA. 1681+45.30 - STA. 1682+37.92
STRUCTURE OMISSION STA. 1676+88.00 - 1681+45.30
AND FROM STA. 1682+37.92 - 1684+69.18
FOR GROUND IMPROVEMENT, SEE RAMPS A & B TYPICAL SECTIONS

NOTES
1. EDGE OF PAVEMENT IS 0.46' BELOW PGL.
2. SEE SHEET 108 FOR ADDITIONAL JOINTS AT REL IL 3 & RAMP A, B INTERSECTION.

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE

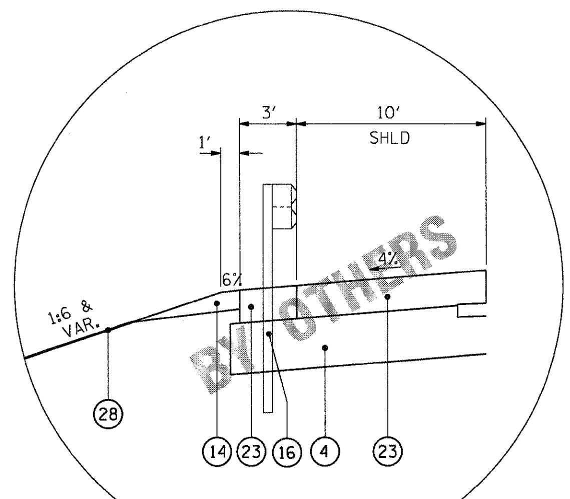
PROPOSED LEGEND

- * (1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- * (2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- * (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- * (7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- * (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- * (11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- * (12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- * (16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- * (18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- * (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB
- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

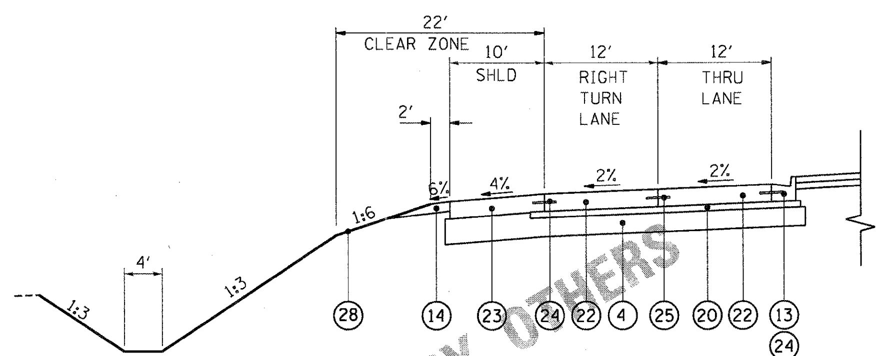
ALL TIE BARS SHALL BE EPOXY COATED

* = BY OTHERS

[box] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

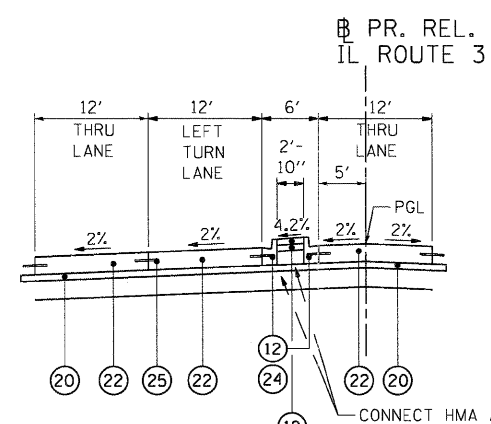


GUARDRAIL DETAIL



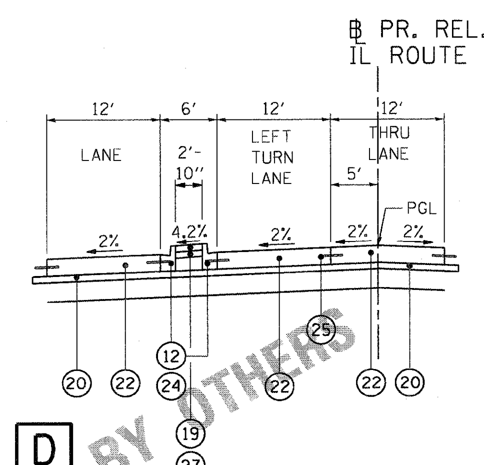
B

STA. 1671+43.65 TO STA. 1674+05.00
RIGHT TURN LANE DETAIL
12' RIGHT TURN LANE STA. 1671+43.65 TO STA. 1674+05.00
TAPER FROM STA. 1674+05.00 TO STA. 1676+05.00
(BY OTHERS)



C

STA. 1683+42.51 TO STA. 1685+27.51
LEFT TURN LANE DETAIL
12' LEFT TURN LANE STA. 1683+42.51 TO STA. 1685+27.51
TAPER FROM STA. 1685+27.51 TO STA. 1687+27.51
PORTIONS OF LEFT TURN LANE ON STRUCTURE



D

STA. 1689+77.98 TO STA. 1692+39.98
LEFT TURN LANE DETAIL
12' LEFT TURN LANE STA. 1689+77.98 TO STA. 1692+39.98
TAPER FROM STA. 1687+77.98 TO STA. 1689+77.98
(BY OTHERS)

REL IL RTE 3

STRUCTURAL DESIGN TRAFFIC: YEAR 2030

PV = 23,810 SU = NA MU = 2,646

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 50% S = NA M = 50%

TRAFFIC FACTOR ACTUAL TF = 18.46 AC TYPE = 20

MINIMUM TF = 6.70

PG GRADE: BINDER = NA SURFACE = NA

SUBGRADE SUPPORT RATING:

SSR = POOR

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

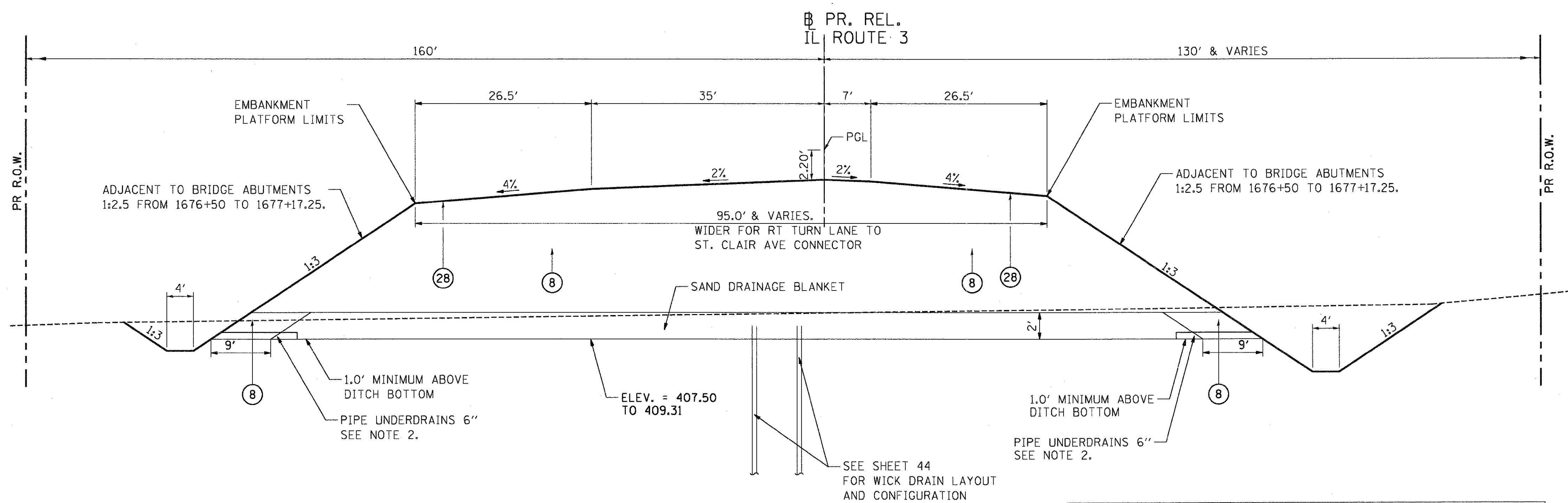
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED IL ROUTE 3
TYPICAL SECTIONS 1

SCALE: N.T.S. | SHEET NO. 1 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	9
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

5-11-2011, 10:50:01 NEWMANMD ..\DBCONN-99-MOTIF1.DGN, ..\DBCONN-10-BORDER1.DGN, ..\DBCONN-10-LEGEND1.DGN, ..\DBCONN-11-MOTIF1.DGN, ..\DBCONN-05-MOTIF1.DGN \\FS-0244\AM\VAULT\D-TRANS.07\2202\20868-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\DBCONN-10-SHT-TYPICAL1.DGN

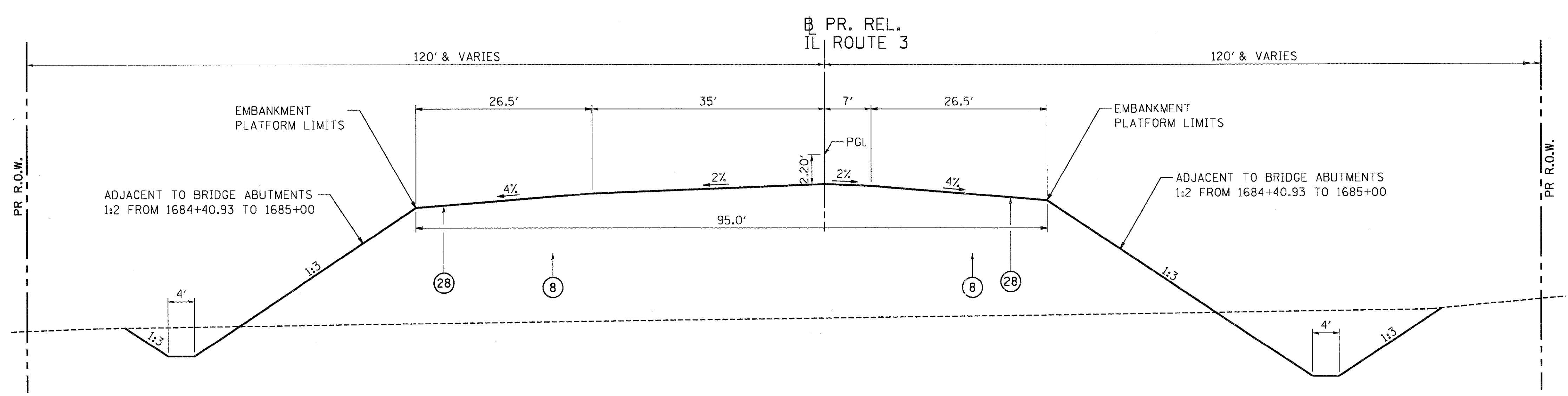


E TYPICAL SECTION PR. REL. IL RTE 3

STA. 1673+00.00 TO STA. 1676+88.00

PR. REL. IL RTE 3 EMBANKMENT LIMITS
FUTURE PAVEMENT SECTION NOT SHOWN

NOTE 2:
PIPE UNDERDRAINS USED TO OUTLET THE SAND DRAINAGE BLANKET SHALL BE CAPPED AT THE UPSTREAM END AND SHALL HAVE A CONCRETE HEADWALL FOR PIPE DRAINS AT THE EMBANKMENT SIDESLOPE. THE ADDTIONAL COST OF THE CAP SHALL BE INCLUDED IN THE UNDERDRAIN ITEMS. THE HEADWALLS SHALL BE PAID FOR SEPARATELY.



F TYPICAL SECTION PR. REL. IL RTE 3

STA. 1684+69.18 TO STA. 1689+00.00

PR. REL. IL RTE 3 EMBANKMENT LIMITS
FUTURE PAVEMENT SECTION NOT SHOWN

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE

PROPOSED LEGEND

- * (1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- * (2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- * (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- * (7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- * (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- * (11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- * (12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- * (16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- * (18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- * (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB

ALL TIE BARS SHALL BE EPOXY COATED

- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

* = BY OTHERS

[ ] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

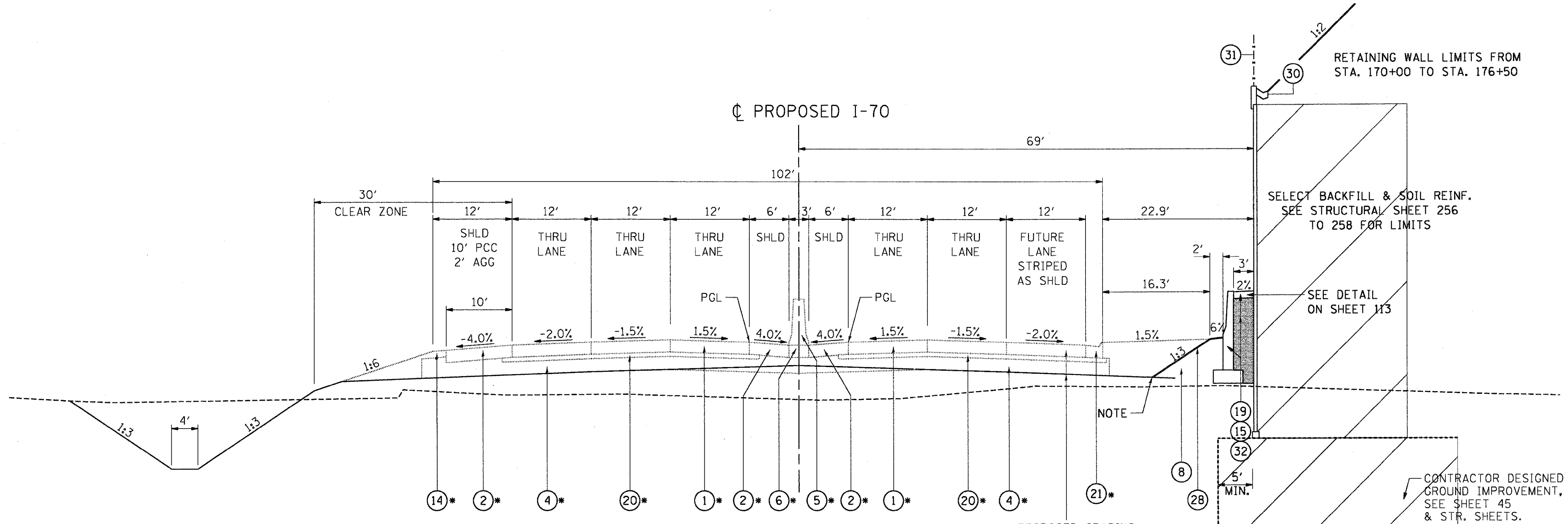
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED IL ROUTE 3
TYPICAL SECTIONS 2

SCALE: N.T.S. | SHEET NO. 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	10
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



G

PROPOSED I-70 TYPICAL SECTION
STA. 164+00 TO STA. 182+00

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE

PROPOSED LEGEND

- * (1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- * (2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- * (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- * (7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- * (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- * (11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- * (12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- * (16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- * (18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- * (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB

ALL TIE BARS SHALL BE EPOXY COATED

- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

* = BY OTHERS

[ ] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

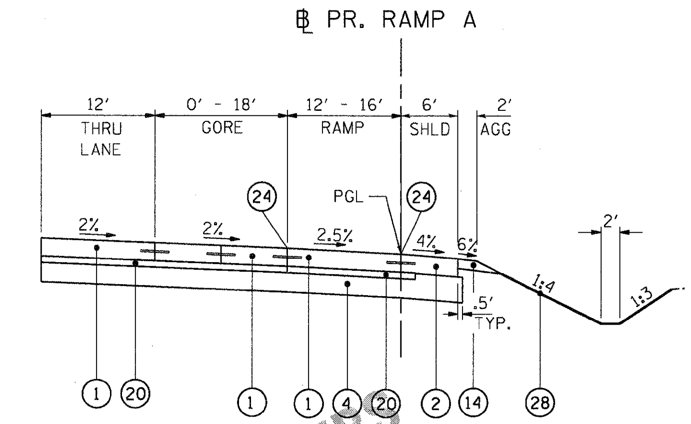
PROPOSED I-70
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 3 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	11
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING LEGEND

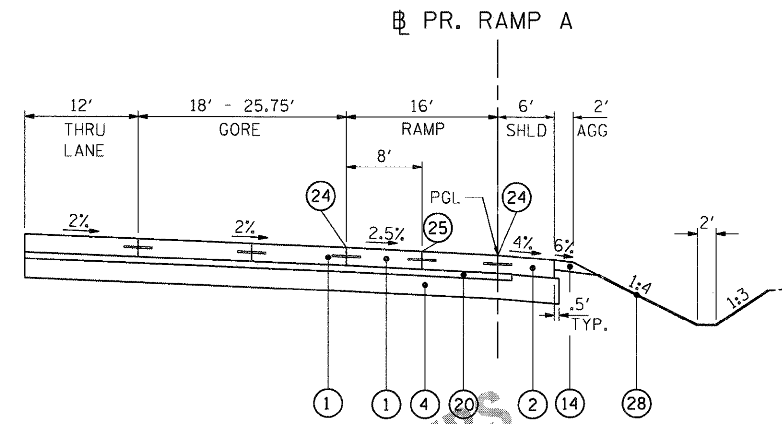
- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE



H PROPOSED RAMP A TYPICAL SECTION

STA. 11+72.03 TO STA. 14+86.85

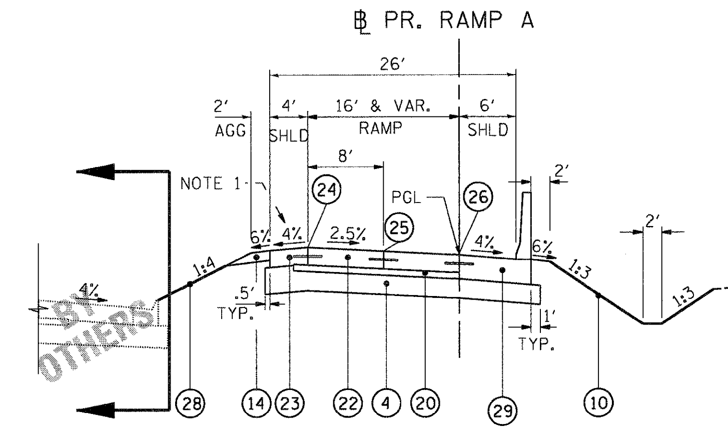
(BY OTHERS)



I PROPOSED RAMP A TYPICAL SECTION

STA. 14+86.85 TO STA. 15+98.18

(BY OTHERS)

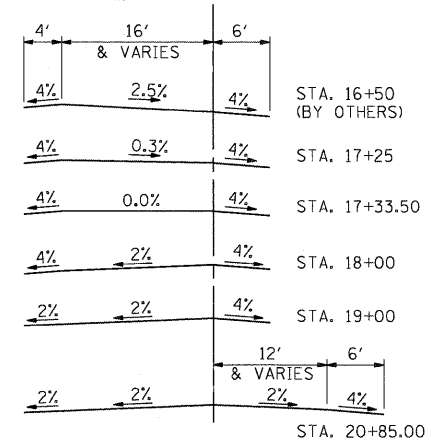


J PROPOSED RAMP A TYPICAL SECTION

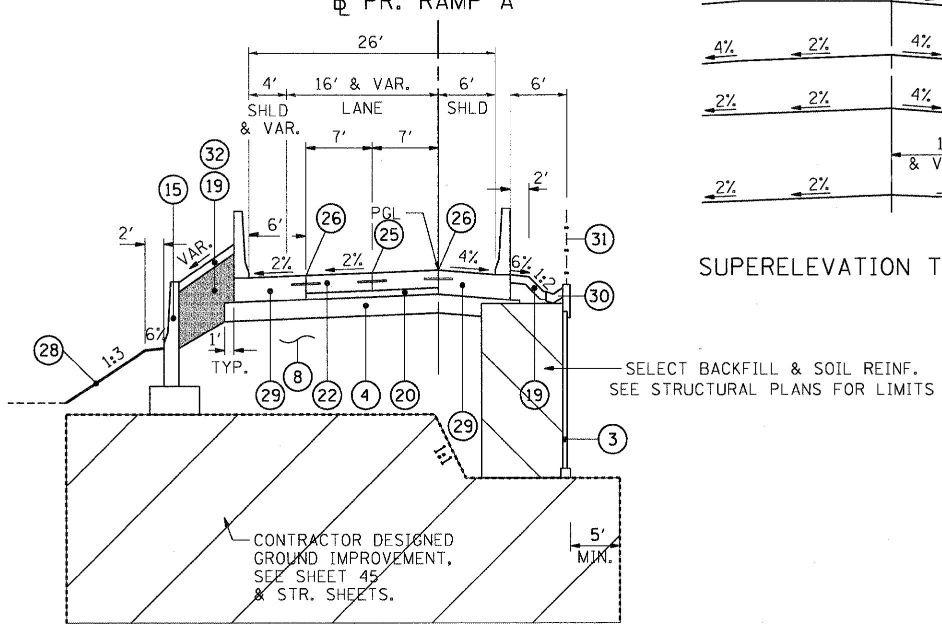
STA. 15+98.18 TO STA. 19+00.00

S.E. TRANSITION 16+50.00 (+2.5%) TO 18+00.00 (-2.0%)
CONSTRUCTION LIMITS BEGIN AT STA. 17+25
GROUND IMPROVEMENT LIMITS BEGIN AT STA. 18+00

NOTE 1:
SHOULDER TRANSITIONS FROM 4% (18+50) TO 2% (19+00.32) TO MATCH ANCHORAGE SLAB.

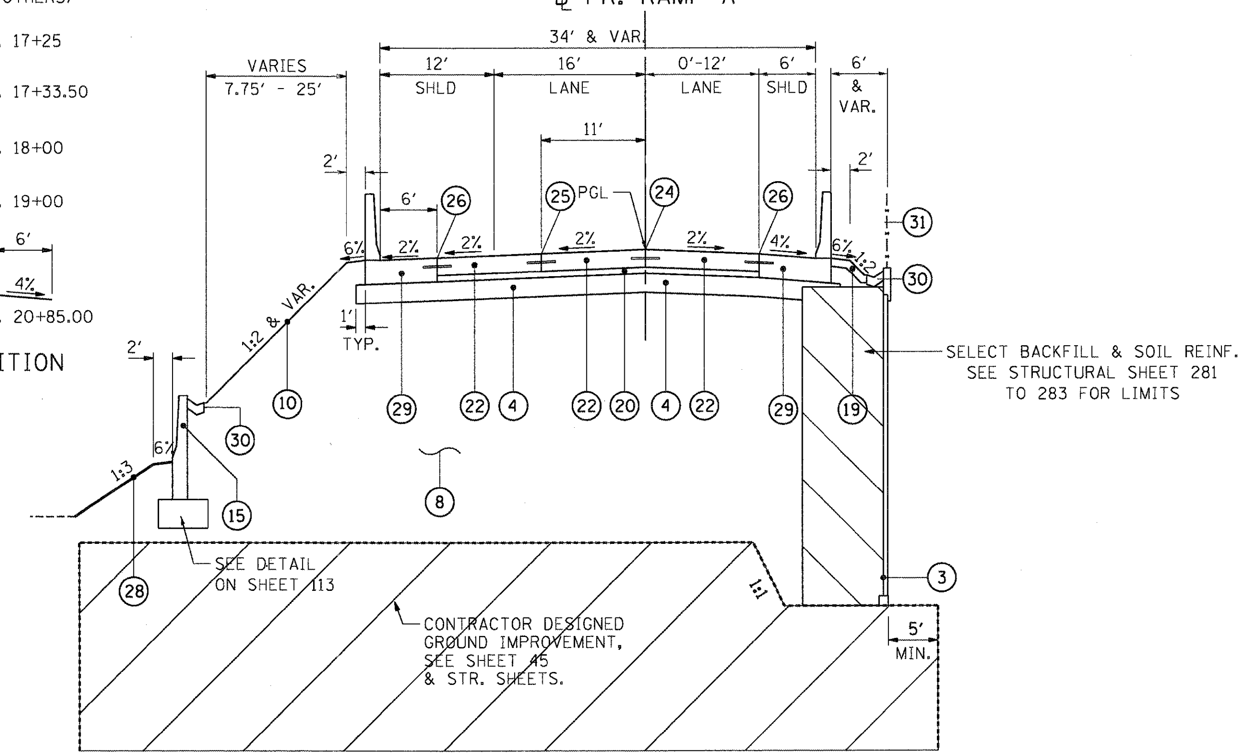


SUPERELEVATION TRANSITION



K PROPOSED RAMP A TYPICAL SECTION

STA. 19+00.00 TO STA. 20+10.86



L PROPOSED RAMP A TYPICAL SECTION

STA. 20+10.86 TO STA. 22+19.10

PROPOSED LEGEND

- *(1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- *(2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- *(5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- *(7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- *(9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- *(11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- *(12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- *(16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- *(18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- *(21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB

  ALL TIE BARS SHALL BE EPOXY COATED
- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

* = BY OTHERS

[ ] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

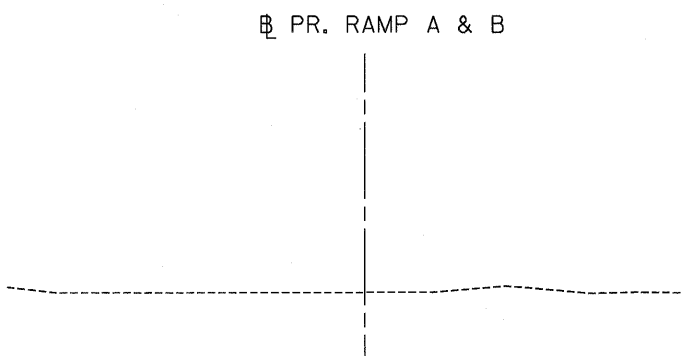
PROPOSED RAMP A
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 4 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	12
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RAMP A

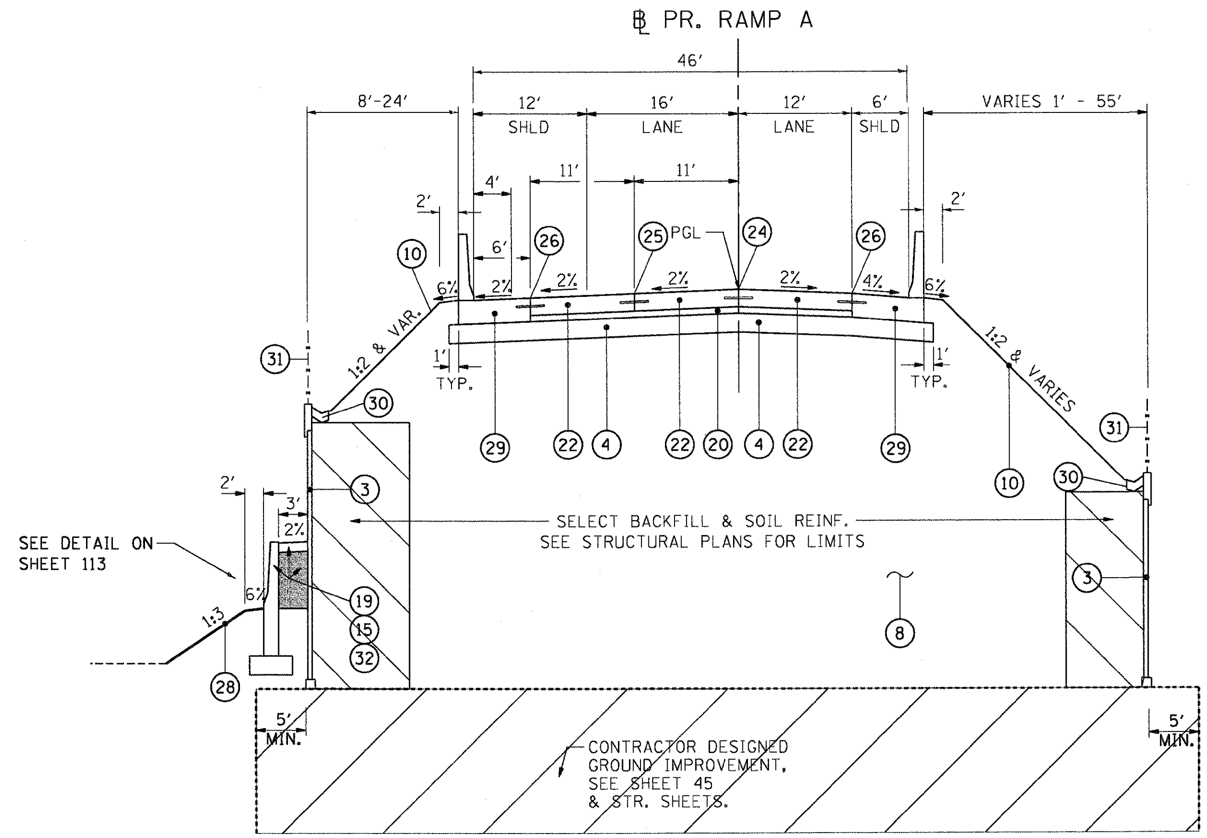
STRUCTURAL DESIGN TRAFFIC:		YEAR 2030
PV = 9,221	SU = NA	MU = 1,025
ROAD/STREET CLASSIFICATION:	CLASS 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 100%	S = NA	M = 100%
TRAFFIC FACTOR	ACTUAL TF = 14.30	AC TYPE = 20
	MINIMUM TF = 6.70	
PG GRADE: BINDER = NA	SURFACE = NA	
SUBGRADE SUPPORT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



M EXISTING RAMP A & B TYPICAL SECTION

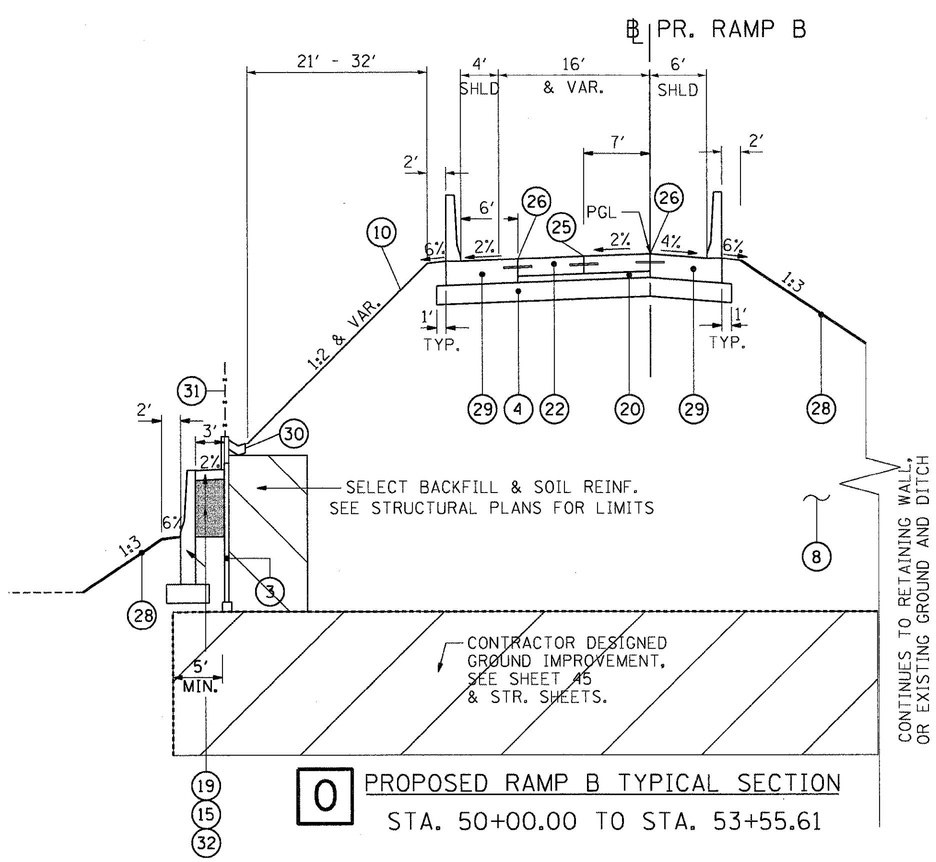
STA. 17+25.00 TO STA. 25+14.68

STA. 50+00.00 TO STA. 58+14.00



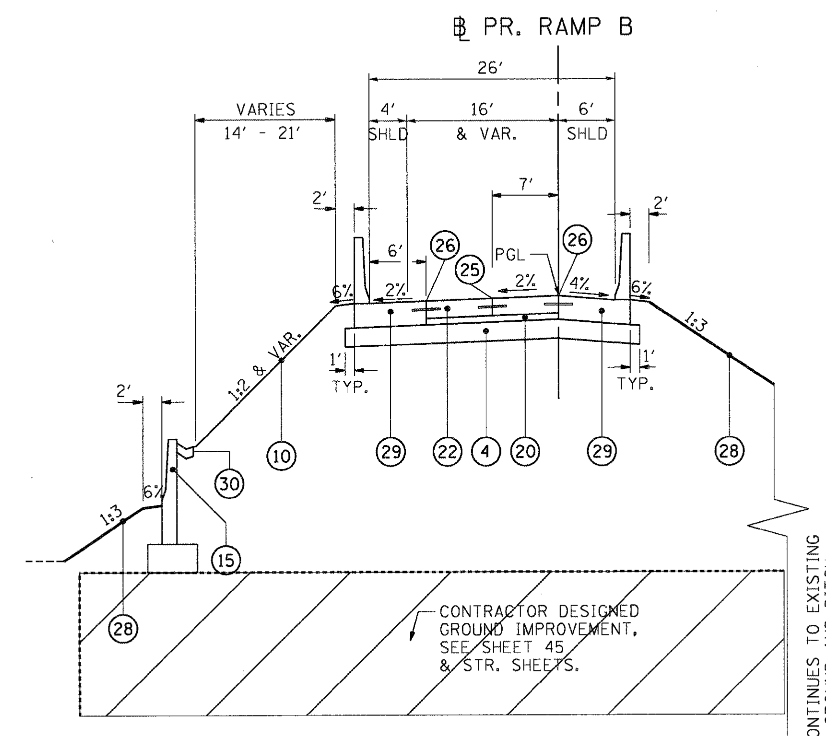
N PROPOSED RAMP A TYPICAL SECTION

STA. 22+19.10 TO STA. 25+14.68



O PROPOSED RAMP B TYPICAL SECTION

STA. 50+00.00 TO STA. 53+55.61



P PROPOSED RAMP B TYPICAL SECTION

STA. 53+55.61 TO STA. 55+37.85

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE

PROPOSED LEGEND

- * (1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- * (2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- * (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- * (7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- * (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- * (11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- * (12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- * (16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- * (18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- * (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB

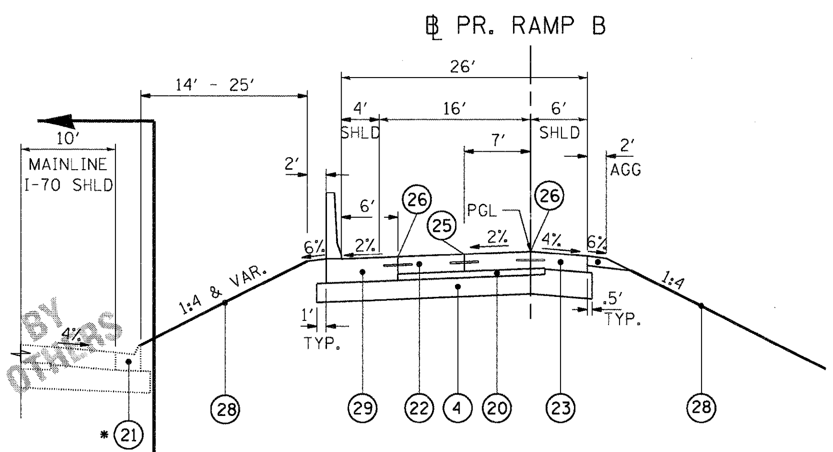
ALL TIE BARS SHALL BE EPOXY COATED

- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

* = BY OTHERS

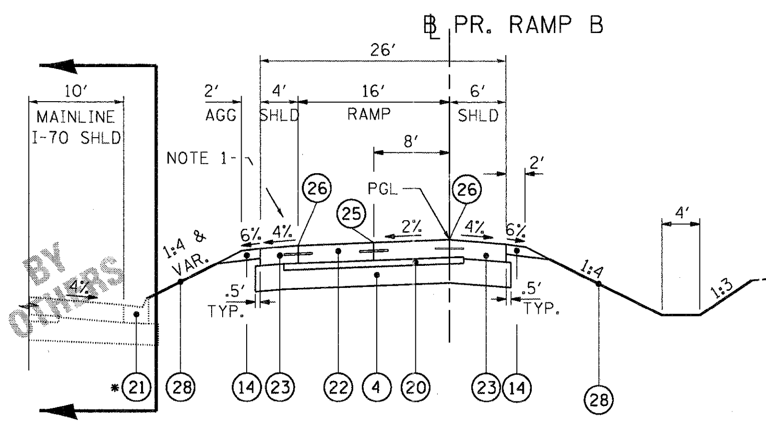
☐ = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RAMPS A & B TYPICAL SECTIONS	F.A.P. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR	TOTAL SHEETS 345 / SHEET NO. 13
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JFS	REVISED -						CONTRACT NO. 76D05
	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: N.T.S. SHEET NO. 5 OF 6 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -						



PROPOSED RAMP B TYPICAL SECTION

Q STA. 55+37.85 TO STA. 57+00.00

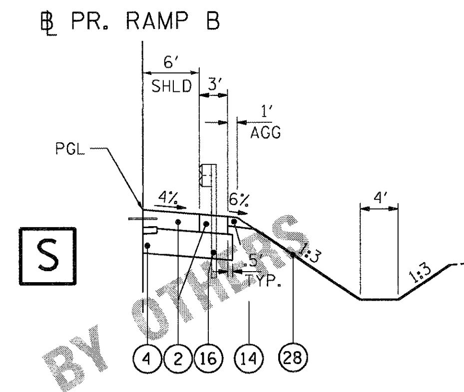


PROPOSED RAMP B TYPICAL SECTION

R STA. 57+00 TO STA. 59+85.19

CONSTRUCTION LIMITS BEGIN AT STA. 58+14

NOTE 1:
SHOULDER TRANSITIONS FROM 2% (57+00)
AT ANCHORAGE SLAB TO 4% (57+25).



S

GUARDRAIL DETAIL
(BY OTHERS)

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE

PROPOSED LEGEND

- *(1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4"
- *(2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- *(5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- *(7) AGGREGATE SURFACE COURSE, TYPE B, 12"
- (8) EMBANKMENT
- *(9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING, CLASS 3A
- *(11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"
- *(12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) CONCRETE BARRIER WALL (SPECIAL)
- *(16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- *(18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 4 INCH
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- *(21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL CONSTRUCTION JOINT FOR ANCHORAGE SLAB

  ALL TIE BARS SHALL BE EPOXY COATED
- (27) AGGREGATE BASE COURSE, TYPE B 4"
- (28) SEEDING, CLASS 7 (SPECIAL)
- (29) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
- (30) CONCRETE GUTTER, TYPE B
- (31) CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE
- (32) POROUS GRANULAR BACKFILL

* = BY OTHERS

[ ] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

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%

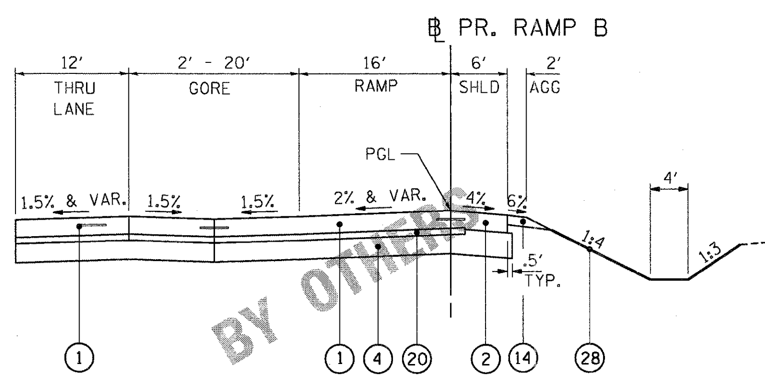
TRAFFIC FACTOR ACTUAL TF = 7.13 AC TYPE = 20

MINIMUM TF = 6.70

PG GRADE: BINDER = NA SURFACE = NA

SUBGRADE SUPPORT RATING:

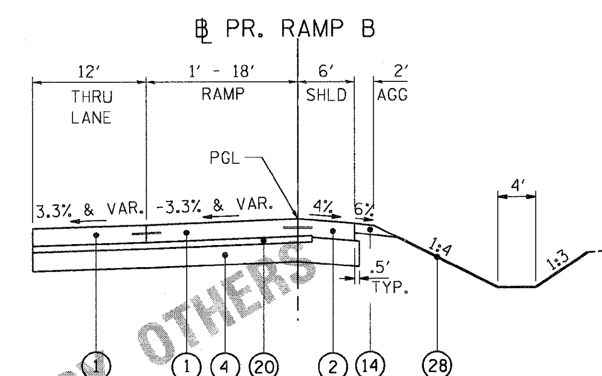
SSR = POOR



T PROPOSED RAMP B TYPICAL SECTION

STA. 59+85.19 TO STA. 63+40.27

(BY OTHERS)
SUPERELVATION TRANSITION
ALSO BY OTHERS



U PROPOSED RAMP B TYPICAL SECTION

STA. 63+40.27 TO STA. 71+93.79

RAMP SUPERELEVATION MATCHES
MAINLINE S.E. OF THIRD THRU LANE
BRIDGE OMISSION 69+12.73 TO 71+31.11
(BY OTHERS)

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JFS	REVISED -	RELOCATED ILLINOIS ROUTE 3
	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

PROPOSED RAMP B
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 6 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	14
		CONTRACT NO. 76D05		

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

CROSS SECTION EARTHWORK

LOCATION STA.	TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION) (CU YD)	SUTIABLE EARTH EXC. TO BE USED IN EMBANKMENT (25% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTE 3 (CU YD)	EARTH EXCAVATION (SPECIAL) ARCH-E PITS (CU YD)	TOPSOIL REMOVAL PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
IL ROUTE 3									
1672+00.00	1672+50.00	75.9	11.4	64.5	48.4	837.5	-789.1	0.0	207.0
1672+50.00	1673+00.00	36.9	5.5	31.3	23.5	2,994.9	-2,971.4	0.0	206.5
1673+00.00	1673+50.00	20.9	3.1	17.8	13.3	5,005.3	-4,992.0	0.0	210.1
1673+50.00	1674+00.00	12.1	1.8	10.3	7.7	5,648.3	-5,640.6	0.0	216.1
1674+00.00	1674+50.00	7.7	1.2	6.6	4.9	5,960.0	-5,955.1	0.0	222.2
1674+50.00	1675+00.00	43.1	6.5	36.6	27.4	6,214.4	-6,187.0	0.0	237.8
1675+00.00	1675+50.00	178.0	26.7	151.3	113.5	6,756.7	-6,643.2	0.0	255.1
1675+50.00	1676+00.00	283.7	42.6	241.2	180.9	7,287.9	-7,107.0	0.0	262.6
1676+00.00	1676+50.00	326.3	48.9	277.3	208.0	7,563.7	-7,355.6	0.0	258.9
1676+50.00	1676+88.00	367.3	55.1	312.2	234.1	5,911.1	-5,677.0	0.0	193.9
1676+88.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	1,351.8	202.8	1,149.1	861.8	54,179.8	-53,318.0	0.0	2,270.3
IL ROUTE 3									
1684+69.18	1685+00.00	23.7	3.6	20.1	15.1	3,674.4	-3,659.3	0.0	124.6
1685+00.00	1685+50.00	276.3	41.4	234.8	176.1	5,939.0	-5,762.9	0.0	251.1
1685+50.00	1686+00.00	501.6	75.2	426.4	319.8	5,532.0	-5,212.3	0.0	259.8
1686+00.00	1686+50.00	512.7	76.9	435.8	326.8	4,740.8	-4,414.0	0.0	247.8
1686+50.00	1687+00.00	548.7	82.3	466.4	349.8	4,019.0	-3,669.2	0.0	237.0
1687+00.00	1687+50.00	565.6	84.8	480.7	360.6	3,378.9	-3,018.3	0.0	227.9
1687+50.00	1688+00.00	556.6	83.5	473.1	354.9	2,776.3	-2,421.4	0.0	217.4
1688+00.00	1688+50.00	562.9	84.4	478.5	358.9	2,185.5	-1,826.6	0.0	204.6
1688+50.00	1689+00.00	534.2	80.1	454.1	340.5	1,655.7	-1,315.2	0.0	191.5
1689+00.00	1689+50.00	262.1	39.3	222.8	167.1	705.8	-538.6	0.0	92.8
1689+50.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	4,344.4	651.7	3,692.8	2,769.6	34,607.3	-31,837.7	0.0	2,054.4
RAMP A									
17+25.00	17+50.00	9.6	1.4	8.2	6.1	118.5	-112.4	0.0	33.3
17+50.00	18+00.00	52.1	7.8	44.3	33.2	306.3	-273.0	0.0	67.3
18+00.00	18+50.00	59.8	9.0	50.8	38.1	387.8	-349.7	0.0	70.8
18+50.00	19+00.00	53.5	8.0	45.5	34.1	478.9	-444.8	0.0	67.0
19+00.00	19+50.00	64.8	9.7	55.1	41.3	610.8	-569.5	0.0	64.7
19+50.00	20+00.00	56.8	8.5	48.3	36.2	768.8	-732.6	0.0	65.9
20+00.00	20+50.00	24.5	3.7	20.8	15.6	952.0	-936.3	0.0	67.2
20+50.00	21+00.00	8.6	1.3	7.3	5.5	1,187.9	-1,182.5	0.0	69.4
21+00.00	21+50.00	7.0	1.0	5.9	4.5	1,382.2	-1,377.8	0.0	72.3
21+50.00	22+00.00	10.3	1.5	8.7	6.5	1,603.1	-1,596.5	0.0	77.9
22+00.00	22+50.00	12.1	1.8	10.3	7.7	2,022.9	-2,015.2	0.0	85.5
22+50.00	23+00.00	9.8	1.5	8.3	6.3	2,690.2	-2,683.9	0.0	95.5
23+00.00	23+50.00	9.1	1.4	7.7	5.8	3,462.5	-3,456.6	0.0	110.4
23+50.00	24+00.00	12.2	1.8	10.3	7.8	4,195.2	-4,187.5	0.0	126.6
24+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	390.1	58.5	331.6	248.7	20,167.0	-19,918.3	0.0	1,073.8

CROSS SECTION EARTHWORK

LOCATION STA.	TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION) (CU YD)	SUTIABLE EARTH EXC. TO BE USED IN EMBANKMENT (25% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTE 3 (CU YD)	EARTH EXCAVATION (SPECIAL) ARCH-E PITS (CU YD)	TOPSOIL REMOVAL PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
RAMP B									
51+00.00	51+50.00	51.9	7.8	44.2	33.1	5,534.1	-5,501.0	0.0	179.9
51+50.00	52+00.00	59.8	9.0	50.8	38.1	4,118.8	-4,080.7	0.0	164.5
52+00.00	52+50.00	91.6	13.7	77.9	58.4	3,486.1	-3,427.7	0.0	155.6
52+50.00	53+00.00	195.6	29.3	166.2	124.7	2,795.7	-2,671.0	0.0	152.9
53+00.00	53+50.00	316.4	47.5	268.9	201.7	2,182.5	-1,980.9	0.0	151.2
53+50.00	54+00.00	180.3	27.0	153.2	114.9	2,059.6	-1,944.7	0.0	151.4
54+00.00	54+50.00	0.1	0.0	0.1	0.0	1,988.0	-1,987.9	0.0	132.3
54+50.00	55+00.00	0.0	0.0	0.0	0.0	1,625.6	-1,625.6	0.0	108.3
55+00.00	55+50.00	0.0	0.0	0.0	0.0	1,380.3	-1,380.3	0.0	108.0
55+50.00	56+00.00	0.0	0.0	0.0	0.0	1,173.7	-1,173.7	0.0	107.1
56+00.00	56+50.00	0.0	0.0	0.0	0.0	933.8	-933.8	0.0	99.2
56+50.00	57+00.00	0.0	0.0	0.0	0.0	747.0	-747.0	0.0	92.6
57+00.00	57+50.00	0.0	0.0	0.0	0.0	609.2	-609.2	0.0	88.5
57+50.00	58+00.00	0.0	0.0	0.0	0.0	484.7	-484.7	0.0	81.5
58+00.00	58+14.00	0.7	0.1	0.6	0.4	111.2	-110.8	0.0	22.8
58+14.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	896.3	134.4	761.9	571.4	29,230.3	-28,658.9	0.0	1,795.7
INTERSECTION *		267	40	227	170	26,190	-26,019.8	0	728
SLOPE WALLS **		334	50	284	213	13,038	-12,825.2	0	564
TRENCH BACKFILL		0	0	0	0	-906	906	0	0
NON-SPECIAL WASTE		0	0	0	-2,000	0	-2,000	0	0
	TOTALS	7,583.7	1,137.6	6,446.1	2,834.6	176,506.4	-173,671.8	5,000.0	8,486.1

PAID FOR AS: EARTH EXCAVATION OR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL OR NON-SPECIAL WASTE DISPOSAL

FURNISHED EXCAVATION TOTAL

7,583.7	- 1,137.6	-	2,000	=	4,446.1	EARTH EXCAVATION TOTAL
	1,137.6	+	8,486.1	=	9,623.6	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 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. EARTH EXCAVATION WILL NOT BE STOCKPILED UNLESS APPROVED BY THE ENGINEER. ALL STOCKPILES MUST BE REMOVED BY THE END OF PROJECT CONSTRUCTION.

2. SUITABLE EARTH EXCAVATION SHALL REMAIN ON SITE WITHIN THE PROJECT LIMITS 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 EARTHWORK CALCULATIONS ASSUME THAT CONTRACT 76C41 (MAINLINE I-70 GRADING) HAS FINISHED GRADING IN THE AREA OF RAMP A, RAMP B, AND THE RELOCATED IL ROUTE 3 ABUTMENTS. IF THIS WORK HAS NOT BEEN COMPLETED, ADDITIONAL EARTHWORK MAY BE REQUIRED.

* 5. INTERSECTION EARTHWORK IS BETWEEN STA. 24+00 (RAMP A) AND 51+00 (RAMP B).

** 6. SLOPE WALL EMBANKMENT INCLUDES THE SOUTH ABUTMENT FOR STR. 082-0329, AND THE NORTH ABUTMENT FOR STR. 082-0328.

TREE REMOVAL (OVER 15 UNITS DIAMETER) TOTAL 32 UNIT

LOCATION	STA.	OFF	LT/RT	DIAMETER FEET	SUBTOTALS
PR REL IL 3	1687+84	129.4	LT	16	16
PR REL IL 3	1687+98	133.1	LT	16	16

TREE REMOVAL, ACRES TOTAL 3.5 ACRE

LOCATION	VERTEX I.D.*	STATION	OFFSET	LT / RT	AREA SQFT	SUBTOTALS
PR REL IL 3	D1	1671+75	167	RT		
	D2	1677+55	129	RT		
	D3	1677+63	112	RT		
	D4	1677+67	155	LT		
	D5	1677+44	235	LT		
	D6	1677+26	243	LT		
	D7	1677+31	160	LT		
	D8	1675+74	160	LT		
	D9	1675+89	61	RT		
	D10	1671+99	109	RT	82,411	1.89
PR REL IL 3	E1	1678+46	129	LT		
	E2	1678+39	56	LT		
	E3	1678+59	69	RT		
	E4	1679+50	63	RT		
	E5	1679+50	130	LT	20,214	0.46
PR REL IL 3	E4	1679+50	63	RT		
	E5	1679+50	130	LT		
	E6	1679+90	60	RT		
	E7	1680+49	2	LT		
	E8	1681+06	130	LT	20,684	0.47
PR REL IL 3	F1	1690+77	4	LT		
	F2	1691+10	6	LT		
	F3	1691+45	44	LT		
	F4	1692+84	63	LT		
	F5	1692+96	94	LT		
	F6	1692+97	134	LT		
	F7	1692+43	130	LT		
	F8	1691+72	86	LT		
	F9	1691+48	94	LT		
	F10	1691+01	79	LT		
	F11	1690+81	116	LT		
	F12	1690+66	110	LT	14,329	0.33
PR REL IL 3	G1	1671+27	52	RT		
	G2	1671+70	81	RT		
	G3	1672+09	83	RT		
	G4	1672+01	118	LT		
	G5	1671+70	124	LT		
	G6	1671+63	169	LT		
	G7	1671+23	138	LT	16,906	0.39

TRENCH BACKFILL TOTAL 906 CU YD

LOCATION	STA.	OFF.		STA.	OFF.		SUBTOTALS
PR RAMP A	23+70.0	18.0	RT	23+70.0	28.0	LT	10.6
PR RAMP A	23+70.0	28.0	LT	22+00.0	28.0	LT	76.3
PR RAMP A	22+00.0	17.4	RT	22+00.0	28.0	LT	8.0
PR RAMP A	22+01.4	56.5	LT	22+00.0	28.0	LT	7.5
PR RAMP A	22+00.0	28.0	LT	20+50.0	28.0	LT	224.0
PR RAMP A	20+50.0	6.0	RT	20+50.0	28.0	LT	5.2
PR RAMP A	20+50.0	28.0	LT	19+12.0	26.2	LT	110.7
PR RAMP A	19+12.0	6.0	RT	19+12.0	26.2	LT	3.5
PR RAMP A	19+12.0	26.2	LT	17+33.5	20.0	LT	47.7
PR RAMP A	17+33.5	20.0	LT	17+33.5	6.0	RT	3.7
PR RAMP A	17+33.5	6.0	RT	17+33.5	19.9	RT	1.0
PR RAMP B	51+30.0	6.0	RT	51+30.0	20.0	LT	4.3
PR RAMP B	51+30.0	20.0	LT	53+30.0	20.0	LT	143.9
PR RAMP B	53+30.0	6.0	RT	53+30.0	20.0	LT	2.8
PR RAMP B	53+30.0	20.0	LT	55+30.0	20.0	LT	64.4
PR RAMP B	55+30.0	6.0	RT	55+30.0	20.0	LT	3.3
PR RAMP B	55+29.4	36.5	LT	55+30.0	20.0	LT	4.0
PR RAMP B	55+30.0	20.0	LT	56+30.0	20.0	LT	99.8
PR RAMP B	56+30.0	20.0	LT	56+85.0	20.0	LT	55.3
PR RAMP B	56+85.0	20.0	LT	56+85.0	52.1	RT	30.3

POROUS GRANULAR BACKFILL TOTAL 272 CU YD

LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	SUBTOTALS
I-70	AT RETAINING WALL	170+00.00	176+50.00	RT	231
RAMP A	BETWEEN BARRIER WALLS	19+00.00	20+10.61	LT	41

SEEDING, CLASS 3A TOTAL 1.25 ACRE

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	AREA (SF)	SUBTOTALS
PR REL IL 3	1680+79.49	23.6	1680+85.86	131.9	2,721	0.06
PR REL IL 3	1681+17.77	-55.6	1682+41.66	-516.8	5,641	0.13
PR RAMP B	50+16.86	-44.7	53+50.00	-42.5	8,612	0.20
PR RAMP B	53+50.00	-21.6	55+31.40	-37.1	3,624	0.08
PR RAMP A	24+48.12	95.9	22+42.49	19.6	6,521	0.15
PR RAMP A	21+52.62	13.3	20+00.00	7.6	496	0.01
PR RAMP A	24+58.68	-39.6	20+10.86	-29.6	8,342	0.19
PR RAMP A	20+00.00	28.8	16+50.00	0.0	13,785	0.32

MULCH, METHOD 2 TOTAL 15.75 ACRE

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	AREA (SF)	SUBTOTALS
REL IL RTE 3	1671+03.00	122.1 LT	1677+90.70	64.6 RT	199,238	4.57
REL IL RTE 3	1678+29.71	51.6 LT	1679+50.00	127.0 LT	9,223	0.21
REL IL RTE 3	1678+34.62	67.0 RT	1679+50.00	23.6 RT	4,691	0.11
REL IL RTE 3	1679+50.00	51.6 LT	1681+00.93	126.9 LT	10,123	0.23
REL IL RTE 3	1679+50.00	60.0 RT	1680+20.89	23.58 RT	1,907	0.04
RAMP A	16+50.00	75.0 LT	20+00.00	28.9 RT	37,022	0.85
RAMP A	20+00.00	28.8 RT	24+59.08	118.7 RT	5,642	0.13
RAMP A	21+52.62	13.3 RT	20+00.00	7.58 RT	496	0.01
RAMP A	22+06.70	19.3 RT	24+48.10	95.9 RT	6,521	0.15
RAMP A	20+10.90	29.6 LT	24+57.70	39.7 LT	8,342	0.19
RAMP B	50+28.82	134.5 RT	53+50.00	7.6 RT	39,692	0.91
RAMP B	50+16.90	44.7 LT	53+50.00	42.5 LT	8,612	0.20
RAMP B	53+50.00	94.8 LT	59+00.62	140.08 RT	95,362	2.19
REL IL RTE 3	1683+11.10	506.4 LT	1685+65.90	164.0 RT	127,809	2.93
REL IL RTE 3	1685+91.70	162.0 LT	1689+55.40	117.0 RT	108,062	2.48
REL IL RTE 3	1690+70.80	117.0 LT	1692+89.50	86.7 LT	19,867	0.46

EROSION CONTROL BLANKET TOTAL 76,230 SQ YD

	ACRES	"SY FOR CLASS 7 (SPECIAL) OR 3A SEEDING"	SUBTOTALS
FROM SEEDING CLASS 7 (SPECIAL)	14.5	70,180	70,180
FROM SEEDING CLASS 3A	1.25	6,050	6,050

TEMPORARY EROSION CONTROL SEEDING TOTAL 1,575 POUND

	AREA ACRE	APPLICATION RATE LBS/ACRE	SUBTOTALS
AREA FROM 25100115 MULCH, METHOD 2	15.75	100	1,575

TEMPORARY DITCH CHECKS TOTAL 60 FOOT

LOCATION	STA.	OFF.	SUBTOTALS
REL IL RTE 3	1673+50	129 LT	10
REL IL RTE 3	1673+50	90 RT	10
REL IL RTE 3	1675+50	141 LT	10
REL IL RTE 3	1675+50	109 RT	10
REL IL RTE 3	1686+75	119 LT	10
REL IL RTE 3	1686+75	98 RT	10

PERIMETER EROSION BARRIER TOTAL 8,454 FOOT

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
REL IL RTE 3	1671+21.2	138.4 LT	1677+90.7	64.6 RT	2,048
REL IL RTE 3	1678+28.5	107.1 LT	1679+50.0	127.0 LT	162
REL IL RTE 3	1678+29.2	77.1 LT	1679+50.0	60.0 RT	260
REL IL RTE 3	1679+50.0	60.0 RT	1679+50.0	127.0 LT	409
REL IL RTE 3	1680+82.5	18.6 RT	1682+41.7	516.8 LT	563
REL IL RTE 3	1680+82.5	18.6 RT	1680+93.1	345.5 RT	339
REL IL RTE 3	1683+73.9	500.5 RT	1684+66.7	164.3 LT	447
REL IL RTE 3	1682+96.2	353.4 RT	1684+17.2	162.2 RT	287
REL IL RTE 3	1685+18.1	163.4 LT	1689+59.7	5.32 LT	622
REL IL RTE 3	1684+74.0	162.9 RT	1689+49.5	34.8 RT	567
REL IL RTE 3	1690+70.8	117.0 LT	1692+89.5	86.7 LT	695
RAMP A	20+00.0	28.8 RT	16+50.0	48.2 RT	367
RAMP A	16+50.0	22.4 RT	19+96.5	104.4 LT	432
RAMP B	53+50.0	108.4 RT	59+03.9	87.8 RT	607
RAMP B	59+06.2	40.1 RT	53+50.0	94.8 LT	649

STONE RIPRAP, CLASS A4 TOTAL 59 SQ YD

FILTER FABRIC TOTAL 59 SQ YD

LOCATION	STA.	OFF.	AREA SQ FT	SUBTOTALS
RAMP A	18+42	16 RT	150	16.7
RAMP A RW	807+03	2 RT	66.5	7.4
RAMP B	51+19	126 RT	221.7	24.6
RAMP B	56+85	64 RT	96	10.7

INLET FILTERS
TOTAL 22 EACH

LOCATION	STA.	OFF.	LT / RT	SUBTOTALS
PR RAMP A	23+86.08	69	RT	1
PR RAMP A	23+68.25	62	RT	1
PR RAMP A	23+70.00	18	RT	1
PR RAMP A	23+70.00	28	LT	1
PR RAMP A	22+00.00	17	RT	1
PR RAMP A	22+01.36	57	LT	1
PR RAMP A	22+00.00	28	LT	1
PR RAMP A	20+50.00	6	RT	1
PR RAMP A	20+50.00	28	LT	1
PR RAMP A	19+12.00	6	RT	1
PR RAMP A	19+12.00	26	LT	1
PR RAMP A	17+33.50	20	LT	1
PR RAMP A	17+33.50	6	RT	1
PR RAMP B	51+30.00	6	RT	1
PR RAMP B	51+30.00	20	LT	1
PR RAMP B	53+30.00	6	RT	1
PR RAMP B	53+30.00	20	LT	1
PR RAMP B	55+30.00	6	RT	1
PR RAMP B	55+29.35	36	LT	1
PR RAMP B	55+30.00	20	LT	1
PR RAMP B	56+30.00	20	LT	1
PR RAMP B	56+85.00	20	LT	1

STABILIZED SUBBASE - HOT-MIX ASPHALT, 4″
TOTAL 4,292 SQ YD

LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	SUBTOTALS
RAMP A	PAVEMENT AREA	17+25.00	20+00.00		600
RAMP A	1.5′ STRIP	17+25.00	19+00.35	LT	29
RAMP A	PAVEMENT AREA	20+00.00	25+14.68	LT & RT	2,161
RAMP A	DEDUCT FOR 2′ ANCHOR SLAB INSIDE LT EOP	19+00.00	24+51.77	LT	-122
RAMP B	PAVEMENT AREA	50+00.00	53+50.00	LT & RT	854
RAMP B	PAVEMENT AREA	53+50.00	58+14.00	LT & RT	825
RAMP B	1.5′ STRIP	55+37.85	58+14.00	RT	46
RAMP B	1.5′ STRIP	57+00.00	58+14.00	LT	19
RAMP B	DEDUCT FOR 2′ ANCHOR SLAB INSIDE LT EOP	50+24.10	57+00.00	LT	-151
REL IL RTE 3	CB & GUTTER AREA	1618+49.07	1682+21.10	LT	31

AGGREGATE BASE COURSE, TYPE B 4″
TOTAL 100 SQ YD

LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	AREA (SF)	SUBTOTALS
REL IL RTE 3	CENTER MEDIAN	1681+48.84	1682+21.10	LT	670	74.4
RAMP A	CORNER ISLAND	24+50.69	24+67.10	RT	228	25.3

PORTLAND CEMENT CONCRETE PAVEMENT 11″ (JOINTED)
TOTAL 4,120 SQ YD

LOCATION	FROM STA.	TO STA.	SUBTOTALS
RAMP A	17+25.00	20+00.00	571
RAMP A	20+00.00	25+14.68	2,022
RAMP B	50+00.00	53+50.00	781
RAMP B	53+50.00	58+14.00	747

PROTECTIVE COAT
TOTAL 7,717 SQ YD

	SUBTOTALS
FROM ITEM 42000521 PORTLAND CEMENT CONCRETE PAVEMENT 11″(JOINTED)	4,120
FROM ITEM 48300600 PORTLAND CEMENT CONCRETE SHOULDERS 11″	319
FROM ITEM 60602800 CONCRETE GUTTER, TYPE B	2,627
FROM ITEM 60603200 CONCRETE GUTTER TRANSITION (SPECIAL)	22
FROM ITEM 60605000 COMB CC&G TYPE B-6.24	51
FROM ITEM 60609000 COMB CC&G TYPE M-6.06 (SPECIAL)	34
FROM TIME 60610800 COMB CC&G TYPE M-6.24 (SPECIAL)	21
FROM ITEM 60618300 CONCRETE MEDIAN SURFACE, 4 INCH	503
FROM ITEM 60620000 CONCRETE MEDIAN, TYPESB-6.24	7
FROM ITEM Z0002005 ATTENUATOR BASE	13

PAVEMENT REMOVAL
TOTAL 827 SQ YD

LOCATION	STA.	OFF	RT / LT	TO STA.	TO OFF		SUBTOTALS
PR REL IL 3	1687+71.90	100.29	LT	1689+96.95	89.21	LT	469
PR REL IL 3	1687+76.11	32.36	LT	1690+00.35	27.26	LT	358

AGGREGATE SHOULDERS, TYPE B 6″
TOTAL 120 SQ YD

LOCATION	FROM STA.	TO STA.	LT/RT	LENGTH	WIDTH	AREA (SF)	SUBTOTALS
RAMP A	17+25.00	18+70.01	LT	149.0	2	298.0	33.1
RAMP B	57+00.00	58+14.00	LT	114.0	2	228.0	25.3
RAMP B	55+37.85	58+14.00	RT	276.2	2	552.3	61.4

PORTLAND CEMENT CONCRETE SHOULDERS 11″
TOTAL 319 SQ YD

LOCATION	FROM STA.	TO STA.	LT/RT	SUBTOTALS
RAMP A	17+25.00	19+00.43	LT	84.4
RAMP B	57+00.00	58+14.00	LT	50.7
RAMP B	55+37.85	58+14.00	RT	184.1

STORM SEWER REMOVAL 6″
TOTAL 43 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
UNVERIFIED STORM SEWER, 6″					
REL IL RTE 3	1688+50	87 LT	1688+48	130 LT	43

STORM SEWER REMOVAL 8″
TOTAL 311 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
UNVERIFIED STORM SEWER, 8″					
REL IL RTE 3	1688+76	23 LT	1689+62	31 LT	86
REL IL RTE 3	1688+94	37 LT	1689+95	24 LT	13
REL IL RTE 3	1689+13	44 LT	1689+15	27 LT	17
REL IL RTE 3	1689+41	43 LT	1689+42	29 LT	14
REL IL RTE 3	1689+60	48 LT	1689+62	31 LT	17
REL IL RTE 3	1689+32	120 LT	1689+38	117 LT	6
REL IL RTE 3	1689+38	117 LT	1689+96	111 LT	58
REL IL RTE 3	1687+74	68 LT	1688+72	87 LT	100

STORM SEWER REMOVAL 12″
TOTAL 214 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
UNVERIFIED STORM SEWER REMOVAL, 12					
REL IL RTE 3	1687+73	82 LT	1687+83	83 LT	10
REL IL RTE 3	1687+77	139 LT	1687+83	83 LT	57
REL IL RTE 3	1687+83	83 LT	1688+72	87 LT	89
UNVERIFIED STORM SEWER REMOVAL, DIA. UNKNOWN					
REL IL RTE 3	1689+82	65 LT	1689+97	95 LT	33
REL IL RTE 3	1688+57	67 LT	1688+72	87 LT	25

STORM SEWER REMOVAL 15″
TOTAL 116 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
UNVERIFIED STORM SEWER, 15″					
REL IL RTE 3	1687+81	40 RT	1688+79	29 RT	116

STORM SEWER REMOVAL 16″
TOTAL 183 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
UNVERIFIED STORM SEWER, 16″					
REL IL RTE 3	1687+81	40 RT	1688+79	29 RT	99
REL IL RTE 3	1688+48	24 RT	1688+56	31 RT	11
REL IL RTE 3	1688+79	29 RT	1689+01	27 RT	22
REL IL RTE 3	1689+01	27 RT	1689+52	22 RT	51

STORM SEWER REMOVAL 18″
TOTAL 172 FOOT

LOCATION	FROM STA.	FROM OFF	TO STA	TO OFF	SUBTOTALS
VERIFIED STORM SEWER					
REL IL RTE 3	1687+80	23 RT	1689+50	12 RT	172

CONCRETE HEADWALLS FOR PIPE DRAINS
TOTAL 10 EACH

LOCATION	STA.	OFF.		SUBTOTALS
REL IL RTE 3	1674+25	80.3	RT	1
REL IL RTE 3	1674+25	121.8	LT	1
REL IL RTE 3	1675+06	92.0	RT	1
REL IL RTE 3	1675+06	125.5	LT	1
REL IL RTE 3	1675+88	99.9	RT	1
REL IL RTE 3	1675+88	129.5	LT	1
REL IL RTE 3	1676+69	97.4	RT	1
REL IL RTE 3	1676+69	125.8	LT	1
REL IL RTE 3	1677+50	89.5	RT	1
REL IL RTE 3	1677+50	126.1	RT	1

PIPE UNDERDRAINS 6″
TOTAL 150 FOOT

LOCATION	STA.	FROM OFF.		TO OFF.		SUBTOTALS
REL IL RTE 3	1674+25	65.3	RT	80.3	RT	15
REL IL RTE 3	1674+25	106.8	LT	121.8	LT	15
REL IL RTE 3	1675+15	77.0	RT	92.0	RT	15
REL IL RTE 3	1675+15	110.5	LT	125.5	LT	15
REL IL RTE 3	1676+05	84.9	RT	99.9	RT	15
REL IL RTE 3	1676+05	114.5	LT	129.5	LT	15
REL IL RTE 3	1676+95	82.4	RT	97.4	RT	15
REL IL RTE 3	1676+95	110.8	LT	125.8	LT	15
REL IL RTE 3	1677+50	74.5	RT	89.5	RT	15
REL IL RTE 3	1677+50	111.1	RT	126.1	RT	15

CONCRETE GUTTER, TYPE B — TOTAL 1,501 FOOT

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
RAMP A	18+50.00	11.33	20+00.00	11.33	150
RAMP A	20+00.00	11.33	21+53.95	13.54	154
RAMP A	20+10.40	-37.83	21+87.39	-56.44	176
RAMP A	22+19.11	-54.51	24+63.17	-39.27	240
RAMP A	22+06.66	19.28	23+63.08	61.99	165
RAMP A	23+72.47	65.44	23+80.89	68.6	9
RAMP A	23+90.23	72.17	24+59.78	101.39	75
RAMP B	50+51.47	124.99	51+11.70	122.66	60
RAMP B	50+44.49	-54.77	53+50.00	-42.49	306
RAMP B	53+50.00	-42.49	55+16.04	-38.05	166

CONCRETE GUTTER TRANSITION (SPECIAL) — TOTAL 66 FOOT

LOCATION	FROM STA.	OFFSET	LT/RT	TO STA.	OFFSET	LT/RT	SUBTOTALS
RAMP A RET. WALL	806+97.63	2.25	LT	807+07.61	2.25	LT	10
RAMP A RET. WALL	807+16.60	2.25	LT	807+26.59	2.25	LT	10
PR RAMP A	21+87.39	56.44	LT	22+19.11	54.51	LT	30.5
PR RAMP B	55+16.04	38.05	RT	55+31.23	34.35	RT	15.33

COMBINATION CONCRETE CURB AND GUTTER,TYPE B-6.24 — TOTAL 152 FOOT

LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	LENGTH	SUBTOTALS
REL IL RTE 3	CENTER MEDIAN	1681+19.50	1682+12.15	LT	123	123
REL IL RTE 3	CORNER ISLAND	1682+06.19	1682+34.93	LT	28.6	28.6

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (SPECIAL) — TOTAL 29 FOOT

LOCATION	SUBTOTALS
CORNER ISLAND @ RAMP A & REL IL RTE 3	28.8

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (SPECIAL) — TOTAL 23 FOOT

LOCATION	SUBTOTALS
CORNER ISLAND @ RAMP A & REL IL RTE 3	23.3

CONCRETE MEDIAN SURFACE, 4 INCH — TOTAL 4,528 SQ FT

LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	SUBTOTALS
REL IL RTE 3	CENTER MEDIAN	1681+19.50	1682+12.45	LT	655
RAMP A	BETWEEN BARRIER WALLS	19+00.00	20+10.86	LT	491
RAMP A	CORNER ISLAND	24+50.99	24+67.10	RT	228
RAMP A	AT RETAINING WALL	18+50.00	21+52.62	RT	1,061
RAMP A	AT RETAINING WALL	22+06.66	22+42.49	RT	98
I-70	AT RETAINING WALL	169+92.50	176+57.50	RT	1,995

CONCRETE MEDIAN, TYPE SB-6.24 — TOTAL 60 SQ FT

LOCATION	FROM STA.	TO STA.	AREA SQ FT	SUBTOTALS
REL IL 3	1682+12.15	1682+21.28	60	60

GUARDRAIL REMOVAL — TOTAL 26 FOOT

LOCATION	FROM STA.	OFFSET	RT/LT	TO STA.	OFFSET	RT/LT	SUBTOTALS
REL IL 3	1691+44.0	52.9	LT	1691+70.0	54.4	LT	26

CHAIN LINK FENCE, 6' — TOTAL 198 FOOT

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
PR RAMP A	17+36.8	43.2 RT	17+68.9	42.1 RT	32
PR RAMP A	17+69.0	36.1 RT	18+50.0	13.08 RT	97
PR RAMP B	51+11.8	124.9 RT	51+79.5	138.9 RT	69

CHAIN LINK GATES, 6' X 6' SINGLE — TOTAL 1 EACH

LOCATION	STA.	OFF.	STA.	OFF.	SUBTOTALS
RAMP A	17+69.0	36.10 RT	17+68.9	42.10 RT	1

SIGN PANEL - TYPE 1 — TOTAL 4 SQ FT

LOCATION	STA.	OFF.		TYPE	SUBTOTALS
PR RAMP A	17+68.93	39.1 RT	(ON GATE)	R5-3	4

RELOCATE SIGN PANEL ASSEMBLY - TYPE A — TOTAL 2 EACH

LOCATION	FROM STA.	OFF.	TO STA.	OFF.	SUBTOTALS
EX. ST. CLAIR	106+65	26' LT	107+79	26' LT	1
EX. ST. CLAIR	106+82	30' RT	107+77	31' RT	1

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL — TOTAL 1 EACH

LOCATION	FROM STA.	TO STA.	LT/RT	SUBTOTALS
EXISTING ST. CLAIR	107+29.00	107+59.00	RT	1

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE — TOTAL 1,588 SQ YD

LOCATION	FROM STA.	TO STA.	LT/RT	LENGTH	WIDTH	SUBTOTALS
EXISTING ST. CLAIR	107+29	107+59	RT	75	30	250
EXISTING ST. CLAIR	107+81	108+11	LT	75	30	250
EXISTING ST. CLAIR	103+78.84	104+46.44	RT	75	30	250
REL IL RTE 3	1689+02	1689+77	RT	75	30	250
INDUSTRIAL DR	9+74	10+06	RT	101.3	30	338
1ST STREET	10+14	10+44	LT	75	30	250

REMOVE ABANDONED GAS MAIN — TOTAL 172 FOOT

LOCATION	FROM STA.	FROM OFF	LT/RT	SUBTOTALS
VERIFIED GAS MAIN REL IL RTE 3	1687+81	49.27	RT	172

WICK DRAINS — TOTAL 73,200 FOOT

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
REL IL RTE 3	1674+25	113.5 LT	1677+50	90.2 RT	73,200

UTILITY STRUCTURE REMOVAL — TOTAL 15 EACH

LOCATION	STATION	OFFSET	RT/LT	SUBTOTALS
UNVERIFIED UTILITY STRUCTURES				
REL IL RTE 3	1688+47.6	23.91	RT	1
REL IL RTE 3	1688+78.6	26.86	RT	1
REL IL RTE 3	1689+00.6	26.69	RT	1
REL IL RTE 3	1687+83.0	82.66	LT	1
REL IL RTE 3	1688+57.1	67.48	LT	1
REL IL RTE 3	1688+71.9	87.41	LT	1
REL IL RTE 3	1688+78.9	97.59	LT	1
REL IL RTE 3	1688+90.4	113.63	LT	1
REL IL RTE 3	1689+32.0	111.44	LT	1
REL IL RTE 3	1689+37.8	117.07	LT	1
REL IL RTE 3	1689+82.3	64.98	LT	1
VERIFIED UTILITY STRUCTURES				
REL IL RTE 3	1688+20.8	97.4	RT	1
REL IL RTE 3	1688+53.0	95.4	RT	1
REL IL RTE 3	1689+17.0	91.3	RT	1
REL IL RTE 3	1689+74.5	11.13	LT	1

CONCRETE BARRIER WALL (SPECIAL) — TOTAL 1,142 FOOT

LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	SUBTOTALS
I-70	166+83.32	78.35 RT	178+25.00	65.21 RT	1,142

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

SCHEDULE OF QUANTITIES 4

SCALE: N.T.S. | SHEET NO. 4 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	18
		CONTRACT NO. 76D05		

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

SEEDING, CLASS 7 (SPECIAL)	TOTAL 14.50 ACRE
	SUBTOTALS
FROM ITEM 28000250 TEMPORARY EROSION CONTROL SEEDING SUBTRACT ITEM 25000305 SEEDING, CLASS 3A	14.61

AGGREGATE SURFACE COURSE, TYPE B 8"						TOTAL 2,152 SQ YD
LOCATION	FROM STA.	OFFSET	TO STA.	OFFSET	AREA (SF)	SUBTOTALS
REL IL RTE 3	1677+66.25	23.6 RT	1677+86.26	51.6 LT	1,725	192
REL IL RTE 3	1678+32.01	23.6 RT	1680+67.74	51.6 LT	16,614	1,846
REL IL RTE 3	1680+79.49	23.6 RT	1681+35.30	60.2 LT	1,029	114

WATER MAIN REMOVAL, 4"						TOTAL 411 FOOT
LOCATION	FROM STA.	FROM OFF.	RT/LT	TO STA.	TO OFF.	SUBTOTALS
VERIFIED WATER MAIN REMOVAL, 4"						
REL IL RTE 3	1687+79	11	RT	1689+88	2	210
REL IL RTE 3	1687+79	16	RT	1689+80	4	201

WATER MAIN REMOVAL, 8"						TOTAL 263 FOOT
LOCATION	FROM STA.	FROM OFF.	RT/LT	TO STA.	TO OFF.	SUBTOTALS
VERIFIED WATER MAIN REMOVAL, 8"						
REL IL RTE 3	1687+80	34	RT	1689+52	23	172
REL IL RTE 3	1689+66	84	LT	1689+75	6	91

WATER MAIN REMOVAL, 10"						TOTAL 172 FOOT
LOCATION	FROM STA.	FROM OFF.	RT/LT	TO STA.	TO OFF.	SUBTOTALS
VERIFIED WATER MAIN REMOVAL, 10"						
REL IL RTE 3	1687+79	22	RT	1689+50	11	172

WATER MAIN REMOVAL, 12"				TOTAL 912 FOOT
LOCATION	FROM STA.	FROM OFF.	TO STA.	SUBTOTALS
UNVERIFIED WATER MAIN, SIZE UNKNOWN				
REL IL RTE 3	1687+78	3	1688+97	173
REL IL RTE 3	1687+79	19	1688+72	173
REL IL RTE 3	1688+02	17	1688+87	167
REL IL RTE 3	1688+64	105	1688+79	16
REL IL RTE 3	1688+81	109	1689+53	73
VERIFIED WATER MAIN, SIZE UNKNOWN				
REL IL RTE 3	1689+74	5	1690+00	53
REMOVAL OF UNKNOWN UTILITY, SIZE UNKNOWN				
REL IL RTE 3	1687+80	32	1689+51	172
REL IL RTE 3	1689+20	121	1689+26	85

CHAIN LINK FENCE REMOVAL							TOTAL 670 FOOT
	FROM			TO			
LOCATION	STA	OFF	LT/RT	STA	OFF	LT/RT	SUBTOTALS
PR REL IL 3	1671+76.57	168.63	LT	1671+98.17	74.69	RT	245
PR REL IL 3	1671+75.88	165.11	RT	1671+98.52	109.12	RT	82
PR REL IL 3	1671+76.28	163.95	RT	1671+91.47	162.55	RT	16
PR REL IL 3	1687+72.55	139.61	LT	1688+10.35	134.67	LT	41
PR REL IL 3	1690+72.23	42.00	LT	1692+89.65	132.73	LT	286

AGGREGATE SUBGRADE 12"							TOTAL 7,037 SQ YD
LOCATION	DESCRIPTION	FROM STA.	TO STA.	LT/RT	LENGTH	AREA (SF)	SUBTOTALS
RAMP A	PAVEMENT/SHOULDER AREA	17+25.00	20+00.00	LT & RT		8,860	984
RAMP A	0.5' STRIP	17+25.00	19+00.00	LT	175.0	88	10
RAMP A	1.0' STRIP	19+00.00	20+00.00	LT	100.0	100	11
RAMP A	1.0' STRIP	17+25.00	20+00.00	RT	275.0	275	31
RAMP A	PAVEMENT/SHOULDER AREA	20+00.00	25+14.68	LT & RT		25,618	2,846
RAMP A	1.0' STRIP	20+00.00	24+51.20	LT	447.0	447	50
RAMP A	1.0' STRIP	20+00.00	24+42.20	RT	454.3	454	50
RAMP B	PAVEMENT/SHOULDER AREA	50+00.00	53+50.00	LT & RT		12,803	1,423
RAMP B	1.0' STRIP	50+27.20	53+50.00	LT	339.8	340	38
RAMP B	1.0' STRIP	50+20.90	53+50.00	RT	355.4	355	39
RAMP B	PAVEMENT/SHOULDER AREA	53+50.00	58+14.00	LT & RT		12,910	1,434
RAMP B	1.0' STRIP	53+50.00	55+37.85	RT	187.9	188	21
RAMP B	0.5' STRIP	55+37.85	58+14.00	RT	276.2	138	15
RAMP B	1.0' STRIP	53+50.00	57+00.00	LT	350.0	350	39
RAMP B	0.5' STRIP	57+00.00	58+14.00	LT	114.0	57	6
REL IL RTE 3	CB & GUTTER AREA	1681+49.31	1682+21.10	LT	134	346	38

ATTENUATOR BASE					TOTAL 13 SQ YD
LOCATION	STA	OFF	WIDTH	LENGTH	SUBTOTALS
RAMP A	19+00	27.2 LT	4'	30'	13.33

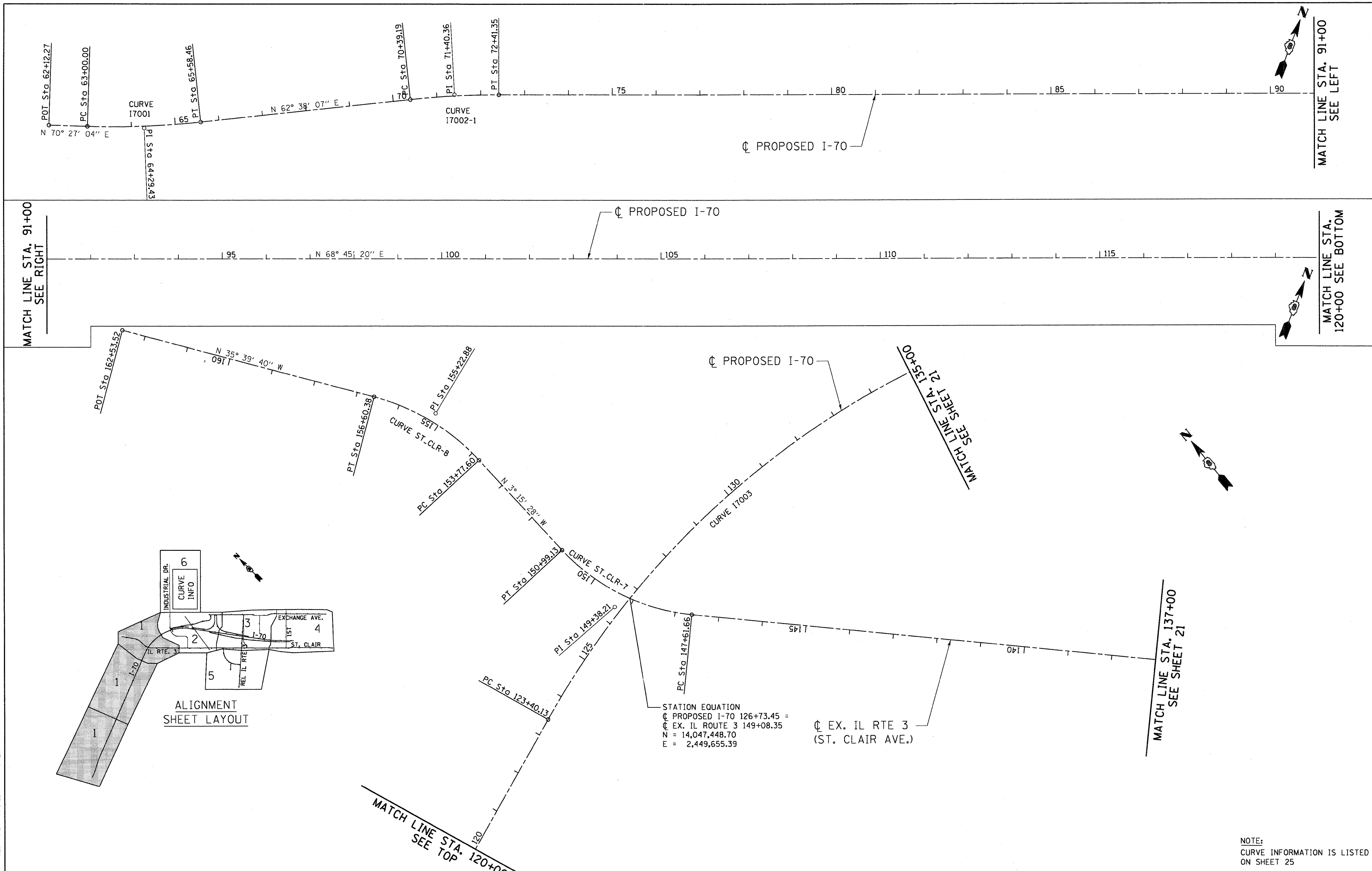
CONCRETE REMOVAL (SPECIAL)					TOTAL 56 SQ YD
LOCATION	STA.	OFF.	MIN. REMOVAL ELEVATION	AREA SQ FT	SUBTOTALS
REL IL RTE 3	1688+20.7	6.04 LT	407		
	1688+21.2	2.62 LT	407		
	1688+27.1	3.28 LT	407		
	1688+26.5	6.18 LT	407	18.8	2.09
REL IL RTE 3	1688+25.7	33.23 LT	407		
	1689+18.8	32.24 LT	407		
	1688+87.0	30.24 LT	407		
	1688+84.8	95.19 LT	407	489.4	54.38

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE						TOTAL 1000 SQ YD
LOCATION	FROM STA.	TO STA.	LT/RT	LENGTH	WIDTH	SUBTOTALS
EXISTING ST. CLAIR	107+29.00	107+59.00	RT	75	30	250
EXISTING ST. CLAIR	107+81.00	108+11.00	LT	75	30	250
EXISTING ST. CLAIR	103+78.84	104+46.44	RT	75	30	250
REL IL RTE 3	1689+02.00	1689+77.00	RT	75	30	250

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3					TOTAL 1 EACH
LOCATION	FROM STA.	OFF.	TO STA.	OFF.	SUBTOTALS
PR RAMP A	18+74.8	28.5' LT	19+00.0	27.2' LT	1

SAND DRAINAGE BLANKET							TOTAL 5,010 CU YD
LOCATION	FROM STA.	OFF.	TO STA.	OFF	AREA (SQ FT)	THICKNES FT	SUBTOTALS
REL IL RTE 3	1674+25	-113.5	1674+25	77.4	67,633	2	5,010
REL IL RTE 3	1676+00	-123.1	1676+00	96.8			
REL IL RTE 3	1676+50	-116	1676+50	89.4			
REL IL RTE 3	1676+95	-119.8	1676+95	93.2			
REL IL RTE 3	1677+50	-120	1677+50	90.2			

CONCRETE RETAINING WALL REMOVAL					TOTAL 10 FOOT
LOCATION	STA	OFF	STA	OFF	SUBTOTALS
RELOCATED IL 3	1686+97	90.57	1687+07	88.83	10



NOTE:
CURVE INFORMATION IS LISTED ON SHEET 25

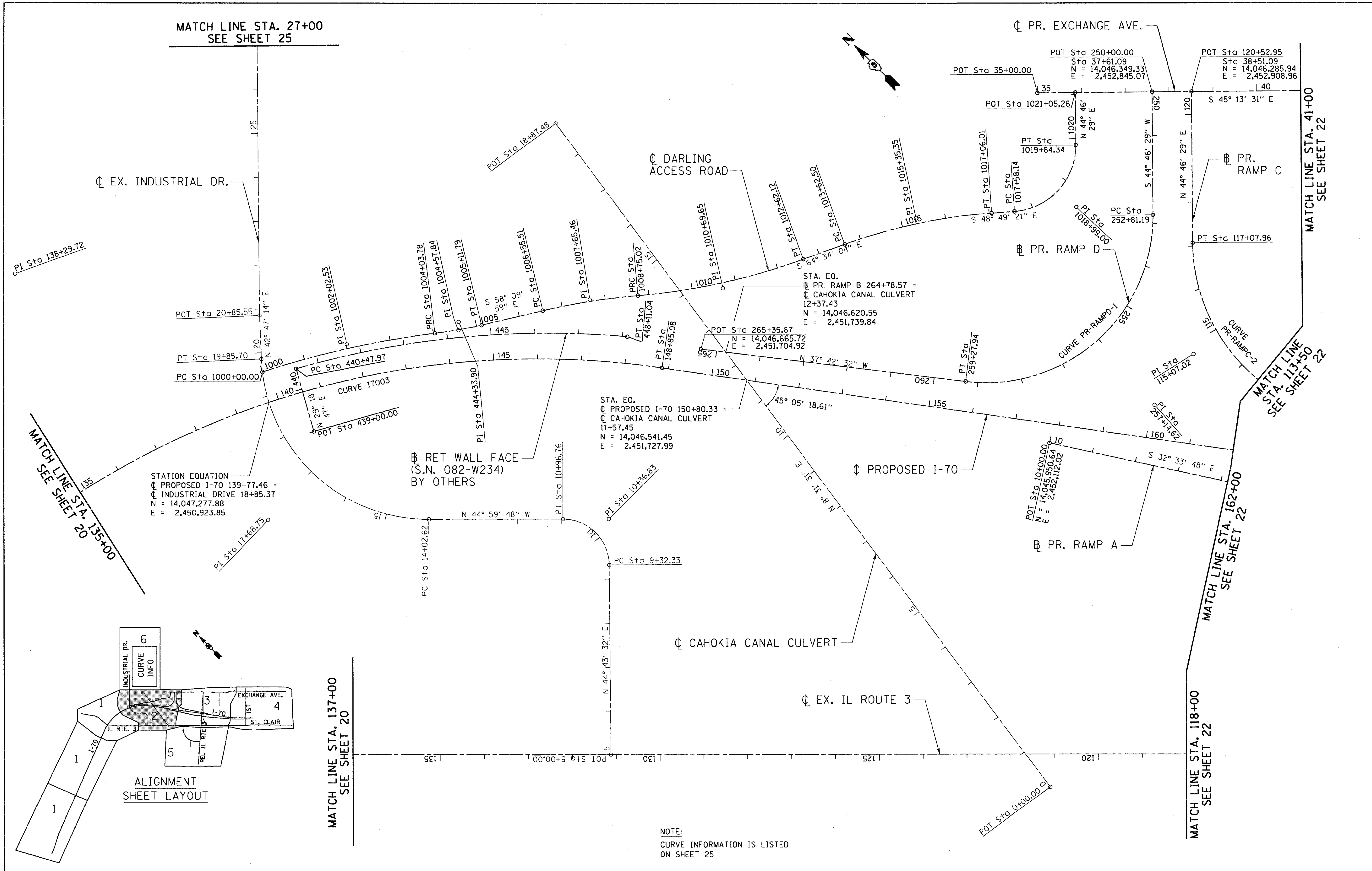
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

ALIGNMENTS, TIES & BENCHMARKS 1

SCALE: 1″=100′ | SHEET NO. 1 OF 8 SHEETS | STA. TO STA.

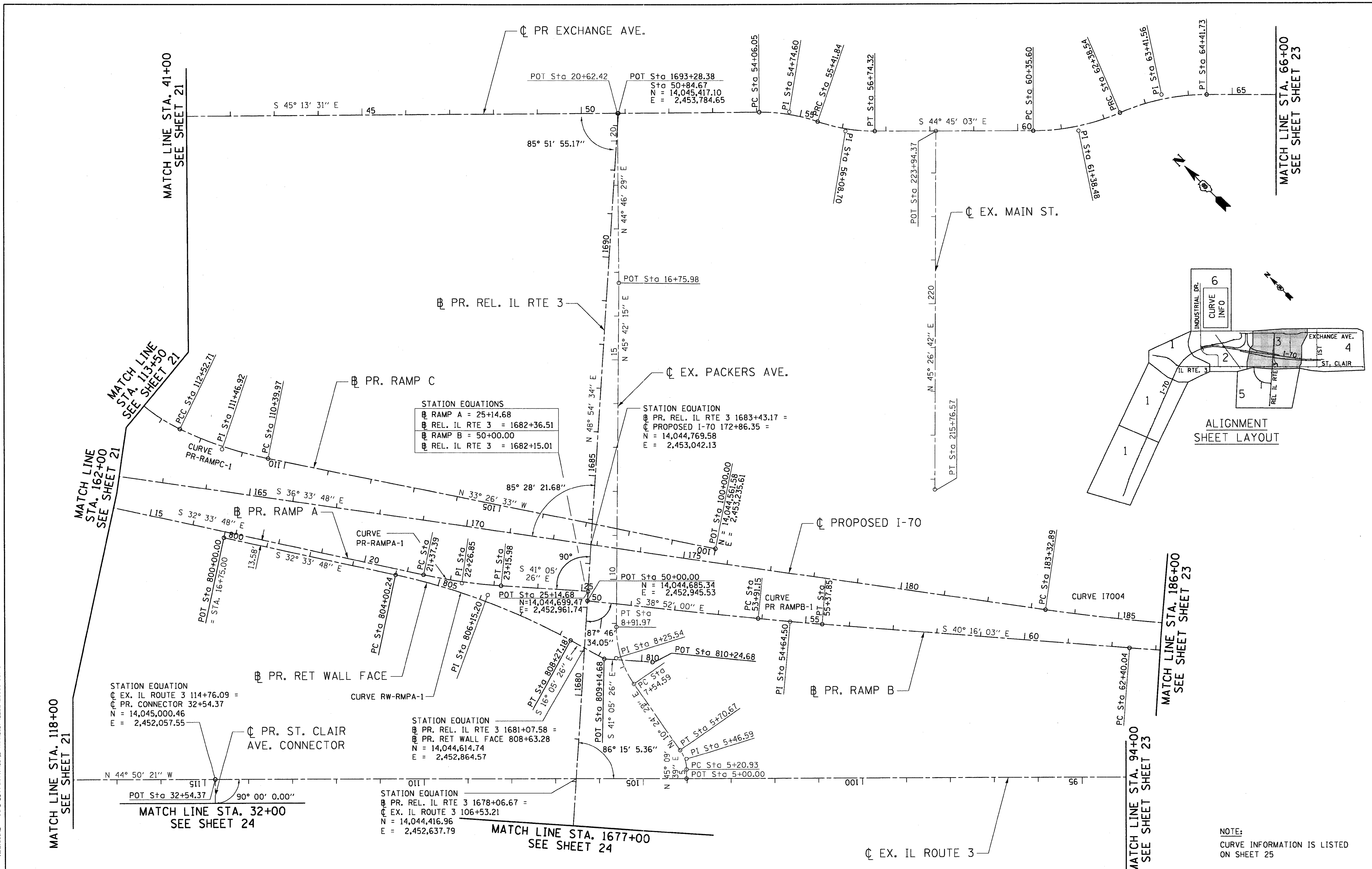
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	20
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE:
CURVE INFORMATION IS LISTED ON SHEET 25

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES & BENCHMARKS 2
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JB	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -		SCALE: 1"=100' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	21
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



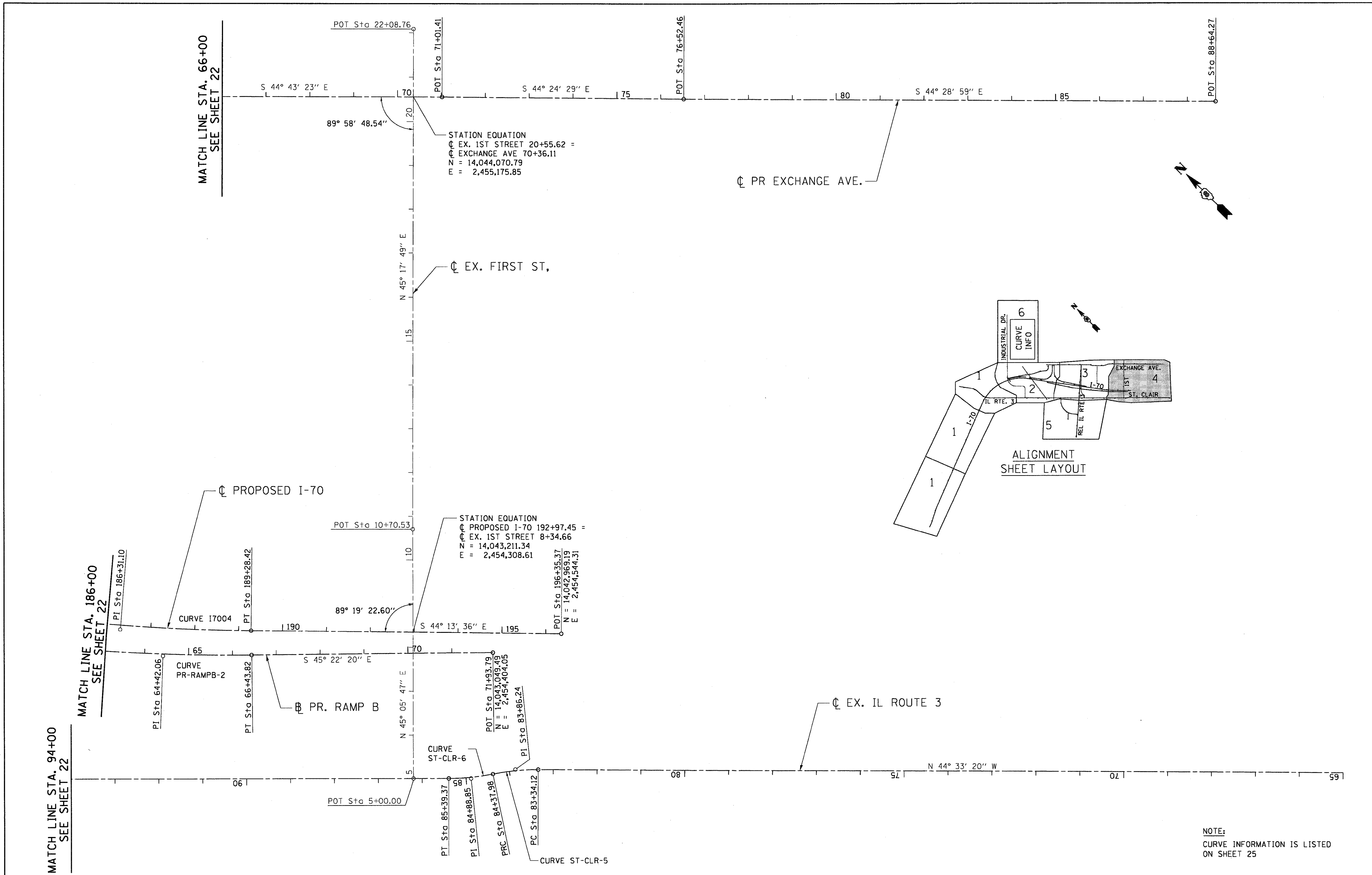
NOTE:
CURVE INFORMATION IS LISTED ON SHEET 25

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	**STATE OF ILLINOIS**
		DRAWN - JB	REVISED -	**DEPARTMENT OF TRANSPORTATION**
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

ALIGNMENTS, TIES & BENCHMARKS 3

SCALE: 1"=100' | SHEET NO. 3 OF 8 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	22
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
CURVE INFORMATION IS LISTED ON SHEET 25

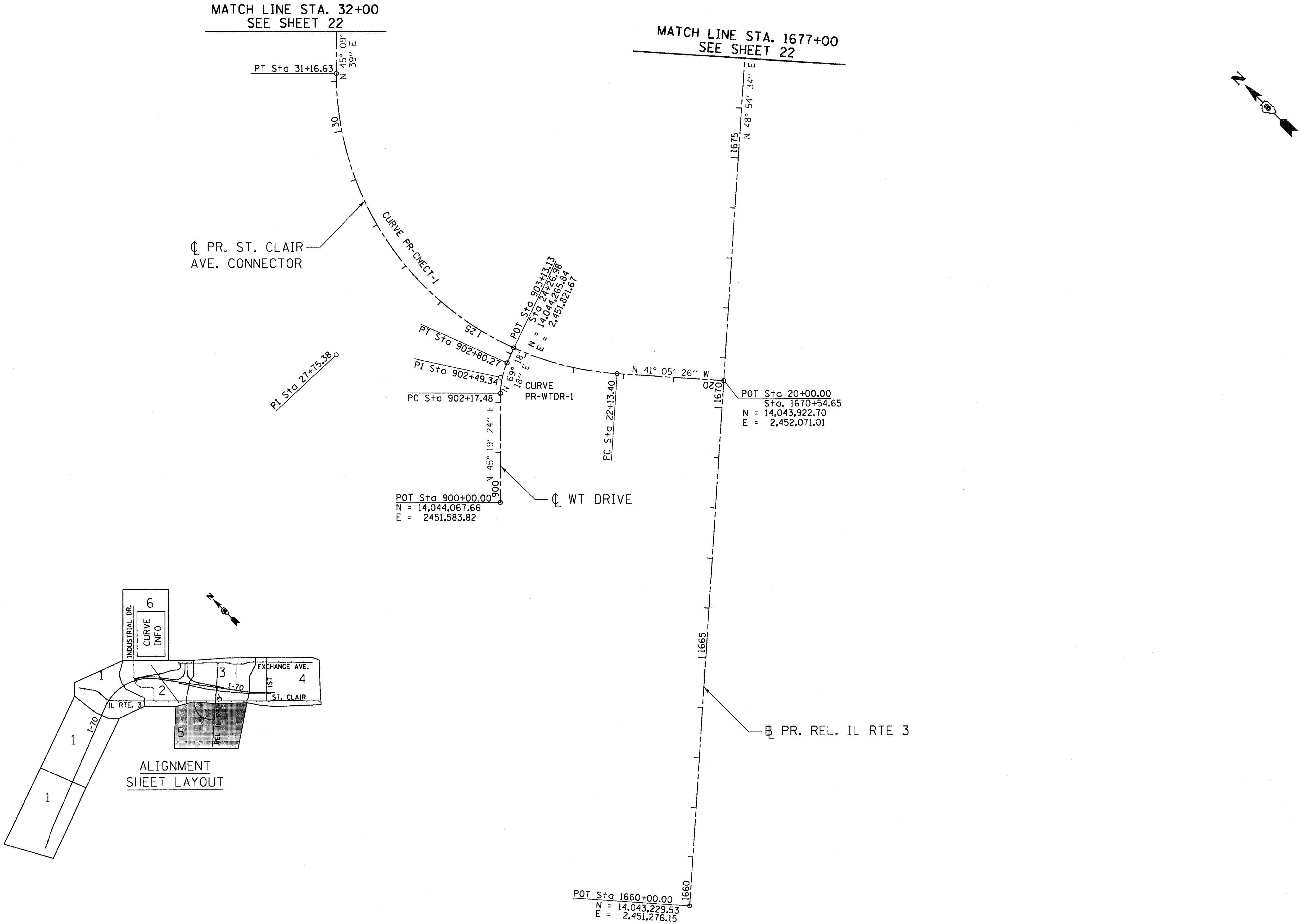
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

ALIGNMENTS, TIES & BENCHMARKS 4

SCALE: 1"=100' | SHEET NO. 4 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	23
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE:
CURVE INFORMATION IS LISTED
ON SHEET 25

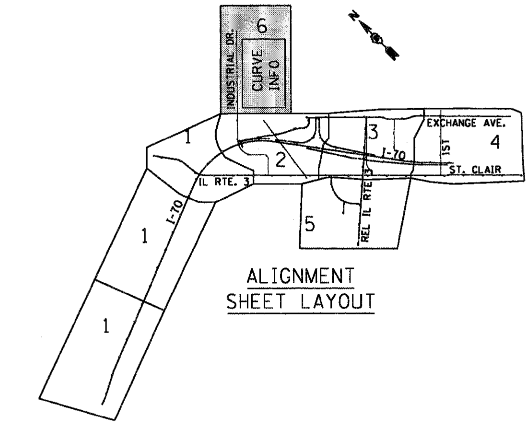
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -	
		DATE - 05/13/11	REVISED -	

ALIGNMENTS, TIES & BENCHMARKS 5

SCALE: 1"=100' | SHEET NO. 5 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	24
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA. 27+00
SEE SHEET 21

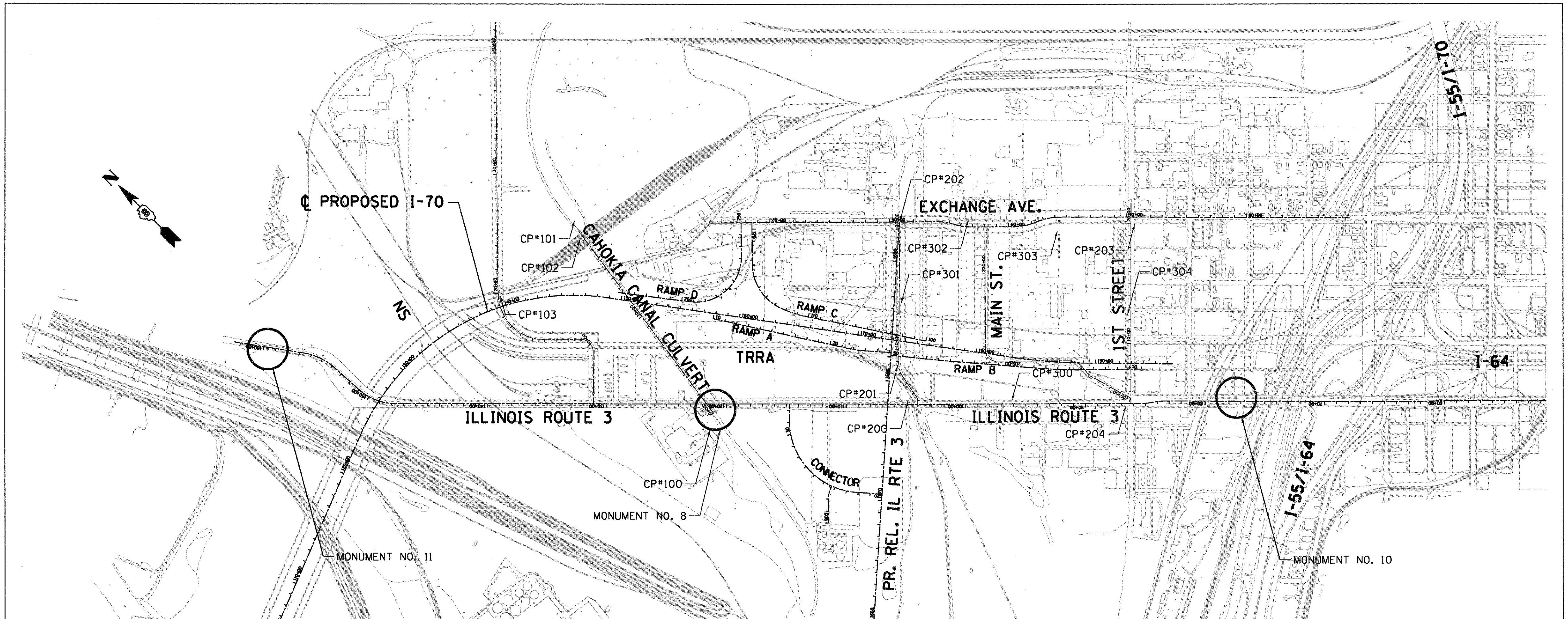


	PROPOSED I-70				RAMP A	RAMP B		RAMP C		RAMP D	RET WALL RAMP A
PROP. CURVE	I7001	I7002-1	I7003	I7004	PR_RAMPA-1	PR_RAMPB-1	PR_RAMPB-2	PR_RAMPC-1	PR_RAMPC-2	PR_RAMPD-1	RW_RMPA-1
PI STA.	64+29.43	71+40.36	138+29.72	186+31.10	22+26.85	54+64.50	64+42.06	111+46.92	115+07.02	257+14.62	806+15.20
N	14,045,143.80	14,045,470.77	14,047,894.72	14,043,689.47	14,044,916.65	14,044,323.67	14,043,577.76	14,045,518.62	14,045,860.51	14,045,842.03	14,044,855.95
E	2,443,857.63	2,444,489.36	2,450,724.31	2,453,843.21	2,452,772.34	2,453,237.02	2,453,868.87	2,452,603.55	2,452,486.86	2,452,341.74	2,452,794.99
Δ	7° 48' 56" (LT)	6° 07' 13" (RT)	74° 40' 52" (RT)	7° 39' 48" (LT)	8° 31' 38" (LT)	1° 24' 03" (LT)	5° 06' 17" (LT)	14° 35' 50" (RT)	63° 37' 12" (RT)	97° 30' 58" (RT)	16° 28' 22" (RT)
D	3° 01' 26"	3° 01' 38"	2° 56' 04"	1° 17' 13"	4° 46' 29"	0° 57' 18"	1° 15' 51"	6° 51' 42"	13° 58' 28"	15° 04' 40"	3° 51' 30"
R	1,894.74'	1,892.60'	1,952.50'	4,452.50'	1,200.00'	6,000.00'	4,532.00'	835.00'	410.00'	380.00'	1,485.00'
T	129.43'	101.18'	1,489.60'	298.21'	89.46'	73.35'	202.02'	106.95'	254.31'	433.43'	214.95'
L	258.46'	202.16'	2,544.95'	595.53'	178.60'	146.70'	403.77'	212.73'	455.25'	646.75'	426.94'
E	4.42'	2.70'	503.34'	9.98'	3.33'	0.45'	4.50'	6.82'	72.47'	196.42'	15.48'
e	N/A	N/A	5.4%	3.3%	R.C.	N.C.	3.3%	6.0%	6.0%	6.0%	N/A
T.R.	N/A	N/A	27.24'	75'	83.33'	N/A	0'	0'	0'	0'	N/A
S.E. RUN	N/A	N/A	292.36'	180'	66.67'	N/A	126.43'	150'	100'	150'	N/A
P.C. STA.	63+00.00	70+39.19	123+40.13	183+32.89	21+37.39	53+91.15	62+40.04	110+39.97	112+52.71	252+81.19	804+00.24
N	14,045,100.50	14,045,424.27	14,047,354.97	14,043,929.00	14,044,992.05	14,044,380.79	14,043,731.91	14,045,429.38	14,045,619.83	14,046,149.72	14,045,037.12
E	2,443,735.66	2,444,399.51	2,449,335.94	2,453,665.57	2,452,724.19	2,453,190.99	2,453,738.30	2,452,662.48	2,452,569.00	2,452,647.02	2,452,679.30
P.T. STA.	65+58.46	72+41.35	148+85.08	189+28.42	23+15.98	55+37.85	66+43.82	112+52.71	117+07.96	259+27.94	808+27.18
N	14,045,203.30	14,045,507.43	14,046,698.27	14,043,475.78	14,044,849.22	14,044,267.70	14,043,435.84	14,045,619.83	14,046,041.04	14,046,184.93	14,044,649.42
E	2,443,972.57	2,444,583.66	2,451,611.67	2,454,051.21	2,452,831.14	2,453,284.43	2,454,012.65	2,452,569.00	2,452,665.97	2,452,076.63	2,452,854.57

	PR. ST. CLAIR AVE. CONNECTOR	WT DRIVE	PACKERS AVE.		EXCHANGE AVE.				INDUSTRIAL DRIVE		
CURVE	PROP. CURVE PR_CNECT-1	PROP. CURVE PR_WTDR-1	EXIST. CURVE EX_PACK-1	EXIST. CURVE EX_PACK-2	PROP. CURVE PR_EXCH-1	PROP. CURVE PR_EXCH-2	PROP. CURVE PR_EXCH-3	PROP. CURVE PR_EXCH-4	EXIST. CURVE INDRD01	EXIST. CURVE INDRD02	
PI STA.	27+75.38	902+49.34	5+46.59	8+25.54	54+74.60	56+08.70	61+38.48	63+41.56	10+36.83	17+68.75	
N	14,044,507.08	14,044,242.97	14,044,271.33	14,044,547.24	14,045,142.47	14,045,020.53	14,044,643.41	14,044,566.30	14,046,541.81	14,047,090.90	
E	2,451,561.39	2,451,761.12	2,452,848.31	2,452,898.99	2,454,061.46	2,454,120.34	2,454,494.18	2,454,685.10	2,451,281.88	2,450,732.86	
Δ	86° 15' 05" (RT)	23° 58' 54" (RT)	34° 45' 10" (LT)	35° 17' 45" (RT)	19° 27' 04" (RT)	18° 58' 37" (LT)	23° 15' 21" (LT)	23° 17' 01" (RT)	89° 43' 20" (LT)	87° 47' 02" (RT)	
D	9° 32' 57"	38° 11' 50"	69° 52' 22"	25° 41' 35"	14° 19' 26"	14° 19' 26"	11° 27' 33"	11° 27' 33"	54° 34' 03"	15° 03' 19"	
R	600.00'	150.00'	82.00'	223.00'	400.00'	400.00'	500.00'	500.00'	105.00'	380.57'	
T	561.98'	31.86'	25.66'	70.95'	68.56'	66.85'	102.89'	103.02'	104.49'	366.13'	
L	903.22'	62.78'	49.74'	137.37'	135.80'	132.48'	202.95'	203.19'	164.42'	583.08'	
E	222.08'	3.35'	3.92'	11.01'	5.83'	5.55'	10.48'	10.50'	43.13'	147.52'	
e	3.8%	N/A	NC	NC	NC	NC	NC	NC	NC	NC	
T.R.	75'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
S.E. RUN	30'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
P.C. STA.	22+13.40	902+17.48	5+20.93	7+54.59	54+06.05	55+41.84	60+35.60	62+38.54	9+32.33	14+02.62	
N	14,044,083.53	14,044,220.57	14,044,253.23	14,044,477.46	14,045,190.75	14,045,080.73	14,044,716.48	14,044,604.88	14,046,467.57	14,046,831.99	
E	2,451,930.75	2,451,738.47	2,452,830.12	2,452,886.18	2,454,012.79	2,454,091.27	2,454,421.75	2,454,589.58	2,451,208.35	2,450,991.73	
P.T. STA.	31+16.63	902+80.27	5+70.67	8+91.97	55+41.84	56+74.32	62+38.54	64+41.73	10+96.76	19+85.70	
N	14,044,903.34	14,044,254.23	14,044,296.57	14,044,596.78	14,045,080.73	14,044,973.05	14,044,604.88	14,044,493.11	14,046,615.70	14,047,359.59	
E	2,451,959.88	2,451,790.92	2,452,852.95	2,452,949.77	2,454,091.27	2,454,167.40	2,454,589.58	2,454,757.59	2,451,208.00	2,450,981.56	

	EX. IL RTE 3 (ST. CLAIR AVE.)				DARLING ACCESS ROAD						DARLING RET WALL
PROP. CURVE	ST_CLR-5	ST_CLR-6	ST_CLR-7	ST_CLR-8	PR_DRLG-1	PR_DRLG-2	PR_DRLG-3	PR_DRLG-4	PR_DRLG-5	PR_DRLG-6	RW_DRLG-1
PI STA.	83+86.24	84+88.85	149+38.21	155+22.88	1002+02.53	1004+57.84	1007+65.46	1010+69.65	1015+35.35	1018+99.00	444+33.90
N	14,042,825.09	14,042,881.99	14,047,455.42	14,048,054.76	14,047,245.24	14,047,087.19	14,046,924.88	14,046,728.21	14,046,527.29	14,046,286.43	14,047,100.74
E	2,454,249.99	2,454,164.16	2,449,616.35	2,449,582.24	2,451,142.76	2,451,344.89	2,451,606.32	2,451,838.90	2,452,261.42	2,452,536.77	2,451,359.12
Δ	11° 54' 06" (LT)	11° 37' 06" (RT)	41° 34' 53" (RT)	32° 24' 12" (LT)	11° 06' 01" (RT)	6° 11' 18" (LT)	8° 23' 05" (RT)	14° 47' 10" (LT)	15° 44' 44" (RT)	86° 24' 10" (LT)	21° 08' 30" (RT)
D	11° 27' 33"	11° 27' 33"	12° 19' 18"	11° 27' 33"	2° 44' 57"	5° 43' 46"	3° 49' 11"	3° 49' 11"	4° 35' 01"	38° 11' 50"	2° 46' 14"
R	500.00'	500.00'	465.00'	500.00'	2,084.17'	1,000.00'	1,500.00'	1,500.00'	1,250.00'	150.00'	2,068.00'
T	52.12'	50.87'	176.55'	145.28'	202.53'	54.06'	109.95'	194.63'	172.85'	140.87'	385.92'
L	103.86'	101.39'	337.46'	282.77'	403.78'	108.01'	219.51'	387.10'	343.51'	226.20'	763.07'
E	2.71'	2.58'	32.39'	20.68'	9.82'	1.46'	4.02'	12.57'	11.89'	55.77'	35.70'
e	NC	NC	N/A	N/A	N.C.	N.C.	N.C.	N.C.	N.C.	2.60%	N/A
T.R.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32'	N/A
S.E. RUN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	19'	N/A
P.C. STA.	83+34.12	84+37.98	147+61.66	153+77.60	1000+00.00	1004+03.78	1006+55.51	1008+75.02	1013+62.50	1017+58.14	440+47.97
N	14,042,787.95	14,042,853.89	14,047,330.23	14,047,909.71	14,047,336.94	14,047,120.49	14,046,982.88	14,046,853.88	14,046,601.52	14,046,379.17	14,047,287.85
E	2,454,286.56	2,454,206.55	2,449,740.84	2,449,590.49	2,450,962.18	2,451,302.30	2,451,512.91	2,451,690.28	2,452,105.32	2,452,430.75	2,451,021.59
P.T. STA.	84+37.98	85+39.37	150+99.13	156+60.38	1004+03.78	1005+11.79	1008+75.02	1012+62.12	1017+06.01	1019+84.34	448+11.04
N	14,042,853.89	14,042,918.06	14,047,631.69	14,048,172.79	14,047,120.49	14,047,058.68	14,046,853.88	14,046,644.63	14,046,413.49	14,046,386.43	14,046,804.48
E	2,454,206.55	2,454,128.29	2,449,606.32	2,449,497.54	2,451,302.30	2,451,390.81	2,451,690.28	2,452,014.67	2,452,391.52	2,452,635.99	2,451,606.45

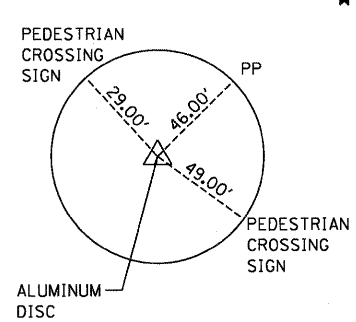
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES & BENCHMARKS 6	F.A.P. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR	TOTAL SHEETS 345	SHEET NO. 25
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=100'	SHEET NO. 6 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 76D05		
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE - 05/13/11	REVISED -							



FOR CONTROL POINTS TIE SKETCHES, SEE SHEET 27

MONUMENT NO. 11

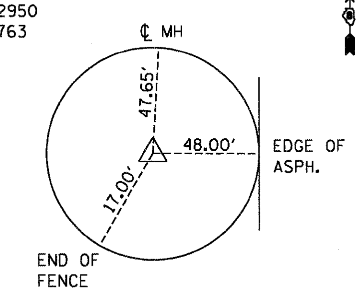
MRB (U.S. FOOT)
(PROJECT COORDINATE)
N = 14,048,411.5720
E = 2,449,306.9042
ELEV. = 414.02



DESCRIPTION:
SET IN THE BACK OF A 4.5' CONCRETE WALK (END OF WALK), LOCATED ON THE WEST SIDE OF ILLINOIS ROUTE 3 APPROXIMATELY 0.3 MILES SOUTH OF CANAL STREET. (BROOKLYN)

MONUMENT NO. 8

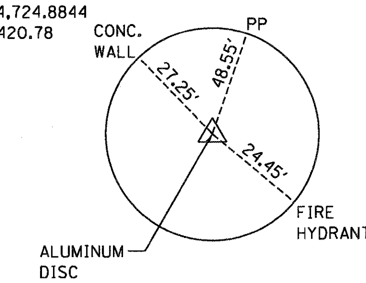
MRB (U.S. FOOT)
(PROJECT COORDINATE)
N = 14,045,393.2950
E = 2,451,580.4763
ELEV. = 401.95



DESCRIPTION:
SET IN THE SOUTH END OF A HEADWALL TO A BOX CULVERT UNDER ILLINOIS ROUTE 3, 0.7 MILES SOUTH OF CANAL STREET, 0.1 MILES SOUTH OF INDUSTRIAL DRIVE AND NORTH OF SINGLE RAILROAD TRACK.

MONUMENT NO. 10

MRB (U.S. FOOT)
(PROJECT COORDINATE)
N = 14,042,385.4974
E = 2,454,724.8844
ELEV. = 420.78



DESCRIPTION:
SET IN THE CONCRETE MEDIAN ON THE EAST SIDE OF ROUTE 3 (ST. CLAIR AVE.) BETWEEN TWO RAILROAD BRIDGES. APPROXIMATELY 0.1 MILE SOUTH OF 1ST STREET (IN FRONT OF 301 ST. CLAIR AVE. WAREHOUSE & STORE FIXTURE CO.)

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 CORRDINATES

VERTICAL DATUM

THE DATUM USED IS NAVD 1988

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

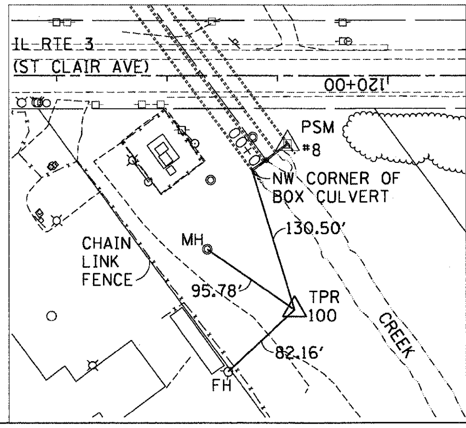
ALIGNMENTS, TIES & BENCHMARKS 7

SCALE: 1"=500' | SHEET NO. 7 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	26
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

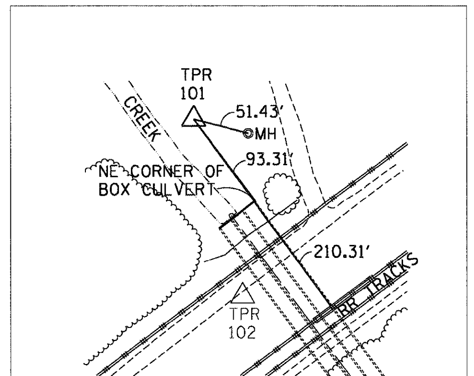
CONTROL POINT #100 (IRON ROD W/CAP)

N =14,045,283.692
E =2,451,478.950
ELEV. = 409.230



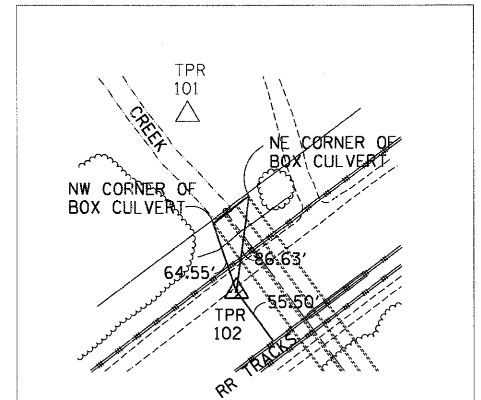
CONTROL POINT #101 (IRON ROD W/CAP)

N = 14,047,349.416
E = 2,451,873.863
ELEV. = 401.580



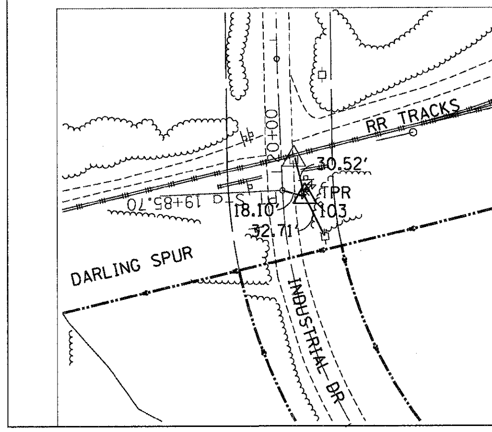
CONTROL POINT #102 (IRON ROD W/CAP)

N = 14,047,204.910
E = 2,451,791.600
ELEV. = 414.750



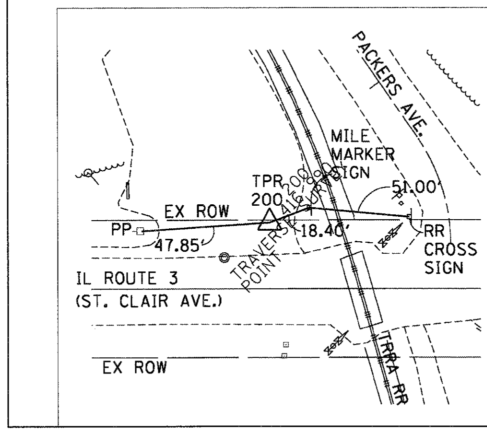
CONTROL POINT #103 (IRON ROD W/CAP)

N = 14,047,344.143
E = 2,450,990.211
ELEV. = 414.820



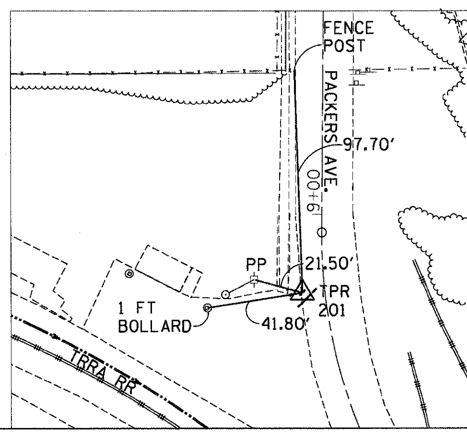
CONTROL POINT #200 (IRON ROD W/CAP)

N = 14,044,316.431
E = 2,452,780.630
ELEV. = 416.990



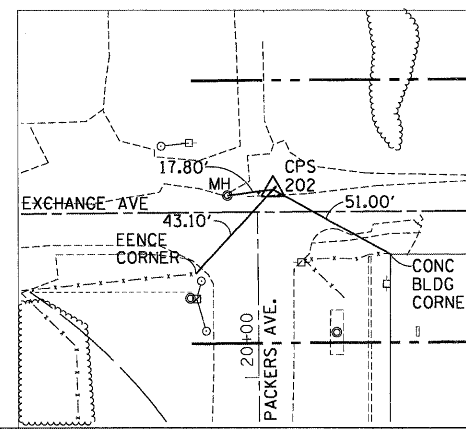
CONTROL POINT #201 (PK NAIL)

N = 14,044,584.131
E = 2,452,924.827
ELEV. = 417.190



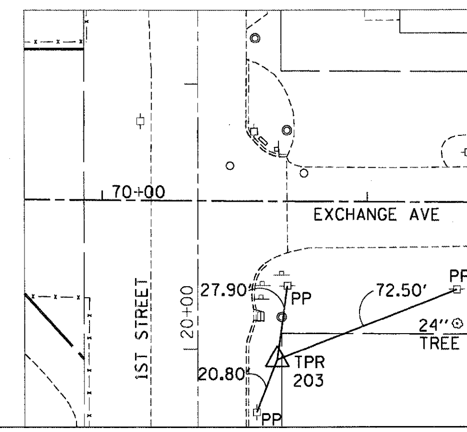
CONTROL POINT #202 (COTTON PICKER SPINDLE)

N = 14,045,420.418
E = 2,453,793.293
ELEV. = 416.310



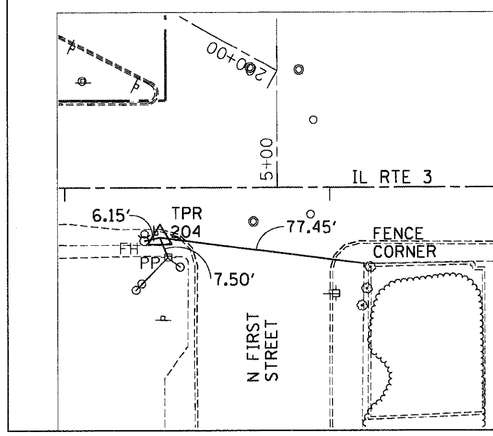
CONTROL POINT #203 (IRON ROD W/CAP)

N = 14,044,007.578
E = 2,455,154.610
ELEV. = 416.500



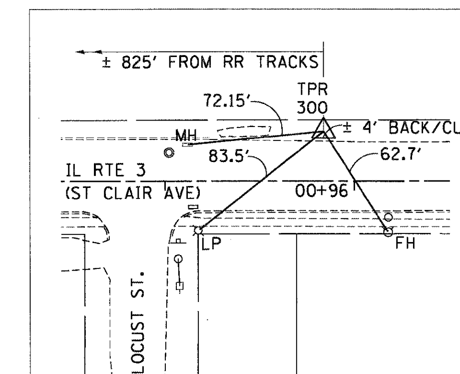
CONTROL POINT #204 (IRON ROD W/CAP)

N = 14,042,993.287
E = 2,454,026.962
ELEV. = 420.970



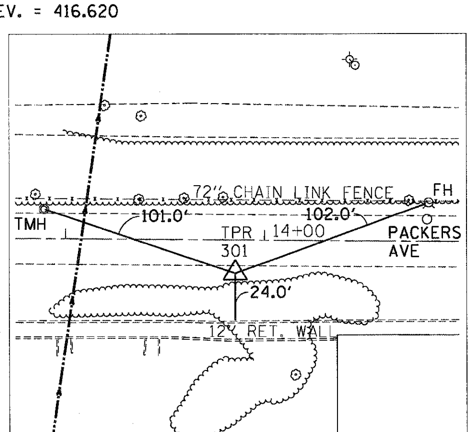
CONTROL POINT #300 (IRON ROD W/CAP)

N = 14,043,700.040
E = 2,453,387.437
ELEV. = 418.970



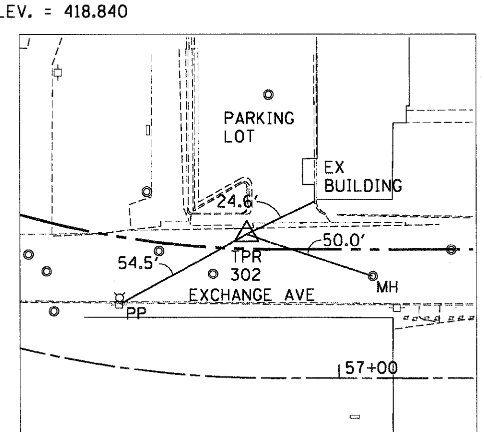
CONTROL POINT #301 (IRON ROD W/CAP)

N = 14,044,929.344
E = 2,453,314.775
ELEV. = 416.620



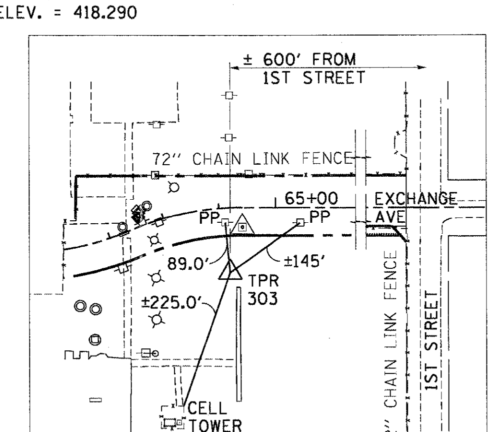
CONTROL POINT #302 (CUT CROSS)

N = 14,045,018.363
E = 2,454,200.089
ELEV. = 418.840



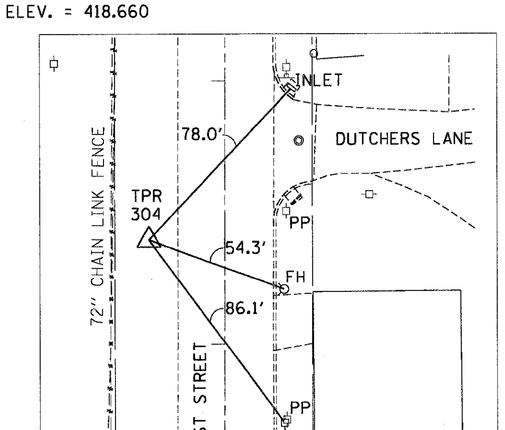
CONTROL POINT #303 (IRON ROD W/CAP)

N = 14,044,427.212
E = 2,454,660.603
ELEV. = 418.290



CONTROL POINT #304 (IRON ROD W/CAP)

N = 14,043,517.419
E = 2,454,575.981
ELEV. = 418.660



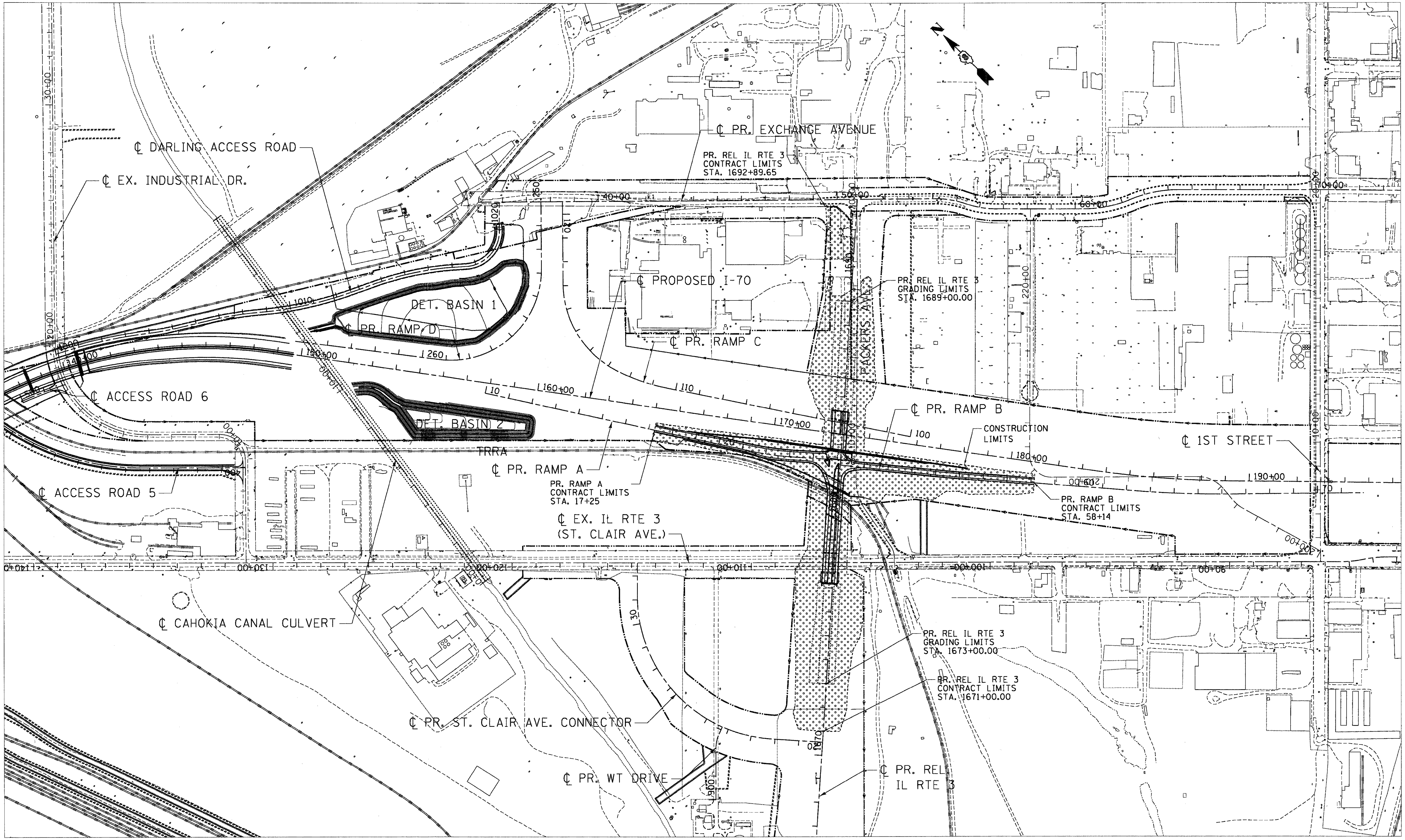
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

ALIGNMENTS, TIES & BENCHMARKS 8

SCALE: 1"=200' | SHEET NO. 8 OF 8 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	27
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



5-11-2011, 10:52:29 NEWMANND

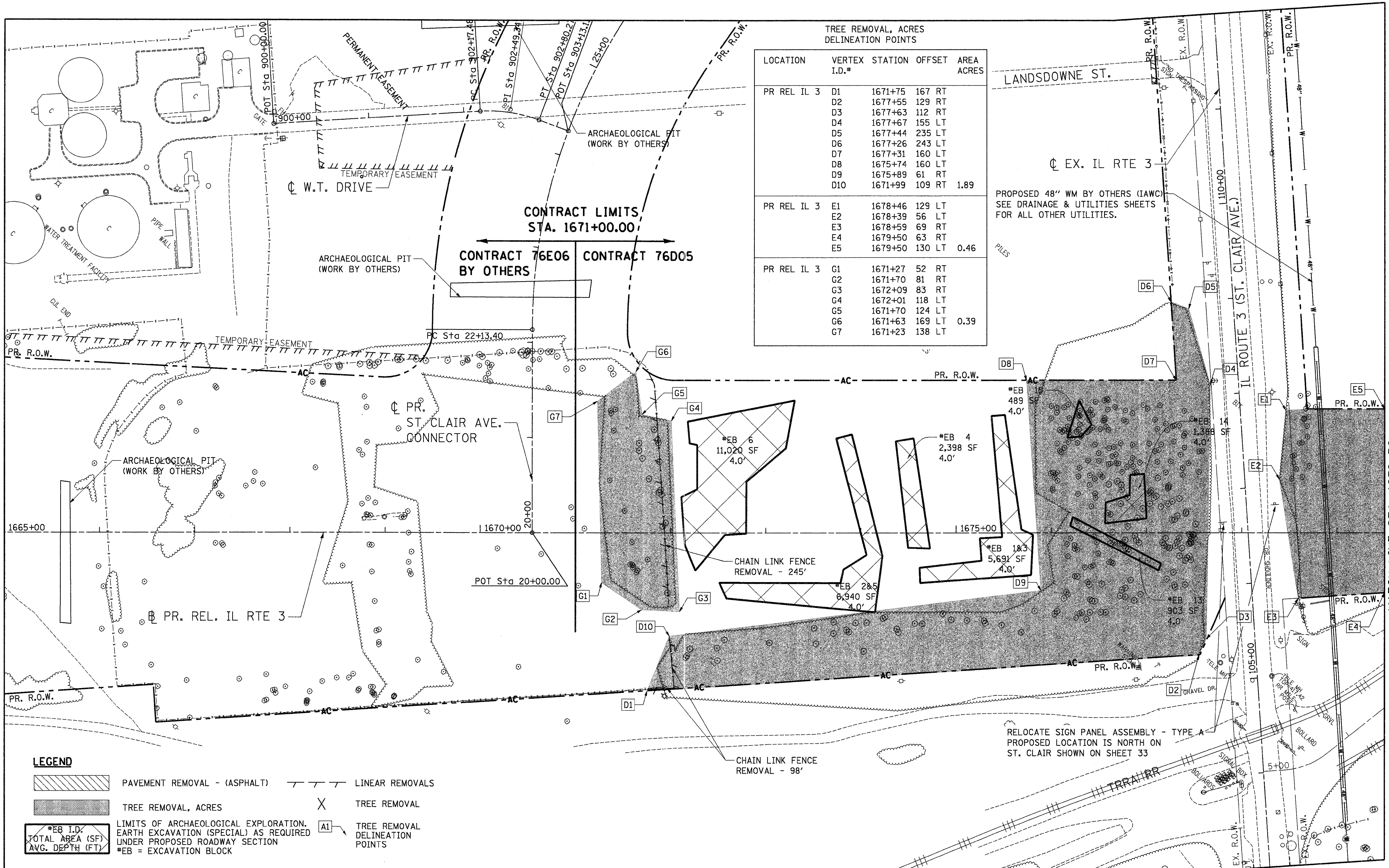
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

CONSTRUCTION LIMITS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	28
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TREE REMOVAL, ACRES
DELINEATION POINTS

LOCATION	VERTEX I.D.#	STATION	OFFSET	AREA ACRES
PR REL IL 3	D1	1671+75	167 RT	
	D2	1677+55	129 RT	
	D3	1677+63	112 RT	
	D4	1677+67	155 LT	
	D5	1677+44	235 LT	
	D6	1677+26	243 LT	
	D7	1677+31	160 LT	
	D8	1675+74	160 LT	
	D9	1675+89	61 RT	
	D10	1671+99	109 RT	1.89
PR REL IL 3	E1	1678+46	129 LT	
	E2	1678+39	56 LT	
	E3	1678+59	69 RT	
	E4	1679+50	63 RT	
	E5	1679+50	130 LT	0.46
PR REL IL 3	G1	1671+27	52 RT	
	G2	1671+70	81 RT	
	G3	1672+09	83 RT	
	G4	1672+01	118 LT	
	G5	1671+70	124 LT	
	G6	1671+63	169 LT	0.39
	G7	1671+23	138 LT	

LEGEND

- PAVEMENT REMOVAL - (ASPHALT)
- TREE REMOVAL, ACRES
- #EB I.D. / TOTAL AREA (SF) / AVG. DEPTH (FT): LIMITS OF ARCHAEOLOGICAL EXPLORATION. EARTH EXCAVATION (SPECIAL) AS REQUIRED UNDER PROPOSED ROADWAY SECTION. #EB = EXCAVATION BLOCK
- LINEAR REMOVALS
- X TREE REMOVAL
- A1 TREE REMOVAL DELINEATION POINTS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = #SCALE#	CHECKED - ACL	REVISED -
	PLOT DATE = #DATE#	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

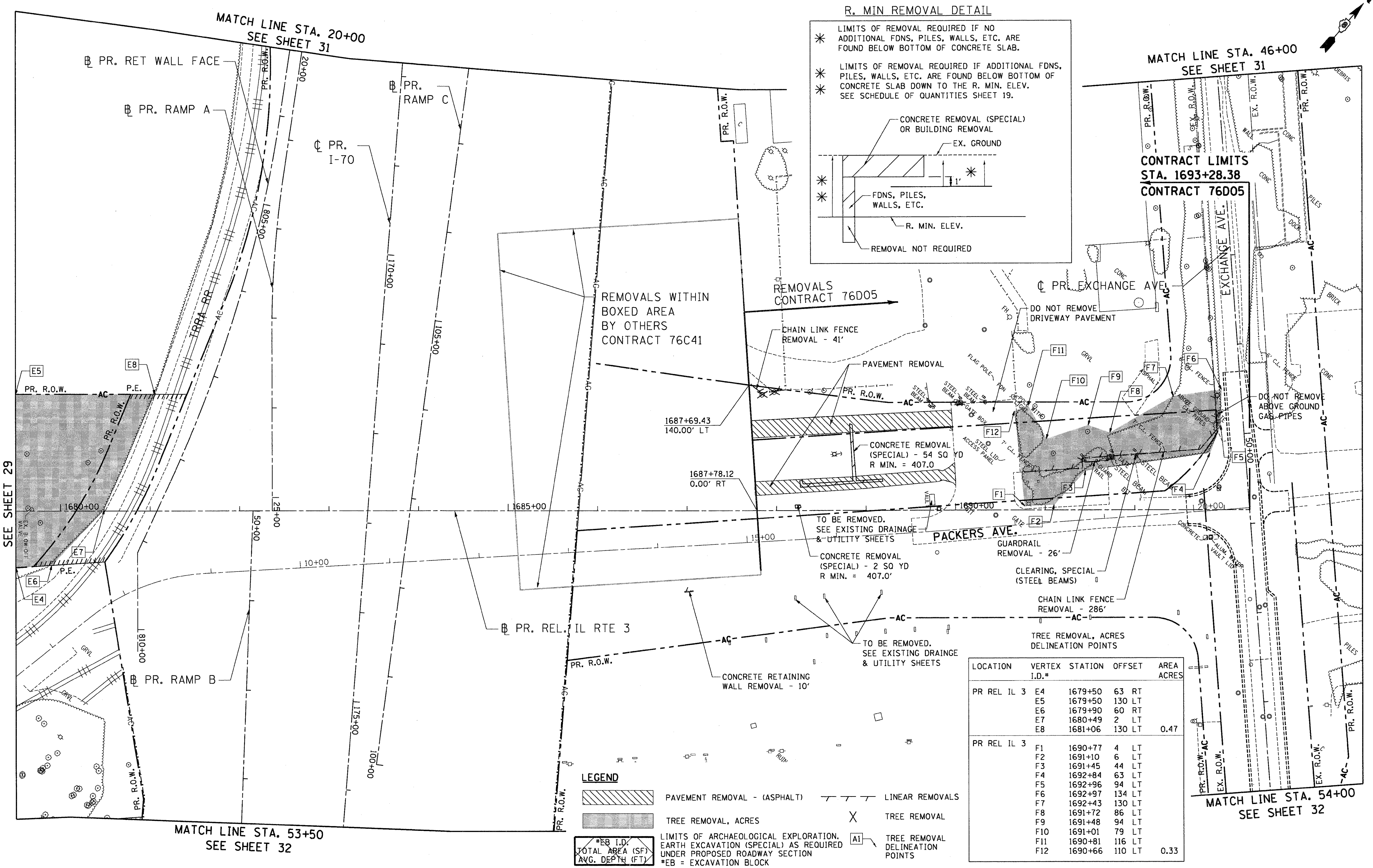
PROPOSED RELOCATED ILLINOIS ROUTE 3
EXISTING PLAN & REMOVALS
STA. 1665+00 TO STA. 1679+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	29

CONTRACT NO. 76D05
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

..\DBCONN-99-MOTIF.DGN, ..\DBCONN-10-BORDER.DGN, ..\DBCONN-11-MOTIF.DGN, ..\DBCONN-10-LEGEND.DGN, ..\DBCONN-10-LAYOUT.DGN, ..\DBCONN-10-SHT-PLAN-166500.DGN, ..\DBCONN-10-MOTIF.DGN
6-27-2011, 14:04:14 BONDHUJO



TREE REMOVAL, ACRES DELINEATION POINTS

LOCATION	VERTEX I.D.*	STATION	OFFSET	AREA ACRES
PR REL IL 3	E4	1679+50	63 RT	
	E5	1679+50	130 LT	
	E6	1679+90	60 RT	
	E7	1680+49	2 LT	
	E8	1681+06	130 LT	0.47
PR REL IL 3	F1	1690+77	4 LT	
	F2	1691+10	6 LT	
	F3	1691+45	44 LT	
	F4	1692+84	63 LT	
	F5	1692+96	94 LT	
	F6	1692+97	134 LT	
	F7	1692+43	130 LT	
	F8	1691+72	86 LT	
	F9	1691+48	94 LT	
	F10	1691+01	79 LT	
	F11	1690+81	116 LT	
	F12	1690+66	110 LT	0.33

LEGEND

PAVEMENT REMOVAL - (ASPHALT)

TREE REMOVAL, ACRES

*EB I.D. / TOTAL AREA (SF) / AVG. DEPTH (FT) — LIMITS OF ARCHAEOLOGICAL EXPLORATION, EARTH EXCAVATION (SPECIAL) AS REQUIRED UNDER PROPOSED ROADWAY SECTION
*EB = EXCAVATION BLOCK

LINEAR REMOVALS

X TREE REMOVAL

A1 TREE REMOVAL DELINEATION POINTS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
EXISTING PLAN & REMOVALS
STA. 1679+50 TO STA. 1693+28.38

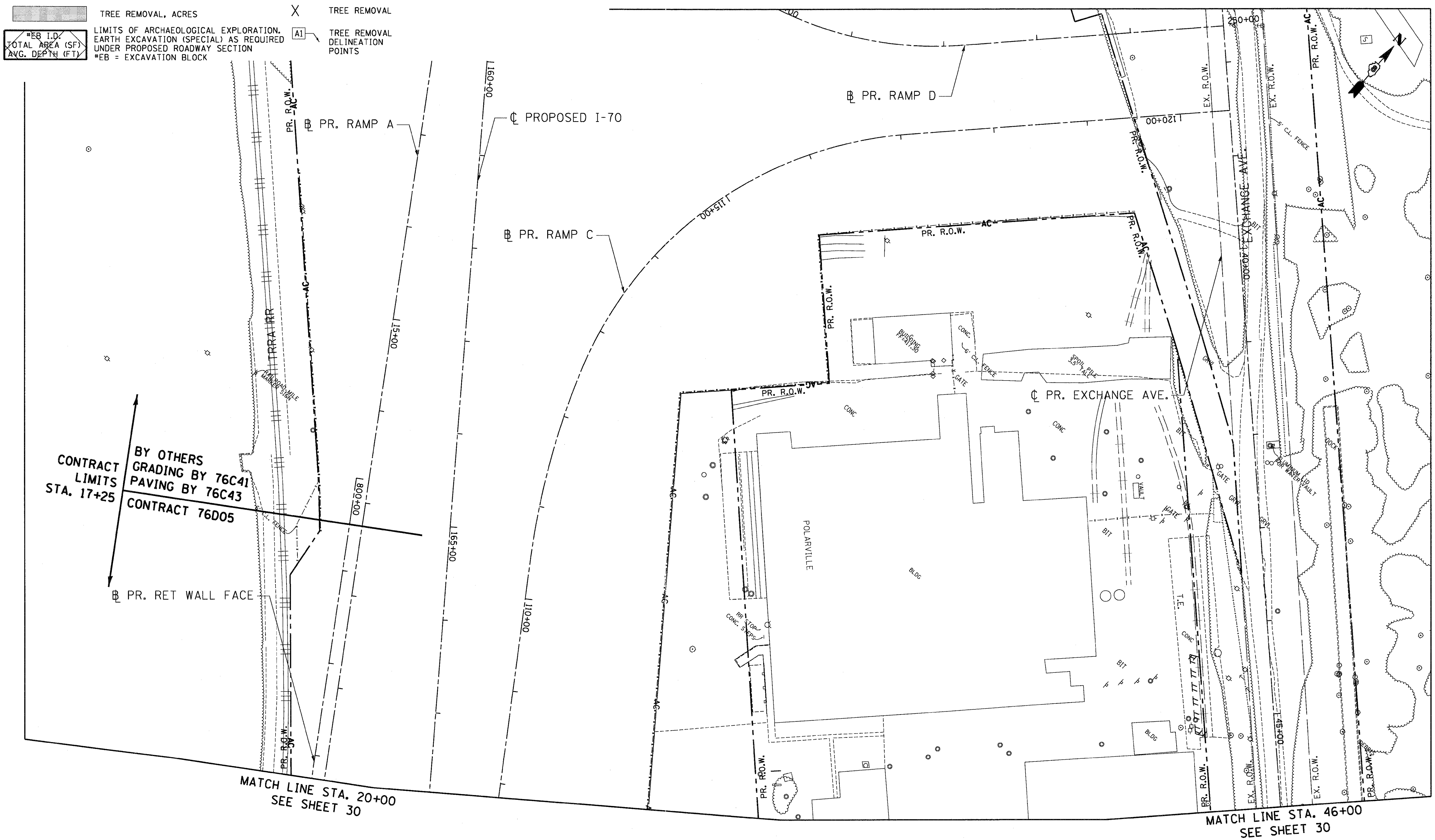
SCALE: 1"=50' | SHEET NO. 2 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	30
		CONTRACT NO. 76D05		

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

LEGEND

(hatched)	PAVEMENT REMOVAL - (ASPHALT)	(line)	LINEAR REMOVALS
(shaded)	TREE REMOVAL, ACRES	X	TREE REMOVAL
*EB I.D. / TOTAL AREA (SF) / AVG. DEPTH (FT)	LIMITS OF ARCHAEOLOGICAL EXPLORATION. EARTH EXCAVATION (SPECIAL) AS REQUIRED UNDER PROPOSED ROADWAY SECTION *EB = EXCAVATION BLOCK	A1	TREE REMOVAL DELINEATION POINTS



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

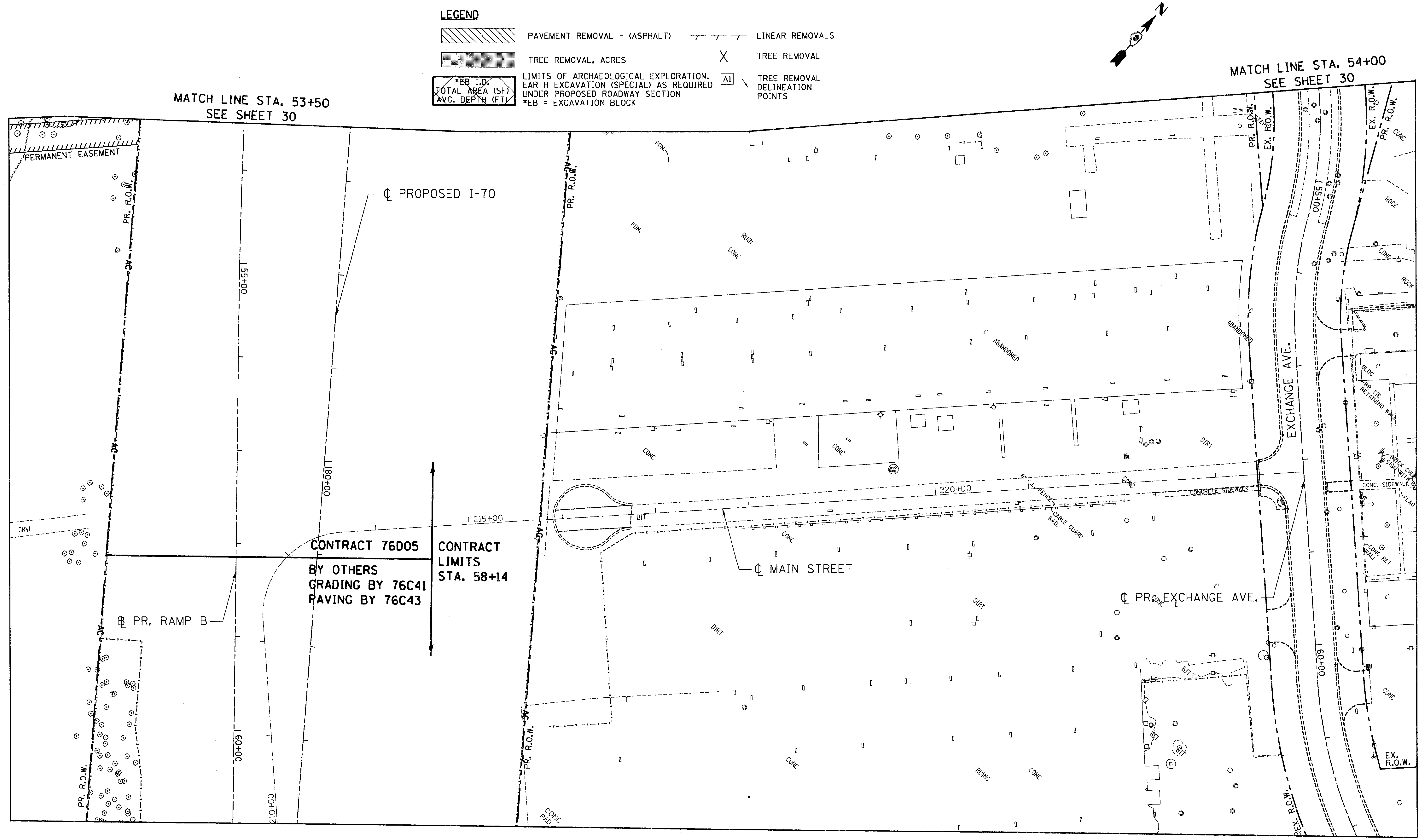
PROPOSED RAMP A
EXISTING PLAN & REMOVALS
STA. 16+00 TO STA. 20+00

SCALE: 1"=50' | SHEET NO. 3 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	31
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

(hatched)	PAVEMENT REMOVAL - (ASPHALT)
(shaded)	TREE REMOVAL, ACRES
*EB I.D. / TOTAL AREA (SF) / AVG. DEPTH (FT)	LIMITS OF ARCHAEOLOGICAL EXPLORATION. EARTH EXCAVATION (SPECIAL) AS REQUIRED UNDER PROPOSED ROADWAY SECTION *EB = EXCAVATION BLOCK
┬ ┬ ┬	LINEAR REMOVALS
X	TREE REMOVAL
A1	TREE REMOVAL DELINEATION POINTS



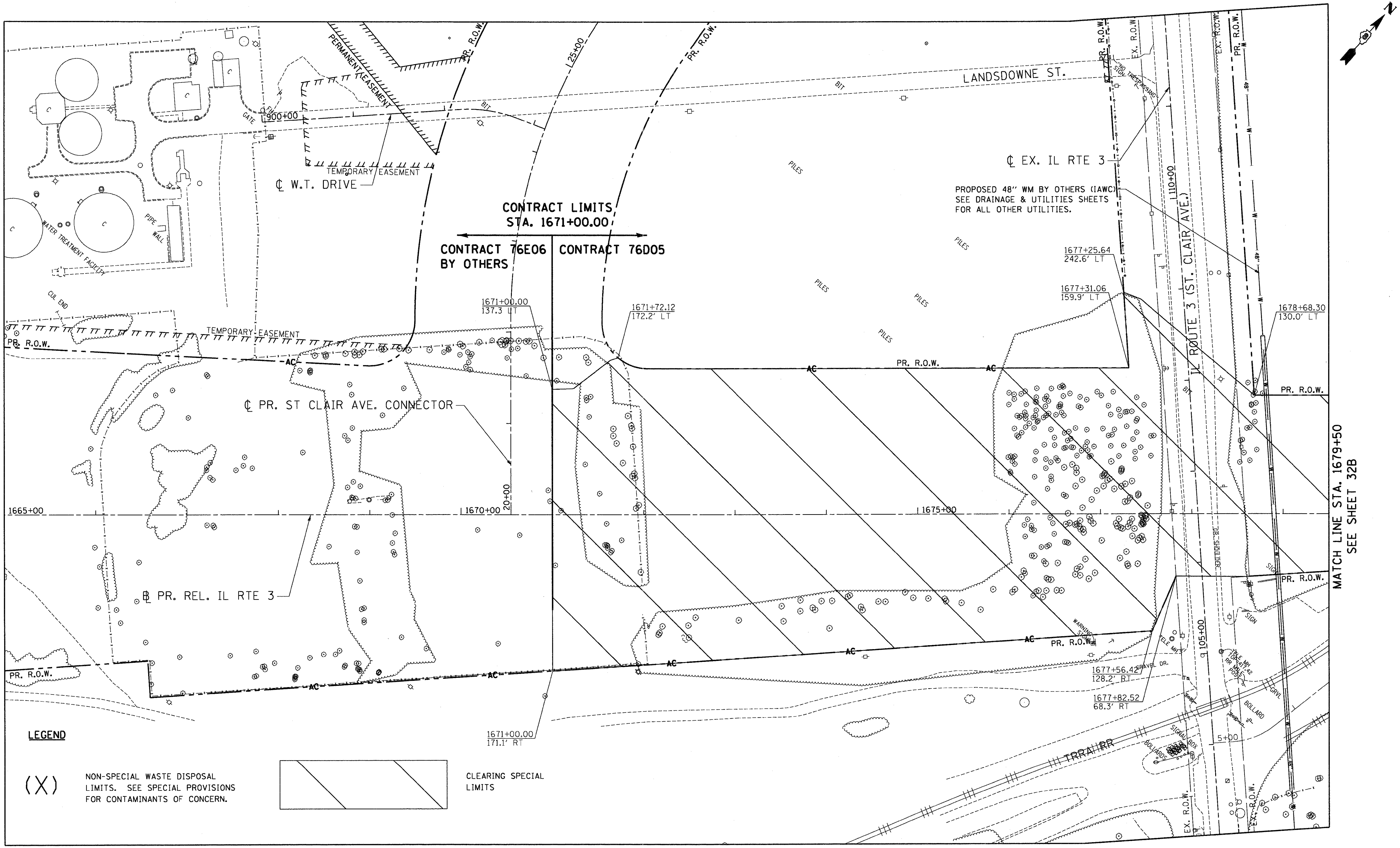
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP B
EXISTING PLAN & REMOVALS
STA. 53+50 TO STA. 61+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	32
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LEGEND

(X) NON-SPECIAL WASTE DISPOSAL LIMITS. SEE SPECIAL PROVISIONS FOR CONTAMINANTS OF CONCERN.

CLEARING SPECIAL LIMITS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

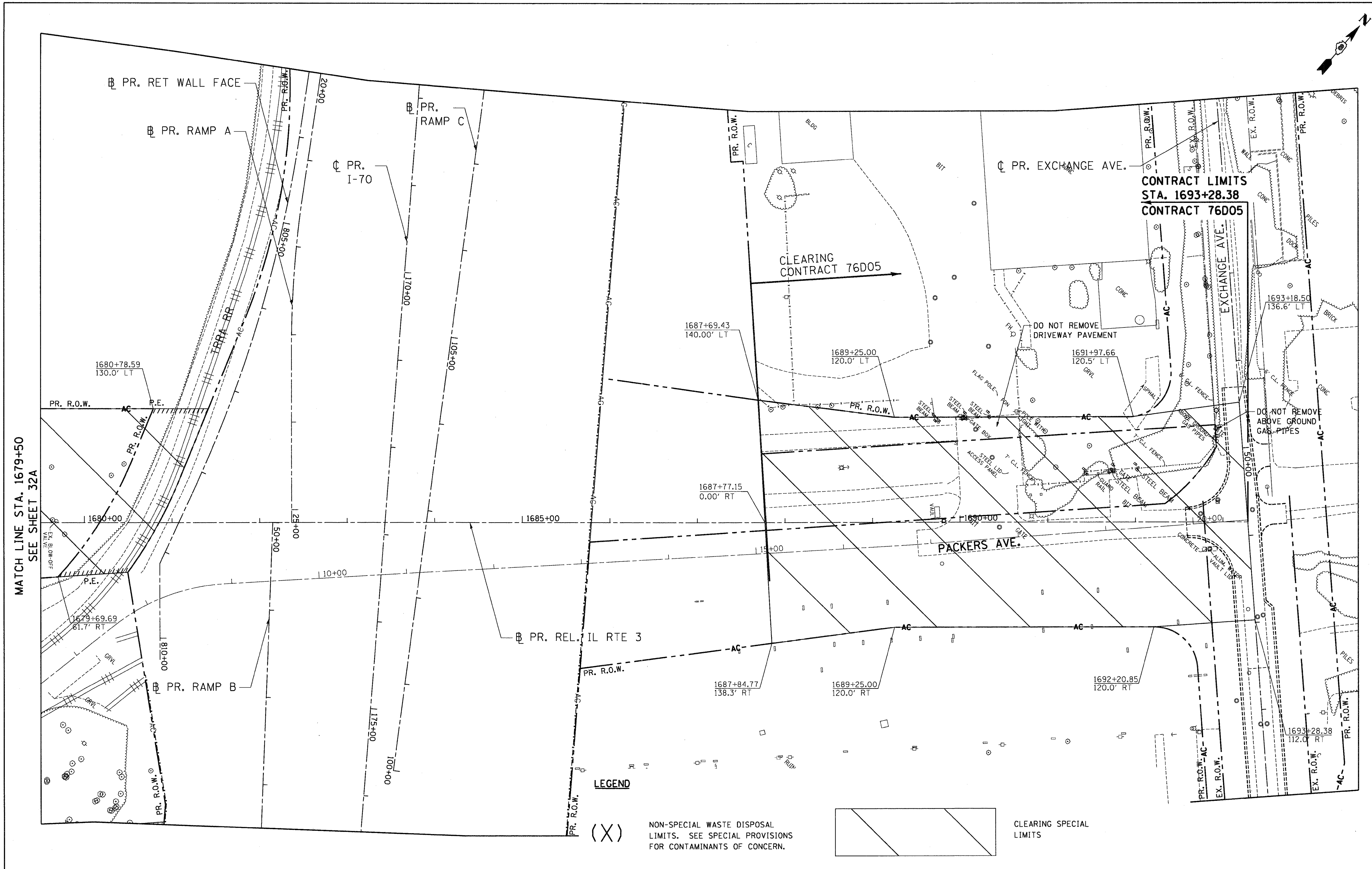
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
CLEARING PLANS
STA. 1665+00 TO STA. 1679+50

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

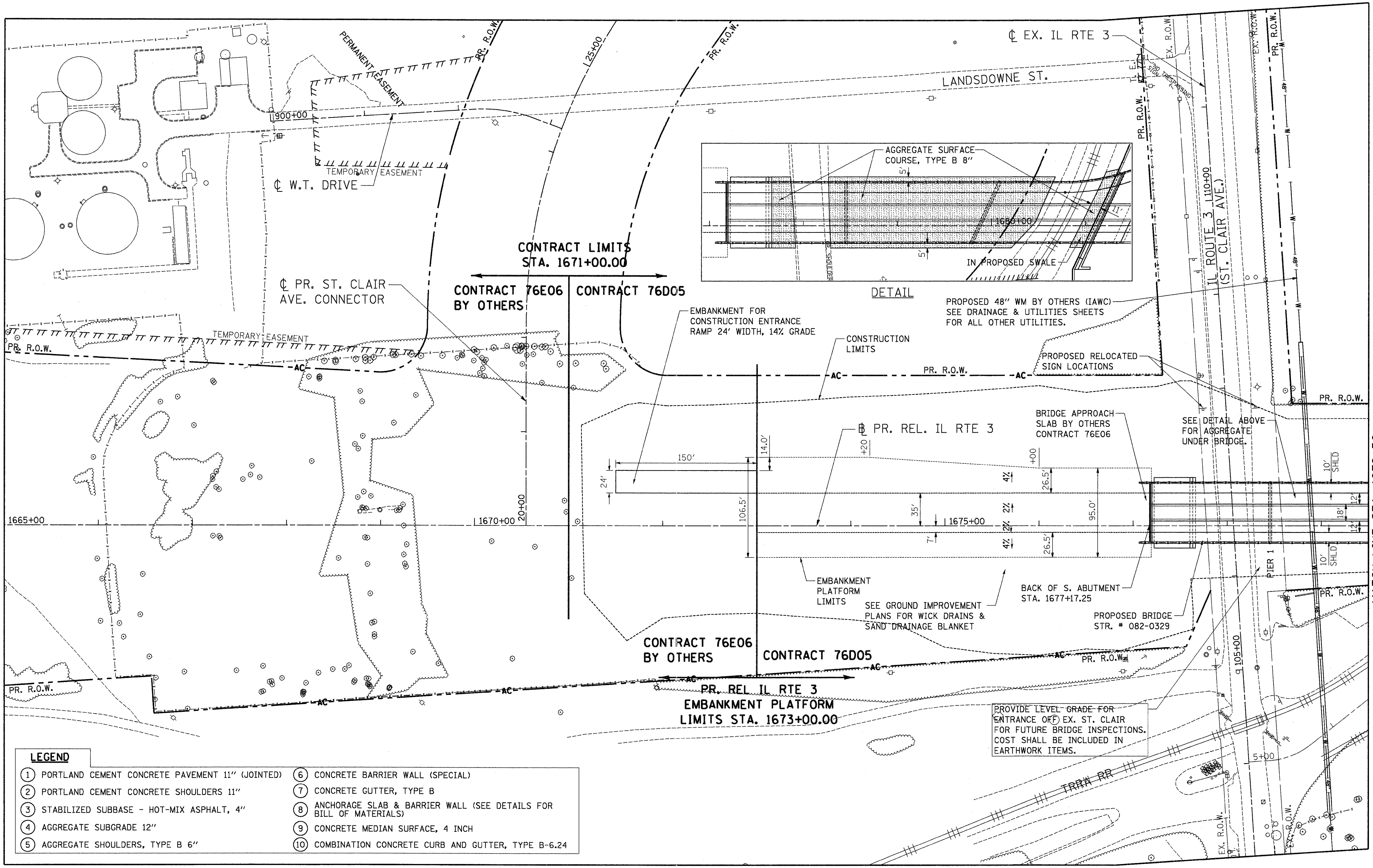
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	32A
		CONTRACT NO. 76D05		

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



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	**STATE OF ILLINOIS**	**PROPOSED RELOCATED ILLINOIS ROUTE 3**	F.A.P. RTE. 998
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**CLEARING PLANS**	SECTION 82-2-1HVB-1
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	**STA. 1679+50 TO STA. 1693+28.38**	COUNTY ST. CLAIR
		DATE - 05/13/11	REVISED -		SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.	TOTAL SHEETS 345, SHEET NO. 328, CONTRACT NO. 76D05

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



LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS 11"
3. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
4. AGGREGATE SUBGRADE 12"
5. AGGREGATE SHOULDERS, TYPE B 6"
6. CONCRETE BARRIER WALL (SPECIAL)
7. CONCRETE GUTTER, TYPE B
8. ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
9. CONCRETE MEDIAN SURFACE, 4 INCH
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

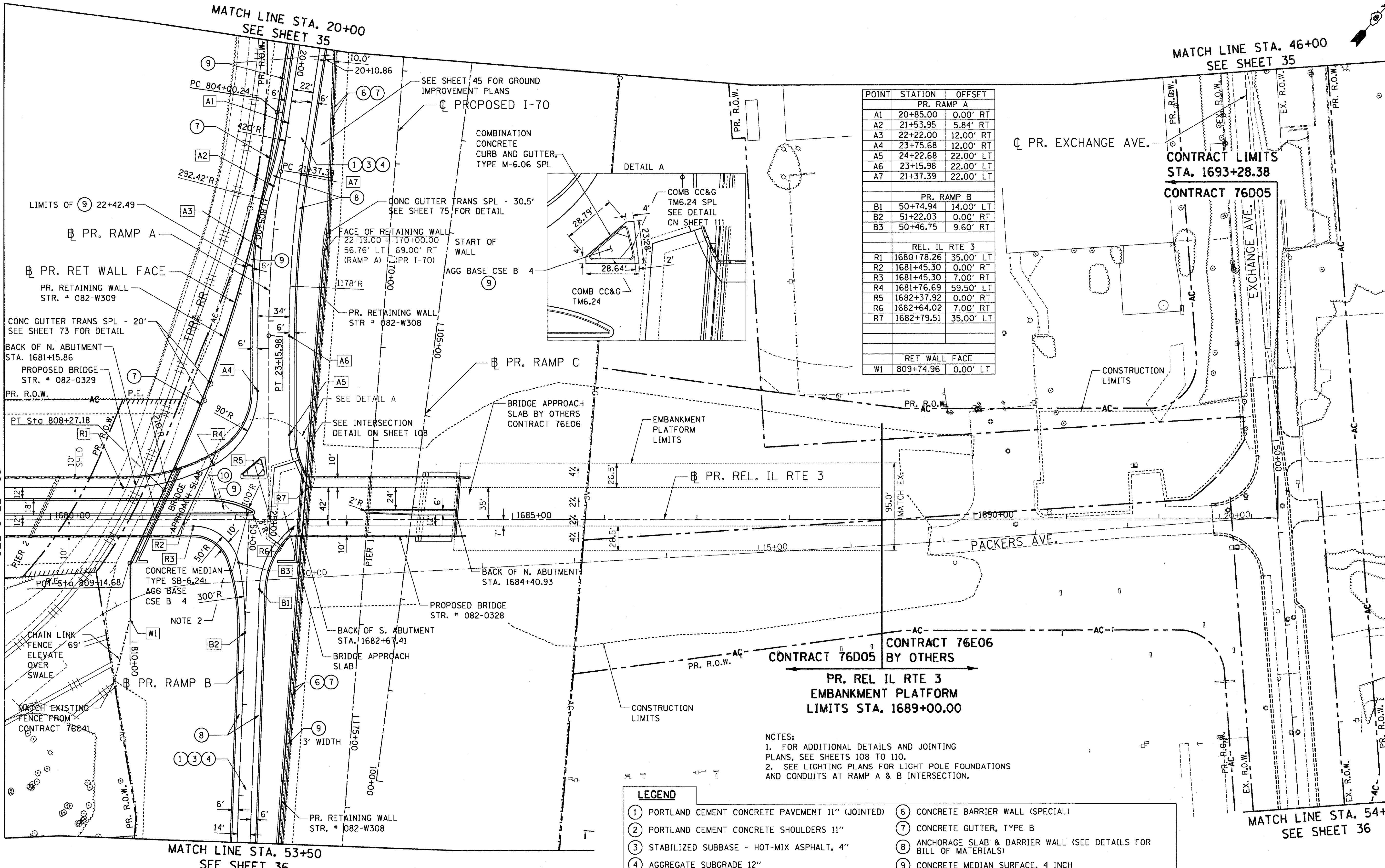
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
ROADWAY PLAN
STA. 1665+00 TO STA. 1679+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	33
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



POINT	STATION	OFFSET
	PR. RAMP A	
A1	20+85.00	0.00' RT
A2	21+53.95	5.84' RT
A3	22+22.00	12.00' RT
A4	23+75.68	12.00' RT
A5	24+22.68	22.00' LT
A6	23+15.98	22.00' LT
A7	21+37.39	22.00' LT
	PR. RAMP B	
B1	50+74.94	14.00' LT
B2	51+22.03	0.00' RT
B3	50+46.75	9.60' RT
	REL. IL RTE 3	
R1	1680+78.26	35.00' LT
R2	1681+45.30	0.00' RT
R3	1681+45.30	7.00' RT
R4	1681+76.69	59.50' LT
R5	1682+37.92	0.00' RT
R6	1682+64.02	7.00' RT
R7	1682+79.51	35.00' LT
	RET WALL FACE	
W1	809+74.96	0.00' LT

NOTES:
1. FOR ADDITIONAL DETAILS AND JOINTING PLANS, SEE SHEETS 108 TO 110.
2. SEE LIGHTING PLANS FOR LIGHT POLE FOUNDATIONS AND CONDUITS AT RAMP A & B INTERSECTION.

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS 11"
3. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
4. AGGREGATE SUBGRADE 12"
5. AGGREGATE SHOULDERS, TYPE B 6"
6. CONCRETE BARRIER WALL (SPECIAL)
7. CONCRETE GUTTER, TYPE B
8. ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
9. CONCRETE MEDIAN SURFACE, 4 INCH
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
ROADWAY PLAN
STA. 1679+50 TO STA. 1693+28.38
SCALE: 1"=50' | SHEET NO. 2 OF 4 SHEETS | STA. TO STA.

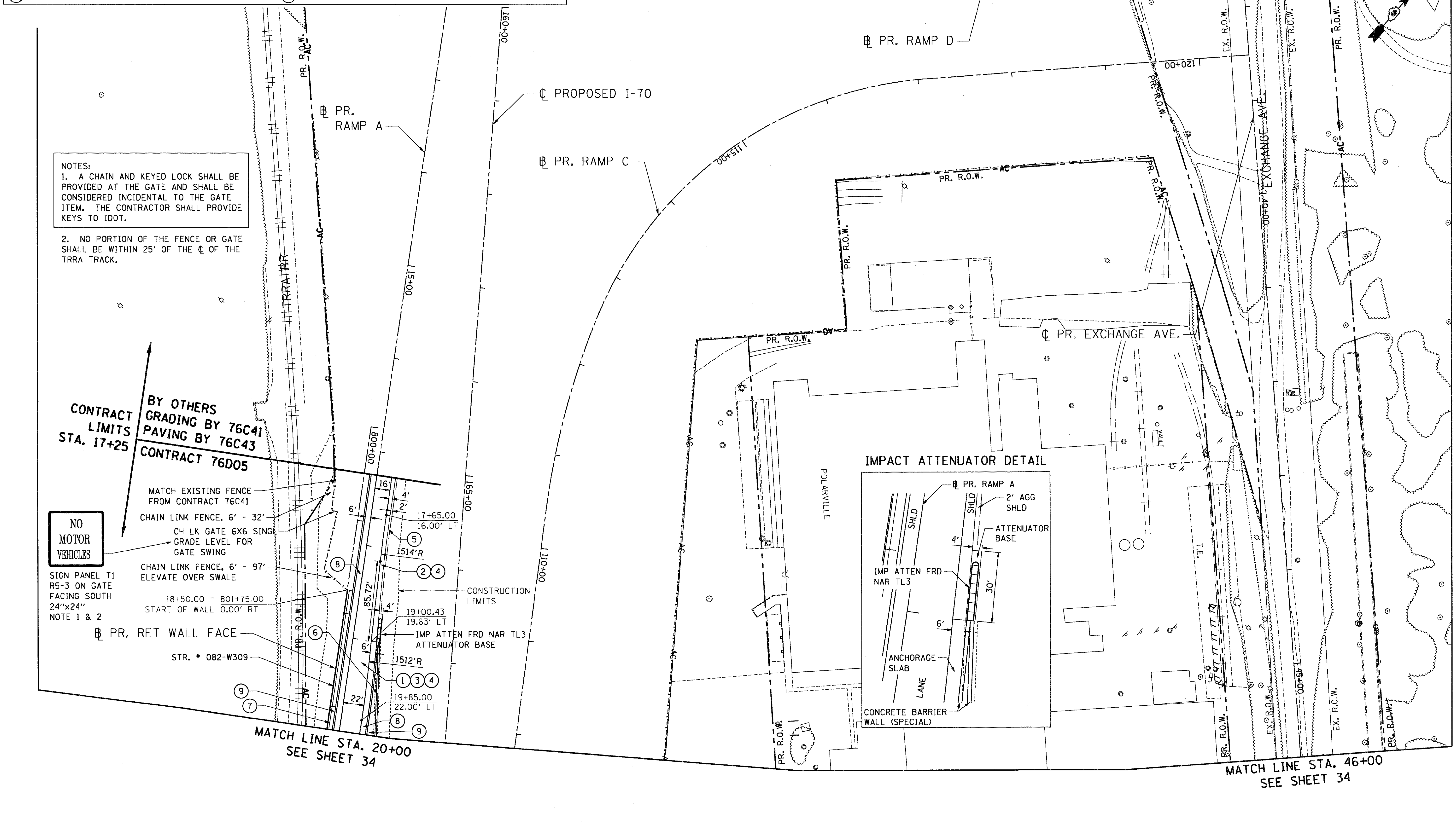
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	34
		CONTRACT NO. 76D05		

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

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS 11"
3. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
4. AGGREGATE SUBGRADE 12"
5. AGGREGATE SHOULDERS, TYPE B 6"
6. CONCRETE BARRIER WALL (SPECIAL)
7. CONCRETE GUTTER, TYPE B
8. ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
9. CONCRETE MEDIAN SURFACE, 4 INCH
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

NOTES:
1. A CHAIN AND KEYED LOCK SHALL BE PROVIDED AT THE GATE AND SHALL BE CONSIDERED INCIDENTAL TO THE GATE ITEM. THE CONTRACTOR SHALL PROVIDE KEYS TO IDOT.
2. NO PORTION OF THE FENCE OR GATE SHALL BE WITHIN 25' OF THE ℄ OF THE TRRA TRACK.



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -	
		DATE - 05/13/11	REVISED -	

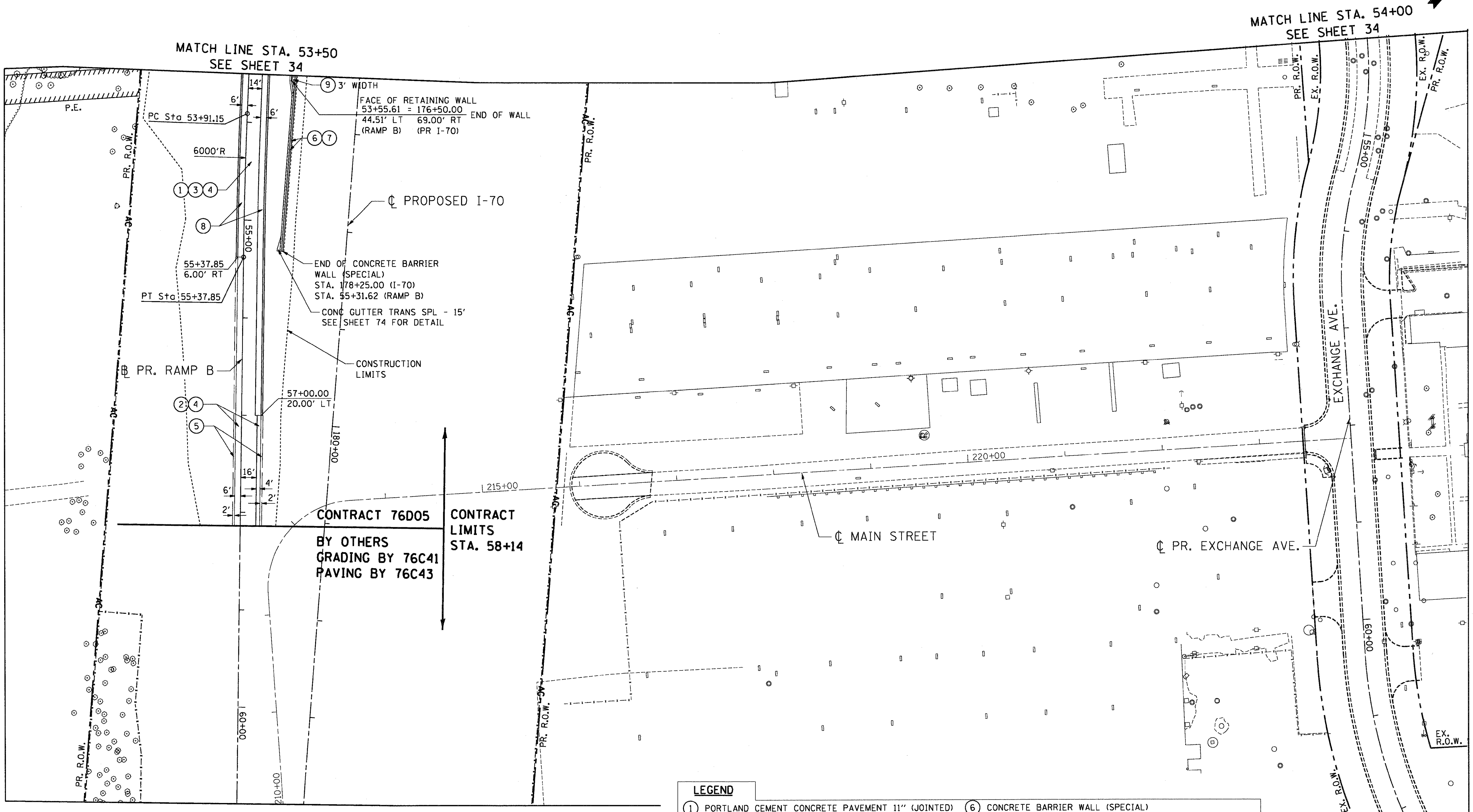
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP A
ROADWAY PLAN
STA. 16+00 TO STA. 20+00

SCALE: 1"=50' | SHEET NO. 3 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	35
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

5-11-2011, 10:54:47 NEWMANMD



LEGEND

(1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	(6) CONCRETE BARRIER WALL (SPECIAL)
(2) PORTLAND CEMENT CONCRETE SHOULDERS 11"	(7) CONCRETE GUTTER, TYPE B
(3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	(8) ANCHORAGE SLAB & BARRIER WALL (SEE DETAILS FOR BILL OF MATERIALS)
(4) AGGREGATE SUBGRADE 12"	(9) CONCRETE MEDIAN SURFACE, 4 INCH
(5) AGGREGATE SHOULDERS, TYPE B 6"	(10) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

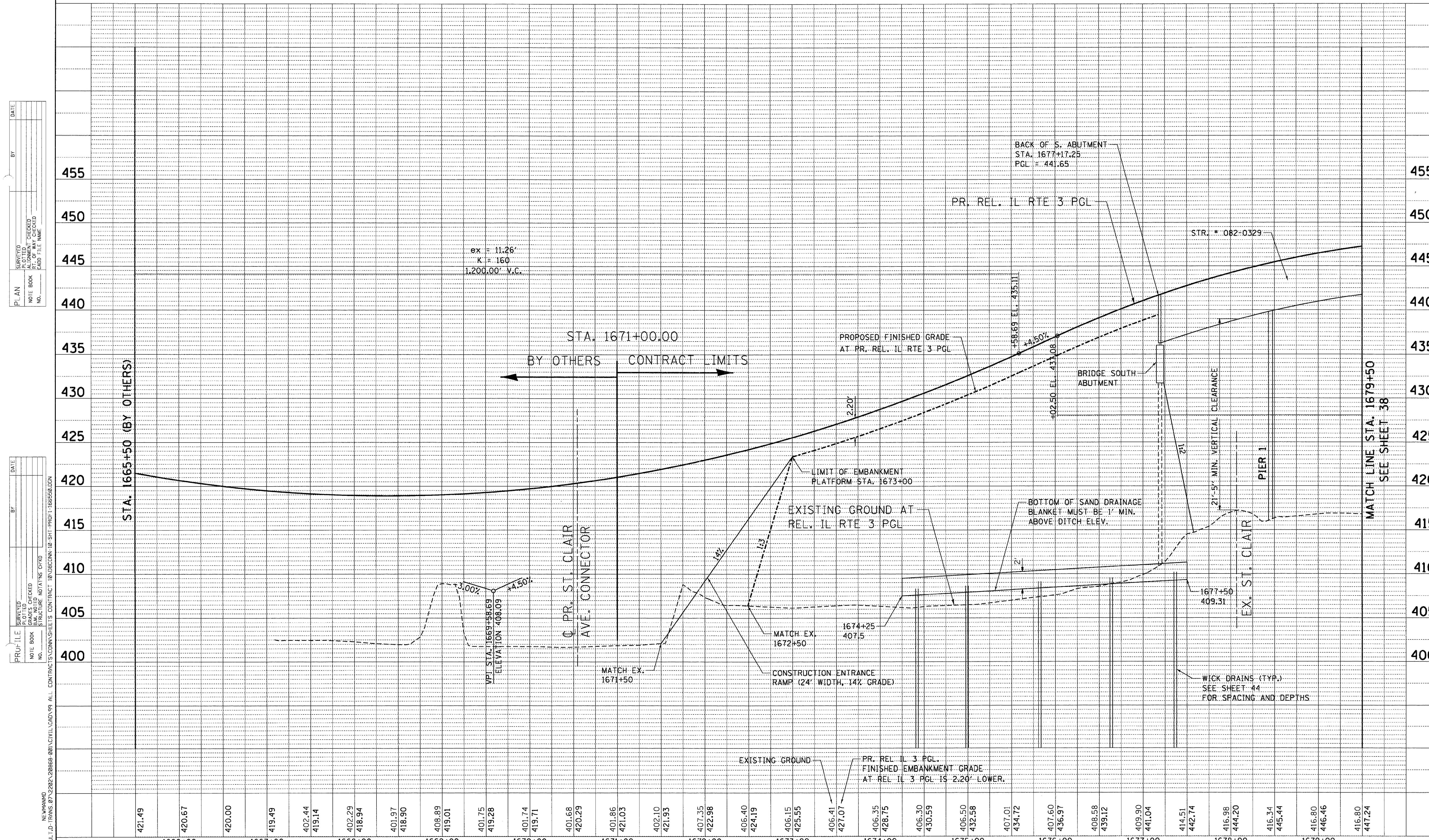
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP B
ROADWAY PLAN
STA. 53+50 TO STA. 61+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	36
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

\D8CONN-99-MOTIF1.DGN,..\D8CONN-10-BORDER1.DGN,..\D8CONN-11-MOTIF1.DGN,..\D8CONN-10-LEGEND1.DGN,..\D8CONN-10-LAYOUT1.DGN,..\D8CONN-05-MOTIF1.DGN,..\D8CONN-06-MOTIF1.DGN,..\D8CONN-08-MOTIF1.DGN,..\D8CONN-10-MOTIF1.DGN,..\D8CONN-03-GEOMETRICS1.DGN,..\D8CONN-10-SHT-ALIGNTIEBM.DGN
5-11-2011, 10:55:02 NEWMANMD \\FS-0244\HW\VAULT_D-TRANS.07\2202\20868-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\D8CONN-10-SHT-PLAN1-5350.DGN



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	
		DRAWN - JFS	REVISED -	
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

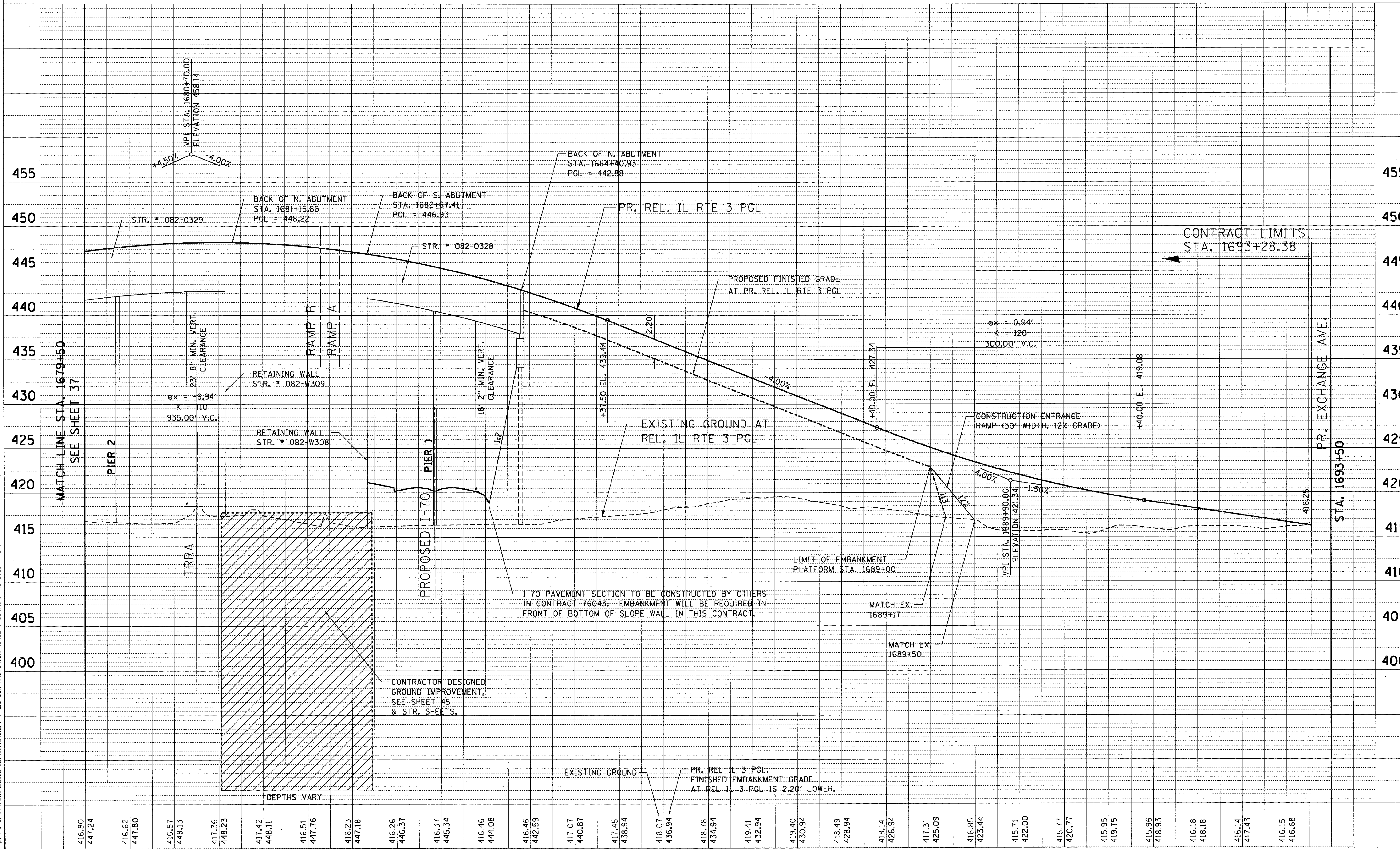
PROPOSED RELOCATED ILLINOIS ROUTE 3
ROADWAY PROFILE
STA. 1665 + 50 TO STA. 1679 + 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	37
		CONTRACT NO. 76D05		

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

5-11-2011, 11:31:11 NEWMANMD



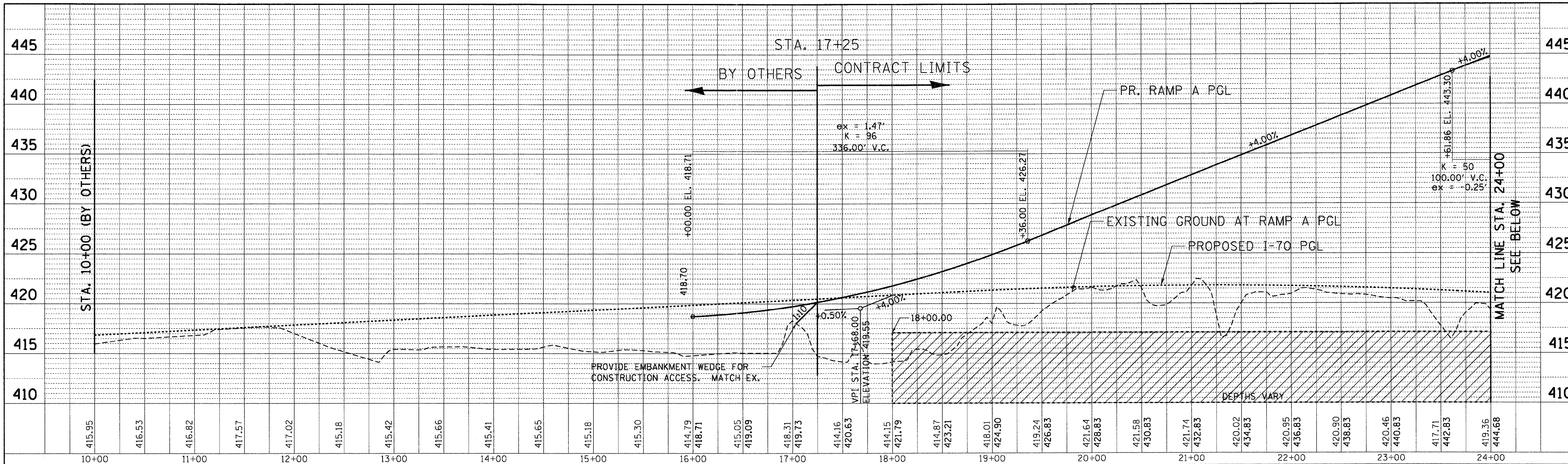
FILE NAME =	USER NAME = $USER$	DESIGNED - JB	REVISED -
$FILEL$		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

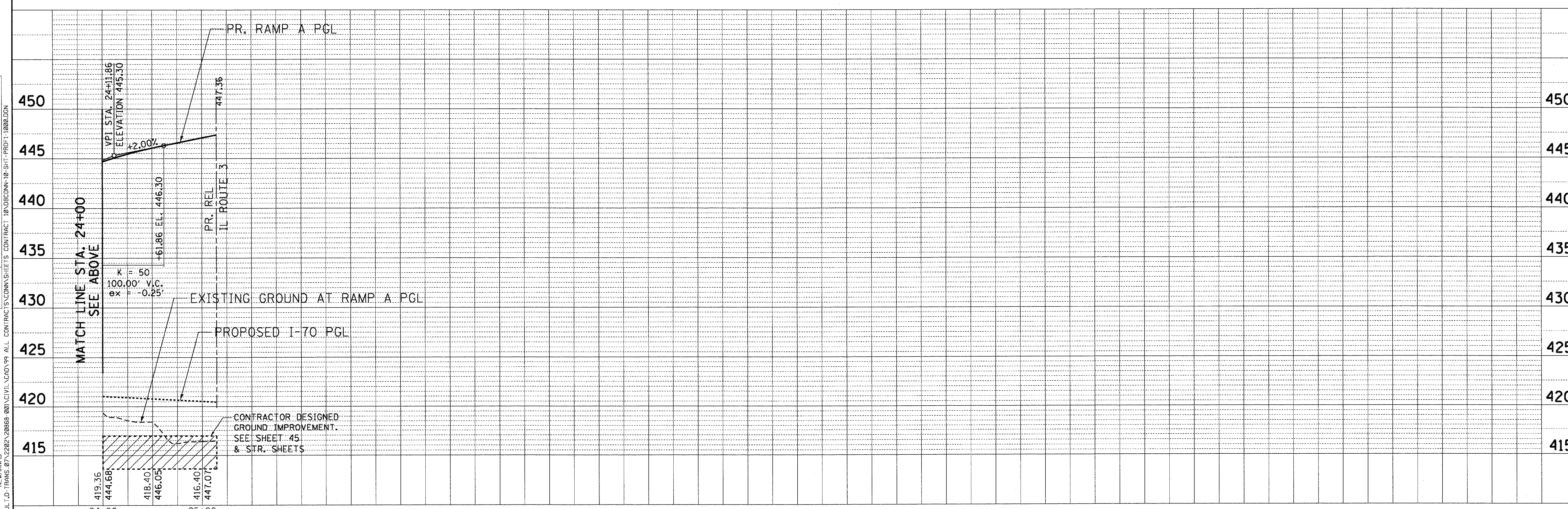
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
ROADWAY PROFILE
STA. 1679 + 50 TO STA. 1693 + 28.38

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	38
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -	RELOCATED ILLINOIS ROUTE 3
	PLOT DATE = $DATE$	CHECKED - JB	REVISED -	
		DATE - 05/13/11	REVISED -	

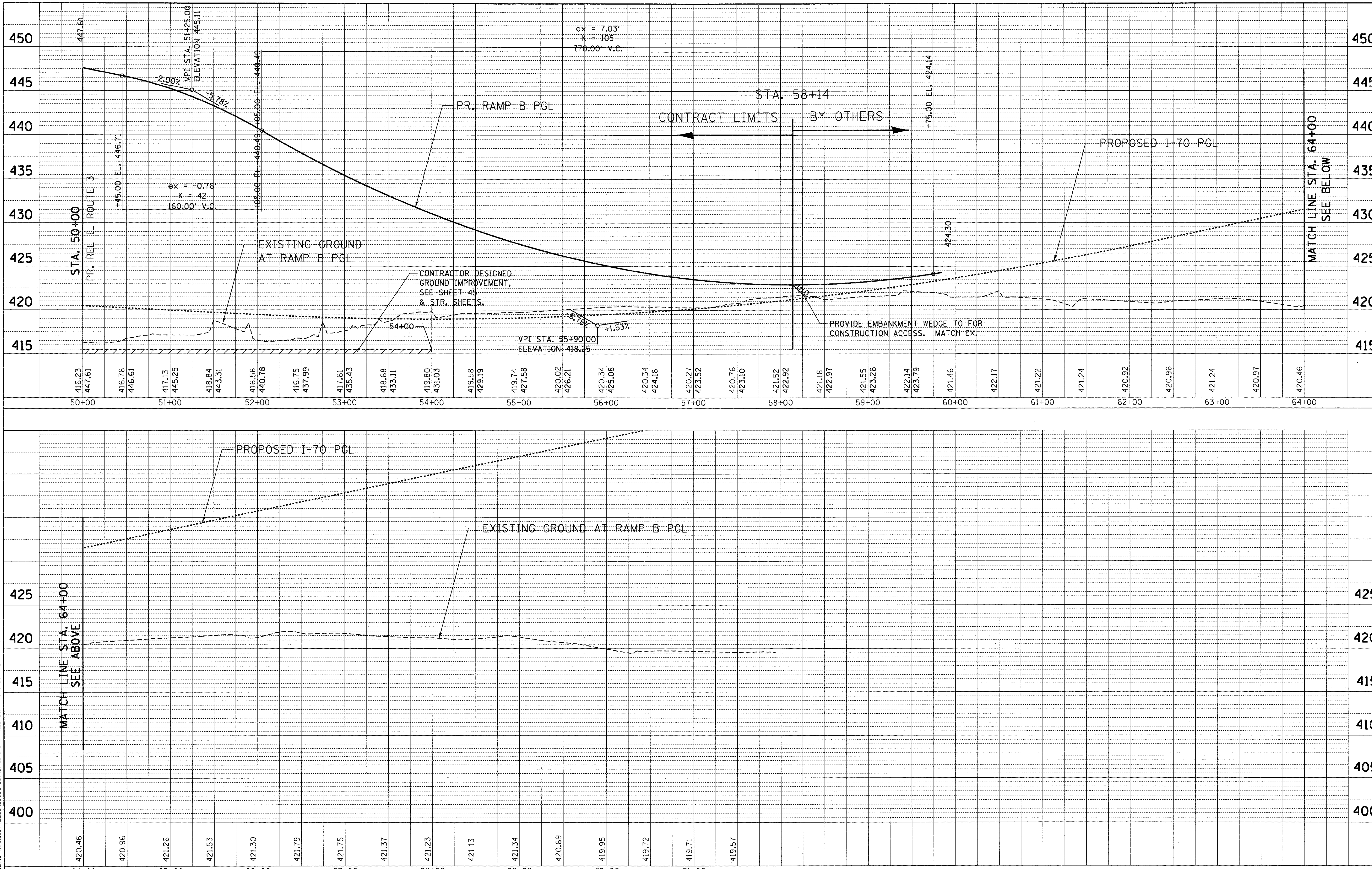
PROPOSED RAMP A ROADWAY PROFILE STA. 10+00 TO STA. 25+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	39

CONTRACT NO. 76D05

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



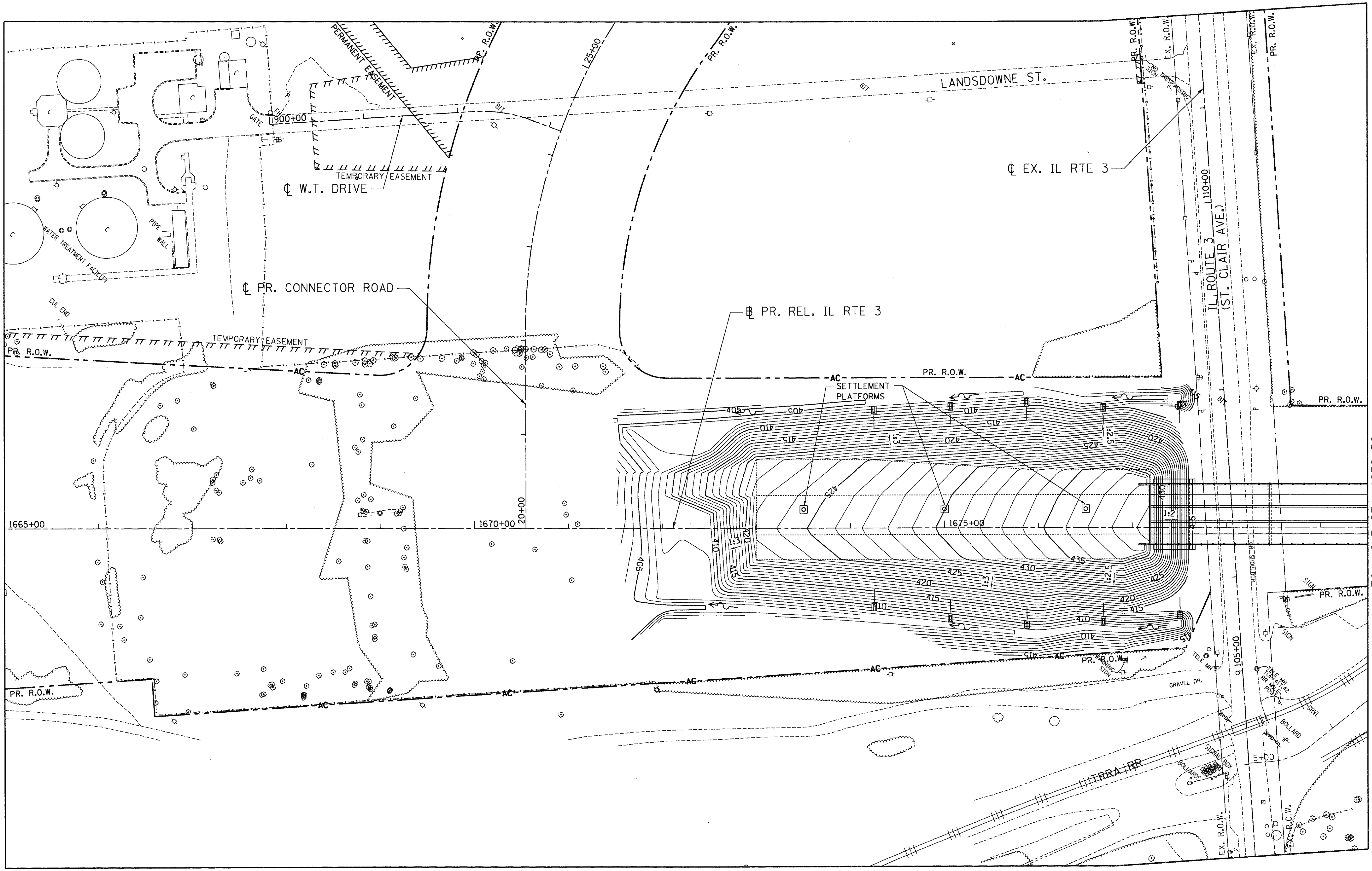
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

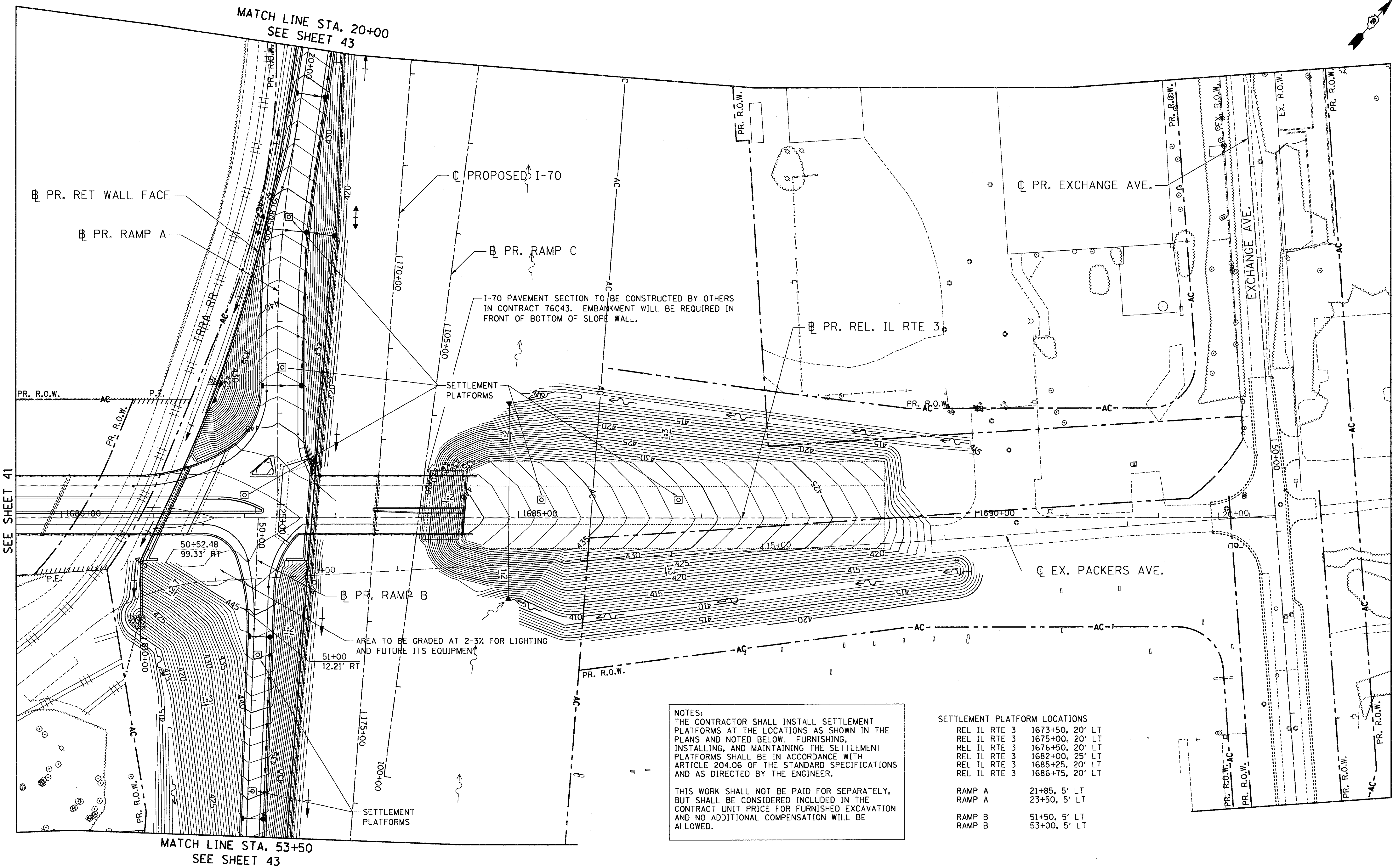
PROPOSED RAMP B
ROADWAY PROFILE
STA. 50+00 TO STA. 72+28

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	40
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RELOCATED ILLINOIS ROUTE 3 GRADING PLAN STA. 1665+00 TO STA. 1679+50	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JB	REVISED -			998	82-2-1HVB-1	ST. CLAIR	345	41
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 76D05		
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:
THE CONTRACTOR SHALL INSTALL SETTLEMENT PLATFORMS AT THE LOCATIONS AS SHOWN IN THE PLANS AND NOTED BELOW. FURNISHING, INSTALLING, AND MAINTAINING THE SETTLEMENT PLATFORMS SHALL BE IN ACCORDANCE WITH ARTICLE 204.06 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR FURNISHED EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SETTLEMENT PLATFORM LOCATIONS

REL IL RTE 3	1673+50, 20' LT
REL IL RTE 3	1675+00, 20' LT
REL IL RTE 3	1676+50, 20' LT
REL IL RTE 3	1682+00, 25' LT
REL IL RTE 3	1685+25, 20' LT
REL IL RTE 3	1686+75, 20' LT
RAMP A	21+85, 5' LT
RAMP A	23+50, 5' LT
RAMP B	51+50, 5' LT
RAMP B	53+00, 5' LT

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JB	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

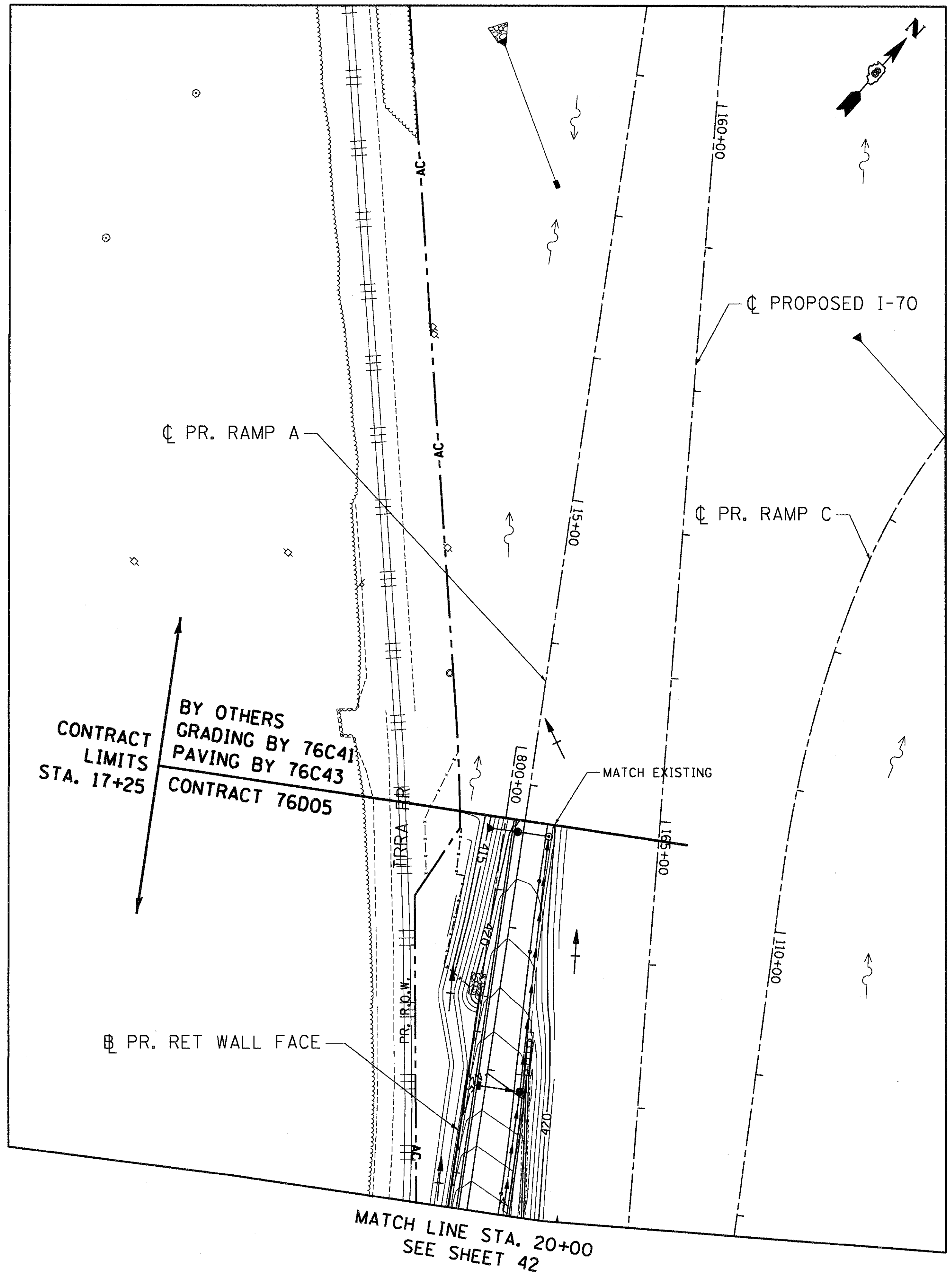
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

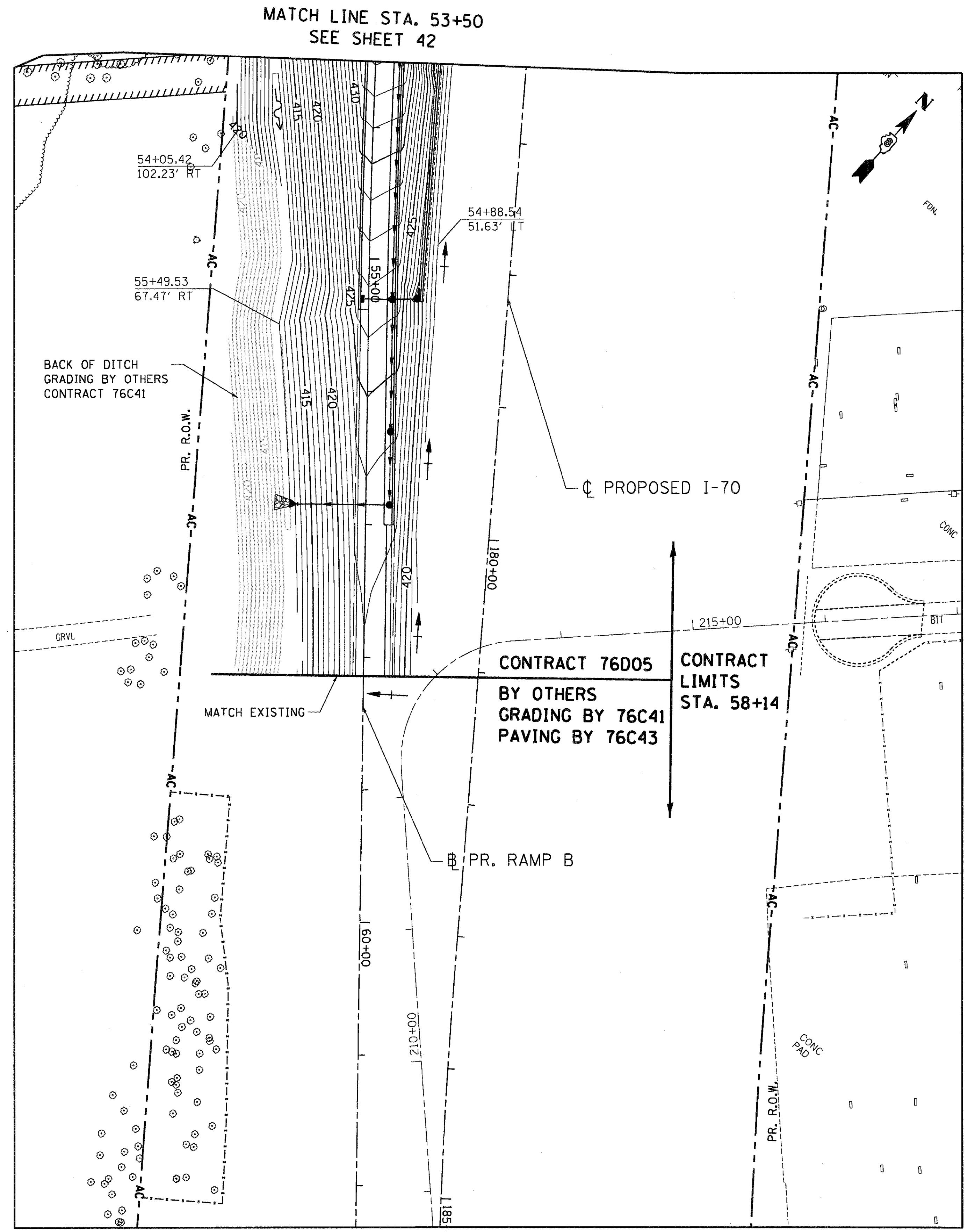
PROPOSED RELOCATED ILLINOIS ROUTE 3
GRADING PLAN
STA. 1679+50 TO STA. 1693+28.38

SCALE: 1"=50' | SHEET NO. 2 OF 3 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	42
		CONTRACT NO. 76D05		

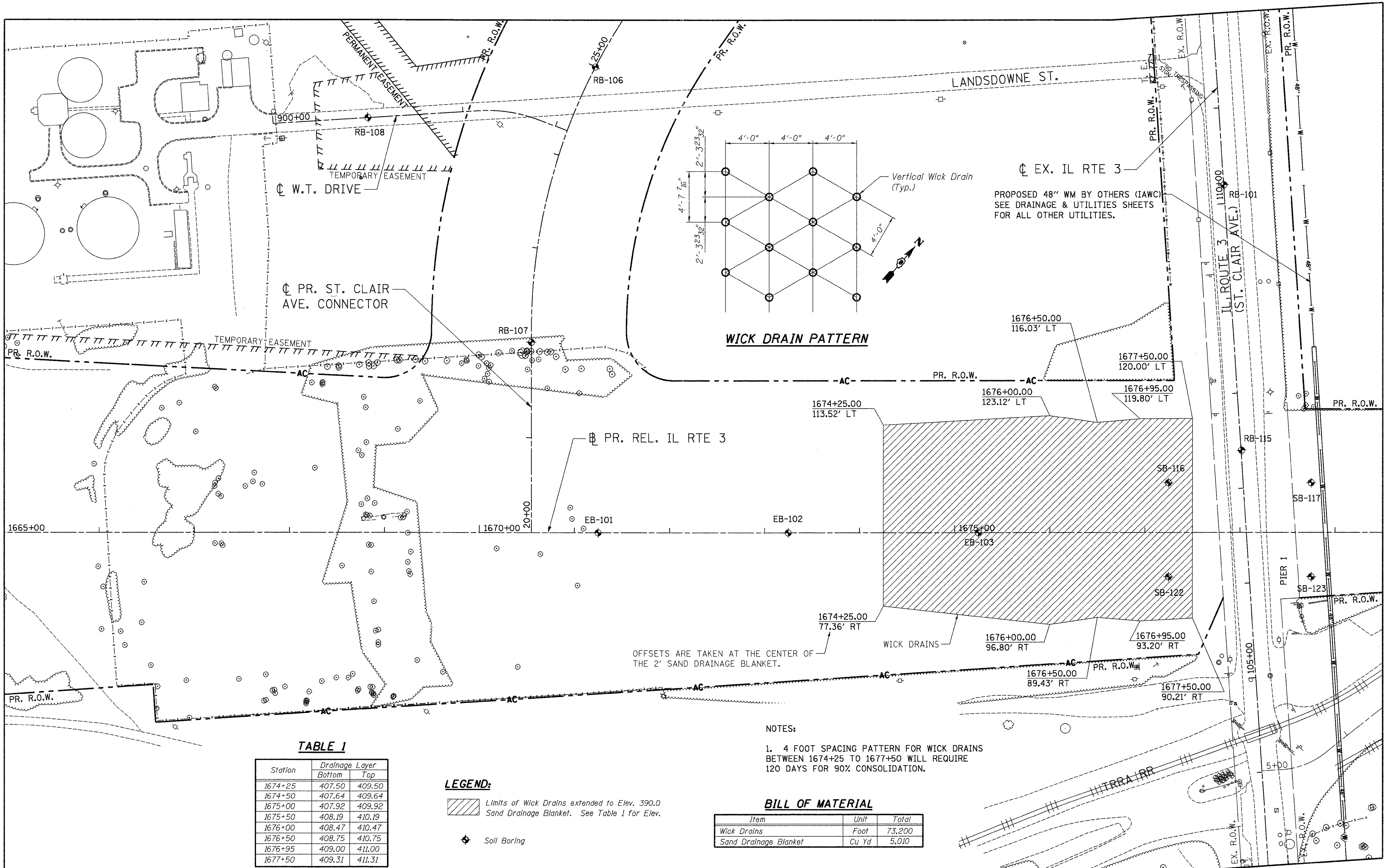
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT





FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	**STATE OF ILLINOIS**	**PROPOSED RAMP A & B**
		DRAWN - JB	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**GRADING PLAN**
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -		**STA. 17+25 TO STA. 20+00, STA. 53+50 TO STA. 58+14**
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	43
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. 4 FOOT SPACING PATTERN FOR WICK DRAINS BETWEEN 1674+25 TO 1677+50 WILL REQUIRE 120 DAYS FOR 90% CONSOLIDATION.

TABLE 1

Station	Drainage Layer	
	Bottom	Top
1674+25	407.50	409.50
1674+50	407.64	409.64
1675+00	407.92	409.92
1675+50	408.19	410.19
1676+00	408.47	410.47
1676+50	408.75	410.75
1676+95	409.00	411.00
1677+50	409.31	411.31

LEGEND:

Limits of Wick Drains extended to Elev. 390.0 Sand Drainage Blanket. See Table 1 for Elev.

Soil Boring

BILL OF MATERIAL

Item	Unit	Total
Wick Drains	Foot	73,200
Sand Drainage Blanket	Cu Yd	5,010

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -
		DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

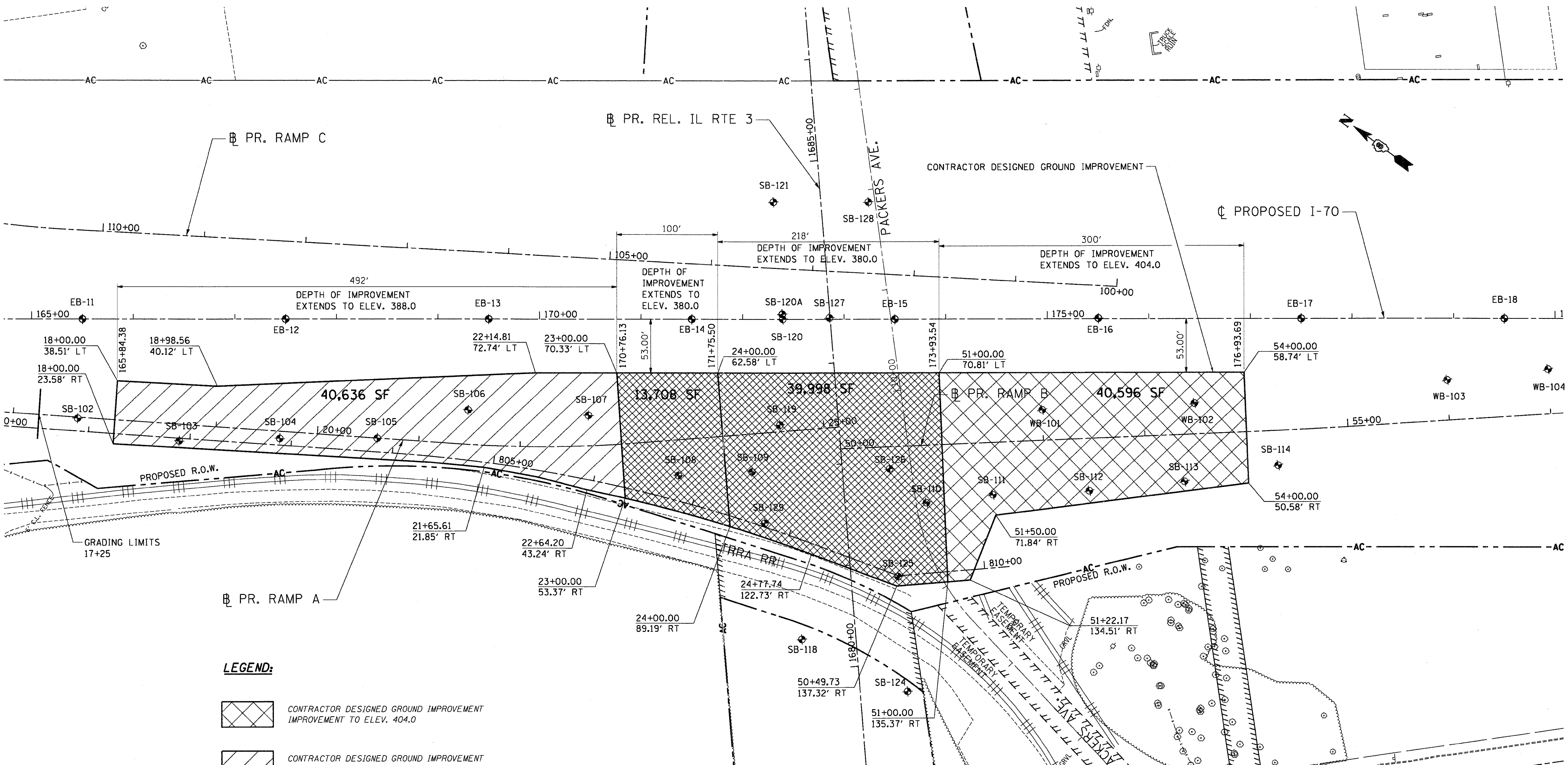
PROPOSED RELOCATED ILLINOIS ROUTE 3
GROUND IMPROVEMENT PLAN
STA. 1665+00 TO STA. 1679+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	44

CONTRACT NO. 76D05

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



LEGEND:

CONTRACTOR DESIGNED GROUND IMPROVEMENT IMPROVEMENT TO ELEV. 404.0

CONTRACTOR DESIGNED GROUND IMPROVEMENT IMPROVEMENT TO ELEV. 388.0

CONTRACTOR DESIGNED GROUND IMPROVEMENT IMPROVEMENT TO ELEV. 380.0

Soil Boring

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMPS A & B
GROUND IMPROVEMENT PLAN
STA. 17+25 TO STA. 25+14.68, STA. 50+00 TO STA. 54+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	45
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

5-11-2011 10:56:42 NEWMANMD

NOTES:

1. ALL ROADWAYS AND ALL LANES WITHIN THE PROJECT LIMITS SHALL REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION WITH THE EXCEPTION OF SHORT DURATION CLOSURES ON EX. ST. CLAIR AVE. AS DIRECTED BY THE ENGINEER.
2. 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 PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE THE MAINTENANCE OF TRAFFIC WITH THE ADJACENT CONTRACTS.
3. PERMANENT FENCE CAN BE CONSTRUCTED AT LOCATIONS THAT WILL NOT CONFLICT WITH CONSTRUCTION ACTIVITIES, AND PER THE APPROVAL OF THE ENGINEER. THE PERMANENT FENCE SHALL ONLY BE PAID FOR ONCE, AND ANY DAMAGE TO THE PERMANENT FENCE SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
4. RESTRICTIONS ON WORK ZONE ACCESS PER SPECIAL PROVISION FOR COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS.

SUGGESTED CONSTRUCTION STAGING

1. CONTRACTOR SHALL ONLY PERFORM THE WORK ITEMS IN WORK ZONE AREAS PERMITTED PER SPECIAL PROVISION FOR COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS
2. PLACEMENT OF EROSION CONTROL DEVICES (ONGOING AS REQUIRED)
3. PERFORM TREE REMOVAL, PAVEMENT REMOVAL, CONCRETE REMOVAL, DEBRIS REMOVAL, STORM SEWER REMOVAL, CLEARING, AND TOPSOIL REMOVAL.
4. BEGIN CONSTRUCTION OF SOUTH ABUTMENT STRUCTURE 082-0329, INCLUDING WICK DRAINS, DRAINAGE, EMBANKMENT.
5. WHEN I-70 CORRIDOR ROW WORK ZONE BECOMES AVAILABLE, BEGIN WORK ON REMAINDER OF RELOCATED IL ROUTE 3 BRIDGES AND GROUND IMPROVEMENTS FOR MSE WALL AND RAMPS A & B.
6. COMPLETE RELOCATED IL ROUTE 3 BRIDGES, DRAINAGE, EMBANKMENTS, AND RETAINING WALLS.
7. COMPLETE PAVING OF RAMPS A & B, RELOCATED IL ROUTE 3 AND OTHER ROADWAY APPURTENANCES.
8. COMPLETE LANDSCAPING AND FENCE ITEMS.

..\D8CONN-10-BORDER1.DGN BONDHUJO \\FS-0044\AM\VAULT\D-TRANS.07\2202\20860-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\D8CONN-10-SHT-STAGE.DGN
6-29-2011, 15:34:42

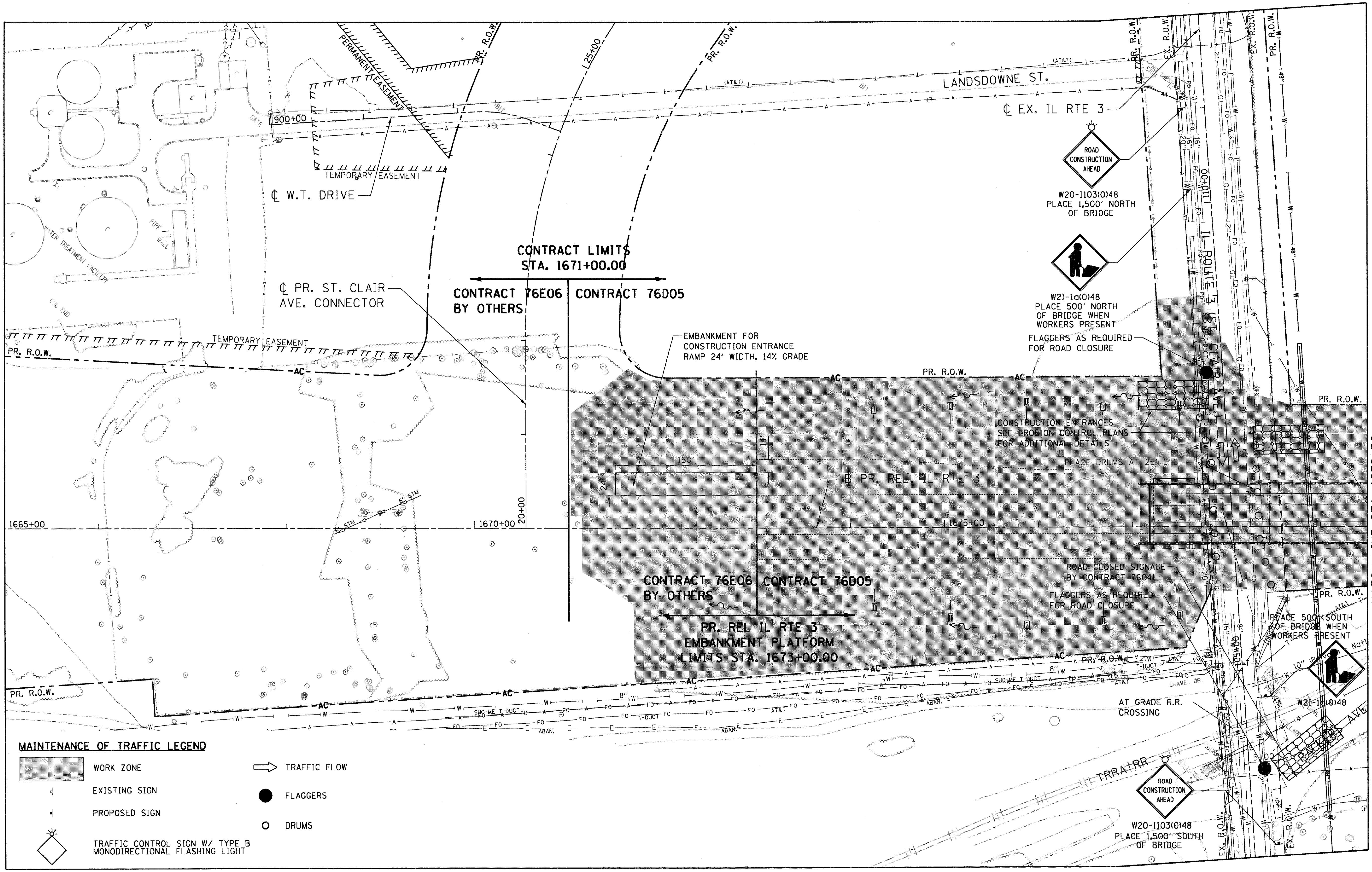
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED I-70
SUGGESTED STAGING, MAINTENANCE OF TRAFFIC
STAGING NOTES

SCALE: | SHEET NO. 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	46
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

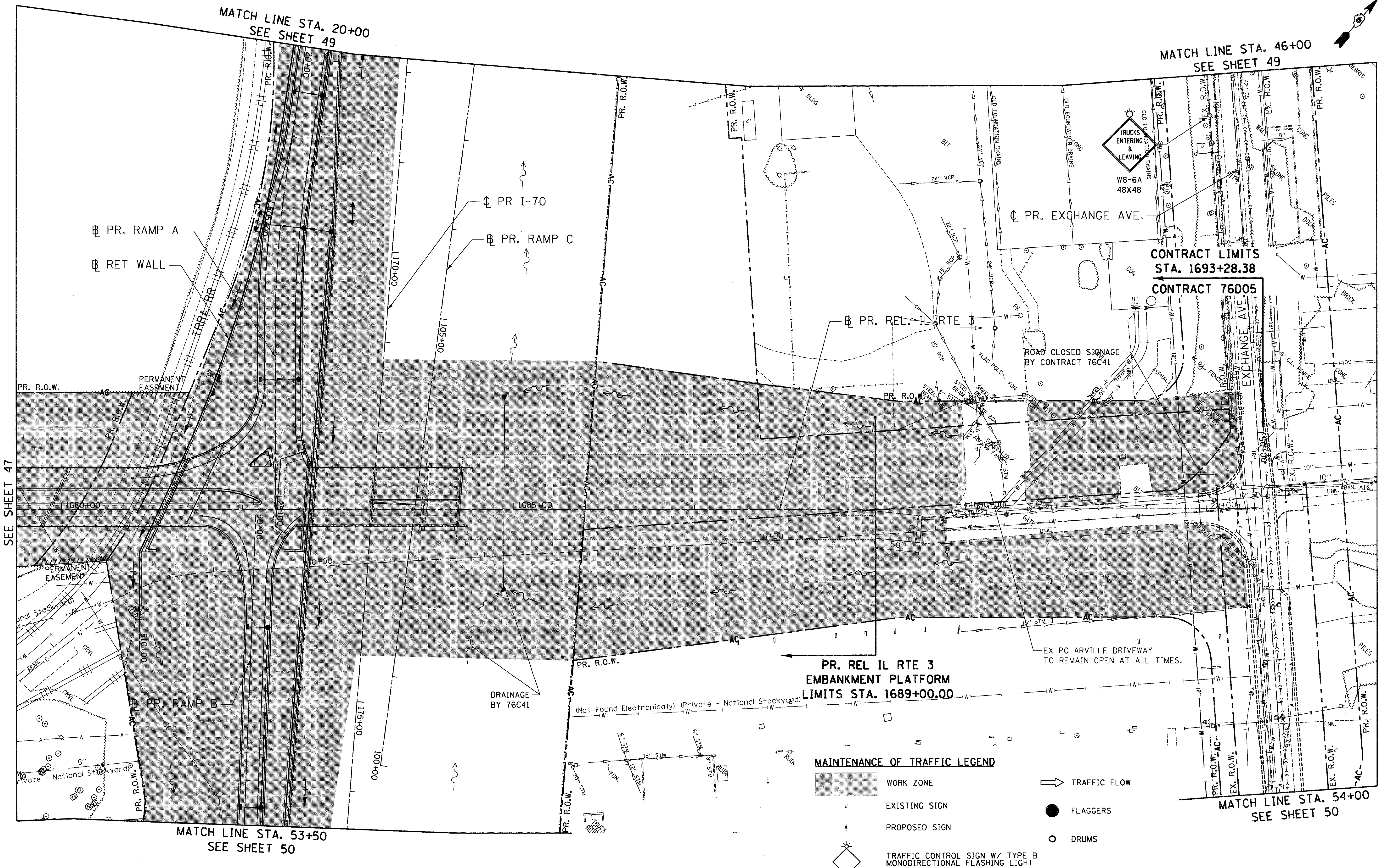
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
SUGGESTED STAGING, MAINTENANCE OF TRAFFIC
STA. 1665+00 TO STA. 1679+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	47
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

NEWMANMD 5-11-2011, 10:57:11



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
SUGGESTED STAGING, MAINTENANCE OF TRAFFIC
STA. 1679+50 TO STA. 1693+28.38

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	48
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	
		DRAWN - JFS	REVISED -	
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

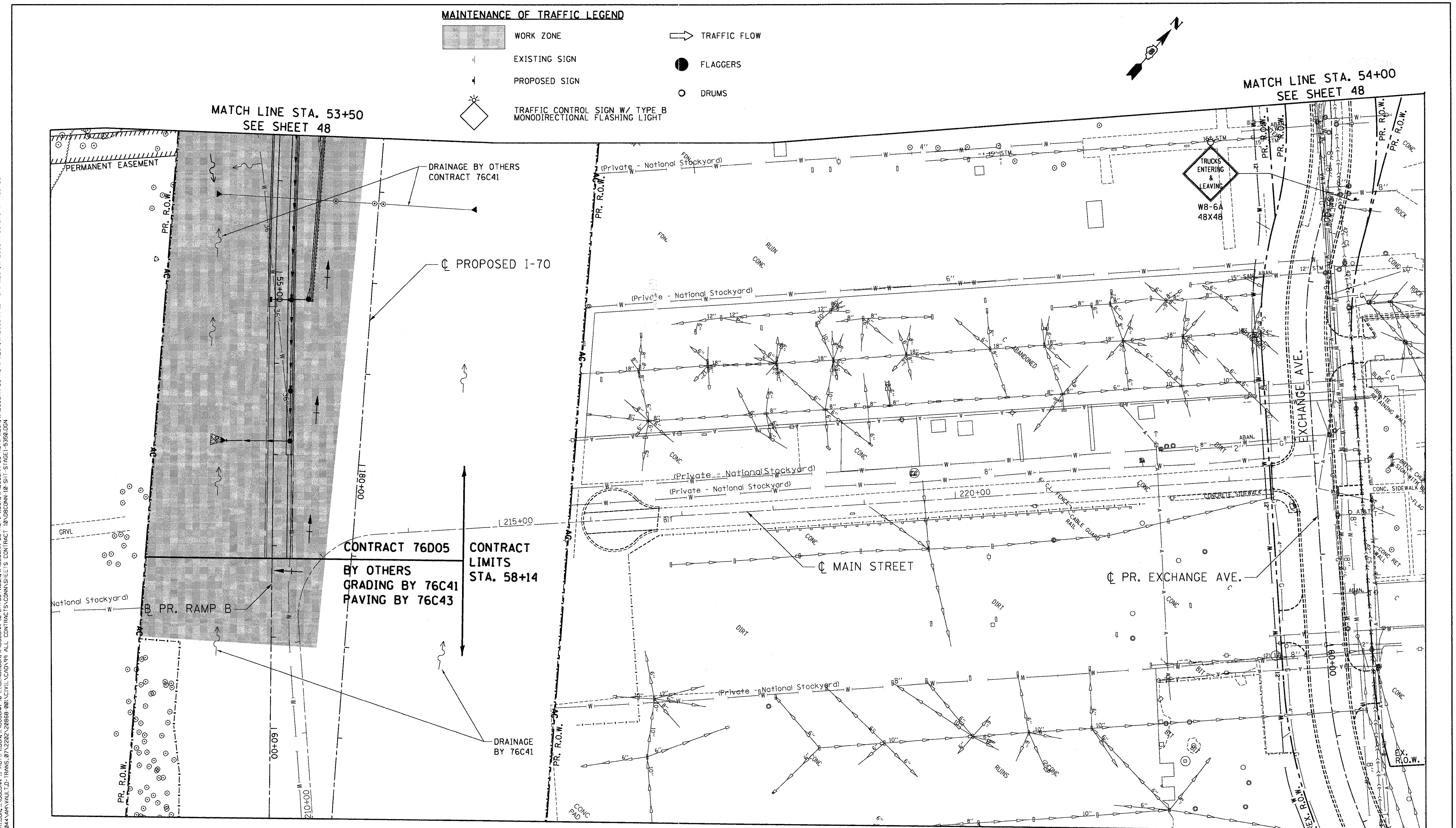
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP A
SUGGESTED STAGING, MAINTENANCE OF TRAFFIC
STA. 16+00 TO STA. 20+00

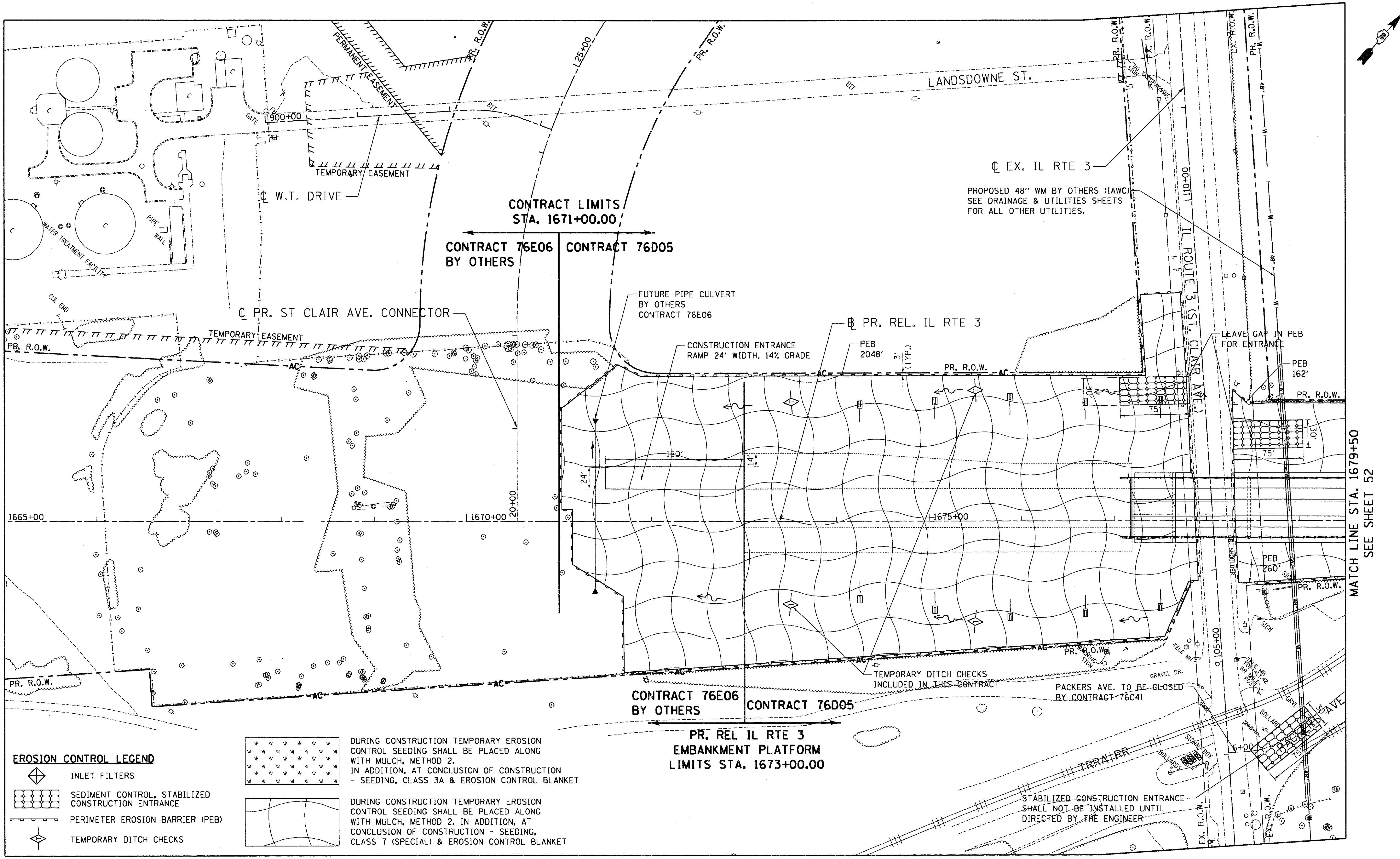
SCALE: 1"=50' | SHEET NO. 4 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	49
		CONTRACT NO. 76D05		

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



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS	PROPOSED RAMP B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JFS	REVISED -	DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING, MAINTENANCE OF TRAFFIC	998	82-2-1HVB-1	ST. CLAIR	345	50
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	STA. 53+50 TO STA. 61+00			CONTRACT NO. 76D05		
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -		SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



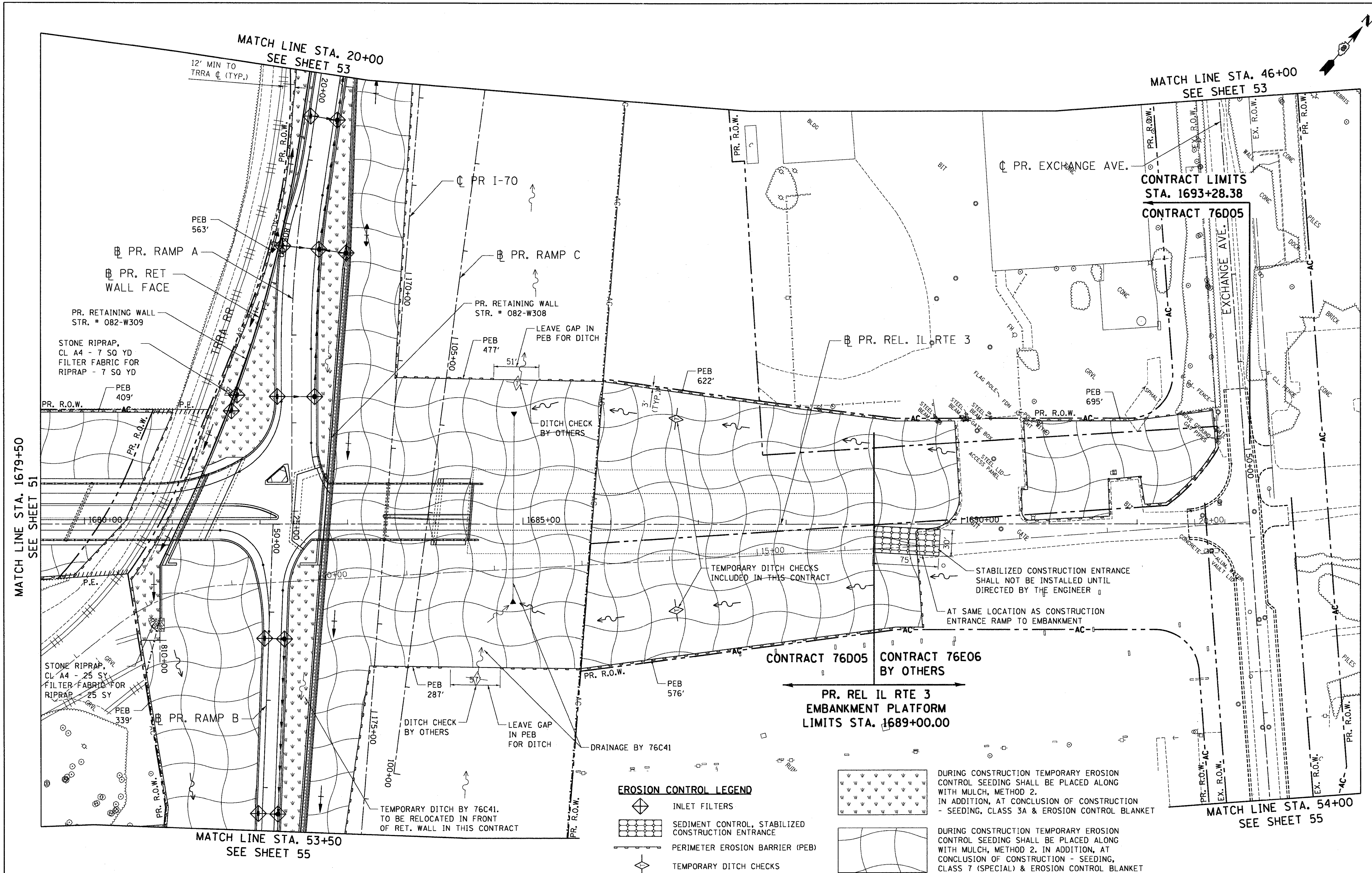
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -	RELOCATED ILLINOIS ROUTE 3
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	CHECKED - JB	REVISED -	
		DATE - 05/13/11	REVISED -	

PROPOSED RELOCATED ILLINOIS ROUTE 3
EROSION CONTROL PLAN
STA. 1665+00 TO STA. 1679+50

SCALE: 1"=50' | SHEET NO. 1 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	51
		CONTRACT NO. 76D05		

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



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
EROSION CONTROL PLAN
STA. 1679+50 TO STA. 1693+28.38

SCALE: 1"=50' | SHEET NO. 2 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	52
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

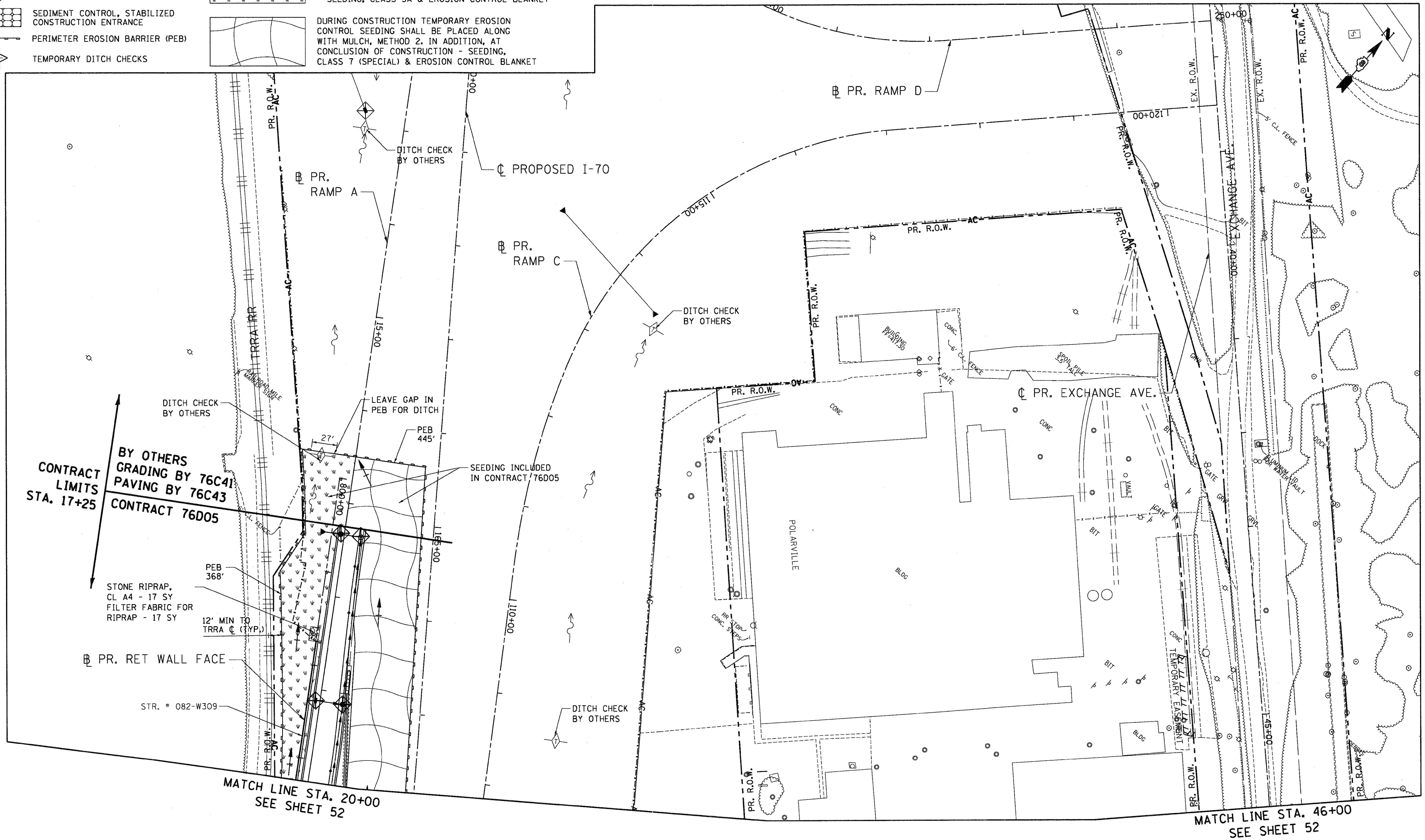
EROSION CONTROL LEGEND

- INLET FILTERS
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECKS

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 3A & EROSION CONTROL BLANKET

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 7 (SPECIAL) & EROSION CONTROL BLANKET

MATCH LINE "A"
SEE SHEET 54



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

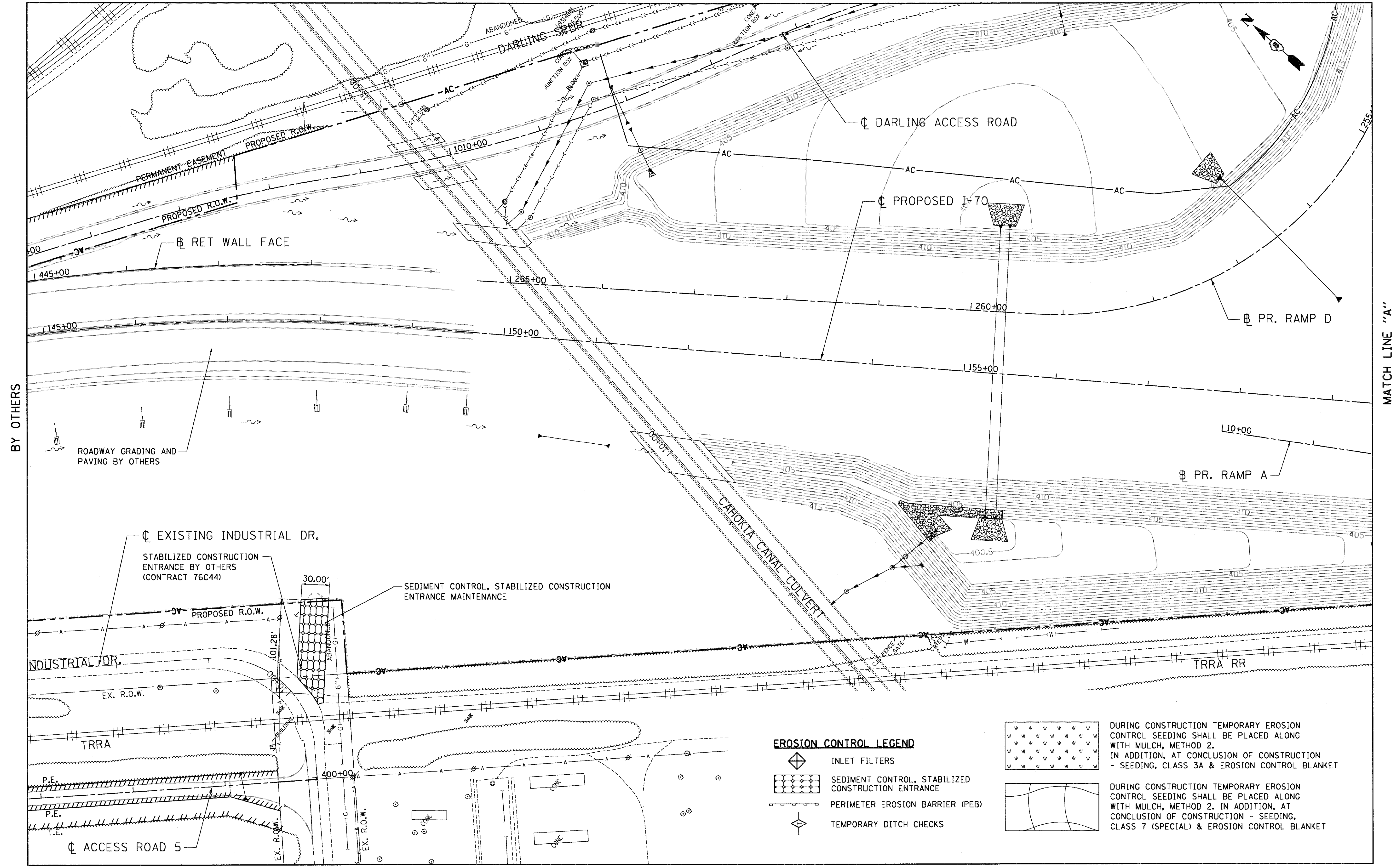
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP A
EROSION CONTROL PLAN
STA. 16+00 TO STA. 20+00

SCALE: 1"=50' | SHEET NO. 3 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	53
		CONTRACT NO. 76D05		

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



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED I-70 EROSION CONTROL PLAN STA. 145+00 TO STA. 159+00
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. TO STA.
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -		
		DATE - 05/13/11	REVISED -		

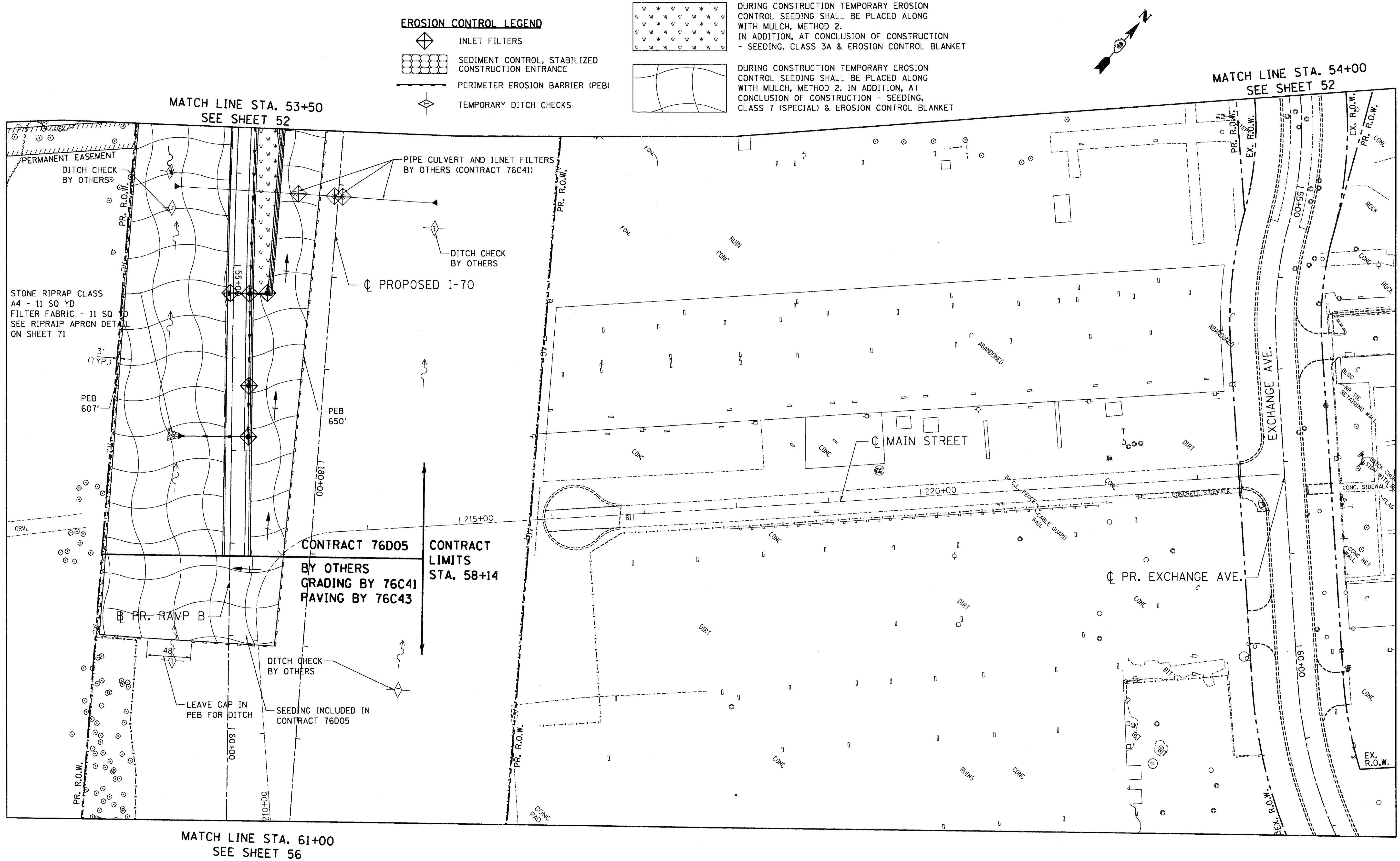
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	54
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

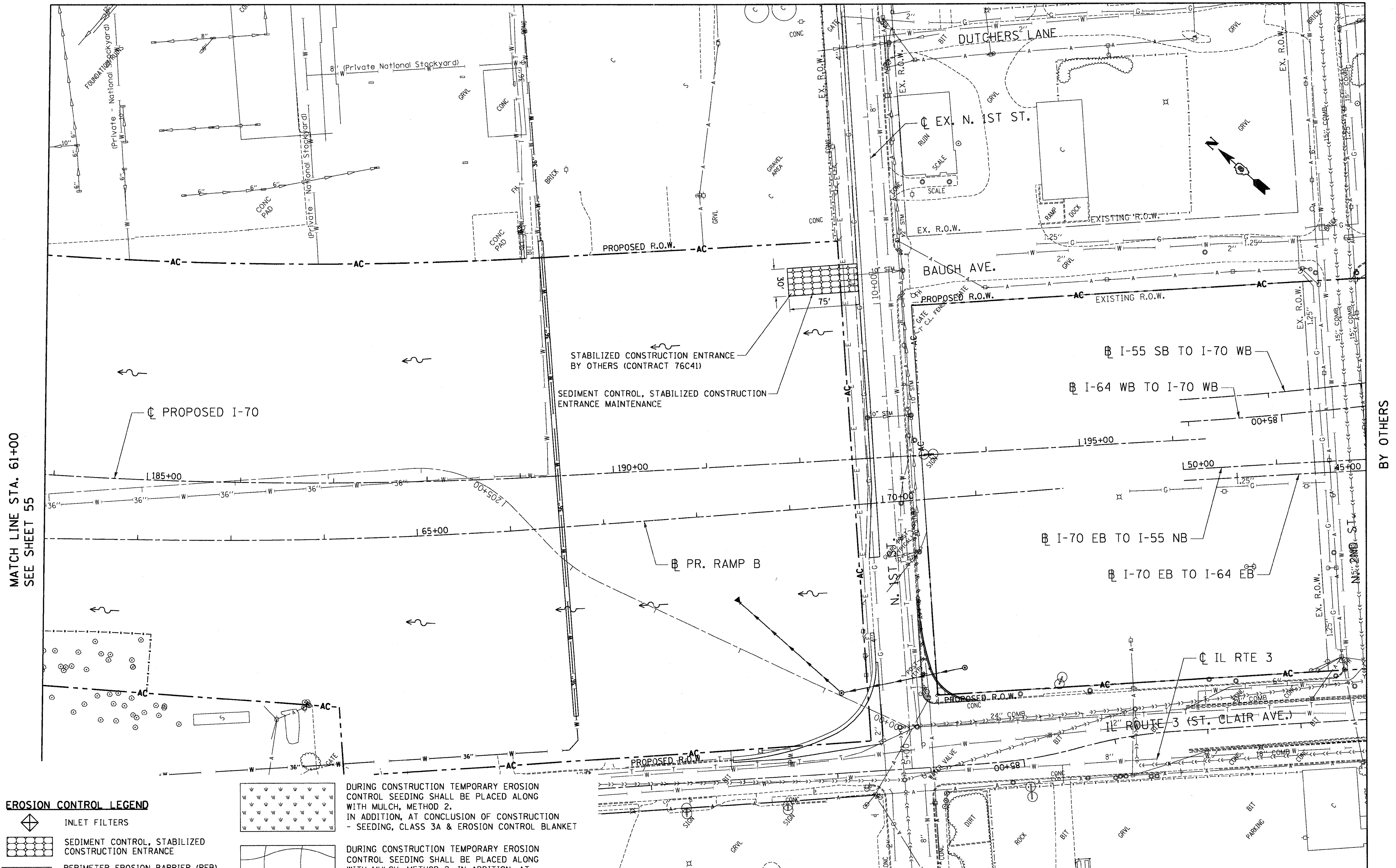
- INLET FILTERS
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECKS

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 3A & EROSION CONTROL BLANKET

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 7 (SPECIAL) & EROSION CONTROL BLANKET



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS	PROPOSED RAMP B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JFS	REVISED -	DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN	998	82-2-1HVB-1	ST. CLAIR	345	55
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	STA. 53+50 TO STA. 61+00			CONTRACT NO. 76D05		
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -		SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



EROSION CONTROL LEGEND

- INLET FILTERS
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECKS

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2.
IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 3A & EROSION CONTROL BLANKET

DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ALONG WITH MULCH, METHOD 2. IN ADDITION, AT CONCLUSION OF CONSTRUCTION - SEEDING, CLASS 7 (SPECIAL) & EROSION CONTROL BLANKET

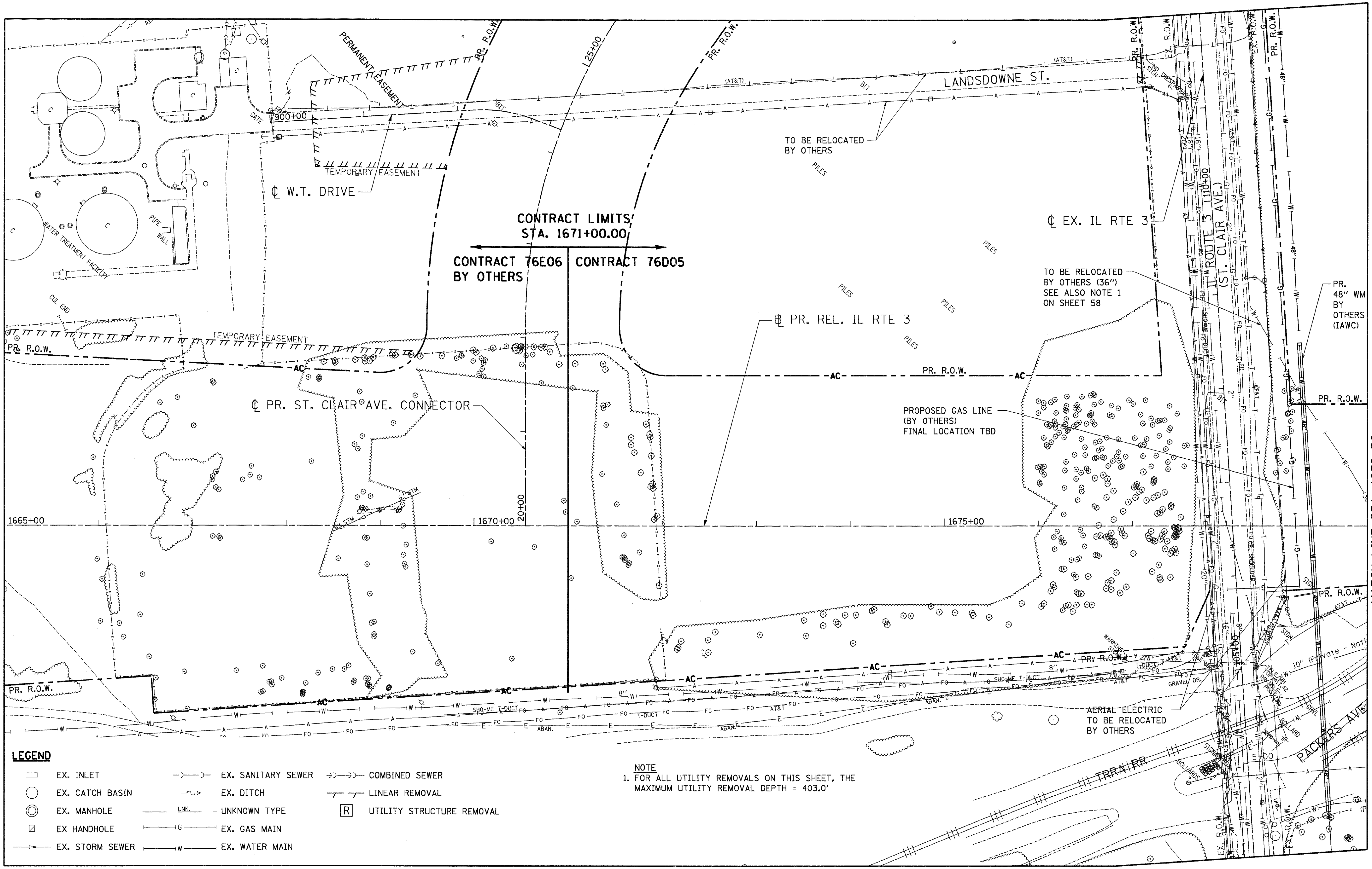
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED I-70
EROSION CONTROL PLAN
STA. 183+90 TO TRI-LEVEL

SCALE: 1"=50' | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	56
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -	RELOCATED ILLINOIS ROUTE 3
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -	
		DATE - 05/13/11	REVISED -	

PROPOSED RELOCATED ILLINOIS ROUTE 3
EXISTING DRAINAGE & UTILITIES
STA. 1665+00 TO STA. 1679+50

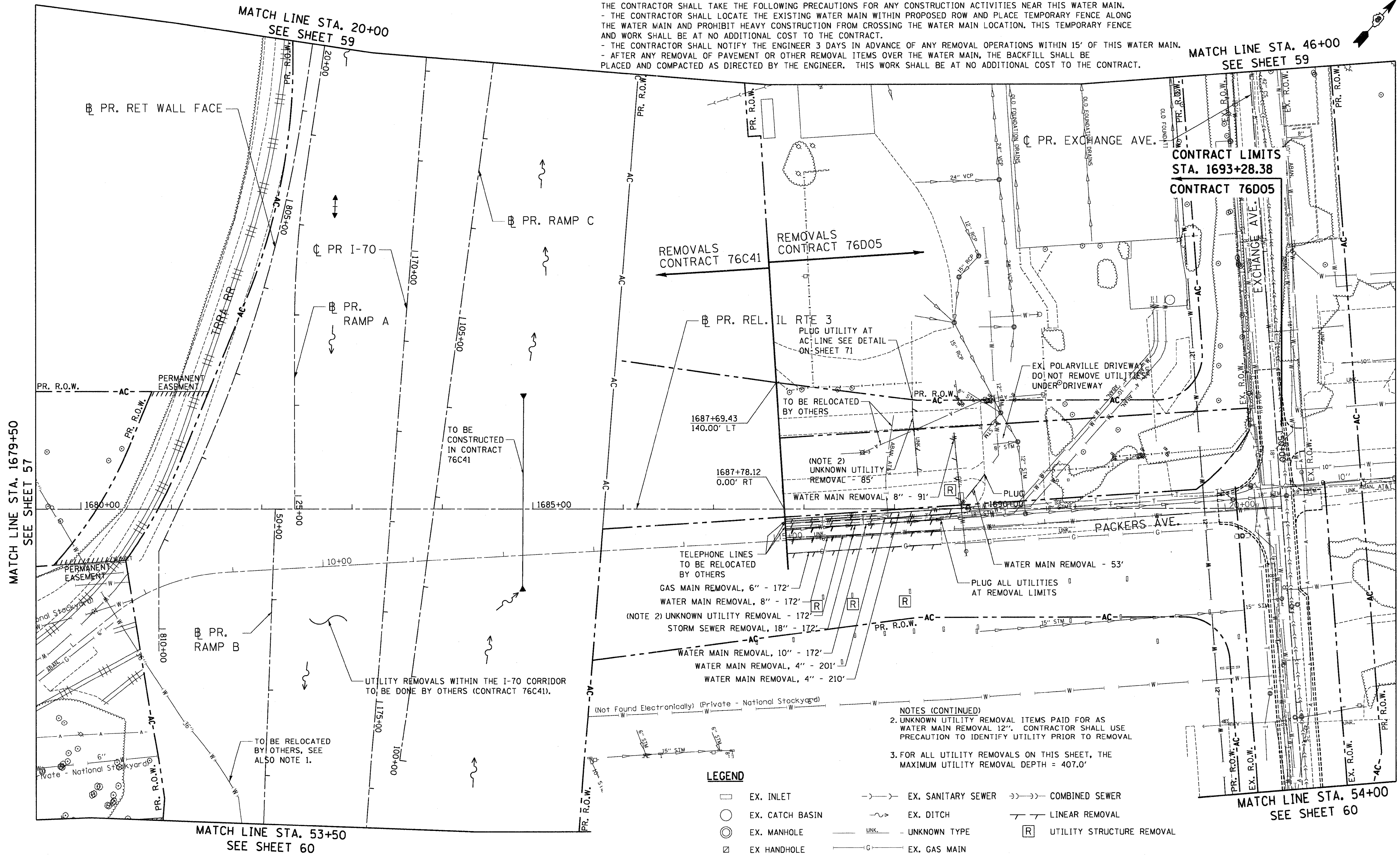
SCALE: 1"=50' | SHEET NO. 1 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	57

CONTRACT NO. 76D05

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

NOTE 1:
THIS LIVE IAWC WATER MAIN WILL BE RELOCATED BY OTHERS DURING THIS CONTRACT. WHILE THE MAIN IS LIVE, THE CONTRACTOR SHALL TAKE THE FOLLOWING PRECAUTIONS FOR ANY CONSTRUCTION ACTIVITIES NEAR THIS WATER MAIN.
- THE CONTRACTOR SHALL LOCATE THE EXISTING WATER MAIN WITHIN PROPOSED ROW AND PLACE TEMPORARY FENCE ALONG THE WATER MAIN AND PROHIBIT HEAVY CONSTRUCTION FROM CROSSING THE WATER MAIN LOCATION. THIS TEMPORARY FENCE AND WORK SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 3 DAYS IN ADVANCE OF ANY REMOVAL OPERATIONS WITHIN 15' OF THIS WATER MAIN.
- AFTER ANY REMOVAL OF PAVEMENT OR OTHER REMOVAL ITEMS OVER THE WATER MAIN, THE BACKFILL SHALL BE PLACED AND COMPACTED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.



NOTES (CONTINUED)
2. UNKNOWN UTILITY REMOVAL ITEMS PAID FOR AS WATER MAIN REMOVAL 12". CONTRACTOR SHALL USE PRECAUTION TO IDENTIFY UTILITY PRIOR TO REMOVAL
3. FOR ALL UTILITY REMOVALS ON THIS SHEET, THE MAXIMUM UTILITY REMOVAL DEPTH = 407.0'

LEGEND

EX. INLET	EX. SANITARY SEWER	COMBINED SEWER
EX. CATCH BASIN	EX. DITCH	LINEAR REMOVAL
EX. MANHOLE	UNKNOWN TYPE	UTILITY STRUCTURE REMOVAL
EX HANDHOLE	EX. GAS MAIN	
EX. STORM SEWER	EX. WATER MAIN	

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

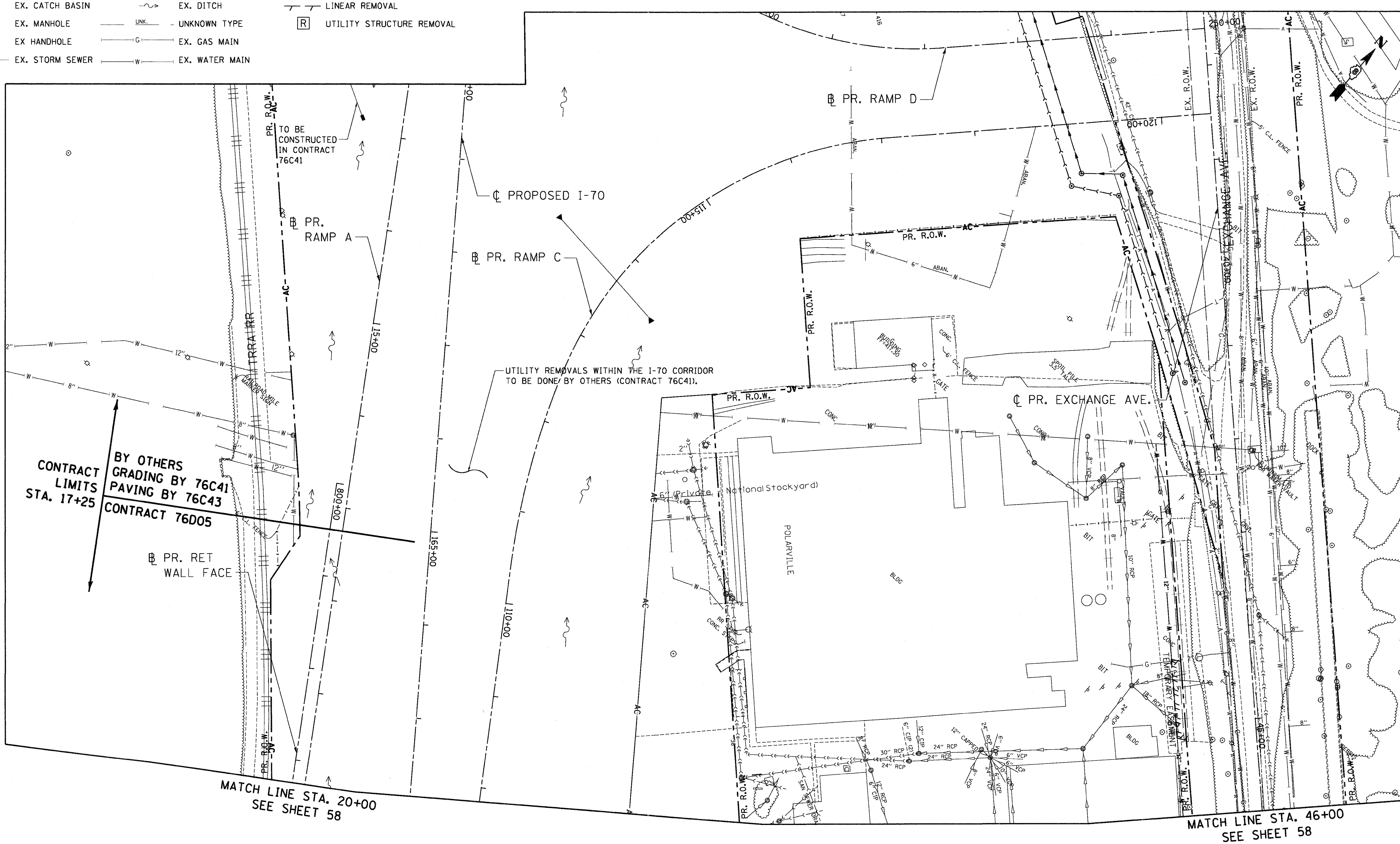
PROPOSED RELOCATED ILLINOIS ROUTE 3
EXISTING DRAINAGE & UTILITIES
STA. 1679+50 TO STA. 1693+28.38

SCALE: 1"=50' | SHEET NO. 2 OF 4 SHEETS | STA. TO STA.

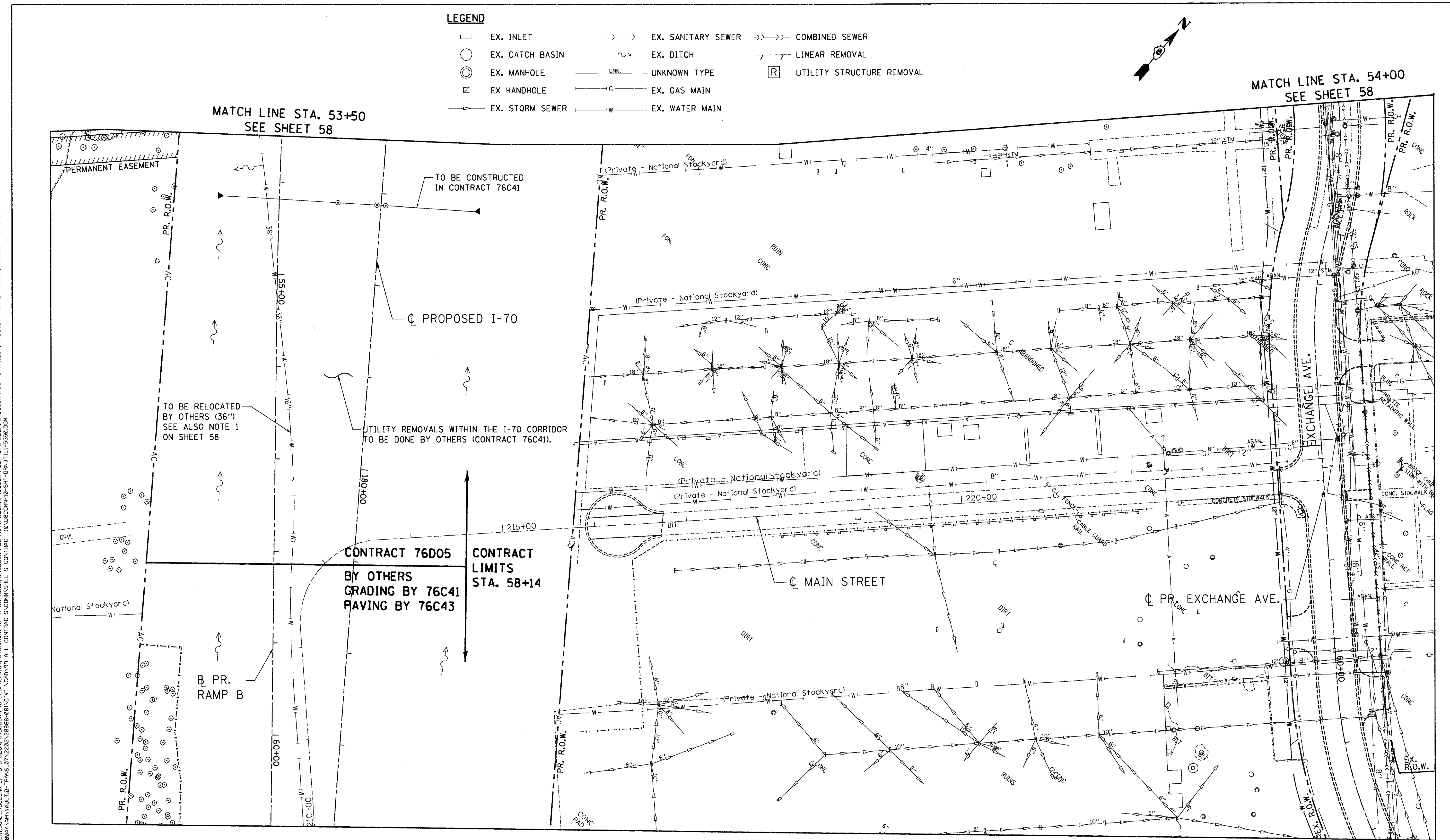
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	58
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

- EX. INLET
- EX. CATCH BASIN
- EX. MANHOLE
- EX HANDHOLE
- EX. STORM SEWER
- EX. SANITARY SEWER
- EX. DITCH
- UNK. UNKNOWN TYPE
- EX. GAS MAIN
- EX. WATER MAIN
- COMBINED SEWER
- LINEAR REMOVAL
- R UTILITY STRUCTURE REMOVAL



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RAMP A EXISTING DRAINAGE & UTILITIES STA. 16+00 TO STA. 20+00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -			998	82-2-1HVB-1	ST. CLAIR	345	59
	PLOT DATE = $DATE$	CHECKED - ACL	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. TO STA.	CONTRACT NO. 76D05				
		DATE - 05/13/11	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



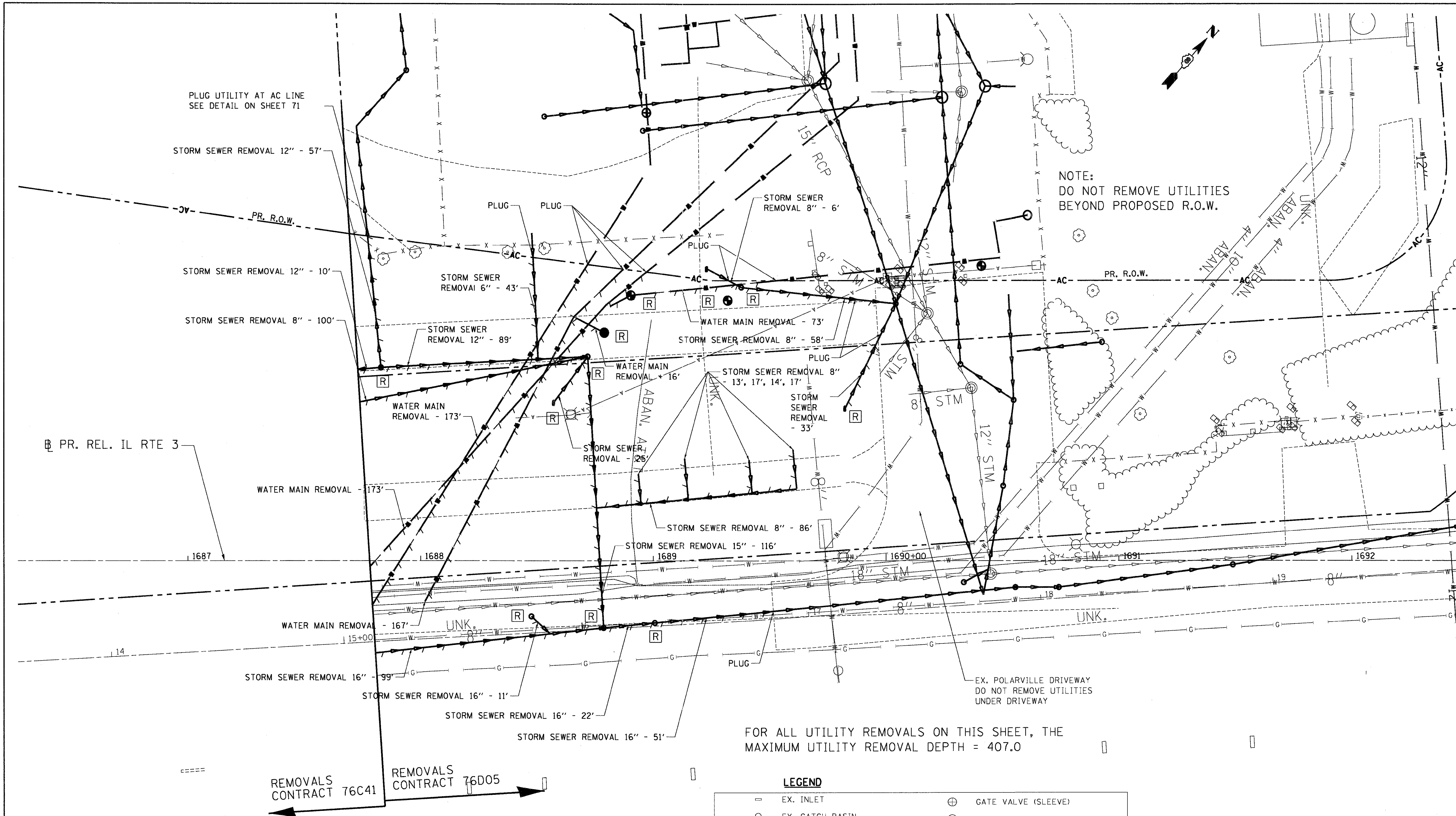
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP B
EXISTING DRAINAGE & UTILITIES
STA. 53+50 TO STA. 61+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	60
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FOR ALL UTILITY REMOVALS ON THIS SHEET, THE MAXIMUM UTILITY REMOVAL DEPTH = 407.0

THE BOLD UTILITIES ON THIS SHEET HAVE NOT BEEN VERIFIED BY SURVEY. THEY APPEAR ONLY ON AN EXISTING SEWER ATLAS. THE LIGHTER UTILITIES HAVE BEEN VERIFIED. THESE REMOVALS APPEAR ON THE UTILITY & DRAINAGE REMOVAL SHEETS OR ARE 'BY OTHERS' (CONTRACT 76C41 & 76C44).

PR. R.O.W.

LEGEND

EX. INLET	GATE VALVE (SLEEVE)
EX. CATCH BASIN	FIRE PLUG
EX. MANHOLE	EX. STORM SEWER
EX. FIRE HYDRANT	EX. WATER
VALVE	PIPE REMOVAL
GATE VALVE (MANHOLE)	UTILITY STRUCTURE REMOVAL
STEAMER PLUG	

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

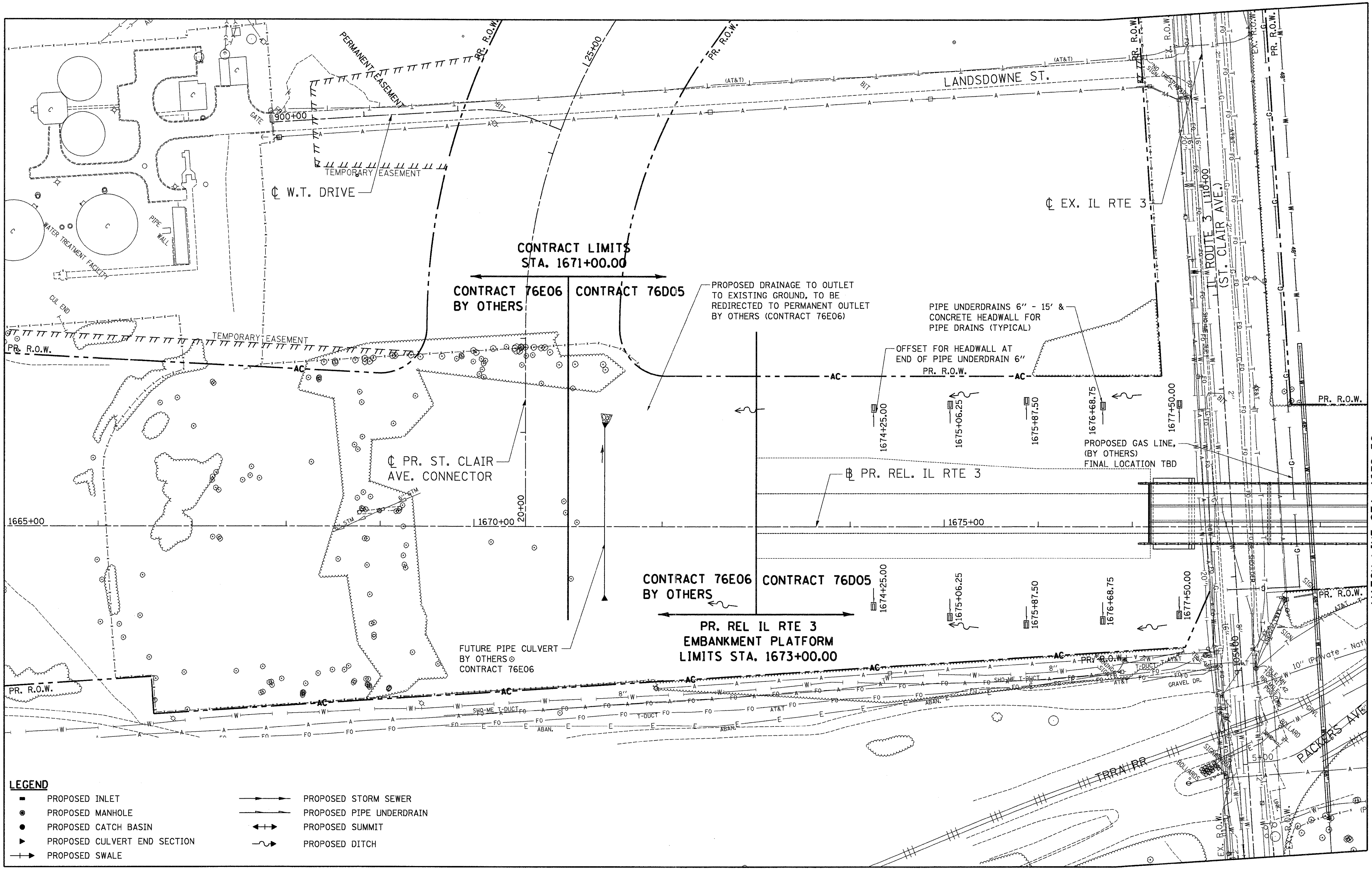
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
EXISTING SEWER ATLAS
STA. 1686+27 TO STA. 1692+48

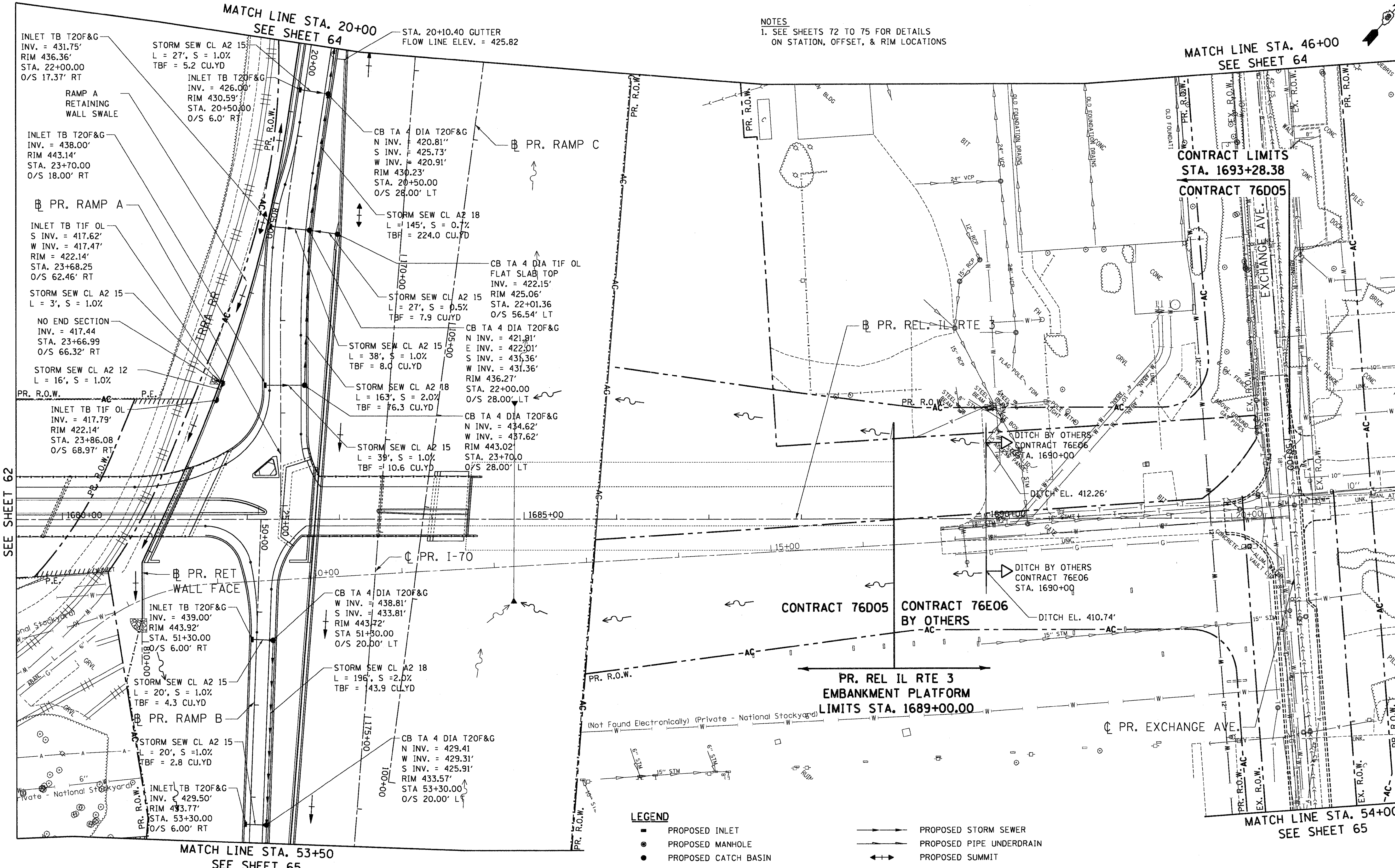
SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	61
		CONTRACT NO. 76D05		

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



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PROPOSED RELOCATED ILLINOIS ROUTE 3 PROPOSED DRAINAGE & UTILITIES STA. 1665+00 TO STA. 1679+50**	F.A.P. RTE. 998 / SECTION 82-2-1HVB-1 / COUNTY ST. CLAIR / TOTAL SHEETS 345 / SHEET NO. 62
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50'	CONTRACT NO. 76D05
	PLOT DATE = $DATE$	CHECKED - TKL	REVISED -		SHEET NO. 1 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
		DATE - 05/13/11	REVISED -			



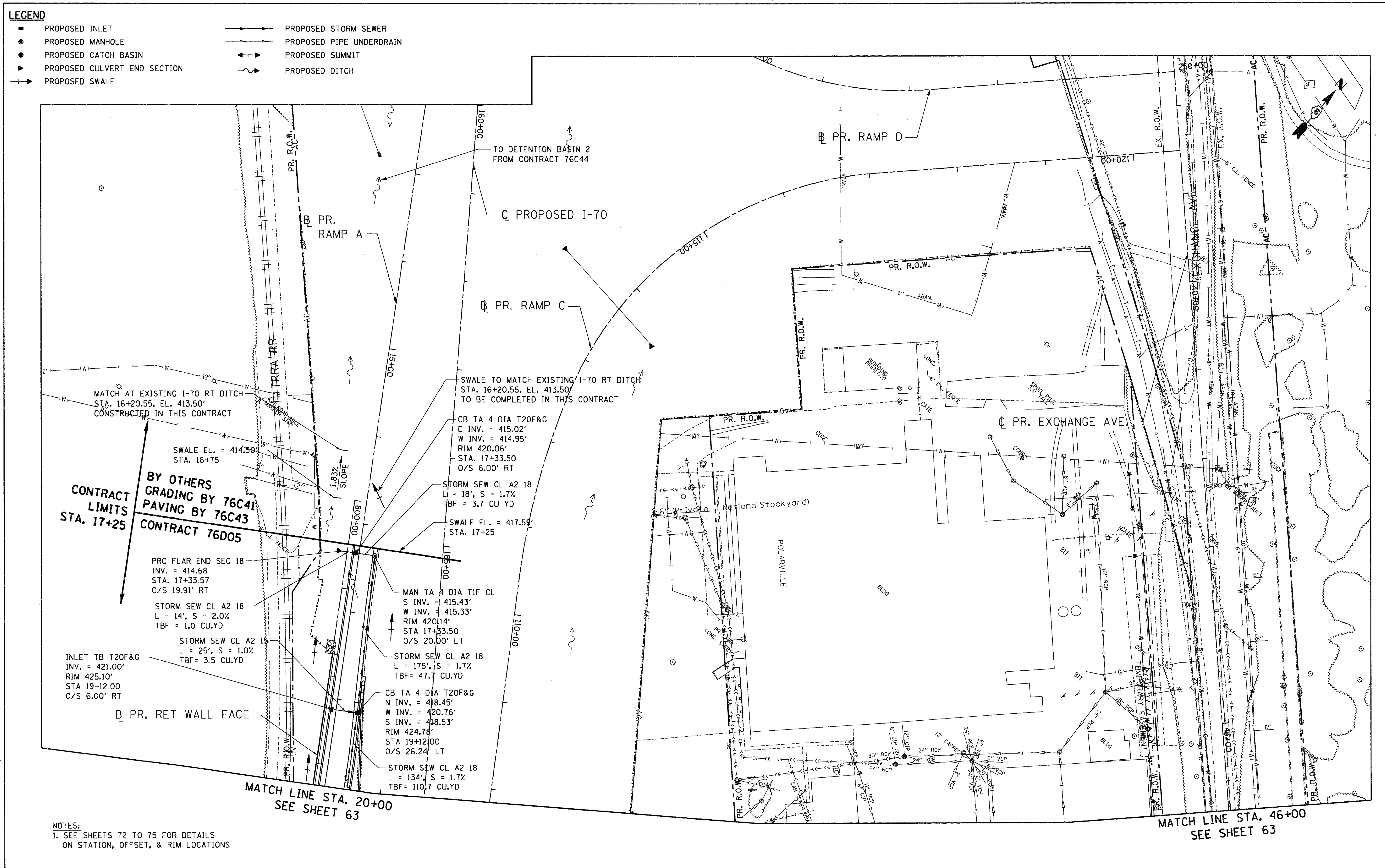
NOTES
1. SEE SHEETS 72 TO 75 FOR DETAILS
ON STATION, OFFSET, & RIM LOCATIONS

LEGEND

PROPOSED INLET	PROPOSED STORM SEWER
PROPOSED MANHOLE	PROPOSED PIPE UNDERDRAIN
PROPOSED CATCH BASIN	PROPOSED SUMMIT
PROPOSED CULVERT END SECTION	PROPOSED DITCH
PROPOSED SWALE	

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS	PROPOSED RELOCATED ILLINOIS ROUTE 3
		DRAWN - JFS	REVISED -	DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE & UTILITIES
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	RELOCATED ILLINOIS ROUTE 3	STA. 1679+50 TO STA. 1693+28.38
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -		SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	63
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

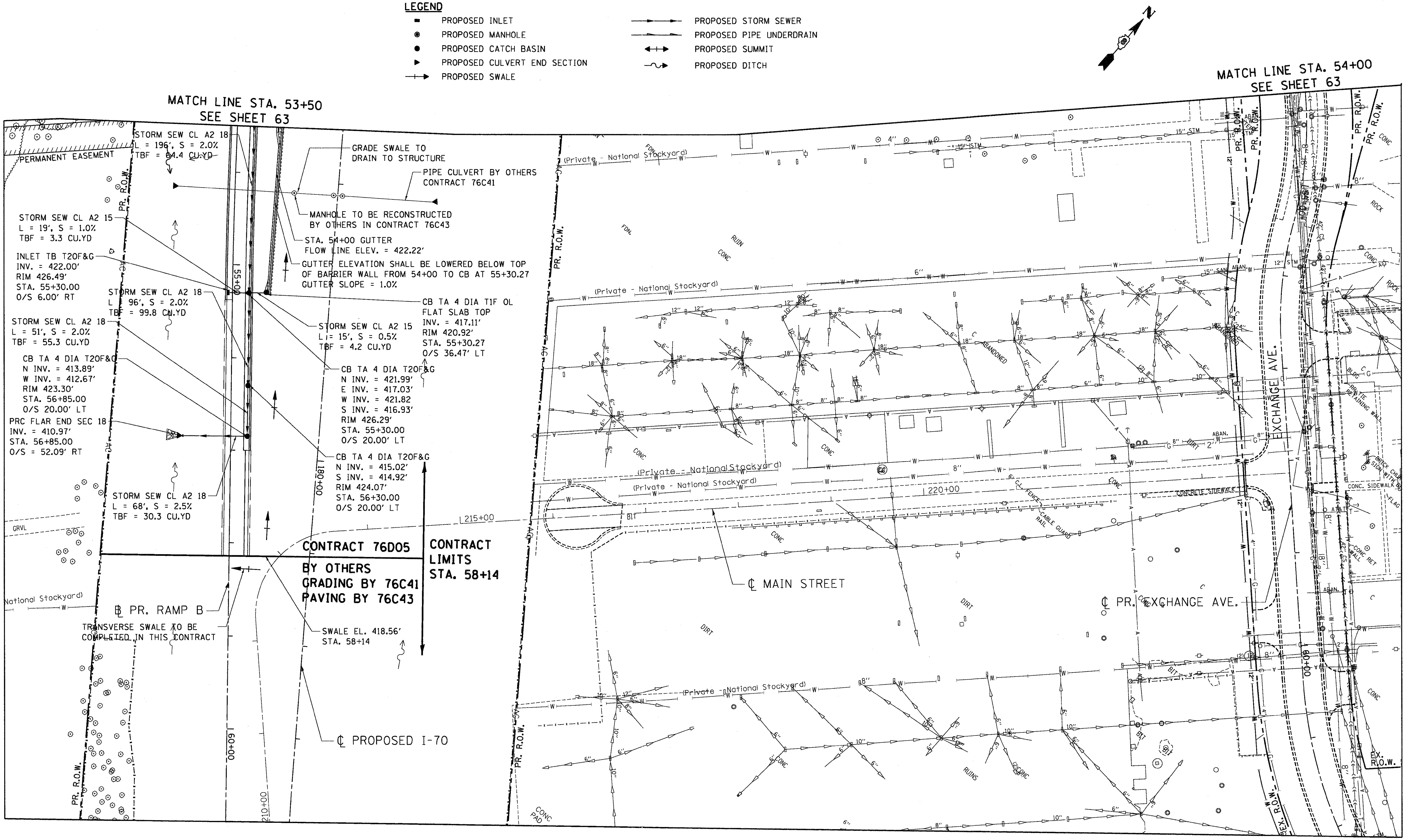


NOTES:
1. SEE SHEETS 72 TO 75 FOR DETAILS ON STATION, OFFSET, & RIM LOCATIONS

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS	PROPOSED RAMP A	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JFS	REVISED -	DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE & UTILITIES	998	82-2-1HVB-1	ST. CLAIR	345	64
	PLOT DATE = $DATE$	CHECKED - TKL	REVISED -	RELOCATED ILLINOIS ROUTE 3	STA. 16+00 TO STA. 20+00	CONTRACT NO. 76D05				
		DATE - 05/13/11	REVISED -		SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

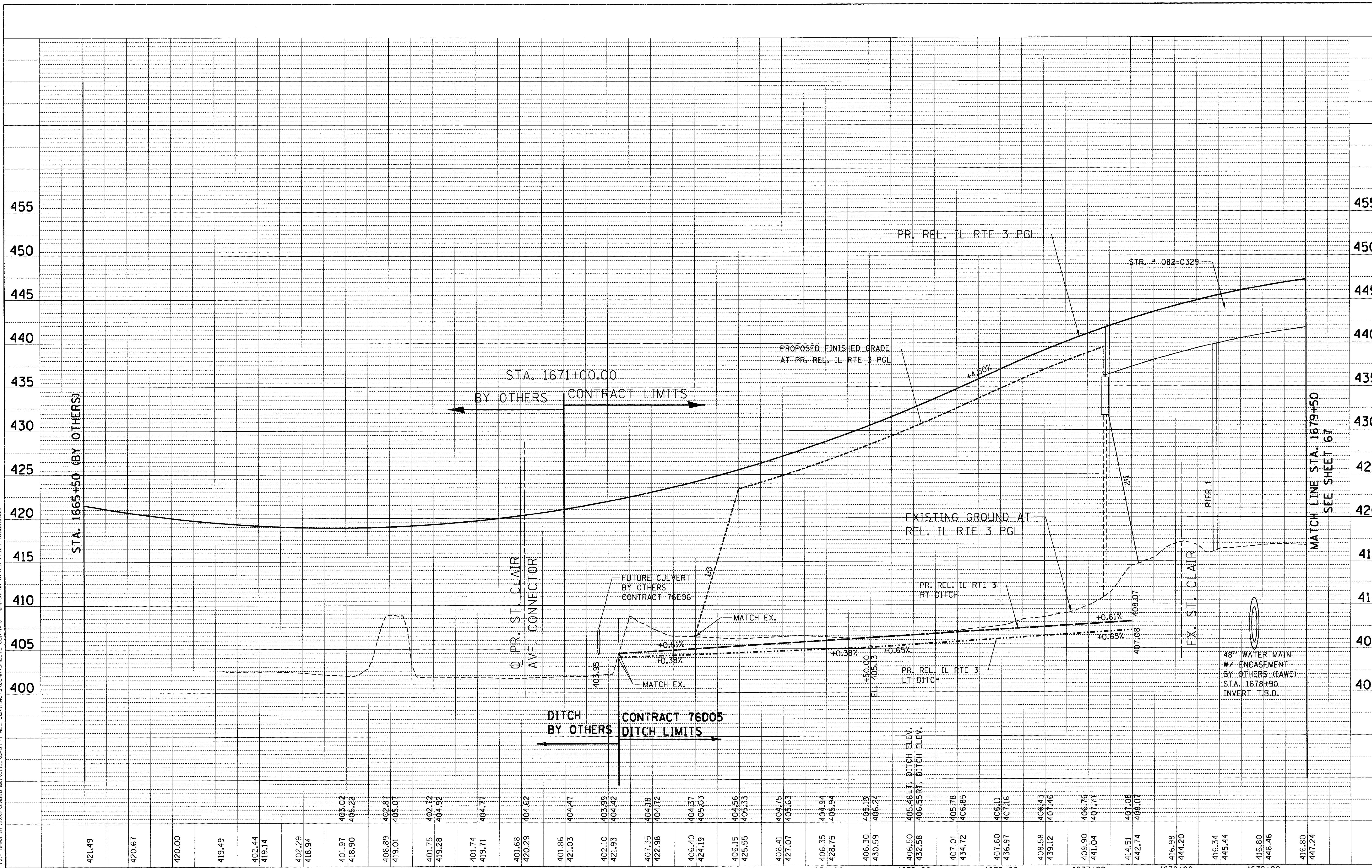
PROPOSED INLET	PROPOSED STORM SEWER
PROPOSED MANHOLE	PROPOSED PIPE UNDERDRAIN
PROPOSED CATCH BASIN	PROPOSED SUMMIT
PROPOSED CULVERT END SECTION	PROPOSED DITCH
PROPOSED SWALE	



NOTES:
1. SEE SHEETS 72 TO 75 FOR DETAILS
ON STATION, OFFSET, & RIM LOCATIONS

..\D8CONN-99-MOTIF1.DGN, ..\D8CONN-10-BORDER.DGN, ..\D8CONN-11-MOTIF1.DGN, ..\D8CONN-10-LEGEND.DGN, ..\D8CONN-10-LAYOUT1.DGN, ..\D8CONN-05-MOTIF1.DGN, ..\D8CONN-06-MOTIF1.DGN, ..\D8CONN-08-MOTIF1.DGN, ..\D8CONN-10-MOTIF1.DGN, ..\D8CONN-03-GEOMETRICS1.DGN
5-11-2011, 11:02:07 NEWMANMD \\FS-0044\MVAULT\D-TRANS.07\2202\20868-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\D8CONN-10-SHT-DRNUTIL2-5350.DGN

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RAMP B PROPOSED DRAINAGE & UTILITIES STA. 53+50 TO STA. 61+00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JFS	REVISED -			998	82-2-1HVB-1	ST. CLAIR	345	65
	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. TO STA.	CONTRACT NO. 76D05				
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JFS	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

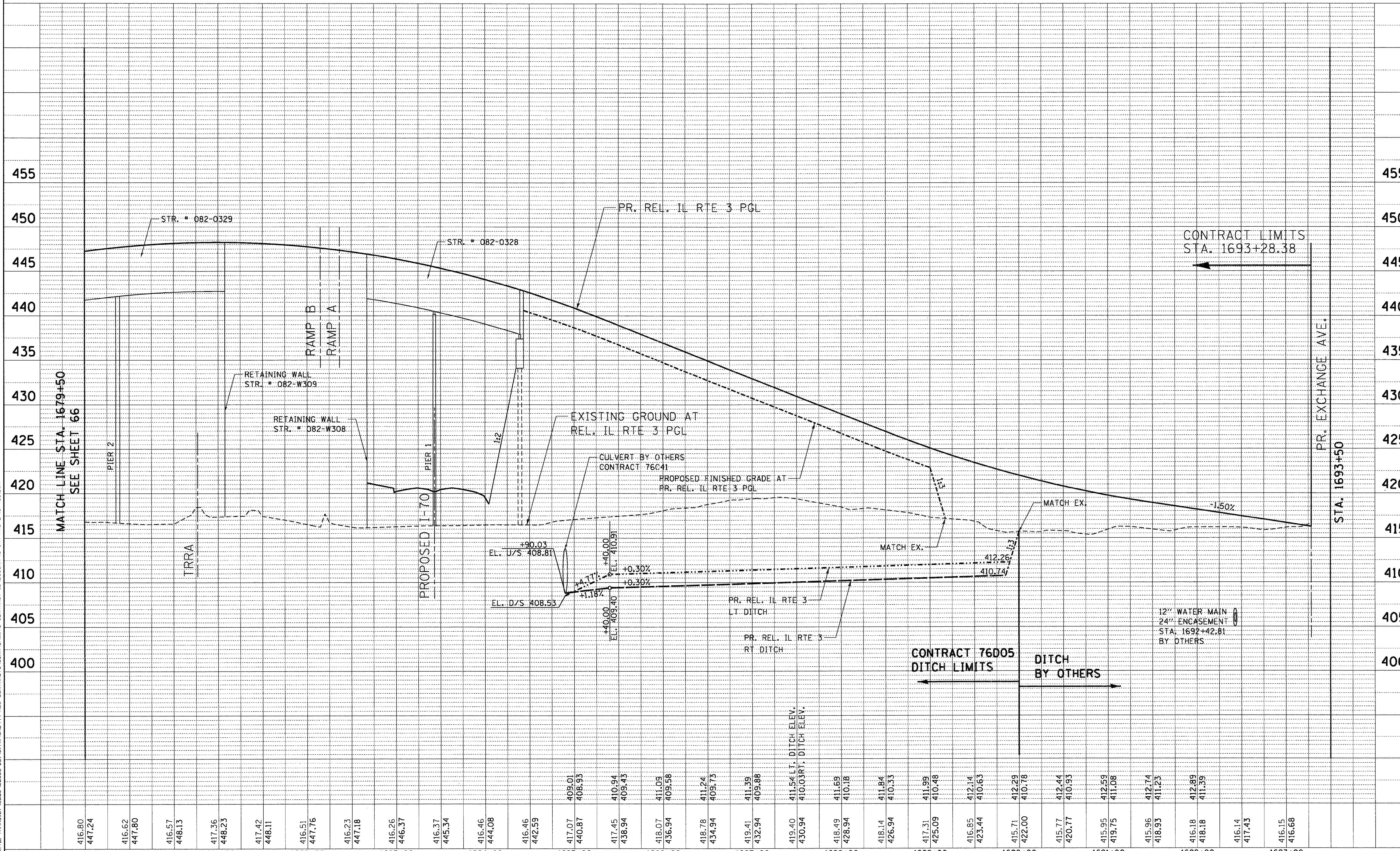
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
DRAINAGE PROFILE
STA. 1665+50 TO STA. 1679+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	66
		CONTRACT NO. 76D05		

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



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	
		DRAWN - JFS	REVISED -	
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RELOCATED ILLINOIS ROUTE 3
DRAINAGE PROFILE
STA. 1679+50 TO STA. 1693+28.38

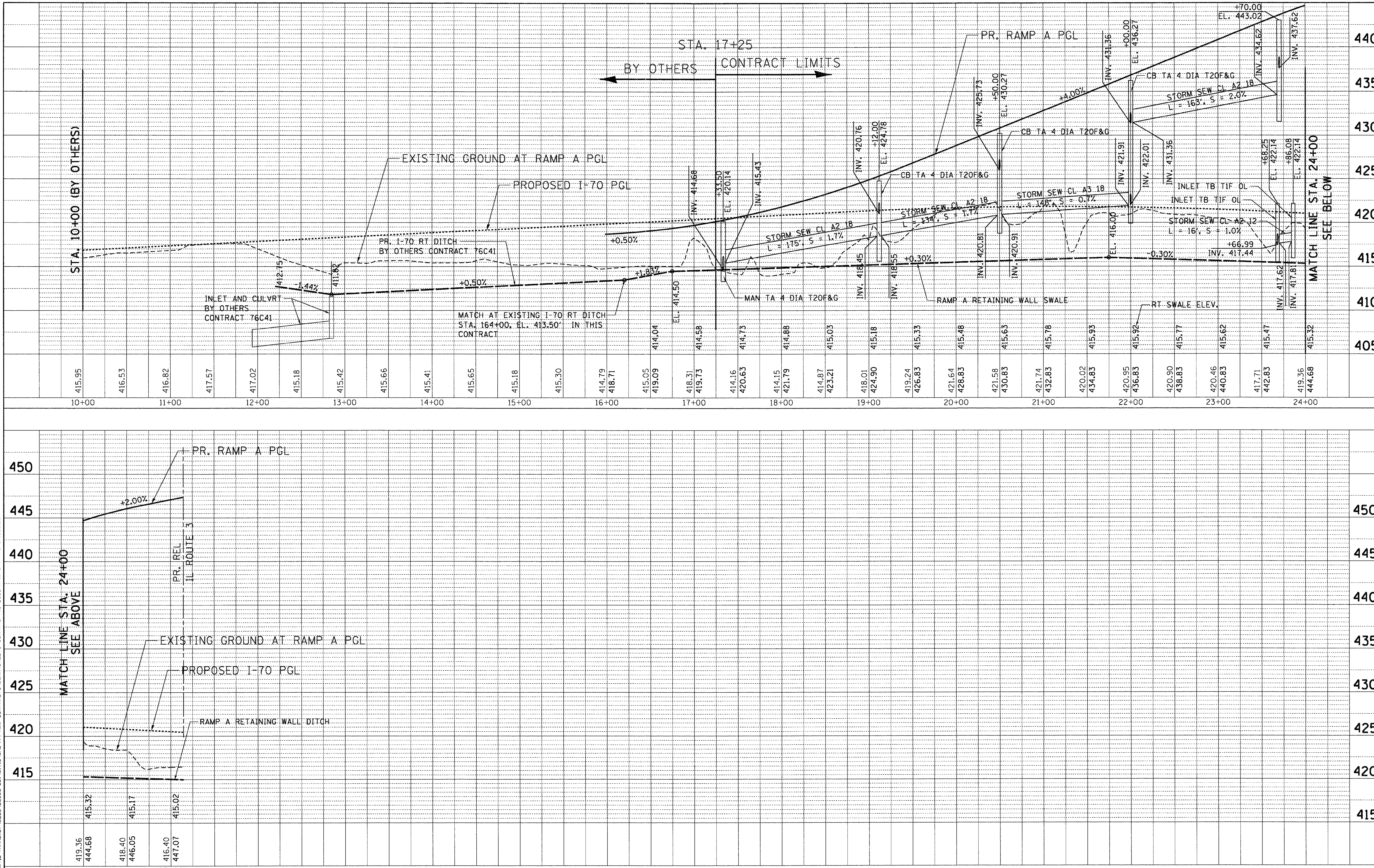
SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	67
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY — DATE

5-11-2011, 11:31:39 NEWMANMD \\FS-0044\MVAULT_D-TRANS.07\2202\20968-001\CIVIL\DGN\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\DRCONN-10-SHT-PROF2-167950.DGN



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	
		DRAWN - JFS	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -	
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

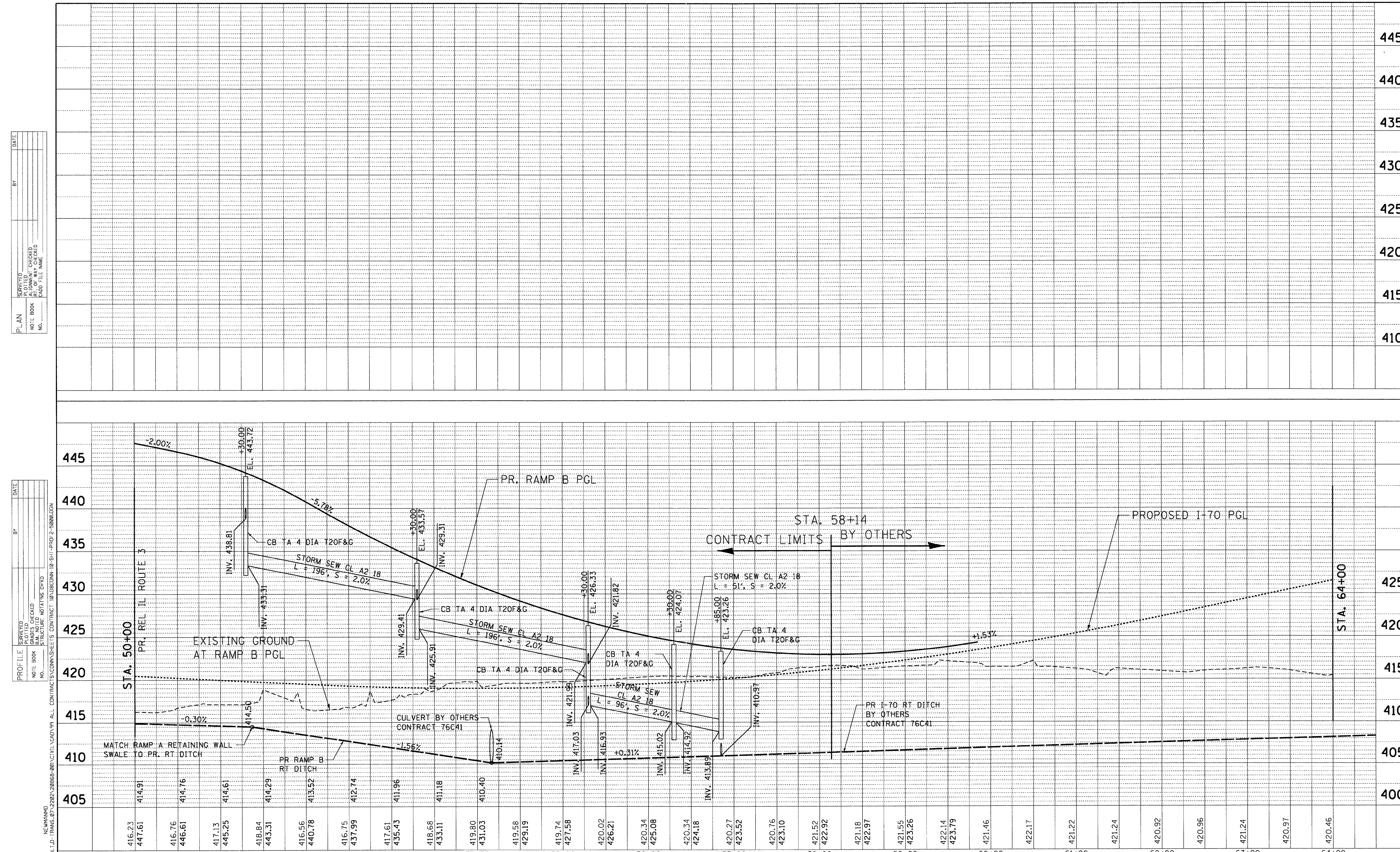
PROPOSED RAMP A
DRAINAGE PROFILE
STA. 10+00 TO STA. 25+50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	68

CONTRACT NO. 76D05

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



FILE NAME =	USER NAME = $USER$	DESIGNED - JB	REVISED -
$FILEL$		DRAWN - JFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

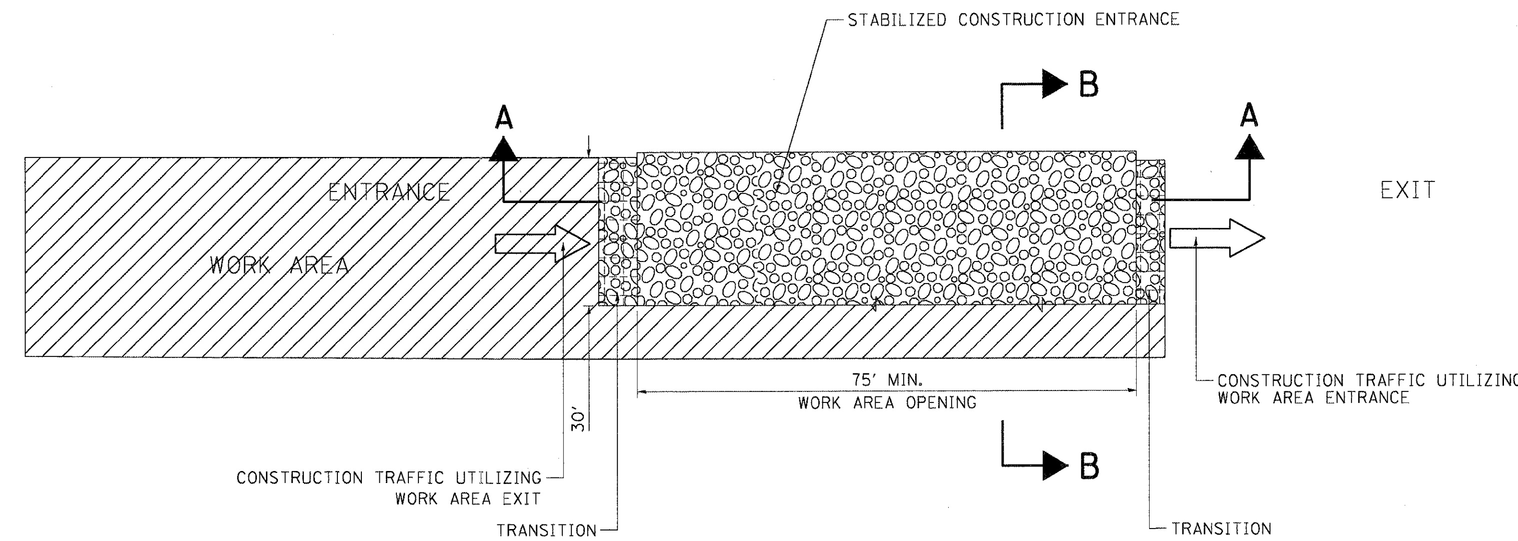
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

PROPOSED RAMP B
DRAINAGE PROFILE
STA. 50+00 TO STA. 72+28

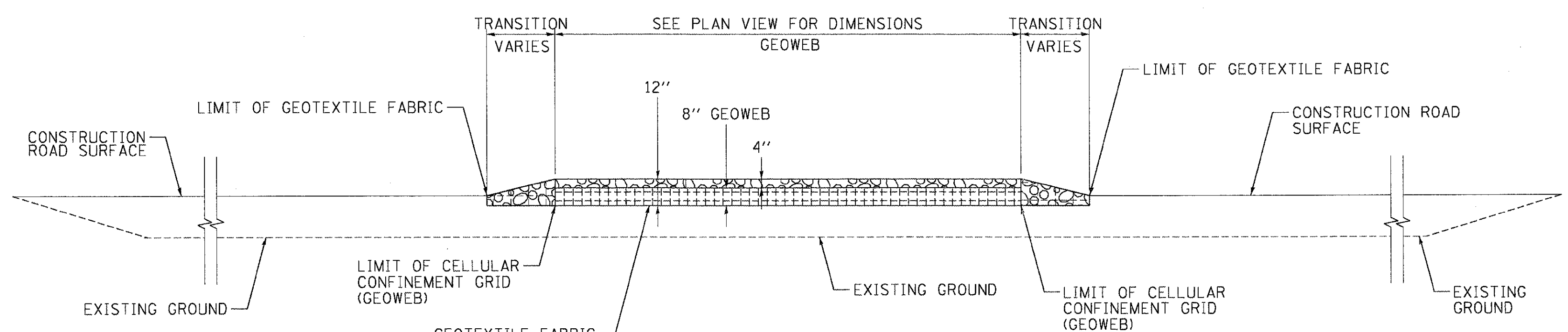
SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	69
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

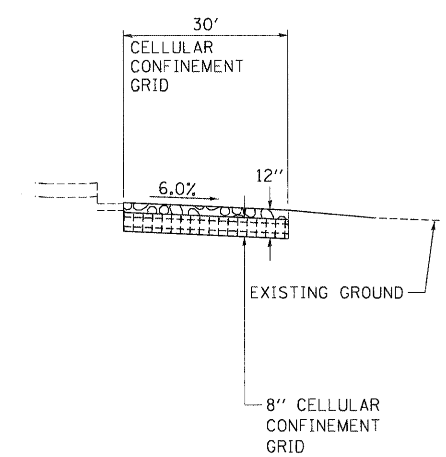
5-11-2011, 11:31:53 NEWMANMD



ROADWAY PLAN
(NOT TO SCALE)



SECTION A-A



SECTION B-B

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 = $FILE$	USER NAME = $USER$	DESIGNED - MFM	REVISED -
		DRAWN - MFM	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

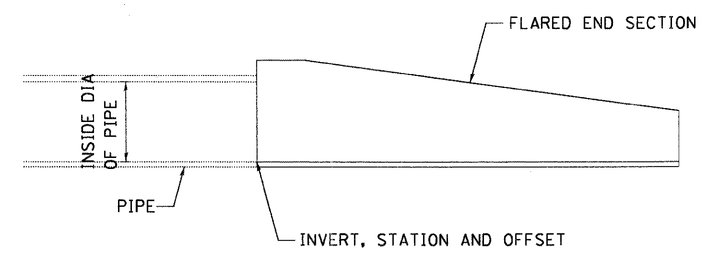
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

EROSION CONTROL DETAILS

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

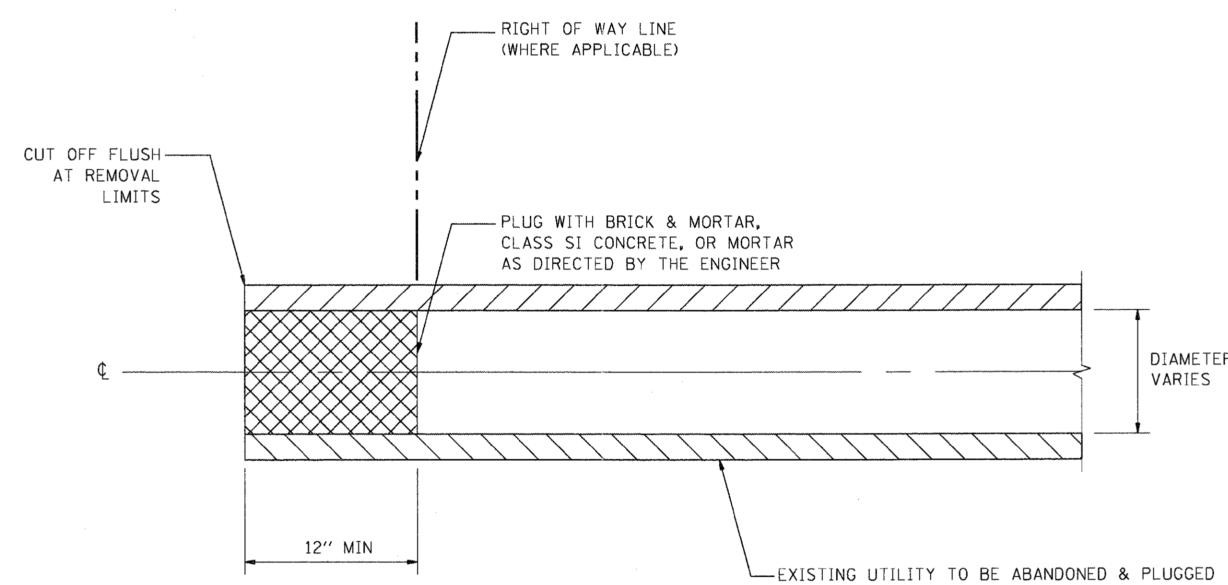
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	70
		CONTRACT NO. 76D05		

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



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

END SECTION CALL OUT DETAIL
N.T.S.

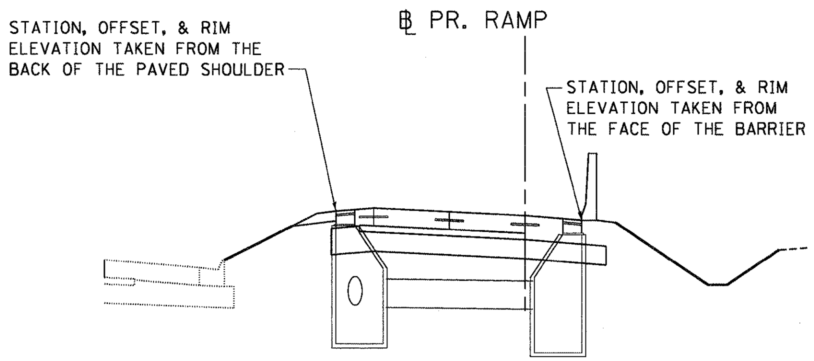


NOTE:
1. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE UTILITY REMOVAL ITEMS.

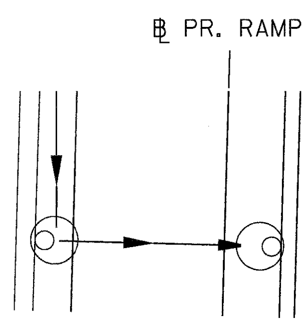
UTILITY PLUG DETAIL
N.T.S.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - MFM	REVISED -	STATE OF ILLINOIS	DRAINAGE DETAILS	F.A.P. RTE. 998
		DRAWN - MFM	REVISED -	DEPARTMENT OF TRANSPORTATION	END SECTION & SEWER PLUG DETAIL	SECTION 82-2-1HVB-1
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: N.T.S. SHEET NO. 1 OF 5 SHEETS STA. TO STA.	COUNTY ST. CLAIR; TOTAL SHEETS 345; SHEET NO. 71
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -			CONTRACT NO. 76D05 — FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

MANHOLE IN PAVED SHOULDER
CATCH BASIN IN FRONT OF CONCRETE BARRIER

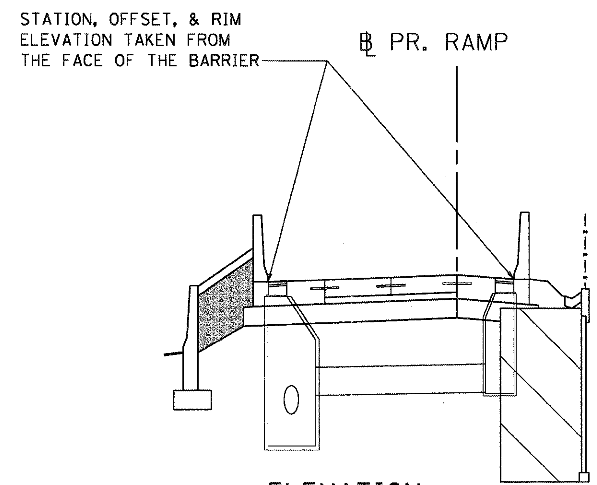


ELEVATION

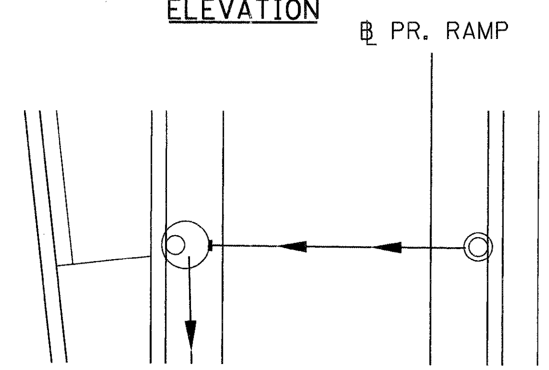


PLAN VIEW

INLET & CATCH BASIN IN FRONT OF CONCRETE BARRIER

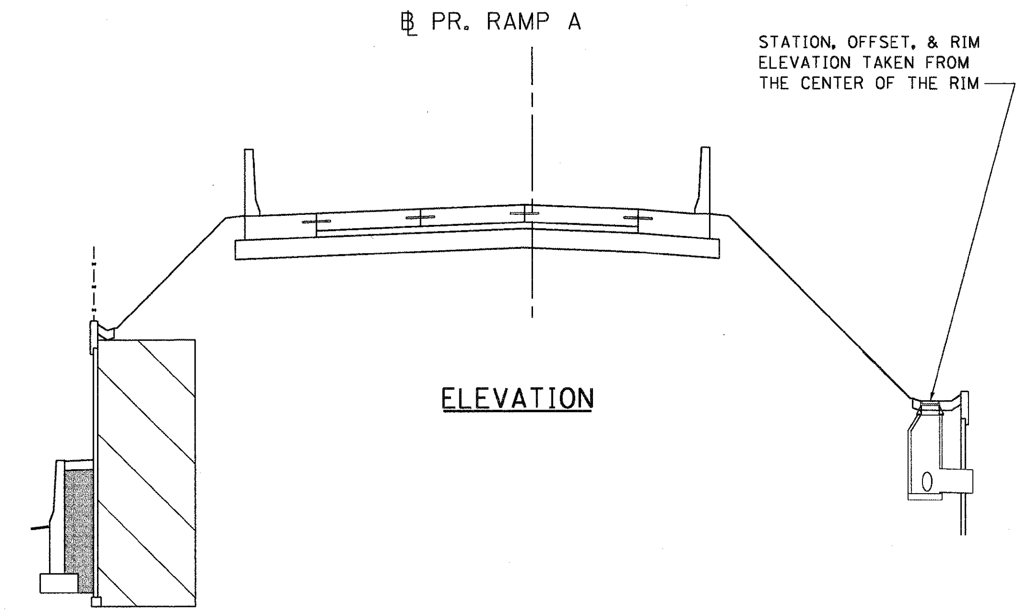


ELEVATION

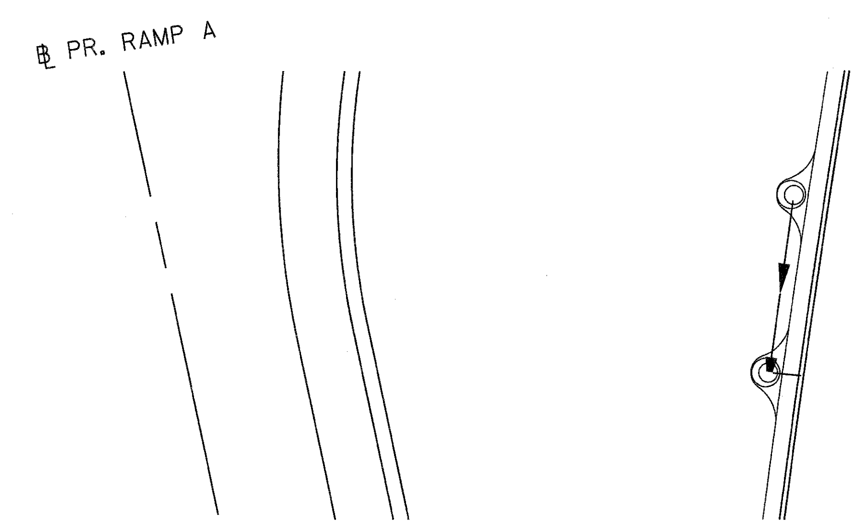


PLAN VIEW

INLET IN GUTTER TRANSITION

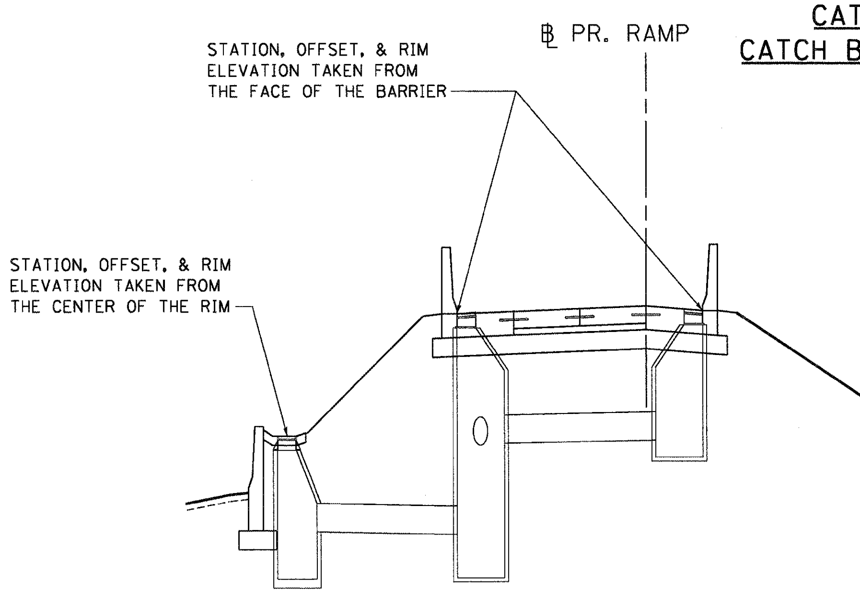


ELEVATION

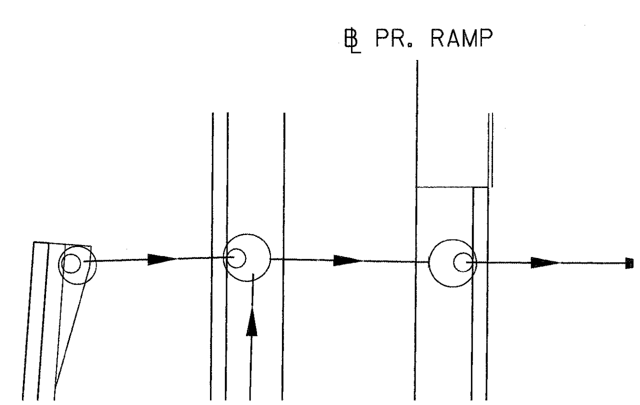


PLAN VIEW

CATCH BASIN IN GUTTER TRANSITION
CATCH BASIN IN FRONT OF CONCRETE BARRIER



ELEVATION



PLAN VIEW

NOTES
1. FOR DRAINAGE STRUCTURE STAIONS, OFFSETS, & ELEVATIONS, SEE SHEET 63 TO 65
2. ALL VERTICAL ELEVATIONS ARE DRAWN AT A 1H:2V SCALE

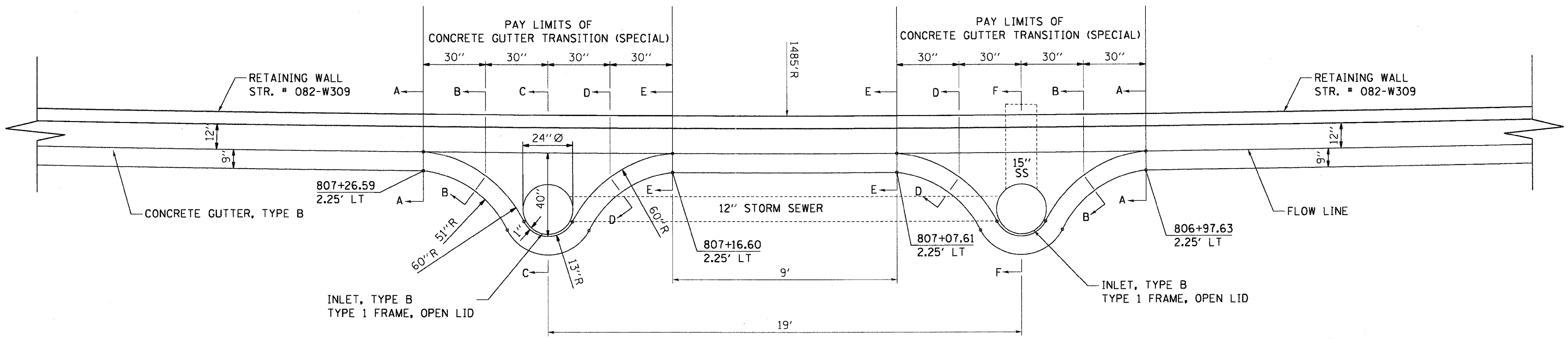
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

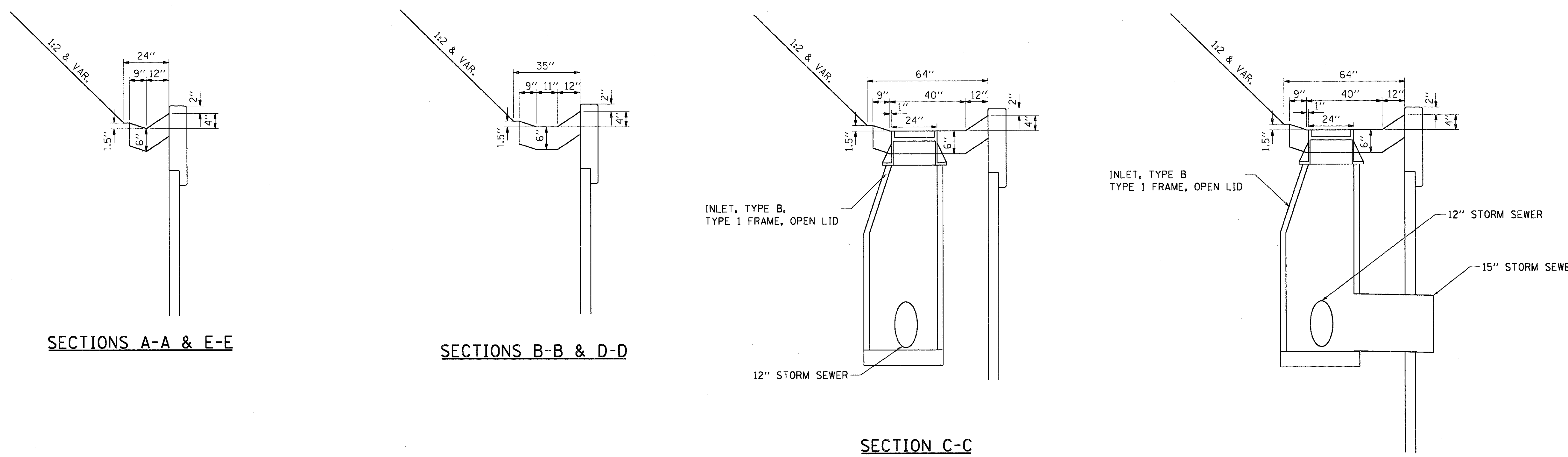
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

DRAINAGE DETAILS
DRAINAGE STRUCTURE STATION, OFFSET, & ELEVATION DETAIL

SCALE: N.T.S. | SHEET NO. 2 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	72
		CONTRACT NO. 76D05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





NOTES

1. FOR DRAINAGE STRUCTURE STAIONS, OFFSETS, & ELEVATIONS, SEE SHEETS 63 & 65.
2. STRUCTURE STA./OFF. AND RIM ELEVATIONS ARE TAKEN AT THE CENTER OF THE STRUCTURE PER SHEET 72.
3. ALL VERTICAL ELEVATIONS ARE DRAWN AT A 1H:2V SCALE.
4. TIE BARS ARE NOT REQUIRED FOR THE CONCRETE GUTTER, TYPE B AS INDICATED ON IDOT HWY STDS.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

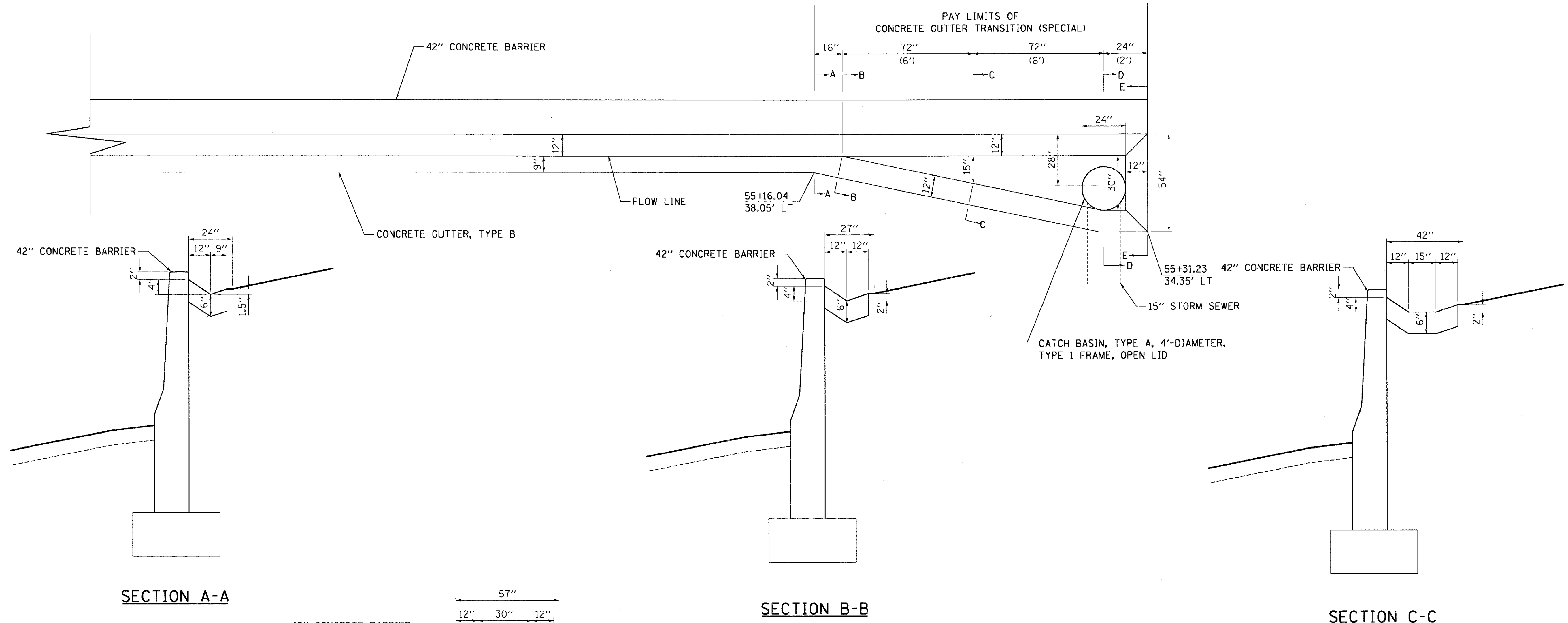
DRAINAGE DETAILS
TYPE B GUTTER TRANSITION 1

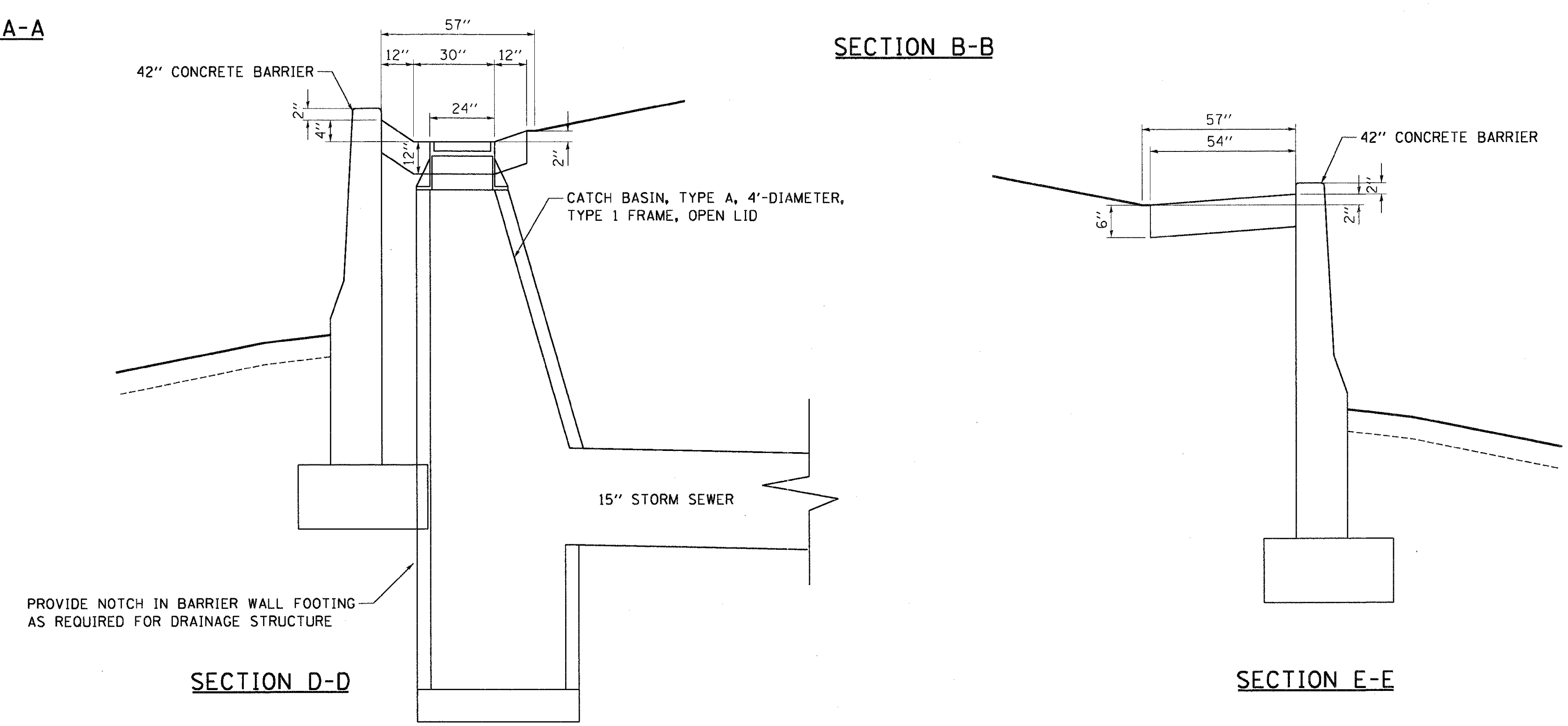
SCALE: N.T.S. | SHEET NO. 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	73

CONTRACT NO. 76D05

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





NOTES
1. FOR DRAINAGE STRUCTURE STAIONS, OFFSETS, & ELEVATIONS, SEE SHEETS 63 & 65.
2. STRUCTURE STA./OFF. AND RIM ELEVATIONS ARE TAKEN AT THE CENTER OF THE STRUCTURE PER SHEET 72.
3. ALL VERTICAL ELEVATIONS ARE DRAWN AT A 1H:2V SCALE.
4. TIE BARS ARE NOT REQUIRED FOR THE CONCRETE GUTTER, TYPE B AS INDICATED ON IDOT HWY STDS.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -
		DRAWN - JB	REVISED -
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 05/13/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 3

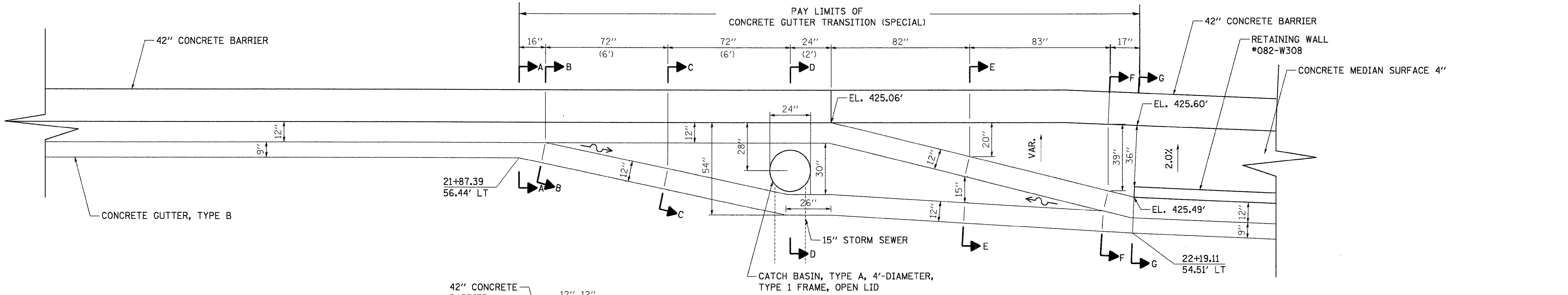
DRAINAGE DETAILS
TYPE B GUTTER TRANSITION 2

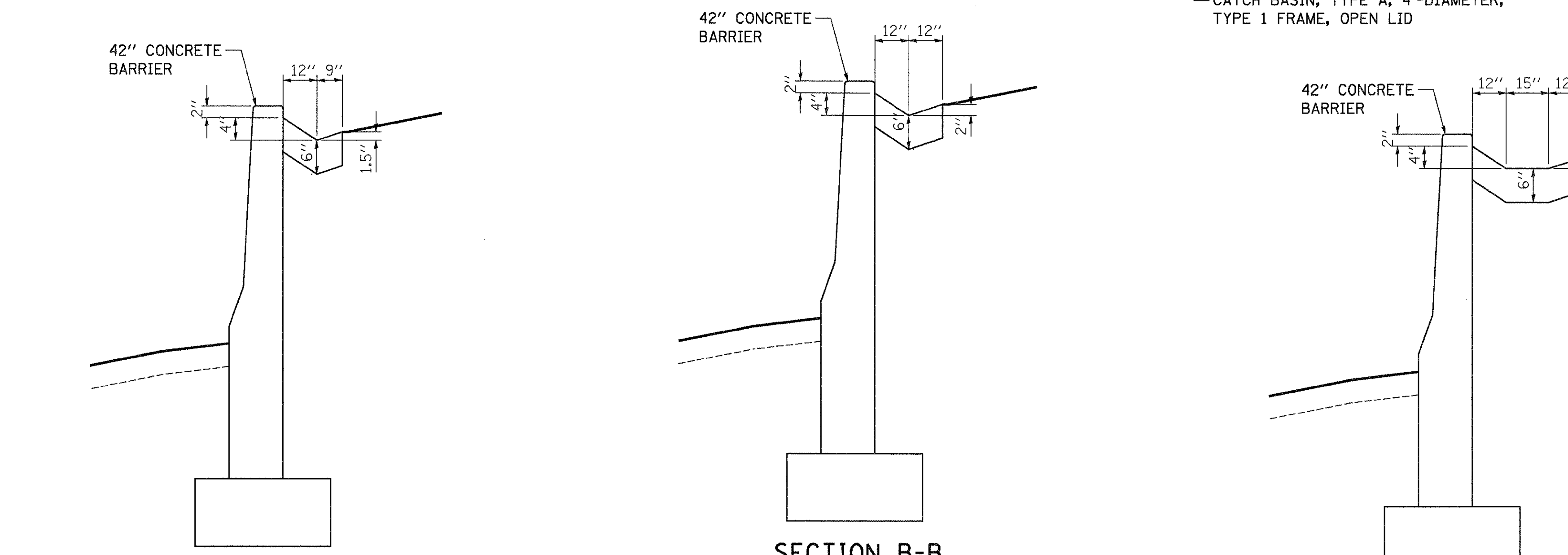
SCALE: N.T.S. | SHEET NO. 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB-1	ST. CLAIR	345	74

CONTRACT NO. 76D05

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

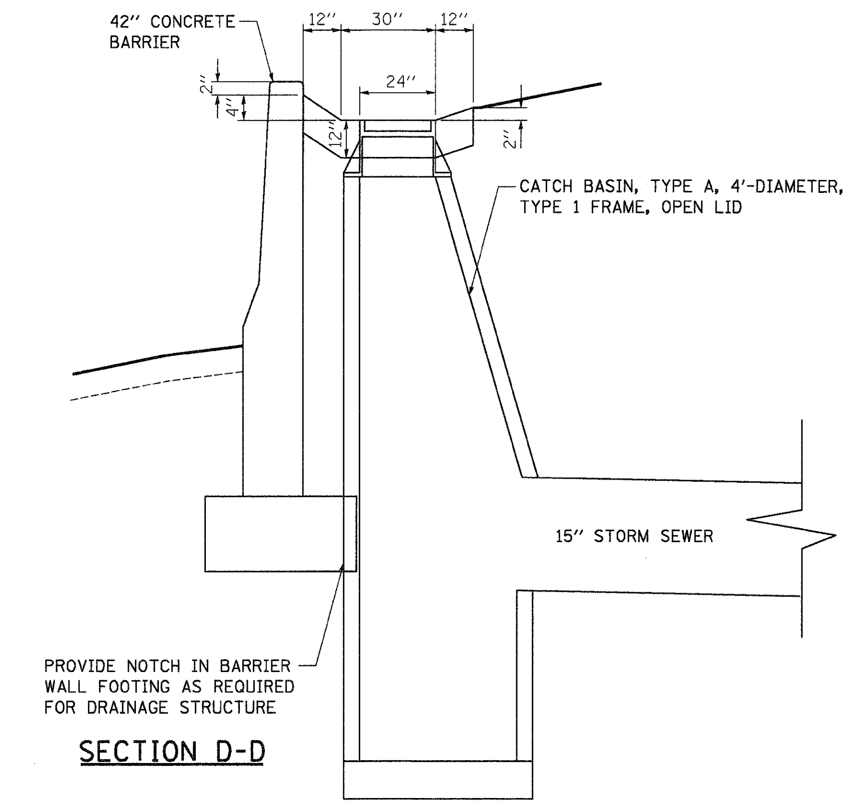




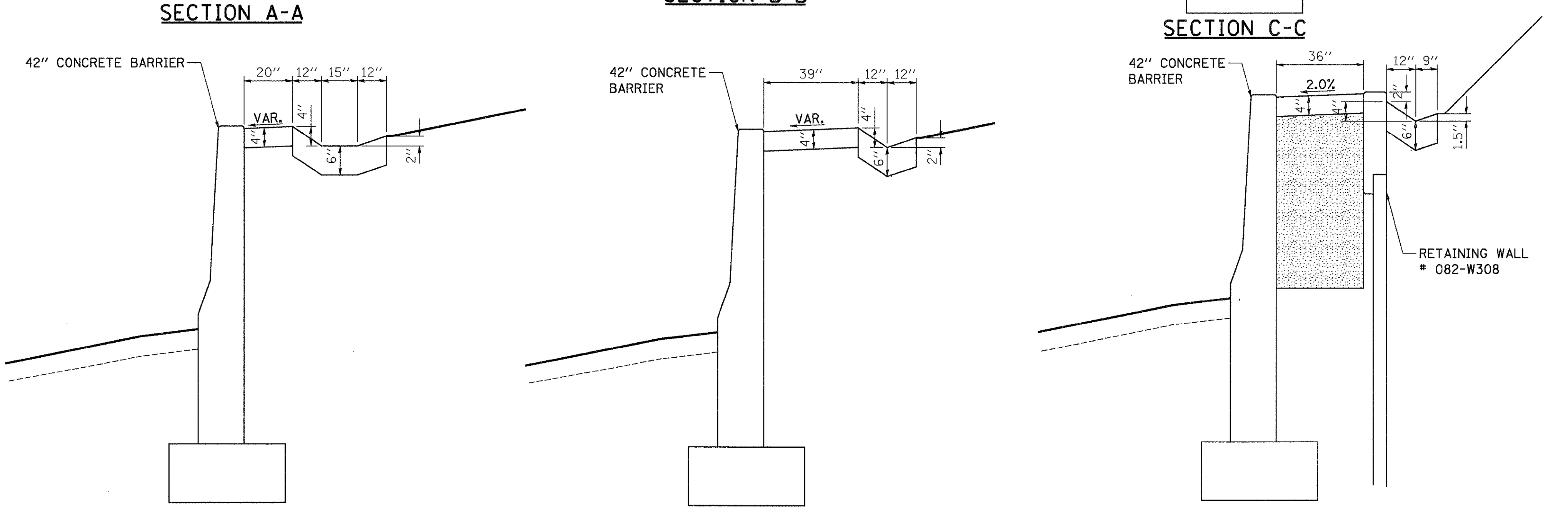
SECTION A-A

SECTION B-B

SECTION C-C



SECTION D-D



SECTION E-E

SECTION F-F

SECTION G-G

NOTES
1. FOR DRAINAGE STRUCTURE STAIONS, OFFSETS, & ELEVATIONS, SEE SHEETS 63 & 65.
2. STRUCTURE STA./OFF. AND RIM ELEVATIONS ARE TAKEN AT THE CENTER OF THE STRUCTURE PER SHEET 72.
3. ALL VERTICAL ELEVATIONS ARE DRAWN AT A 1H:2V SCALE.
4. TIE BARS ARE NOT REQUIRED FOR THE CONCRETE GUTTER, TYPE B AS INDICATED ON IDOT HWY STDS.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS	DRAINAGE DETAILS	F.A.P. RTE. 998	SECTION 82-2-1HVB-1	COUNTY ST. CLAIR; TOTAL SHEETS 345; SHEET NO. 75
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	DRAWN - JB	REVISED -	DEPARTMENT OF TRANSPORTATION	TYPE B GUTTER TRANSITION 3			CONTRACT NO. 76D05
	PLOT DATE = $DATE$	CHECKED - TKL	REVISED -	RELOCATED ILLINOIS ROUTE 3	SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
		DATE - 05/13/11	REVISED -					

..\DBCONN-10-BORDER1.DGN, ..\DBCONN-10-MOTIF1.DGN
6-27-2011, 14:05:48 BONDHUJD \\FS-0044\WAKVAULT\D-TRANS.07\2202\20868-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 10\DBCONN-10-SHT-DRAINAGE5.DGN

Legend
UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
RETIRED GAS
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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: Cover

FILE NAME =	USER NAME =	DESIGNED EG, IP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108
$FILEL$		DRAWN KLC	
	PLOT SCALE =	CHECKED JB	REVISED
	PLOT DATE =	DATE 9/15/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

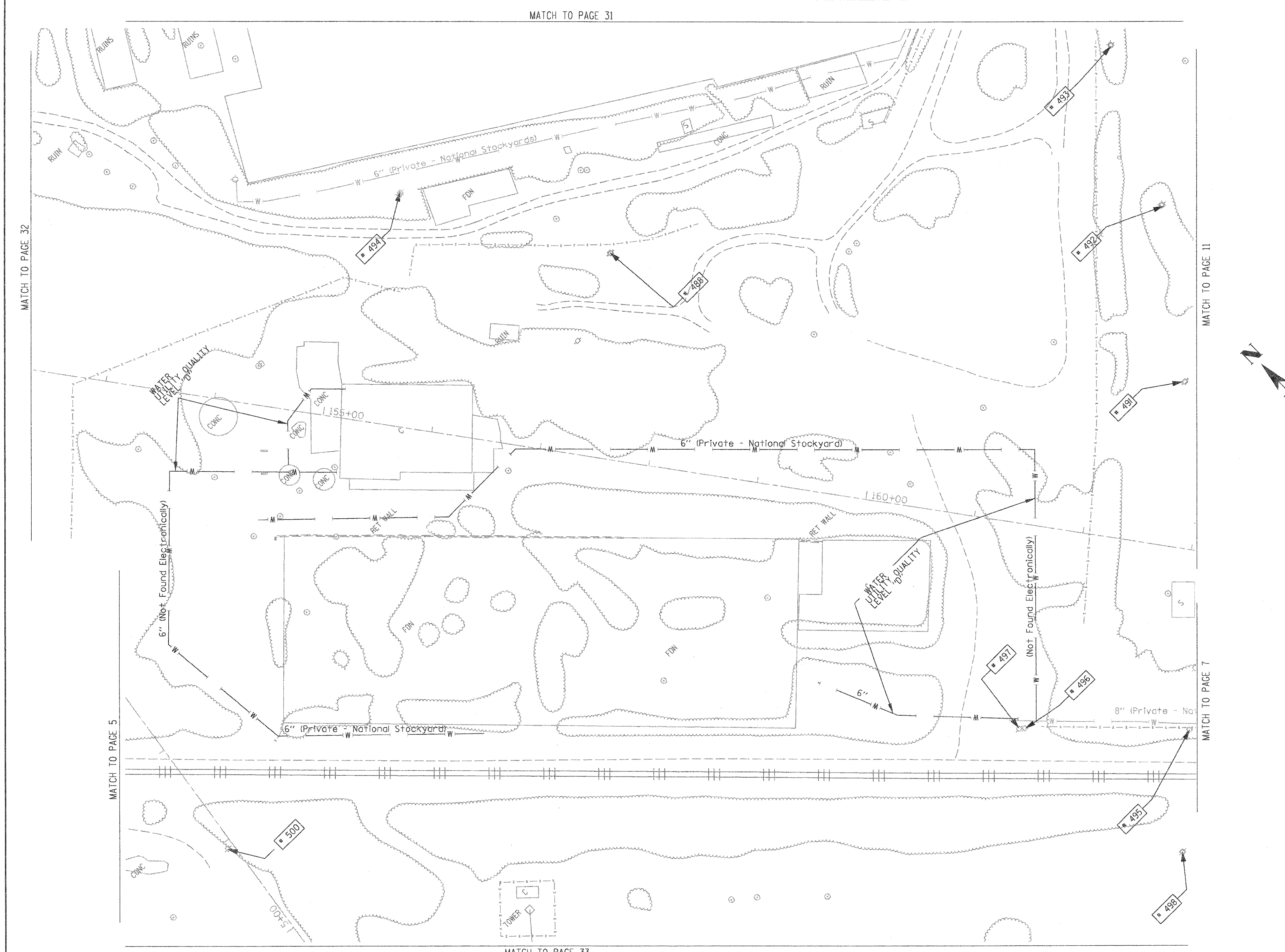
Mississippi River Bridge Project

SCALE:	SHEET NO.	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	76

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	Utiltiy 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 486	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 (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

GROUP

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. IL09500601.602.603. 604.607.608.609
SUE Plan Page: 6 of 35

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

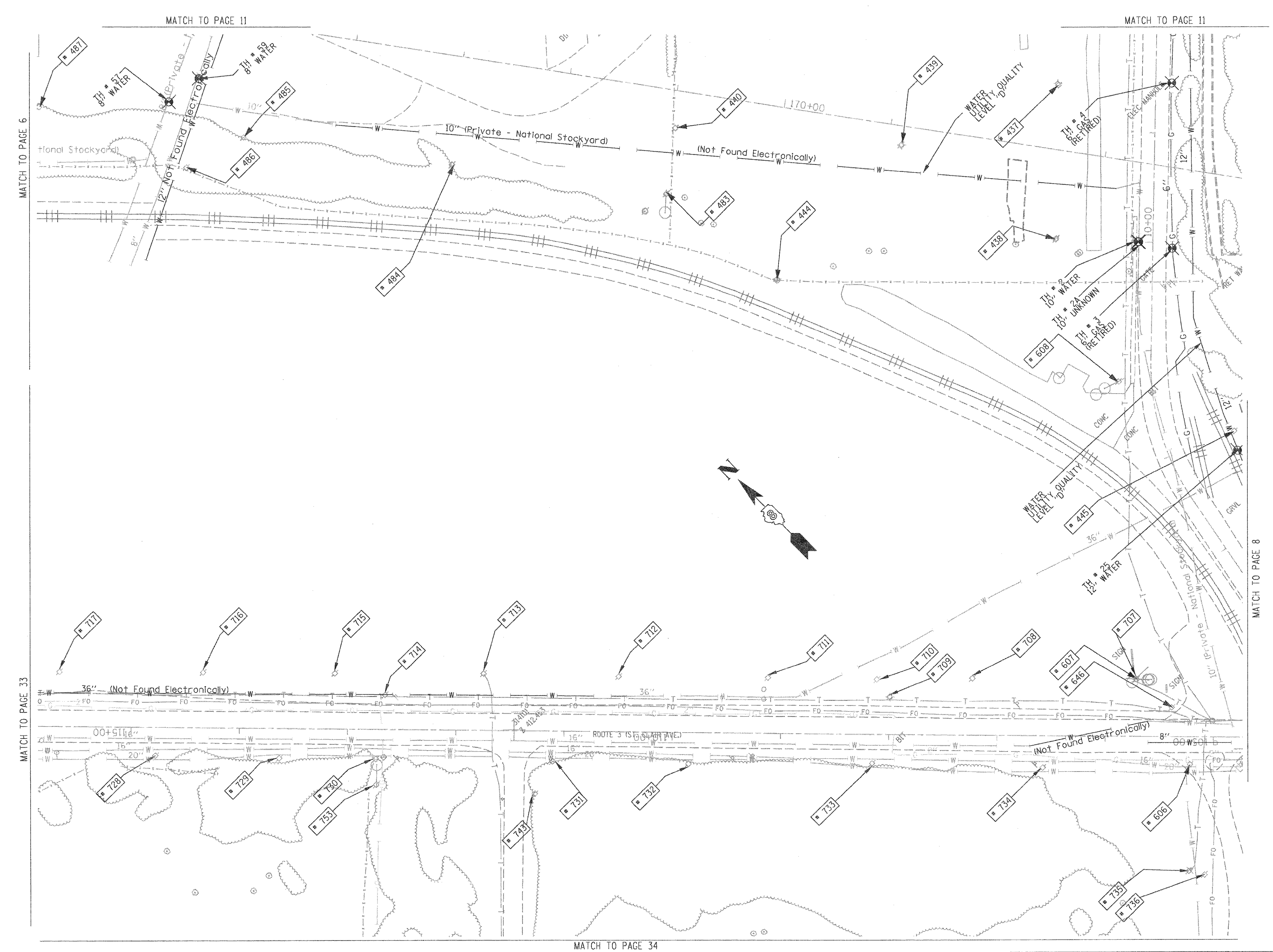
Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	77

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
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 MESD TREATMENT FACILITY DRIVEWAY	726230	ELECTRIC	AMEREN ELECTRIC	ANCHOR
753	40' W OF RT 3 ON S. SIDE OF MESD TREATMENT FACILITY DRIVEWAY	726240	ELECTRIC	AMEREN ELECTRIC	ANCHOR

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
RETIRED GAS
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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. IL09500601,602,603, 604,607,608,609
SUE Plan Page: 7 of 35

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

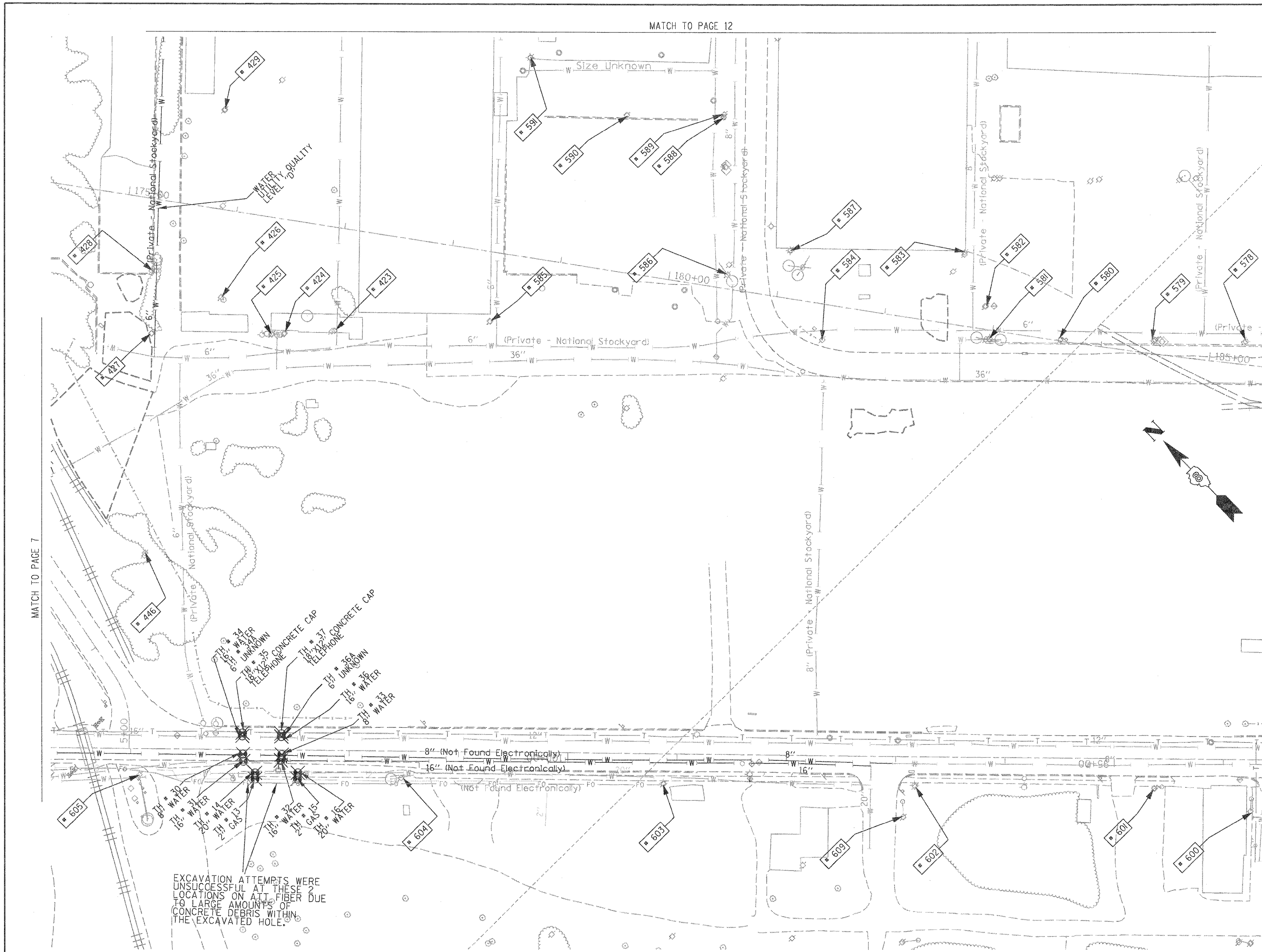
Mississippi River Bridge Project

SCALE:	SHEET NO.	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	78

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
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 426	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

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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. IL09500601.602.603.604.607.608.609
SUE Plan Page: 8 of 35

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

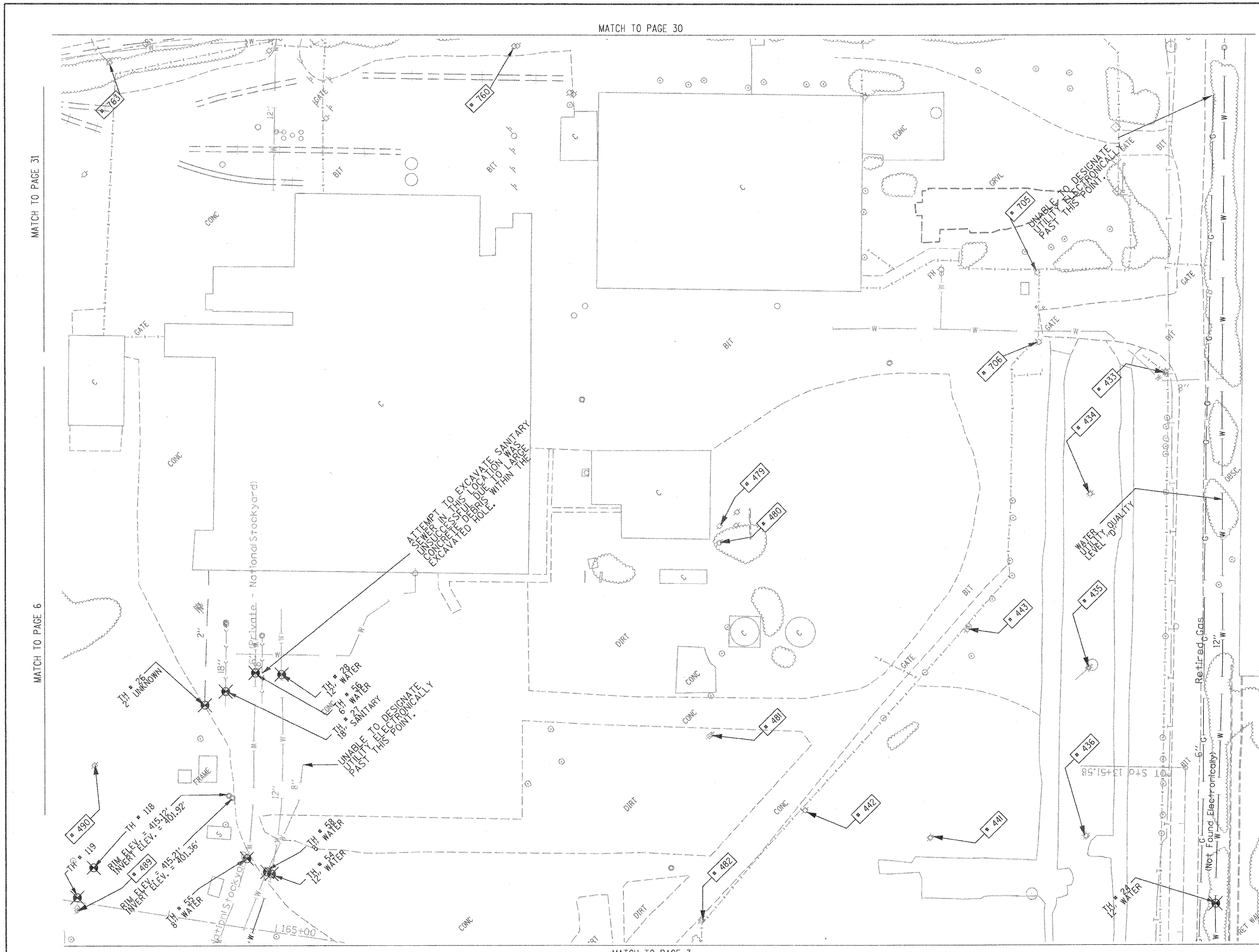
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

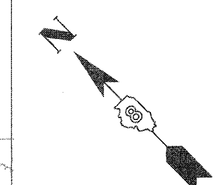
Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	79

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
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 PACKERS	749484	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	ANCHOR

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
RETIRED GAS
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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

METERS: 20 0 20 40
FEET: 50 0 50 100

Checked By:
Date:

TBE Job No. IL09500601,602,603,604,607,608,609,610
SUE Plan Page: 11 of 35

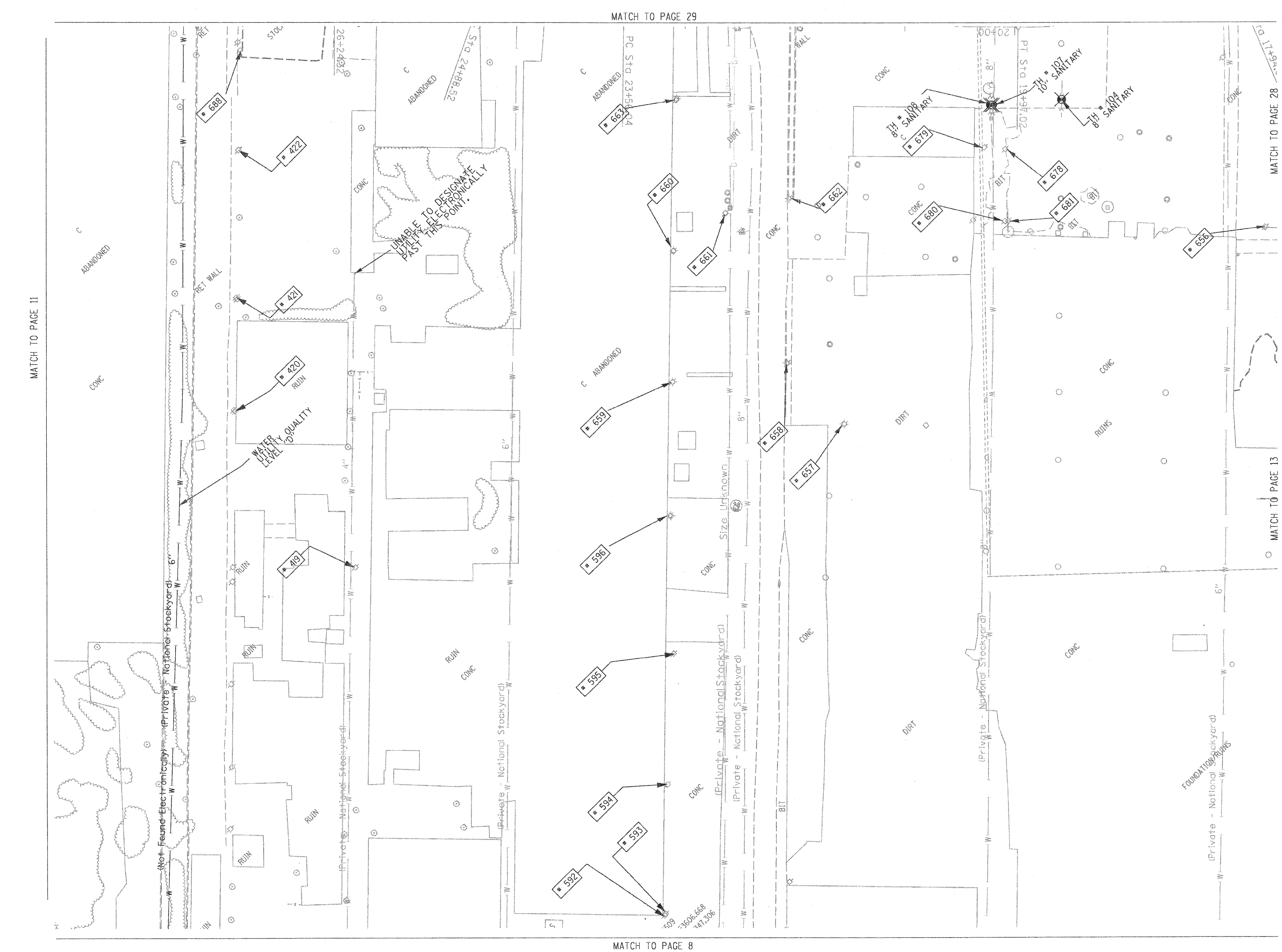
FILE NAME =	USER NAME =	DESIGNED EG, IP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108
#FILEL#		DRAWN KLC	
	PLOT SCALE = 1" = 50'	CHECKED JB	REVISED 5/04/10 ADDED TEST HOLES #118-119
	PLOT DATE = #DATE#	DATE 7/15/10	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE:	SHEET NO.	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	80
		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
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 655	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 659	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	W 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
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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. IL09500601,602,603,604, 607,608,609
SUE Plan Page: 12 of 35

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

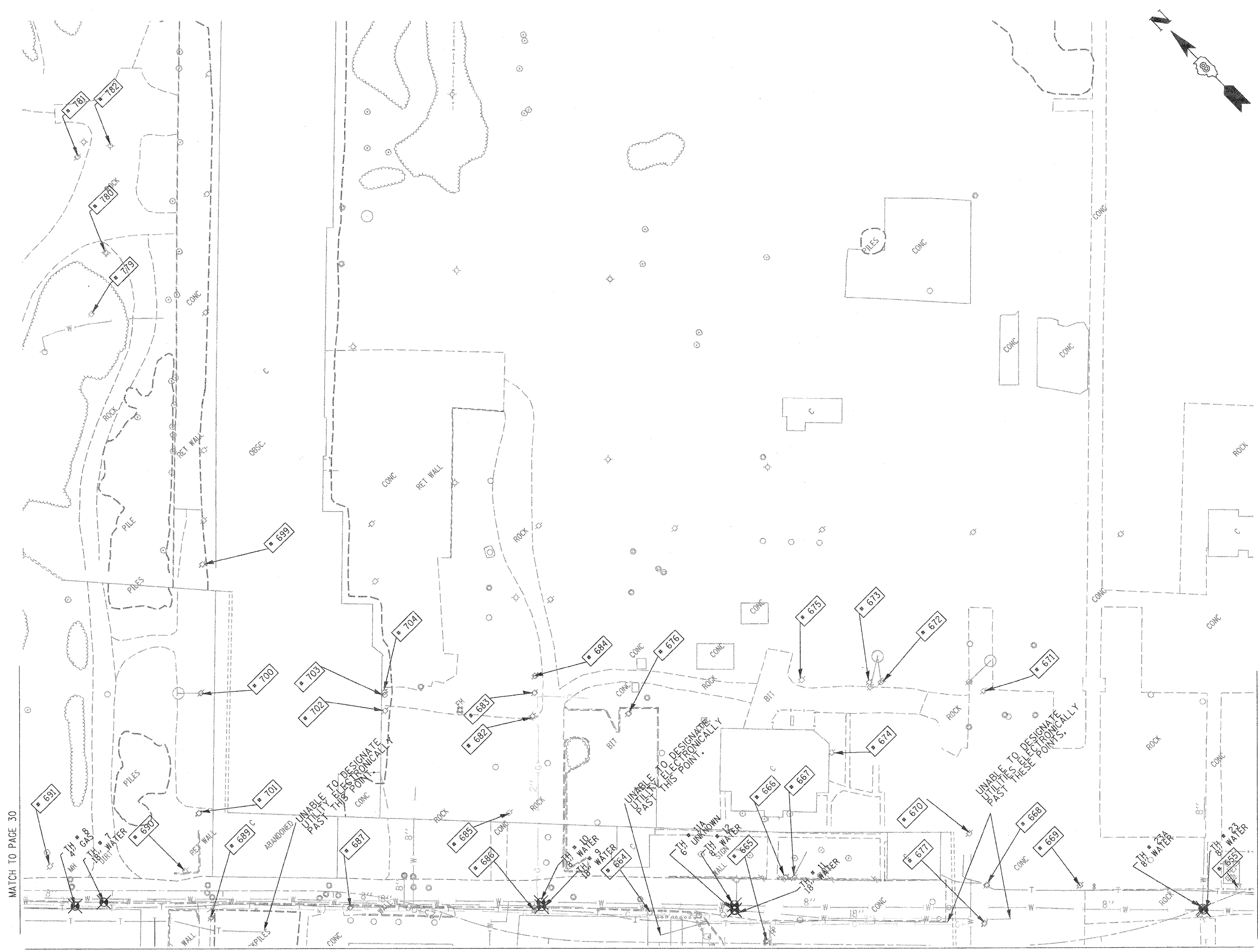
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	81

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
655	NW OF POLE 654	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - SE, NW
664	NE OF POLE 663	739496	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, TEL & ELEC - SW, W, SE
665	SE OF POLE 664	2290218	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	TEL - E, NW ELEC - NW
666	SE OF POLE 664	NO TAG	NO UTILITIES		GUY - E
667	E OF POLE 665	NO TAG	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, ELEC - W, SE TEL-SE, W TEL DROP - E
668	SE OF POLE 667	2290217	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, ELEC - SE, W, E TEL-SE, W TEL PEDS, TEL DROP
669	S OF POLE 668	2290216	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - SE, W, NW
670	NW OF POLE 669	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY-NW, TRANSFORMER, ELEC - SE, E
671	NE OF POLE 670	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY-S, TRANSFORMER, ELEC - SW, NW
672	NW OF POLE 671	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY-NE, LIGHT, TRANSFORMER, ELEC - SE, W, S, SW
673	W OF POLE 672	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY-NE, TRANSFORMER, ELEC - SE, W, S, NW, SW
674	SW OF POLE 673	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW, ELEC - E, NW
675	N OF POLE 674	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC-SE, NW
676	W OF POLE 675	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SE, ELEC - NW, SW
677	S OF POLE 668	NO TAG	TELEPHONE	AT&T	TEL - S, N
682	NW OF POLE 676	739499	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, TEL-SE, SW ELEC - SW, NE
683	NE OF POLE 682	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, ELEC - NW, SE
684	NE OF POLE 682	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, ELEC - NW, SE
685	SW OF POLE 682	7399498	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, TEL-NE, SW ELEC - NE, SW
686	SW OF POLE 685	739497	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, TRANSFORMER TEL-NE, NW, SE ELEC-NE, NW, SE
687	NW OF POLE 686	739148	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT, TEL & ELEC - NW, SE
689	SW OF POLE 688	NO TAG	TELEPHONE	AT&T	TEL - SE, SW
690	NE OF POLE 689	739147	ELECTRIC	AMEREN ELECTRIC	LIGHT, ELEC - SE, NW
691	NW OF POLE 690	7391449	ELECTRIC	AMEREN ELECTRIC	ELEC - SE, NW
699	SE OF POLE 698	NO TAG	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	ELEC & TEL - SW, NE
700	SW OF POLE 699	NO TAG	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	GUY - NW ELEC - SW, NE, SE TEL - SW, NE
701	SW OF POLE 700	NO TAG	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	GUY - NW ELEC & TEL - SW, NE
702	NW OF POLE 683	NO TAG	NO UTILITIES		ABANDONED POLE
703	NW OF POLE 683	NO TAG	NO UTILITIES		ABANDONED POLE
704	NW OF POLE 683	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELEC - NW, SE
779	JUST SOUTH OF POLE # 778	NO TAG	ELECTRIC	AMEREN ELECTRIC	POLE WITH ANCHOR POLE
780	JUST SOUTH OF POLE # 779	NO TAG	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT
781	JUST SOUTH OF POLE # 780	NO TAG	ELECTRIC	AMEREN ELECTRIC	
782	JUST SOUTH OF POLE # 781	NO TAG	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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. IL09500601,602,603,604,607,608,609
SUE Plan Page: 29 of 35

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

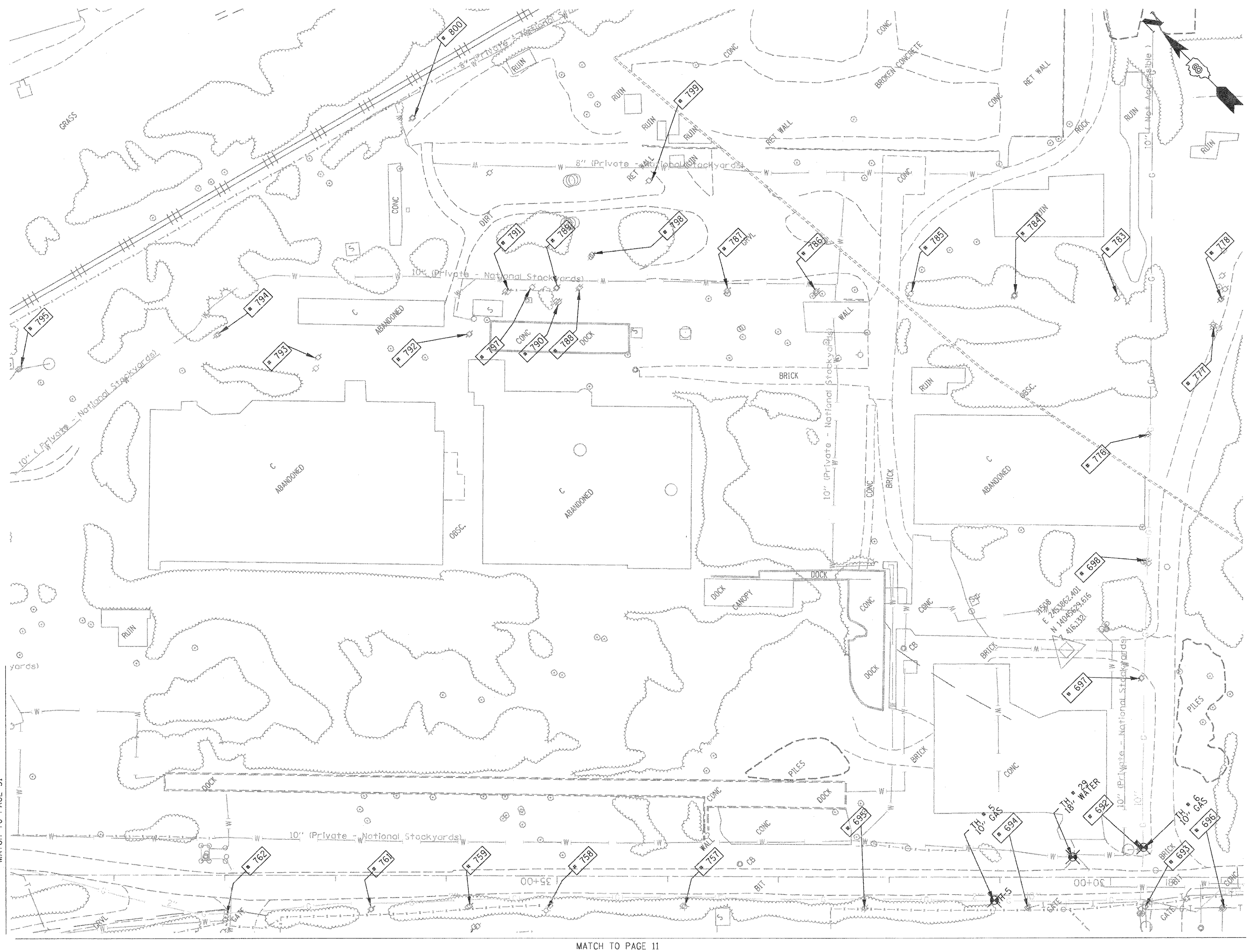
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	82

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
692	NW OF POLE 691	25558 739150	ELECTRIC	AMEREN ELECTRIC	LIGHT
693	SW OF POLE 692 PACKER/MAIN ST	NO TAG	NO UTILITIES		ABANDONED POLE
694	NW OF POLE 693	NO TAG	TELEPHONE	AT&T	GUY - SE, TEL DROP
695	NW OF POLE 694	739478	TELEPHONE	AT&T	LIGHT
696	SE OF POLE 693 CORNER OF PACKER/MAIN ST	NO TAG	NO UTILITIES		ABANDONED POLE
697	NE OF POLE 692 PACKER/MAIN ST	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
698	NE OF POLE 697	739152	NO UTILITIES		ABANDONED POLE
757	ON EXCHANGE 422' N OF PACKERS	NO TAG	TELEPHONE	AT&T	
758	ON EXCHANGE 541' N OF PACKERS	NO TAG	TELEPHONE	AT&T	
759	ON EXCHANGE 618' N OF PACKERS	NO TAG	ELECTRIC	AMEREN ELECTRIC	
760	JUST WEST OF POLE #759	739481	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
761	ON EXCHANGE 705' N OF PACKERS	739482	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
762	ON EXCHANGE 834' N OF PACKERS	739483	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
776	JUST E OF POLE # 698	739153	NO UTILITIES		
777	JUST E OF POLE # 776	739154	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT, ANCHOR
778	JUST E OF POLE # 776	NO TAG	ELECTRIC	AMEREN ELECTRIC	
783	JUST N OF POLE # 778	NO TAG	ELECTRIC	AMEREN ELECTRIC	
784	JUST N OF POLE # 783	NO TAG	ELECTRIC	AMEREN ELECTRIC	
785	JUST N OF POLE # 784	NO TAG	ELECTRIC	AMEREN ELECTRIC	
786	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
787	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
788	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
789	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
790	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
791	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
792	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
793	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
794	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
795	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	
797	EAST OF ARMOUR BUILDING	747037	ELECTRIC	AMEREN ELECTRIC	METER
798	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, DOWN GUY
799	EAST OF ARMOUR BUILDING	NO TAG	ELECTRIC	AMEREN ELECTRIC	METER
800	EAST OF ARMOUR BUILDING	747035	ELECTRIC	AMEREN ELECTRIC	DOWN GUY - NE

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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

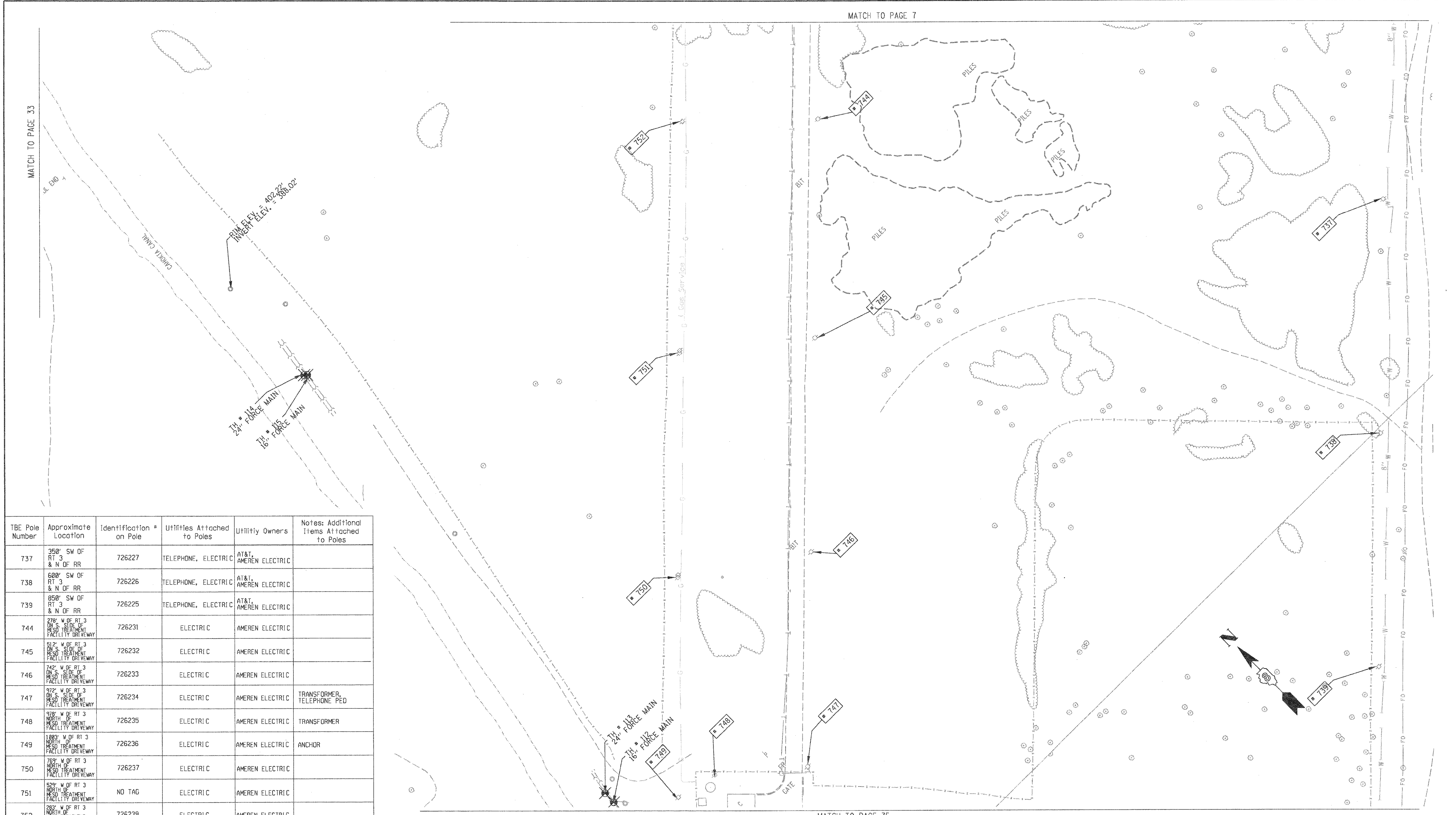
20 0 METERS 20 40
50 0 FEET 50 100

TBE Job No. IL09500601,602,603,604,607,608,609
SUE Plan Page: 30 of 35

Checked By: ____________
Date: ____________

FILE NAME =	USER NAME =	DESIGNED EG, IP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project
$FILEL$		DRAWN KLC			
	PLOT SCALE = 1" = 50'	CHECKED JB	REVISED		SCALE: SHEET NO. STA. TO STA.
	PLOT DATE = $DATE$	DATE 9/15/09	REVISED		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	83
		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	Utilitiy Owners	Notes: Additional Items Attached to Poles
737	350' SW OF RT 3 & N OF RR	726227	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
738	600' SW OF RT 3 & N OF RR	726226	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
739	850' SW OF RT 3 & N OF RR	726225	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
744	278' W OF RT 3 ON S. SIDE OF MESD TREATMENT FACILITY DRIVEWAY	726231	ELECTRIC	AMEREN ELECTRIC	
745	512' W OF RT 3 ON S. SIDE OF MESD TREATMENT FACILITY DRIVEWAY	726232	ELECTRIC	AMEREN ELECTRIC	
746	742' W OF RT 3 ON S. SIDE OF MESD TREATMENT FACILITY DRIVEWAY	726233	ELECTRIC	AMEREN ELECTRIC	
747	972' W OF RT 3 ON S. SIDE OF MESD TREATMENT FACILITY DRIVEWAY	726234	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, TELEPHONE PED
748	978' W OF RT 3 NORTH OF MESD TREATMENT FACILITY DRIVEWAY	726235	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
749	1003' W OF RT 3 NORTH OF MESD TREATMENT FACILITY DRIVEWAY	726236	ELECTRIC	AMEREN ELECTRIC	ANCHOR
750	769' W OF RT 3 NORTH OF MESD TREATMENT FACILITY DRIVEWAY	726237	ELECTRIC	AMEREN ELECTRIC	
751	529' W OF RT 3 NORTH OF MESD TREATMENT FACILITY DRIVEWAY	NO TAG	ELECTRIC	AMEREN ELECTRIC	
752	283' W OF RT 3 NORTH OF MESD TREATMENT FACILITY DRIVEWAY	726239	ELECTRIC	AMEREN ELECTRIC	

UNKNOWN
ABANDONED SANITARY
FORCE MAIN
FORCE MAIN (QL "D")
CABLE TV
TELEPHONE
GAS
GAS (QL "D")
ELECTRIC
WATER
WATER (QL "D")
FIBER OPTIC
FIBER OPTIC (QL "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

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. IL09500601,602,603,604,607,608,609,610
SUE Plan Page: 34 of 35

FILE NAME =	USER NAME =	DESIGNED EG, IP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project
$FILEL$	PLOT SCALE = 1" = 50'	DRAWN KLC	REVISED 3/26/10 ADDED TEST HOLES #112-115		SCALE: / SHEET NO. / STA. / TO STA.
	PLOT DATE = $DATE$	CHECKED JB			
		DATE 7/15/10			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	84
PTB NO. 147-038				
FED. ROAD DIST. NO.	ILLINOIS	Job No.: D-98-061-08		

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

GROUP

Checked By:__________
Date:__________

TBE Job No. IL09500601, 602,603,604,607

FILE NAME =	USER NAME =	DESIGNED EG	REVISED
$FILEL$		DRAWN KLC	REVISED
	PLOT SCALE = 1" = 50'	CHECKED JB	REVISED
	PLOT DATE = $DATE$	DATE 2/13/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	85
		PTB NO. 147-038		
FED. ROAD DIST. NO.	ILLINOIS	Job No.: D-98-061-08		

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE &	TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
60	24"	W	14042722.330	2456684.337	414.24'	3.18'	417.42'	UTILITY QUALITY "A"
60A	4"	UNK	14042725.390	2456680.732	409.70'	7.59'	417.29'	UTILITY QUALITY "A"
61	20"	W	14042705.070	2456586.129	412.70'	4.01'	416.71'	UTILITY QUALITY "A"
62	20"	W	14042690.440	2456899.898	415.02'	3.65'	418.67'	UTILITY QUALITY "A"
63	2"	UNK	14042281.530	2456155.952	414.84'	3.61'	418.45'	UTILITY QUALITY "A"
64	36"	W	14042316.230	2456136.414	413.76'	4.43'	418.19'	UTILITY QUALITY "A"
65	2"	UNK	14042314.090	2456133.884	414.84'	3.51'	418.35'	UTILITY QUALITY "A"
66	8"	UNK	14042450.450	2455994.052	414.83'	3.40'	418.23'	UTILITY QUALITY "A"
67	2"	UNK	14042454.430	2455998.409	415.44'	2.85'	418.29'	UTILITY QUALITY "A"
68	4"	UNK	14042457.470	2456002.037	414.82'	3.45'	418.27'	UTILITY QUALITY "A"
69	36"	W	14042464.890	2456012.026	414.96'	3.67'	418.63'	UTILITY QUALITY "A"
70	20"	W	14042286.640	2456154.851	412.22'	6.14'	418.36'	UTILITY QUALITY "A"
71	20"	W	14042241.950	2455615.171	416.05'	5.87'	421.92'	UTILITY QUALITY "A"
72	20"	W	14042232.410	2455517.658	418.91'	4.17'	423.08'	UTILITY QUALITY "A"
73	20"	W	14042156.060	2455213.133	420.68'	4.48'	425.16'	UTILITY QUALITY "A"
74	20"	W	14042120.280	2455122.182	420.08'	6.95'	427.03'	UTILITY QUALITY "A"
75	20"	W	14042531.070	2457205.577	411.43'	3.76'	415.19'	UTILITY QUALITY "A"
76	24"	W	14042583.630	2457375.789	410.73'	2.57'	413.30'	UTILITY QUALITY "A"
77	4"	FOC	14042590.660	2457382.922	410.40'	3.30'	413.70'	UTILITY QUALITY "A"
78	(2)2"	FOC	14042604.670	2457401.268	409.76'	3.79'	413.55'	UTILITY QUALITY "A"
79	(2)2"	FOC	14042433.810	2457556.975	406.63'	7.50'	414.13'	UTILITY QUALITY "A"
80	4"	FOC	14042430.280	2457546.292	407.51'	6.27'	413.78'	UTILITY QUALITY "A"
81	*36"	W	14042421.610	2457539.600	410.78'	2.75'	413.53'	UTILITY QUALITY "A"
82	UNK	W	14041858.440	2456590.499	411.89'	4.38'	416.27'	SEE NOTE
83	30"	W	14041843.460	2456585.801	411.68'	4.99'	416.67'	UTILITY QUALITY "A"
84	30"	W	14041740.290	2456692.758	410.76'	4.22'	414.98'	UTILITY QUALITY "A"
85	24"	W	14041730.210	2456681.592	410.71'	5.75'	416.46'	UTILITY QUALITY "A"
86	30"	W	14041566.250	2456872.950	408.39'	7.94'	416.33'	UTILITY QUALITY "A"
87	*36"	FM	14038424.830	2459419.559	413.15'	5.95'	419.10'	UTILITY QUALITY "A"
88	24"	E	14043097.290	2458118.122	409.90'	2.43'	412.33'	UTILITY QUALITY "A"
89	17"	E	14043051.720	2457749.264	413.05'	3.58'	416.63'	UTILITY QUALITY "A"
90	12"	FM	14038436.480	2459376.954	412.23'	7.27'	419.50'	UTILITY QUALITY "A"
90A	12"	FM	14038435.290	2459376.674	412.21'	7.25'	419.46'	UTILITY QUALITY "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE &	TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
91	12"	FM	14038473.320	2459293.127	414.50'	4.29'	418.79'	UTILITY QUALITY "A"
91A	12"	FM	14038471.500	2459292.633	414.50'	4.22'	418.72'	UTILITY QUALITY "A"
92	12"	FM	14038504.490	2459205.834	415.49'	1.90'	417.39'	UTILITY QUALITY "A"
92A	12"	FM	14038503.100	2459205.251	415.58'	1.91'	417.49'	UTILITY QUALITY "A"
93	36"	FM	14038733.720	2458735.084	407.51'	6.87'	414.38'	UTILITY QUALITY "A"
94	12"	FM	14039149.340	2458190.417	408.41'	5.80'	414.21'	UTILITY QUALITY "A"
94A	12"	FM	14039151.160	2458191.975	408.38'	6.12'	414.50'	UTILITY QUALITY "A"
95	12"	W	14040384.740	2456656.310	409.58'	3.88'	413.46'	UTILITY QUALITY "A"
96	10"	W	14039395.970	2457628.719	409.76'	3.90'	413.66'	UTILITY QUALITY "A"
97	12"	W	14040977.440	2456072.467	409.99'	4.94'	414.93'	UTILITY QUALITY "A"
98	6"	W	14040949.580	2456102.818	409.77'	4.89'	414.66'	UTILITY QUALITY "A"
99	12"	W	14040968.400	2456092.057	410.09'	4.55'	414.64'	UTILITY QUALITY "A"
100	6"	W	14040514.240	2457280.956	410.83'	3.86'	414.69'	UTILITY QUALITY "A"
101	24"	W	14041552.710	2456856.617	410.17'	7.13'	417.30'	UTILITY QUALITY "A"
102	36"	W	14042207.970	2456242.068	412.43'	7.34'	419.77'	UTILITY QUALITY "A"
103	8"	UNK	14042191.050	2456241.155	414.57'	5.03'	419.60'	UTILITY QUALITY "A"
104	8"	SAN	14044643.210	2454401.789	412.73'	6.11'	418.84'	UTILITY QUALITY "A"
105	12"	SAN	14044443.800	2454701.565	412.75'	4.88'	417.63'	UTILITY QUALITY "A"
106	12"	SAN	14044163.280	2454980.991	412.62'	3.99'	416.61'	UTILITY QUALITY "A"
107	10"	SAN	14044683.950	2454353.616	415.65'	3.63'	419.28'	UTILITY QUALITY "A"
108	8"	SAN	14044685.280	2454352.426	413.15'	6.13'	419.28'	UTILITY QUALITY "A"

NOTES

* TH #81 - RECORDS SHOW A 24" WATER MAIN BUT WE EXPOSED A 36" STEEL PIPE WHICH WE BELIEVE COULD BE A CASING FOR THE WATER MAIN.

TH #82 - UNABLE TO EXPOSE UTILITY DUE TO COLLAPSING GRAVEL. BY UTILIZING THE AIR LANCE WE WERE ABLE TO FEEL THE TOP OF PIPE. UTILITY QUALITY LEVEL "B"

* TH #87 - WE EXPOSED A 36" STEEL PIPE WHICH WE BELIEVE TO BE THE CASING FOR THE 2- IDOT WELL DISCHARGE PIPES.

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

GROUP

Checked By:
Date:

TBE Job No. IL09500601.602.603.604.607.608.609

FILE NAME =	USER NAME =	DESIGNED EG	REVISED
$FILEL$		DRAWN KLC	REVISED
	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	86

PTB NO. 147-038

FED. ROAD DIST. NO. | ILLINOIS | Job No.: D-98-061-08

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE		NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
109	12"	W	14039071.270	2458870.762	416.37'	5.80'	410.57'	UTILITY QUALITY LEVEL "A"
110	6"	W	14039113.970	2458692.914	415.48'	3.07'	412.41'	UTILITY QUALITY LEVEL "A"
110A	1.5"	W	14039114.710	2458692.420	415.51'	3.20'	412.31'	UTILITY QUALITY LEVEL "A"
111	10"	FM	14039608.580	2457878.964	397.60'	1.94'	395.66'	UTILITY QUALITY LEVEL "A"
111A	10"	FM	14039608.580	2457878.964	397.60'	3.01'	394.59'	UTILITY QUALITY LEVEL "A"
112	16"	FM	14044181.945	2451425.631	403.80'	2.23'	406.03'	UTILITY QUALITY LEVEL "A"
113	24"	FM	14044195.464	2451426.136	SEE NOTE	SEE NOTE	405.56'	SEE NOTE
114	24"	FM	14044740.055	2451511.310	398.17'	3.56'	401.73'	UTILITY QUALITY LEVEL "A"
115	16"	FM	14044737.878	2451513.982	SEE NOTE	SEE NOTE	402.93'	SEE NOTE
116	16"	FM	14045312.801	2451601.700	SEE NOTE	SEE NOTE	403.44'	SEE NOTE
117	24"	FM	14045315.870	2451595.033	399.70'	1.72'	401.42'	UTILITY QUALITY LEVEL "A"
118	SEE NOTE		14045561.693	2452496.355	SEE NOTE	SEE NOTE	414.82'	SEE NOTE
119	SEE NOTE		14045552.786	2452466.195	SEE NOTE	SEE NOTE	414.43'	SEE NOTE

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS

NOTES

TEST HOLE #111 & #111A - FOUND (2) 10" PIPES ONE STACKED ON TOP OF THE OTHER. REF. POINT WAS PLACED ON CENTER OF BOTH PIPES.

TEST HOLE #113, #115 & #116 - PIPE WAS EXPOSED ABOVE GROUND.

TEST HOLE #118 - DUE TO LARGE AMOUNT OF DEBRIS WE WERE ONLY ABLE TO PROBE TO A DEPTH OF 15.24' AT WHICH POINT WE FELT SOMETHING SOLID BUT COULD NOT VERIFY IF IT WAS THE SEWER.

TEST HOLE #119 - DUE TO LARGE AMOUNT OF DEBRIS WE WERE NOT ABLE TO EXCAVATE PAST 5'. NO UTILITY WAS FOUND.

ABBREVIATIONS

FM = FORCE MAIN
W = WATER MAIN

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Cardno TBE
CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING

REVISIONS	
NAME	DATE

SUE INVESTIGATION OF UNDERGROUND UTILITIES
VERIFIED UTILITY MATRIX

MISSISSIPPI RIVER BRIDGE PROJECT
CONTRACT NO: D-98-061-08

PROJECT NO: IL09500610
DATE: 7/15/10
DRAWN BY: KLC
CHECKED BY: EG
SHEET NO: 1 OF 1

FILE NAME = $FILEL$	USER NAME =	DESIGNED EG	REVISED
	PLOT SCALE = 1" = 50'	DRAWN KLC	REVISED
	PLOT DATE = $DATE$	CHECKED JB	REVISED
		DATE 9/15/09	REVISED

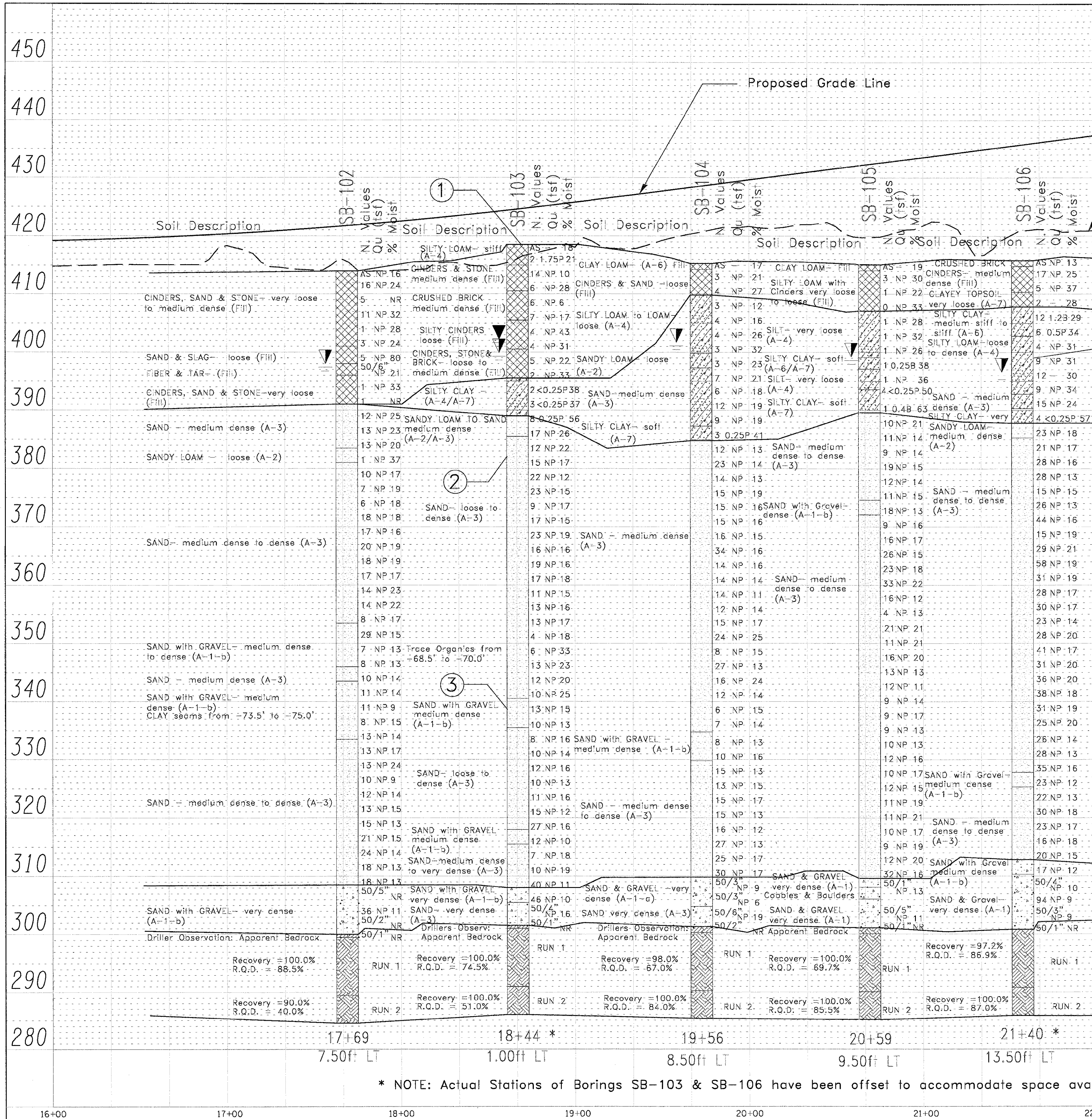
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE: | SHEET NO. | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	345	87

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



* NOTE: Actual Stations of Borings SB-103 & SB-106 have been offset to accommodate space available

	①	②
Boring No./Sample No.:	SB-103/S-2	SB-103/S-16
Depth:	1.0-2.5ft	36.0-37.5ft
Soil Classification:	SILTY LOAM A-4	SAND A-3
Gradation Passing No. 40:	99.4%	59.2%
Gradation Passing No. 100:	97.7%	18.0%
Gradation Passing No. 200:	81.7%	8.7%
Gravel (AASHTO T-88):	0.0%	1.9%
Sand (AASHTO T-88):	18.3%	89.5%
Silt (AASHTO T-88):	67.4%	8.7%
Clay (AASHTO T-88):	14.3%	–
Liquid Limit (AASHTO T-89):	27	–
Plasticity Index (AASHTO T-90):	9	–
Insitu Moisture:	21.0%	17.0%

	③	④
Boring No./Sample No.:	SB-103/S-33	SB-106/S-8
Depth:	78.5-80.0ft	16.0-17.5ft
Soil Classification:	SAND with GRAVEL A-1-b	SILTY CLAY LOAM A-7
Gradation Passing No. 40:	22.0%	98.8%
Gradation Passing No. 100:	9.9%	98.0%
Gradation Passing No. 200:	5.3%	95.2%
Gravel (AASHTO T-88):	21.8%	0.0%
Sand (AASHTO T-88):	72.9%	4.8%
Silt (AASHTO T-88):	5.3%	69.3%
Clay (AASHTO T-88):	–	25.9%
Liquid Limit (AASHTO T-89):	–	43
Plasticity Index (AASHTO T-90):	–	25
Insitu Moisture:	15.0%	31.0%

FILE NAME = 08-0033 TEND 10.CAD\CADD Sheets\08-Soil Profiles-Sht -blog-SB102-106 Ramp A	USER NAME = $USER$	DESIGNED - TSR	REVISED -
		DRAWN - TSR	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -
	PLOT DATE = $DATE$	DATE - 11/10/09	REVISED -

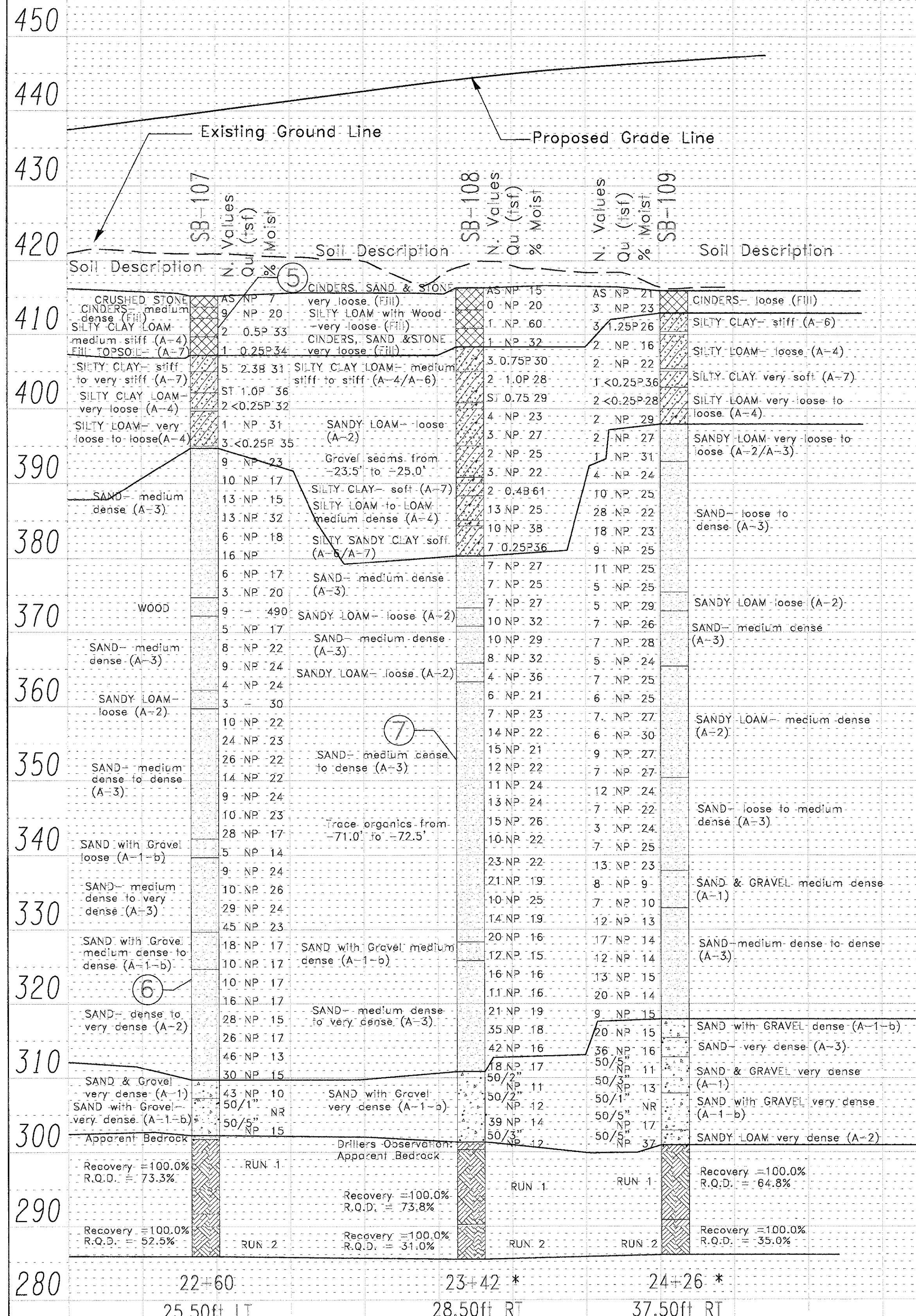
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: ________ SHEET NO. 1 OF 3 SHEETS STA. 16+00 TO STA. 22+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	88
		CONTRACT NO. _____		

ILLINOIS FED. AID PROJECT



* NOTE: Actual Stations of Borings SB-108 & SB-109 have been offset to accommodate space available

(5) (6)

Boring No./Sample No.:	SB-107/S-3	SB-107/S-39
Depth:	3.5-5.0ft	93.5-95.0ft
Soil Classification:	LOAM A-4	SAND A-2
Gradation Passing No. 40:	98.3%	22.0%
Gradation Passing No. 100:	92.1%	9.8%
Gradation Passing No. 200:	62.8%	6.5%
Gravel (AASHTO T-88)	0.0%	4.8%
Sand (AASHTO T-88):	37.2%	88.7%
Silt (AASHTO T-88):	47.9%	6.5%
Clay (AASHTO T-88):	15.0%	–
Liquid Limit (AASHTO T-89):	29	–
Plasticity Index (AASHTO T-90):	8	–
Insitu Moisture:	33.0%	17.0%

(7)

Boring No./Sample No.:	SB-108/S-27
Depth:	63.5-65.0ft
Soil Classification:	SAND A-3
Gradation Passing No. 40:	98.9%
Gradation Passing No. 100:	18.0%
Gradation Passing No. 200:	7.3%
Gravel (AASHTO T-88)	0.2%
Sand (AASHTO T-88):	92.5%
Silt (AASHTO T-88):	7.3%
Clay (AASHTO T-88):	–
Liquid Limit (AASHTO T-89):	–
Plasticity Index (AASHTO T-90):	–
Insitu Moisture:	22.0%

23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00

FILE NAME = 28-0033 TENG 10_CADD\Sheets\D8-Soil Profiles-sht-blog SB102-109 Ramp A
USER NAME = $USER$ PLOT SCALE = $SCALE$ PLOT DATE = $DATE$
DESIGNED TSR DRAWN TSR CHECKED MDM DATE 11/10/09
REVISED - REVISED - REVISED - REVISED -

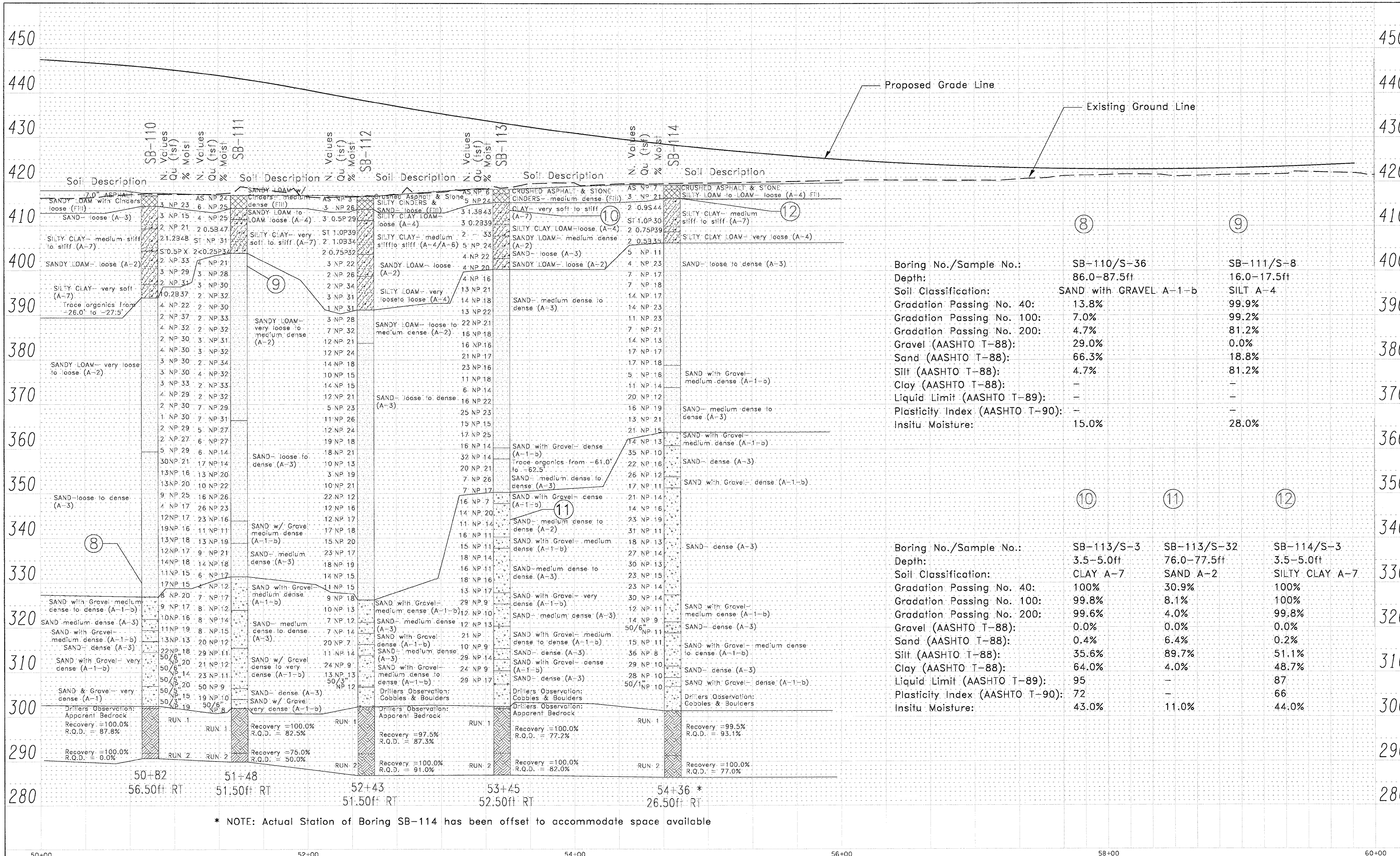
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. 22+50 TO STA. 26+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	89

CONTRACT NO.
ILLINOIS FED. AID PROJECT



	⑧	⑨
Boring No./Sample No.:	SB-110/S-36	SB-111/S-8
Depth:	86.0-87.5ft	16.0-17.5ft
Soil Classification:	SAND with GRAVEL A-1-b	SILT A-4
Gradation Passing No. 40:	13.8%	99.9%
Gradation Passing No. 100:	7.0%	99.2%
Gradation Passing No. 200:	4.7%	81.2%
Gravel (AASHTO T-88):	29.0%	0.0%
Sand (AASHTO T-88):	66.3%	18.8%
Silt (AASHTO T-88):	4.7%	81.2%
Clay (AASHTO T-88):	–	–
Liquid Limit (AASHTO T-89):	–	–
Plasticity Index (AASHTO T-90):	–	–
Insitu Moisture:	15.0%	28.0%

	⑩	⑪	⑫
Boring No./Sample No.:	SB-113/S-3	SB-113/S-32	SB-114/S-3
Depth:	3.5-5.0ft	76.0-77.5ft	3.5-5.0ft
Soil Classification:	CLAY A-7	SAND A-2	SILTY CLAY A-7
Gradation Passing No. 40:	100%	30.9%	100%
Gradation Passing No. 100:	99.8%	8.1%	100%
Gradation Passing No. 200:	99.6%	4.0%	99.8%
Gravel (AASHTO T-88):	0.0%	0.0%	0.0%
Sand (AASHTO T-88):	0.4%	6.4%	0.2%
Silt (AASHTO T-88):	35.6%	89.7%	51.1%
Clay (AASHTO T-88):	64.0%	4.0%	48.7%
Liquid Limit (AASHTO T-89):	95	–	87
Plasticity Index (AASHTO T-90):	72	–	66
Insitu Moisture:	43.0%	11.0%	44.0%

* NOTE: Actual Station of Boring SB-114 has been offset to accommodate space available

FILE NAME = 08-0033 TENG 10.CADD\Cadd Sheets\0-8-Soil Profiles-sht-blog-SB114-119	USER NAME = $USER$	DESIGNED TSR	REVISED -
		DRAWN TSR	REVISED -
	PLOT SCALE = $SCALE$	CHECKED MDM	REVISED -
	PLOT DATE = $DATE$	DATE 11/10/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

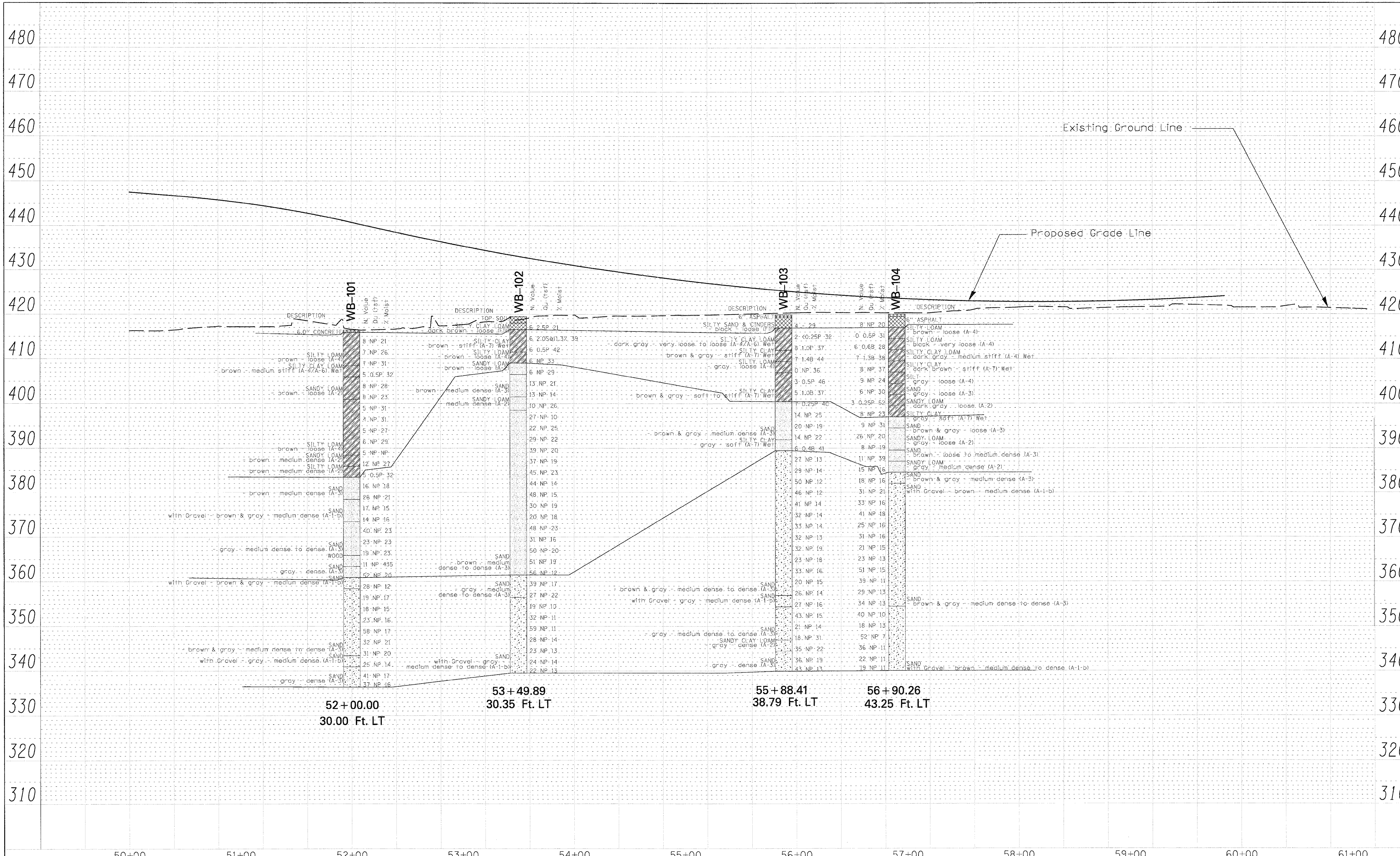
SOIL PROFILE

SCALE: | SHEET NO. 3 OF 4 SHEETS | STA. 50+00 TO STA. 60+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	90

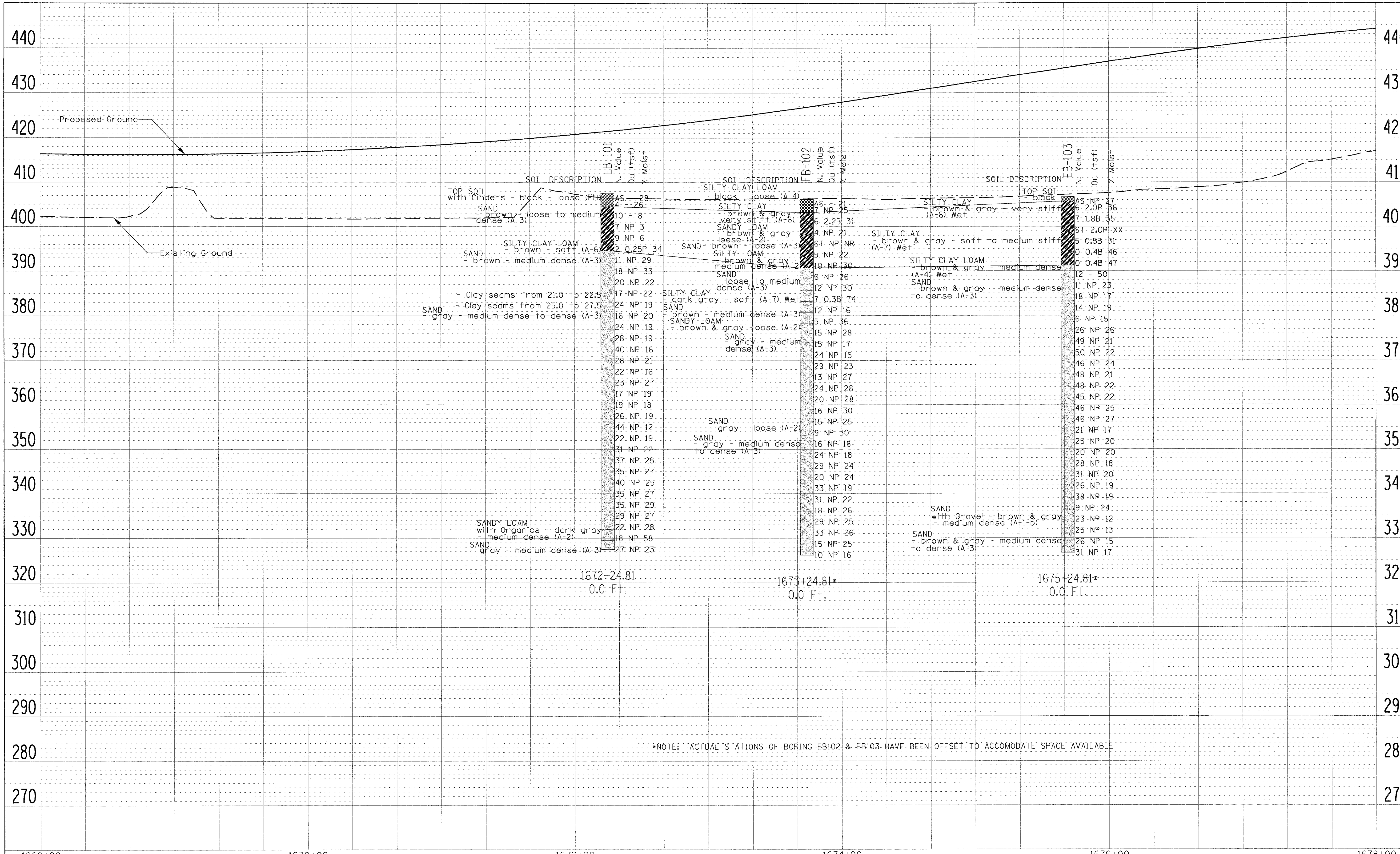
CONTRACT NO.

ILLINOIS | FED. AID PROJECT

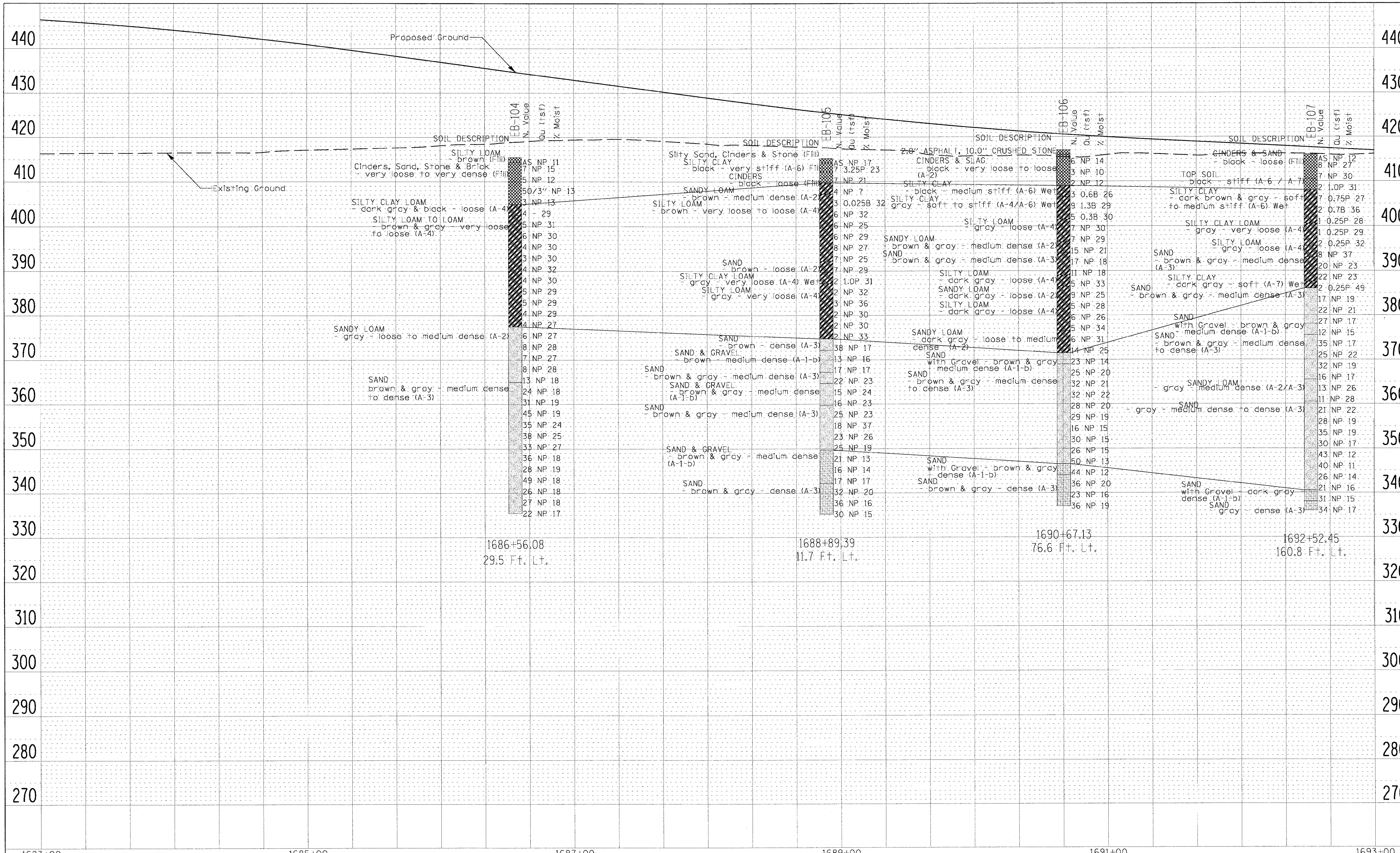


FILE NAME = 08-0033TENG 10_CADD\CADD Sheets\08-Soil Profiles-sht-blog-WB101-104	USER NAME = $USER$	DESIGNED - CHA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL PROFILES	F.A. RTE. 998	SECTION	COUNTY ST.CLAIR; TOTAL SHEETS 345; SHEET NO. 91
		DRAWN - CHA	REVISED -					
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -					CONTRACT NO.
	PLOT DATE = $DATE$	DATE - 11/11/09	REVISED -		SCALE: SHEET NO. 4 OF 4 SHEETS STA. 50+00 TO STA. 61+00		ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.P. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO.
PROFILE	SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D / NOTE BOOK / NO.



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - SMS	REVISED - SMS 5/27/2010	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SOIL PROFILE**	F.A.I. RTE. 70
		DRAWN - SMS	REVISED -			SECTION
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -		SCALE:	COUNTY ST. CLAIR
	PLOT DATE = $DATE$	DATE - 11/25/2009	REVISED -		SHEET NO. 1 OF 2 SHEETS	TOTAL SHEETS 345
					STA. 1668+00 TO STA. 1678+00	SHEET NO. 92
						CONTRACT NO.
						ILLINOIS FED. AID PROJECT



FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - SMS	REVISED - SMS 5/27/2010	
		DRAWN - SMS	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/25/2009	REVISED -	

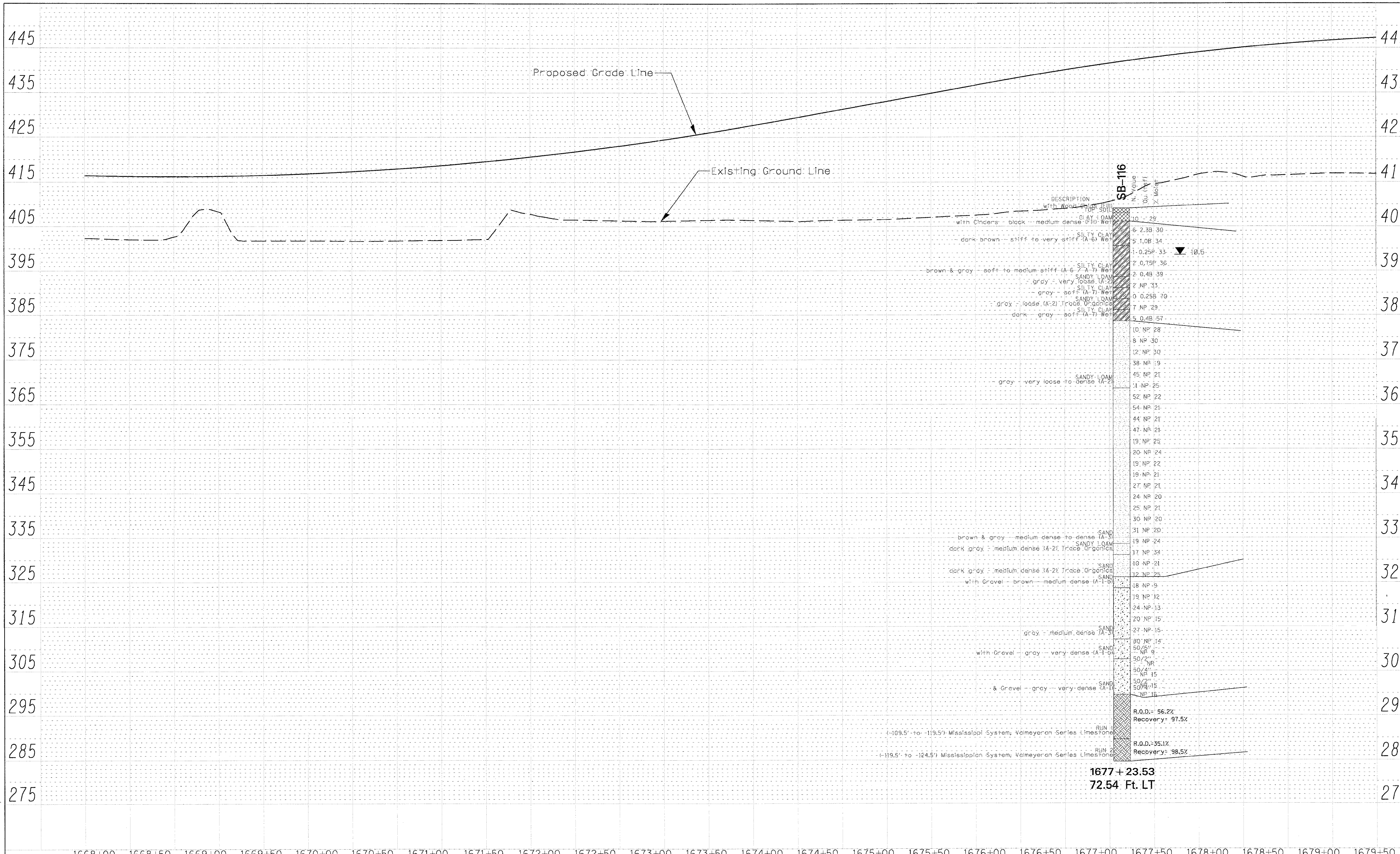
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. 1683+00 TO STA. 1693+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		ST. CLAIR	345	93
		CONTRACT NO.		

ILLINOIS FED. AID PROJECT



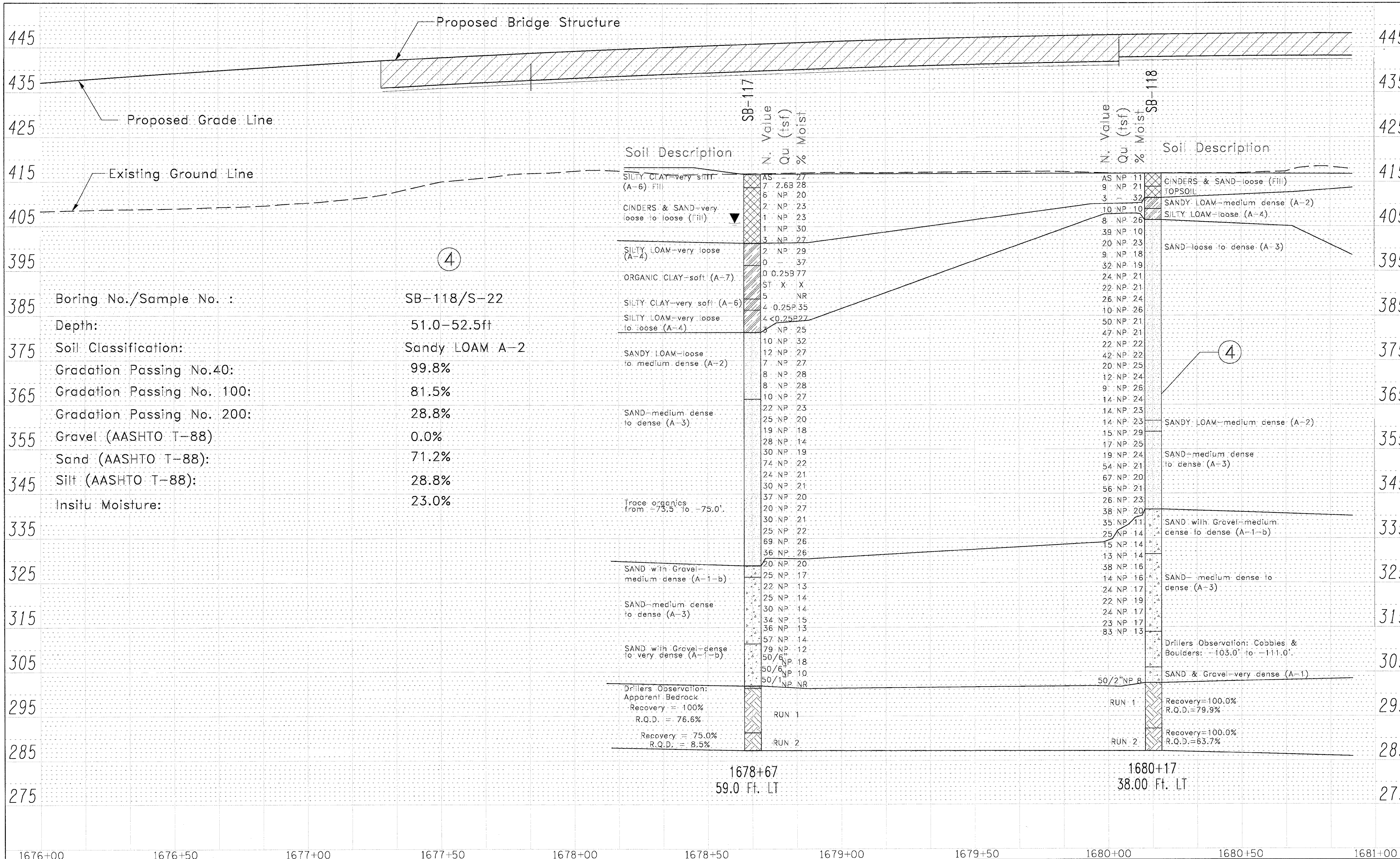
FILE NAME = 08-0033TENG 10_CADD\CADD Sheets\08-Soil Profiles sht-blog-SB116 and SB122	USER NAME = $USER$	DESIGNED - CHA	REVISED -
		DRAWN - CHA	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -
	PLOT DATE = $DATE$	DATE - 11/11/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: | SHEET NO. 1 OF 8 SHEETS | STA.1668+00 TO STA.1679+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	94
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



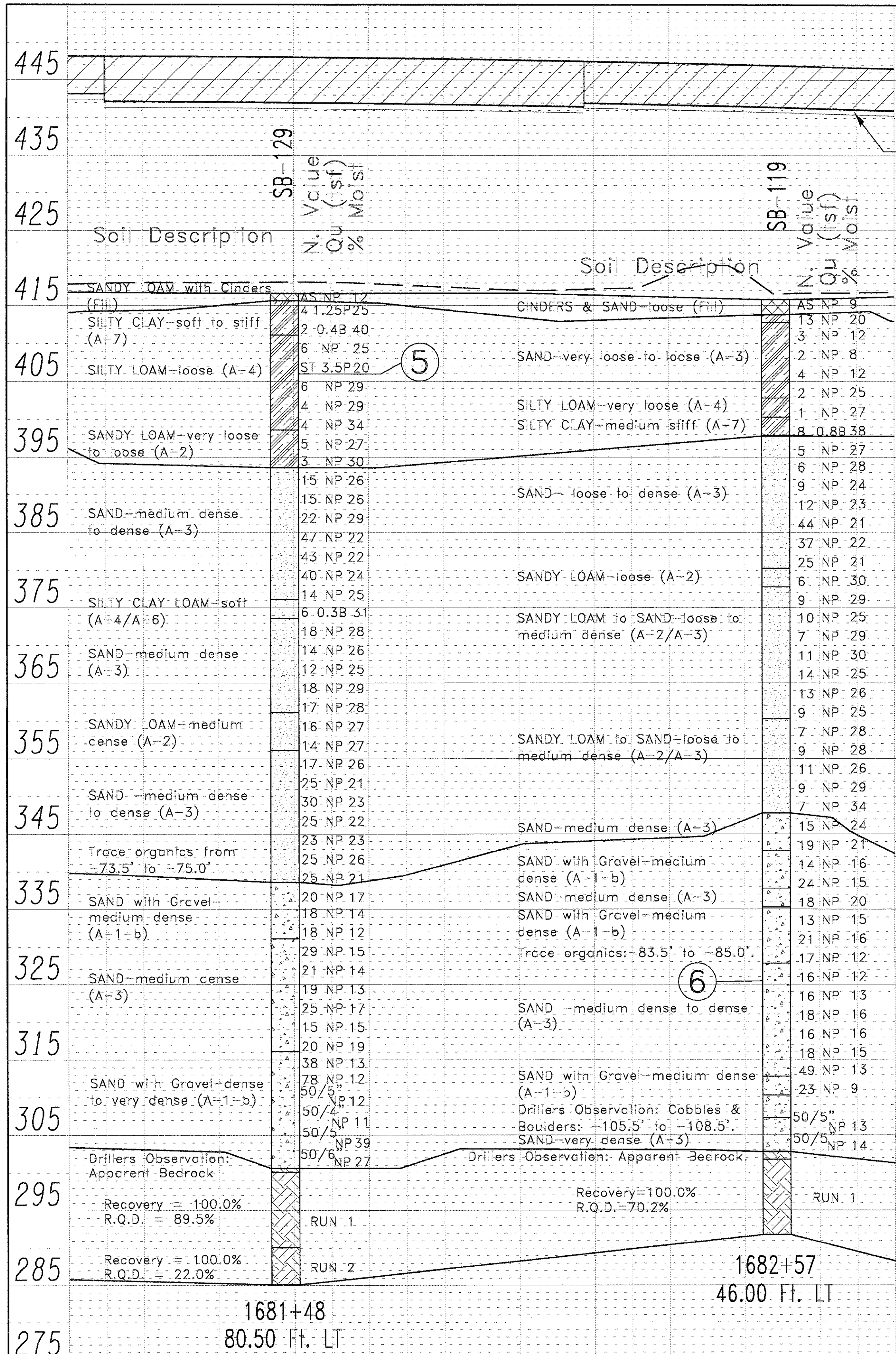
FILE NAME : P:08-0033 TENG-PTB 090-160 I-70 NMRB IL Approach_CAD\CADD Sheets	USER NAME = $USER$	DESIGNED - TSR	REVISED -
	PLOT SCALE = $SCALE$	DRAWN - TSR	REVISED -
	PLOT DATE = $DATE$	CHECKED - MDM	REVISED -
		DATE - 11/10/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: SHEET NO. 2 OF 8 SHEETS STA. 1678+00 TO STA. 1681+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	95
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



(5)

Boring No./Sample No.:	SB-129 / S-7
Depth:	13.5-15.0 ft
Soil Classification:	SILT A-4
Gradation Passing No. 40:	99.8%
Gradation Passing No. 100:	97.4%
Gradation Passing No. 200:	88.8%
Gravel (AASHTO T-88):	0.0%
Sand (AASTHO T-88):	11.2%
Silt (AASHTO T-88):	80.9%
Clay (AASHTO T-88):	8.0%
Liquid Limit (AASHTO T-89):	28
Plasticity Index (AASHTO T-90):	6
Insitu Moisture:	29.0%

(6)

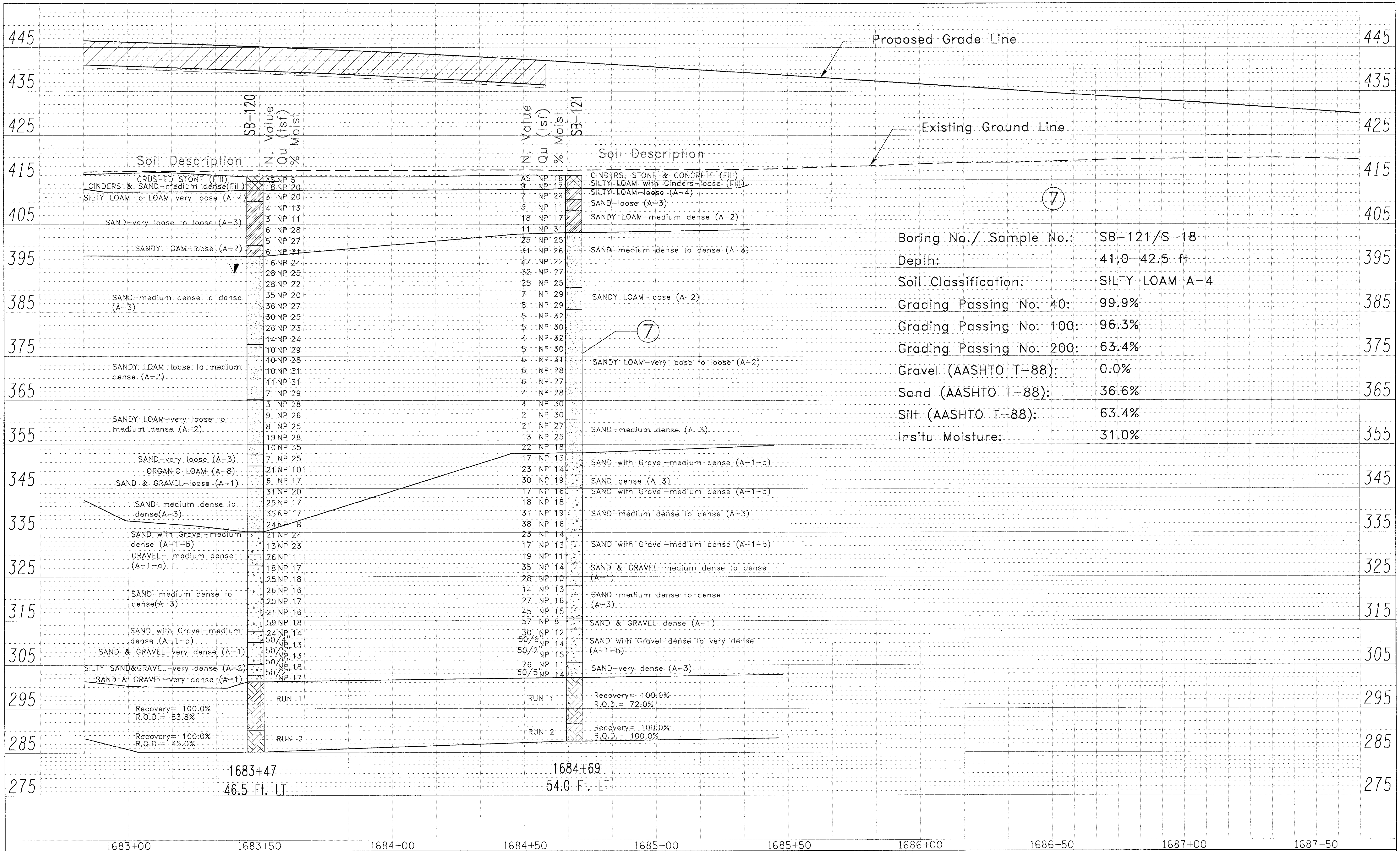
Boring No./Sample No.:	SB-119 / S-41
Depth:	98.5-100.0 ft
Soil Classification:	SAND & GRAVEL A-1-b
Gradation Passing No. 40:	16.6%
Gradation Passing No. 100:	6.9%
Gradation Passing No. 200:	4.0%
Gravel (AASHTO T-88):	30.1%
Sand (AASTHO T-88):	65.9%
Silt (AASHTO T-88):	4.0%
Insitu Moisture:	15.0%

445 435 425 415 405 395 385 375 365 355 345 335 325 315 305 295 285 275

1681+00 1681+50 1682+00 1682+50 1683+00 1683+50 1684+00 1684+50 1685+00 1685+50 1686+00

FILE NAME : P:\0033 TENG-PTB 090-160 I-70 NMRB IL Approach.CAD\CADD Sheets	USER NAME = $USER$	DESIGNED - TSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL PROFILE
		DRAWN - TSR	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -		
	PLOT DATE = $DATE$	DATE - 11/10/09	REVISED -		SCALE: SHEET NO. 3 OF 8 SHEETS STA. 1681+00 TO STA. 1683+00

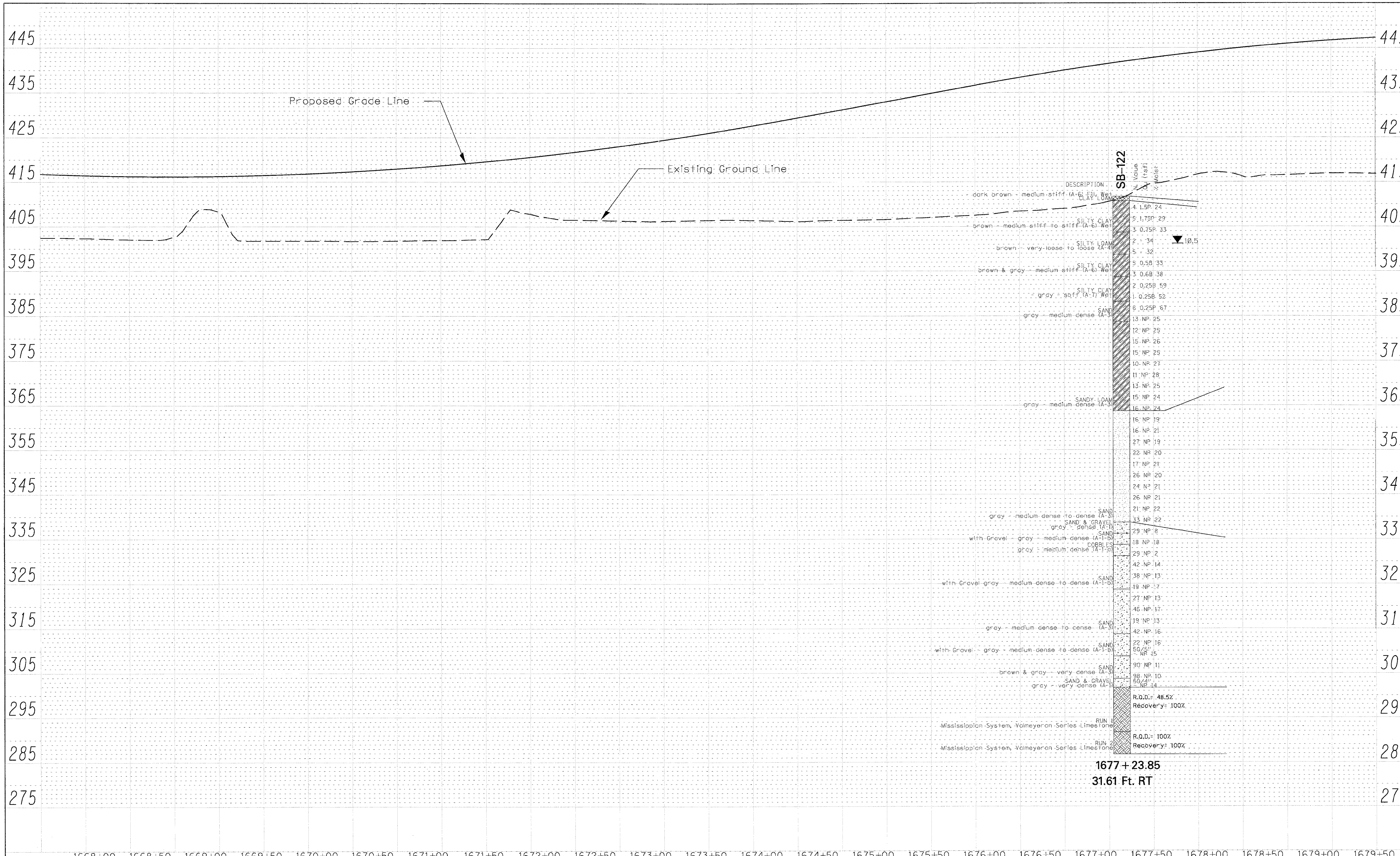
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	96
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



PLAN | NOTE BOOK NO. ___ | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R.O.W. CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK NO. ___ | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

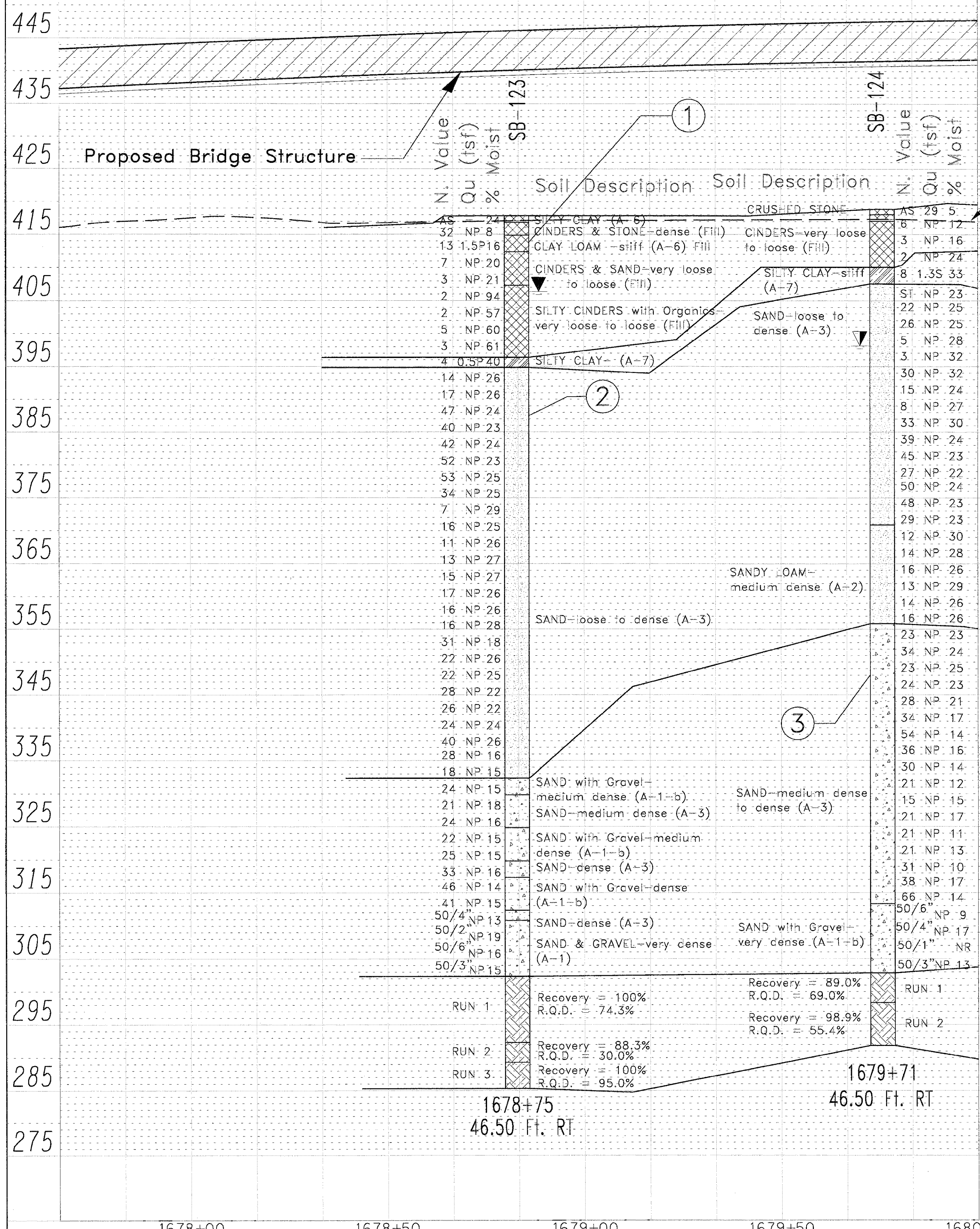
FILE NAME : P:-0033 TENG-PTB 890-160 I-70 NMRB IL Approach_CAD\CADD Sheets	USER NAME = $USER$	DESIGNED - TSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL PROFILE	F.A. RTE. 998 · SECTION · COUNTY ST. CLAIR · TOTAL SHEETS 345 · SHEET NO. 97
		DRAWN - TSR	REVISED -			CONTRACT NO. ____
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -		SCALE: _ · SHEET NO. 4 OF 8 SHEETS · STA. 1683+00 TO STA. 1687+50	ILLINOIS FED. AID PROJECT
	PLOT DATE = $DATE$	DATE - 11/10/09	REVISED -			



FILE NAME = 08-0033TENG 10_CADD\CADD Sheets\08-Soil Profiles sht-blog-SB116 and SB122	USER NAME = $USER$	DESIGNED - CHA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - CHA	REVISED -	
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -	
	PLOT DATE = $DATE$	DATE - 11/11/09	REVISED -	

SOIL PROFILE		
SCALE:	SHEET NO. 5 OF 8 SHEETS	STA. 1688+00 TO STA. 1679+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	98
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



	①	②
Boring No./Sample No. :	SB-123/S-3	SB-123/S-13
Depth:	3.5-5.0ft	28.5-30.0ft
Soil Classification:	Sandy Loam w/Gravel A-2-4	Sandy LOAM A-2
Gradation Passing No.40:	55.0%	99.5%
Gradation Passing No. 100:	40.5%	79.0%
Gradation Passing No. 200:	33.9%	21.7%
Gravel (AASHTO T-88)	19.4%	0.0%
Sand (AASHTO T-88):	46.8%	78.3%
Silt (AASHTO T-88):	29.0%	21.7%
Clay (AASHTO T-88):	4.8%	–
Liquid Limit (AASHTO T-89):	29	–
Plasticity Index (AASHTO T-90):	7	
Insitu Moisture:	16.0%	24.0%

	③
Boring No./Sample No. :	SB-124/S-30
Depth:	71.0-72.5ft
Soil Classification:	SAND A-2
Gradation Passing No.40:	99.8%
Gradation Passing No. 100:	40.0%
Gradation Passing No. 200:	12.4%
Gravel (AASHTO T-88)	0.0%
Sand (AASHTO T-88):	87.6%
Silt (AASHTO T-88):	12.4%
Clay (AASHTO T-88):	23.0%
Liquid Limit (AASHTO T-89):	
Plasticity Index (AASHTO T-90):	
Insitu Moisture:	

445 435 425 415 405 395 385 375 365 355 345 335 325 315 305 295 285 275

1680+50 1681+00 1681+50 1682+00 1682+50

FILE NAME : P:-0033 TENG-PTB 890-160 I-70 NMRB IL Approach_CAD\CADD Sheets
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$
DESIGNED - TSR
DRAWN - TSR
CHECKED - MDM
DATE - 11/10/09
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

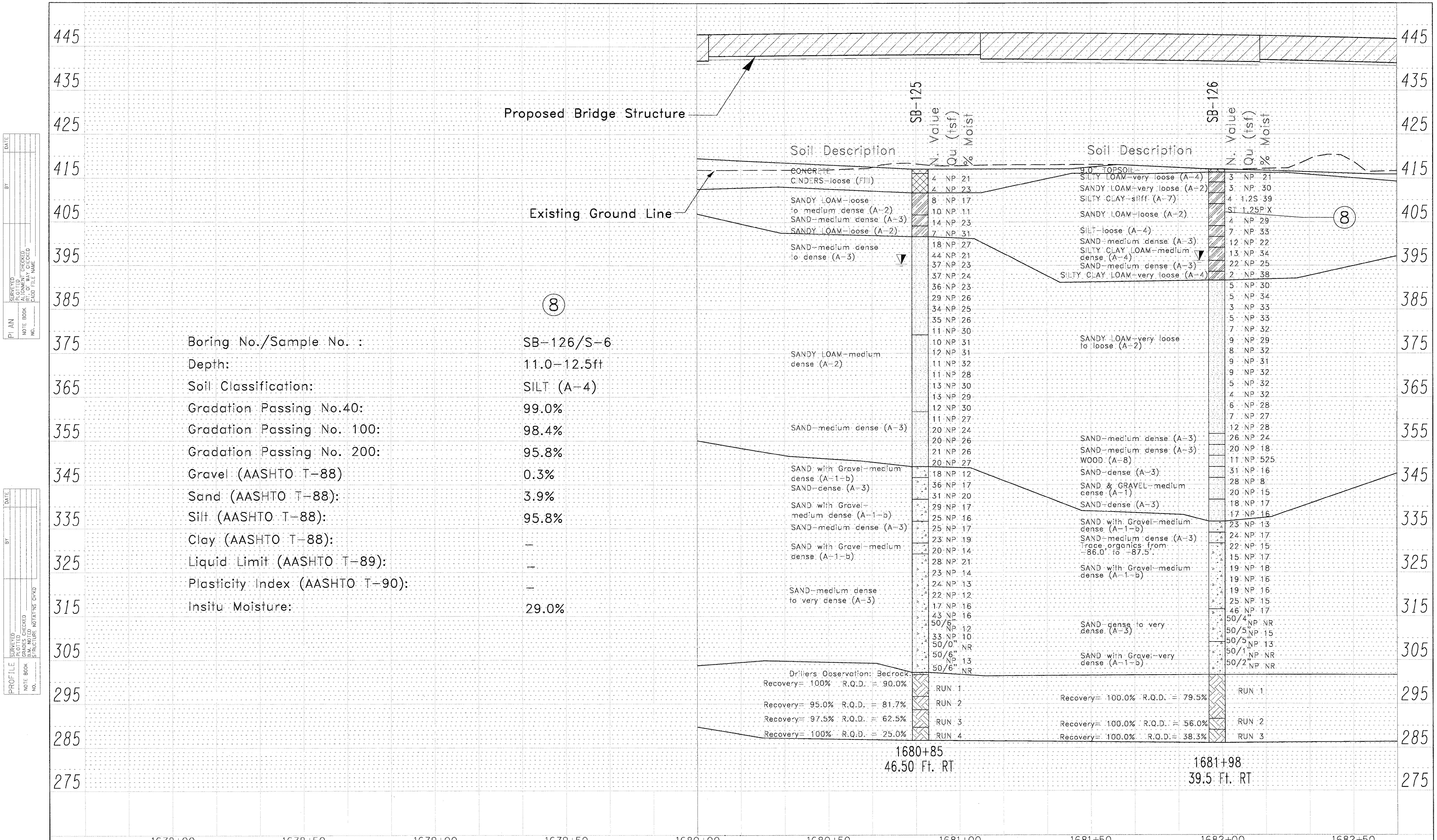
SCALE: SHEET NO. 6 OF 8 SHEETS STA. 1678+00 TO STA. 1680+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	99
		CONTRACT NO.		

ILLINOIS FED. AID PROJECT

PLAN NOTE BOOK NO. SURVEYED PLOTTED ALIGNMENT CHECKED R/T OF WAY CHECKED CADD FILE NAME BY DATE

PROFILE NOTE BOOK NO. SURVEYED PLOTTED GRADES CHECKED BM. NOTED STRUCTURE NOTATNS CHKD BY DATE



FILE NAME : P:+-0033 TFNG-PTB 890-160 I-70 NMRB IL Approach_CADD\CADD Sheets	USER NAME = $USER$	DESIGNED - TSR	REVISED -
		DRAWN - TSR	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - MDM	REVISED -
	PLOT DATE = $DATE$	DATE - 11/10/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: | SHEET NO. 7 OF 8 SHEETS | STA. 1680+00 TO STA. 1682+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998		ST. CLAIR	345	100
		CONTRACT NO.		

ILLINOIS FED. AID PROJECT