

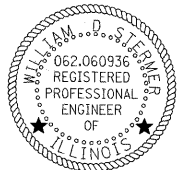
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/64	82-1L	ST. CLAIR	60*	1
D-98-058-08			*60+7 = 67	

FOR INDEX OF DRAWINGS AND HIGHWAY STANDARDS SEE SHEET NO. 2

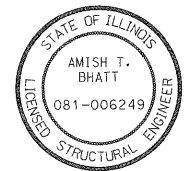
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROPOSED HIGHWAY PLANS



*Danny B. Manojlovski* 1/3/11  
**DANNY B. MANOJLOVSKI** DATE  
 LICENSE EXPIRES 11/30/2011  
 SHEET RANGE 7-13



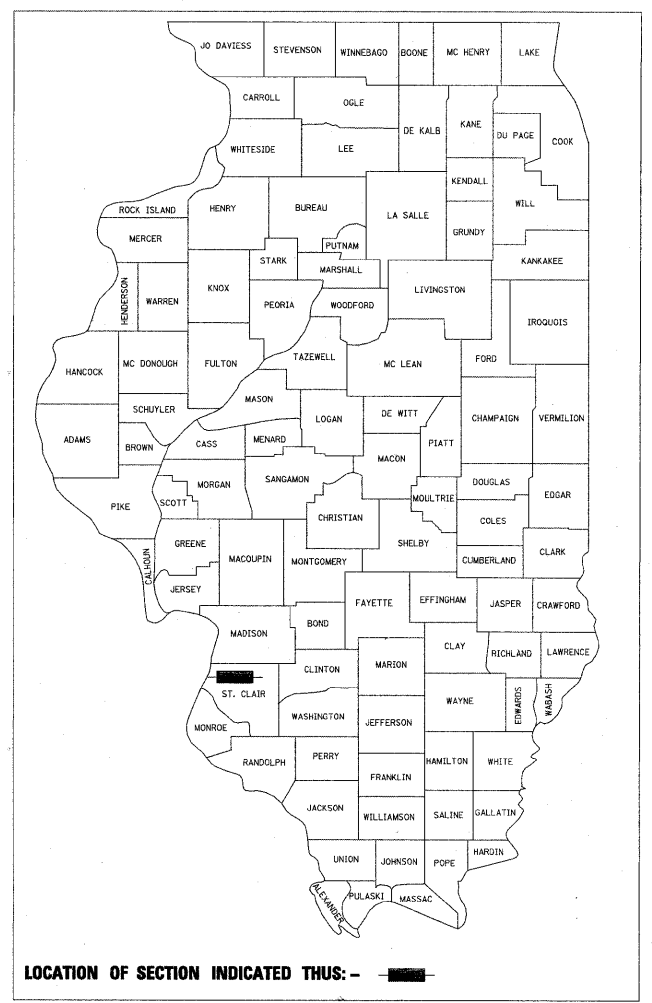
*William D. Stermer* 01/03/11  
**WILLIAM D. STERMER** DATE  
 LICENSE EXPIRES 11/30/2011  
 SHEET RANGE 1-6, 32-35, 37-60



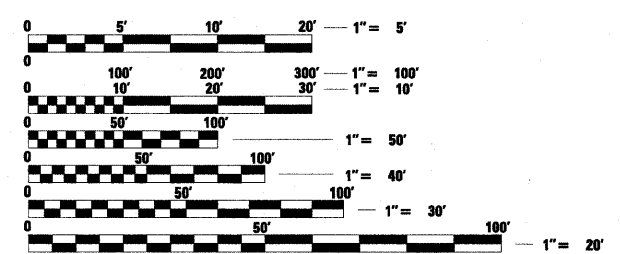
*Amish T. Bhatt* 4/3/11  
**AMISH T. BHATT** DATE  
 LICENSE EXPIRES 11/30/2012  
 SHEET RANGE 36

F.A.I. ROUTES 55/64/70  
 SECTION 82-1L  
 I-55/70 FROM B&O RR TO IL-3,  
 I-64 FROM 18TH STREET TO I-55  
 LIGHTING  
 ST. CLAIR COUNTY  
 D-98-058-08  
 C-98-004-11

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	0.0 Acres
Approximate Location of Roadway is :	
Longitude	90° 08' 16.87" W
Latitude	38° 37' 38.02" N



MICROFILMED \_\_\_\_\_  
 REEL NUMBER \_\_\_\_\_  
 AWARDED \_\_\_\_\_  
 RESIDENT ENGINEER \_\_\_\_\_  
 AS BUILT CHANGES WERE MADE  
 ON THE FOLLOWING SHEETS

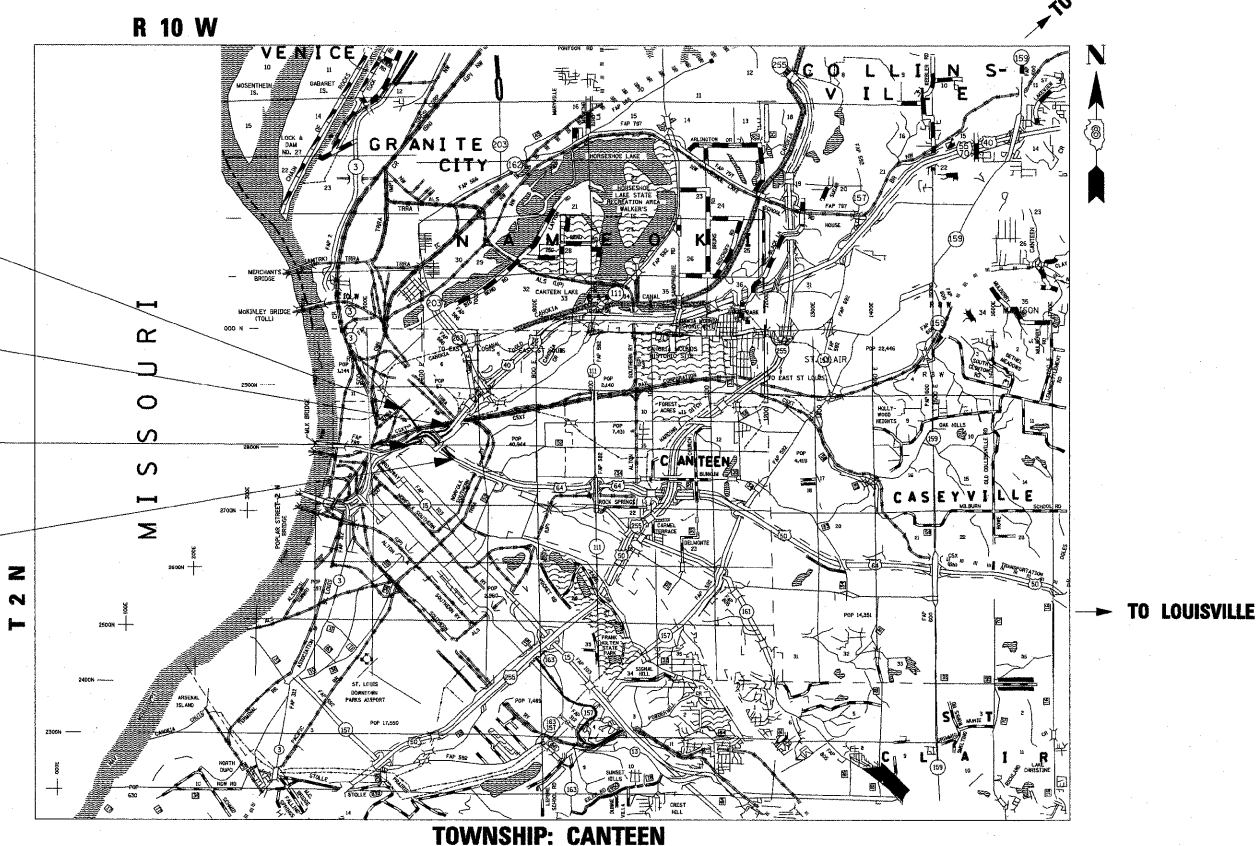


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER MIKE PRITCHETT**  
**SQUAD LEADER CHAD SANDERS**  
**CONTRACT NO. 76C54**

- BEGIN I-70  
1ST STREET
- END I-55  
STA. 93+00 (NB I-55 BL)
- BEGIN I-55  
STA. 62+00 (NB I-55 BL)
- END I-64  
18TH STREET



GROSS LENGTH = 9,300 FT (1.76 MILES)  
 NET LENGTH = 9,300 FT (1.76 MILES)



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED Feb 7 20 11  
My Chami  
 DEPUTY DIRECTOR OF HIGHWAY, REGION ENGINEER

March 05 20 11  
Scott E. Stitt, P.E.  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

March 05 20 11  
Christine M. Reed  
 DIRECTOR, DIVISION OF HIGHWAYS

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



**INDEX OF SHEETS**

SHEET NUMBER	DRAWING TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND HIGHWAY STANDARDS
3-4	GENERAL NOTES / COMMITMENTS
5-6	SUMMARY OF QUANTITIES
7-13	ALIGNMENT, TIES AND BENCHMARKS
14-31	UTILITY LOCATION PLANS
32	ELECTRICAL SYMBOLS AND ABBREVIATIONS (ME-01)
33	TEMPORARY POWER AND WOOD POLE DETAILS (ME-02)
34	LIGHTING CONTROLLER BASE MOUNTED, 480V (ME-03)
35	MISCELLANEOUS ELECTRICAL DETAILS (ME-04)
36	HIGH MAST TOWER FOUNDATION SCHEDULE (ES-01)
37	ROADWAY LIGHTING STAGING
OMIT	LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION (EL-01 NOT USED)
38-45	LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION (EL-02 THRU EL-09)
46-53	LIGHTING PLANS PROPOSED WORK (RL-01 THRU RL-08)
54-58	UNDERPASS LIGHTING PLANS (UL-01 THRU UL-05)
59-60	SINGLE LINE DIAGRAMS (SL-01 AND SL-02)
<b>IDOT ELECTRICAL STANDARDS</b>	
LGT002B	CONDUIT EXITING PARAPET ON APPROACH PAVEMENT
LGT008	POLE STANDARDS
LGT008A	POLE HANDHOLE WIRING
LGT017	DETAIL FOR NIGHTTIME LIGHTING INSPECTION
LGT018	LIGHT POLE MOUNTED ON CONCRETE PARAPET
LGT018A	POLE MOUNTED ON BRIDGE PARAPET
LGT019	UNDERPASS LIGHTING

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701421-03	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701451-01	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-01	PARTIAL EXIT RAMP CLOSURE FREEWAY /EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
835001	LIGHT TOWER
836001	LIGHT POLE FOUNDATION
837001	LIGHT TOWER FOUNDATION

**GENERAL NOTES**

1. THE OFFSETS TO ALL HIGH MAST TOWERS AND CONVENTIONAL LIGHT POLES ADJACENT TO CURBED ROADWAYS ARE MEASURED FROM THE CENTER OF THE FOUNDATION TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
2. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
3. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PUBLIC PROPERTY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
6. ALL BASELINES AND CENTERLINES (ALIGNMENTS) SHOWN ON THE PLANS ARE FOR THE FINAL ROADWAY GEOMETRY. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL STATIONS, OFFSETS AND DIMENSIONS MEASURED FROM THESE ALIGNMENTS WITH THE OTHER CONSTRUCTION CONTRACT NUMBERS 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75 AND 76C76 TO ENSURE THE PROPER INSTALLATION LOCATIONS AND ELEVATIONS OF ALL ELECTRICAL EQUIPMENT WITH RESPECT TO THE FINAL ROADWAY GEOMETRY IN EACH CIVIL CONTRACT.
7. ALL 4-INCH SCHEDULE 80 PVC CONDUIT SLEEVES PUSHED OR BORED UNDER PAVEMENT SHALL BE INSTALLED A MINIMUM OF 45 INCHES BELOW FINISHED GRADE TO AVOID CONFLICTS WITH THE UNDER DRAINS UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE SLEEVES SHALL BE INSTALLED DEEPER IF REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES AND DRAINAGE STRUCTURES AT NO ADDITIONAL COST TO IDOT.
8. GRADE AN 18-INCH DIAMETER LEVEL AREA (NO SLOPE) OF COMPACTED EARTH AROUND THE HIGH MAST TOWER FOUNDATION AS SHOWN ON IDOT STANDARD 837001. THE WORK TO GRADE AROUND THE TOWER FOUNDATION WILL BE INCLUDED IN THE COST OF THE LIGHT TOWER FOUNDATION PAY ITEM.
9. THE NEW IDOT LIGHTING CONTROLLERS PROVIDED FOR THIS CONTRACT SHALL BE RATED 240/480 VOLTS AC, 1 PHASE, 3 WIRE, WITH ONE 200 AMP MAIN BREAKER AND CONTACTOR. CONTROLLER "1" SHALL HAVE SIX 50 AMP, 2 POLE BRANCH CIRCUIT BREAKERS (2 SPARE). CONTROLLER NO. "25" SHALL HAVE FIVE 50 AMP, 2 POLE BRANCH CIRCUIT BREAKERS (2 SPARE) AND ONE 70 AMP, 2 POLE BRANCH CIRCUIT BREAKER FOR LIGHTING CIRCUIT D. THE ENCLOSURE SHALL HAVE MINIMUM DIMENSIONS OF 50" H X 36" W X 17" D. THE INSULATED BACKER BOARD SHALL BE SIZED ACCORDINGLY. SEE DRAWING ME-03 FOR ADDITIONAL DETAILS.
10. THE SERVICE DISCONNECT SWITCH SHALL BE RATED 480 VOLT AC, 2 POLE, 3 WIRE, 200 AMP, FUSED AT 200 AMP WITH SOLID NEUTRAL IN A NEMA 4X STAINLESS STEEL ENCLOSURE HAVING A LOCKABLE EXTERNAL HANDLE IN THE ON AND OFF POSITIONS. SEE DRAWING ME-03 FOR ADDITIONAL DETAILS.
11. NO COUNTER WEIGHTS SHALL BE INSTALLED ON THE HIGH MAST TOWER RINGS TO BALANCE THE ASSEMBLIES. THE HIGH MAST LUMINAIRES MUST BE INSTALLED ON THE MOUNTING RINGS IN A CONFIGURATION THAT WILL BALANCE THE RING WITHOUT THE NEED FOR COUNTER WEIGHTS.
12. ELECTRIC CABLE ASSEMBLIES INSTALLED IN 4-INCH PVC CONDUIT SLEEVES PUSHED OR BORED UNDER PAVEMENT SHALL BE MEASURED AND PAID FOR UNDER THE "ELECTRIC CABLE ASSEMBLY IN TRENCH, 600V, (EPR-TYPE-TC) 2/C NO. 2 AND NO. 4 GROUND" PAY ITEM.
13. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND ELECTRIC CABLE AND ELECTRIC CONDUCTORS IN CONDUIT OWNED AND MAINTAINED BY IDOT, WHICH ARE IN POSSIBLE CONFLICT WITH CONSTRUCTION OPERATIONS, TO PROTECT THEM FROM DAMAGE PER SECTION 803 OF THE STANDARD SPECIFICATIONS.
14. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES (STORM WATER, WATER, GAS, SEWER, STEAM, ETC.) OWNED AND MAINTAINED BY IDOT, WHICH ARE IN POSSIBLE CONFLICT WITH CONSTRUCTION OPERATIONS, TO PROTECT THEM FROM DAMAGE PER THE "LOCATING UNDERGROUND UTILITIES" SPECIAL PROVISION.
15. AMEREN WILL BE CONSTRUCTING METERING POINTS AS SHOWN. THE CONTRACTOR'S COORDINATION WITH AMEREN ON THIS WORK SHALL BEGIN IMMEDIATELY UPON THE BEGINNING OF THIS CONTRACT BY CONTACTING LANGSTON ROSE AT 618-482-2238 AND REFERENCING AMEREN JOB #31ES045145. THE COST OF THIS COORDINATION SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. AMEREN'S COST TO INSTALL METERING POINTS AND SERVICE CONNECTIONS WILL BE PAID FOR ACCORDING TO SECTION 109.04.
16. COORDINATE THE INSTALLATION OF THE PROPOSED ELECTRICAL CONDUIT RUNS ROUTED DOWN THE BRIDGE PIERS WITH THE PROPOSED DRAINAGE DESIGN IN CONTRACTS 76C75 AND 76C76. PROPOSED CONDUIT RUNS ARE SHOWN TO BE INSTALLED ON PIERS WITH DRAINAGE PIPES. THE CONDUITS SHALL BE INSTALLED ON THE OPPOSITE FACE/SIDE OF THE PIER TO AVOID CONFLICTS WITH THE DRAINAGE PIPES. THE FOLLOWING ARE POSSIBLE LOCATIONS WHERE CONFLICTS MAY OCCUR:
  - STRUCTURE 082-0322, PIER 5
  - STRUCTURE 082-0322, PIER 6
  - STRUCTURE 082-0323, PIER 1
  - STRUCTURE 082-0324, PIER 6

THERE MAY BE ADDITIONAL LOCATIONS WHERE CONFLICTS MAY EXIST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH CONDUIT RUNS ARE AFFECTED AND MAKE THE NECESSARY ADJUSTMENTS TO THE CONDUIT INSTALLATIONS TO AVOID THE DRAINAGE PIPES AT NO COST TO IDOT.

FILE NAME = ...N06TRI-76C54-sh1-Index-02.dgn	USER NAME = stermerb	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES / COMMITMENTS</b>		F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 3		
	PLOT SCALE = 1.0000' / 1in.	DRAWN - TL	REVISED -				SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54
	PLOT DATE = 5/3/2011	CHECKED - JPC	REVISED -										
		DATE - JANUARY 4, 2011	REVISED -										

**RAILROAD COORDINATION**

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12. THE NAMES AND TELEPHONE NUMBERS OF THE RAILROADS WITHIN THE PROJECT AREA ARE AS FOLLOWS:

SRIKANTH (SRI) HONNUR P.E.  
DIRECTOR OF TRACK & BRIDGE CONSTRUCTION  
KANSAS CITY SOUTHERN RAILWAY COMPANY (KCS) - (816) 983-1138

RICK PUTERBAUGH  
ROADMASTER (MAINTENANCE OF WAY)  
KANSAS CITY SOUTHERN RAILWAY COMPANY (KCS) - (573) 581-7566

TOM NORD, P.E., S.E.  
URS CORPORATION (ON BEHALF OF CSX RAILROADS) - (217)-875-4800 (EXT. 209)  
345 EAST ASH AVENUE, SUITE B  
DECATUR, IL 62526

AFTER COMPLETION OF CONSTRUCTION, ANY IMPACTED RAILROAD DRAINAGE DITCHES SHALL BE CLEANED OF ALL DEBRIS TO THE SATISFACTION OF THE ENGINEER.

**UTILITY COORDINATION**

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY PROVIDING A MINIMUM OF 96-HOURS NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITY COMPANIES CAN BE NOTIFIED. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN UE
- AMERITECH
- CHARTER COMMUNICATIONS
- EXPLORER PIPELINE
- ILLINOIS POWER COMPANY
- ILLINOIS AMERICAN WATER
- MARATHON ASHLAND PIPELINE COMPANY
- MCI
- MCLEOD USA
- NORAM TRADING AND TRANSPORTATION COMPANY
- OWEST
- SPRINT
- WORLDCOM
- 360 NETWORKS

CITY OF EAST ST LOUIS - (618) 482-6737  
METRO EAST SANITARY DISTRICT - (618) 452-9400  
ST LOUIS NATIONAL STOCKYARDS COMPANY - (405) 235-8675

(MEMBERS OF J.U.L.I.E. (800)-892-0123 OR 811 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

**COORDINATE SYSTEM AND DATUM**

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

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

THE BASE POINT FROM WHICH ALL UTM COORDINATES WERE SCALED WAS PRIMARY CONTROL MONUMENT NUMBER 10, LISTED IN APPENDIX A OF THE MRC SURVEY SUMMARY, AVAILABLE FROM THE ENGINEER. EACH VECTOR FROM MONUMENT NUMBER 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 COORDINATES.

THE VERTICAL CONTROL DATUM IS NAVD 1988.

**TRAFFIC CONTROL**

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE INTENT IS THAT THE CONSTRUCTION WORK FOR CONTRACT 76C54 WILL BE SCHEDULED AND PERFORMED WITHIN THE MAINTENANCE OF TRAFFIC SCHEDULES AND BOUNDARIES FOR ROADWAY CONSTRUCTION CONTRACT NUMBERS 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75 AND 76C76 TO THE MAXIMUM EXTENT POSSIBLE TO MINIMIZE LANE CLOSURES. COORDINATION WITH THE ROADWAY CONSTRUCTION CONTRACTS LISTED ABOVE SHALL BE THE RESPONSIBILITY OF THE 76C54 CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACT BID PRICE.
3. ALL MAINTENANCE OF TRAFFIC FURNISHED AND INSTALLED UNDER CONTRACT 76C54 SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
4. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
5. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.
7. TEMPORARY ACCESS TO ALL ENTRANCES (COMMERCIAL AND PRIVATE) SHALL BE MAINTAINED DURING CONSTRUCTION.
8. PRIOR TO THE START OF ANY WORK ITEM ALL TRAFFIC CONTROL DEVICES REQUIRED FOR CONSTRUCTION SHALL BE IN PLACE.

**COMMITMENTS**

NONE

TRAFFIC CONTROL AND PROTECTION												
TRAFFIC CONTROL AND PROTECTION STANDARDS	INSTALL TEMP LTG	INSTALL LIGHT TOWERS	INSTALL UNDERPASS LIGHTING	INSTALL PUSHES UNDER MAINLINE	INSTALL PUSHES UNDER RAMPS	REMOVE TEMP LTG	REMOVE CONDUIT ATTACHED TO	INSTALL LTG CABLE	INSTALL CONV. LIGHT POLES	REMOVE EXIST SIGN LGTS	REMOVE EXIST LIGHT TOWERS	TOTALS
701101	X	X	X	X	X	X	X	X	X	X	X	Not Measured
701106	X	X	X	X	X	X	X	X	X	X	X	Not Measured
701400	X	X	X	X	X	X	X	X	X	X	X	Not Measured
701401			6	4			2			1		13 - Each
701406	X	X	X	X	X	X	X	X	X	X	X	1 - Lump Sum
701411			15		13				2	1		31 - Each
701421	X	X	X	X	X	X	X	X	X	X	X	1 - Lump Sum
701426	X	X	X	X	X	X	X	X	X	X	X	Not Measured
701451	X		X		X	X	X	X	X	X	X	1 - Lump Sum
701456	X		X		X	X	X	X	X	X	X	1 - Lump Sum
701901	X	X	X	X	X	X	X	X	X	X	X	Not Measured

FILE NAME =	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES / COMMITMENTS</b>	F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 4	
#FILE#		DRAWN - TL	REVISED -			SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
		CHECKED - JPC	REVISED -			CONTRACT NO. 76C54					
		DATE - JANUARY 4, 2011	REVISED -								

## SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM	UNIT	TOTAL	100% STATE 0021
	67100100	MOBILIZATION	L SUM	1	1
	70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	13	13
	70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	31	31
	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
	70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
	70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
	80300100	LOCATING UNDERGROUND CABLE	FOOT	1,340	1,340
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2
	81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	200	200
	81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	2,380	2,380
	81100200	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., GALVANIZED STEEL	FOOT	1,815	1,815
	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	40	40
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	350	350
	81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	29	29
	81300420	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	24	24
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2	2
	81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	8	8
	81300910	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 20" X 6"	EACH	4	4
	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 2	FOOT	250	250
	81702190	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 4/0	FOOT	750	750
	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2,520	2,520
	81800190	AERIAL CABLE, 2-1/C NO. 2, WITH MESSENGER WIRE	FOOT	2,590	2,590
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	17,025	17,025
	81900302	TRENCH AND BACKFILL WITH SCREENINGS OR SAND	FOOT	25	25
	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	22	22
	82105700	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	106	106
	82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	28	28
	82500380	LIGHTING CONTROLLER, BASE MOUNTED, 480VCLT, 200AMP	EACH	2	2
	83003400	LIGHT POLE, ALUMINUM, 45 FT. M.H., 10 FT. DAVIT ARM	EACH	11	11

\* DENOTE SPECIALTY ITEM

FILE NAME =	USER NAME = lantzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN - TL	REVISED -			55/64	82-1L	ST. CLAIR	60	5	
PLOT SCALE = 1:2000' / IN.		CHECKED - JPC	REVISED -			CONTRACT NO. 76C54					
PLOT DATE = 1/13/2011		DATE - JANUARY 4, 2011	REVISED -			SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

## SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM	UNIT	TOTAL	100% STATE 0021
	83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	11	11
	83505400	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	19	19
	83507800	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	10	10
	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	72	72
	83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	475	475
	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7	7
	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	16	16
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	24	24
	84200804	REMOVAL OF POLE FOUNDATION	EACH	24	24
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	1
	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1
	X0321631	REMOVAL OF LUMINAIRE	EACH	11	11
	X0322141	REMOVE TEMPORARY WOOD POLE	EACH	34	34
	X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	11	11
	X0326492	REMOVAL OF EXISTING SIGN LIGHTING UNIT AND SALVAGE	EACH	7	7
	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	3	3
	X8040100	ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	2	2
	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	13	13
	X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	12	12
	X8430100	REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	FOOT	1270	1270
	Z0004002	BOLLARDS	EACH	7	7
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
	+ Z0076602	TRAINEES (SPECIAL)	HOURL	1,500	1,500
	87000240	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 2 AND NO. 4	FOOT	2690	2690
	87000405	ELECTRIC CABLE ASSEMBLY IN TRENCH, 600V (XLP-TYPE TC) 2/C NO. 2 AND NO. 4	FOOT	22605	22605
	83700400	LIGHT TOWER FOUNDATION, 60" DIAMETER	FOOT	260	260
	X8350010	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT.-6, SPECIAL	EACH	1	1
	X0327234	LIGHTING UNIT IDENTIFICATION DECAL	EACH	5	5
	X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	1060	1060
	X0327236	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	19	19

• DENOTE SPECIALTY ITEM  
+ 0042

FILE NAME =	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.J. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 6
*FILEA#	PLOT SCALE = 1:8000 / IN.	DRAWN - TL	REVISED -		SCALE: NONE					
	PLOT DATE = 1/13/2011	CHECKED - JPC	REVISED -		SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.			
		DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		CONTRACT NO. 76C54

PROP. CURVE 55N-1  
PI STA. = 51+92.01  
Δ = 10° 37' 43" (RT)  
D = 2° 46' 32"  
R = 2,064.27'  
T = 192.01'  
L = 382.93'  
E = 8.91'  
P.C. STA = 50+00.00  
P.T. STA = 53+82.93

PROP. CURVE 55N-2  
PI STA. = 62+39.34  
Δ = 10° 09' 06" (LT)  
D = 1° 50' 43"  
R = 3,105.00'  
T = 275.79'  
L = 550.14'  
E = 12.22'  
P.C. STA = 59+63.55  
P.T. STA = 65+13.69

PROP. CURVE 55N-3  
PI STA. = 79+77.22  
Δ = 11° 19' 26" (LT)  
D = 3° 10' 59"  
R = 1,800.00'  
T = 178.46'  
L = 355.75'  
E = 8.82'  
P.C. STA = 77+98.77  
P.C.C. STA = 81+54.52

PROP. CURVE 55N-4  
PI STA. = 84+69.84  
Δ = 18° 50' 46" (LT)  
D = 3° 00' 56"  
R = 1,900.00'  
T = 315.33'  
L = 624.96'  
E = 25.99'  
P.C.C. STA = 81+54.52  
P.C.C. STA = 87+79.48

PROP. CURVE 55N-5  
PI STA. = 89+19.86  
Δ = 7° 38' 56" (LT)  
D = 2° 43' 42"  
R = 2,100.00'  
T = 140.38'  
L = 280.35'  
E = 4.69'  
P.C.C. STA = 87+79.48  
P.T. STA = 90+59.82

PROP. CURVE 55S-1  
PI STA. = 64+62.70  
Δ = 0° 19' 12" (RT)  
D = 0° 04' 19"  
R = 79,694.32'  
T = 222.64'  
L = 445.28'  
E = 0.31'  
P.C. STA = 62+40.06  
P.T. STA = 66+85.34

PROP. CURVE 55S-2  
PI STA. = 71+51.26  
Δ = 19° 05' 52" (RT)  
D = 3° 16' 27"  
R = 1,750.00'  
T = 294.38'  
L = 583.31'  
E = 24.59'  
P.C. STA = 68+56.88  
P.C.C. STA = 74+40.19

PROP. CURVE 55S-3  
PI STA. = 78+46.09  
Δ = 24° 21' 42" (RT)  
D = 3° 02' 49"  
R = 1,880.42'  
T = 405.90'  
L = 799.54'  
E = 43.31'  
P.C.C. STA = 74+40.19  
P.C.C. STA = 82+39.72

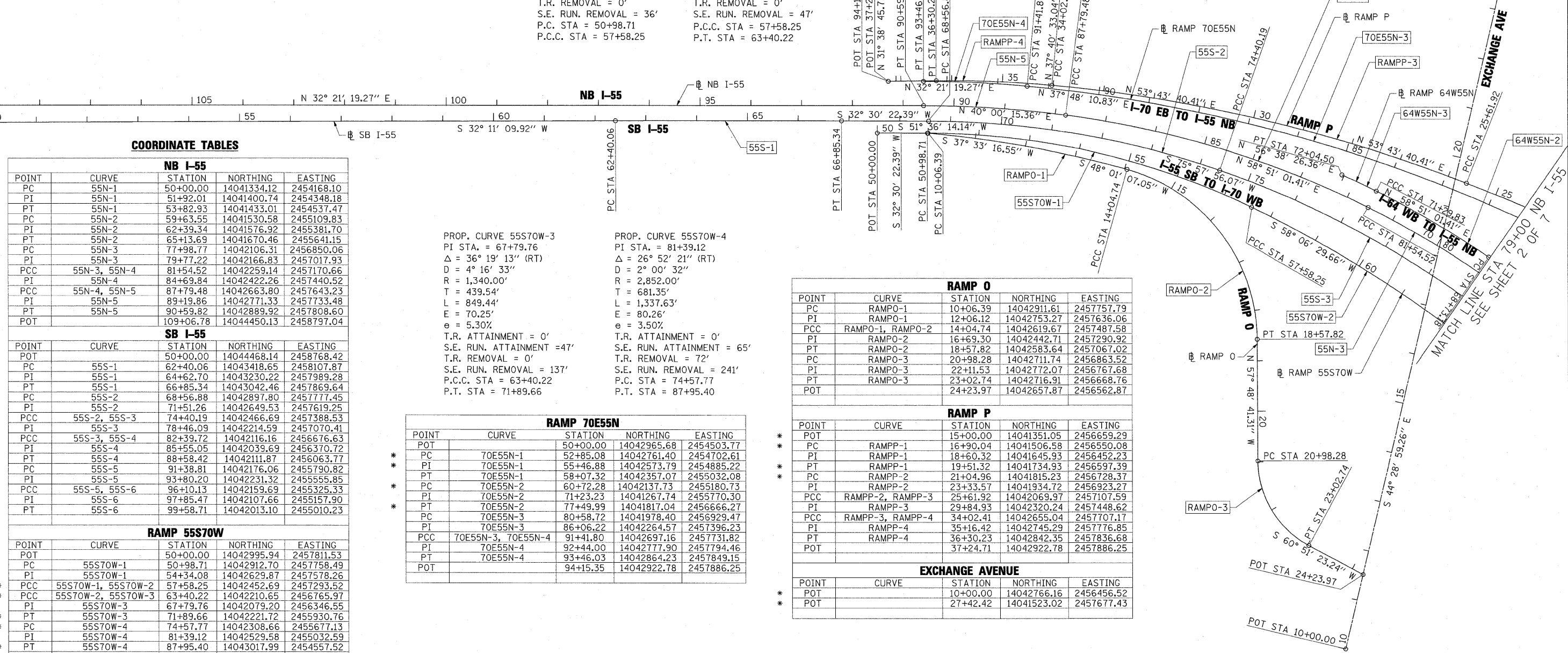
PROP. CURVE 55S-4  
PI STA. = 85+55.05  
Δ = 27° 16' 06" (RT)  
D = 4° 24' 27"  
R = 1,300.00'  
T = 315.32'  
L = 618.70'  
E = 37.70'  
P.C.C. STA = 82+39.72  
P.T. STA = 88+58.42

PROP. CURVE 55S-5  
PI STA. = 93+80.20  
Δ = 30° 29' 46" (LT)  
D = 6° 28' 13"  
R = 885.51'  
T = 241.39'  
L = 471.32'  
E = 32.31'  
P.C. STA = 91+38.81  
P.C.C. STA = 96+10.13

PROP. CURVE 55S-6  
PI STA. = 97+85.47  
Δ = 15° 22' 19" (LT)  
D = 4° 24' 36"  
R = 1,299.24'  
T = 175.34'  
L = 348.58'  
E = 11.78'  
P.C.C. STA = 96+10.13  
P.T. STA = 99+58.71

PROP. CURVE 55S70W-1  
PI STA. = 54+34.08  
Δ = 25° 36' 07" (RT)  
D = 3° 52' 55"  
R = 1,476.00'  
T = 335.37'  
L = 659.54'  
E = 37.62'  
e = 5.00%  
T.R. ATTAINMENT = 0'  
S.E. RUN. ATTAINMENT = 107'  
T.R. REMOVAL = 0'  
S.E. RUN. REMOVAL = 36'  
P.C. STA = 50+98.71  
P.C.C. STA = 57+58.25

PROP. CURVE 55S70W-2  
PI STA. = 60+50.80  
Δ = 14° 29' 29" (RT)  
D = 2° 29' 24"  
R = 2,301.00'  
T = 292.55'  
L = 581.97'  
E = 18.52'  
e = 4.00%  
T.R. ATTAINMENT = 0'  
S.E. RUN. ATTAINMENT = 36'  
T.R. REMOVAL = 0'  
S.E. RUN. REMOVAL = 47'  
P.C.C. STA = 57+58.25  
P.T. STA = 63+40.22



**COORDINATE TABLES**

NB I-55				
POINT	CURVE	STATION	NORTHING	EASTING
PC	55N-1	50+00.00	14041334.12	2454168.10
PI	55N-1	51+92.01	14041400.74	2454348.18
PT	55N-1	53+82.93	14041433.01	2454537.47
PC	55N-2	59+63.55	14041530.58	2455109.83
PI	55N-2	62+39.34	14041576.92	2455381.70
PT	55N-2	65+13.69	14041670.46	2455641.15
PC	55N-3	77+98.77	14042106.31	2456850.06
PI	55N-3	79+77.22	14042166.83	2457017.93
PCC	55N-3, 55N-4	81+54.52	14042259.14	2457170.66
PI	55N-4	84+69.84	14042422.26	2457440.52
PCC	55N-4, 55N-5	87+79.48	14042663.80	2457643.23
PI	55N-5	89+19.86	14042771.33	2457733.48
PT	55N-5	90+59.82	14042889.92	2457808.60
POT		109+06.78	14044450.13	2458797.04

SB I-55				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14044468.14	2458768.42
PC	55S-1	62+40.06	14043418.65	2458107.87
PI	55S-1	64+62.70	14043230.22	2457989.28
PT	55S-1	66+85.34	14043042.46	2457869.64
PC	55S-2	68+56.88	14042897.80	2457777.45
PI	55S-2	71+51.26	14042649.53	2457619.25
PCC	55S-2, 55S-3	74+40.19	14042466.69	2457388.53
PI	55S-3	78+46.09	14042214.59	2457070.41
PCC	55S-3, 55S-4	82+39.72	14042116.16	2456676.63
PI	55S-4	85+55.05	14042039.69	2456370.72
PT	55S-4	88+58.42	14042111.87	2456063.77
PC	55S-5	91+38.81	14042176.06	2455790.82
PI	55S-5	93+80.20	14042231.32	2455555.85
PCC	55S-5, 55S-6	96+10.13	14042159.69	2455325.33
PI	55S-6	97+85.47	14042107.66	2455157.90
PT	55S-6	99+58.71	14042013.10	2455010.23

RAMP 55S70W				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14042995.94	2457811.53
PC	55S70W-1	50+98.71	14042912.70	2457758.49
PI	55S70W-1	54+34.08	14042629.87	2457578.26
PCC	55S70W-1, 55S70W-2	57+58.25	14042452.69	2457293.52
PCC	55S70W-2, 55S70W-3	63+40.22	14042210.65	2456765.97
PI	55S70W-3	67+79.76	14042079.20	2456346.55
PT	55S70W-3	71+89.66	14042221.72	2455930.76
PC	55S70W-4	74+57.77	14042308.66	2455677.13
PI	55S70W-4	81+39.12	14042529.58	2455032.59
PT	55S70W-4	87+95.40	14043017.99	2454557.52

PROP. CURVE 55S70W-3  
PI STA. = 67+79.76  
Δ = 36° 19' 13" (RT)  
D = 4° 16' 33"  
R = 1,340.00'  
T = 439.54'  
L = 849.44'  
E = 70.25'  
e = 5.30%  
T.R. ATTAINMENT = 0'  
S.E. RUN. ATTAINMENT = 47'  
T.R. REMOVAL = 0'  
S.E. RUN. REMOVAL = 137'  
P.C.C. STA = 63+40.22  
P.T. STA = 71+89.66

PROP. CURVE 55S70W-4  
PI STA. = 81+39.12  
Δ = 26° 52' 21" (RT)  
D = 2° 00' 32"  
R = 2,852.00'  
T = 681.35'  
L = 1,337.63'  
E = 80.26'  
e = 3.50%  
T.R. ATTAINMENT = 0'  
S.E. RUN. ATTAINMENT = 65'  
T.R. REMOVAL = 72'  
S.E. RUN. REMOVAL = 241'  
P.C. STA = 74+57.77  
P.T. STA = 87+95.40

RAMP 70E55N				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14042965.68	2454503.77
PC	70E55N-1	52+85.08	14042761.40	2454702.61
PI	70E55N-1	55+46.88	14042573.79	2454885.22
PT	70E55N-1	58+07.32	14042357.07	2455032.08
PC	70E55N-2	60+72.28	14042137.73	2455180.73
PI	70E55N-2	71+23.23	14041267.74	2455770.30
PT	70E55N-2	77+49.99	14041817.04	2456666.27
PC	70E55N-3	80+58.72	14041978.40	2456929.47
PI	70E55N-3	86+06.22	14042264.57	2457396.23
PCC	70E55N-3, 70E55N-4	91+41.80	14042697.16	2457731.82
PI	70E55N-4	92+44.00	14042777.90	2457794.46
PT	70E55N-4	93+46.03	14042864.23	2457849.15
POT		94+15.35	14042922.78	2457886.25

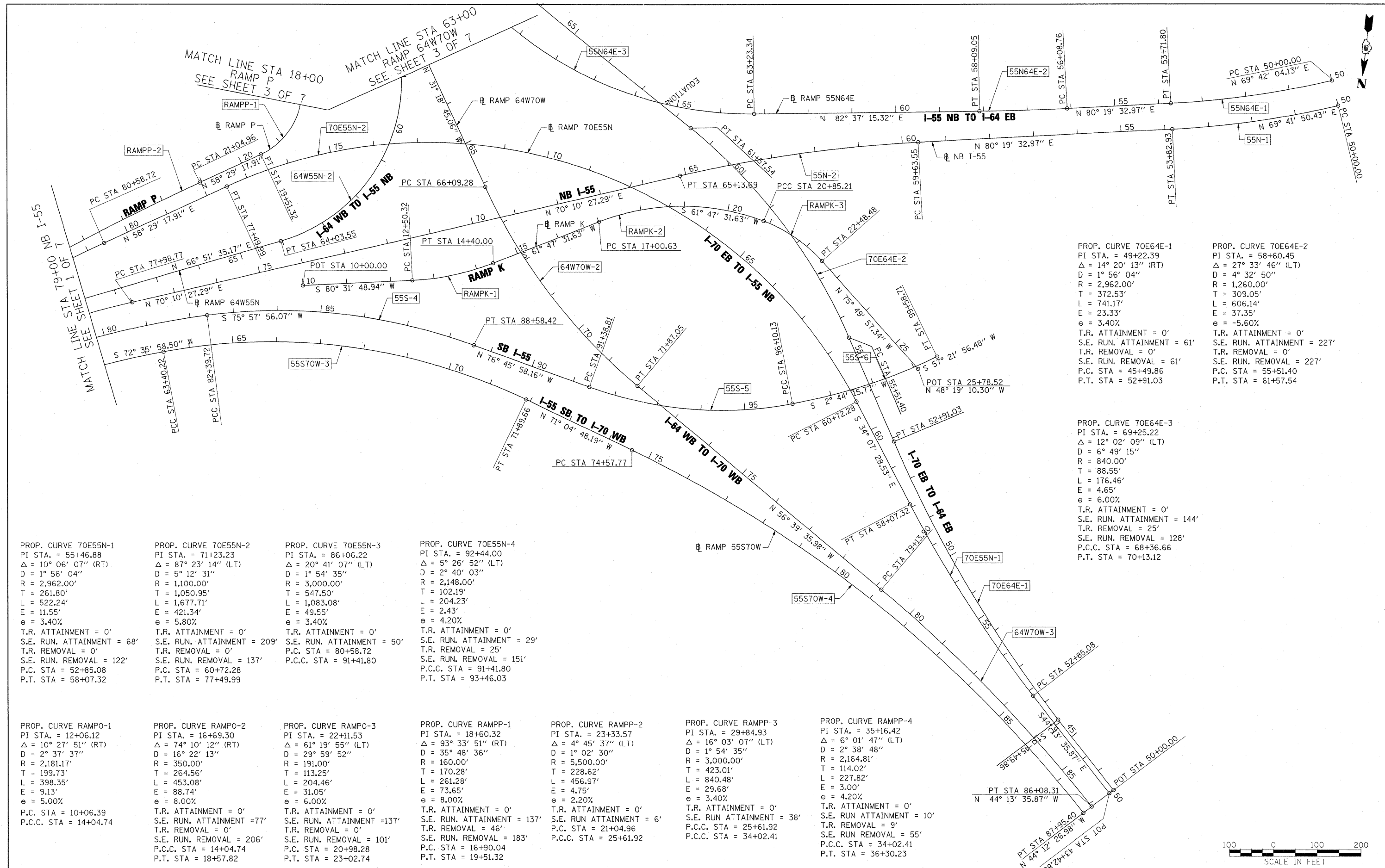
RAMP O				
POINT	CURVE	STATION	NORTHING	EASTING
PC	RAMPO-1	10+06.39	14042911.61	2457757.79
PI	RAMPO-1	12+06.12	14042753.27	2457636.06
PCC	RAMPO-1, RAMPO-2	14+04.74	14042619.67	2457487.58
PT	RAMPO-2	16+69.30	14042442.71	2457290.92
PT	RAMPO-2	18+57.82	14042583.64	2457067.02
PC	RAMPO-3	20+98.28	14042711.74	2456863.52
PI	RAMPO-3	22+11.53	14042772.07	2456767.68
PT	RAMPO-3	23+02.74	14042716.91	2456668.76
POT		24+23.97	14042657.87	2456562.87

RAMP P				
POINT	CURVE	STATION	NORTHING	EASTING
POT		15+00.00	14041351.05	2456659.29
PC	RAMPP-1	16+90.04	14041506.58	2456550.08
PI	RAMPP-1	18+60.32	14041645.93	2456452.23
PT	RAMPP-1	19+51.32	14041734.93	2456397.39
PC	RAMPP-2	21+04.96	14041815.23	2456283.37
PI	RAMPP-2	23+33.57	14041934.72	2456232.27
PCC	RAMPP-2, RAMPP-3	25+61.92	14042069.97	245707.59
PI	RAMPP-3	29+84.93	14042320.24	2457448.62
PCC	RAMPP-3, RAMPP-4	34+02.41	14042655.04	2457707.17
PT	RAMPP-4	35+16.42	14042745.29	2457776.85
PI	RAMPP-4	36+30.23	14042842.35	2457836.68
POT		37+24.71	14042922.78	2457886.25

EXCHANGE AVENUE				
POINT	CURVE	STATION	NORTHING	EASTING
POT		10+00.00	14042766.16	2456456.52
POT		27+42.42	14041523.02	2457677.43

\* THREE-POINT TIE SET FOR THIS POINT





PROP. CURVE 70E64E-1  
 PI STA. = 49+22.39  
 $\Delta$  = 14° 20' 13" (RT)  
 D = 1° 56' 04"  
 R = 2,962.00'  
 T = 372.53'  
 L = 741.17'  
 E = 23.33'  
 e = 3.40%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 61'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 61'  
 P.C. STA. = 45+49.86  
 P.T. STA. = 52+91.03

PROP. CURVE 70E64E-2  
 PI STA. = 58+60.45  
 $\Delta$  = 27° 33' 46" (LT)  
 D = 4° 32' 50"  
 R = 1,260.00'  
 T = 309.05'  
 L = 606.14'  
 E = 37.35'  
 e = -5.60%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 227'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 227'  
 P.C. STA. = 55+51.40  
 P.T. STA. = 61+57.54

PROP. CURVE 70E64E-3  
 PI STA. = 69+25.22  
 $\Delta$  = 12° 02' 09" (LT)  
 D = 6° 49' 15"  
 R = 840.00'  
 T = 88.55'  
 L = 176.46'  
 E = 4.65'  
 e = 6.00%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 144'  
 T.R. REMOVAL = 25'  
 S.E. RUN. REMOVAL = 128'  
 P.C.C. STA. = 68+36.66  
 P.T. STA. = 70+13.12

PROP. CURVE 70E55N-1  
 PI STA. = 55+46.88  
 $\Delta$  = 10° 06' 07" (RT)  
 D = 1° 56' 04"  
 R = 2,962.00'  
 T = 261.80'  
 L = 522.24'  
 E = 11.55'  
 e = 3.40%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 68'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 122'  
 P.C. STA. = 52+85.08  
 P.T. STA. = 58+07.32

PROP. CURVE 70E55N-2  
 PI STA. = 71+23.23  
 $\Delta$  = 87° 23' 14" (LT)  
 D = 5° 12' 31"  
 R = 1,100.00'  
 T = 1,050.95'  
 L = 1,677.71'  
 E = 421.34'  
 e = 5.80%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 209'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 137'  
 P.C. STA. = 60+72.28  
 P.T. STA. = 77+49.99

PROP. CURVE 70E55N-3  
 PI STA. = 86+06.22  
 $\Delta$  = 20° 41' 07" (LT)  
 D = 1° 54' 35"  
 R = 3,000.00'  
 T = 547.50'  
 L = 1,083.08'  
 E = 49.55'  
 e = 3.40%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 50'  
 P.C. STA. = 80+58.72  
 P.C.C. STA. = 91+41.80

PROP. CURVE 70E55N-4  
 PI STA. = 92+44.00  
 $\Delta$  = 5° 26' 52" (LT)  
 D = 2° 40' 03"  
 R = 2,148.00'  
 T = 102.19'  
 L = 204.23'  
 E = 2.43'  
 e = 4.20%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 29'  
 T.R. REMOVAL = 25'  
 S.E. RUN. REMOVAL = 151'  
 P.C.C. STA. = 91+41.80  
 P.T. STA. = 93+46.03

PROP. CURVE RAMPP-1  
 PI STA. = 12+06.12  
 $\Delta$  = 10° 27' 51" (RT)  
 D = 2° 37' 37"  
 R = 2,181.17'  
 T = 199.73'  
 L = 398.35'  
 E = 9.13'  
 e = 5.00%  
 P.C. STA. = 10+06.39  
 P.C.C. STA. = 14+04.74

PROP. CURVE RAMPP-2  
 PI STA. = 16+69.30  
 $\Delta$  = 74° 10' 12" (RT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 264.56'  
 L = 453.08'  
 E = 88.74'  
 e = 8.00%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 77'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 206'  
 P.C.C. STA. = 14+04.74  
 P.T. STA. = 18+57.82

PROP. CURVE RAMPP-3  
 PI STA. = 22+11.53  
 $\Delta$  = 61° 19' 55" (LT)  
 D = 29° 59' 52"  
 R = 191.00'  
 T = 113.25'  
 L = 204.46'  
 E = 31.05'  
 e = 6.00%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 137'  
 T.R. REMOVAL = 0'  
 S.E. RUN. REMOVAL = 101'  
 P.C. STA. = 20+98.28  
 P.T. STA. = 23+02.74

PROP. CURVE RAMPP-4  
 PI STA. = 18+60.32  
 $\Delta$  = 93° 33' 51" (RT)  
 D = 35° 48' 36"  
 R = 160.00'  
 T = 170.28'  
 L = 261.28'  
 E = 73.65'  
 e = 8.00%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 137'  
 T.R. REMOVAL = 46'  
 S.E. RUN. REMOVAL = 183'  
 P.C. STA. = 16+90.04  
 P.T. STA. = 19+51.32

PROP. CURVE RAMPP-5  
 PI STA. = 23+33.57  
 $\Delta$  = 4° 45' 37" (LT)  
 D = 1° 02' 30"  
 R = 5,500.00'  
 T = 228.62'  
 L = 456.97'  
 E = 4.75'  
 e = 2.20%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 6'  
 P.C. STA. = 21+04.96  
 P.C.C. STA. = 25+61.92

PROP. CURVE RAMPP-6  
 PI STA. = 29+84.93  
 $\Delta$  = 16° 03' 07" (LT)  
 D = 1° 54' 35"  
 R = 3,000.00'  
 T = 423.01'  
 L = 840.48'  
 E = 29.68'  
 e = 3.40%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 38'  
 P.C.C. STA. = 25+61.92  
 P.C.C. STA. = 34+02.41

PROP. CURVE RAMPP-7  
 PI STA. = 35+16.42  
 $\Delta$  = 6° 01' 47" (LT)  
 D = 2° 38' 48"  
 R = 2,164.81'  
 T = 114.02'  
 L = 227.82'  
 E = 3.00'  
 e = 4.20%  
 T.R. ATTAINMENT = 0'  
 S.E. RUN. ATTAINMENT = 10'  
 T.R. REMOVAL = 9'  
 S.E. RUN. REMOVAL = 55'  
 P.C.C. STA. = 34+02.41  
 P.T. STA. = 36+30.23



FILE NAME =	USER NAME = lortzt	DESIGNED OP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES AND BENCHMARKS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = 1/8" = 100' / IN.	DRAWN OP	REVISED -			55/64	B2-1L	ST. CLAIR	60	8	
	PLOT DATE = 12/27/2010	CHECKED DBM	REVISED -			CONTRACT NO. 76C54					
		DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: 1"=100'						SHEET NO. 2 OF 7 SHEETS		STA. TO STA.			



9TH STREET			
POINT	STATION	NORTHING	EASTING
PT	10+05.00	14041436.08	2456780.38
POT	18+33.29	14040960.09	2456102.51
POT	20+66.23	14040799.59	2455933.69

RAMP A				
POINT	CURVE	STATION	NORTHING	EASTING
POT		6+71.49	14040197.44	2457222.50
PC	RAMP_C6-1	7+71.49	14040125.83	2457292.30
PI	RAMP_C6-1	9+01.08	14040033.04	2457382.75
PT	RAMP_C6-1	10+30.50	14039932.72	2457464.77
PC	RAMP_C6-2	16+36.03	14039463.95	2457848.08
PI	RAMP_C6-2	18+21.27	14039320.55	2457965.34
PT	RAMP_C6-2	19+62.07	14039157.99	2457876.50

RAMP K				
POINT	CURVE	STATION	NORTHING	EASTING
POT		10+00.00	14042022.20	2456467.60
PC	RAMPK-1	12+50.32	14041981.01	2456220.69
PI	RAMPK-1	13+46.02	14041965.27	2456126.29
PT	RAMPK-1	14+40.00	14041920.04	2456041.96
PC	RAMPK-2	17+00.63	14041796.85	2455812.29
PI	RAMPK-2	19+02.19	14041701.57	2455634.66
PCC	RAMPK-2	20+85.21	14041750.91	2455439.23
PCC	RAMPK-3	20+85.21	14041750.91	2455439.23
PI	RAMPK-3	21+68.45	14041771.28	2455358.52
PT	RAMPK-3	22+48.48	14041826.63	2455296.35
POT		25+78.52	14042046.10	2455049.86

15TH STREET				
POINT	CURVE	STATION	NORTHING	EASTING
POT		0+00.00	14039109.38	2457242.23
POT		5+00.00	14039459.82	2457598.87
POT		15+24.82	14040178.10	2458329.84

\* THREE-POINT TIE SET FOR THIS POINT

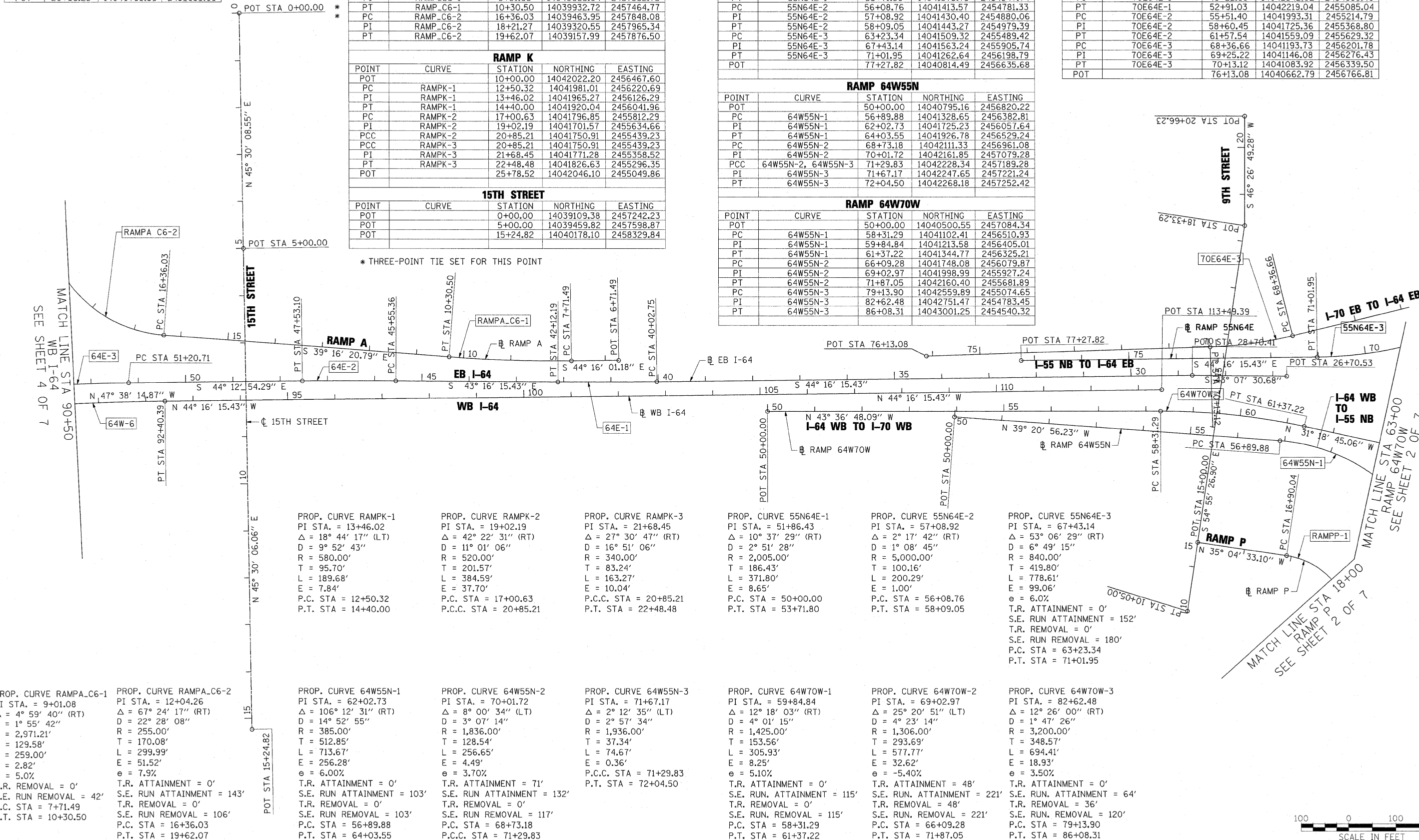
COORDINATE TABLES

RAMP 55N64E				
POINT	CURVE	STATION	NORTHING	EASTING
PC	55N64E-1	50+00.00	14041277.75	2454189.10
PI	55N64E-1	51+86.43	14041342.42	2454363.96
PT	55N64E-1	53+71.80	14041373.75	2454547.74
PC	55N64E-2	56+08.76	14041413.57	2454781.33
PI	55N64E-2	57+08.92	14041430.40	2454880.06
PT	55N64E-2	58+09.05	14041443.27	2454979.39
PC	55N64E-3	63+23.34	14041509.32	2455489.42
PI	55N64E-3	67+43.14	14041563.24	2455905.74
PT	55N64E-3	71+01.95	14041262.64	2456198.79
POT		77+27.82	14040814.49	2456635.68

RAMP 64W55N				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14040795.16	2456820.22
PC	64W55N-1	56+89.88	14041328.65	2456382.81
PI	64W55N-1	62+02.73	14041725.23	2456057.64
PT	64W55N-1	64+03.55	14041926.78	2456529.24
PC	64W55N-2	68+73.18	14042111.33	2456961.08
PI	64W55N-2	70+01.72	14042161.85	2457079.28
PCC	64W55N-2, 64W55N-3	71+29.83	14042228.34	2457189.28
PI	64W55N-3	71+67.17	14042247.65	2457221.24
PT	64W55N-3	72+04.50	14042268.18	2457252.42

RAMP 64W70W				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14040500.55	2457084.34
PC	64W55N-1	58+31.29	14041102.41	2456510.93
PI	64W55N-1	59+84.84	14041213.58	2456405.01
PT	64W55N-1	61+37.22	14041344.77	2456325.21
PC	64W55N-2	66+09.28	14041748.08	2456079.87
PI	64W55N-2	69+02.97	14041998.99	2455927.24
PT	64W55N-2	71+87.05	14042160.40	2455681.89
PC	64W55N-3	79+13.90	14042559.89	2455074.65
PI	64W55N-3	82+62.48	14042751.47	2454783.45
PT	64W55N-3	86+08.31	14043001.25	2454540.32

RAMP 70E64E				
POINT	CURVE	STATION	NORTHING	EASTING
POT		43+42.86	14042957.31	2454495.17
PC	70E64E-1	45+49.86	14042808.97	2454639.56
PI	70E64E-1	49+22.39	14042542.02	2454899.40
PT	70E64E-1	52+91.03	14042219.04	2455085.04
PC	70E64E-2	55+51.40	14041993.31	2455214.79
PI	70E64E-2	58+60.45	14041725.36	2455368.80
PT	70E64E-2	61+57.54	14041559.09	2455629.32
PC	70E64E-3	68+36.66	14041193.73	2456201.78
PI	70E64E-3	69+25.22	14041146.08	2456276.43
PT	70E64E-3	70+13.12	14041083.92	2456339.50
POT		76+13.08	14040662.79	2456766.81



PROP. CURVE RAMPK-1  
 PI STA. = 13+46.02  
 $\Delta = 18^\circ 44' 17''$  (LT)  
 $D = 9^\circ 52' 43''$   
 $R = 580.00'$   
 $T = 95.70'$   
 $L = 189.68'$   
 $E = 7.84'$   
 $e = 5.0\%$   
 P.C. STA = 12+50.32  
 P.T. STA = 14+40.00

PROP. CURVE RAMPK-2  
 PI STA. = 19+02.19  
 $\Delta = 42^\circ 22' 31''$  (RT)  
 $D = 11^\circ 01' 06''$   
 $R = 520.00'$   
 $T = 201.57'$   
 $L = 384.59'$   
 $E = 37.70'$   
 $e = 6.00\%$   
 P.C. STA = 17+00.63  
 P.C.C. STA = 20+85.21

PROP. CURVE RAMPK-3  
 PI STA. = 21+68.45  
 $\Delta = 27^\circ 30' 47''$  (RT)  
 $D = 16^\circ 51' 06''$   
 $R = 340.00'$   
 $T = 83.24'$   
 $L = 163.27'$   
 $E = 10.04'$   
 $e = 10.04\%$   
 P.C. STA = 20+85.21  
 P.T. STA = 22+48.48

PROP. CURVE 55N64E-1  
 PI STA. = 51+86.43  
 $\Delta = 10^\circ 37' 29''$  (RT)  
 $D = 2^\circ 51' 28''$   
 $R = 2,005.00'$   
 $T = 186.43'$   
 $L = 371.80'$   
 $E = 8.65'$   
 $e = 5.10\%$   
 P.C. STA = 50+00.00  
 P.T. STA = 53+71.80

PROP. CURVE 55N64E-2  
 PI STA. = 57+08.92  
 $\Delta = 2^\circ 17' 42''$  (RT)  
 $D = 1^\circ 08' 45''$   
 $R = 5,000.00'$   
 $T = 100.16'$   
 $L = 200.29'$   
 $E = 1.00'$   
 $e = -5.40\%$   
 P.C. STA = 56+08.76  
 P.T. STA = 58+09.05

PROP. CURVE 55N64E-3  
 PI STA. = 67+43.14  
 $\Delta = 53^\circ 06' 29''$  (RT)  
 $D = 6^\circ 49' 15''$   
 $R = 840.00'$   
 $T = 419.80'$   
 $L = 778.61'$   
 $E = 99.06'$   
 $e = 6.0\%$   
 T.R. ATTAINMENT = 0'  
 S.E. RUN ATTAINMENT = 152'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 180'  
 P.C. STA = 63+23.34  
 P.T. STA = 71+01.95

PROP. CURVE RAMP\_A\_C6-1  
 PI STA. = 9+01.08  
 $\Delta = 4^\circ 59' 40''$  (RT)  
 $D = 1^\circ 55' 42''$   
 $R = 2,971.21'$   
 $T = 129.58'$   
 $L = 259.00'$   
 $E = 2.82'$   
 $e = 5.0\%$   
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 42'  
 P.C. STA = 7+71.49  
 P.T. STA = 10+30.50

PROP. CURVE RAMP\_A\_C6-2  
 PI STA. = 12+04.26  
 $\Delta = 67^\circ 24' 17''$  (RT)  
 $D = 22^\circ 28' 08''$   
 $R = 255.00'$   
 $T = 170.08'$   
 $L = 299.99'$   
 $E = 51.52'$   
 $e = 7.9\%$   
 T.R. ATTAINMENT = 0'  
 S.E. RUN ATTAINMENT = 143'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 106'  
 P.C. STA = 16+36.03  
 P.T. STA = 19+62.07

PROP. CURVE 64W55N-1  
 PI STA. = 62+02.73  
 $\Delta = 106^\circ 12' 31''$  (RT)  
 $D = 14^\circ 52' 55''$   
 $R = 385.00'$   
 $T = 512.85'$   
 $L = 713.67'$   
 $E = 256.28'$   
 $e = 6.00\%$   
 T.R. ATTAINMENT = 0'  
 S.E. RUN ATTAINMENT = 103'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 103'  
 P.C. STA = 56+89.88  
 P.T. STA = 64+03.55

PROP. CURVE 64W55N-2  
 PI STA. = 70+01.72  
 $\Delta = 8^\circ 00' 34''$  (LT)  
 $D = 3^\circ 07' 14''$   
 $R = 1,836.00'$   
 $T = 128.54'$   
 $L = 256.65'$   
 $E = 4.49'$   
 $e = 3.70\%$   
 T.R. ATTAINMENT = 71'  
 S.E. RUN ATTAINMENT = 132'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 117'  
 P.C. STA = 68+73.18  
 P.C.C. STA = 71+29.83

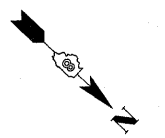
PROP. CURVE 64W55N-3  
 PI STA. = 71+67.17  
 $\Delta = 2^\circ 12' 35''$  (LT)  
 $D = 2^\circ 57' 34''$   
 $R = 1,936.00'$   
 $T = 37.34'$   
 $L = 74.67'$   
 $E = 0.36'$   
 $e = 5.10\%$   
 P.C. STA = 71+29.83  
 P.T. STA = 72+04.50

PROP. CURVE 64W70W-1  
 PI STA. = 59+84.84  
 $\Delta = 12^\circ 18' 03''$  (RT)  
 $D = 4^\circ 01' 15''$   
 $R = 1,425.00'$   
 $T = 153.56'$   
 $L = 305.93'$   
 $E = 8.25'$   
 $e = 5.10\%$   
 T.R. ATTAINMENT = 0'  
 S.E. RUN ATTAINMENT = 115'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 115'  
 P.C. STA = 58+31.29  
 P.T. STA = 61+37.22

PROP. CURVE 64W70W-2  
 PI STA. = 69+02.97  
 $\Delta = 25^\circ 20' 51''$  (LT)  
 $D = 4^\circ 23' 14''$   
 $R = 1,306.00'$   
 $T = 293.69'$   
 $L = 577.77'$   
 $E = 32.62'$   
 $e = -5.40\%$   
 T.R. ATTAINMENT = 48'  
 S.E. RUN ATTAINMENT = 221'  
 T.R. REMOVAL = 48'  
 S.E. RUN REMOVAL = 221'  
 P.C. STA = 66+09.28  
 P.T. STA = 71+87.05

PROP. CURVE 64W70W-3  
 PI STA. = 82+62.48  
 $\Delta = 12^\circ 26' 00''$  (RT)  
 $D = 1^\circ 47' 26''$   
 $R = 3,200.00'$   
 $T = 348.57'$   
 $L = 694.41'$   
 $E = 18.93'$   
 $e = 3.50\%$   
 T.R. ATTAINMENT = 0'  
 S.E. RUN ATTAINMENT = 64'  
 T.R. REMOVAL = 36'  
 S.E. RUN REMOVAL = 120'  
 P.C. STA = 79+13.90  
 P.T. STA = 86+08.31





PROP. CURVE 64W-1  
 PI STA. = 73+67.12  
 $\Delta = 6^\circ 45' 48''$  (RT)  
 $D = 1^\circ 27' 01''$   
 $R = 3,950.66'$   
 $T = 233.44'$   
 $L = 466.34'$   
 $E = 6.89'$   
 P.C. STA = 71+33.67  
 P.C.C. STA = 76+00.02

PROP. CURVE 64W-2  
 PI STA. = 79+29.11  
 $\Delta = 9^\circ 39' 54''$  (RT)  
 $D = 1^\circ 28' 19''$   
 $R = 3,892.58'$   
 $T = 329.09'$   
 $L = 656.62'$   
 $E = 13.89'$   
 P.C.C. STA = 76+00.02  
 P.C.C. STA = 82+56.64

PROP. CURVE 64W-3  
 PI STA. = 83+20.10  
 $\Delta = 2^\circ 30' 26''$  (RT)  
 $D = 1^\circ 58' 33''$   
 $R = 2,900.00'$   
 $T = 63.46'$   
 $L = 126.91'$   
 $E = 0.69'$   
 P.C.C. STA = 82+56.64  
 P.C.C. STA = 83+83.54

PROP. CURVE 64W-4  
 PI STA. = 85+63.51  
 $\Delta = 4^\circ 34' 49''$  (RT)  
 $D = 1^\circ 16' 24''$   
 $R = 4,500.00'$   
 $T = 179.97'$   
 $L = 359.74'$   
 $E = 3.60'$   
 P.C.C. STA = 83+83.54  
 P.C.C. STA = 87+43.28

PROP. CURVE 64W-5  
 PI STA. = 88+27.34  
 $\Delta = 3^\circ 30' 05''$  (RT)  
 $D = 2^\circ 05' 01''$   
 $R = 2,750.00'$   
 $T = 84.06'$   
 $L = 168.06'$   
 $E = 1.28'$   
 P.C.C. STA = 87+43.28  
 P.C.C. STA = 89+11.35

PROP. CURVE 64W-6  
 PI STA. = 90+75.92  
 $\Delta = 3^\circ 21' 59''$  (RT)  
 $D = 1^\circ 01' 23''$   
 $R = 5,600.16'$   
 $T = 164.57'$   
 $L = 329.05'$   
 $E = 2.42'$   
 P.C.C. STA = 89+11.35  
 P.T. STA = 92+40.39

MATCH LINE STA 62+00  
 WB I-64  
 SEE BELOW

**COORDINATE TABLES**

WB I-64				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14037929.58	2461791.44
PC	64W-1	71+33.67	14038494.22	2459733.83
PI	64W-1	73+67.12	14038555.99	2459292.43
PCC	64W-1, 64W-2	76+00.02	14038643.85	2459292.43
PI	64W-2	79+29.11	14038767.71	2458987.54
PCC	64W-2, 64W-3	82+56.64	14038940.99	2458707.77
PI	64W-3	83+20.10	14038974.41	2458653.81
PCC	64W-3, 64W-4	83+83.54	14039010.16	2458601.37
PI	64W-4	85+63.51	14039111.52	2458452.67
PCC	64W-4, 64W-5	87+43.28	14039224.44	2458312.54
PI	64W-5	88+27.34	14039277.18	2458247.08
PCC	64W-5, 64W-6	89+11.35	14039333.82	2458184.97
PI	64W-6	90+75.92	14039444.71	2458063.37
PT	64W-6	92+40.39	14039562.55	2457948.49
POT		113+49.39	14041072.69	2456476.31

EB I-64				
POINT	CURVE	STATION	NORTHING	EASTING
POT		26+70.53	14041244.03	2456272.79
POT		28+70.41	14041098.15	2456409.42
PC	64E-1	40+02.75	14040287.34	2457199.86
PI	64E-1	41+07.48	14040212.35	2457272.96
PT	64E-1	42+12.19	14040136.10	2457344.74
PC	64E-2	45+55.36	14039886.23	2457579.96
PI	64E-2	46+54.23	14039814.24	2457647.73
PT	64E-2	47+53.10	14039743.38	2457716.68
PC	64E-3	51+20.71	14039479.90	2457973.04
PI	64E-3	53+19.44	14039337.47	2458111.62
PCC	64E-3, 64E-4	55+17.76	14039211.15	2458265.04
PI	64E-4	58+88.81	14038975.31	2458551.49
PCC	64E-4, 64E-5	62+57.74	14038796.18	2458876.44
PI	64E-5	67+01.39	14038582.00	2459264.96
PT	64E-5	71+40.92	14038464.60	2459692.80
POT		93+25.24	14037886.56	2461799.25

RAMP B				
POINT	CURVE	STATION	NORTHING	EASTING
POT		10+00.00	14039100.85	2457932.54
PC	RAMPB-1	10+34.18	14039120.56	2457960.47
PI	RAMPB-1	12+04.26	14039218.65	2458099.41
PT	RAMPB-1	13+34.17	14039128.06	2458243.35
PC	RAMPB-2	16+85.54	14038940.91	2458540.73
PI	RAMPB-2	17+36.68	14038913.67	2458584.02
PT	RAMPB-2	17+87.82	14038887.21	2458627.78
POT		18+96.62	14038830.93	2458720.89

\* THREE-POINT TIE SET FOR THIS POINT

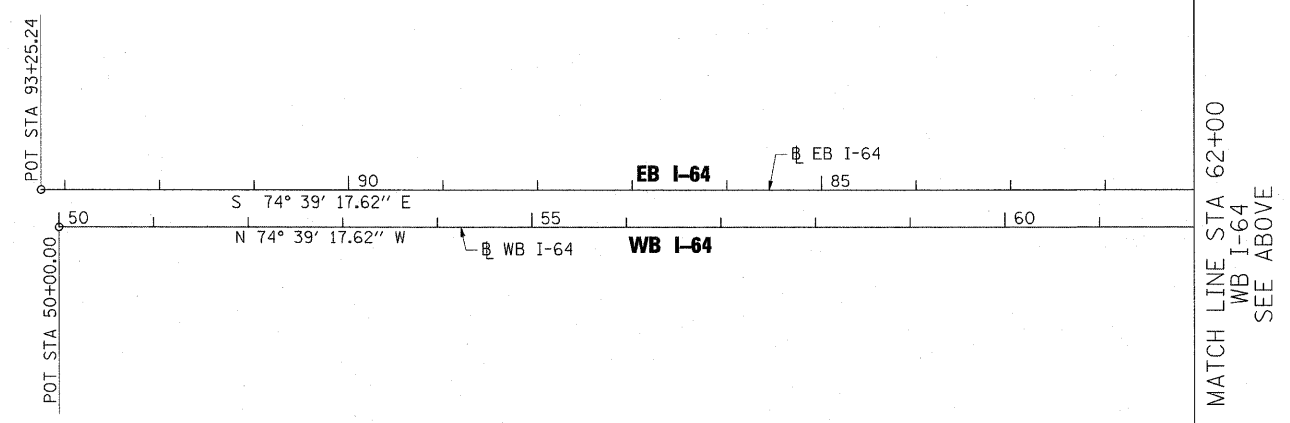
PROP. CURVE 64E-1  
 PI STA. = 41+07.48  
 $\Delta = 1^\circ 00' 00''$  (RT)  
 $D = 0^\circ 28' 39''$   
 $R = 12,000.00'$   
 $T = 104.72'$   
 $L = 209.44'$   
 $E = 0.46'$   
 P.C. STA = 40+02.75  
 P.T. STA = 42+12.19

PROP. CURVE 64E-2  
 PI STA. = 46+54.23  
 $\Delta = 0^\circ 56' 39''$  (LT)  
 $D = 0^\circ 28' 39''$   
 $R = 12,000.00'$   
 $T = 98.87'$   
 $L = 197.74'$   
 $E = 0.41'$   
 P.C. STA = 45+55.36  
 P.T. STA = 47+53.10

PROP. CURVE 64E-3  
 PI STA. = 53+19.44  
 $\Delta = 6^\circ 19' 10''$  (LT)  
 $D = 1^\circ 35' 30''$   
 $R = 3,600.00'$   
 $T = 198.73'$   
 $L = 397.06'$   
 $E = 5.48'$   
 P.C. STA = 51+20.71  
 P.C.C. STA = 55+17.76

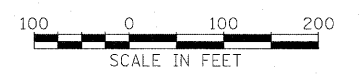
PROP. CURVE 64E-4  
 PI STA. = 58+88.81  
 $\Delta = 10^\circ 35' 58''$  (LT)  
 $D = 1^\circ 25' 57''$   
 $R = 4,000.00'$   
 $T = 371.05'$   
 $L = 739.97'$   
 $E = 17.17'$   
 P.C.C. STA = 55+17.76  
 P.C.C. STA = 62+57.74

PROP. CURVE 64E-5  
 PI STA. = 67+01.39  
 $\Delta = 13^\circ 31' 16''$  (LT)  
 $D = 1^\circ 31' 51''$   
 $R = 3,742.50'$   
 $T = 443.65'$   
 $L = 883.18'$   
 $E = 26.20'$   
 P.C.C. STA = 62+57.74  
 P.T. STA = 71+40.92

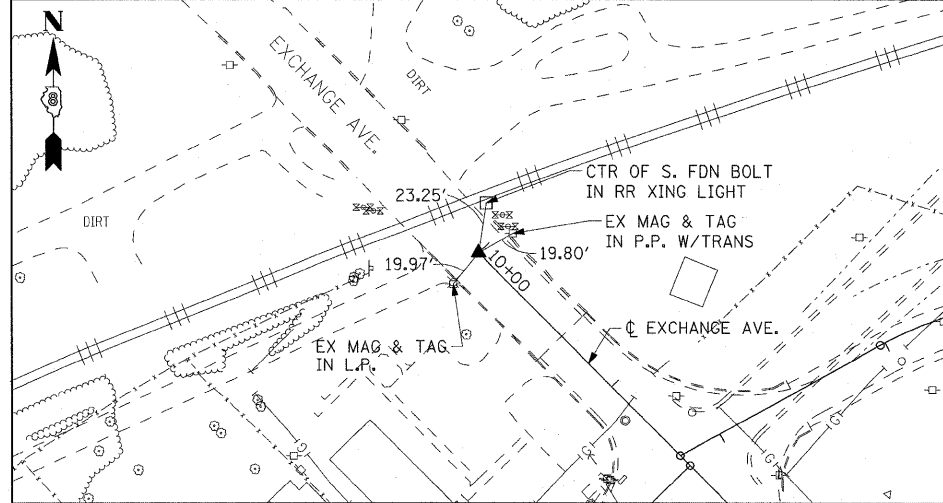


PROP. CURVE RAMPB-1  
 PI STA. = 12+04.26  
 $\Delta = 67^\circ 24' 17''$  (RT)  
 $D = 22^\circ 28' 08''$   
 $R = 255.00'$   
 $T = 170.08'$   
 $L = 299.99'$   
 $E = 51.52'$   
 $e = 8.0\%$   
 T.R. ATTAINMENT = 3'  
 S.E. RUN ATTAINMENT = 167'  
 T.R. REMOVAL = 0'  
 S.E. RUN REMOVAL = 167'  
 P.C. STA = 10+34.18  
 P.T. STA = 13+34.17

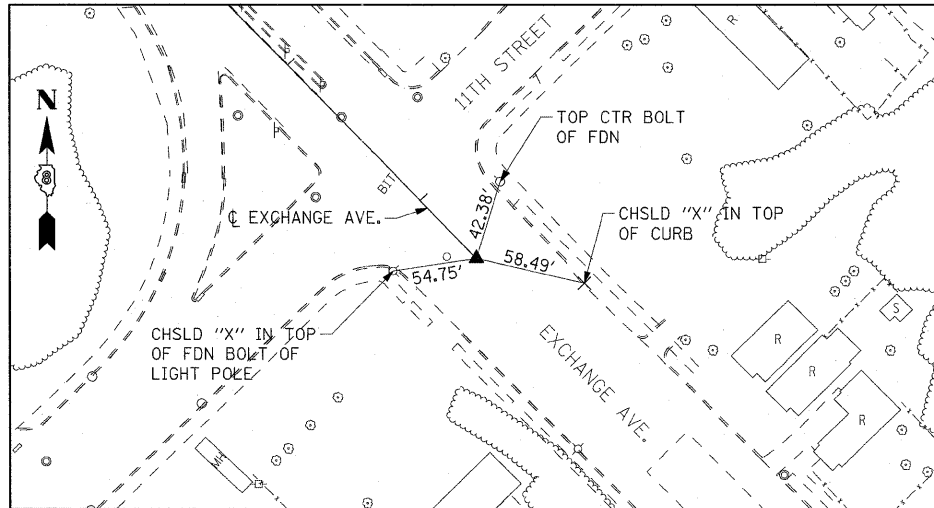
PROP. CURVE RAMPB-2  
 PI STA. = 17+36.68  
 $\Delta = 1^\circ 01' 55''$  (LT)  
 $D = 1^\circ 00' 32''$   
 $R = 5,679.66'$   
 $T = 51.14'$   
 $L = 102.28'$   
 $E = 0.23'$   
 $e = 1.1\%$  (MATCH EXISTING)  
 P.C. STA = 16+85.54  
 P.T. STA = 17+87.82



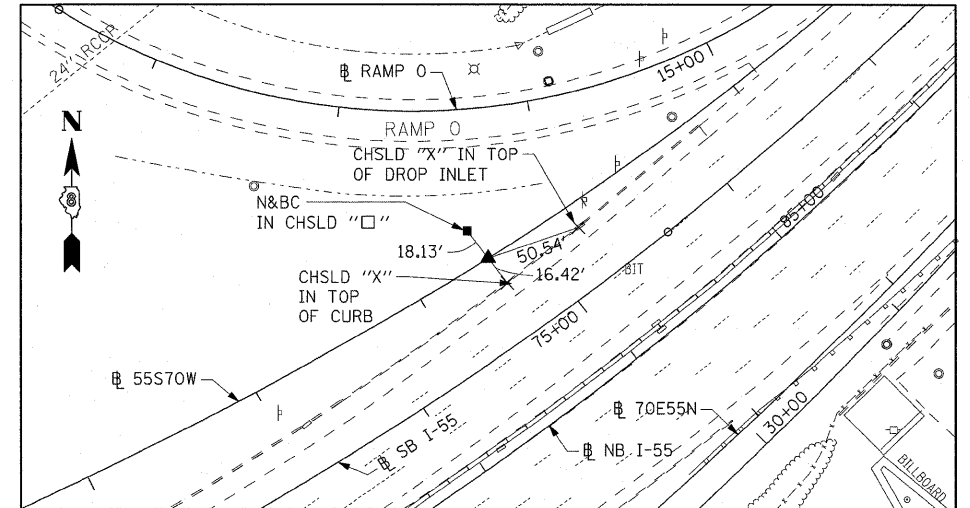
EXCHANGE AVENUE  
 POT STA 10+00.00  
 SET MEG NAIL IN CONC. CRACK W/CHSLD "X"  
 (CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



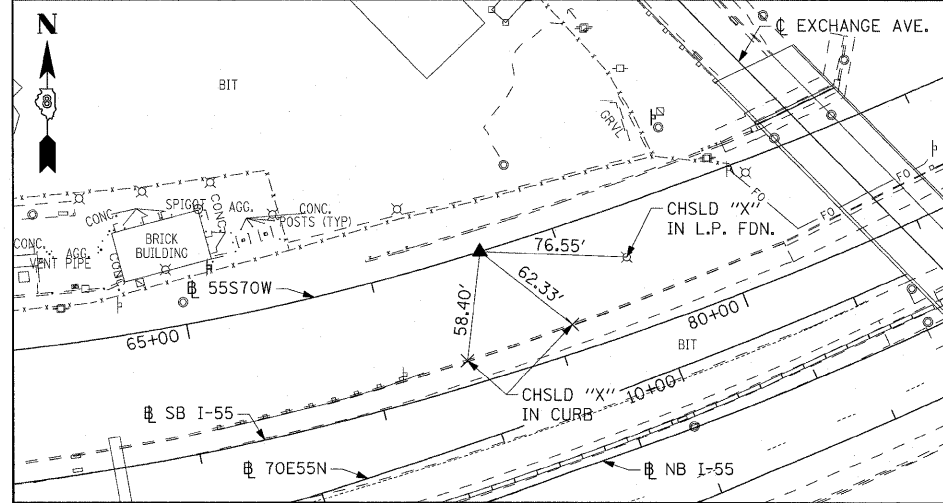
EXCHANGE AVENUE  
 POT STA 27+42.42  
 SET MEG NAIL IN CHSLD "□" W/CHSLD "X"



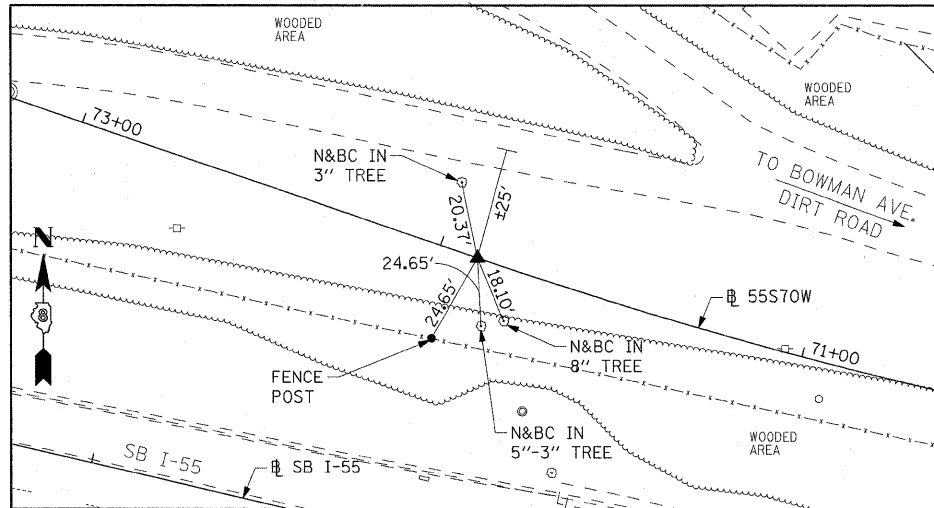
55S70W  
 PCC STA 57+58.25  
 SET 5/8" REBAR W/RED CAP FLUSH W/GR



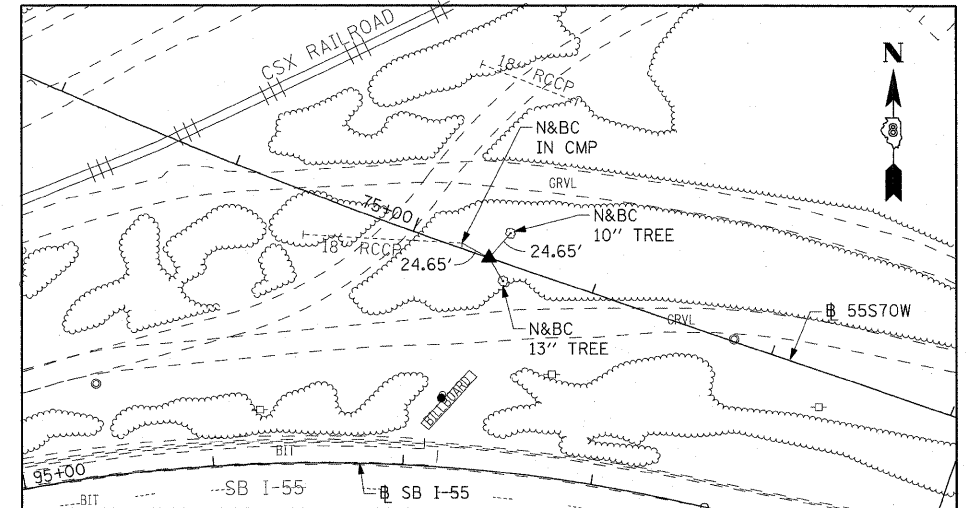
55S70W  
 PCC STA 63+40.22  
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 (CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



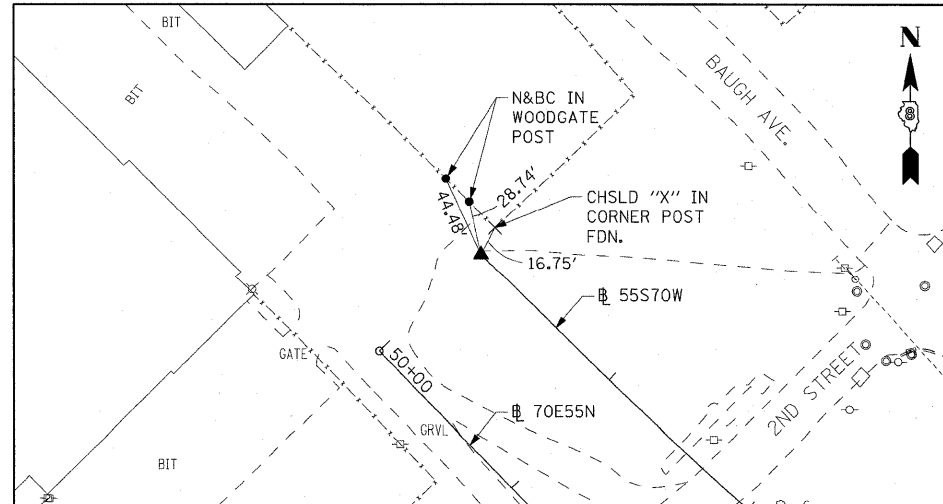
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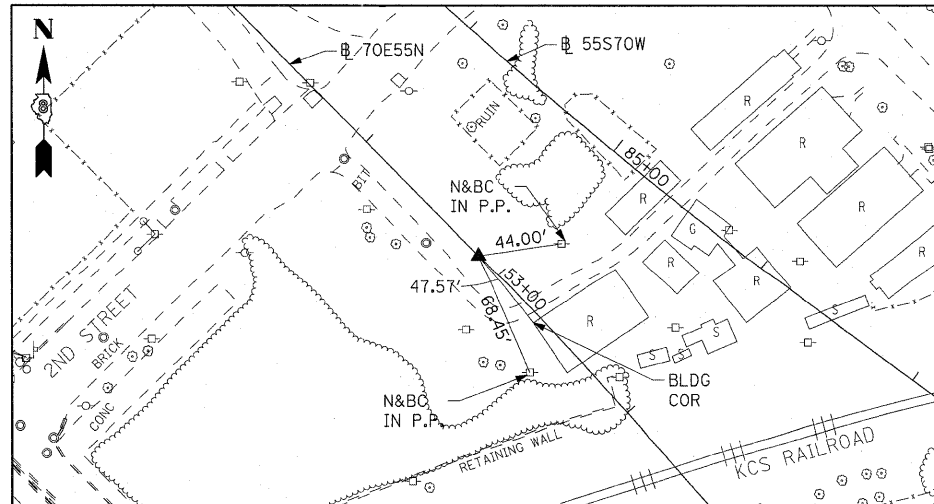
55S70W  
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 SET 5/8" REBAR W/RED LIN TRAV. PT CAP



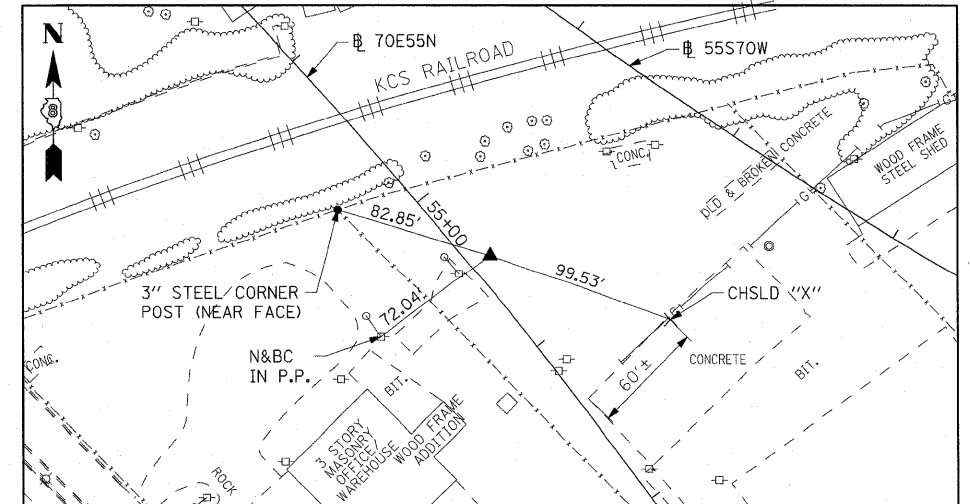
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 (CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



70E55N  
 PC STA 52+85.08  
 5/8" I. PIN W/YELLOW CAP

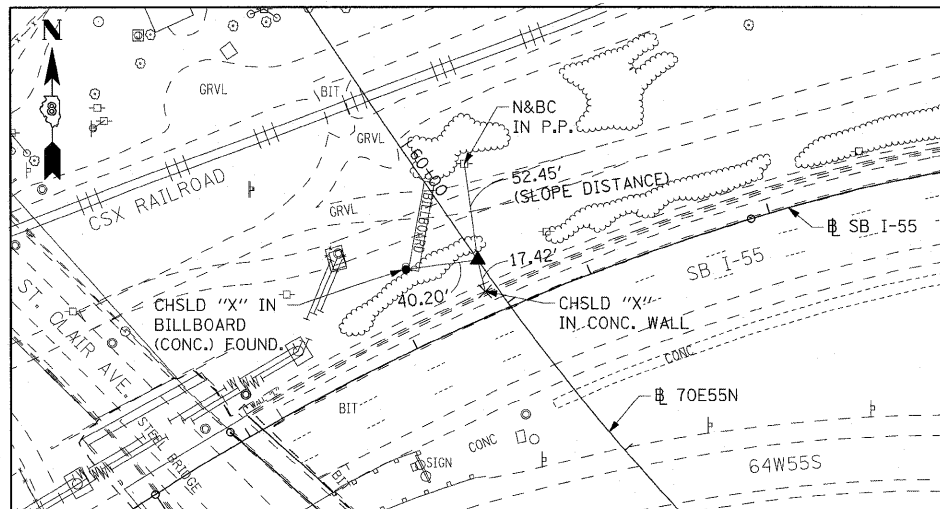


70E55N  
 PI STA 55+46.88  
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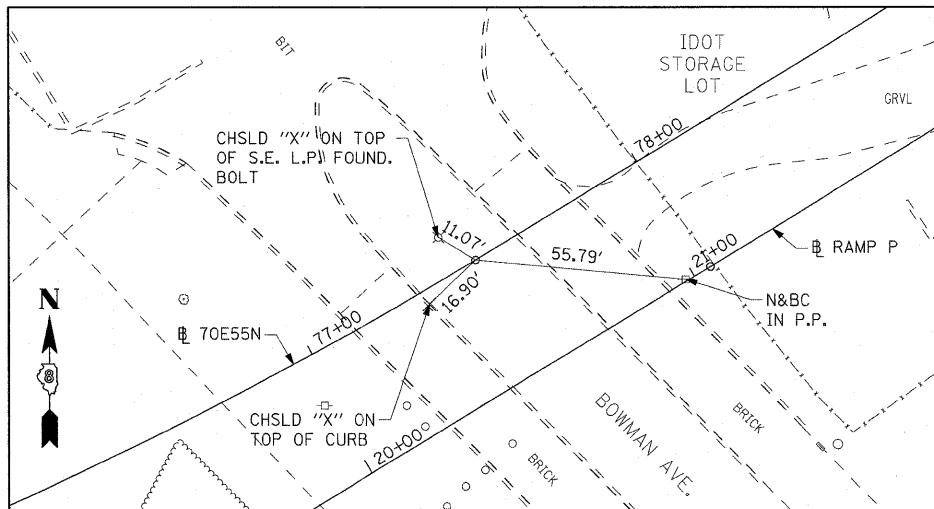


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	PLOT DATE = 12/29/2010	CHECKED DBM	REVISED -			CONTRACT NO. 76C54					
		DATE JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
						SCALE: NONE	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.		

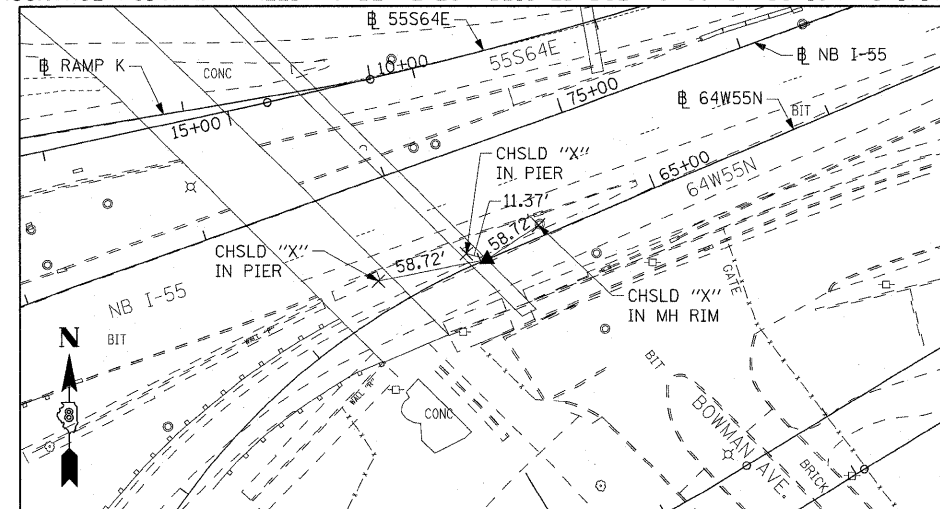
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PC 60+72.28  
5/8" I. PIN W/YELLOW CAP



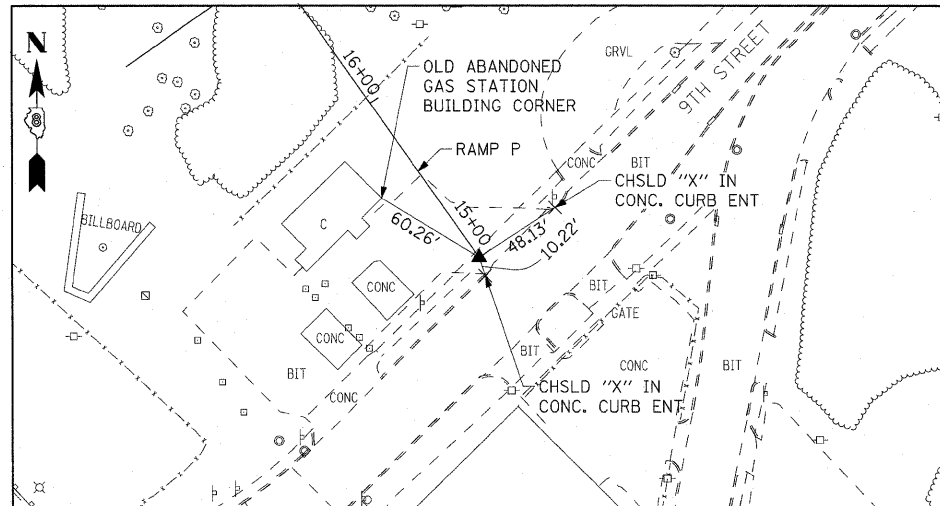
70E55N  
PC 77+49.99  
5/8" I. PIN



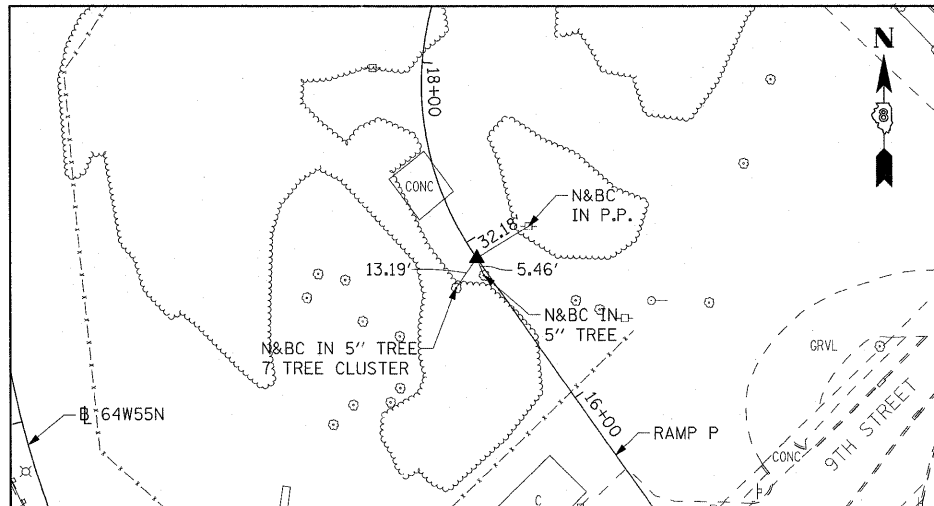
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(CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



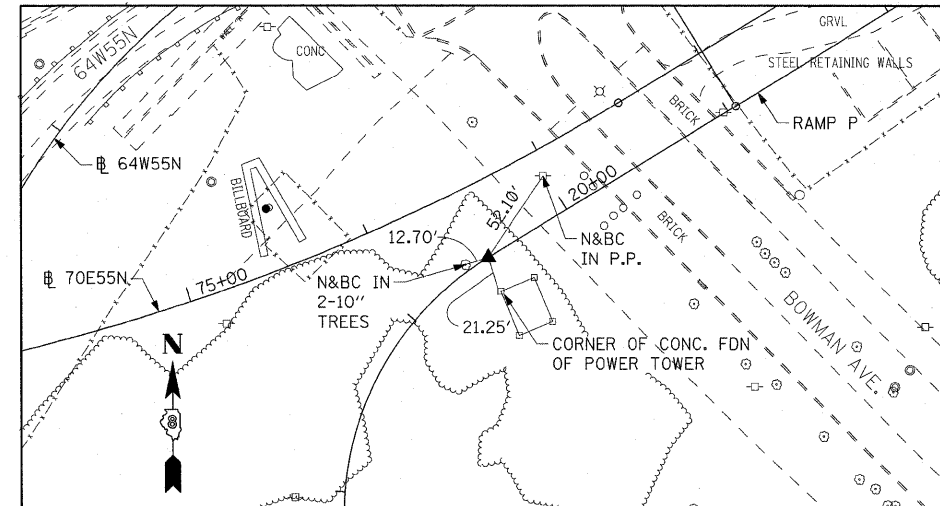
RAMP P  
POT STA 15+00 = 520+44.97 (BAUGH)  
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(CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



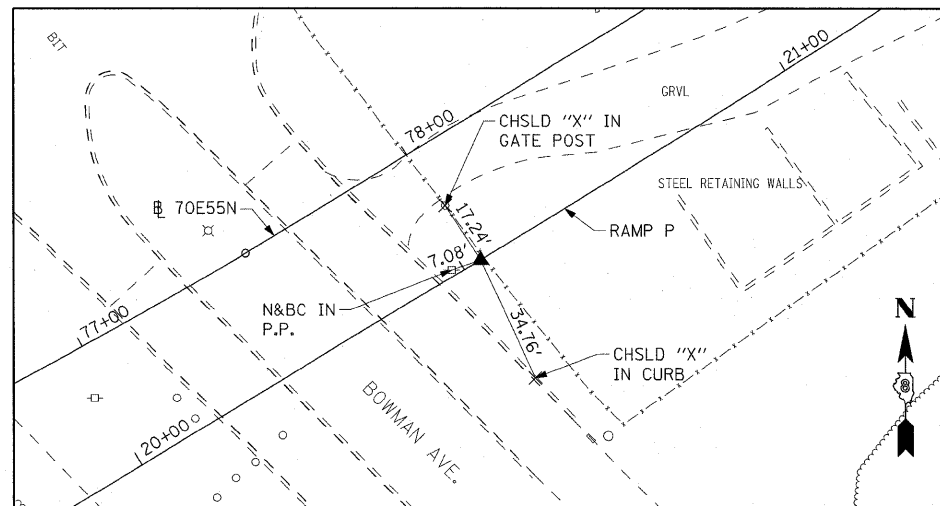
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PC STA 16+90.04  
SET 5/8" REBAR W/RED CAP FLUSH W/GR



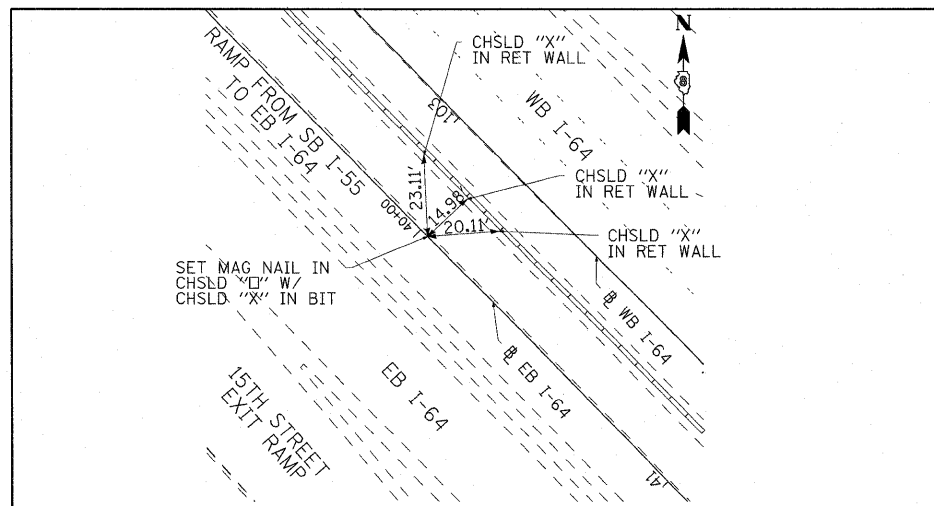
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PT STA 19+51.32  
SET 5/8" REBAR W/RED CAP FLUSH W/GR



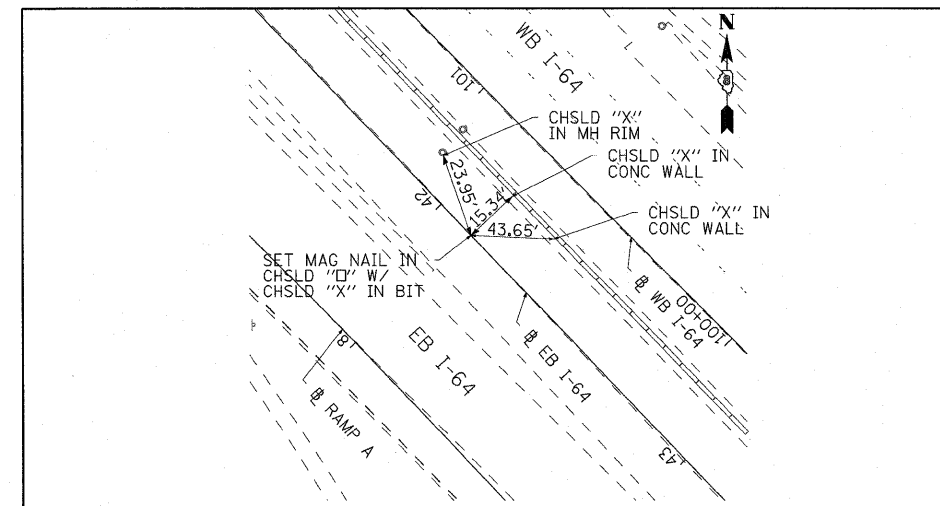
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PC STA 21+04.96  
SET 5/8" REBAR W/RED LIN ENG. CAP FLUSH W/GR



EB I-64  
PC STA 40+02.75  
SET MAG NAIL IN CHSLD "□" W/CHSLD "X"



EB I-64  
PT STA 42+12.19  
SET MAG NAIL IN CHSLD "□" W/CHSLD "X"



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#FILE#

USER NAME = lertzt  
PLOT SCALE = 50,0000' / IN.  
PLOT DATE = 12/29/2010

DESIGNED CRH  
DRAWN CRH  
CHECKED DBM  
DATE JANUARY 4, 2011

REVISED -  
REVISED -  
REVISED -  
REVISED -

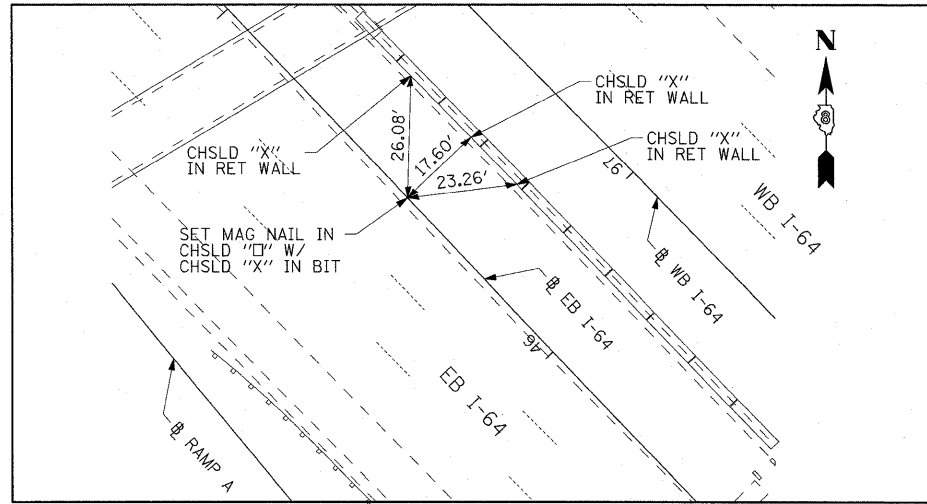
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

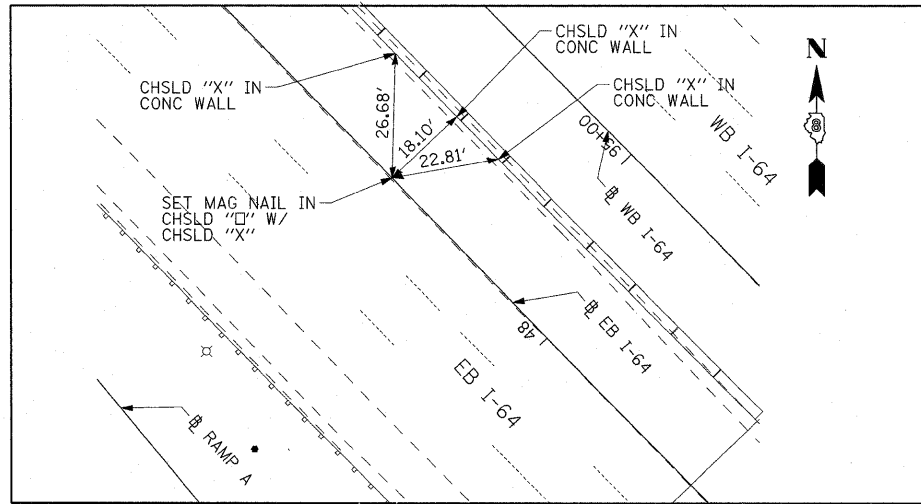
SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/64	B2-1L	ST. CLAIR	60	12
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76C54	

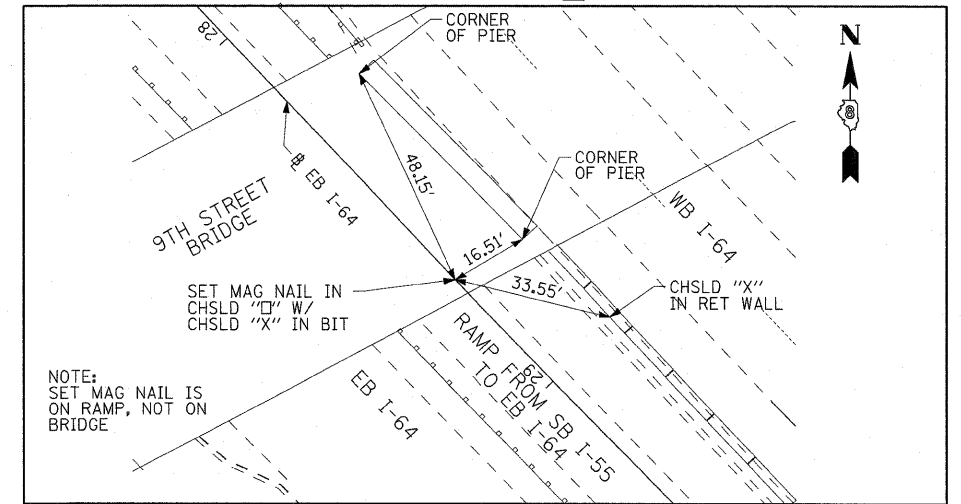
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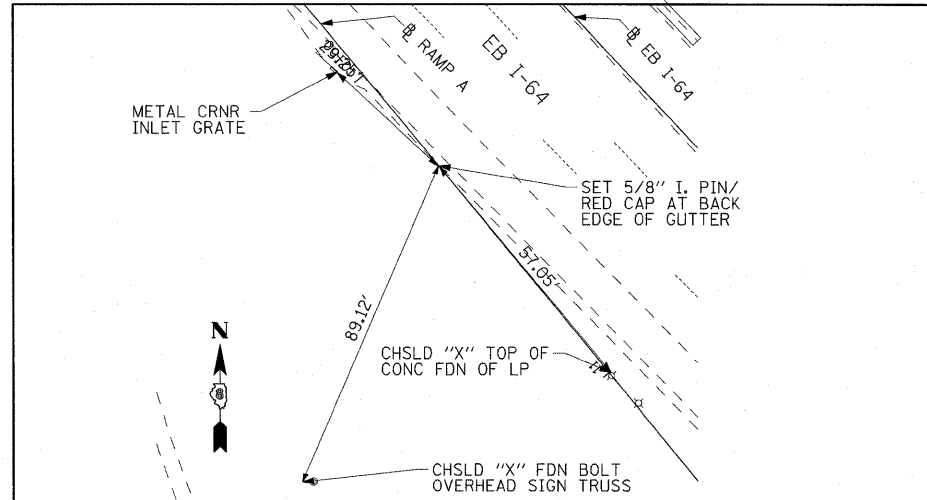
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PT STA 47+53.10  
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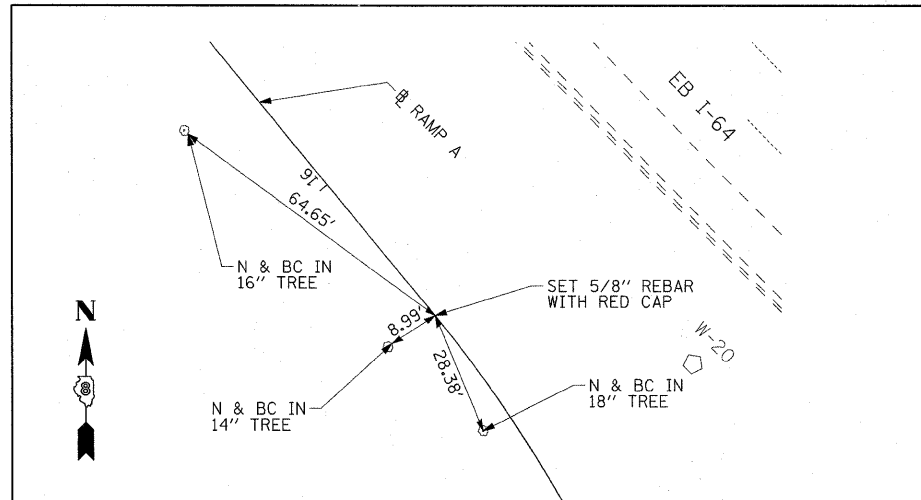
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POT STA 28+70.41  
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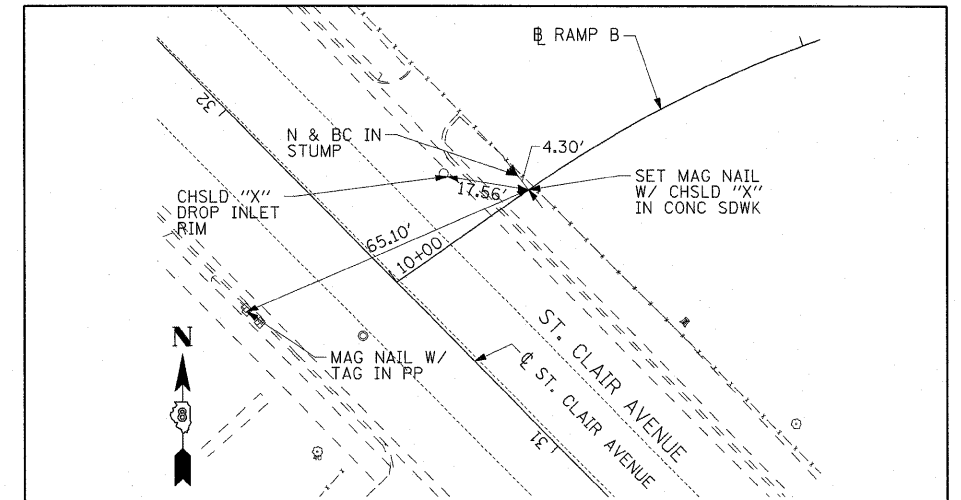
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PT STA 10+30.50  
SET 5/8" I. PIN W/ RED CAP



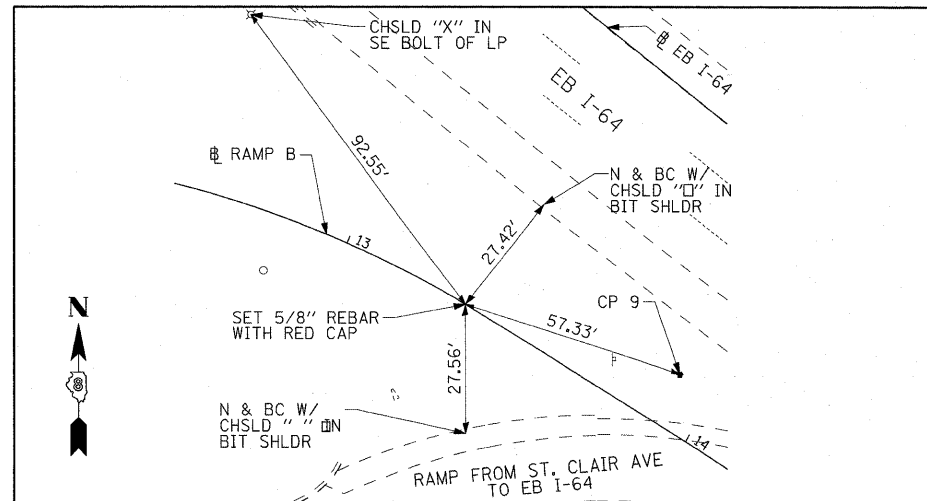
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PT STA 16+36.03  
SET 5/8" REBAR W/ RED CAP



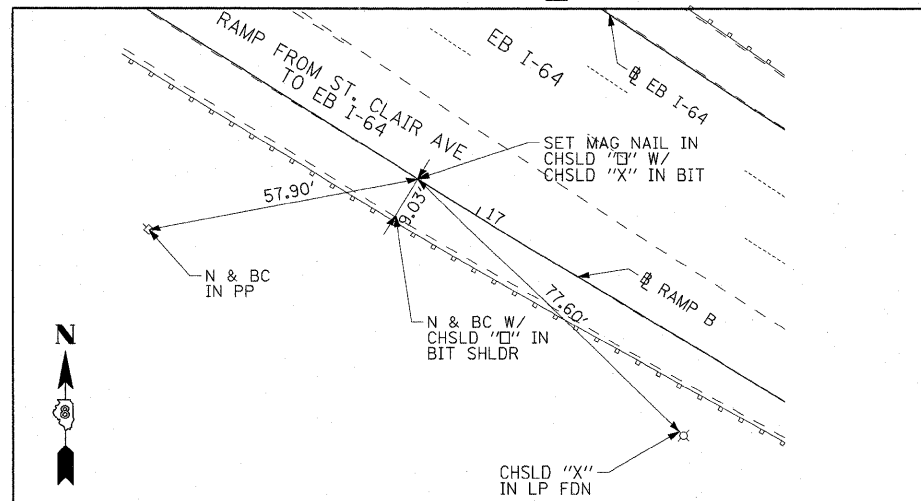
RAMP B  
PT STA 10+34.18  
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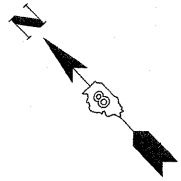
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PT STA 13+34.17  
SET 5/8" REBAR W/ RED CAP



RAMP B  
PT STA 16+85.54  
SET MAG NAIL IN CHSLD "□" W/CHSLD "X"



FILE NAME =	USER NAME = jentzt	DESIGNED - CRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES AND BENCHMARKS</b>		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/29/2010	CHECKED - DBM	REVISED -				CONTRACT NO. 76C54				
		DATE - JANUARY 4, 2011	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.				



UNKNOWN	ABANDONED SANITARY
→	FORCE MAIN
→	FORCE MAIN (QL "D")
→	CABLE TV
→	TELEPHONE
→	GAS
→	GAS (QL "D")
→	RETIRED GAS
→	ELECTRIC
→	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, 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

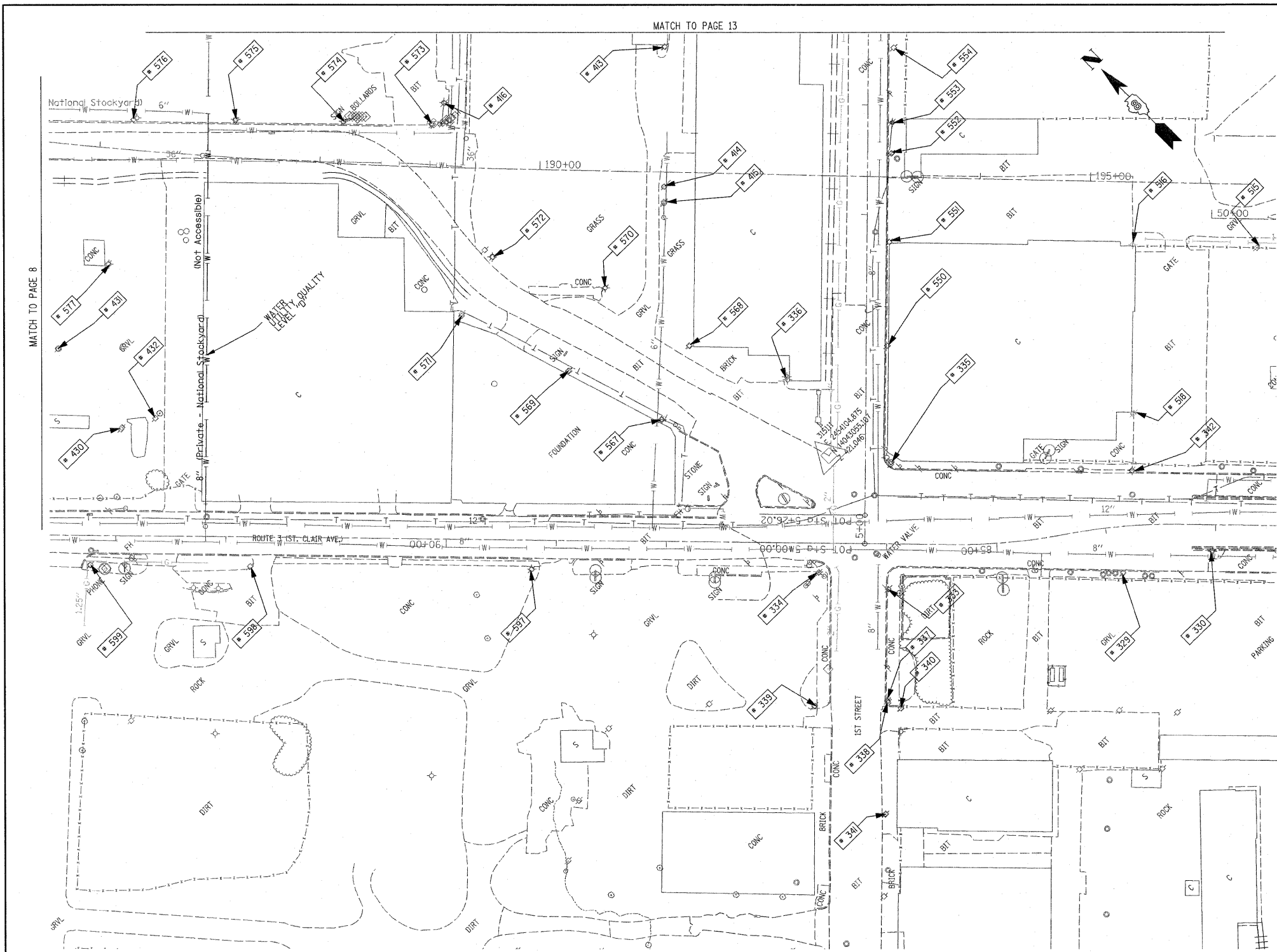
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	PLOT SCALE =	CHECKED <i>JB</i>	REVISED
	PLOT DATE =	DATE <i>9/15/09</i>	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

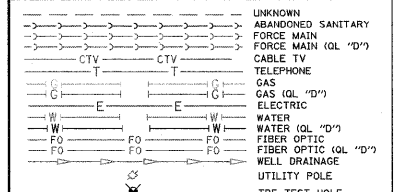
**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	14
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
329	242' CL FIRST & ST. CLAIR	19032	ELECTRIC / FIBER	AMEREN ELECTRIC	E.W. LIGHT
330	323' CL FIRST & ST. CLAIR	723648	ELECTRIC	AMEREN ELECTRIC	SW LIGHT
333	SW CORNER FIRST & ST. CLAIR	NO TAG	TELEPHONE	AT&T	
334	NW CORNER FIRST & ST. CLAIR	19033	ELECTRIC/FIBER	AMEREN ELECTRIC	LIGHT & GUY S.
335	SE CORNER FIRST & ST. CLAIR	726190	ELECTRIC	AMEREN ELECTRIC	2 GUY E.
336	NE CORNER FIRST & ST. CLAIR	739142	NO UTILITIES		LIGHT NW
337	153' S. OF ST. CLAIR	NO TAG	NO UTILITIES		
338	156' S. OF ST. CLAIR	723675	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
339	158' S. OF ST. CLAIR	814	TELEPHONE	AT&T	
340	158' S. OF ST. CLAIR	NO TAG	NO UTILITIES		
341	263' S. OF ST. CLAIR	723684	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	TRANSFORMER
342	225' E. OF FIRST ON N SIDE ST. CLAIR	723646	ELECTRIC	AMEREN ELECTRIC	LIGHT N.S.
413	W. OF POLE 412	NO TAG	ELECTRIC	AMEREN ELECTRIC	
414	SW OF POLE 413	NO TAG	ELECTRIC	AMEREN ELECTRIC	
415	SW OF POLE 414	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY - SW
416	N OF POLE 414	NO TAG	TELEPHONE	AT&T	GUY - W
430	SW OF POLE 577	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE
431	N OF POLE 430	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT, METER
432	S OF POLE 430	747040	ELECTRIC	AMEREN ELECTRIC	LIGHT
515	NW OF POLE 366	723644	NO UTILITIES		LIGHT
516	W OF POLE 393 NW OF POLE 515	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
518	NE OF POLE 342	21 2488	ELECTRIC	AMEREN ELECTRIC	LIGHT
550	170' N OF ST. CLAIR & 1ST ST. CL ON E/S	726191	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
551	265' N OF ST. CLAIR & 1ST ST. CL ON E/S	726192	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
552	348' N OF ST. CLAIR & 1ST ST. CL ON E/S	726193	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TRANSFORMER
553	373' N OF ST. CLAIR & 1ST ST. CL ON E/S	NO TAG	TELEPHONE	AT&T	
554	442' N OF ST. CLAIR & 1ST ST. CL ON E/S	726194	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
567	197' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	739143	ELECTRIC	AMEREN ELECTRIC	LIGHT
568	206' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739141	ELECTRIC	AMEREN ELECTRIC	
569	289' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	NO TAG	ELECTRIC	AMEREN ELECTRIC	
570	297' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739140	ELECTRIC	AMEREN ELECTRIC	
571	395' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	NO TAG	ELECTRIC	AMEREN ELECTRIC	
572	408' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739139	ELECTRIC	AMEREN ELECTRIC	LIGHT
573	529' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739137	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT & GUY - S.E.
574	677' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739136	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
575	677' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739135	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	LIGHT
576	767' N OF FRONT ST & 1ST ST. CL ON E/S OF FRONT	739134	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
577	790' N OF FRONT ST & 1ST ST. CL ON W/S OF FRONT	747038	ELECTRIC	AMEREN ELECTRIC	LIGHT
597	301' W OF 1ST ST CL ON S/S OF ST. CLAIR	19034	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT
598	556' W OF 1ST ST CL ON S/S OF ST. CLAIR	19035	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT
599	701' W OF 1ST ST CL ON S/S OF ST. CLAIR	723694	ELECTRIC, FIBER	AMEREN ELECTRIC	LIGHT



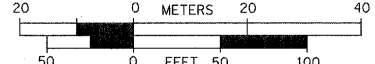
Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was finished on 5/22/09. Changes to utilities 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



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 PLANNING • UTILITY ENGINEERING/LOCATING



Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 TBE Job No. IL09500601, 602, 603, 604, 601, 608, 609  
 SUE Plan Pages: 3 of 35

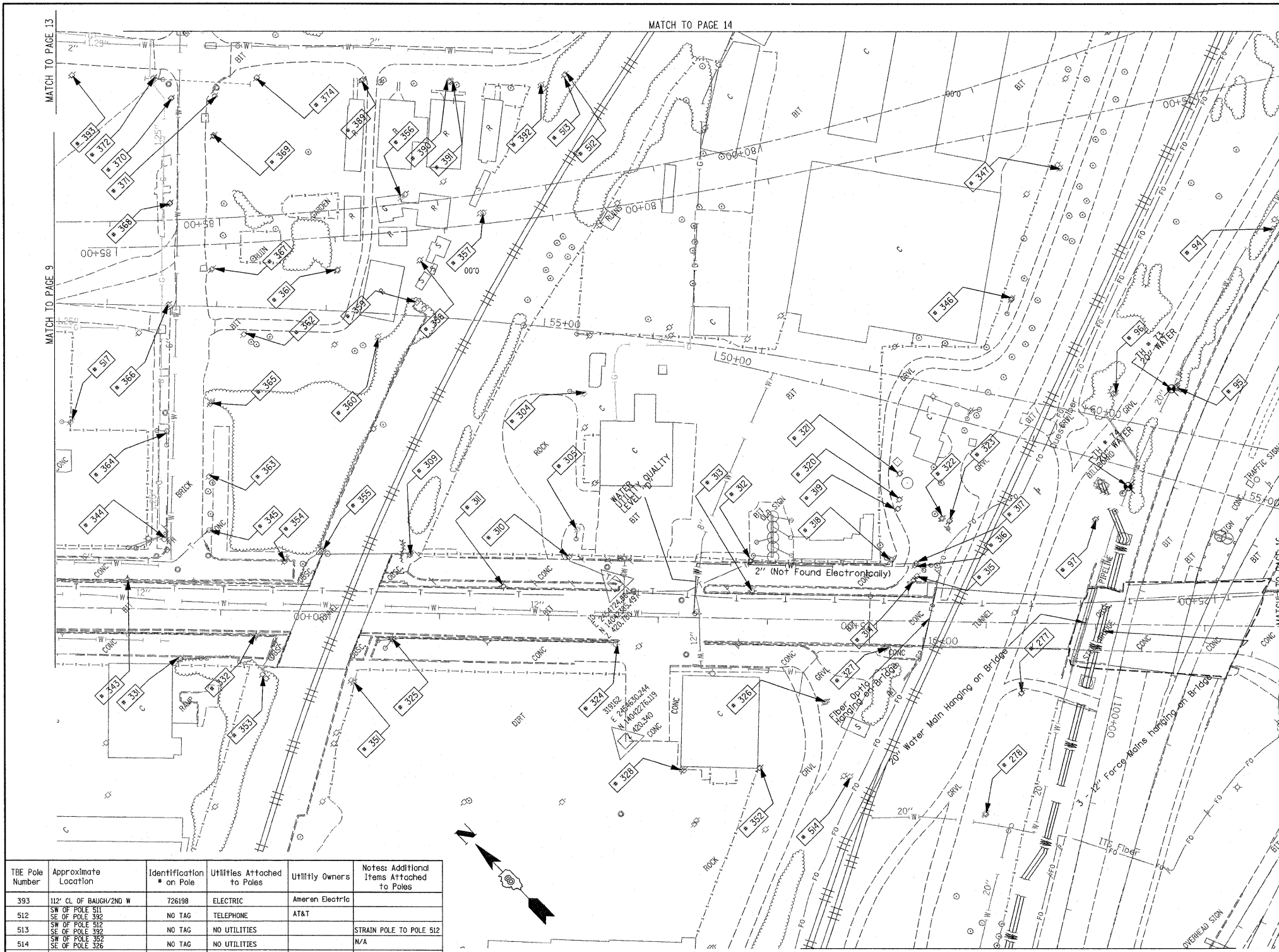
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		DATE 9/15/09	REVISOR

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

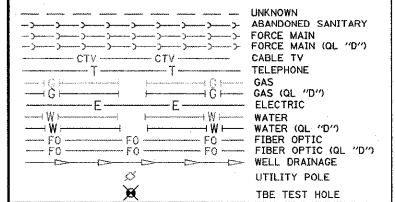
SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	15
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
94	742' N. OF 7TH ST. CL	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
95	921' N. OF 7TH ST. CL	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
96	957' N. OF 7TH ST. CL	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
97	1069' N. OF 7TH ST. CL	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC TO BILLBOARD
277	W. OF POLE 97	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE
278	180' S.W. COLLINSVILLE AVE. AT STA 12450	NO TAG	ELECTRIC	AMEREN ELECTRIC	ELECTRIC - N.S.
304	NE CORNER OF 225 BUILDING ON ST. CLAIR ST.	726278	ELECTRIC	AMEREN ELECTRIC	GUY N. & E., LIGHT, TRANSFORMER, GUY TO S.
305	SW CORNER OF 225 BUILDING ON ST. CLAIR ST.	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	GUY TO S.
309	N. OF POLE #310	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY TO E.
310	W. OF POLE #305	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TELEPHONE DROP
311	N.W. OF POLE #310	726275	ELECTRIC	AMEREN ELECTRIC	LIGHT
312	S. OF POLE #310	726282	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TELEPHONE DROP
313	W. OF POLE #312	E1637	ELECTRIC	AMEREN ELECTRIC	LIGHT
314	SE OF POLE #313	726284	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, METER
315	W. OF POLE #316 NEXT TO POLE #314	726285	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	METER
316	S. OF POLE #316 NEXT TO POLE #317	NO TAG	NO UTILITIES		
317	E. OF POLE #314	726283	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	TRANSFORMER, GUY TO S., TELEPHONE DROP
318	S. OF POLE #312	NO TAG	TELEPHONE	AT&T	
319	E. OF POLE #318	NO TAG	TELEPHONE	AT&T	
320	E. OF POLE #319	NO TAG	NO UTILITIES		
321	E. OF POLE #320	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	GUY TO E., METER
322	S. OF POLE # 319	NO TAG	NO UTILITIES		GUY TO E.
323	S. OF POLE # 322	NO TAG	NO UTILITIES		GUY TO E.
324	S.W. OF POLE # 310	726298	ELECTRIC	AMEREN ELECTRIC	LIGHT
325	N. OF POLE # 324	726294	ELECTRIC	AMEREN ELECTRIC	GUY TO W., LIGHT
326	S.W. OF POLE # 313	726287	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
327	N.W. OF POLE #326	726286	ELECTRIC	AMEREN ELECTRIC	LIGHT
328	S.W. OF POLE # 324	726289	ELECTRIC	AMEREN ELECTRIC	LIGHT
331	490' CL FIRST & ST. CLAIR	19031	ELECTRIC, FIBER	AMEREN ELECTRIC	GUY S.
332	S. 560' FIRST & ST. CLAIR	723647	ELECTRIC	AMEREN ELECTRIC	GUY S., ELECTRIC N.
343	445' S. OF ST. CLAIR	723645	LIGHT		LIGHT N.
344	N.W. CORNER 2ND & ST. CLAIR	19030	ELECTRIC, FIBER	AMEREN ELECTRIC	GUY W., LIGHT
345	N.E. CORNER 2ND & ST. CLAIR	NO TAG	NO UTILITIES		GUY S.W.
346	E. OF POLE 323/322	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
347	E. OF POLE 346	NO TAG	TELEPHONE	AT&T	LIGHT
351	W. OF POLE 325	NO TAG	ELECTRIC	AMEREN ELECTRIC	LIGHT
352	S. OF POLE 328	726288	ELECTRIC	AMEREN ELECTRIC	LIGHT
353	S.W. OF POLE 332	NO TAG	TELEPHONE	AT&T	
354	E. OF POLE 332	726273	ELECTRIC	AMEREN ELECTRIC	
355	S. OF POLE 354	NO TAG	TELEPHONE	AT&T	GUY CUT OFF
356	N. OF POLE 357	737166	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE
357	S. OF POLE 356	NO TAG	TELEPHONE	AT&T	TELEPHONE CUT
358	W. OF POLE 357	737167	ELECTRIC	AMEREN ELECTRIC	ELECTRIC SERVICE CUT
359	W. OF POLE 358	NO TAG	TELEPHONE	AT&T	
360	N.E. OF POLE 359	737168	NO UTILITIES		GUY E.
361	E. OF POLE 360	NO TAG	NO UTILITIES		
362	W. OF POLE 361	737169	NO UTILITIES		
363	89' OF CL 2ND/N ST. CLAIR	NO TAG	TELEPHONE	AT&T	
364	127' OF CL 2ND/N ST. CLAIR	19029	TELEPHONE, ELECTRIC	AMEREN ELECTRIC	LIGHT
365	152' OF CL OF 2ND/N ST. CLAIR	NO TAG	TELEPHONE	AT&T	
366	244' CL OF 2ND/N ST. CLAIR	19028	TELEPHONE, ELECTRIC	AMEREN ELECTRIC	ALL UTILITIES
367	276' CL OF 2ND/N ST. CLAIR	NO TAG	TELEPHONE	AT&T	
368	338' CL OF 2ND/N ST. CLAIR	19027	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	TRANSFORMER
369	399' CL OF 2ND/N ST. CLAIR	NO TAG	TELEPHONE	AT&T	
370	434' CL OF 2ND/N ST. CLAIR	19026	TELEPHONE, ELECTRIC	AMEREN ELECTRIC	LIGHT
371	434' CL OF 2ND/N ST. CLAIR	NO TAG	TELEPHONE	AT&T	
372	N.W. CORNER OF BAUGH/2ND	726199	ELECTRIC	AMEREN ELECTRIC	
374	S.W. CORNER OF BAUGH/2ND	737162	TELEPHONE	AT&T	
389	158' CL OF BAUGH/2ND E	737163	TELEPHONE	AT&T	
390	237' CL OF BAUGH/2ND E	NO TAG	TELEPHONE	AT&T	
391	238' CL OF BAUGH/2ND E	737164	TELEPHONE	AT&T	
392	327' CL OF BAUGH/2ND E	737165	TELEPHONE	AT&T	GUY E., LIGHT

TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
393	112' CL OF BAUGH/2ND W	726198	ELECTRIC	Ameren Electric	
512	SW OF POLE 511	NO TAG	TELEPHONE	AT&T	
513	SW OF POLE 512	NO TAG	NO UTILITIES		STRAIN POLE TO POLE 512
514	SW OF POLE 512	NO TAG	NO UTILITIES		N/A
517	W OF POLE 366	NO TAG	NO UTILITIES		LIGHT



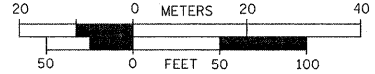
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 TBE Job No. IL09500691, 603, 603, 604, 601, 603, 609  
 SUE Plan Pages: 10 of 35

FILE NAME =	USER NAME =	DESIGNED <i>EG, JP, LP</i>	REVISED <i>7/28/09 - 8/26/09 ADDED TEST HOLES #60-108</i>
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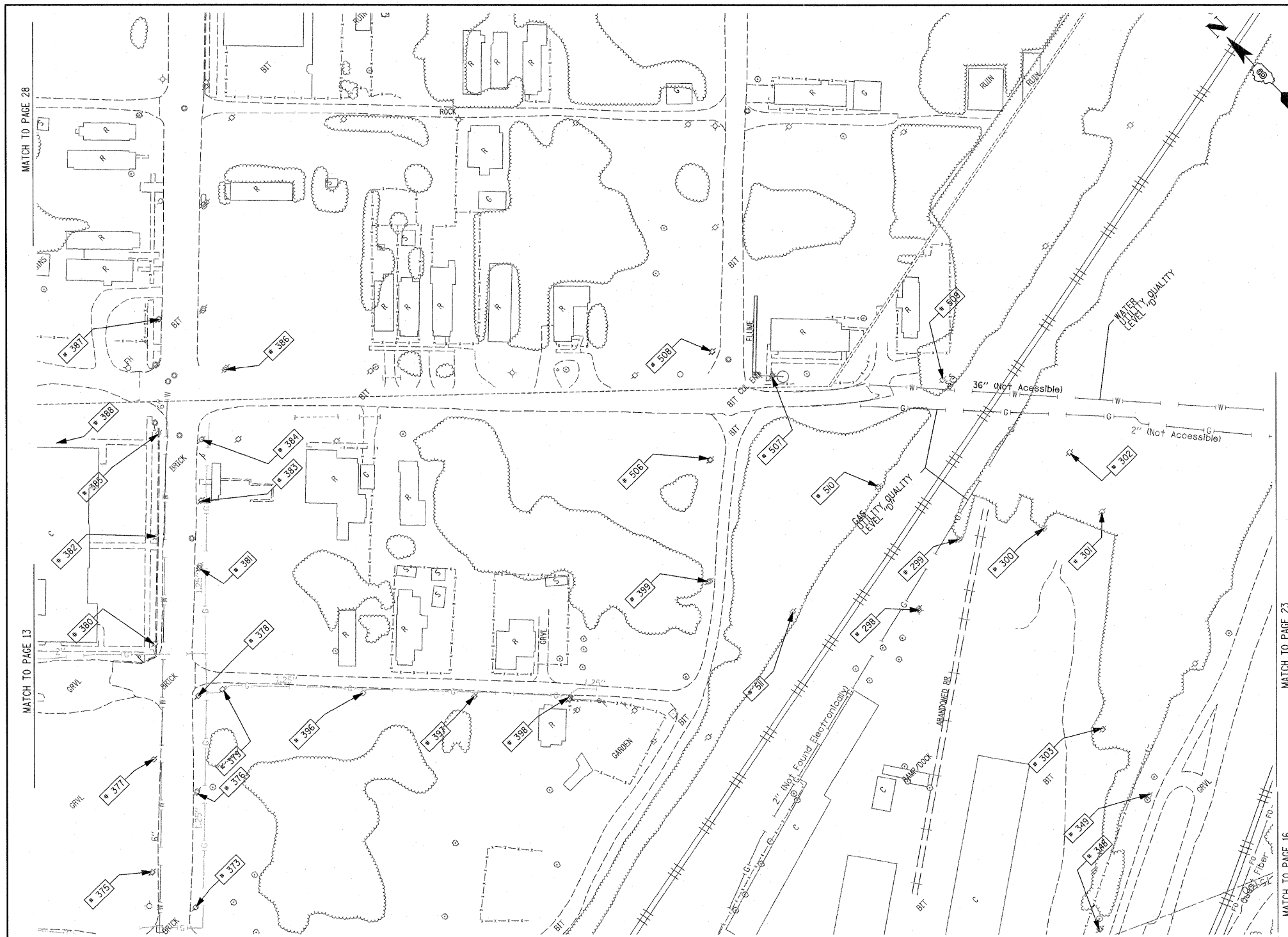
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**Mississippi River Bridge Project**

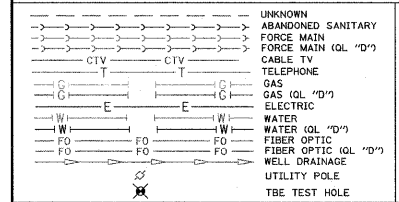
SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	16
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
298	SOUTH SIDE RR TRACKS	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
299	SOUTH SIDE RR TRACKS 62' NE OF POLE #298	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	GUY EAST, LIGHT
300	SOUTH SIDE RR TRACKS 85' SE OF POLE #299	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
301	SOUTH SIDE RR TRACKS 110' NE OF POLE #299	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
302	SOUTH SIDE RR TRACKS 205' SE OF POLE #301	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
303	SOUTH SIDE RR TRACKS 150' W OF POLE #302	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
348	E. OF POLE 347	NO TAG	TELEPHONE SERVICE	AT&T	TELEPHONE CUT DOWN
349	N. OF POLE 348	NO TAG	TELEPHONE SERVICE	AT&T	
373	SE CORNER OF BAUGH/2ND	NO TAG	TELEPHONE	AT&T	
375	NW CORNER OF BAUGH/2ND	19025	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	
376	150' CL. OF BAUGH/2ND	NO TAG	TELEPHONE	AT&T	
377	179' CL. OF BAUGH/2ND	19024	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	
378	236' CL. OF BAUGH/2ND	NO TAG	TELEPHONE	AT&T	
379	243' CL. OF BAUGH/2ND	737158	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
380	284' CL. OF BAUGH/2ND	19023	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TRANSFORMER & LIGHT
381	355' CL. OF BAUGH/2ND	NO TAG	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	
382	383' CL. OF BAUGH/2ND	19022	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
383	414' CL. OF BAUGH/2ND	NO TAG	TELEPHONE	AT&T	
384	SW CORNER 2ND/BOMAN	NO TAG	TELEPHONE	AT&T	
385	NW CORNER 2ND/BOMAN	19021	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
386	SE CORNER 2ND/BOMAN	726267	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	
387	NE CORNER 2ND/BOMAN	19020	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
388	N OF POLE 385	NO TAG	TELEPHONE, ELECTRIC	AMEREN ELECTRIC, AT&T	LIGHT
396	171' CL. OF REAR BAUGH/2ND E	737159	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
397	270' CL. OF REAR BAUGH/2ND E	737160	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
398	358' CL. OF REAR BAUGH/2ND	737161	CATV, TELEPHONE, ELECTRIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY
399	473' CL. OF REAR BAUGH/2ND	726260	ELECTRIC	AMEREN ELECTRIC	LIGHT - GUY TO S
506	NE OF POLE 399	726259	ELECTRIC	AMEREN ELECTRIC	
507	SE OF POLE 506' 3RD/BOMAN	726261	ELECTRIC	AMEREN ELECTRIC	LIGHT - GUY TO SE
508	NE OF POLE 506' 3RD/BOMAN	726258	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	TRANSFORMER
509	SE OF POLE 507	726262	ELECTRIC	AMEREN ELECTRIC	
510	W OF POLE 509' S OF POLE 507	NO TAG	TELEPHONE	AT&T	TELEPHONE CUT DOWN
511	W OF POLE 510	NO TAG	TELEPHONE	AT&T	TELEPHONE CUT DOWN



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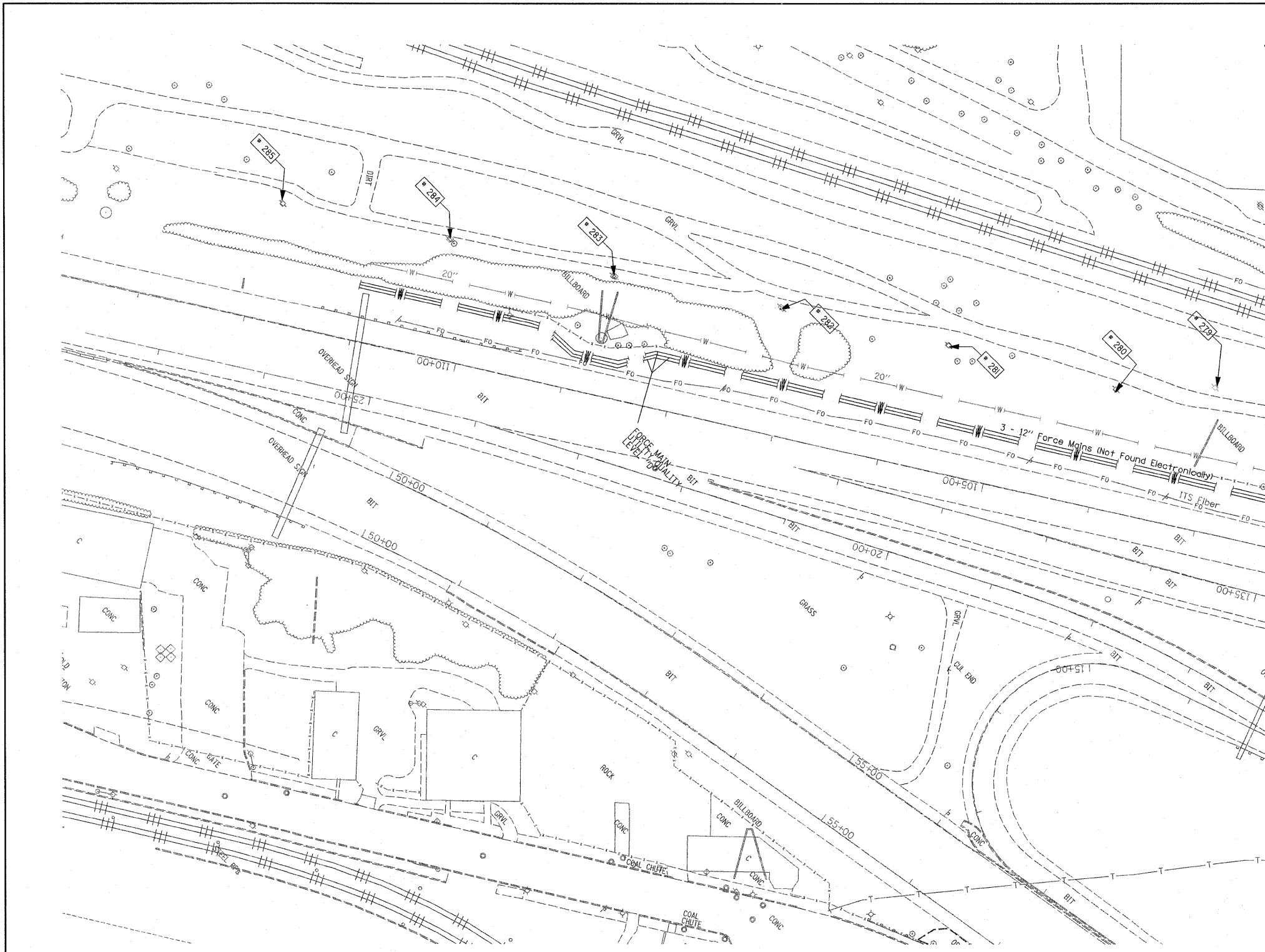
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 SUE Plan 6008 14 of 35

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

**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	60	17
							PTB NO. 147-038	
							FED. ROAD DIST. NO. [ILLINOIS] Job No. 0-98-061-08	



TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
279	345' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+30	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO BILLBOARD
280	440' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
281	600' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
282	756' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
283	917' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO BILLBOARD
284	1072' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
285	1230' SOUTHWEST COLLINSVILLE AVE. AT STA. 74+00	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE

MATCH TO PAGE 10

MATCH TO PAGE 16

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

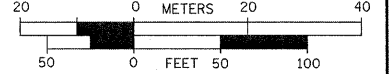
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 TBE Job No. 1105500601, 602, 603, 604, 607, 608, 609  
 SUE Plan Page: 15 of 35

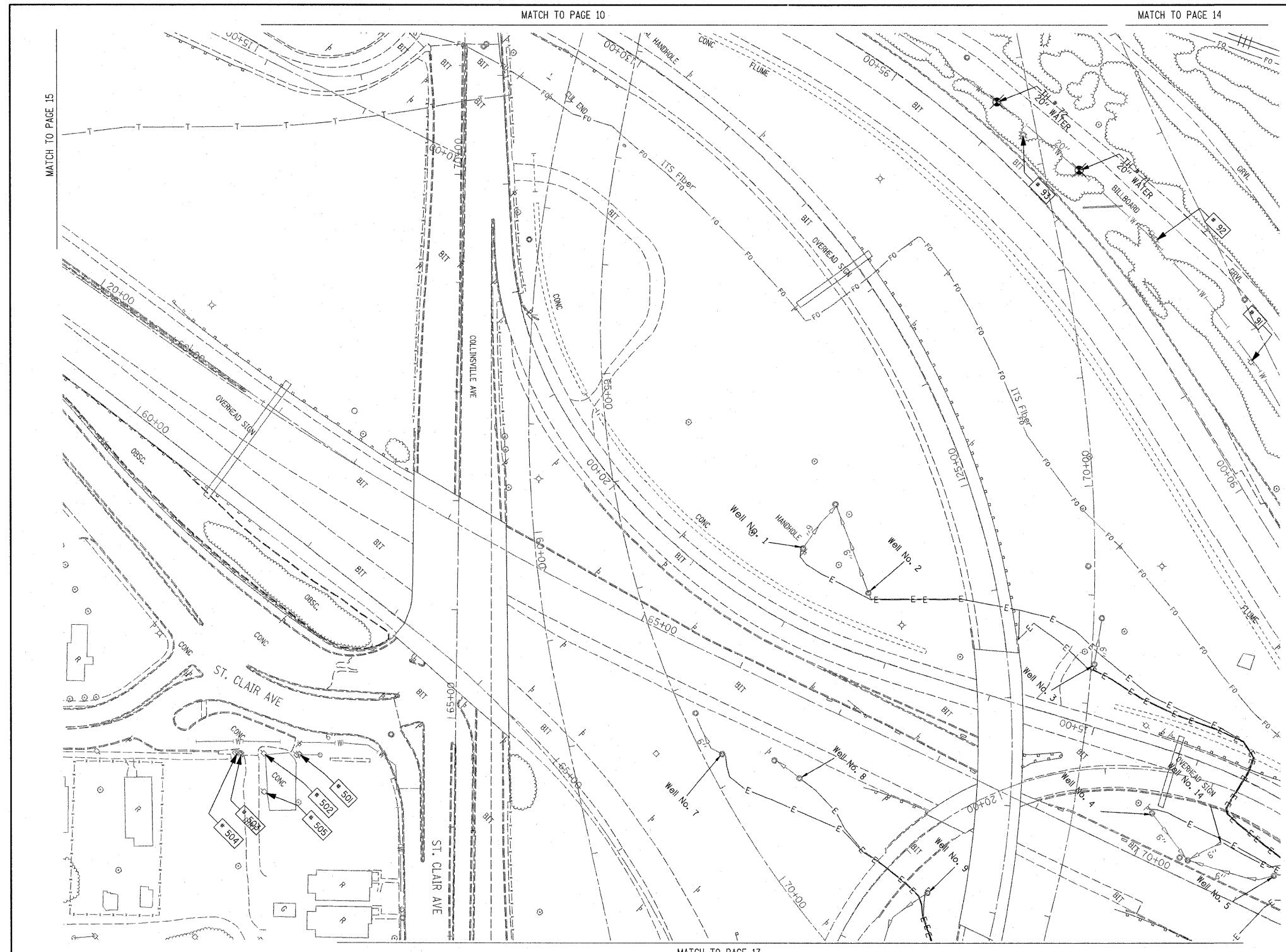
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		DATE 9/15/09	REVISOR

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

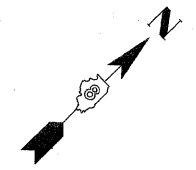
**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	18
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
90	96' NORTH OF 7TH ST. CL.	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
91	252' NORTH OF 7TH ST. CL.	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
92	422' NORTH OF 7TH ST. CL.	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE
93	574' NORTH OF 7TH ST. CL.	NO TAG	NO UTILITIES		ABANDONED WOODEN POLE, GUY TO EAST
501	NW OF POLE 210 ST. CLAIR / COLLINSVILLE RD	18965	ELECTRIC	AMEREN ELECTRIC	GUY TO NE
502	SW OF POLE 501	729106	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	
503	SW OF POLE 502	18964	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	
504	SW OF POLE 503	NO TAG	NO UTILITIES		
505	SE OF POLE 502 ST. CLAIR / COLLINSVILLE RD	18966	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO NW



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

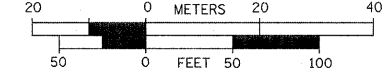
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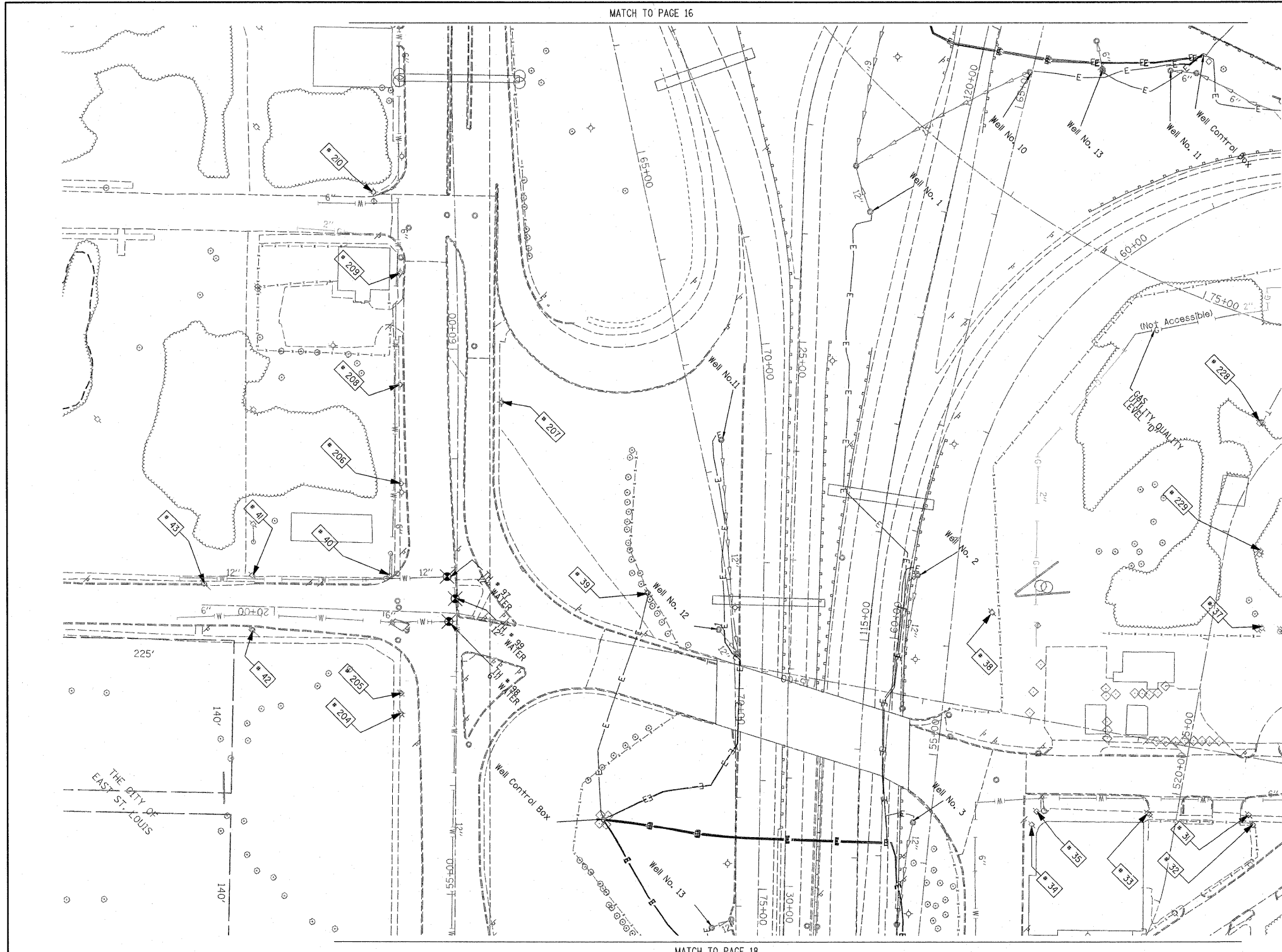
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 SUE Plan Page: 16 of 35

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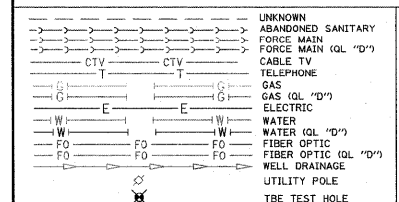
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

Mississippi River Bridge Project

SCALE:	SHEET NO.	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						St. Clair	60	19
							PTB NO. 147-038	
							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
31	276' W OF BOWMAN & 9TH ST. (15' SOUTH OF CURB)	18979 21 1107 755	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
32	273' WEST OF BOWMAN & 9TH ST.	NO TAG	NO UTILITIES		ABANDONED POLE
33	368' WEST OF BOWMAN & 9TH ST. (35' SOUTH OF CURB)	18980	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER & LIGHT / 3 GUY S TO WEST
34	SE CORNER OF BAUGH & 9TH (16' SOUTH OF CURB)	727525	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE POLE 2 LIGHTS
35	SE CORNER OF BAUGH & 9TH (16' SOUTH OF CURB)	727526	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE POLE METER
37	276' W OF BOWMAN & 9TH ST.	18977 27253	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	
38	WEST SIDE OF EAST ROW WALK IN BETWEEN POLE 37/39	18976	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
39	NORTH OF CURB 43' WEST OF HWY 64	18975	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, ELECTRIC DROP
40	NW OF 9TH & ST. CLAIR AVE.	18974	ELECTRIC	AMEREN ELECTRIC	GUY TO NORTH
41	NE CORNER OF ALLEY AT 9TH ST. 171' W OF ST. CLAIR & 9TH	18971	ELECTRIC	AMEREN ELECTRIC	2 GUY S TO SOUTH
42	171' WEST OF ST. CLAIR & 9TH	18973	NO UTILITIES		METAL STRIAN POLE, 2 GUY TO S HOLDING POLE 41
43	216' WEST OF ST. CLAIR & 9TH	18972	NO UTILITIES		METAL STRIAN POLE, 2 GUY TO S HOLDING POLE 41
204	SW CORNER OF 9TH ST. & ST. CLAIR	727976	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
205	SW CORNER OF 9TH ST. & ST. CLAIR	727977	ELECTRIC SERVICE	AMEREN ELECTRIC	METER
206	130' CL OF 9TH ST. & ST. CLAIR	727972	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
207	198' CL OF 9TH ST. & ST. CLAIR	727975	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
208	216' CL OF 9TH ST. & ST. CLAIR	727773	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
209	323' CL OF 9TH ST. & ST. CLAIR	727974	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT, END OF ELECTRIC SERVICE
210	SW CORNER OF 8TH ST. & ST. CLAIR	729299	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
228	SOUTHEAST OF POLE #227	2475484	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	TRANSFORMER, TELEPHONE DROP
229	S.E. OF POLE #228	727528	ELECTRIC SERVICE	AMEREN ELECTRIC	



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

TBE Job No. 1109500601-602-603-604-607-608-609  
 SUE Plan Page: 17 of 35

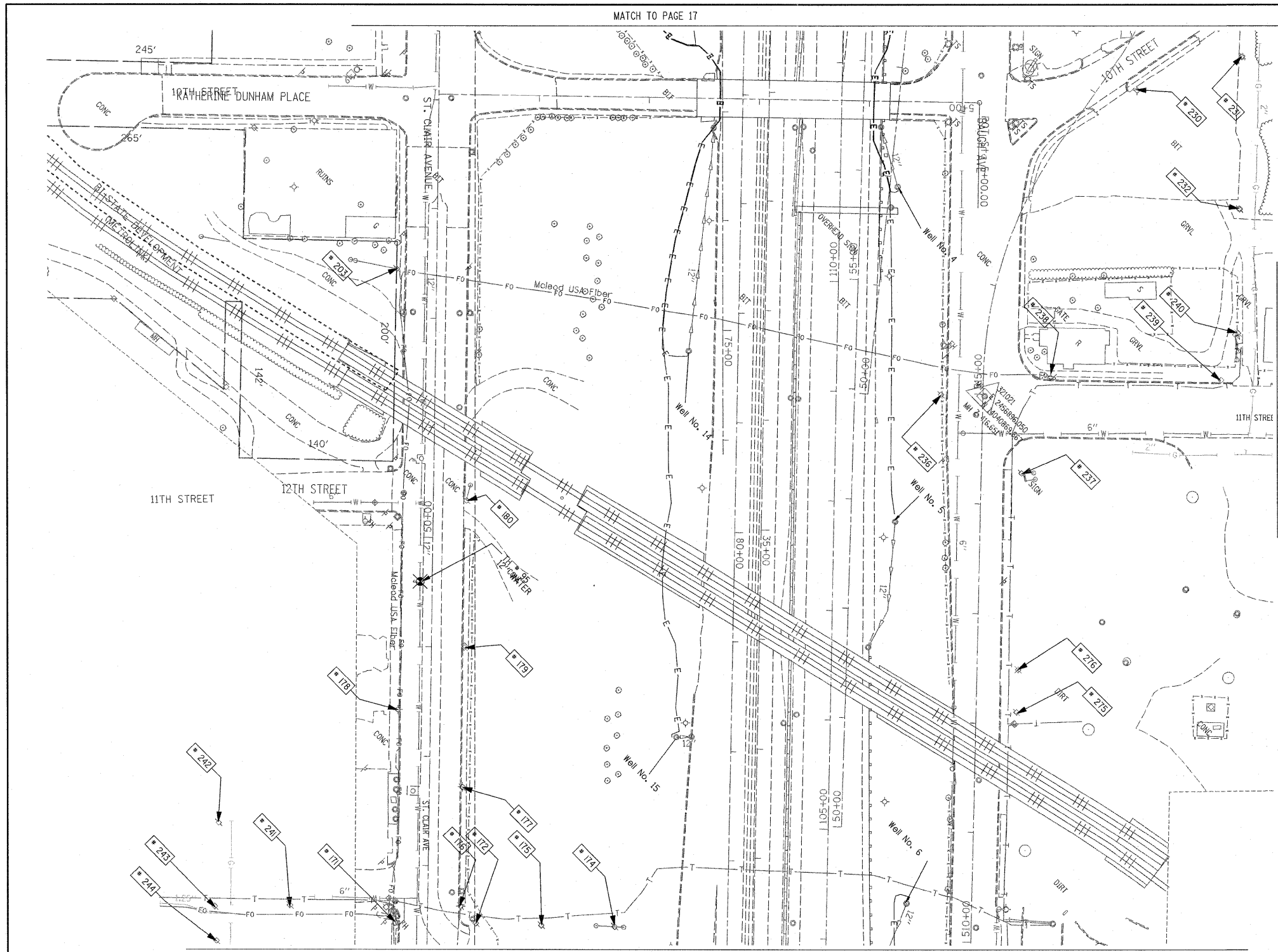
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

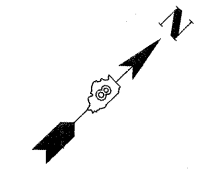
**Mississippi River Bridge Project**

SCALE:      SHEET NO.      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	20
PTB NO. 147-038				
FED. ROAD DIST. NO. ILLINOIS Job No. 0-98-061-08				



TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
171	SE SIDE OF 13TH ST. & ST. CLAIR	727993	ELECTRIC	AMEREN ELECTRIC	
172	327' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	727999	ELECTRIC	AMEREN ELECTRIC	
174	327' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	728401	ELECTRIC	AMEREN ELECTRIC	3 GUY S. TO GROUND
175	327' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	728400	ELECTRIC	AMEREN ELECTRIC	
176	343' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	727994	ELECTRIC	AMEREN ELECTRIC	LIGHT, GUY
177	94' W. OF 13TH ST. CL. N. SIDE OF ST. CLAIR	727995	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
178	163' W. OF 13TH ST. CL. S. SIDE OF ST. CLAIR	727998	ELECTRIC	AMEREN ELECTRIC	LIGHT
179	220' W. OF 13TH ST. CL. S. SIDE OF ST. CLAIR	NO TAG	ELECTRIC	AMEREN ELECTRIC	
180	353' W. OF 13TH ST. CL. N. SIDE OF ST. CLAIR	727997	ELECTRIC	AMEREN ELECTRIC	GUY
203	203' CL. OF 12TH ST. ON ST. CLAIR	727978	ELECTRIC	AMEREN ELECTRIC	GUY S.
230	ON 10TH ST. 123' N. OF BAUGH	727520 21-1105 21-1176	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
231	ON 10TH ST. 237' N. OF BAUGH	727521	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	LIGHT, GUY TO E. & W.
232	E. OF POLE #231	727519 21-1106	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	LIGHT, TRANSFORMER
236	NW CORNER OF 11TH ST. & BAUGH	2475483	ELECTRIC SERVICE, TELEPHONE	AT&T, AMEREN ELECTRIC	METER
237	SE CORNER OF 11TH ST. & BAUGH	727515	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, GUY TO S.
238	NE CORNER OF 11TH ST. & BAUGH	727514	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	LIGHT, FIBER OPTIC DROP, GUY TO N.
239	225' NE CL. OF 11TH ST. & BAUGH	727513 E2318	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	LIGHT, GUY TO S.
240	40' NW OF POLE #239	727518 1034	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	TEL. DROP, GUY TO S.
241	126' S. CL. OF 13TH ST. & ST. CLAIR	727992	ELECTRIC	AMEREN ELECTRIC	
242	195' SW CL. OF ST. CLAIR AT STA. 47+15	727987	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
243	175' SW CL. OF ST. CLAIR AT STA. 46+50	727990	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	GUY TO S.
244	175' SW CL. OF ST. CLAIR AT STA. 46+25	NO TAG	ELECTRIC, TELEPHONE	AT&T, AMEREN ELECTRIC	
275	275' E. CL. 11TH ST. & BAUGH ON N. SIDE OF BAUGH	727517	ELECTRIC	AMEREN ELECTRIC	GUY E., TRANSFORMER
276	236' E. CL. 11TH ST. & BAUGH ON N. SIDE OF BAUGH	727516	ELECTRIC	AMEREN ELECTRIC	(3) TRANSFORMERS



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

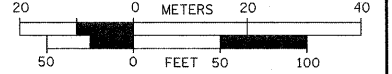
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TBE Job No. 1109500601, 602, 603, 604, 607, 608, 609  
SUE Plan Page: 18 of 35

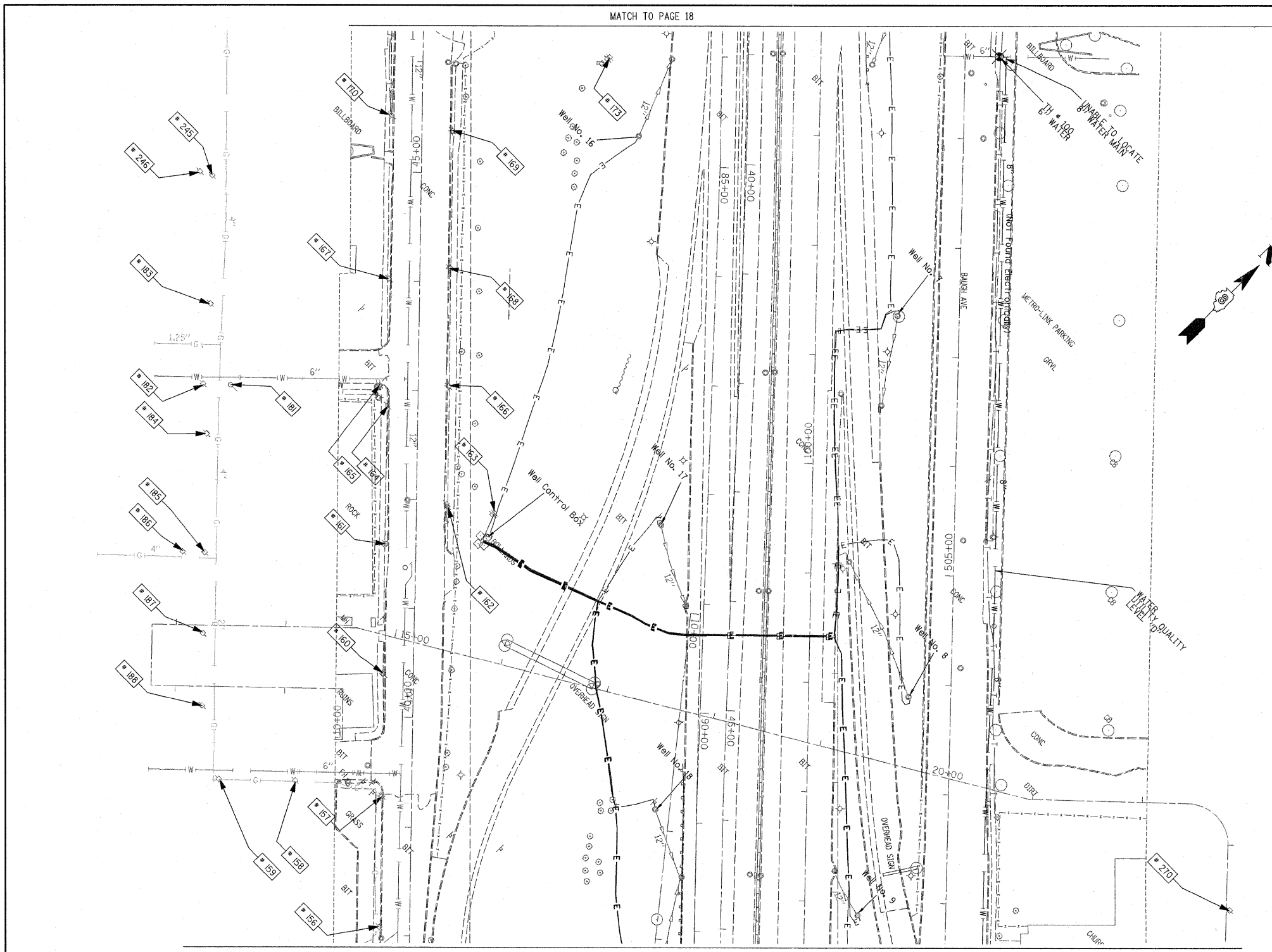
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

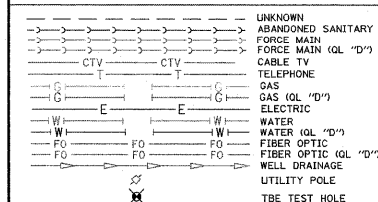
**Mississippi River Bridge Project**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	21
PTB NO. 147-038				
FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-08				

SCALE: SHEET NO. STA. TO STA.



TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
156	169' W. OF 15TH ST. CL.	728411	ELECTRIC, TELEPH.	AT&T	2 LIGHTS
157	SE SIDE OF 14TH ST.	728410 1404	ELECTRIC, TELEPH.	AT&T	LIGHT
158	107' S. OF ST. CLAIR CL.	728412 210349	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	LIGHT, GUY TO N.
159	176' S. OF ST. CLAIR CL.	728413	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	LIGHT
160	82' W. OF 14TH ST. CL.	NO TAG	TELEPH.	AT&T	
161	201' W. OF 14TH ST. CL. S. SIDE OF ST. CLAIR	728407	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	2 LIGHTS
162	238' W. OF 14TH ST. CL. N. SIDE OF ST. CLAIR	728407	ELECTRIC	AMEREN ELECTRIC	
163	236' W. OF 14TH ST. CL. N. SIDE OF ST. CLAIR	SEE NOTE	ELECTRIC	AMEREN ELECTRIC	TAG TOO FAR IN FENCE
164	329' W. OF 14TH ST. CL. S. SIDE OF ST. CLAIR	NO TAG	TELEPH.	AT&T	
165	SE SIDE VERONICA & ST. CLAIR	728406	ELECTRIC	AMEREN ELECTRIC	2 LIGHTS
166	348' W. OF 14TH ST. CLAIR N. SIDE OF ST. CLAIR	728405	ELECTRIC	AMEREN ELECTRIC	
167	83' W. OF VERONICA CL. S. SIDE OF ST. CLAIR	NO TAG	TELEPH.	AT&T	
168	83' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	728404	ELECTRIC	AMEREN ELECTRIC	GUY
169	217' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	728403	ELECTRIC	AMEREN ELECTRIC	
170	231' W. OF VERONICA CL. S. SIDE OF ST. CLAIR	NO TAG	TELEPH.	AT&T	GUY TO W., PH DROP
173	280' W. OF VERONICA CL. N. SIDE OF ST. CLAIR	728402	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
181	171' S. OF ST. CLAIR CL.	728420	NO UTILITIES		STRAIN FOR POLE #182 ON VERONICA ST.
182	147' S. OF ST. CLAIR CL.	728419	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	
183	56' W. OF VERONICA CL. S. SIDE OF ST. CLAIR	728421	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	TRANSFORMER
184	84' E. OF VERONICA CL. S. SIDE OF ST. CLAIR	728418 1352	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	TRANSFORMER
185	176' E. OF VERONICA CL. S. SIDE OF ST. CLAIR	728416 1360	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	
186	22' S. OF POLE #185 S. SIDE OF ST. CLAIR	728417	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	
187	243' E. OF VERONICA CL. S. SIDE OF ST. CLAIR	728415	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	PH CUT AT POLE
188	309' E. OF VERONICA CL. S. SIDE OF ST. CLAIR	1370	ELECTRIC	AMEREN ELECTRIC	2 GUY S
245	175' SW ST. CLAIR AT STA. 45+00	728469	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	
246	190' SW ST. CLAIR AT STA. 45+10	728470	ELECTRIC, TELEPH., CATV	AMEREN ELECTRIC, AT&T, CHARTER, CATV	GUY TO N.
270	80' NW POLE #269	727629	ELECTRIC, TELEPH.	AT&T, AMEREN ELECTRIC	GUY TO WEST, TRANSFORMER



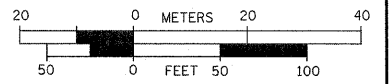
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TBE Job No. 1109500601-602-603-604, 607-608-609  
SUE Plan Page: 19 of 35

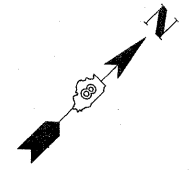
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**STATE OF ILLINOIS  
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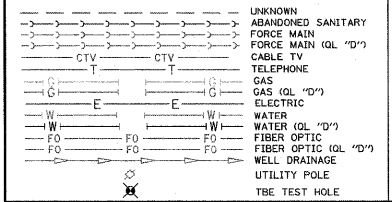
**Mississippi River Bridge Project**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	22
PTB NO. 147-038				
FED. ROAD DIST. NO. ILLINOIS Job No. D-98-061-08				

SCALE: SHEET NO. STA. TO STA.



TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
143	NE CORNER ST. CLAIR & 1-64 E RAMP	728038	ELECTRIC	AMEREN ELECTRIC	
146	44' SOUTH OF ST. CLAIR CL	728040	ELECTRIC	AMEREN ELECTRIC	LIGHT
147	40' WEST OF 16TH ST. CL	NO TAG	TELEPHONE	AT&T	PHONE DROP
148	87' WEST OF 16TH ST. CL	728039	ELECTRIC	AMEREN ELECTRIC	LIGHT
149	215' WEST OF 16TH ST. CL	NO TAG	TELEPHONE	(SBC) AT&T	2 GUYS WEST, TELEPHONE DROP
150	SE CORNER WABASHA & ST. CLAIR	728053 1550	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	LIGHT
151	115' SOUTH OF ST. CLAIR CL	728054	ELECTRIC	AMEREN ELECTRIC	
152	86' WEST OF WABASHA CL	728052	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
153	211' WEST OF WABASHA CL	728049	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	2 LIGHTS, GUY TO SOUTH
154	288' WEST OF WABASHA CL	NO TAG	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	
155	48' S OF ST. CLAIR CL SE SIDE 15 TH	728051	ELECTRIC	AMEREN ELECTRIC	ELECTRIC FROM POLE #154 TO METER ON POLE
247	1174' SW OF CL ST. CLAIR & 15TH	727860 E2690	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
248	1174' SW OF CL ST. CLAIR & 15TH	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	GUY TO WEST, ELECTRIC SERVICE TO BILLBOARD
249	180' SW ST. CLAIR AT STA. 34+0	728047	ELECTRIC, CATV TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TRANSFORMER
250	190' SW ST. CLAIR AT STA. 33+80	728046	ELECTRIC, CATV TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
251	175' SW ST. CLAIR AT STA. 33+00	728045	ELECTRIC, CATV TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
252	175' SW ST. CLAIR AT STA. 32+80	728044	ELECTRIC, CATV TELEPHONE, ELECTRIC SERVICE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	ELECTRIC SERVICE
253	175' SW ST. CLAIR AT STA. 31+85	728043	ELECTRIC, CATV TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
254	175' SW ST. CLAIR AT STA. 31+0	NO TAG	ELECTRIC, CATV TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
255	175' SW ST. CLAIR AT STA. 31+5	NO TAG	TELEPHONE	AT&T	TELEPHONE DROP
264	142' EAST CL 15TH ST. & BAUGH	727634	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
265	SE COR. OF 15TH ST. & BAUGH ON N. SIDE OF BAUGH	727633	ELECTRIC SERVICE	AMEREN ELECTRIC	METER
266	SE COR. OF 15TH ST. & BAUGH ON N. SIDE OF BAUGH	727632	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
267	150' N CL BAUGH & 15 TH ST.	727631	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE
268	150' N CL BAUGH & 15 TH ST.	727630	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
269	257' N CL BAUGH & 15 TH ST.	727628	TELEPHONE, ELECTRIC	AT&T, AMEREN ELECTRIC	ELECTRIC DROP
271	222' N CL BAUGH & 15 TH ST.	727626	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
272	232' N CL BAUGH & 15 TH ST.	727627	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
273	382' N CL BAUGH & 15 TH ST.	727625	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
274	480' N CL BAUGH & 15 TH ST.	727624	ELECTRIC, CATV, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE,	LIGHT, CATV DROP



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TBE Job No. IL0950601, 602, 603, 604, 607, 608, 609  
 SUE Plan Page: 20 of 35

FILE NAME =	USER NAME =	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09, ADDED TEST HOLES #60-108
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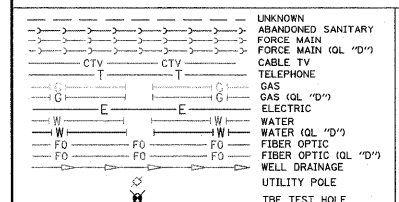
**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	23
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
131	110' W. OF SHORT ST. CL. S. SIDE OF ST. CLAIR W. OF POLE 130	18792	ELECTRIC, TELEPHONE, FIBER OPTIC	AT&T, AMEREN ELECTRIC	LIGHT, GUY
132	SE CORNER OF ST. CLAIR & 18TH ST. W. OF POLE 131	18789	ELECTRIC, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, TELEPHONE	LIGHT, FIBER DROP
133	S. SIDE OF ST. CLAIR 48' W. OF POLE 132	18790	ELECTRIC, TELEPHONE, (2) FIBER OPTIC	AT&T, AMEREN ELECTRIC	STRAIN FOR POLE 133 TO THE E., GUY TO W.
134	101' W. OF 18TH ST. CL. S. SIDE OF ST. CLAIR	2073611	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	LIGHT
135	N. OF POLE 134 N. SIDE OF ST. CLAIR	728019	NO UTILITIES		STRAIN FOR POLE 134, GUY
136	228' W. OF 18TH ST. CL. S. SIDE OF ST. CLAIR	728020	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	GUY, LIGHT
137	228' W. OF 18TH ST. CL. N. SIDE OF ST. CLAIR	NO TAG	TELEPHONE	AT&T	
138	278' W. OF 18TH ST. CL. N. SIDE OF ST. CLAIR	NO TAG	TELEPHONE	AT&T	
139	224' W. OF 18TH ST. CL. S. SIDE OF ST. CLAIR	728021	ELECTRIC	AMEREN ELECTRIC	GUY N. & S.
140	374' W. OF 18TH ST. CL. S. SIDE OF ST. CLAIR	200447	TELEPHONE, CATV	AT&T, CHARTER CABLE	GUY E. & W.
141	595' W. OF 18TH ST. CL. S. SIDE OF ST. CLAIR	728037	ELECTRIC, TELEPHONE, CATV		LIGHT
142	37' W. OF POLE 141 S. SIDE OF ST. CLAIR	728036	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	GUY S.
144	156' S. ST. CLAIR	728034	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	LIGHT
145	157' S. ST. CLAIR	NO TAG	NO UTILITIES		POLE HAS BEEN CUT IN HALF
256	135' NE CL. 18TH ST. & BAUGH, 35' E. CL. 18TH ST.	NO TAG	ELECTRIC, TELEPHONE, CATV, FIBER OPTIC	AT&T, AMEREN ELECTRIC, CHARTER CABLE	TELEPHONE DROP, ELECTRIC DROP, FOC DROP, CABLE DROP
257	SE CORNER 18TH ST. & BAUGH	18786	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	GUY E.
258	100' S. SE CORNER 18TH ST. & BAUGH	18787	ELECTRIC, TELEPHONE, CATV	AT&T, AMEREN ELECTRIC, CHARTER CABLE	
259	88' N. NE CORNER 18TH ST. & ST. CLAIR	18788	NO UTILITIES		
260	88' W. CL. 18TH ST. & BAUGH ON N. SIDE OF BAUGH	727642	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
261	131' W. CL. 18TH ST. & BAUGH ON W. SIDE OF BAUGH	727643	ELECTRIC, TELEPHONE, CATV, FIBER OPTIC	AT&T, AMEREN ELECTRIC, CHARTER CABLE	CATV DROP, TELEPHONE DROP
262	255' W. CL. 18TH ST. & BAUGH ON N. SIDE OF BAUGH	727644	ELECTRIC, TELEPHONE, CATV, FIBER OPTIC	AT&T, AMEREN ELECTRIC, CHARTER CABLE	GUY TO N. & W., TRANSFORMER, CATV DROP, TELEPHONE DROP
263	256' W. CL. 18TH ST. & BAUGH ON S. SIDE OF BAUGH	NO TAG	TELEPHONE	AT&T	



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TBE Job No. IL0950601-602,603,604, 607,608,609  
 SUE Plan Page: 21 of 35

FILE NAME =	USER NAME =	DESIGNED EG, IP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES *60-108
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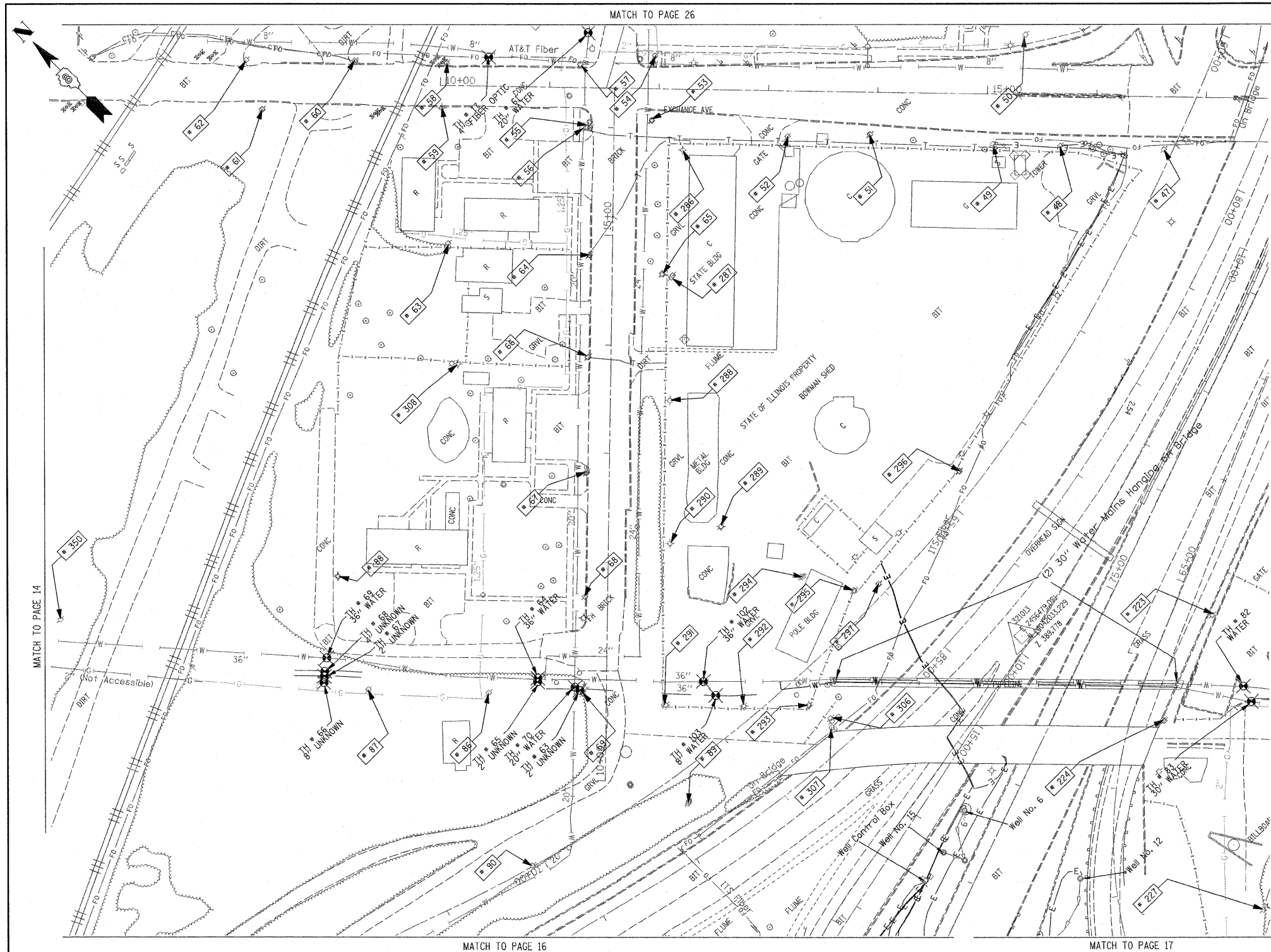
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	24
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
47	48' WEST OF EXCHANGE CL	NO TAG	ELECTRIC	AMEREN ELECTRIC	
48	46' WEST OF EXCHANGE CL	4128	ELECTRIC	AMEREN ELECTRIC	GUY TO N. ELECTRIC DROP TO CELL TOWER
49	46' WEST OF EXCHANGE CL	4131	ELECTRIC	AMEREN ELECTRIC	GUY TO S. ELECTRIC DROP TO CELL TOWER
50	53' EAST OF EXCHANGE CL	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO BILLBOARD
51	40' WEST OF EXCHANGE CL	NO TAG	TELEPHONE SERVICE	AT&T	
52	43' WEST OF EXCHANGE CL	NO TAG	ELECTRIC	AMEREN ELECTRIC	
53	SW CORNER OF 7TH & EXCHANGE	727554	TELEPHONE SERVICE	AT&T	GUY TO WEST HOLDING POLE 54
54	SW CORNER OF 7TH & EXCHANGE	19002	ELECTRIC	AMEREN ELECTRIC	3 GUY S TO SW
55	SW CORNER OF 7TH & EXCHANGE	727553	TELEPHONE, CATV	AT&T, CHARTER CABLE	GUY TO WEST
56	SW CORNER OF 7TH & EXCHANGE	NO TAG	ELECTRIC	AMEREN ELECTRIC	TELEPHONE DROP
57	NE CORNER OF 7TH & EXCHANGE	19003	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO NORTH
58	157' N OF 7TH & EXCHANGE	19004 5783	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	
59	158' N OF 7TH & EXCHANGE	753189 E3053	ELECTRIC	AMEREN ELECTRIC	STREET LIGHT POLE, CABLE ALPHA BOX, FIBER DROP NORTH
60	232' N OF 7TH & EXCHANGE	19005	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	CATV DROP NORTH
61	316' N OF 7TH & EXCHANGE	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC METER, GUY TO NORTH
62	332' N OF 7TH & EXCHANGE	19006 851	ELECTRIC	AMEREN ELECTRIC	LIGHT
63	154' N OF 7TH & EXCHANGE	NO TAG	NO UTILITIES		ABANDONED POLE
64	156' W OF EXCHANGE CL ON 7TH ST.	72755	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, AT&T, CHARTER CABLE	TELEPHONE DROP RUNNING SE
65	ON 7TH 176' W OF EXCHANGE CL	727552	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	TRANSFORMER
66	ON 7TH 250' W OF EXCHANGE CL	727549	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, AT&T, CHARTER CABLE	TRANSFORMER, CATV DROP SOUTH
67	ON 7TH 355' W OF EXCHANGE CL	727548	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, AT&T, CHARTER CABLE	2 LIGHTS
68	ON 7TH 470' W OF EXCHANGE CL	727547	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, AT&T, CHARTER CABLE	ELECTRIC SERVICE TO BILLBOARD
69	ON 7TH 500' W OF EXCHANGE CL	727543 E-1669	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	LIGHT, GUY TO WEST
86	500' WEST OF 7TH & EXCHANGE	727544	ELECTRIC	AMEREN ELECTRIC	
87	500' WEST OF 7TH & EXCHANGE	727545	ELECTRIC	AMEREN ELECTRIC	GUY TO NORTH, TRANSFORMER
88	255' NORTH 7TH ST. CL	727546 29282	NO UTILITIES		LIGHT, ABANDONED WOODEN POLE
89	675' WEST OF 7TH & EXCHANGE	NO TAG	NO UTILITIES		GUY TO NORTH & SOUTH
223	474' WEST CL OF BOWMAN & 9TH	727540	ELECTRIC	AMEREN ELECTRIC	
224	478' WEST CL OF BOWMAN & 9TH	NO TAG	NO UTILITIES		
227	SOUTH OF POLE #224	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO BILLBOARD
286	SOUTHWEST CORNER 11TH & EXCHANGE AVE.	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
287	175' S. CL EXCHANGE AVE. EAST SIDE 11TH ST.	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	METER, ELECTRIC SERVICE DROP
288	281' S. CL EXCHANGE AVE. EAST SIDE 11TH ST.	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO BUILDING
289	400' S. CL EXCHANGE AVE. EAST SIDE 11TH ST.	735190	ELECTRIC SERVICE, TELEPHONE	AMEREN ELECTRIC, AT&T	LIGHT
290	400' S. CL EXCHANGE AVE. EAST SIDE 11TH ST.	NO TAG	ELECTRIC SERVICE, TELEPHONE	AMEREN ELECTRIC, AT&T	LIGHT
291	510' S. CL EXCHANGE AVE. EAST SIDE 11TH ST.	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
292	75' EAST OF POLE #291	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
293	130' EAST OF POLE #291	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
294	175' EAST OF 11TH ST. AT STA. 11+90	NO TAG	ELECTRIC SERVICE, TELEPHONE	AMEREN ELECTRIC, AT&T	METER, LIGHT
295	225' EAST OF 11TH ST. AT STA. 11+90	735191	ELECTRIC SERVICE	AMEREN ELECTRIC	TRANSFORMER
296	320' EAST OF 11TH ST. AT STA. 11+90	727542	ELECTRIC SERVICE	AMEREN ELECTRIC	ELECTRIC SERVICE TO OVERHEAD BOARD ON I-55
297	285' EAST OF 11TH ST. AT STA. 11+90	727541	ELECTRIC SERVICE	AMEREN ELECTRIC	GUY TO NORTH
306	SE OF POLE #293	NO TAG	NO UTILITIES		GUY NORTH & EAST, LIGHT, TRANSFORMER
307	SE OF POLE #293 WEST OF POLE #306	NO TAG	NO UTILITIES		STRAIN POLE TO #306, NO UTILITIES
308	WEST OF POLE #66	727550	NO UTILITIES		LIGHT
350	E OF POLE 349	NO TAG	TELEPHONE SERVICE	AT&T	GUY TO NORTH

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USER NAME = PLOT SCALE = 1" = 50' PLOT DATE = #DATE#	DESIGNED EG, JP, LP DRAWN KLC CHECKED JB DATE 9/15/09	REVISED 7/28/08 - 8/26/09, ADDED TEST HOLES #60-108 REVISED REVISED
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**TBE GROUP, INC.**  
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Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_

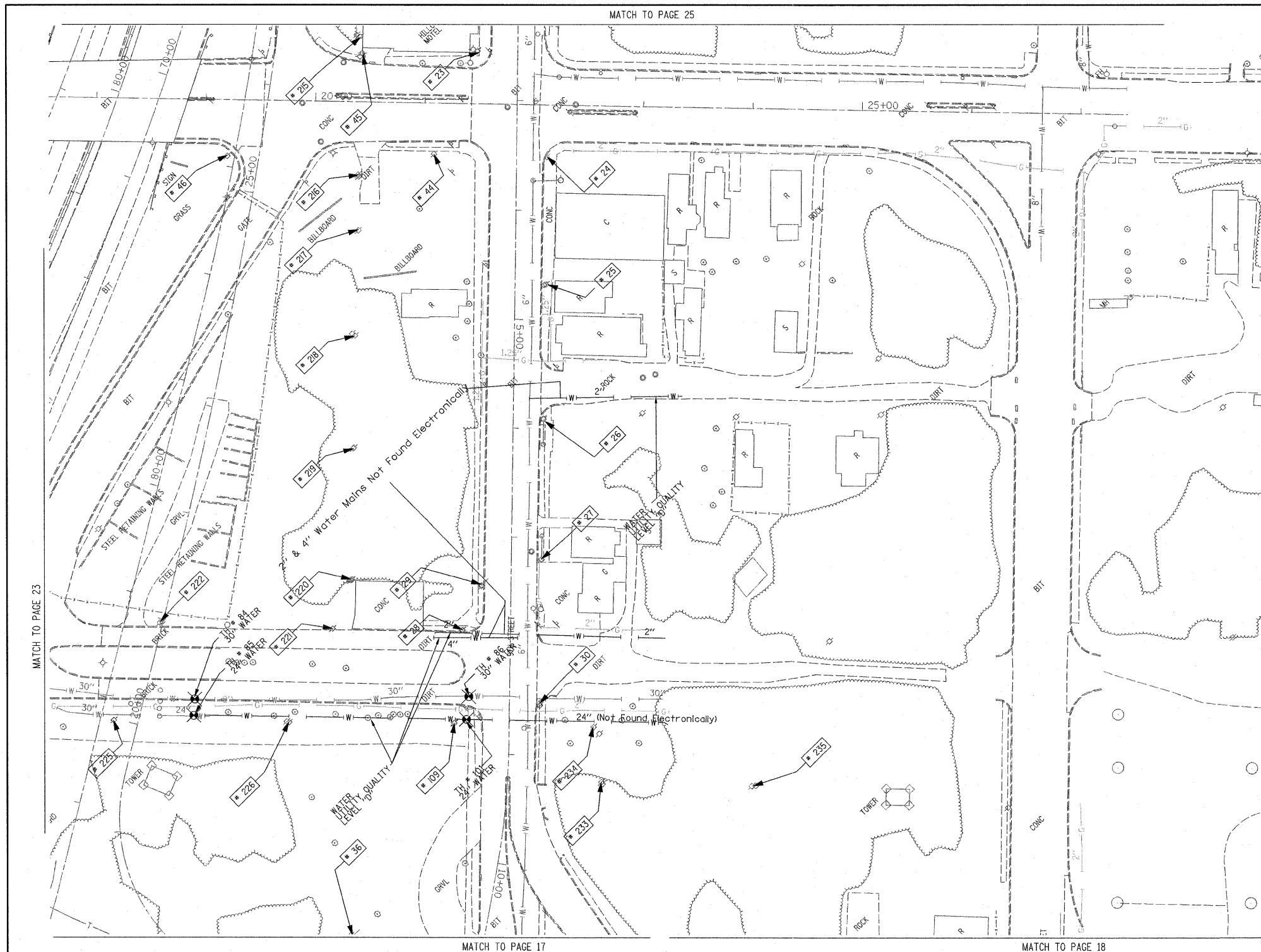
TBE Job No. 100950691-602-603-604,  
 601-608-609  
 SUE Plan Page: 23 of 35

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	25
PTB NO. 147-038				
FED. ROAD DIST. NO. ILLINOIS Job No. 0-98-061-08				

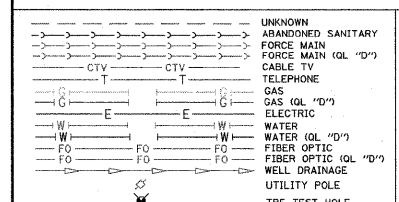
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.



TBE Pole Number	Approximate Location	Identification # on Pole	Utilities Attached to Poles	Utility Owners	Notes: Additional Items Attached to Poles
23	NW CORNER OF EXCHANGE & 9TH ST.	727575	NO UTILITIES		
24	SW CORNER OF EXCHANGE & 9TH ST.	18985 E623	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
25	162' WEST OF EXCHANGE & 9TH ST.	18984 1024	ELECTRIC, FIBER OPTIC, TELEPHONE	AMEREN ELECTRIC, AT&T	
26	SW CORNER 9TH & WALTER	18983 1016	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
27	160' WEST OF 9TH & WALTER	18982	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO EAST
28	160' WEST OF 9TH & WALTER	NO TAG	NO UTILITIES		METAL STRAIN POLE-GUY FOR POLE 29
29	NE CORNER OF BOWMAN & 9TH ST.	727533	ELECTRIC	AMEREN ELECTRIC	GUY BY POLE 28
30	SW CORNER OF BOWMAN & 9TH ST. 29' SOUTH OF CL.	727533	ELECTRIC, FIBER OPTIC	AMEREN ELECTRIC	LIGHT
36	NORTH OF CLUB 117 9TH ST. 25' WEST OF BOWMAN	727527	NO UTILITIES		STRAIN POLE 2 GUY S GOING EAST ANCHORING POLE 37
44	NW CORNER OF EXCHANGE & 9TH ST.	NO TAG	ELECTRIC	AMEREN ELECTRIC	GUY TO S & NW
45	N SIDE OF EXCHANGE 144' NW OF CL. OF 9TH ST. & EXCHANGE	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	LIGHT
46	283' NORTH OF CL. OF 9TH ST.	NO TAG	ELECTRIC	AMEREN ELECTRIC	
109	NW CORNER OF BOWMAN & 9TH ST.	NO TAG	NO UTILITIES		ABANDONED POLE
215	NORTH OF POLE #45	727538	TELEPHONE	AT&T	GUY TO NORTH
216	NORTH OF POLE #45	727537	TELEPHONE	AT&T	GUY TO NORTH
217	SOUTH OF POLE #216	727536	CATV, TELEPHONE	CHARTER CABLE, AT&T	
218	SOUTH OF POLE #217	2475492	CATV, TELEPHONE	CHARTER CABLE, AT&T	
219	SOUTH OF POLE #218	727534	CATV, TELEPHONE	CHARTER CABLE, AT&T	GUY TO SOUTH
220	NORTH OF BOWMAN SOUTH OF POLE #219	727532	CATV, TELEPHONE, ELECTRIC	CHARTER CABLE, AT&T, AMEREN ELECTRIC	
221	163' NORTH CL. OF BOWMAN & 9TH	727531	ELECTRIC	AMEREN ELECTRIC	
222	318' WEST CL. OF BOWMAN & 9TH	NO TAG	ELECTRIC	AMEREN ELECTRIC	
225	363' WEST CL. OF BOWMAN & 9TH	NO TAG	NO UTILITIES		
226	200' WEST CL. OF BOWMAN & 9TH	NO TAG	NO UTILITIES		
233	80' SE OF CL. OF 9TH ST. STA 9+10	727524 21-2431	NO UTILITIES		
234	SOUTH OF POLE #30	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	METER
235	EAST OF POLE #233	727523 2-2423	NO UTILITIES		



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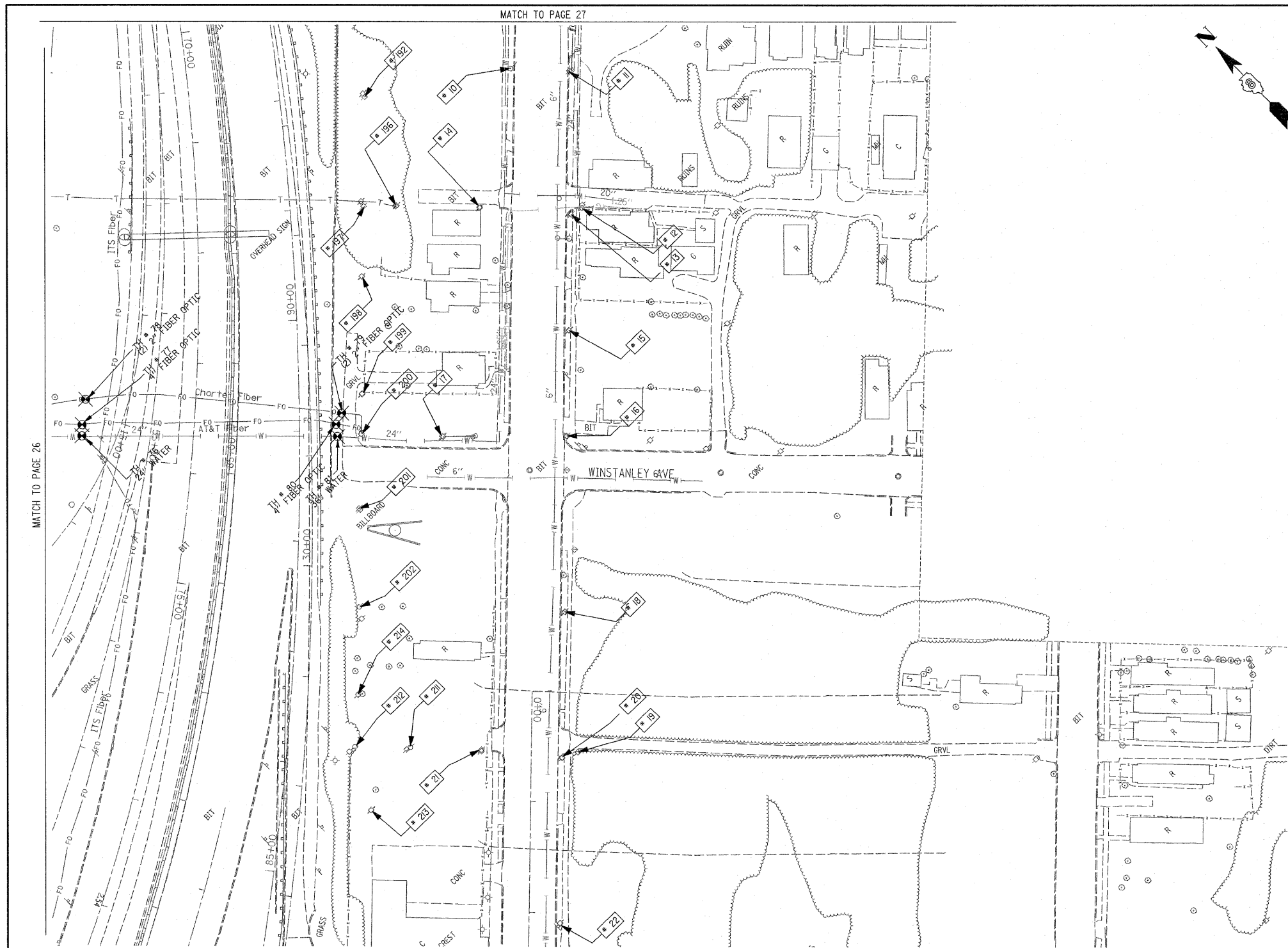
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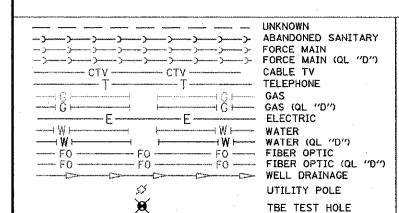
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Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 TBE Job No. IL09500601-602-603-604, 601+606-609  
 SUE Plan Page: 24 of 35

FILE NAME =	USER NAME =	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>Mississippi River Bridge Project</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLLOT SCALE = 1" = 50'	CHECKED JB	REVISED			St. Clair	60	26	PTB NO. 147-038	
PLLOT DATE = #DATE#	DATE 9/15/09	DATE	REVISED	SCALE: SHEET NO. STA. TO STA.		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
10	133' WEST OF LYNCH	727582	NO UTILITIES		POLE ANCHOR, HOLDING UP POLE #11
11	133' WEST OF LYNCH	18995	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TELEPHONE DROP
12	258' WEST OF LYNCH 36' SOUTH OF 9TH ST. CL.	727583 1216	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
13	263' WEST OF LYNCH	18994 E2652	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
14	263' WEST OF LYNCH	728217 82	ELECTRIC, FIBER OPTIC, TELEPHONE	AMEREN ELECTRIC, AT&T	
15	369' WEST OF LYNCH	18993	ELECTRIC, FIBER OPTIC, TELEPHONE	AMEREN ELECTRIC, AT&T	TRANSFORMER
16	SE CORNER OF WINSTANLEY & 9TH ST.	18989 E-625	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
17	NE CORNER OF WINSTANLEY & 9TH ST.	18991 A600	ELECTRIC	AMEREN ELECTRIC	2 GUYS TO SOUTH
18	129' WEST OF WINSTANLEY & 9TH	18988	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
19	257' WEST OF WINSTANLEY & 9TH	728171	ELECTRIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
20	263' WEST OF WINSTANLEY & 9TH	18987	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
21	257' WEST OF WINSTANLEY & 9TH	727569	CATV, TELEPHONE	CHARTER CABLE, AT&T	
22	413' WEST OF WINSTANLEY & 9TH	18986	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO SOUTHEAST
192	SOUTH OF POLE #191	728214	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	
196	NORTH OF POLE #14	728216	ELECTRIC, FIBER OPTIC, TELEPHONE	AMEREN ELECTRIC, AT&T	GUY TO WEST, TELEPHONE DROP
197	NORTH OF POLE #196	728215	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO NORTH
198	SOUTH OF POLE #197	728219	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
199	SOUTH OF POLE #198	728218	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TRANSFORMER
200	SOUTH OF POLE #199	18992	ELECTRIC, FIBER OPTIC, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY TO NORTH, FOC 4 AND 3 DROP
201	SOUTH OF POLE #200	727566	ELECTRIC SERVICE, CATV, TELEPHONE	AMEREN ELECTRIC, CHARTER CABLE, AT&T	ELECTRIC SERVICE TO BILLBOARD, GUY TO NORTH
202	SOUTH OF POLE #201	2475408	CATV, TELEPHONE	CHARTER CABLE, AT&T	
211	230' SW OF WINSTANLEY & 9TH 44' NW CL 9TH	727570	CATV, TELEPHONE	CHARTER CABLE, AT&T	
212	50' NW OF POLE #211	727571	CATV, TELEPHONE	CHARTER CABLE, AT&T	
213	60' SW OF POLE #212	727574	TELEPHONE	AT&T	GUY TO EAST, CUT ABOVE TELEPHONE
214	60' SW OF POLE #212	727572 1121	CATV, TELEPHONE	CHARTER CABLE, AT&T	GUY TO WEST



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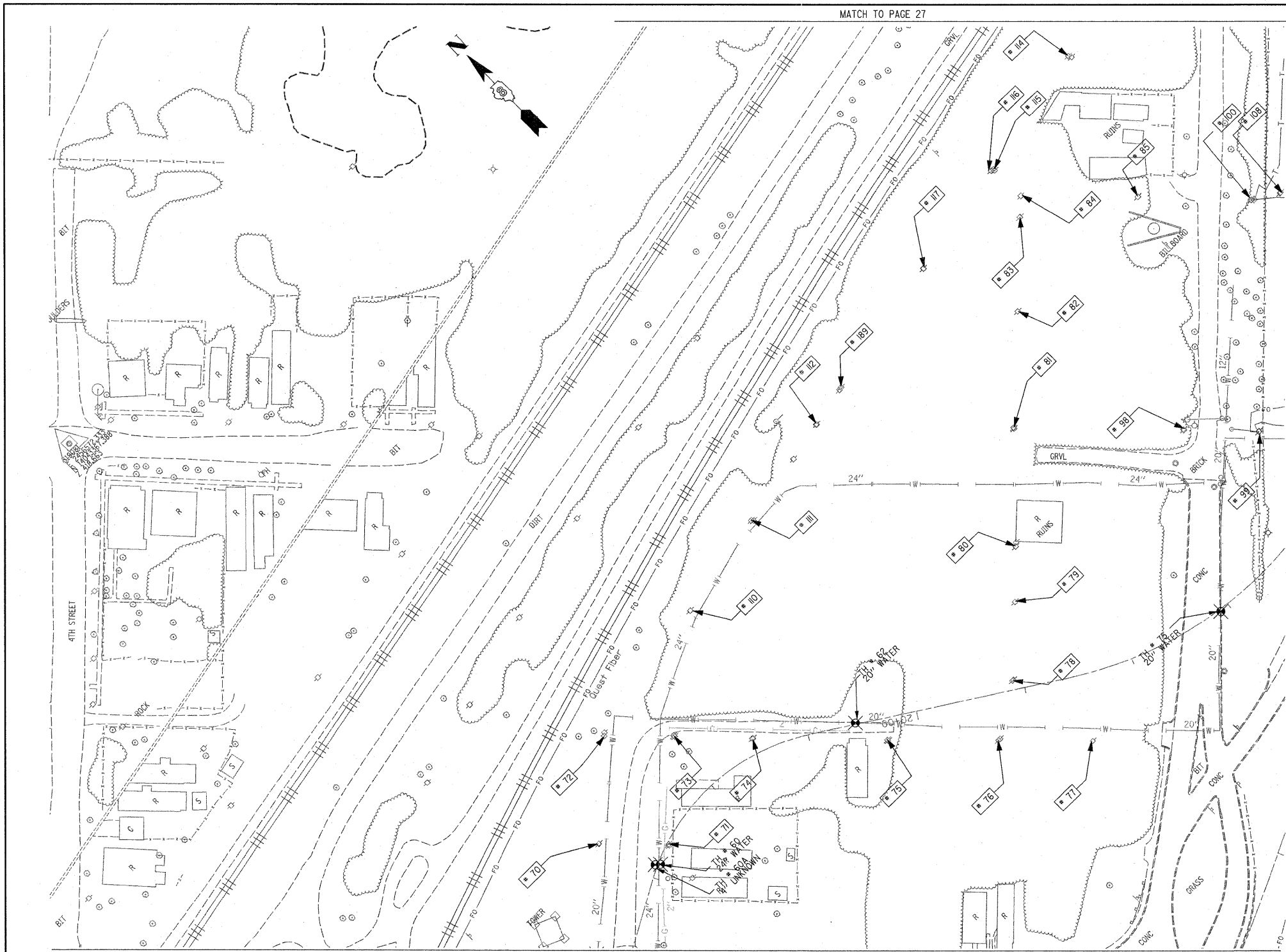
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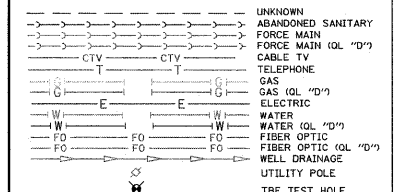
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TBE Job No. IL09500601.602.603.604. 607.608.609  
 SUE Plan Pages: 25 of 35

FILE NAME =	USER NAME =	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Mississippi River Bridge Project	SCALE: SHEET NO. STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PTITLE#	PLOT SCALE = 1" = 50'	DRAWN KLC	REVISOR				S. Clair	60	27	PTB NO. 147-038	
PLOT DATE = #DATE#	DATE 9/15/09	CHECKED JB	REVISOR				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
70	ON 7TH 150' E OF EXCHANGE CL	727557 1109	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TRANSFORMER
71	ON 7TH 150' E OF EXCHANGE CL	19001	ELECTRIC, TELEPHONE SERVICE	AMEREN ELECTRIC, AT&T	
72	ON 7TH 250' E OF EXCHANGE CL	727558	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY N.
73	ON 7TH 253' E OF EXCHANGE CL	18000	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
74	FROM CL OF 7TH 194' S. W/S OF ALLEY	727559 703	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
75	FROM CL OF 7TH 230' S. W/S OF ALLEY	727560	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TRANSFORMER
76	FROM CL OF 7TH 130' S. W/S OF ALLEY	727561	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY S.
77	FROM CL OF 7TH 430' S. W/S OF ALLEY	NO TAG	TELEPHONE	AT&T	
78	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	2029483	CATV, FIBER OPTIC, TELEPHONE	AT&T, CHARTER CABLE	GUY W. / CONNECT TO POLE 76,79
79	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	2029448	CATV, FIBER OPTIC, TELEPHONE	AT&T, CHARTER CABLE	CONNECT TO POLE 78, 80
80	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	2029445	CATV, FIBER OPTIC, TELEPHONE	AT&T, CHARTER CABLE	CONNECT TO POLE 81, 79
81	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	18989	ELECTRIC, CATV, TELEPHONE, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	GUY E.
82	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	1214	TELEPHONE	AT&T	
83	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	NO TAG	TELEPHONE	AT&T	GUY E.
84	BULLDOZED PATH E. OF ALLEY, S. OF 7TH & PARALLEL OF EXCHANGE	725	TELEPHONE	AT&T	
85	105' SE OF POLE 84, 102' NW OF POLE 100	754619	TELEPHONE	AT&T	TELEPHONE SERVICE TO BILLBOARD
98	NE CORNER OF WINSTANLEY & 8TH CL	18997 683	FIBER OPTIC, ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	LIGHT
99	SE CORNER OF WINSTANLEY & 8TH	18996	TELEPHONE, ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE, AT&T	FOC DROP, GUY N. & S.
100	234' E. CL OF WINSTANLEY & 8TH CL	NO TAG	TELEPHONE	AT&T	
108	234' E. OF WINSTANLEY & 8TH CL	NO TAG	TELEPHONE SERVICE	AT&T	TELEPHONE SERVICE DROP
110	E. OF POLE 72	2799517	ELECTRIC	AMEREN ELECTRIC	
111	E. OF POLE 110	727564	ELECTRIC	AMEREN ELECTRIC	
112	N. OF POLE 111	18999	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	CABLE CUT AT POLE
114	W. OF POLE 113	737235	ELECTRIC	AMEREN ELECTRIC	
115	E. OF POLE 116	NO TAG	NO UTILITIES		TOP CUT OFF
116	W. OF POLE 114	737234	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, ELEC DROP
117	W. OF POLE 116	737233	ELECTRIC	AMEREN ELECTRIC	GUY
189	E. OF POLE 112	737232	ELECTRIC	AMEREN ELECTRIC	



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TBE Job No. 110950601.602.603.604.607.608.609  
 SUE Plan Page: 26 of 35

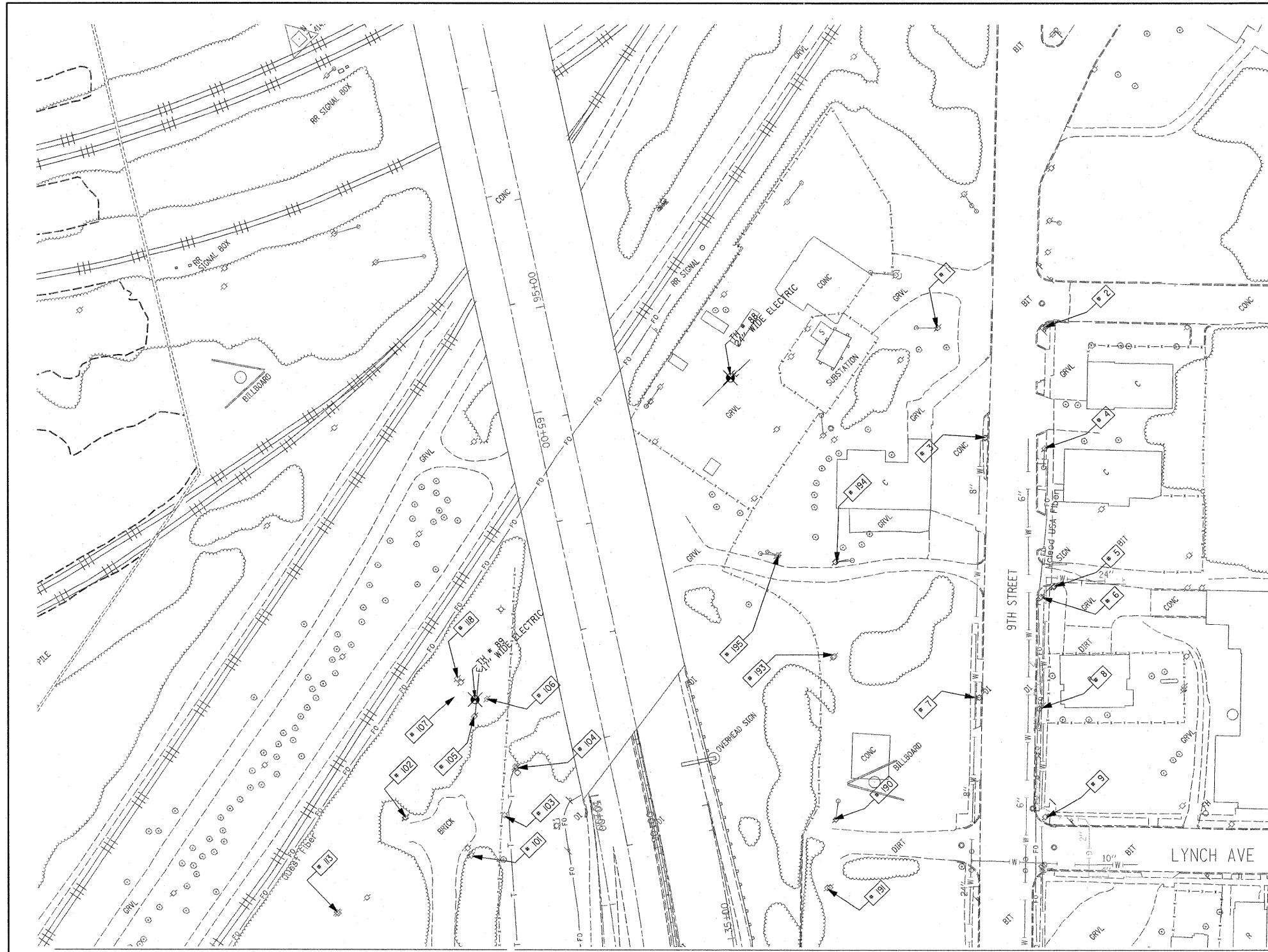
FILE NAME =	USER NAME =	DESIGNED EG, JP, LP	REVISED 7/28/09 - 8/26/09 ADDED TEST HOLES #60-108
#FILE#	PLOT SCALE = 1" = 50'	DRAWN KLC	CHECKED JB
	PLOT DATE = #DATE#	DATE 9/15/09	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

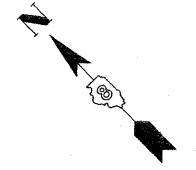
**Mississippi River Bridge Project**

SCALE:	SHEET NO.	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	28
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
1	NW CORNER 9TH & MORRIS AVE. EAST OF SUB STA.	728210(744)	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	2 GUYS TO THE NORTH
2	SE CORNER OF 9TH & MORRIS AVE.	18737	ELECTRIC, FIBER OPTIC, TELEPHONE, CATV	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT, FIBER HH TO WEST
3	125' WEST OF MORRIS AVE.	131*(DESTROYED)	TELEPHONE	AT&T	COMING ACROSS 9TH ST. FROM POLE #4
4	133' WEST OF LAKE AVE.	2475418 626	ELECTRIC, FIBER OPTIC, TELEPHONE, CATV	AMEREN ELECTRIC, CHARTER CABLE, AT&T	LIGHT
5	258' WEST OF MORRIS AVE. 26' S OF 9TH ST. CL.	734922	ELECTRIC, TELEPHONE	AMEREN ELECTRIC, AT&T	
6	267' WEST OF MORRIS AVE.	728207	ELECTRIC, FIBER OPTIC, TELEPHONE, CATV	AMEREN ELECTRIC, CHARTER CABLE, AT&T	TELEPHONE DROP
7	363' WEST OF MORRIS AVE.	NO TAG	NO UTILITIES		POLE ANCHOR, HOLDING UP POLE #8
8	371' WEST OF MORRIS AVE.	728206	ELECTRIC, CATV, FIBER OPTIC	AMEREN ELECTRIC, AT&T	GUY TO WEST
9	SE CORNER OF 9TH & LYNCH	18746 E628	ELECTRIC, CATV, FIBER OPTIC	AMEREN ELECTRIC, CHARTER CABLE, AT&T	
101	475' EAST OF WINSTANLEY & 8TH CL.	737238	NO UTILITIES		GUY TO SOUTH, ABANDONED POLE
102	508' EAST OF WINSTANLEY & 8TH CL.	737237	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER, LIGHT
103	508' EAST OF WINSTANLEY & 8TH CL.	NO TAG	ELECTRIC	AMEREN ELECTRIC	METER
104	569' EAST OF WINSTANLEY & 8TH CL.	NO TAG	ELECTRIC SERVICE	AMEREN ELECTRIC	METER
105	COULD NOT GET DUE TO TALL WEEDS	737239 745	ELECTRIC	AMEREN ELECTRIC	ELECTRIC DROP
106	COULD NOT GET DUE TO TALL WEEDS	737240	STRAIN POLE		HOLDING POLE 105
107	COULD NOT GET DUE TO TALL WEEDS	NO TAG	NO UTILITIES		2 GUYS EAST
113	WEST OF POLE 102	737236	ELECTRIC	AMEREN ELECTRIC	
118	NE OF POLE 105	737241	NO UTILITIES		2 GUYS
190	ON LYNCH 156' WEST OF 9TH ST. CL.	18745	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	GUY TO WEST
191	ON LYNCH 160' WEST OF 9TH ST. CL.	728213	ELECTRIC, CATV	AMEREN ELECTRIC, CHARTER CABLE	GUY TO SOUTH
193	SOUTH OF POLE #190	18744	ELECTRIC	AMEREN ELECTRIC	TRANSFORMER
194	NORTH OF POLE #193	18743	ELECTRIC	AMEREN ELECTRIC	
195	NORTH OF POLE #194	728212	ELECTRIC	AMEREN ELECTRIC	GUY, STRAIN FOR POLE #194



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

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

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

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

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

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

TBE Job No. IL09500601.602-603-604.  
 607-608-609  
 SUE Plan Page: 21 of 35

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**Mississippi River Bridge Project**

SCALE: SHEET NO. STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		St. Clair	60	29
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.



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

TBE Job No. 1109500501, 602, 603, 604, 607

FILE NAME =	USER NAME =	DESIGNED EG	REVISED
*FILE#		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	60	30
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.

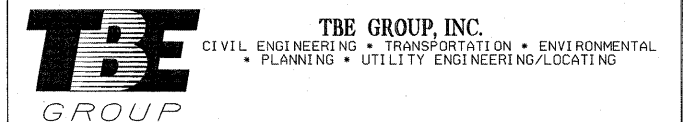
TH #82 - UNABLE TO EXPOSE UTILITY DUE TO COLLAPSING GRAVEL. BY UTILIZING THE AIR LANCE WE WERE ABLE TO FEEL THE TOP OF PIPE. UTILITY QUALITY LEVEL "B"

\* 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.



Checked By: \_\_\_\_\_ Date: \_\_\_\_\_ TBE Job No. IL09500601.602.603.604.607.608.609

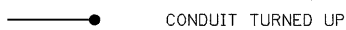
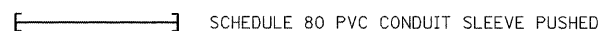
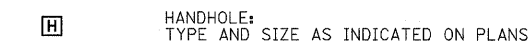
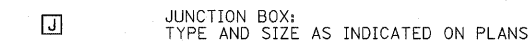
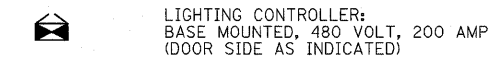
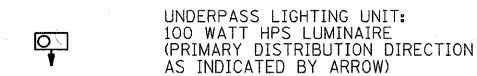
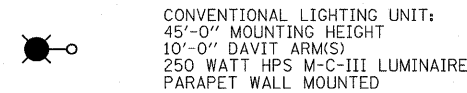
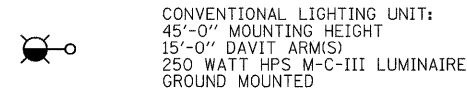
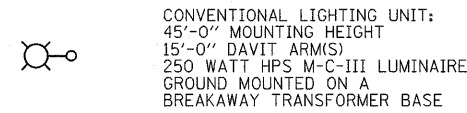
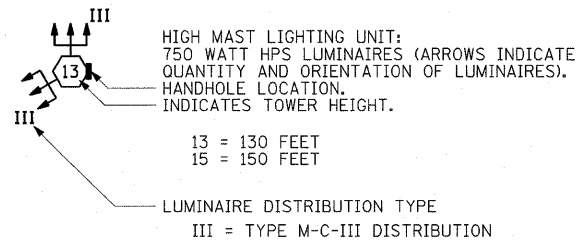
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

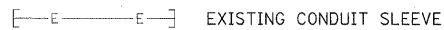
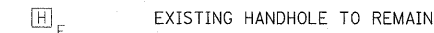
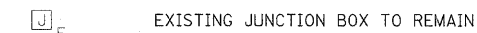
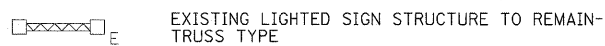
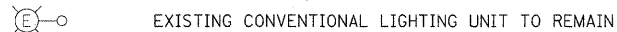
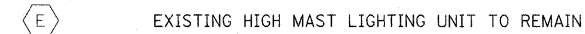
Mississippi River Bridge Project

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

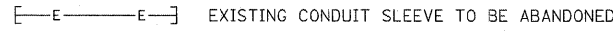
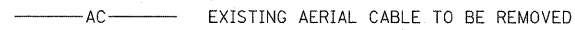
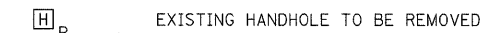
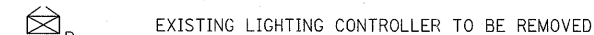
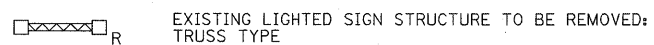
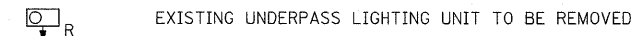
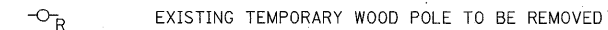
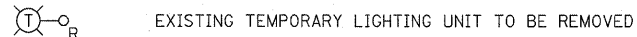
**ELECTRICAL SYMBOLS FOR PROPOSED WORK**



**ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS**



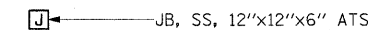
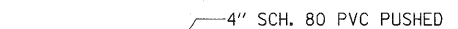
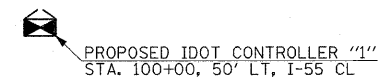
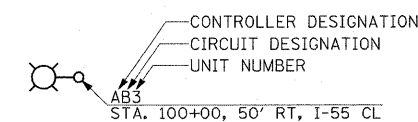
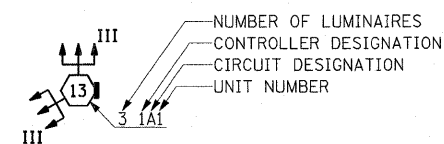
**ELECTRICAL SYMBOLS FOR REMOVAL WORK**



**ABBREVIATIONS**

A	AMPERES	NTS	NOT TO SCALE
AC	ALTERNATING CURRENT	PH	PHASE
A/C	AERIAL CABLE	PIN	PROJECT IDENTIFICATION NUMBER
ATS	ATTACHED TO STRUCTURE	PNL	PANEL
C	CONDUCTOR	PROP	PROPOSED
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
CNC	COILABLE NON-METALLIC CONDUIT	PVCC	POLYVINYL CHLORIDE COATED
CONC	CONCRETE	R	EXISTING UNIT TO BE REMOVED
CL	CENTERLINE	RGC	RIGID GALVANIZED STEEL CONDUIT
DIA	DIAMETER	ROW	RIGHT OF WAY
DWG	DRAWING	RL	EXISTING RELOCATED UNIT
E	EXISTING UNIT TO REMAIN	RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
EA	EACH	RT	RIGHT
EB	EASTBOUND	SB	SOUTHBOUND
ECA	ELECTRIC CABLE ASSEMBLY	SCH 40	SCHEDULE 40
EOR	EDGE OF ROADWAY	SCH 80	SCHEDULE 80
FT	FOOT, FEET	SHT	SHEET
FDN	FOUNDATION	SS	STAINLESS STEEL
GND, GRD	GROUND	STA	STATION
HPS	HIGH PRESSURE SODIUM	STD	STANDARD
I	INTERSTATE	STRUCT	STRUCTURE
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	T	TEMPORARY
IN	INCHES	TEL	TELEPHONE
J, JB	JUNCTION BOX	TS	TRAFFIC SIGNAL
KVA	KILOVOLT-AMPERE	TYP	TYPICAL
KW	KILOWATT	UD	UNIT DUCT
LF	LINEAR FEET	UNO	UNLESS NOTED OTHERWISE
LT	LEFT	V	VOLT
MA	MAST ARM(S)	W	WATT, WIRE
N/A	NOT APPLICABLE	WB	WESTBOUND
NB	NORTHBOUND	WM	WALL MOUNTED
NIC	NOT IN CONTRACT	WP	WOOD POLE
NO	NUMBER	XFMR	TRANSFORMER

**ELECTRICAL GENERAL CALLOUTS**

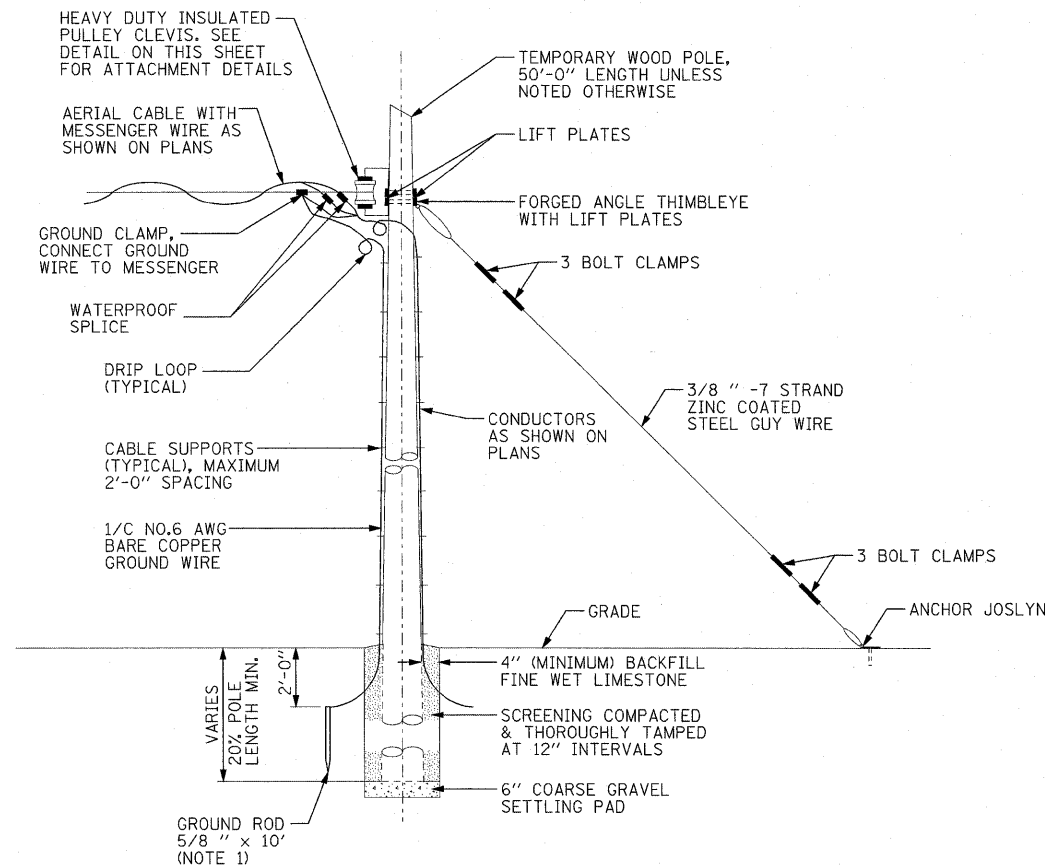


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		DATE - JANUARY 4, 2011	REVISED -									

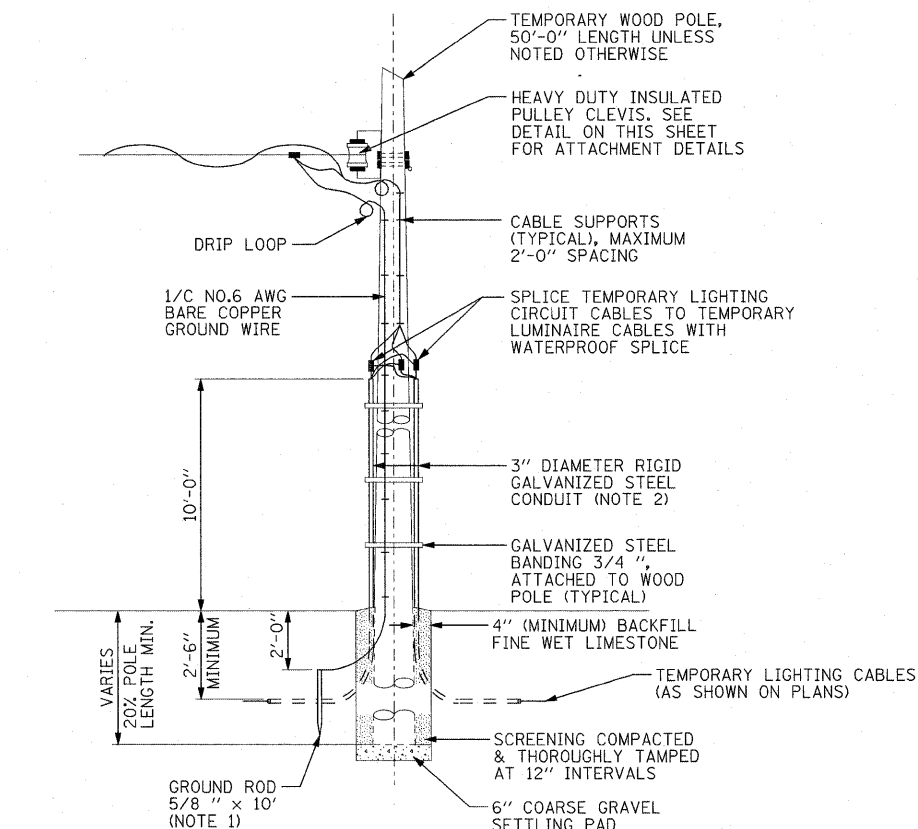


**NOTES:**

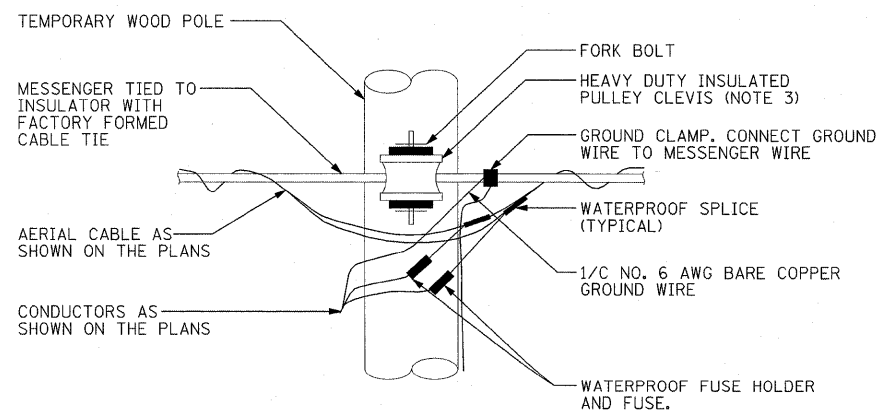
- GROUND RODS SHALL BE INSTALLED FOR ALL TEMPORARY WOOD POLES PER SECTION 806 OF THE STANDARDS.
- RIGID STEEL CONDUIT ATTACHED TO TEMPORARY WOOD POLE, PROVIDE A CONDUIT SEALING BUSHING. THE BUSHING MUST BE AS MANUFACTURED BY O-Z GEDNEY, TYPE CSBG OR APPROVED EQUAL. THE CONDUIT INCLUDING ALL FITTINGS, BUSHINGS, SUPPORT STRAPS AND HARDWARE WILL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH IT WILL BE INSTALLED.
- HEAVY DUTY INSULATED PULLEY CLEVIS AND ALL ASSOCIATED HARDWARE REQUIRED FOR A COMPLETE INSTALLATION WILL BE INCLUDED FOR PAYMENT IN THE COST OF THE ITEM FOR WHICH IT WAS INSTALLED.
- WOOD POLES SHALL BE INSTALLED PER SECTION 830.03 OF THE STANDARDS.



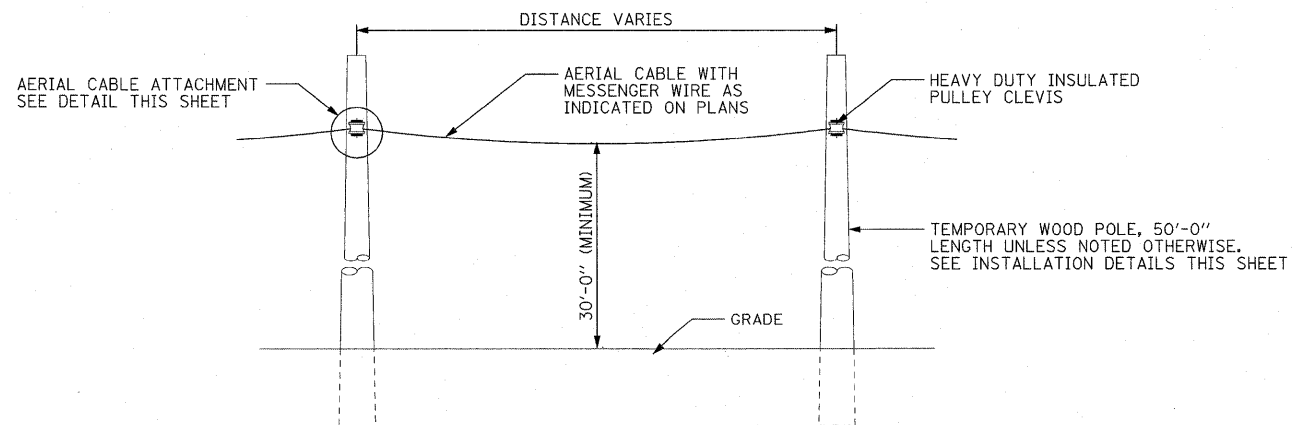
**TEMPORARY WOOD END POLE INSTALLATION DETAILS**  
WOOD POLE INSTALLATION IS SIMILAR (NOT TO SCALE)



**TEMPORARY POWER TO MAINLINE TEMPORARY LIGHTING UNIT INSTALLATION DETAIL**  
(NOT TO SCALE)

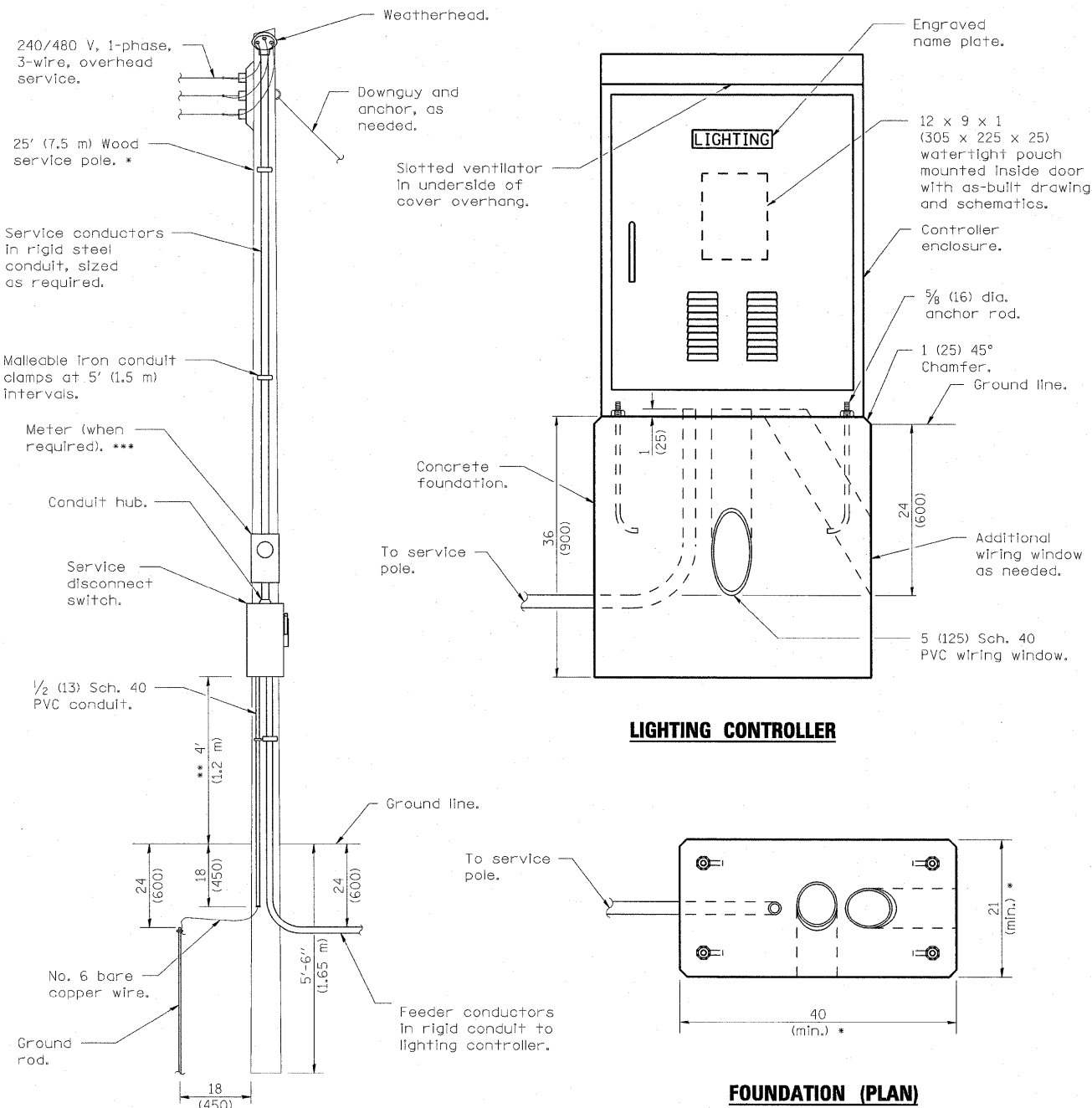


**TEMPORARY WOOD POLE AERIAL CABLE ATTACHMENT DETAIL**  
(NOT TO SCALE)



**AERIAL CABLE INSTALLATION DETAIL**  
(NOT TO SCALE)

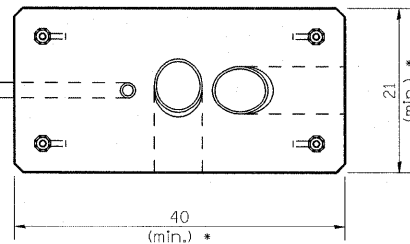
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		DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
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**ELECTRIC SERVICE INSTALLATION**

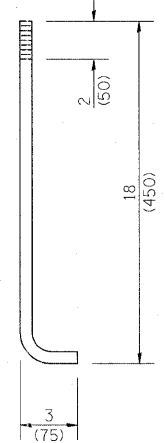
- \* Size larger as needed.
- \*\* Or as directed by Utility Company.
- \*\*\* When cold sequencing is required, provide a meter disconnect switch as directed by Utility Company.

**LIGHTING CONTROLLER**

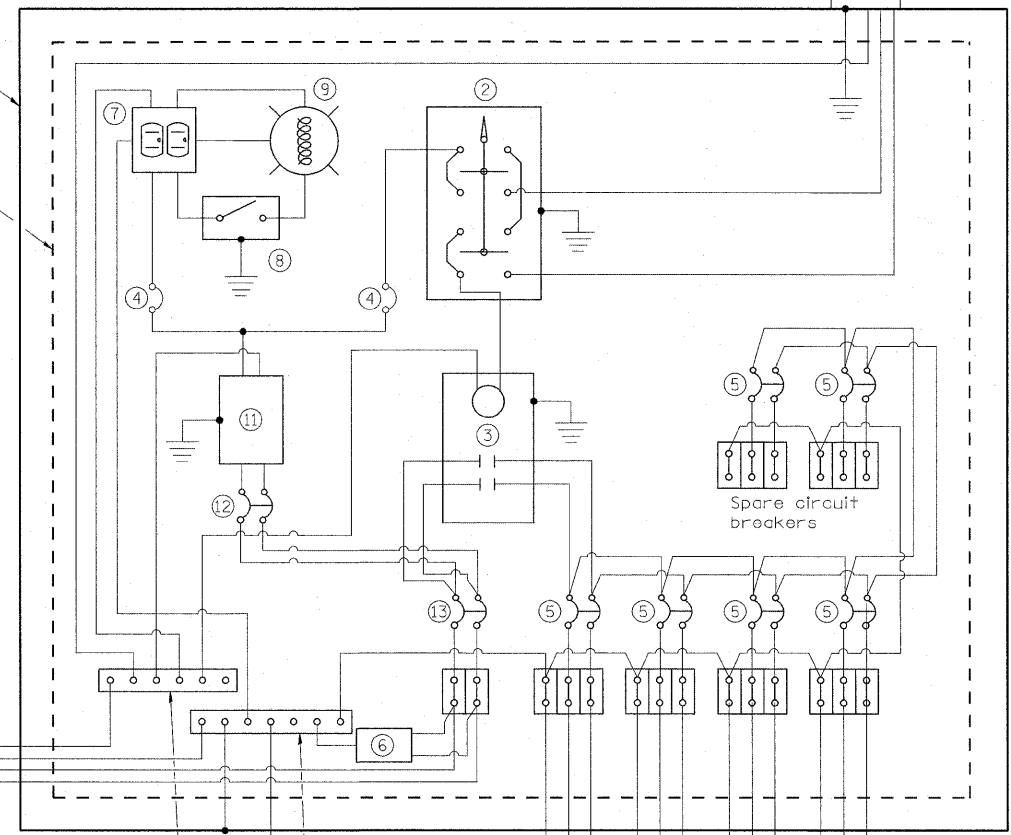


**FOUNDATION (PLAN)**  
(Work pad not shown.)

**ANCHOR ROD  
DETAIL**



Controller enclosure, minimum dimensions: 50H x 36W x 17D\*

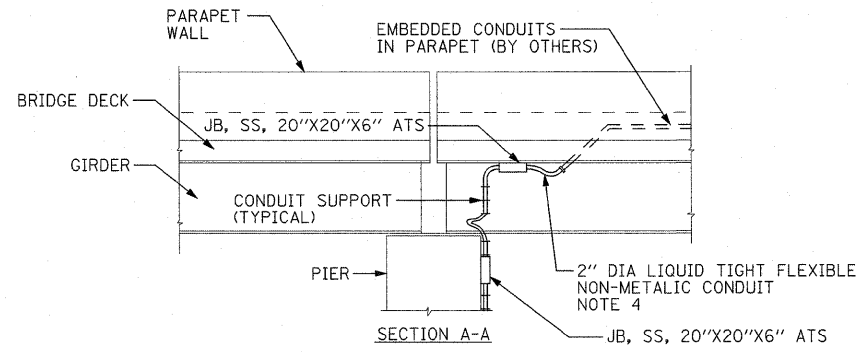
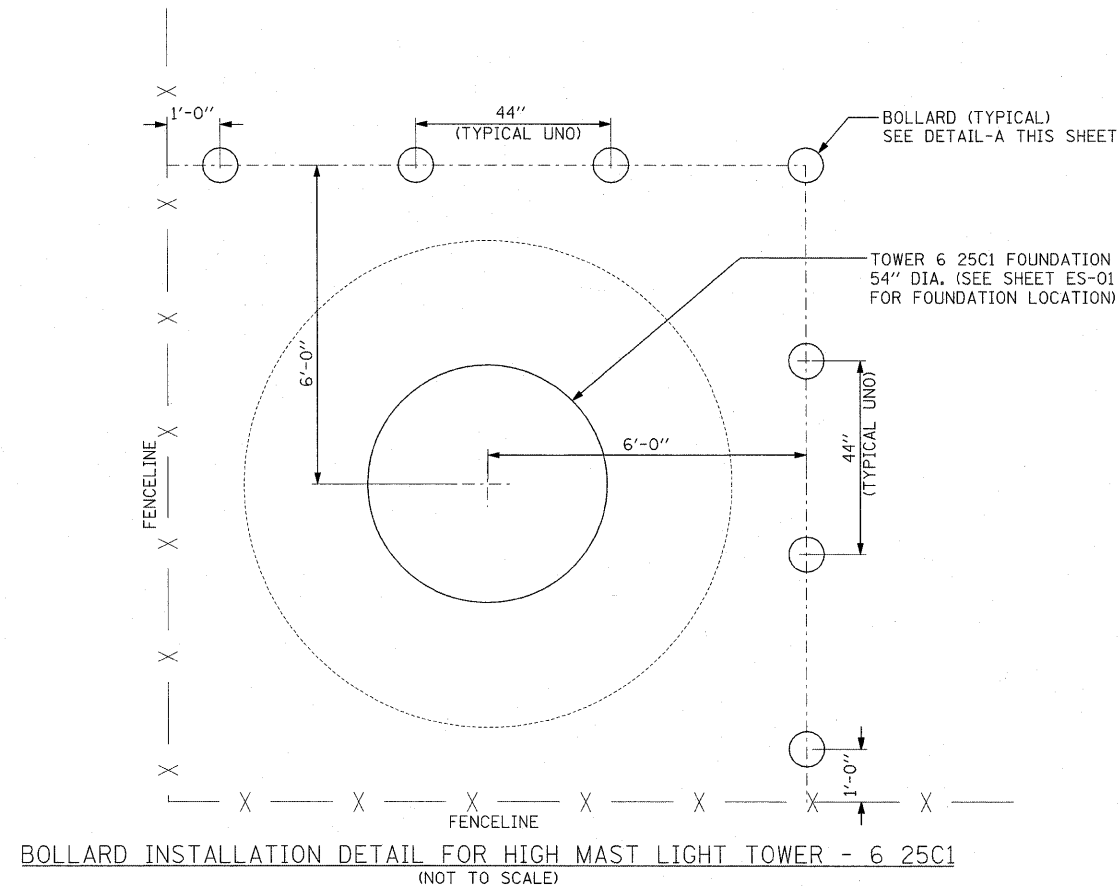


**CONTROL SCHEMATIC**

- ① Photocell with integral surge arrester.
  - ② HAND-OFF-AUTO selector switch.
  - ③ 200 amp\*, electrically held contactor.
  - ④ 15 amp, 1-pole circuit breaker.
  - ⑤ 50 amp\*, 2-pole circuit breaker (six total including 2 spares).
  - ⑥ Surge arrester.
  - ⑦ GFCI duplex receptacle.
  - ⑧ Single-pole, single-throw switch.
  - ⑨ Incandescent luminaire, enclosed and gasketed with 100 watt lamp.
  - ⑩ Service disconnect switch - 2-pole, 3-wire, 200 amp\*, fused at 200 amp\*, solid neutral in NEMA 4X enclosure having lockable external handle.
  - ⑪ Transformer - 3KVA\*, 480V primary, 120/240V secondary, single-phase, 60Hz.
  - ⑫ 15 amp, 2-pole circuit breaker.
  - ⑬ 200 amp\*, 2-pole circuit breaker.
- \* Size larger as needed.

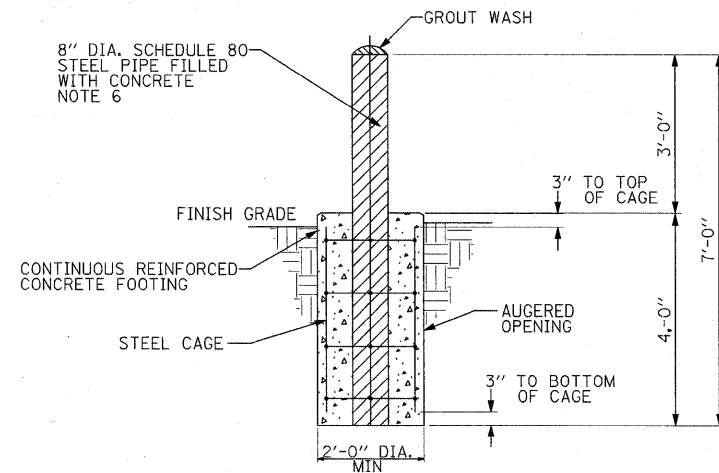
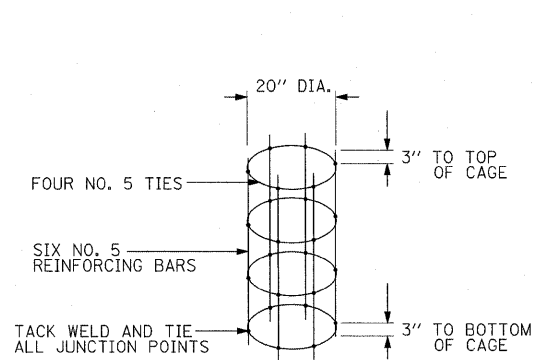
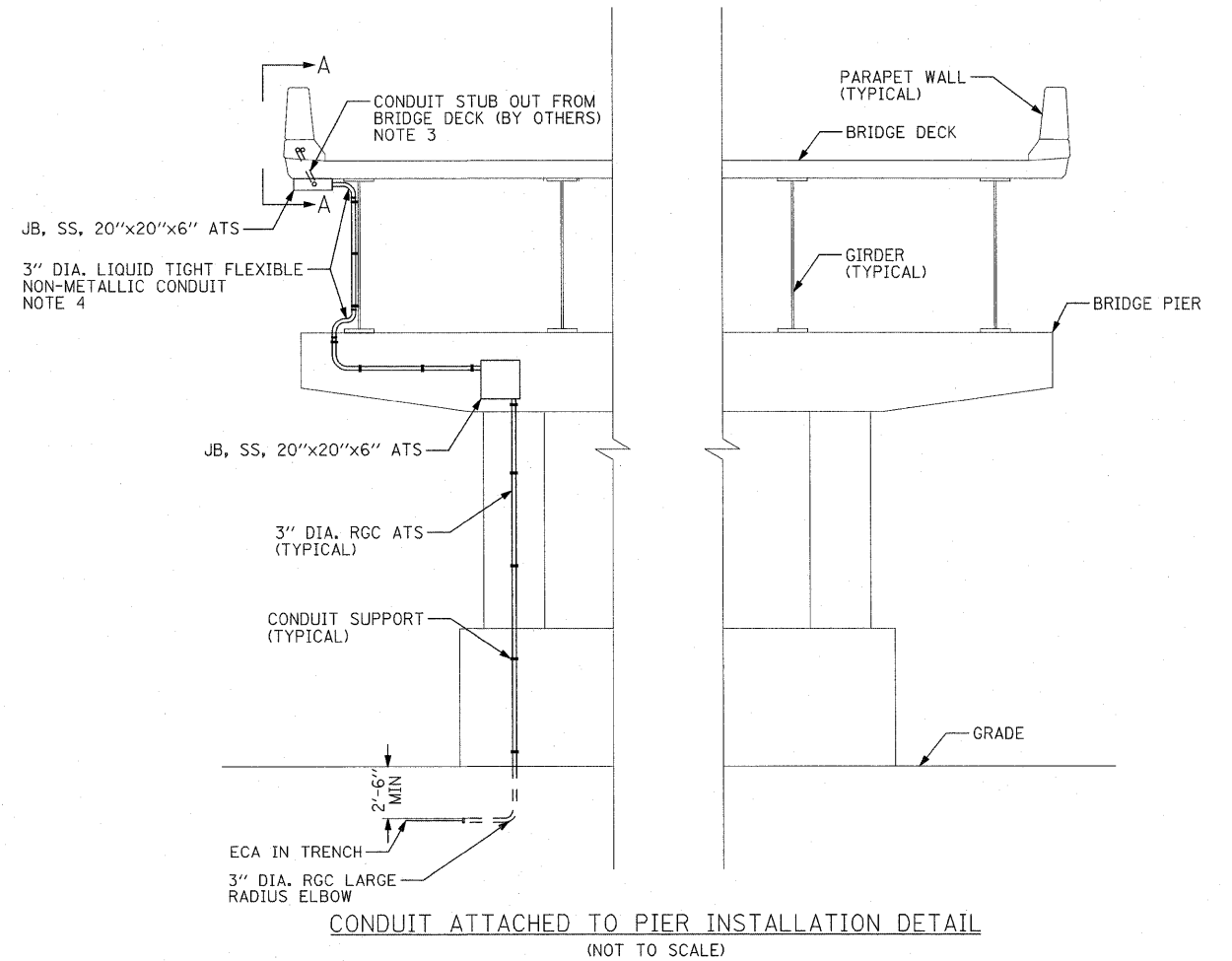
All dimensions are in inches (millimeters) unless otherwise shown.

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



**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DRAWING RL-02 FOR LOCATIONS OF JUNCTION BOXES AND CONDUITS ATTACHED TO BRIDGE STRUCTURES.
3. COORDINATE WORK WITH IDOT CONTRACTS 76C75 AND 76C76.
4. THE FLEXIBLE CONDUIT WILL BE MEASURED AND PAID FOR UNDER THE "CONDUIT ATTACHED TO STRUCTURE, GALVANIZED STEEL" PAY ITEMS.
5. PROVIDE A CABLE GRIP FITTING IN THE JUNCTION BOX AT THE TOP OF THE VERTICAL CONDUIT RUN TO PROVIDE STRAIN RELIEF TO THE ELECTRIC CABLE ASSEMBLY (ECA), THE FITTING MUST BE PYLE-NATIONAL COMPANY DBZM GROUP STRAIN RELIEF CONNECTOR WITH WOVEN GRIP OR APPROVED EQUAL. THE CABLE GRIP FITTING WILL BE MEASURED AND PAID FOR UNDER THE ELECTRIC CABLE ASSEMBLY PAY ITEM FOR WHICH IT IS INSTALLED.
6. BOLLARDS SHALL BE PAINTED, COLOR SHALL BE SAFETY YELLOW.



FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MISCELLANEOUS ELECTRICAL DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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SCALE: NONE						SHEET NO. 1 OF 1 SHEETS		STA. N/A		TO STA. N/A	

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE

HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER FOUNDATION LOCATION			HIGH MAST LIGHT TOWER FOUNDATION ELEVATIONS			HIGH MAST LIGHT TOWER AND FOUNDATION STAGING		HIGH MAST TOWER HEIGHT	REMARKS AND NOTES
	STATION	OFFSET (NOTE 4)	BASELINE	TOP ELEVATION	BOTTOM ELEVATION	DESIGN DEPTH (FT)	IDOT CONTRACT NO.	CONTRACT STAGE		
3 1A1	40+82	93.0' RT	EB I-64 BASELINE	395 EXIST	373.5	21.5	NOTE 6	-	130	
3 1A2	46+73	113.9' RT	EB I-64 BASELINE	393 CUT	371.5	21.5	NOTE 6	-	130	
3 1A3	52+57	83.5' RT	EB I-64 BASELINE	411 CUT	384.5	26.5	NOTE 6	-	130	
3 1A4	58+45	117.3' RT	EB I-64 BASELINE	416 EXIST	389.5	26.5	NOTE 6	-	130	
3 1B1	101+93	94.5' RT	WB I-64 BASELINE	398 EXIST	371.5	26.5	NOTE 6	-	130	
3 1B2	96+14	99.0' RT	WB I-64 BASELINE	406 CUT	379.5	26.5	NOTE 6	-	130	
3 1B3	90+29	113.1' RT	WB I-64 BASELINE	412 CUT	385.5	26.5	NOTE 6	-	130	
3 1B4	84+47	77.0' RT	WB I-64 BASELINE	419.5 EXIST	398	21.5	NOTE 6	-	130	
3 1C1	34+75.3	93.0' RT	EB I-64 BASELINE	405 CUT	378.5	26.5	NOTE 6	-	130	
3 1C2	29+00	103.6' RT	EB I-64 BASELINE	404 CUT	382.5	21.5	76C51	STAGE 2	130	
3 1C3	65+12	46.5' RT	RAMP 70E 64E BASELINE	410.5 CUT	382	28.5	76C76	STAGES 1 & 2	150	
3 1D1	107+71	96.0' RT	WB I-64 BASELINE	405 CUT	378.5	26.5	76C51	STAGE 2	130	
3 1D2	113+50	135.6' RT	WB I-64 BASELINE	403 CUT	381.5	21.5	NOTE 6	-	130	
6 1D3	63+54	45.0' RT	RAMP 64W 70W BASELINE	407 CUT	378.5	28.5	76C53	STAGE 3	150	
4 25A1	88+48	21.0' RT	SB I-55 BASELINE	412 CUT	388.5	23.5	76C75	STAGE 1, PHASE 2	150	
4 25A2	94+01	109.3' RT	SB I-55 BASELINE	414 EXIST	390.5	23.5	76C75	STAGE 1, PHASE 2	150	
3 25A3	98+61	50.0' RT	SB I-55 BASELINE	428 EXIST	399.5	28.5	76C76	STAGES 1 & 2	150	
3 25B1	89+60	112.8' LT	SB I-55 BASELINE	408.5 EXIST	385	23.5	76C76	STAGES 1 & 2	150	
3 25B2	67+42	105.0' LT	NB I-55 BASELINE	408 CUT	384.5	23.5	76C76	STAGES 1 & 2	150	
6 25B3	94+50	97.0' LT	SB I-55 BASELINE	421 CUT	397.5	23.5	76C76	STAGES 1 & 2	150	
4 25B4	64+25	41.4' LT	NB I-55 BASELINE	395 CUT	366.5	28.5	76C76	STAGES 1 & 2	150	
6 25C1	82+21	101.2' RT	SB I-55 BASELINE	418.4 FILL	391.9	26.5	NOTE 7	-	130	PROTOTYPE TOWER
3 25C2	77+42	103.1' RT	SB I-55 BASELINE	409 CUT	387.5	21.5	76C53	STAGES 2 & 3	130	
3 25C3	72+03	92.2' RT	SB I-55 BASELINE	418 FILL	396.5	21.5	76C53	STAGES 2 & 3	130	
3 25C4	66+67	50.0' RT	SB I-55 BASELINE	417 EXIST	395.5	21.5	76C53	STAGES 2 & 3	130	
4 25D1	71+00	40.7' LT	NB I-55 BASELINE	391 CUT	362.5	28.5	76C76	STAGES 1 & 2	150	
6 25D2	76+00	97.2' RT	NB I-55 BASELINE	398 CUT	376.5	21.5	76C53	STAGES 2 & 3	130	
3 25D3	81+50	159.4' RT	NB I-55 BASELINE	414 CUT	392.5	21.5	76C53	STAGES 2 & 3	130	
3 25D4	87+00	76.0' RT	NB I-55 BASELINE	425 CUT	403.5	21.5	76C53	STAGES 2 & 3	130	
3 25D5	92+19	94.0' RT	NB I-55 BASELINE	415 EXIST	388.5	26.5	76C53	STAGES 2 & 3	130	

- NOTES:**
- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  - SEE IDOT STANDARDS 835001 AND 837001 FOR LIGHT TOWER AND FOUNDATION DETAILS.
  - THE SCHEDULE ON THIS DRAWING REPLACES THE "HIGH MAST TABLE" ON IDOT STANDARD 837001.
  - OFFSET SHOWN IS TO CENTERLINE OF DRILLED SHAFT.
  - COORDINATE ALL WORK WITH CIVIL WORK, STRUCTURAL WORK, AND SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS.
  - THE HIGH MAST LIGHT TOWER AND FOUNDATION SHALL BE INSTALLED AFTER THE COMPLETION OF CONTRACT 76C49 AND PRIOR TO THE START OF CONTRACT 76C52.
  - HIGH MAST LIGHT TOWER 6 25C1 IS DESIGNATED AS THE PROTOTYPE TOWER AND WILL BE THE FIRST FOUNDATION AND TOWER INSTALLED FOR IDOT'S INSPECTION AND APPROVAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
  - THE CONTRACTOR SHALL VERIFY THE EXISTING TOP ELEVATIONS SHOWN ON THE FOUNDATION SCHEDULE PRIOR TO BEGINNING ANY FOUNDATION DRILLING WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF THERE ARE ANY DISCREPANCIES BETWEEN THE ACTUAL TOP ELEVATIONS MEASURED IN THE FIELD AND THE TOP ELEVATIONS SHOWN ON THE SCHEDULE. THE FOUNDATIONS MUST BE DRILLED TO THE DESIGN DEPTH.

**SUGGESTED CONSTRUCTION STAGING FOR ROADWAY LIGHTING AND TEMPORARY POWER WORK**

GENERAL STAGING NOTES:

1. THE SUGGESTED STAGING OF WORK FOR THE PROPOSED HIGH MAST LIGHTING SYSTEM DESCRIBED ON THIS SHEET IS BASED ON THE CONSTRUCTION STAGING FOR IDOT CONTRACT NUMBERS 76C49, 76C51, 76C52, 76C53, 76C55, 76C75 AND 76C76. THESE CONTRACTS WILL BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS CONTRACT. ANY MODIFICATIONS MADE TO THE CONSTRUCTION STAGING IN ANY OF THE ABOVE CONTRACTS MAY AFFECT THE STAGING OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL WORK IN THIS CONTRACT WITH THE LATEST UP TO DATE CONSTRUCTION STAGING FOR THE ABOVE CONTRACTS AT THE TIME THE WORK IS TO BE PERFORMED FOR THIS CONTRACT.
2. ADDITIONAL ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES (SOO) FOR THE INSTALLATION AND REMOVAL OF TEMPORARY WOOD POLES AND AERIAL CABLES FOR TEMPORARY POWER FEEDS TO HMLTS DESCRIBED ON THIS SHEET AND NOT SHOWN ON THE LIGHTING PLANS. THESE ESTIMATED QUANTITIES ARE BASED ON INSTALLING AND REMOVING 50-FOOT WOOD POLES AND 2-1/2" #2 AWC AERIAL CABLES WITH MESSENGER WIRE. TEMPORARY WOOD POLES SHALL BE INSTALLED APPROXIMATELY 150 FOOT APART (200 FOOT MAXIMUM SPACING). A TEMPORARY WOOD POLE WITH CONDUIT ATTACHED SHALL BE INSTALLED ADJACENT TO EACH HIGH MAST TOWER THAT REQUIRES A TEMPORARY POWER FEED AS SHOWN ON SHEET ME-02. ALL TEMPORARY WORK MUST BE APPROVED BY THE ENGINEER AND IDOT PRIOR TO THE START OF ANY WORK.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY LIGHTING POWER FEEDS AS REQUIRED TO MAINTAIN THE EXISTING LEVELS OF ILLUMINATION FOR ALL ROADWAYS FOR THE DURATION OF THIS CONTRACT AS DIRECTED BY THE ENGINEER AND IDOT. ANY ADDITIONAL TEMPORARY LIGHTING WORK REQUIRED BUT NOT SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE AND PROVIDED AT NO ADDITIONAL COST TO IDOT.

SUGGESTED WORK TO BE DONE DURING CONTRACT NO. 76C75-STAGE 1, PHASE 2

1. INSTALL THE PROTOTYPE HIGH MAST LIGHT TOWER (HMLT 25C1) IN THE IDOT BOWMAN AVENUE YARD AS SHOWN ON THE PLANS AND AS DESCRIBED IN THE SPECIAL PROVISIONS.
2. INSTALL THE ELECTRIC UTILITY SERVICE FEED AND PROPOSED IDOT LIGHTING CONTROLLER NO. 25 AS SHOWN ON THE PLANS AND ENERGIZE.
3. INSTALL A TEMPORARY AERIAL FEED FROM PROPOSED IDOT LIGHTING CONTROLLER NO. 25 TO PROPOSED HMLT 25C1 IN THE BOWMAN YARD (NOT SHOWN ON THE PLANS).
4. AFTER PROPOSED HMLT 25C1 INCLUDING THE TEMPORARY FEED HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER THE CONTRACTOR SHALL REMOVE EXISTING HMLT W-1.
5. INSTALL THE 4-INCH CONDUIT SLEEVES LOCATED UNDER RAMP 55S70W, AT APPROXIMATELY STA. 87+88 (SB I-55 BL).
6. INSTALL PROPOSED HMLTS 25A1 AND 25A2 INCLUDING ALL ASSOCIATED PERMANENT LIGHTING CABLES AND CONDUIT SLEEVES TO PROVIDE POWER TO THESE TOWERS AS SHOWN ON THE PLANS.
7. INSTALL THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25A2 TO THE PROPOSED CONVENTIONAL LIGHTING UNITS MOUNTED ON THE PARAPET WALL OF STRUCTURE NO. 082-035 (RAMP 55S70W) INCLUDING THE CONDUIT RISER UP THE PIER AND JUNCTION BOXES AS SHOWN ON THE PLANS.
8. INSTALL PROPOSED CONVENTIONAL LIGHTING UNITS 25A4, 25A6, 25A8, 25A10, 25A12 AND 25A14 MOUNTED ON THE PARAPET WALL OF STRUCTURE NO. 082-035 (RAMP 55S70W) INCLUDING ALL LIGHTING CABLES IN THE EXISTING CONDUIT EMBEDDED IN THE PARAPET WALL AS SHOWN ON THE PLANS.

SUGGESTED WORK TO BE DONE DURING CONTRACT NO. 76C76-STAGES 1 AND 2

1. INSTALL PROPOSED HMLTS 25A3, 25B1, 25B2, 25B3, 25B4 AND 25D1 INCLUDING ALL ASSOCIATED PERMANENT LIGHTING CABLES AND CONDUIT SLEEVES TO PROVIDE POWER TO THESE TOWERS AS SHOWN ON THE PLANS.
2. INSTALL THE PERMANENT FEED FROM PROPOSED HMLT 25B1 TO THE EXISTING SIGN TRUSS LOCATED ON RAMP 64W55S AT APPROXIMATE STA. 128+50 (RAMP 64W55S BL) AS SHOWN ON THE PLANS.
3. INSTALL PROPOSED HMLT 1C3 AND A TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 3 (LOCATED ON EB I-64) TO PROPOSED HMLT 1C3. (THIS WORK IS NOT SHOWN ON THE PLANS).
4. LOCATE AND INTERCEPT THE EXISTING UNDERGROUND LIGHTING CIRCUIT BETWEEN EXISTING HMLTS H-1 AND SC-1 AT THE BASE OF EXISTING HMLT SC-1. EXTEND AND ROUTE THE EXISTING LIGHTING CIRCUIT TO PROPOSED HMLT 1C3 AND CONNECT THE EXISTING LIGHTING CIRCUIT TO THE TEMPORARY LIGHTING CIRCUIT FEEDING PROPOSED HMLT 1C3 TO PROVIDE A TEMPORARY FEED TO EXISTING HMLT H-1 (THIS WORK IS NOT SHOWN ON THE PLANS).
5. INSTALL THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25A3 TO THE PROPOSED CONVENTIONAL LIGHTING UNITS MOUNTED ON THE PARAPET WALL OF STRUCTURE NO. 082-0322 (RAMP 70E64E) INCLUDING THE CONDUIT RISER UP THE PIER AND THE JUNCTION BOXES AS SHOWN ON THE PLANS.

6. INSTALL PROPOSED CONVENTIONAL LIGHTING UNITS 25A5, 25A7, 25A9, 25A11 AND 25A13 MOUNTED ON THE PARAPET WALL OF STRUCTURE NO. 082-0322 (RAMP 70E64E) INCLUDING ALL LIGHTING CABLES IN THE EXISTING CONDUIT EMBEDDED IN THE PARAPET WALL AS SHOWN ON THE PLANS.
7. INSTALL PROPOSED GROUND MOUNTED CONVENTIONAL LIGHTING UNITS 25A15, 25A16, 25A17 AND 25A18 INCLUDING ALL PERMANENT LIGHTING CABLES, JUNCTION BOXES AND CONDUITS AS SHOWN ON THE PLANS.
8. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT 64W70W UNDERPASS LIGHTING FEED ON THE BRIDGE PIER AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25D1 TO SIGN TRUSS NO. E-5 AND THEN TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
9. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT RAMP 55S64E UNDERPASS LIGHTING FEED ON THE BRIDGE PIER AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25D1 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
10. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT RAMP 70E55N UNDERPASS LIGHTING FEED ON THE BRIDGE PIER AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25B3 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
11. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT RAMP 70E64E UNDERPASS LIGHTING FEED ON THE BRIDGE PIER AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 25B3 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
12. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT RAMP 70E64E UNDERPASS LIGHTING FEED ON THE BRIDGE PIER AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 1C3 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
13. AFTER PROPOSED HMLTS 25A3, 25B1, 25B2, 25B3, 25B4, 25D1, AND 1C3 INCLUDING ALL TEMPORARY AND PERMANENT FEEDS HAVE BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER THE CONTRACTOR SHALL REMOVE THE FOLLOWING:
  - A. EXISTING HMLTS E-1, K-1, SC-1, SC-2, W-2, AND W-3.
  - B. CONVENTIONAL LIGHTING UNIT K-2.
  - C. THE SIGN LIGHTING ELECTRICAL FEEDS TO EXISTING SIGN TRUSS NOS. 16, E-4 AND E-5.

SUGGESTED WORK TO BE DONE DURING CONTRACT NO. 76C51-STAGE 1

1. INSTALL TWO TEMPORARY AERIAL FEEDS OVER 9TH STREET; ONE AERIAL FEED ON THE WB I-64 SIDE FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 4 TO EXISTING CONVENTIONAL LIGHTING UNIT NO. 6 AND THE SECOND AERIAL FEED ON THE EB I-64 SIDE FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 3 TO EXISTING CONVENTIONAL LIGHTING UNIT NO. 5. THE TEMPORARY FEEDS MUST BE ROUTED UP THE SLOPE TOWARDS THE FRONTAGE ROADS SUCH THAT THE WOOD POLES AND AERIAL CABLES DO NOT INTERFERE WITH THE 9TH STREET BRIDGE CONSTRUCTION WORK. THE CONTRACTOR MUST COORDINATE THE LOCATION OF THESE TEMPORARY FEEDS WITH THE STAGES OF CONSTRUCTION FOR CONTRACT 76C51 AND MARK THE WOOD POLE LOCATIONS IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK (THIS WORK IS NOT SHOWN ON THE PLANS).

SUGGESTED WORK TO BE DONE PRIOR TO THE START OF CONTRACT NO. 76C52 (SUGGESTED START DATE, SUMMER OF 2011, COORDINATE WITH THE COMPLETION OF CONTRACT NO. 76C49)

1. INSTALL THE ELECTRIC UTILITY SERVICE FEED AND PROPOSED IDOT LIGHTING CONTROLLER NO. 1 AS SHOWN ON THE PLANS AND ENERGIZE.
2. INSTALL THE 4-INCH CONDUIT SLEEVES UNDER I-64 LOCATED AT APPROXIMATELY STATION 103+45 (WB I-64 BL).
3. INSTALL PROPOSED HMLTS 1A1, 1A2, 1A3, 1A4, 1B1, 1B2, 1B3, 1B4, 1C1 AND 1D1; CONVENTIONAL LIGHTING UNIT NOS. 1A5 AND 1A6 INCLUDING ALL ASSOCIATED PERMANENT LIGHTING CABLES AND CONDUIT SLEEVES TO PROVIDE POWER TO THESE TOWERS AND LIGHT POLES AS SHOWN ON THE PLANS.
4. INSTALL THE PERMANENT 15TH STREET UNDERPASS LIGHTING FEED FROM PROPOSED HMLT 1B2 TO THE EXISTING JUNCTION BOX MOUNTED ON THE BRIDGE STRUCTURE AS SHOWN ON THE PLANS.
5. INSTALL A TEMPORARY AERIAL FEED FROM PROPOSED HMLT 1C1 TO EXISTING CONVENTIONAL LIGHTING UNIT NO. 7 (LOCATED ON EB I-64) (THIS WORK IS NOT SHOWN ON THE PLANS).
6. INSTALL A TEMPORARY AERIAL FEED FROM HMLT 1D1 TO EXISTING CONVENTIONAL LIGHTING UNIT NO. 8 (LOCATED ON WB I-64) PROPOSED (THIS WORK IS NOT SHOWN ON THE PLANS).
7. AFTER PROPOSED HMLTS 1A1, 1A2, 1A3, 1A4, 1B1, 1B2, 1B3, 1B4, 1C1 AND 1D1; CONVENTIONAL LIGHTING UNIT NOS. 1A5 AND 1A6 AND ALL PERMANENT FEEDS HAVE BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE FOLLOWING:
  - A. DE-ENERGIZE AND REMOVE EXISTING IDOT LIGHTING CONTROLLER NO. 1 AND THE EXISTING ELECTRIC UTILITY SERVICE FEED TO THE CONTROLLER.
  - B. EXISTING CONVENTIONAL LIGHTING UNIT NOS. 9, 10, 11, 12, 13, 14, 16, 21, 29, 31, 33, 37, 38, 39 AND 42 (LOCATED ALONG I-64).
  - C. THE TEMPORARY LIGHTING UNITS, WOOD POLES AND AERIAL CABLES LOCATED ALONG I-64 FROM APPROXIMATELY 12TH STREET TO 18TH STREET.

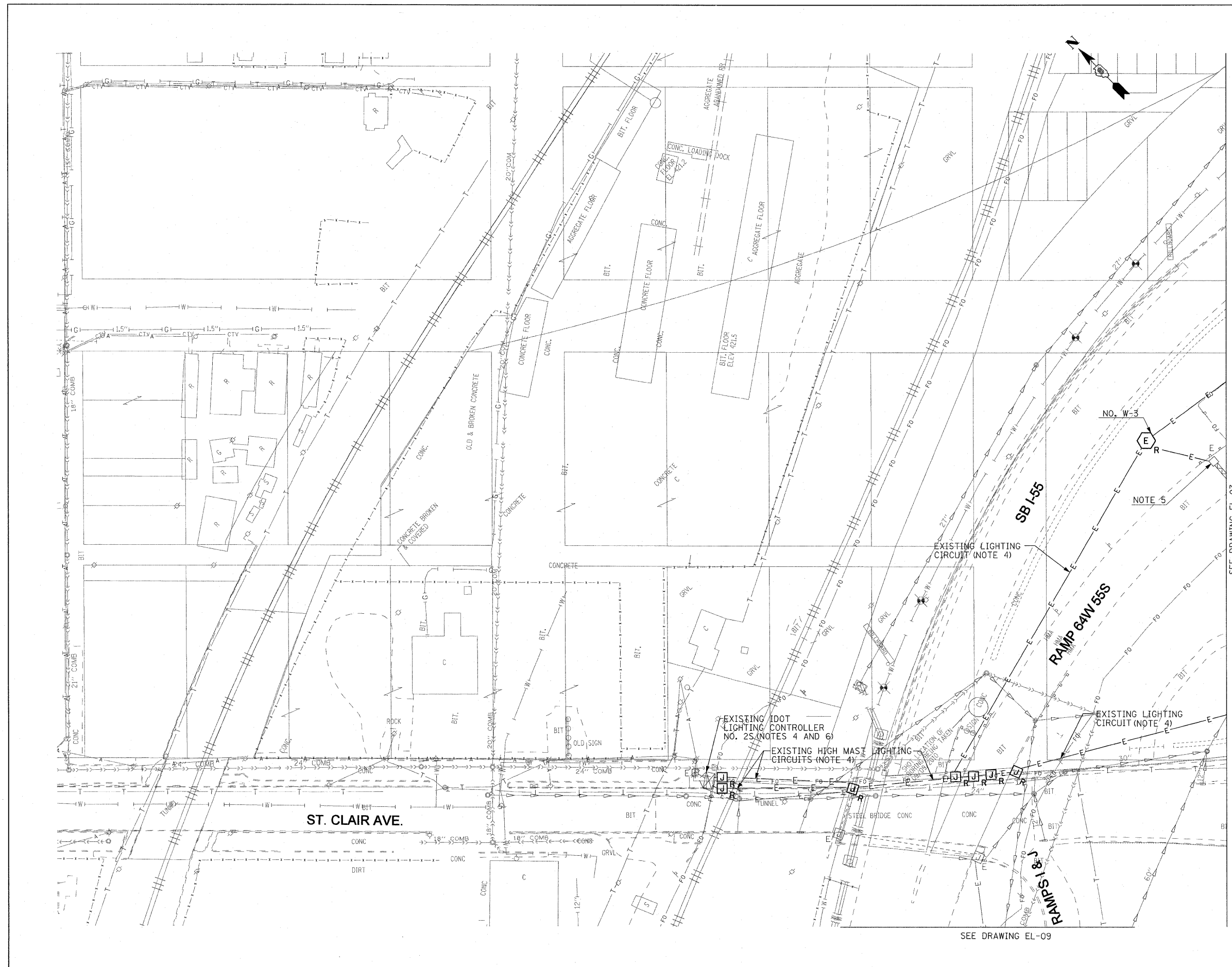
SUGGESTED WORK TO BE DONE DURING CONTRACT NO. 76C51-STAGE 2

1. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT ST. CLAIR AVE. UNDERPASS LIGHTING FEED ON THE BRIDGE ABUTMENT AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 1C3 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
2. INSTALL PROPOSED GROUND MOUNTED CONVENTIONAL LIGHTING UNITS 25B5 AND 25B6 INCLUDING ALL PERMANENT LIGHTING CABLES AND CONDUIT SLEEVES TO PROVIDE POWER TO THESE LIGHT POLES FROM PROPOSED HMLT 25B4 AS SHOWN ON THE PLANS.
3. INSTALL PROPOSED HMLT 1C2 INCLUDING THE PERMANENT LIGHTING CABLES AND CONDUIT SLEEVE TO PROVIDE POWER TO THIS TOWER AS SHOWN ON THE PLANS.
4. INSTALL THE PERMANENT LIGHTING CABLES AND CONDUIT SLEEVE FROM PROPOSED HMLT 1C2 TO PROPOSED HMLT 1C3 AS SHOWN ON THE PLANS. REMOVE THE TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO.3 TO PROPOSED HMLT 1C3.
5. REMOVE THE TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 7 TO PROPOSED HMLT 1C1.
6. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT 9TH STREET UNDERPASS LIGHTING FEED ON THE BRIDGE ABUTMENT AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 1C2 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
7. INSTALL PROPOSED HMLT 1D2 INCLUDING THE PERMANENT LIGHTING CABLES AND CONDUIT SLEEVE TO PROVIDE POWER TO THIS TOWER AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN POWER TO THE EXISTING WB I-55 CONVENTIONAL LIGHTING UNIT NOS. 6 AND 8 UNTIL PROPOSED HMLT 1D2 HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER.
8. DISCONNECT THE TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 6 AND CONNECT THE AERIAL FEED TO PROPOSED HMLT 1D2 TO REFEED EXISTING CONVENTIONAL LIGHTING UNIT NOS. 2 AND 4 FROM THE NEW LIGHTING CIRCUIT AT PROPOSED HMLT 1D2.
9. THE TEMPORARY AERIAL FEED FROM PROPOSED HMLT 1D1 TO EXISTING CONVENTIONAL LIGHTING UNIT NO. 8 SHALL REMAIN IN SERVICE TO PROVIDE POWER TO THE SIGN LUMINAIRES ON EXISTING SIGN TRUSS NO. 4 UNTIL THE SIGN STRUCTURE IS REMOVED IN CONTRACT NO. 76C52.
10. REMOVE EXISTING CONVENTIONAL LIGHTING UNIT NOS. 1, 3, 5, 6 AND 7 AND THE SIGN LIGHTING ELECTRICAL FEEDS TO EXISTING SIGN TRUSS NOS. 3 AND ST-1.

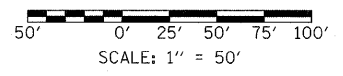
SUGGESTED WORK TO BE DONE DURING CONTRACT NO. 76C53-STAGES 2 AND 3

1. INSTALL PROPOSED HMLTS 1D3, 25C2, 25C3, 25C4, 25D2, 25D3, 25D4 AND 25D5; CONVENTIONAL LIGHTING UNIT NOS. 25D6, 25D7 AND 25D8 INCLUDING ALL ASSOCIATED PERMANENT LIGHTING CABLES AND CONDUIT SLEEVES TO PROVIDE POWER TO THESE TOWERS AND POLES AS SHOWN ON THE PLANS.
2. INSTALL THE PERMANENT FEED FROM PROPOSED LIGHTING CONTROLLER NO. 25 TO PROPOSED HMLT 25C1 AS SHOWN ON THE PLANS AND REMOVE THE TEMPORARY AERIAL FEED.
3. INSTALL THE PERMANENT FEED TO THE RAMP 0 EXISTING CONVENTIONAL LIGHTING UNITS AS SHOWN ON THE PLANS.
4. INSTALL THE 12"x12"x6" JUNCTION BOX FOR THE PERMANENT RAMP 70E55N UNDERPASS LIGHTING FEED ON THE BRIDGE ABUTMENT AND THE PERMANENT LIGHTING CABLES FROM PROPOSED HMLT 1D3 TO THE JUNCTION BOX AS SHOWN ON THE PLANS.
5. DISCONNECT AND REMOVE THE EXISTING SIGN LUMINAIRES MOUNTED ON TWO EXISTING SIGN STRUCTURES LOCATED AT APPROXIMATELY STA. 49+30 (NB I-55 BL) AND STA. 60+92 (NB I-55 BL) AS SHOWN ON THE PLANS.
6. AFTER PROPOSED HMLTS 1D3, 25C2, 25C3, 25C4, 25D2, 25D3, 25D4 AND 25D5; CONVENTIONAL LIGHTING UNITS 25D6, 25D7 AND 25D8 INCLUDING ALL PERMANENT FEEDS HAVE BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER THE CONTRACTOR SHALL REMOVE THE FOLLOWING:
  - A. EXISTING HMLTS B0-1, H-1, 0-1, P-1 AND P-2.
  - B. THE SIGN LIGHTING ELECTRICAL FEEDS TO EXISTING SIGN TRUSS NOS. 2, 4 AND 11.
  - C. THE SIGN LIGHTING ELECTRICAL FEED TO THE EXISTING SIGN TRUSS LOCATED ALONG NB I-55 AT APPROXIMATELY STA. 90+75 (NB I-55 BL).
  - D. EXISTING CONVENTIONAL LIGHTING UNIT NOS. 2, 4 AND 8.
  - E. THE TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 8 TO PROPOSED HMLT 1D1.
  - F. THE TEMPORARY AERIAL FEED FROM EXISTING CONVENTIONAL LIGHTING UNIT NO. 4 TO PROPOSED HMLT 1D2.
  - G. THE TEMPORARY AERIAL FEED FROM EXISTING HMLT H-1 TO PROPOSED HMLT 1C3.

FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING STAGING PLANS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = 1:80000 ' / IN.	DRAWN - TL	REVISED -			55/64	82-1L	ST. CLAIR	60	37	
	PLOT DATE = 1/3/2011	CHECKED - JPC	REVISED -			SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA. CONTRACT NO. 76C54					
		DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



- NOTES:**
1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  2. THE EXISTING ROADWAY LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
  3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  4. REMOVE THE EXISTING CONDUITS AND JUNCTION BOXES ATTACHED TO STRUCTURE MADE OBSOLETE BY THE REMOVAL OF THE EXISTING HIGH MAST TOWERS ALL THE WAY BACK TO EXISTING IDOT LIGHTING CONTROLLER 2S. THE CONDUIT REMOVAL SHALL BE PAID FOR UNDER THE "REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE" PAY ITEM.
  5. DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND DISCONNECT SWITCH TO REMAIN FOR RECONNECTION TO THE PROPOSED LIGHTING CIRCUIT SHOWN ON RL-02.
  6. THE EXISTING IDOT LIGHTING TO REMAIN SOUTH OF ST. CLAIR IS FED FROM EXISTING IDOT LIGHTING CONTROLLER 2S. THIS LIGHTING MUST REMAIN IN SERVICE WITHOUT INTERRUPTION FOR THE DURATION OF THE CONTRACT.



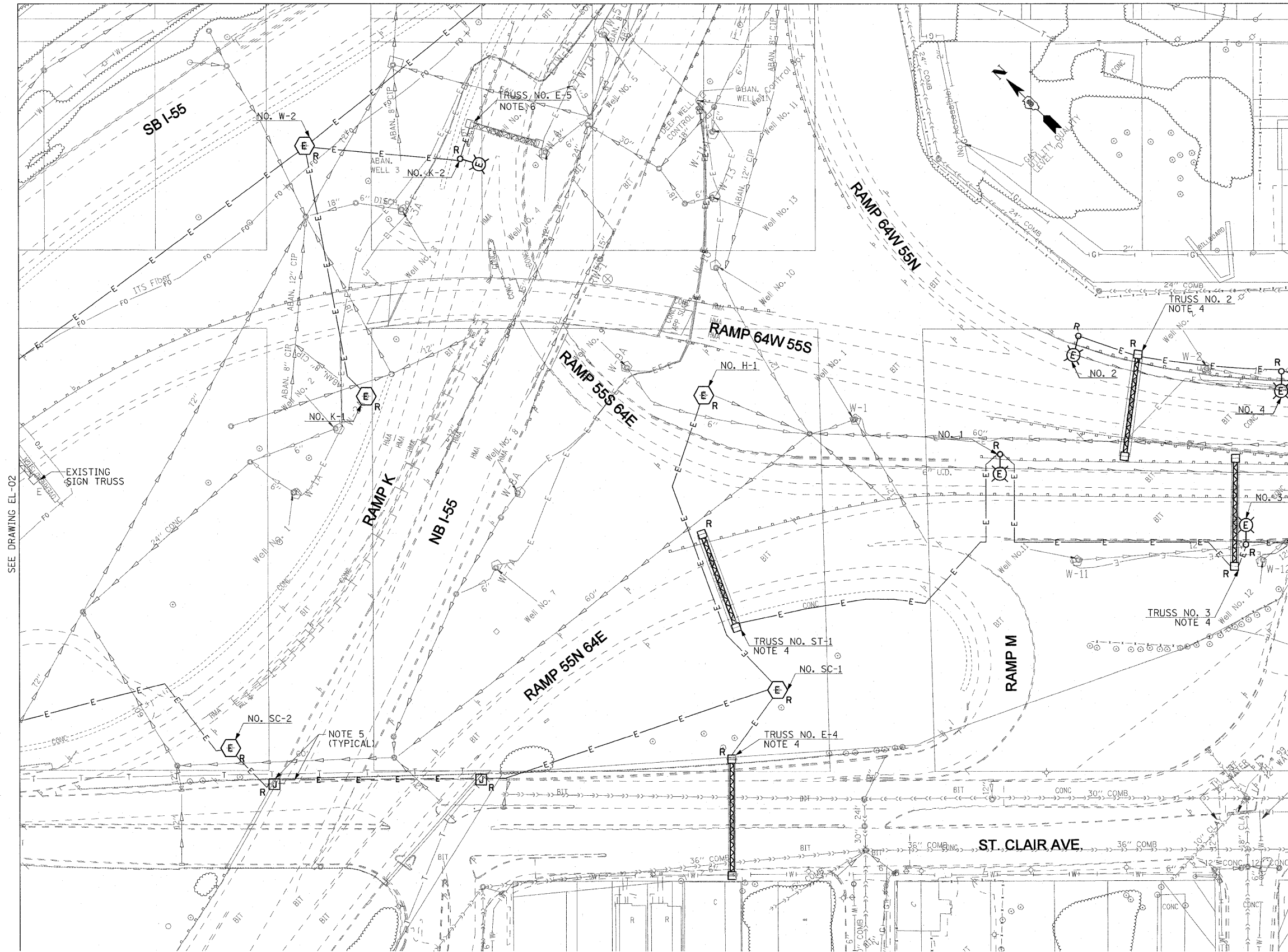
FILE NAME =	USER NAME = jentzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILE#	PLOT SCALE = 50.0001' / IN.	DRAWN - TL	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 8 SHEETS	STA. 51+87.84 TO STA. 65+97.00	55/64	82-1L	ST. CLAIR	60	38
	PLOT DATE = 12/29/2010	CHECKED - JPC	REVISED -									
		DATE - JANUARY 4, 2011	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76C54	

EL-02

SEE DRAWING EL-07

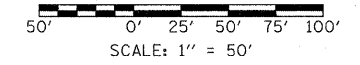
**NOTES:**

- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- THE EXISTING ROADWAY LIGHTING SYSTEM, WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
- COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
- DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND ALL ELECTRICAL EQUIPMENT MOUNTED TO SIGN STRUCTURE WILL BE REMOVED AS PART OF STRUCTURE.
- REMOVE THE EXISTING CONDUITS AND JUNCTION BOXES ATTACHED TO STRUCTURE MADE OBSOLETE BY THE REMOVAL OF THE HIGH MAST TOWERS. THE CONDUIT REMOVAL SHALL BE PAID FOR UNDER THE "REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE" PAY ITEM.
- DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND DISCONNECT SWITCH TO REMAIN FOR RECONNECTION TO THE PROPOSED LIGHTING CIRCUIT SHOWN ON RL-03.



SEE DRAWING EL-02

SEE DRAWING EL-04

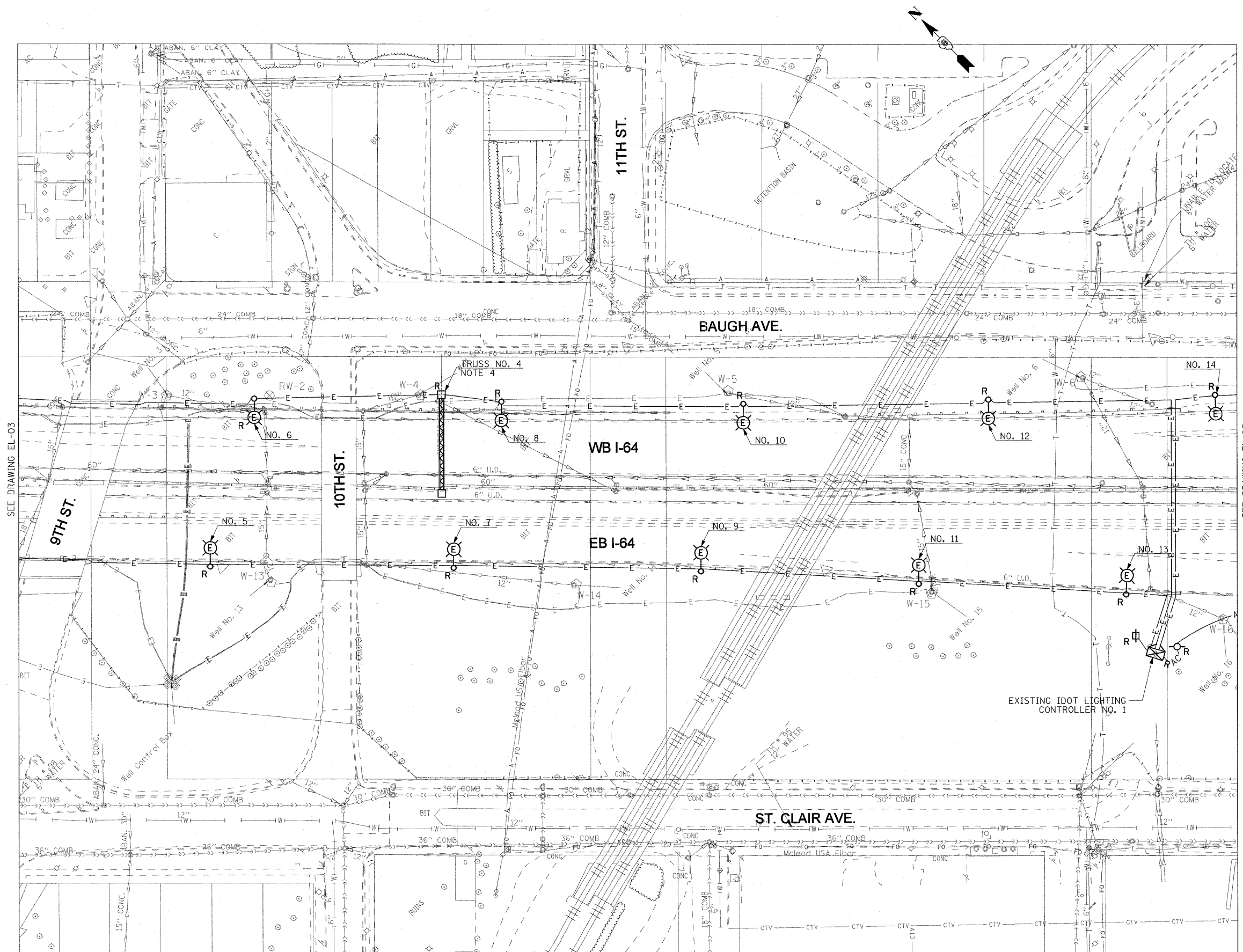


EL-03

FILE NAME = \$FILE#	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>			F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 39
	PLOT SCALE = 50.0001' / IN.	DRAWN - TL	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 8 SHEETS	STA. 65+97.00 TO STA. 27+90.81	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54		
	PLOT DATE = 12/30/2010	CHECKED - JPC	REVISED -									
		DATE - JANUARY 4, 2011	REVISED -									

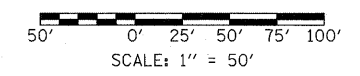
**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. THE EXISTING ROADWAY LIGHTING SYSTEM, WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE THE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND ALL ELECTRICAL EQUIPMENT ATTACHED TO THE SIGN STRUCTURE WILL BE REMOVED WITH THE STRUCTURE BY OTHERS IN CONTRACT 76C52.



SEE DRAWING EL-03

SEE DRAWING EL-05



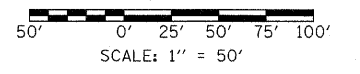
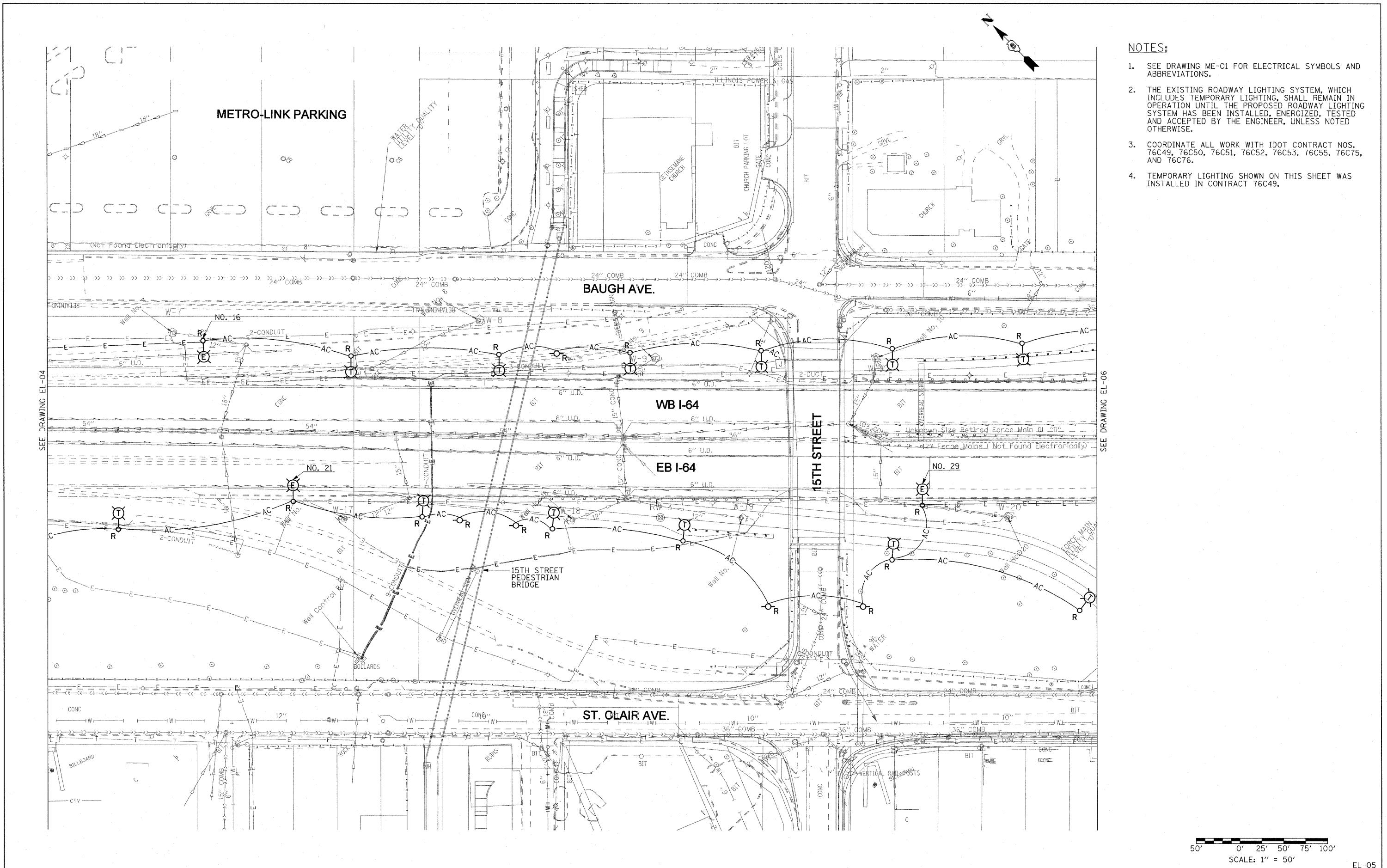
EL-04

FILE NAME = #FILE#	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>			F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 40
	PLOT SCALE = 50.0001' / IN.	DRAWN - TL	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 8 SHEETS	STA. 27+90.81	TO STA. 39+90.78	CONTRACT NO. 76C54			
	PLOT DATE = 12/28/2010	CHECKED - JPC	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						
		DATE - JANUARY 4, 2011	REVISED -									



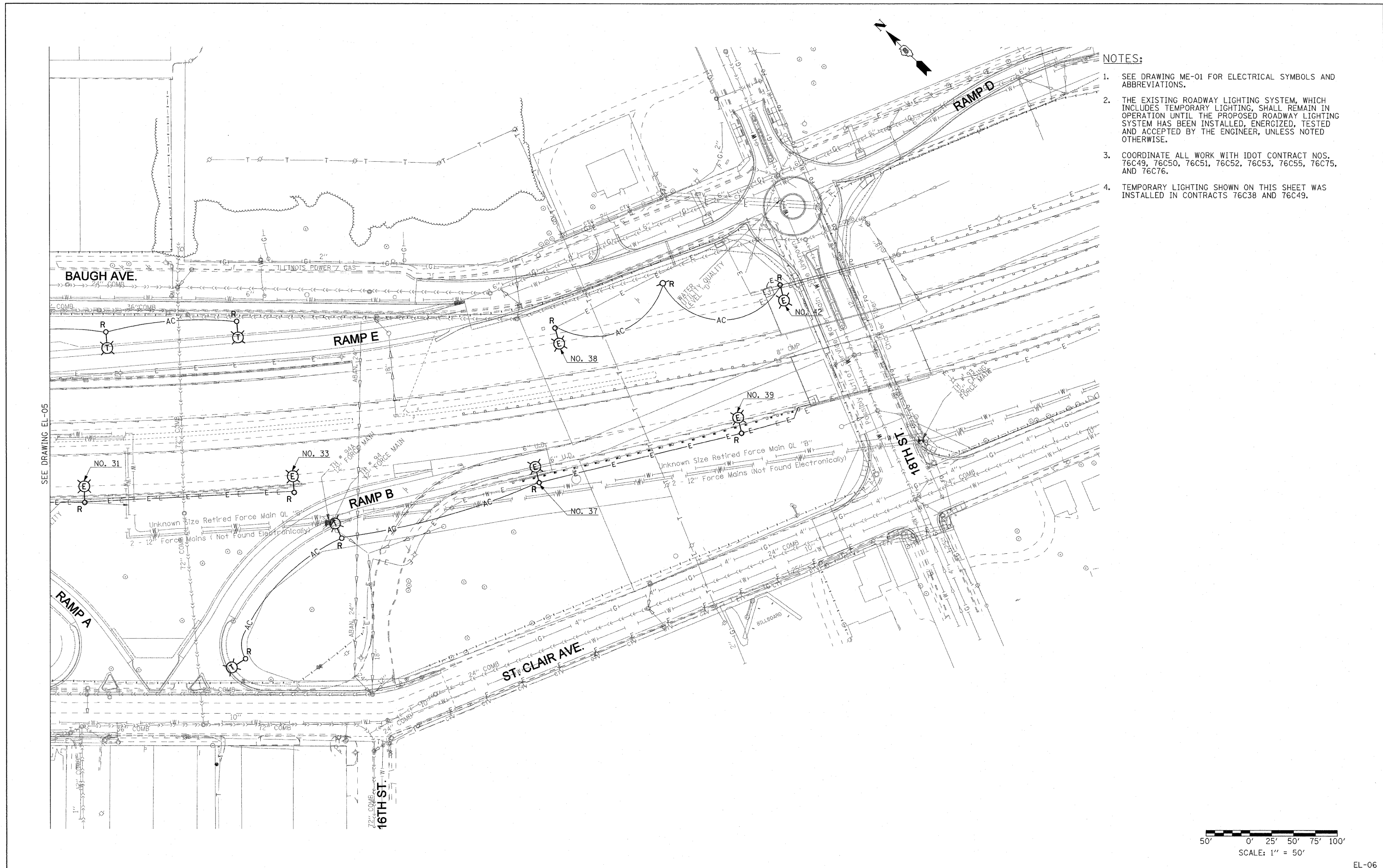
**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. THE EXISTING ROADWAY LIGHTING SYSTEM, WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. TEMPORARY LIGHTING SHOWN ON THIS SHEET WAS INSTALLED IN CONTRACT 76C49.



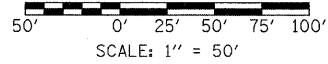
FILE NAME = #FILE#	USER NAME = lentsz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>	F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 41	
	PLOT SCALE = 50.0001' / IN.	CHECKED - JPC	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 8 SHEETS	STA. 39+90.78 TO STA. 52+90.02		CONTRACT NO. 76C54		
	PLOT DATE = 1/3/2011	DATE - JANUARY 4, 2011	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EL-05



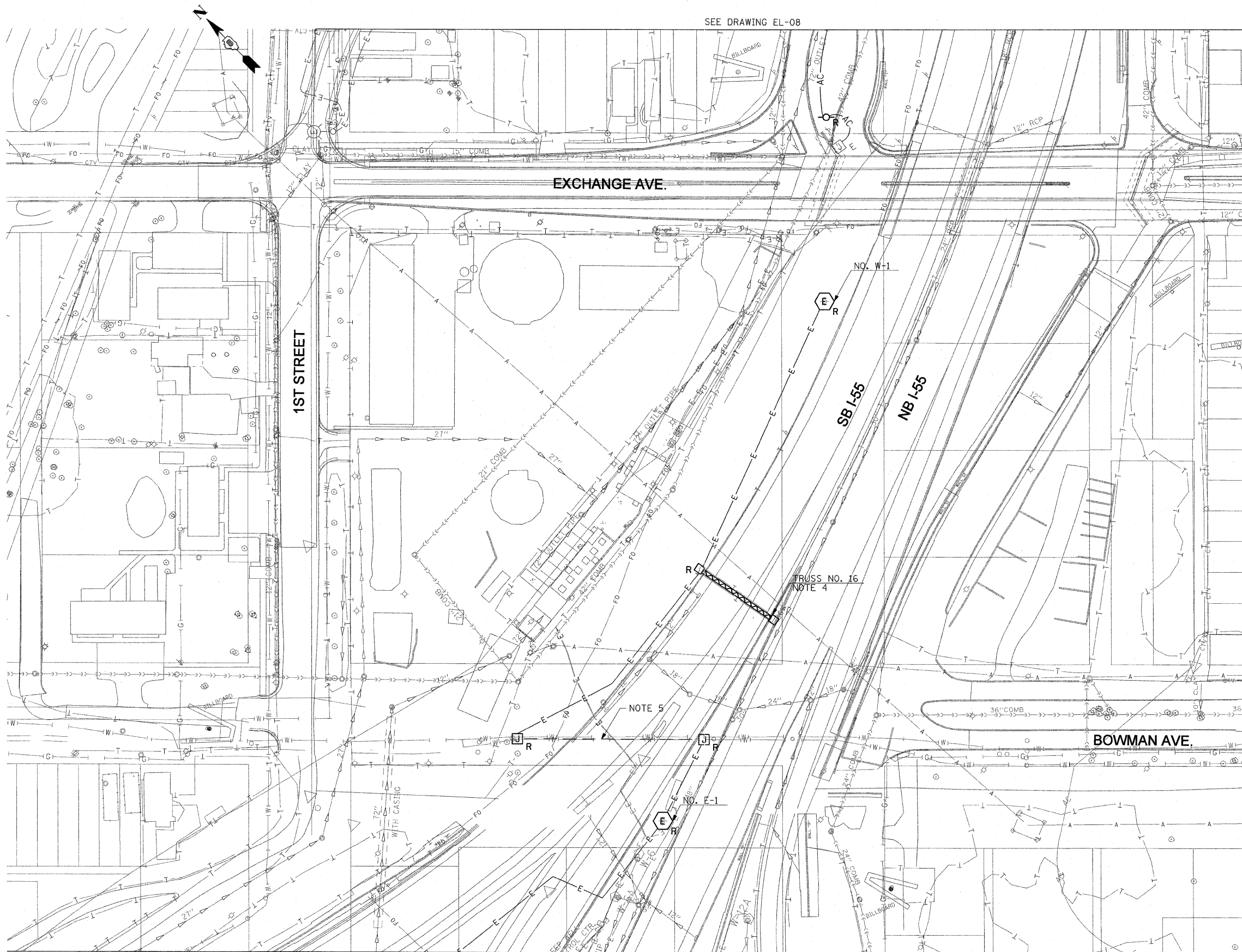
- NOTES:**
- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  - THE EXISTING ROADWAY LIGHTING SYSTEM, WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
  - COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  - TEMPORARY LIGHTING SHOWN ON THIS SHEET WAS INSTALLED IN CONTRACTS 76C38 AND 76C49.

SEE DRAWING EL-05



FILE NAME = \$FILE#	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>			F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 42
	PLOT SCALE = 50,0001' / IN.	CHECKED - JPC	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 8 SHEETS	STA. 52+90.02 TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54		
	PLOT DATE = 12/30/2010	DATE - JANUARY 4, 2011	REVISED -									

EL-06

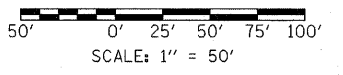


SEE DRAWING EL-08

SEE DRAWING EL-03

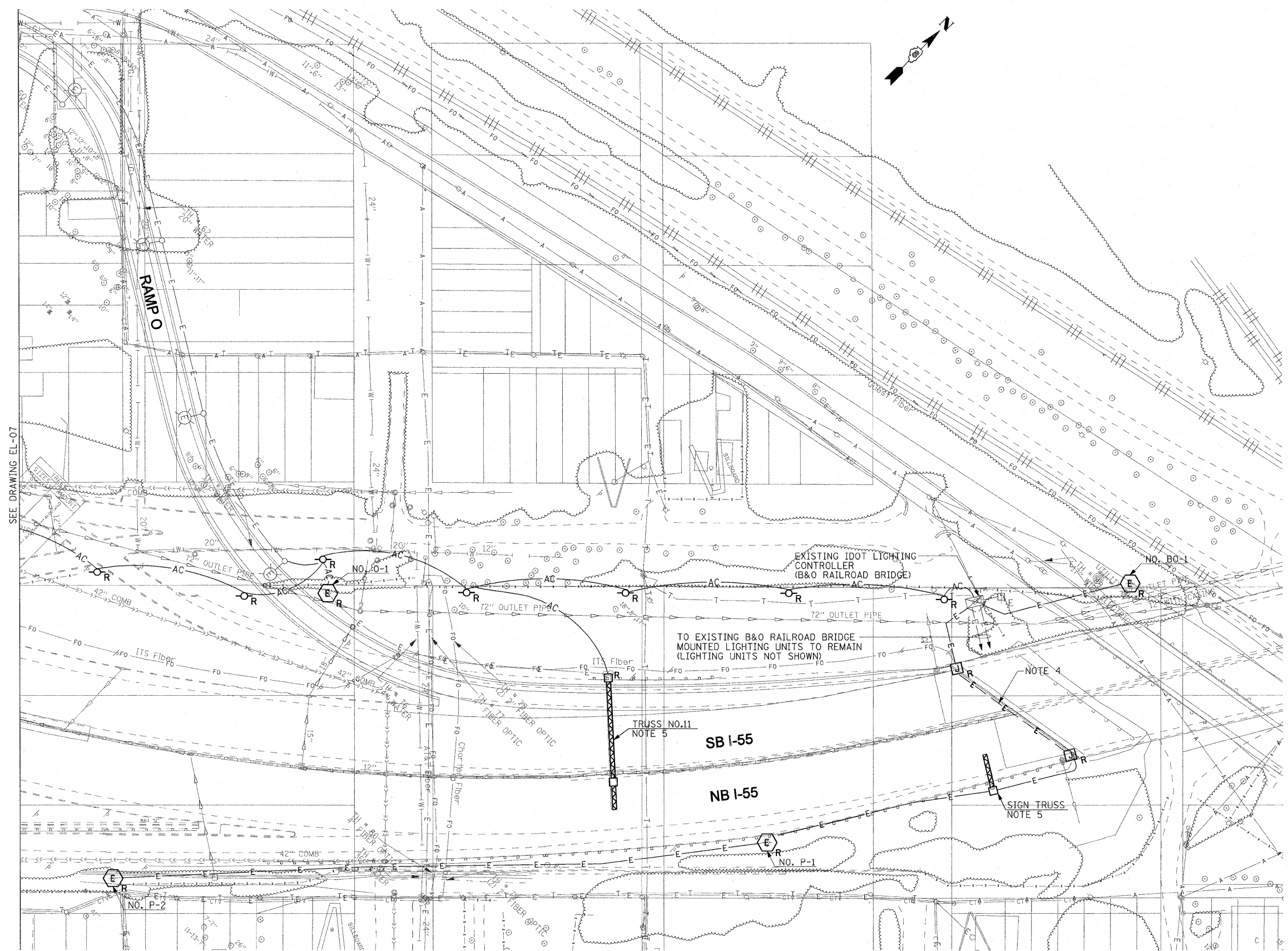
**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. THE EXISTING ROADWAY LIGHTING SYSTEM, WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE CABLES BACK TO NEAREST SPLICE POINT. SIGN LUMINAIRES AND ALL ELECTRICAL EQUIPMENT MOUNTED TO THE STRUCTURE WILL BE REMOVED BY OTHERS IN CONTRACT 76C75.
5. REMOVE THE EXISTING CONDUITS AND JUNCTION BOXES ATTACHED TO STRUCTURE MADE OBSOLETE BY THE REMOVAL OF THE HIGH MAST TOWERS AND SIGN. THE CONDUIT REMOVAL SHALL BE PAID FOR UNDER THE "REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE" PAY ITEM. THIS WORK SHALL BE COORDINATED WITH THE PIPE BRIDGE STRUCTURE REMOVAL IN A SEPARATE CONTRACT.



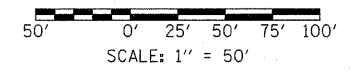
EL-07

FILE NAME = \$FILE#	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>		F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 43	
PLOT SCALE = 50.0001' / IN.		CHECKED - JPC	REVISED -		SCALE: 1"=50'	SHEET NO. 6 OF 8 SHEETS	STA. 74+99.52 TO STA. 84+27.62	CONTRACT NO. 76C54				
PLOT DATE = 1/3/2011		DATE - JANUARY 4, 2011	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



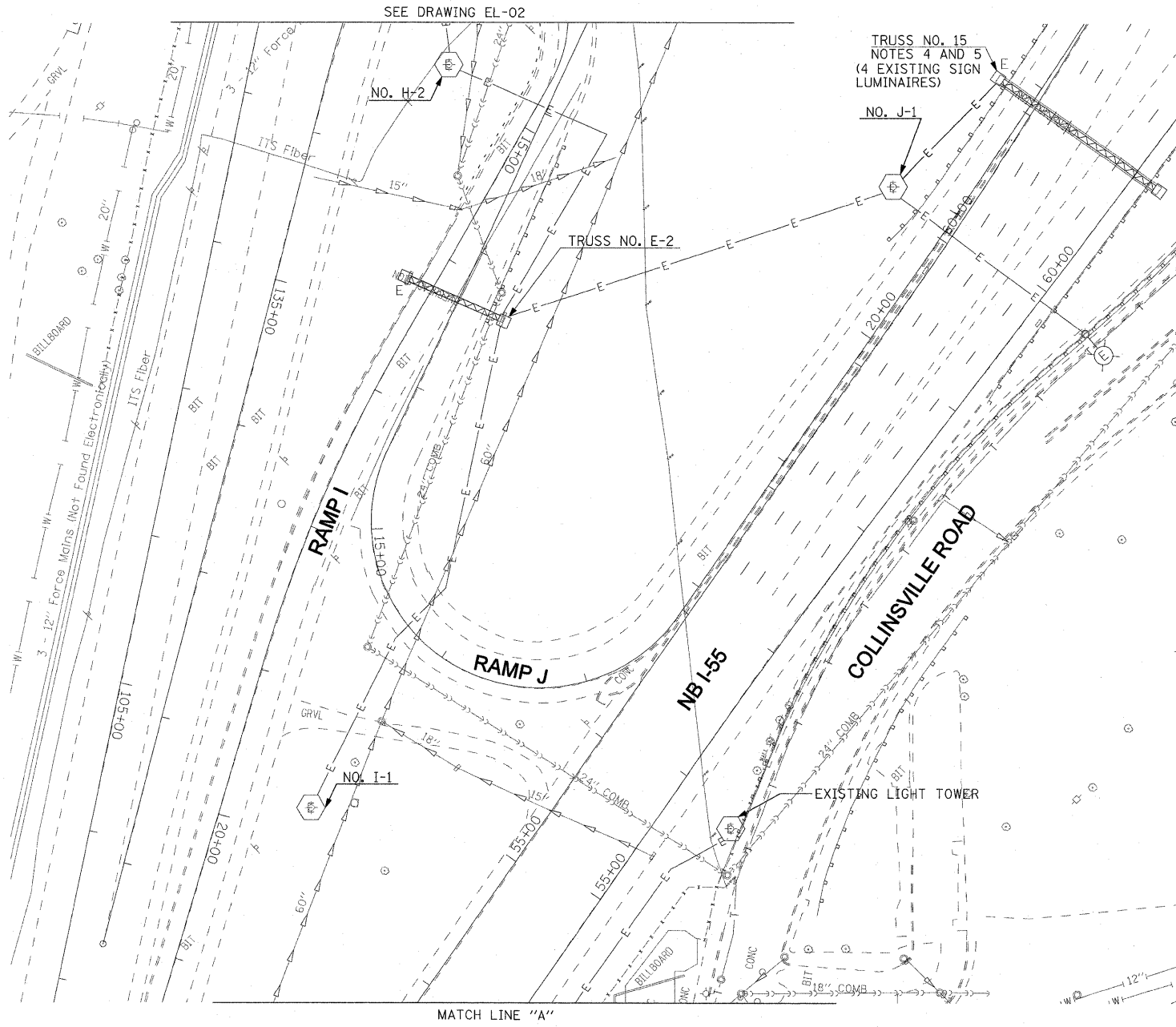
- NOTES:**
1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  2. THE EXISTING ROADWAY LIGHTING SYSTEM WHICH INCLUDES TEMPORARY LIGHTING, SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND ACCEPTED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
  3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  4. REMOVE THE EXISTING CONDUITS AND JUNCTION BOXES ATTACHED TO STRUCTURE MADE OBSOLETE BY THE REMOVAL OF THE HIGH MAST TOWERS. THE CONDUIT REMOVAL SHALL BE PAID FOR UNDER THE "REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE" PAY ITEM.
  5. DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE THE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND ALL ELECTRICAL EQUIPMENT MOUNTED TO SIGN STRUCTURE WILL BE REMOVED WITH THE STRUCTURE IN CONTRACT 76C53.
  6. TEMPORARY WIRING SHOWN ON THIS SHEET WAS INSTALLED IN CONTRACT 76C55.

SEE DRAWING EL-07

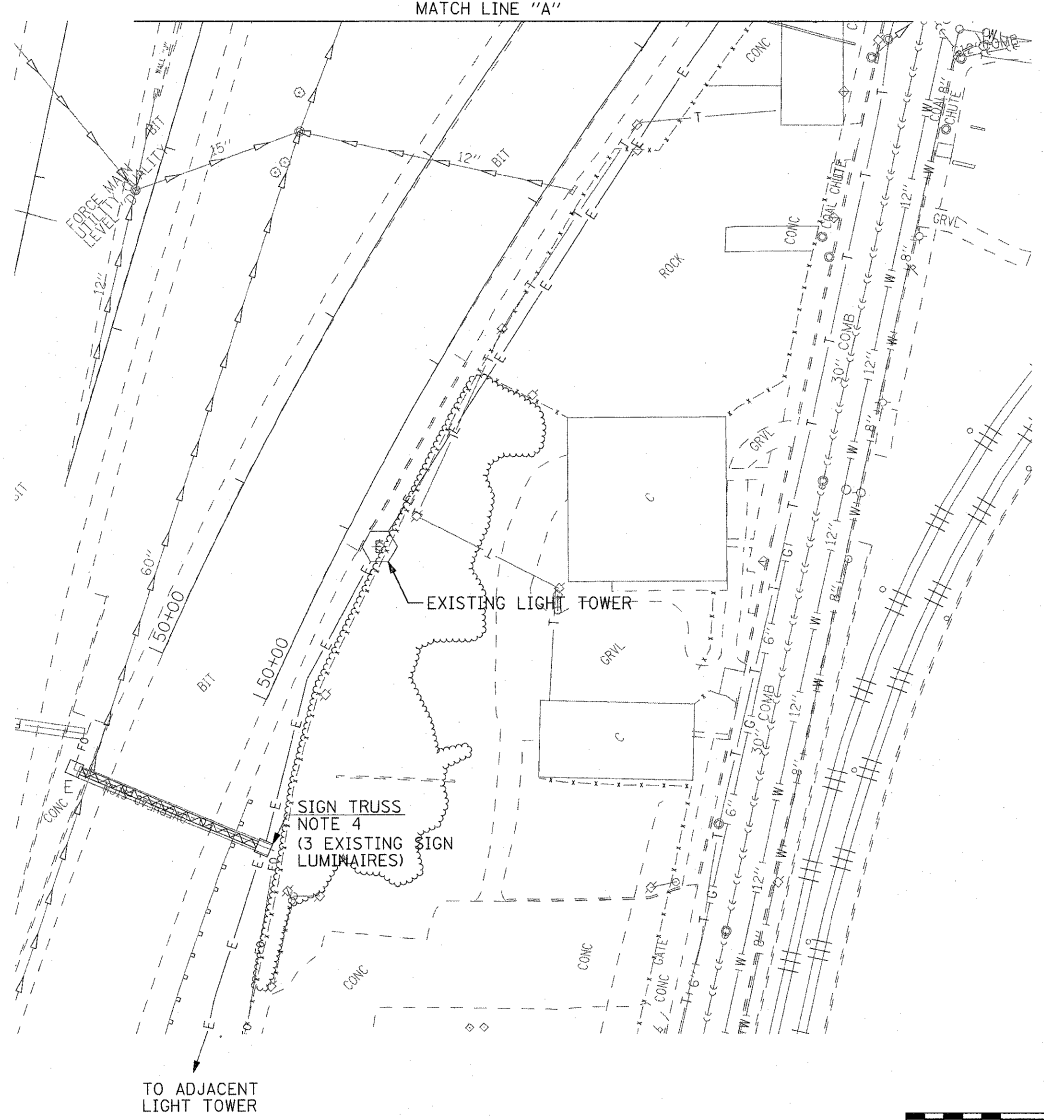


EL-08

FILE NAME = \$FILE#	USER NAME = ientzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION</b>			F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 44
	PLOT SCALE = 50.0000' / IN.	DRAWN - TL	REVISED -		SCALE: 1"=50'	SHEET NO. 7 OF 8 SHEETS	STA. 84+27.62 TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54		
	PLOT DATE = 12/28/2010	CHECKED - JPC	REVISED -									
		DATE - JANUARY 4, 2011	REVISED -									



- NOTES:**
- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  - THE EXISTING ROADWAY LIGHTING SYSTEM SHALL REMAIN IN NORMAL OPERATION FOR THE DURATION OF THE PROJECT.
  - COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  - REMOVE AND SALVAGE THE EXISTING SIGN LUMINAIRES AND ASSOCIATED ELECTRICAL EQUIPMENT PER THE SPECIAL PROVISIONS. COORDINATE THIS WORK WITH THE SIGN PANEL REMOVAL/REPLACEMENT WORK IN CONTRACT 76C53. THIS WORK SHALL BE PAID FOR UNDER THE "REMOVAL OF EXISTING SIGN LIGHTING UNIT AND SALVAGE" PAY ITEM.
  - DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE THE CABLES BACK TO THE NEAREST SPLICE POINT. SIGN LUMINAIRES AND ALL ELECTRICAL EQUIPMENT MOUNTED TO SIGN STRUCTURE WILL BE REMOVED WITH THE STRUCTURE IN CONTRACT 76C53.



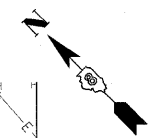
FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -
#FILE#		DRAWN - TL	REVISED -
	PLOT SCALE = 50.0001' / IN.	CHECKED - JPC	REVISED -
	PLOT DATE = 12/29/2010	DATE - JANUARY 4, 2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLANS  
EXISTING CONDITIONS AND DEMOLITION**

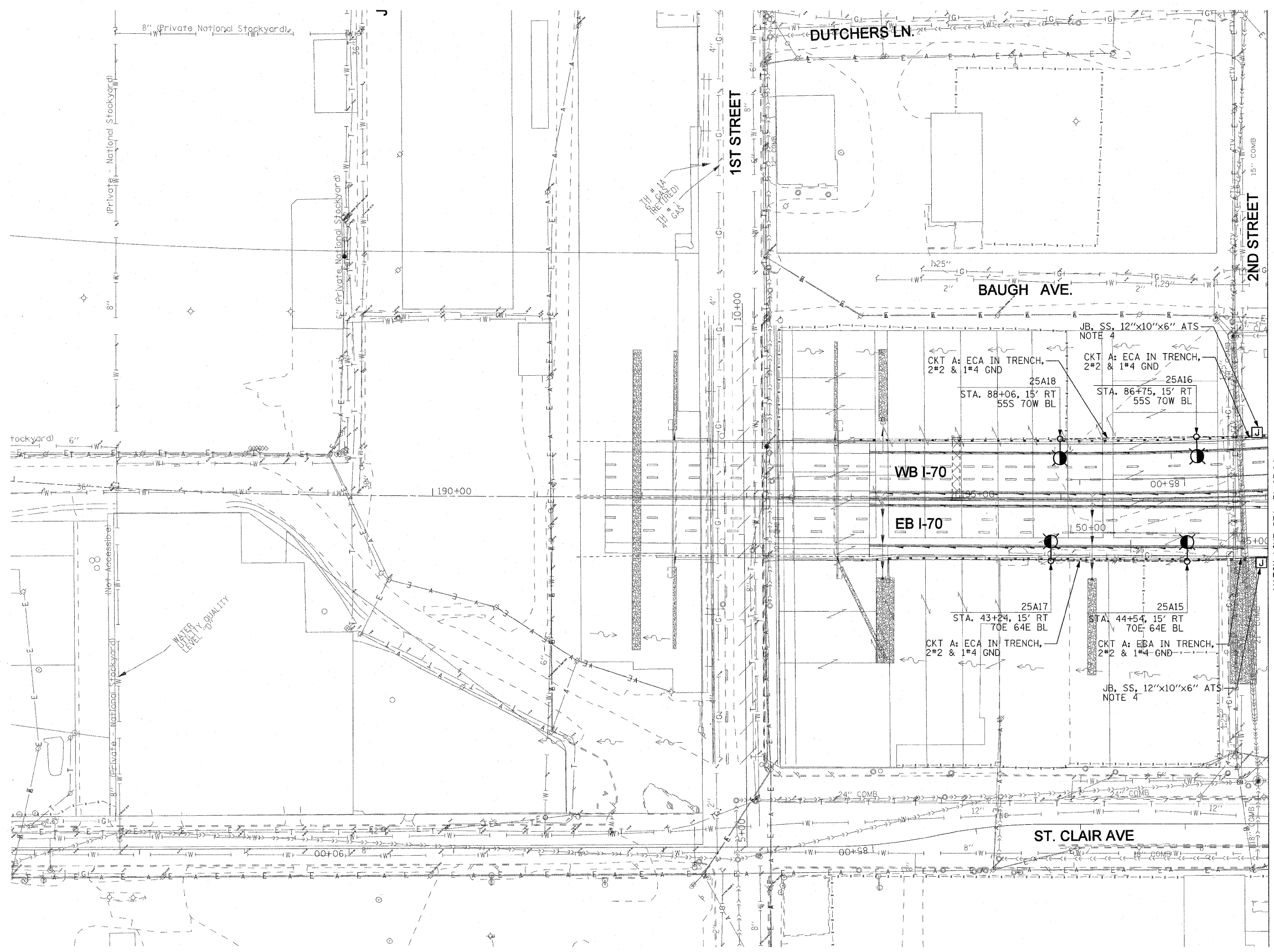
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/64	82-1L	ST. CLAIR	60	45
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C54		

SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. 61+72.84 TO STA.

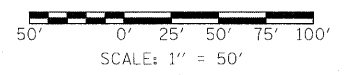


**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. THE TRANSITION FOR THE LIGHTING CIRCUIT FROM GRADE INTO THE PARAPET WALL SHALL BE DONE ACCORDING TO THE OPEN ABUTMENT CONDUIT DETAIL SHOWN ON DRAWING LGT002B.
5. THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOW ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.



MATCH LINE STA. 51+87.84  
RAMP TOE 55N BASELINE  
SEE DRAWING RL-02



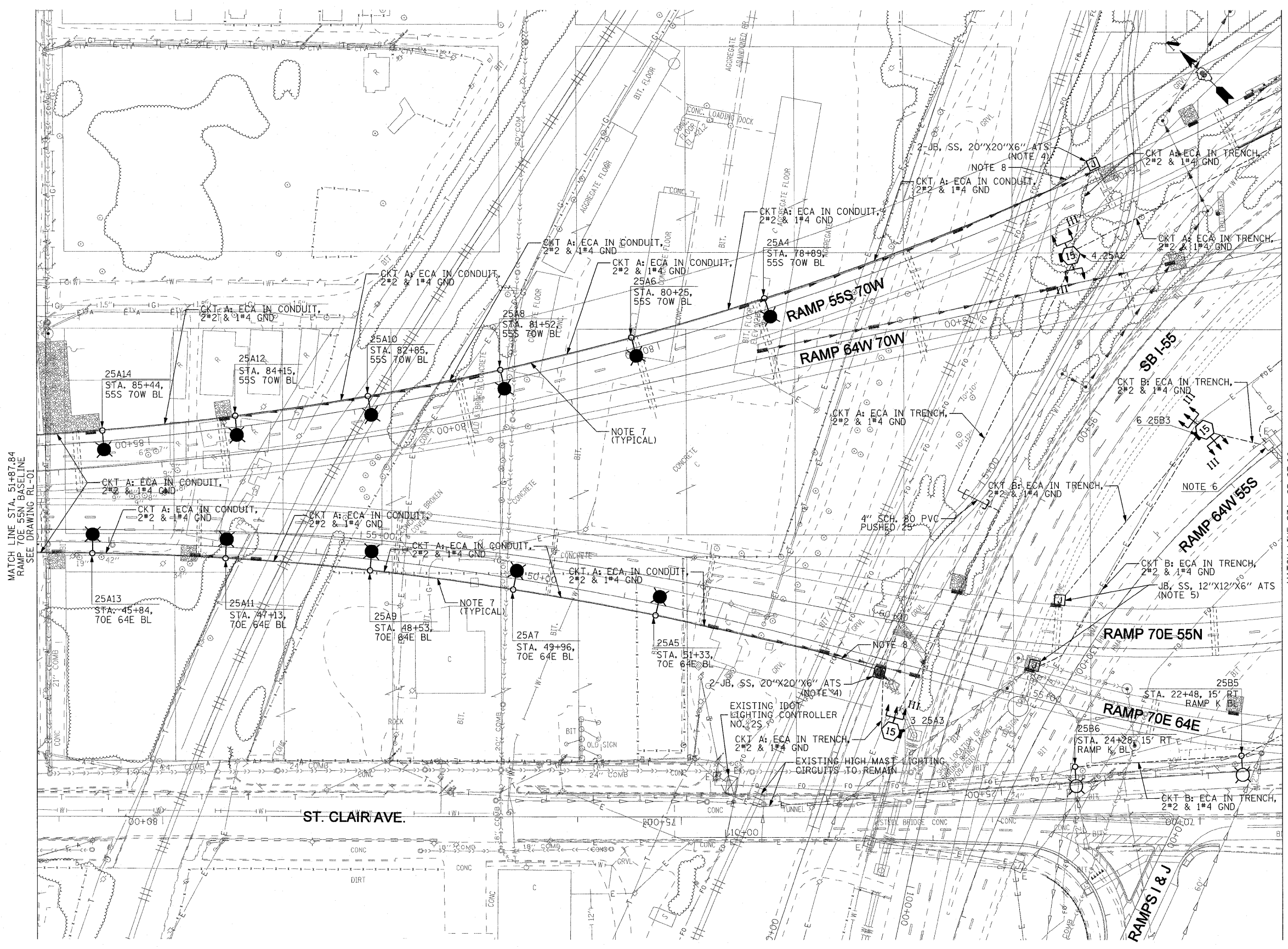
RL-01

FILE NAME =	USER NAME = lentsz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = 50.0001' / IN.	CHECKED - JPC	REVISED -			55/64	82-1L	ST. CLAIR	60	46	
	PLOT DATE = 1/3/2011	DATE - JANUARY 4, 2011	REVISED -			SCALE: 1"=50'		SHEET NO. 1 OF 8 SHEETS		STA. TO STA. 51+87.84	
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C54	

**NOTES:**

- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
- COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
- JUNCTION BOX AND CONDUIT MOUNTED ON BRIDGE STRUCTURE FOR THE POWER FEED TO THE PARAPET WALL MOUNTED CONVENTIONAL LIGHT POLES SHALL BE INSTALLED AS SHOWN ON DRAWING ME-04
- JUNCTION BOX MOUNTED TO BRIDGE STRUCTURE FOR UNDERPASS LIGHTING POWER FEED SHALL BE INSTALLED AS SHOWN ON IDOT STANDARD LGT019. SEE DRAWING UL-03 FOR THE UNDERPASS LIGHTING PLANS.
- PROVIDE NEW POWER FEED TO EXISTING SIGN LIGHTING.
- 2" PVC RACEWAY EMBEDDED IN PARAPET WALL BY OTHERS.
- INTERCEPT EXISTING CONDUIT STUB OUTS FROM PARAPET WALL AND PROVIDE CONDUIT AND JUNCTION BOX TO ROUTE THE LIGHTING CIRCUIT DOWN THE STRUCTURAL PIER INTO GRADE AS SHOWN.
- THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOW ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
- INSTALL PARALLEL CABLES IN A COMMON TRENCH.

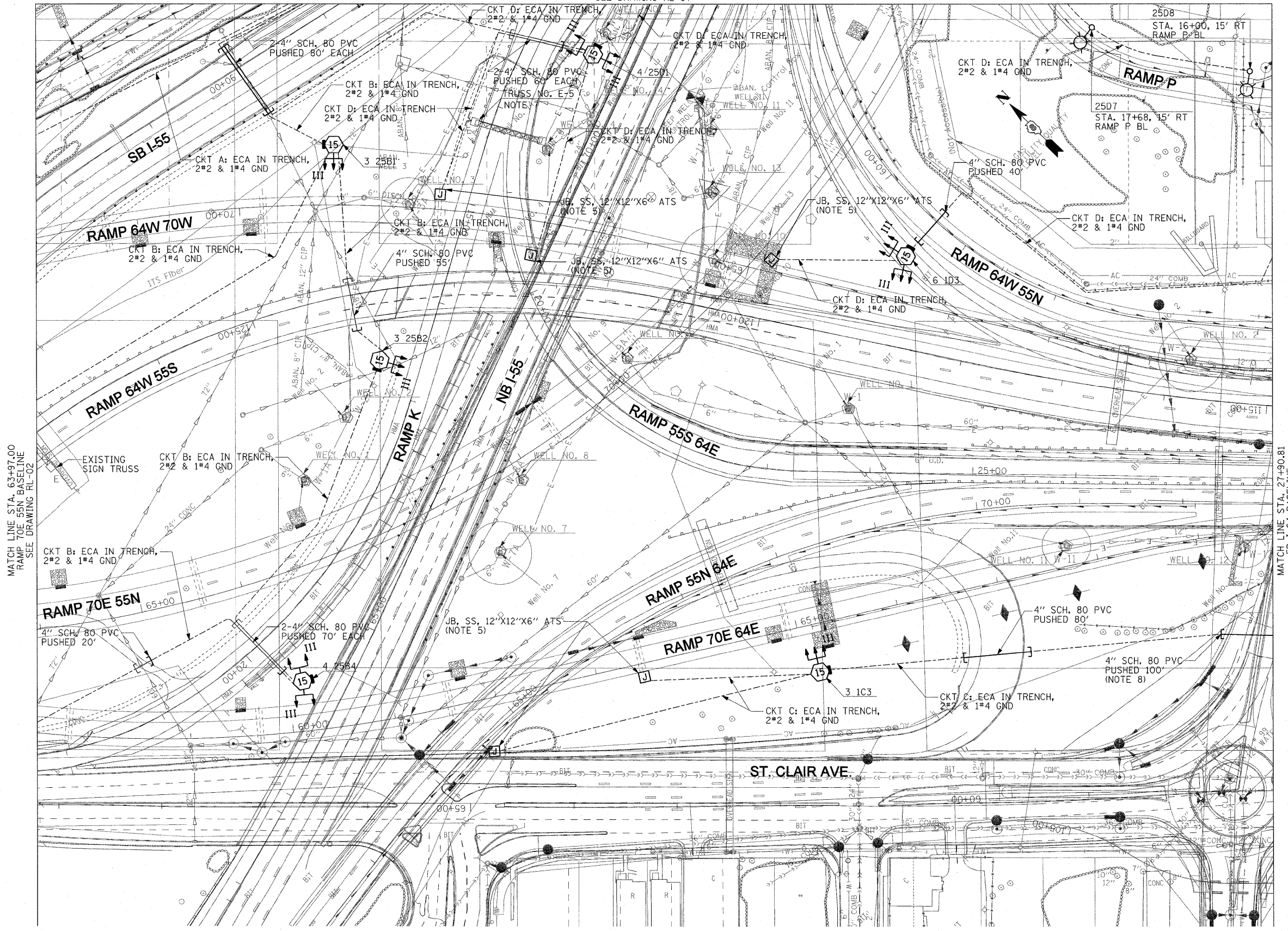
MATCH LINE STA. 63+97.00  
RAMP 70E 55N BASELINE  
SEE DRAWING RL-03



MATCH LINE STA. 51+87.84  
RAMP 70E 55N BASELINE  
SEE DRAWING RL-01

FILE NAME =	USER NAME = jantzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILE#	PLOT SCALE = 50.0001" / IN.	DRAWN - TL	REVISED -			55/64	82-1L	ST. CLAIR	60	47	
	PLOT DATE = 12/28/2010	CHECKED - JPC	REVISED -			CONTRACT NO. 76C54					
		DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'	SHEET NO. 2 OF 8 SHEETS	STA. 51+87.84 TO STA. 65+97.00				

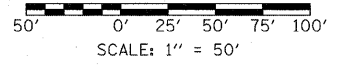
MATCH LINE STA. 74+99.52  
 EB I-70 BASELINE  
 SEE DRAWING RL-07



- NOTES:**
- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  - SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
  - COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C51, 76C50, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  - INSTALL PARALLEL CABELS IN A COMMON TRENCH.
  - JUNCTION BOX MOUNTED ON BRIDGE STRUCTURE FOR UNDERPASS LIGHTING POWER FEED SHALL BE INSTALLED AS SHOWN ON IDOT STANDARD LGTO19. SEE DRAWINGS UL-02, UL-04, AND UL-05, FOR UNDERPASS LIGHTING PLANS.
  - THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOW ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
  - PROVIDE NEW POWER FEED TO EXISTING SIGN LIGHTING.
  - PVC CONDUIT SLEEVES SHALL BE INSTALLED AT ELEVATION 412.00 TO AVOID DAMAGE FROM FUTURE ROADWAY WORK IN CONTRACT NO. 76C51. ALL EXCAVATING, SHEETING, SHORING, MATERIALS AND LABOR NECESSARY FOR A COMPLETE INSTALLATION OF THE PUSHED CONDUIT WILL NOT BE MEASURED FOR PAYMENT SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE "CONDUIT PUSHED, 4\"/>

MATCH LINE STA. 63+97.00  
 RAMP 70E 55N BASELINE  
 SEE DRAWING RL-02

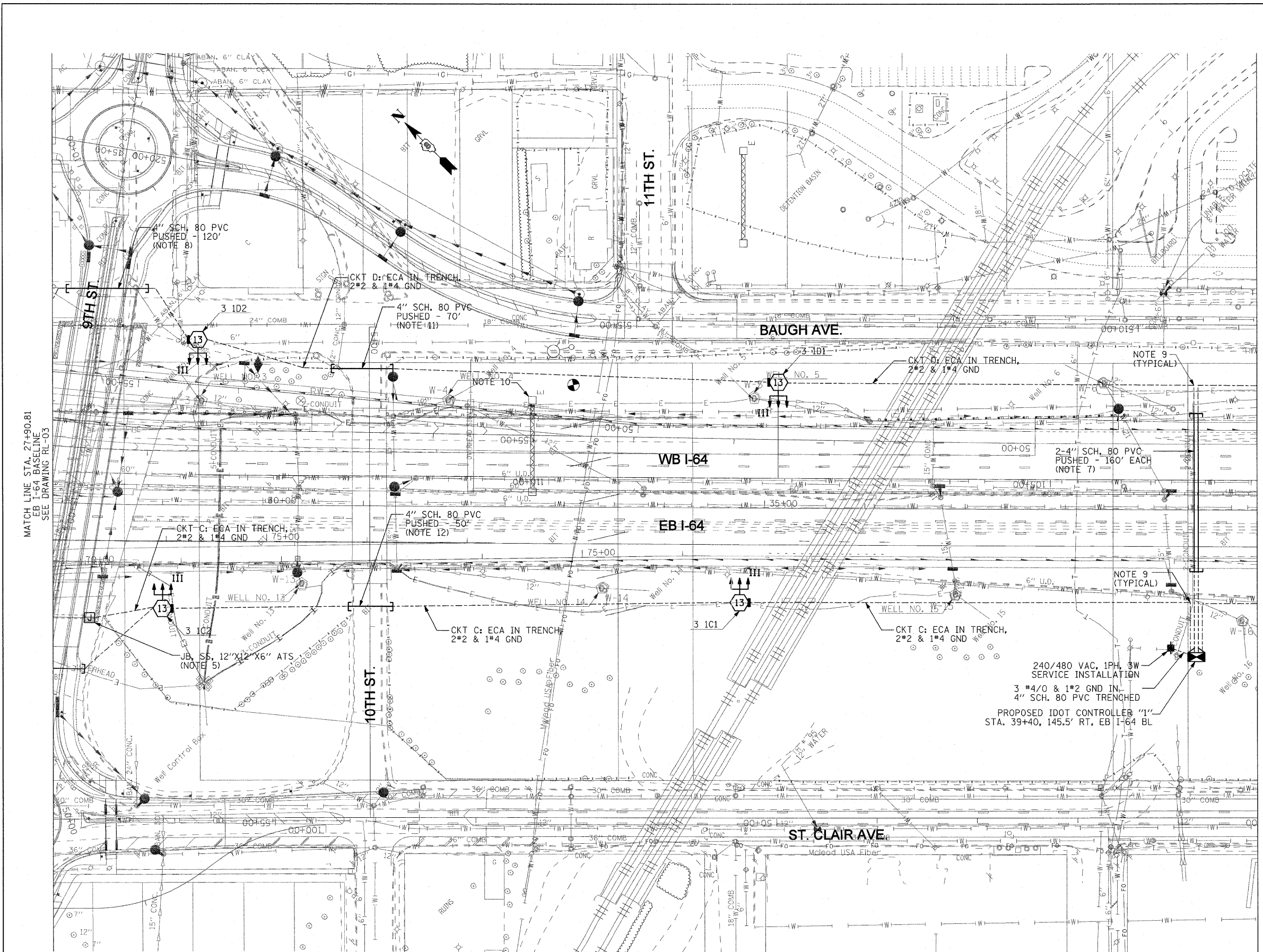
MATCH LINE STA. 27+90.81  
 EB I-64 BASELINE  
 SEE DRAWING RL-04



RL-03

FILE NAME = #FILE#	USER NAME = ientzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS</b> <b>PROPOSED WORK</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000:1 / IN.	CHECKED - JPC	REVISED -			55/64	82-1L	ST. CLAIR	60	48
	PLOT DATE = 12/28/2010	DATE - JANUARY 4, 2011	REVISED -	SCALE: 1"=50'	SHEET NO. 3 OF 8 SHEETS	STA. 65+97.00 TO STA. 27+90.81	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54	



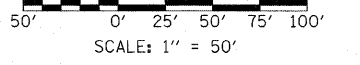


MATCH LINE STA. 27+90.81  
EB I-64 BASELINE  
SEE DRAWING RL-03

MATCH LINE STA. 39+90.78  
EB I-64 BASELINE  
SEE DRAWING RL-05

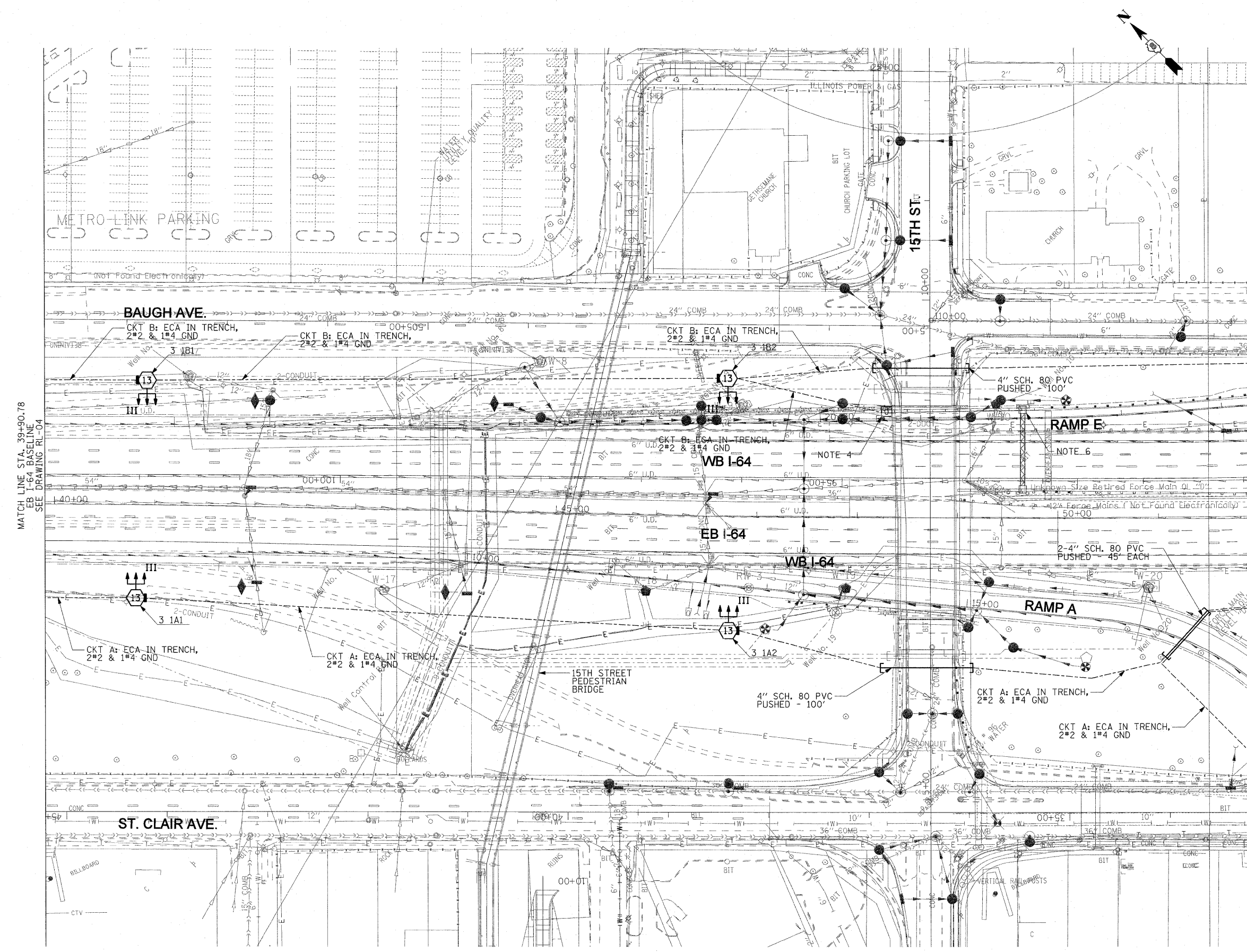
**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. INSTALL PARALLEL CABLES IN A COMMON TRENCH.
5. JUNCTION BOX MOUNTED ON BRIDGE STRUCTURE FOR UNDERPASS LIGHTING POWER FEED SHALL BE INSTALLED AS SHOWN ON IDOT STANDARD LGT019. SEE DRAWING UL-01 FOR THE 9TH STREET UNDERPASS LIGHTING PLANS.
6. THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOW ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
7. PVC CONDUIT SLEEVES SHALL BE INSTALLED AT ELEVATION 392.00 TO AVOID DAMAGE FROM FUTURE ROADWAY WORK IN CONTRACT NO. 76C52. ALL EXCAVATING, SHEETING, SHORING, MATERIALS AND LABOR NECESSARY FOR COMPLETE INSTALLATION OF THE PUSHED CONDUIT WILL NOT BE MEASURED FOR PAYMENT SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE "CONDUIT PUSHED, 4\" DIA., PVC" PAY ITEM.
8. PVC CONDUIT SLEEVES SHALL BE INSTALLED AT ELEVATION 412.00 TO AVOID DAMAGE FROM FUTURE ROADWAY WORK IN CONTRACT NO. 76C51. ALL EXCAVATING, SHEETING, SHORING, MATERIALS AND LABOR NECESSARY FOR COMPLETE INSTALLATION OF THE PUSHED CONDUIT WILL NOT BE MEASURED FOR PAYMENT SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE "CONDUIT PUSHED, 4\" DIA., PVC" PAY ITEM.
9. ROUTE THE PROPOSED LIGHTING CABLES IN TRENCH 50 FEET (MINIMUM) UP THE SLOPE AWAY FROM AND PERPENDICULAR TO THE I-64 ROADWAY AS SHOWN ON THE PLANS TO AVOID ANY CONFLICTS WITH THE FUTURE WORK IN CONTRACT NO. 76C52.
10. PROVIDE A SOLAR POWERED FLASHING BEACON ASSEMBLY FOR THE SIGN STRUCTURE AS SPECIFIED IN THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER. THE FLASHING BEACONS SHALL BE MOUNTED ON EACH SIDE OF THE SIGN PANEL AS SHOWN ON THE CONTRACT NO. 76C52 SIGNING PLANS. THE INSTALLATION OF THE FLASHING BEACON ASSEMBLY SHALL BE COORDINATED WITH THE NEW SIGN STRUCTURE AND PANEL WORK IN CONTRACT NO. 76C52.
11. PVC CONDUIT SLEEVE SHALL BE INSTALLED AT ELEVATION 397.00 TO AVOID DAMAGE FROM FUTURE ROADWAY WORK IN CONTRACT NO. 76C51. ALL EXCAVATING, SHEETING, SHORING, MATERIALS AND LABOR NECESSARY FOR COMPLETE INSTALLATION OF THE PUSHED CONDUIT WILL NOT BE MEASURED FOR PAYMENT SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE "CONDUIT PUSHED, 4\" DIA., PVC" PAY ITEM.
12. PVC CONDUIT SLEEVE SHALL BE INSTALLED AT ELEVATION 398.00 TO AVOID DAMAGE FROM FUTURE ROADWAY WORK IN CONTRACT NO. 76C51. ALL EXCAVATING, SHEETING, SHORING, MATERIALS AND LABOR NECESSARY FOR COMPLETE INSTALLATION OF THE PUSHED CONDUIT WILL NOT BE MEASURED FOR PAYMENT SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE "CONDUIT PUSHED, 4\" DIA., PVC" PAY ITEM.



FILE NAME = #FILE#	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>	F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 49		
PLOT SCALE = 50.0001' / IN.		CHECKED - JPC	REVISED -			SCALE: 1"=50'	SHEET NO. 4 OF 8 SHEETS	STA. 27+90.81	TO STA. 39+90.78	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54
PLOT DATE = 12/29/2010		DATE - JANUARY 4, 2011	REVISED -									

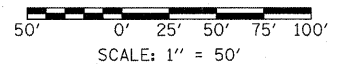
RL-04



- NOTES:**
- SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
  - SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
  - COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
  - PROVIDE A NEW POWER FEED FOR THE EXISTING 15TH STREET UNDERPASS LIGHTING SYSTEM. ROUTE THE NEW LIGHTING CIRCUIT THROUGH THE EXISTING CONDUIT ATTACHED TO STRUCTURE UP TO THE EXISTING WALL MOUNTED JUNCTION BOX AND SPLICE THE NEW LIGHTING CIRCUIT TO THE EXISTING UNDERPASS LIGHTING CIRCUIT IN THE JUNCTION BOX. SEE IDOT STANDARD DETAIL LGTO19. FOR DETAILS.
  - THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOW ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
  - PROVIDE A SOLAR POWERED FLASHING BEACON ASSEMBLY FOR THE SIGN STRUCTURE AS SPECIFIED IN THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER. THE FLASHING BEACONS SHALL BE MOUNTED ON EACH SIDE OF THE SIGN PANEL AS SHOWN ON THE SIGNING PLANS FOR CONTRACT NO. 76C52. THE INSTALLATION OF THE FLASHING BEACON ASSEMBLY SHALL BE COORDINATED WITH THE NEW SIGN STRUCTURE AND PANEL WORK IN CONTRACT NO. 76C52.

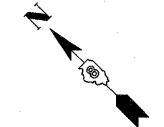
MATCH LINE STA. 39+90.78  
EB I-64 BASELINE  
SEE DRAWING RL-04

MATCH LINE STA. 51+90.02  
EB I-64 BASELINE  
SEE DRAWING RL-06



FILE NAME =	USER NAME = ientzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>		F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 50
\$FILES#	PLOT SCALE = 50,000' / IN.	DRAWN - TL	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 8 SHEETS	STA. 39+90.78 TO STA. 52+90.02	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54	
	PLOT DATE = 1/31/2011	CHECKED - JPC	REVISED -								
		DATE - JANUARY 4, 2011	REVISED -								

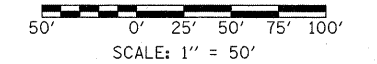
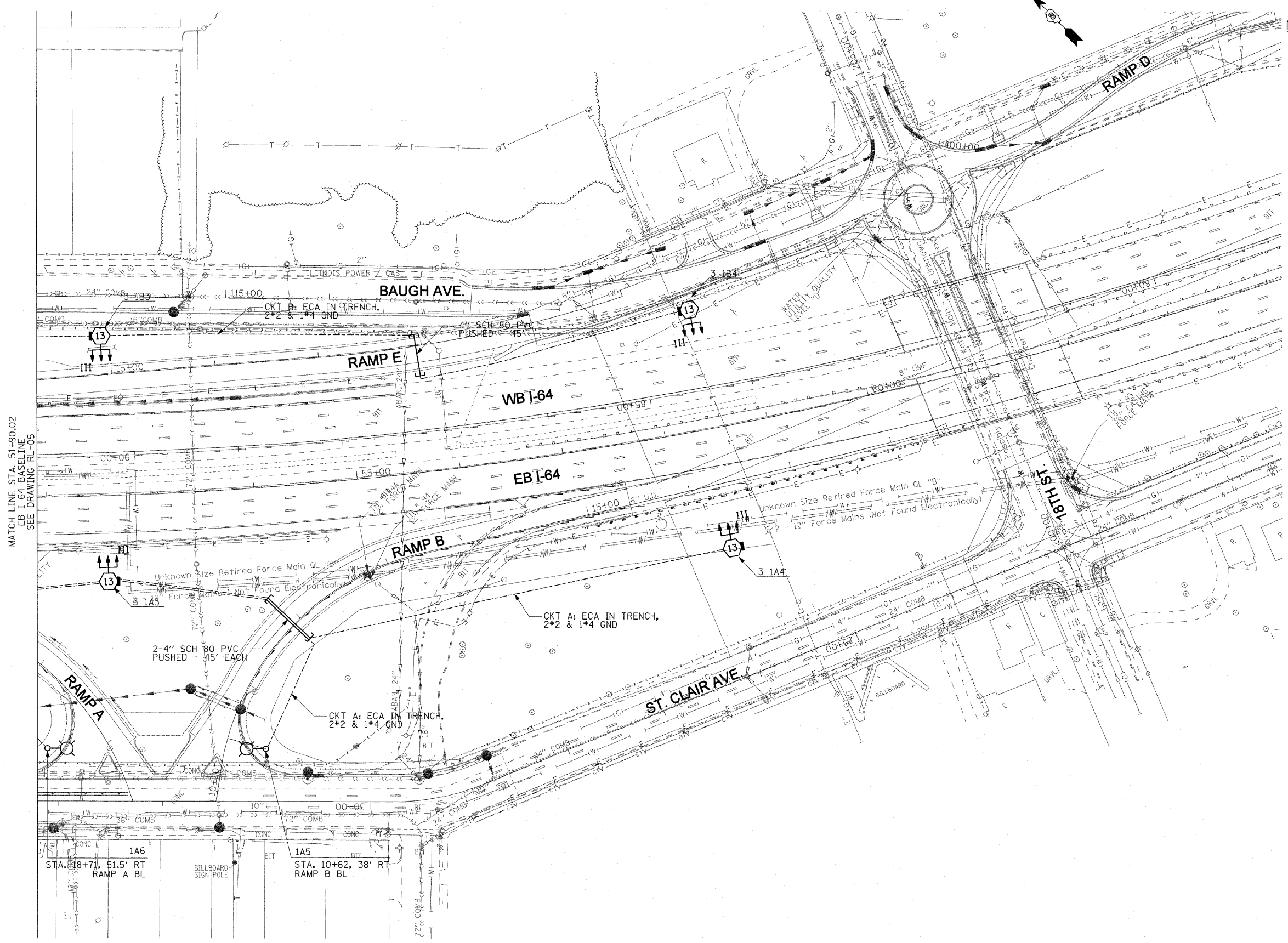
RL-05



**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
5. INSTALL PARALLEL CABLES IN A COMMON TRENCH.

MATCH LINE STA. 51+90.02  
EB I-64 BASELINE  
SEE DRAWING RL-05



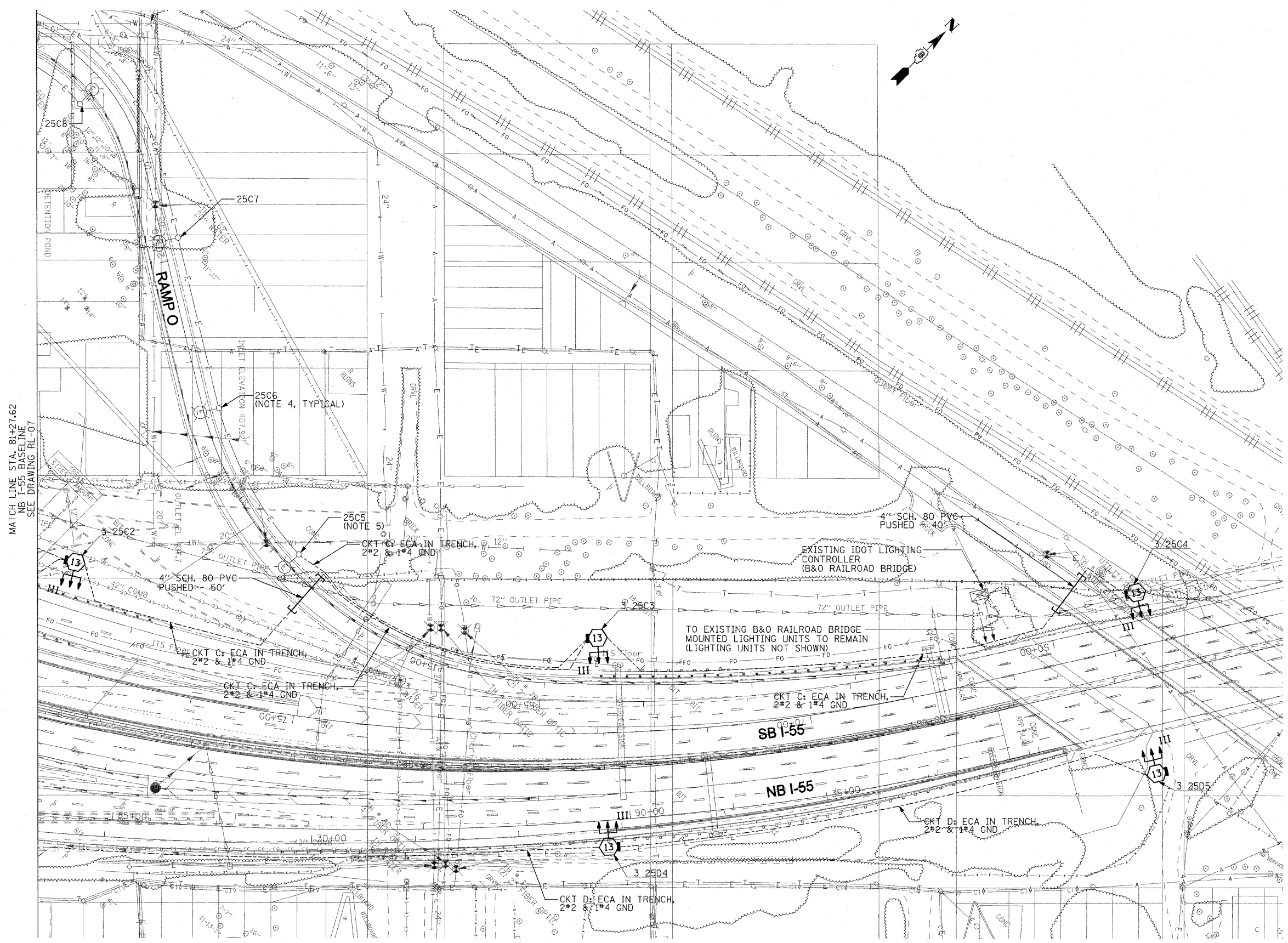
RL-06

FILE NAME = #FILE#	USER NAME = Jentzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>	F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 51		
	PLOT SCALE = 50.0001' / IN.	DRAWN - TL	REVISED -			SCALE: 1"=50'	SHEET NO. 6 OF 8 SHEETS	CONTRACT NO. 76C54				
	PLOT DATE = 12/28/2010	CHECKED - JPC	REVISED -			STA. 52+90.02 TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
		DATE - JANUARY 4, 2011	REVISED -									

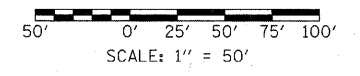


**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DRAWING ES-01 FOR HIGH MAST TOWER FOUNDATION SCHEDULE.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. PROVIDE IDENTIFICATION DECALS FOR EXISTING LIGHTING UNITS ON RAMP O. DECAL INSTALLATION WILL BE PAID FOR UNDER THE "LIGHTING UNIT IDENTIFICATION DECAL" PAY ITEM.
5. PROVIDE NEW POWER FEED TO THE EXISTING RAMP O LIGHTING UNITS
6. THE LOCATIONS OF THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE DIAGRAMMATIC ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH OTHER CONCURRENT IDOT CONTRACTS SO THAT THE PROPOSED CABLES, CONDUITS AND SLEEVES SHOWN ON THIS DRAWING ARE INSTALLED IN A LOCATION THAT DOES NOT INTERFERE OR CONFLICT WITH EXISTING UTILITIES AND WORK DONE IN OTHER CONCURRENT IDOT CONTRACTS.
7. INSTALL PARALLEL CABLES IN A COMMON TRENCH

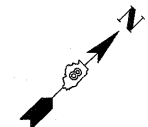


MATCH LINE STA. 81+27.62 NB I-55 BASELINE SEE DRAWING RL-07



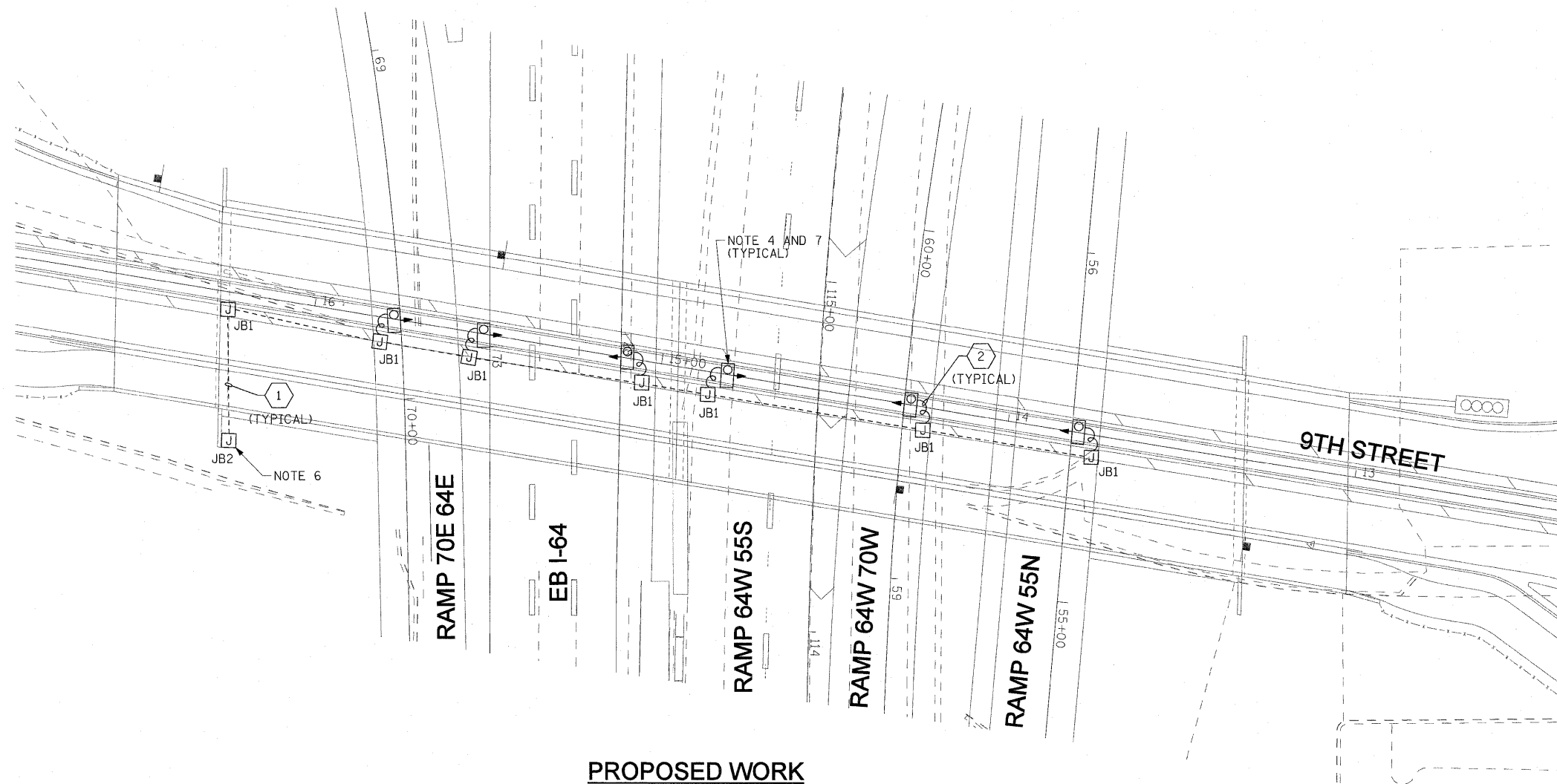
RL-08

FILE NAME = #FILE#	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING PLANS PROPOSED WORK</b>	F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 53	
	PLOT SCALE = 50.0000' / IN.	CHECKED - JPC	REVISED -			SCALE: 1"=50'	SHEET NO. 8 OF 8 SHEETS	STA. 84+27.62 TO STA.	CONTRACT NO. 76C54		
	PLOT DATE = 12/28/2010	DATE - JANUARY 4, 2011	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
RL-08											



**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DETAIL LGT019 FOR UNDERPASS LIGHTING DETAILS.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE POWERED FROM IDOT CONTROLLER "1". SEE DRAWING SL-01 FOR SINGLE LINE DIAGRAM OF IDOT CONTROLLER "1".
5. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE PENDANT MOUNTED OFFSET TWO (2) FEET FROM THE PROPOSED EDGE OF ROADWAY (EOR) UNLESS NOTED OTHERWISE.
6. SPLICE THE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE ROADWAY LIGHTING CIRCUIT CABLES IN THE JUNCTION BOX. SEE DRAWING RL-04 FOR CONTINUATION OF ROADWAY LIGHTING CIRCUIT.
7. CENTER THE UNDERPASS LIGHTS BETWEEN BRIDGE GIRDERS NOS. 3 AND 4.
8. THE UNDERPASS LIGHTING SYSTEM FOR 9TH STREET SHALL BE INSTALLED DURING CONTRACT NO. 76C51, STAGES 1 THROUGH 3. UTILIZE CONTRACT NO. 76C51 LANE CLOSURES AND TRAFFIC CONTROL WHENEVER POSSIBLE.

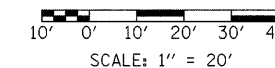


**PROPOSED WORK**

NOTE 8

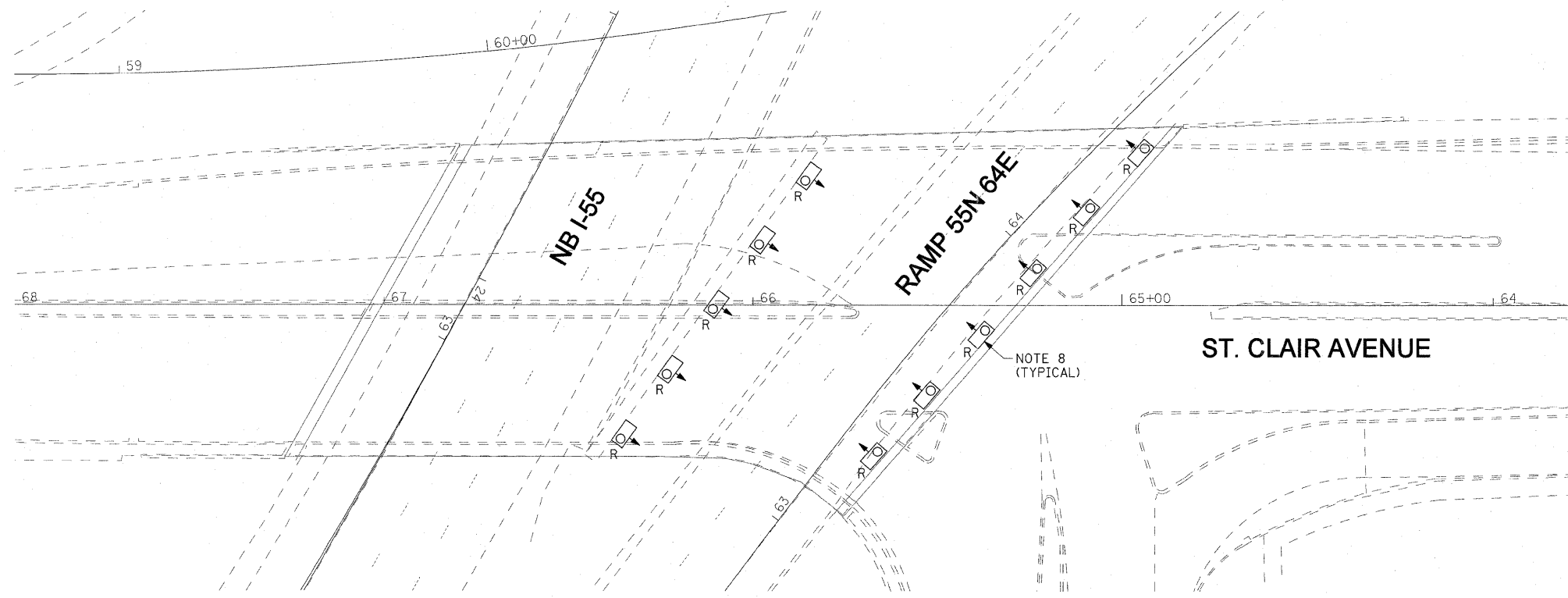
JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"X6"X4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.
JB2	10"X8"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.

CABLE /CONDUIT SCHEDULE	
1	CKT. C: 2*10, 1*10 GND, IN 3/4" DIA. RGC ATTACHED TO STRUCTURE.
2	CKT. C: 2*10, 1*10 GND, IN 3/4" DIA. LIQUID TIGHT, NON METALLIC, FLEXIBLE CONDUIT.

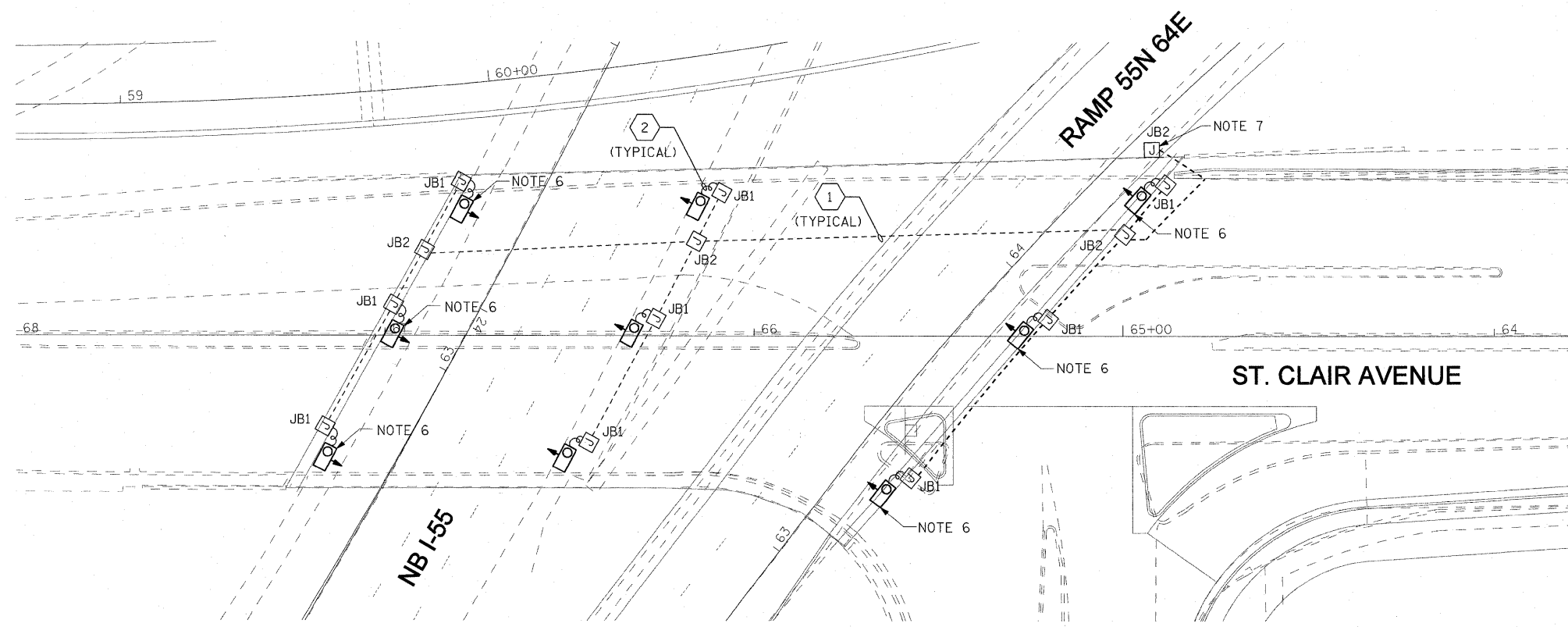


UL-01

FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNDERPASS LIGHTING PLANS 9TH STREET</b>		F.A.I. RTE. 55/64	SECTION 82-1L	COUNTY ST. CLAIR	TOTAL SHEETS 60	SHEET NO. 54	
\$FILE#	PLOT SCALE = 20.0000' / IN.	DRAWN - TL	REVISED -		SCALE: NONE	SHEET NO. 1 OF 5 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 76C54			
	PLOT DATE = 12/28/2010	CHECKED - JPC	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - JANUARY 4, 2011	REVISED -									



**EXISTING PLANS AND DEMOLITION**  
NOTE 8



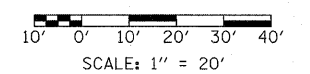
**PROPOSED WORK**  
NOTE 9

**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DETAIL LGT019 FOR UNDERPASS LIGHTING DETAILS.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE POWERED FROM IDOT CONTROLLER "1". SEE DRAWING SL-01 FOR SINGLE LINE DIAGRAM OF IDOT CONTROLLER "1".
5. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE PENDANT MOUNTED OFFSET TWO (2) FEET FROM THE PROPOSED EDGE OF ROADWAY (EOR) UNLESS NOTED OTHERWISE.
6. PROPOSED UNDERPASS LIGHTING UNIT SHALL BE MOUNTED TO BRIDGE PIER.
7. SPLICE THE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE ROADWAY LIGHTING CIRCUIT CABLES IN THE JUNCTION BOX. SEE DRAWING RL-03 FOR CONTINUATION OF THE ROADWAY LIGHTING CIRCUIT.
8. THE WORK TO REMOVE THE EXISTING CONDUIT, WIRE, JUNCTION BOXES, AND MOUNTING HARDWARE ASSOCIATED WITH THE REMOVAL OF THE EXISTING UNDERPASS LUMINAIRES SHALL BE INCLUDED IN THE "REMOVAL OF LUMINAIRE" PAY ITEM AND SHALL NOT BE PAID FOR SEPARATELY.
9. THE EXISTING AND PROPOSED UNDERPASS LIGHTING FOR ST. CLAIR AVE. SHALL BE REMOVED AND INSTALLED DURING CONTRACT NO. 76C51 STAGES 1 AND 2. UTILIZE CONTRACT NO. 76C51 LANE CLOSURES AND TRAFFIC CONTROL WHENEVER POSSIBLE.

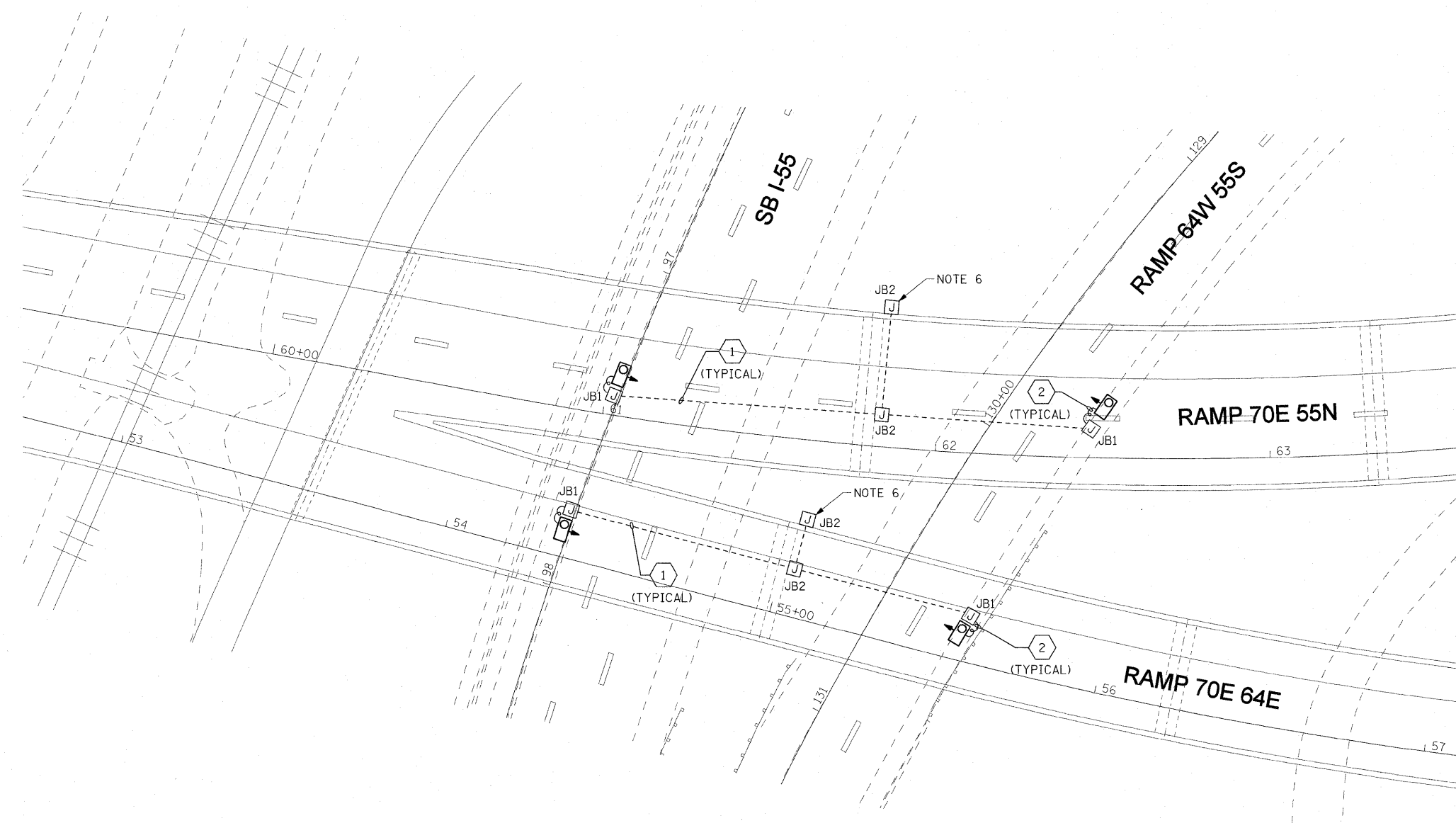
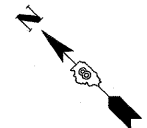
JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"x6"x4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.
JB2	10"x8"x6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.

CABLE /CONDUIT SCHEDULE	
NO.	DESCRIPTION
1	CKT. C: 2*10, 1*10 GND, IN 3/4" DIA. RGC ATTACHED TO STRUCTURE.
2	CKT. C: 2*10, 1*10 GND, IN 3/4" DIA. LIQUID TIGHT, NON METALLIC, FLEXIBLE CONDUIT.



**NOTES:**

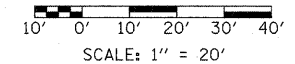
1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DETAIL LGT019 FOR UNDERPASS LIGHTING DETAILS.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE POWERED FROM IDOT CONTROLLER "25". SEE DRAWING SL-02 FOR SINGLE LINE DIAGRAM OF IDOT CONTROLLER "25".
5. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE PENDANT MOUNTED OFFSET TWO (2) FEET FROM THE PROPOSED EDGE OF ROADWAY (EOR) UNLESS NOTED OTHERWISE.
6. SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE ROADWAY LIGHTING CIRCUIT CABLES IN THE JUNCTION BOX. SEE DRAWING RL-02 FOR CONTINUATION OF THE ROADWAY LIGHTING CIRCUIT.
7. THE UNDERPASS LIGHTING UNITS SHOWN ON THIS SHEET SHALL BE INSTALLED DURING CONTRACT NO. 76C76, STAGE 2. UTILIZE CONTRACT NO. 76C76 LANE CLOSURES AND TRAFFIC CONTROL WHENEVER POSSIBLE.



**PROPOSED WORK**  
NOTE 7

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"x6"x4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.
JB2	10"x8"x6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.

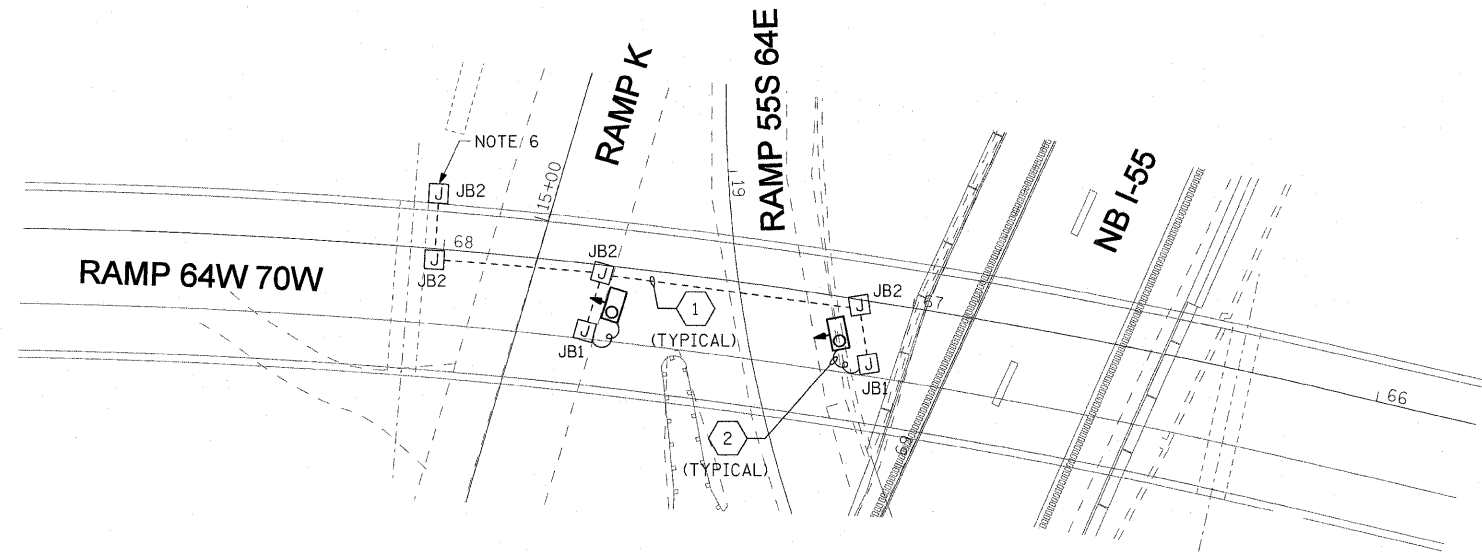
CABLE /CONDUIT SCHEDULE	
NO.	DESCRIPTION
1	CKT. B: 2*10, 1*10 GND, IN 3/4" DIA. RGC ATTACHED TO STRUCTURE.
2	CKT. B: 2*10, 1*10 GND, IN 3/4" DIA. LIQUID TIGHT, NON METALLIC, FLEXIBLE CONDUIT.



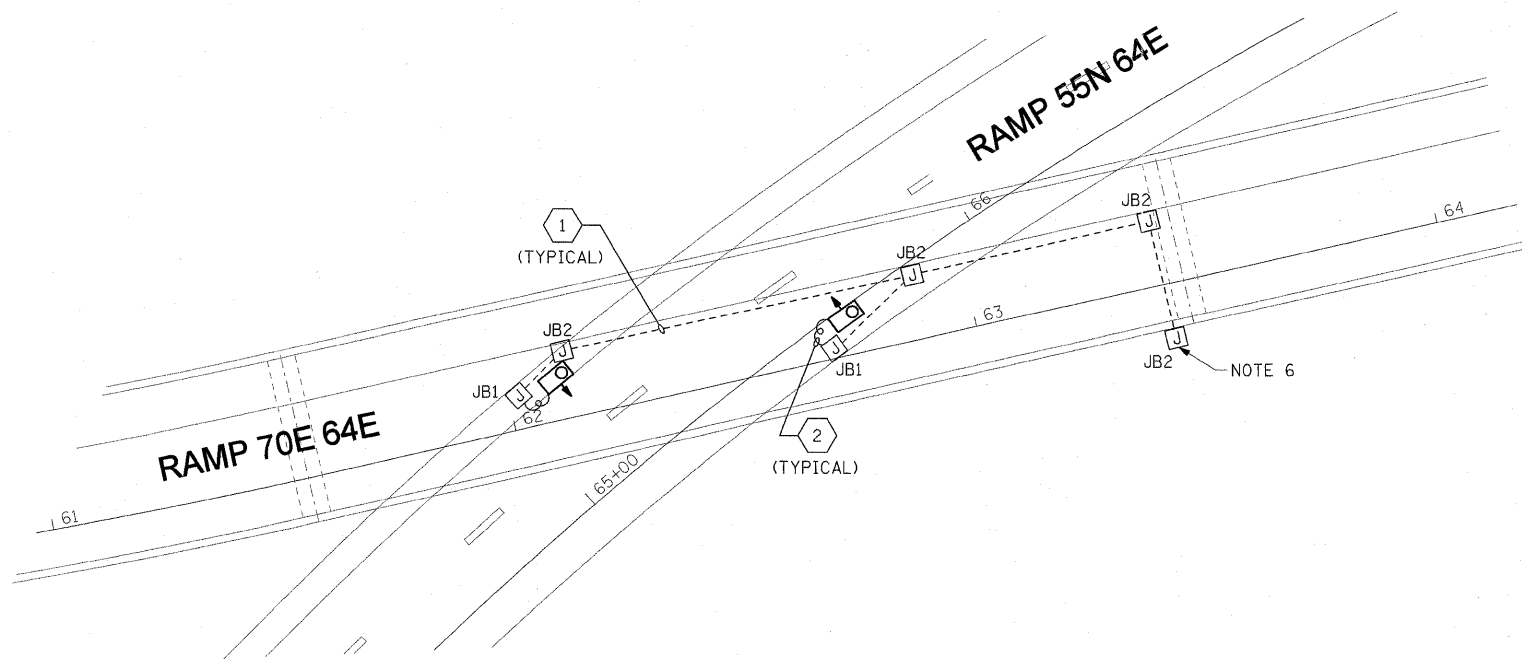
UL-03

FILE NAME =	USER NAME = lantz	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNDERPASS LIGHTING PLANS RAMP 70E 55N AND RAMP 70E 64E OVER SB I-55 AND RAMP 64W 55S</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILE#		DRAWN - TL	REVISED -			55/64	82-1L	ST. CLAIR	60	56	
	PLOT SCALE = 20.0000' / IN.	CHECKED - JPC	REVISED -			CONTRACT NO. 76C54					
	PLOT DATE = 12/28/2010	DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: NONE	SHEET NO. 3 OF 5 SHEETS		STA. N/A	TO STA. N/A		





**PROPOSED WORK**  
NOTE 7



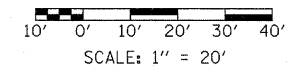
**PROPOSED WORK**  
NOTE 8

**NOTES:**

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DETAIL LGTO19 FOR UNDERPASS LIGHTING DETAILS.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE POWERED FROM IDOT CONTROLLER "1" AND "25". SEE DRAWINGS SL-01 AND SL-02 FOR SINGLE LINE DIAGRAMS OF IDOT CONTROLLER "1" AND "25".
5. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE PENDANT MOUNTED OFFSET TWO (2) FEET FROM THE PROPOSED EDGE OF ROADWAY (EOR) UNLESS NOTED OTHERWISE.
6. SPLICE THE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE ROADWAY LIGHTING CIRCUIT CABLES IN THE JUNCTION BOX. SEE DRAWING RL-03 FOR CONTINUATION OF THE ROADWAY LIGHTING CIRCUIT.
7. THE UNDERPASS LIGHTING UNITS SHALL BE INSTALLED DURING CONTRACT NO. 76C75, STAGE 1, PHASE 2. UTILIZE THE LANE CLOSURES AND TRAFFIC CONTROL FOR CONTRACT 76C75 WHENEVER POSSIBLE.
8. THE UNDERPASS LIGHTING UNITS SHALL BE INSTALLED DURING CONTRACT NO. 76C76, STAGE 2. UTILIZE THE LANE CLOSURES AND TRAFFIC CONTROL FOR CONTRACT NO. 76C76 WHENEVER POSSIBLE.

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"X6"X4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.
JB2	10"X8"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.

CABLE /CONDUIT SCHEDULE	
1	CKT. C OR D: 2*10, 1*10 GND, IN 3/4 " DIA. RGC ATTACHED TO STRUCTURE.
2	CKT. C OR D: 2*10, 1*10 GND, IN 3/4 " DIA. LIQUID TIGHT, NON METALLIC, FLEXIBLE CONDUIT.

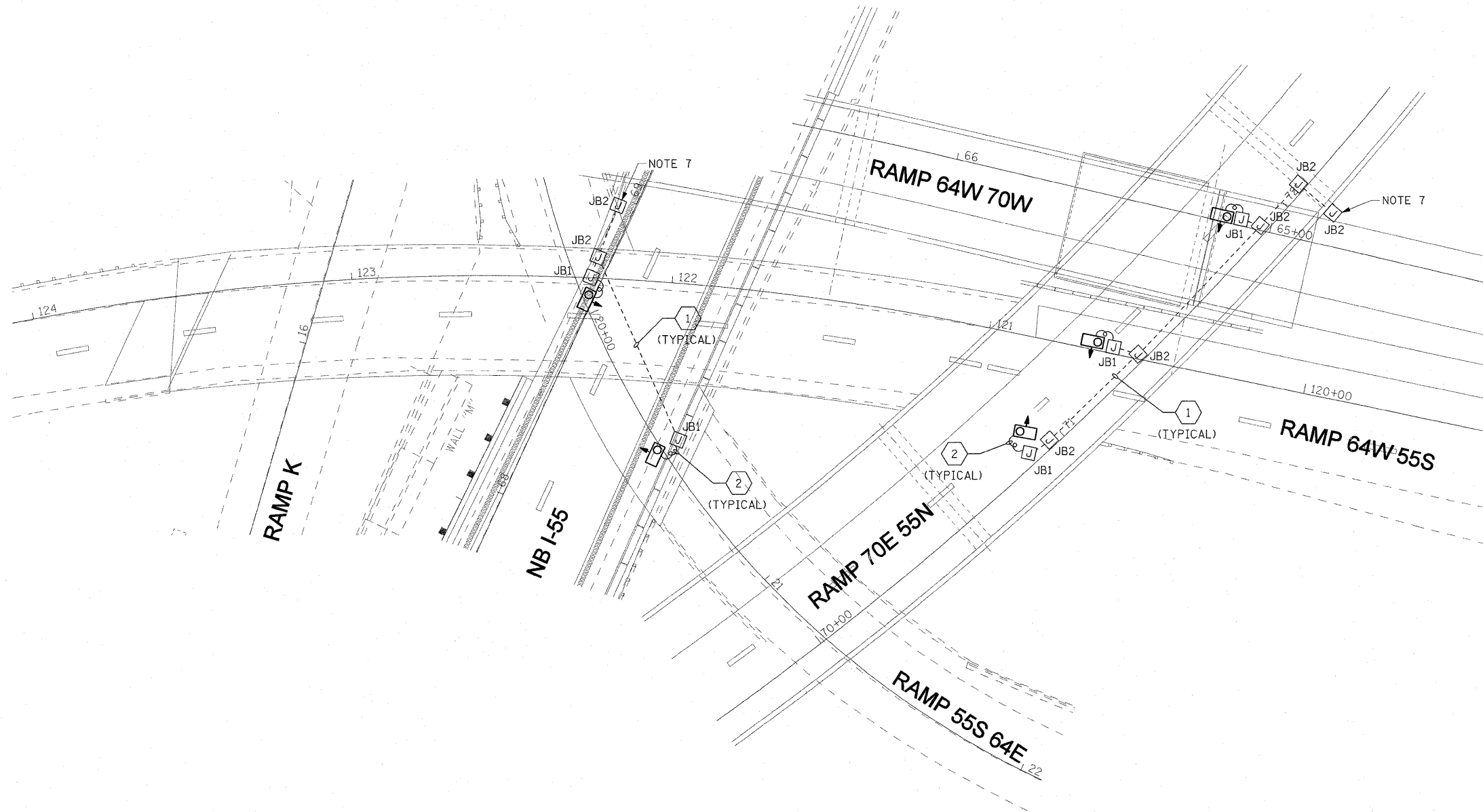


UL-04

FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNDERPASS LIGHTING PLANS RAMP 70E 64E OVER RAMP K, NB I-55 AND RAMP 55N 64E</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - TL	REVISED -		55/64	82-1L	ST. CLAIR	60	57				
	PLOT SCALE = 20.0000' / IN.	CHECKED - JPC	REVISED -		SCALE: NONE SHEET NO. 4 OF 5 SHEETS STA. N/A TO STA. N/A				CONTRACT NO. 76C54				
	PLOT DATE = 12/28/2010	DATE - JANUARY 4, 2011	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

**NOTES:**

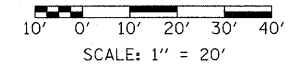
1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DETAIL LGT019 FOR UNDERPASS LIGHTING DETAILS.
3. COORDINATE ALL WORK WITH IDOT CONTRACT NOS. 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75, AND 76C76.
4. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE POWERED FROM IDOT CONTROLLERS "1" OR "25", SEE DRAWING SL-01 AND SL-02 FOR SINGLE LINE DIAGRAM OF IDOT CONTROLLERS "1" OR "25".
5. ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE PENDANT MOUNTED OFFSET TWO (2) FEET FROM THE PROPOSED EDGE OF ROADWAY (EOR) UNLESS NOTED OTHERWISE.
6. PROPOSED UNDERPASS LIGHTING UNIT SHALL BE MOUNTED TO BRIDGE PIER.
7. SPLICE THE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE ROADWAY LIGHTING CIRCUIT CABLES IN THE JUNCTION BOX. SEE DRAWING RL-03 FOR CONTINUATION OF THE ROADWAY LIGHTING CIRCUIT.
8. THE UNDERPASS LUMINAIRES SHOWN FOR RAMP 55S 64E SHALL BE INSTALLED DURING CONTRACT NO. 76C76, STAGES 1 AND 2. UTILIZE THE LANE CLOSURES AND TRAFFIC CONTROL FOR CONTRACT NO. 76C76 WHENEVER POSSIBLE.
9. THE UNDERPASS LUMINAIRES SHOWN FOR RAMP 70E 55N OVER RAMPS 64W 70W AND 64W 55S SHALL BE INSTALLED PRIOR TO THE START OF CONTRACT NO. 76C52. UTILIZE THE LANE CLOSURES AND TRAFFIC CONTROL FOR CONTRACT NOS. 76C53, 76C75 AND 76C76 WHENEVER POSSIBLE.



**PROPOSED WORK**  
NOTES 8 AND 9

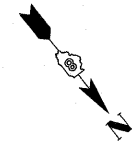
JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"x6"x4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.
JB2	10"x8"x6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING.

CABLE /CONDUIT SCHEDULE	
1	CKT. D: 2*10, 1*10 GND, IN 3/4" DIA. RGC ATTACHED TO STRUCTURE.
2	CKT. D: 2*10, 1*10 GND, IN 3/4" DIA. LIQUID TIGHT, NON METALLIC, FLEXIBLE CONDUIT.



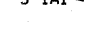






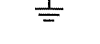

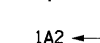




UL-05

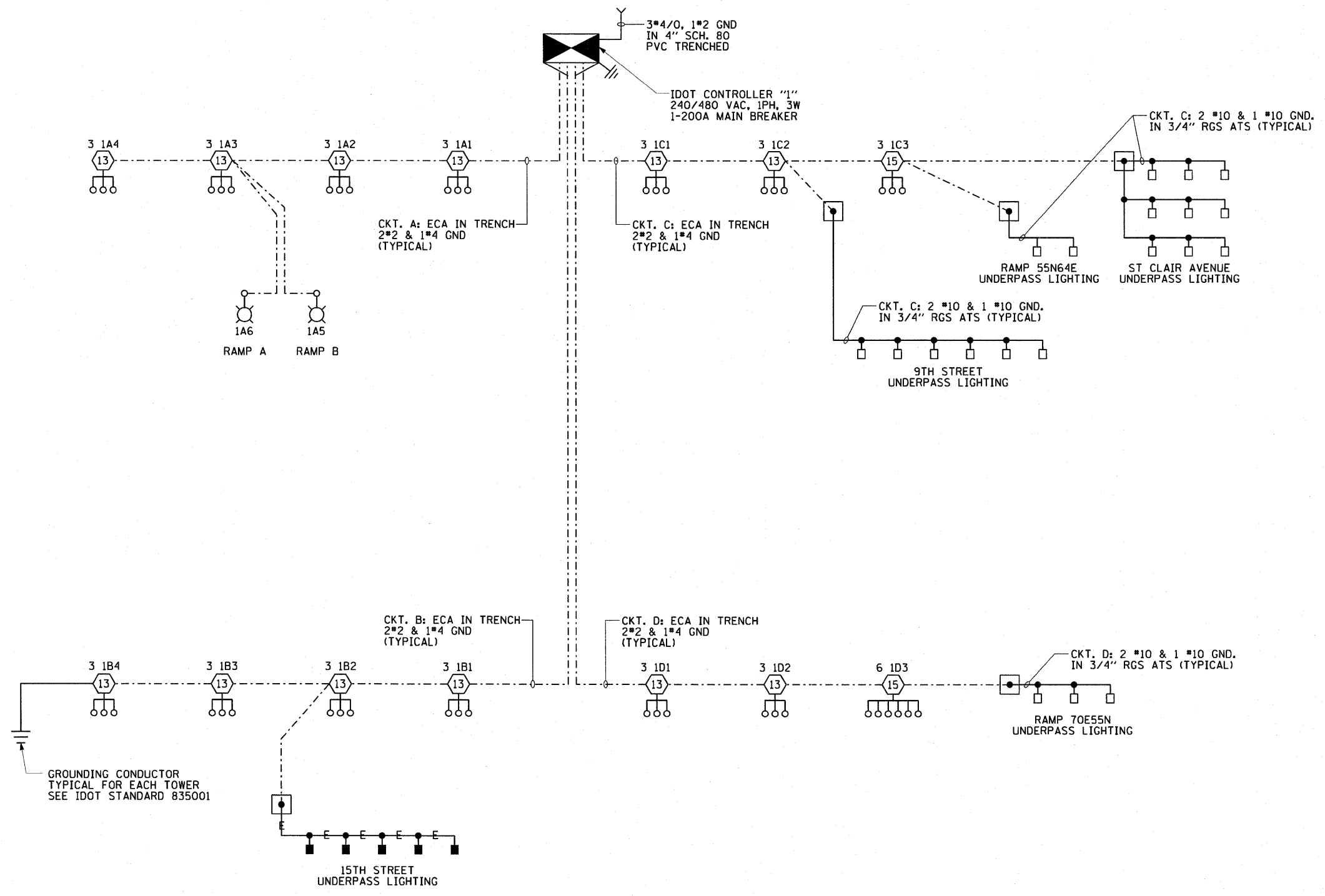
FILE NAME =	USER NAME = lertzt	DESIGNED - WDS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNDERPASS LIGHTING PLANS RAMP 70E 55N OVER RAMPS 64W 70W AND 64W 55S AND RAMP 55S 64E</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - TL	REVISED -			55/64	B2-IL	ST. CLAIR	60	58	
	PLOT SCALE = 20.0000' / IN.	CHECKED - JPC	REVISED -			CONTRACT NO. 76C54					
	PLOT DATE = 12/29/2010	DATE - JANUARY 4, 2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE: NONE		SHEET NO. 5 OF 5 SHEETS		STA. N/A		TO STA. N/A	



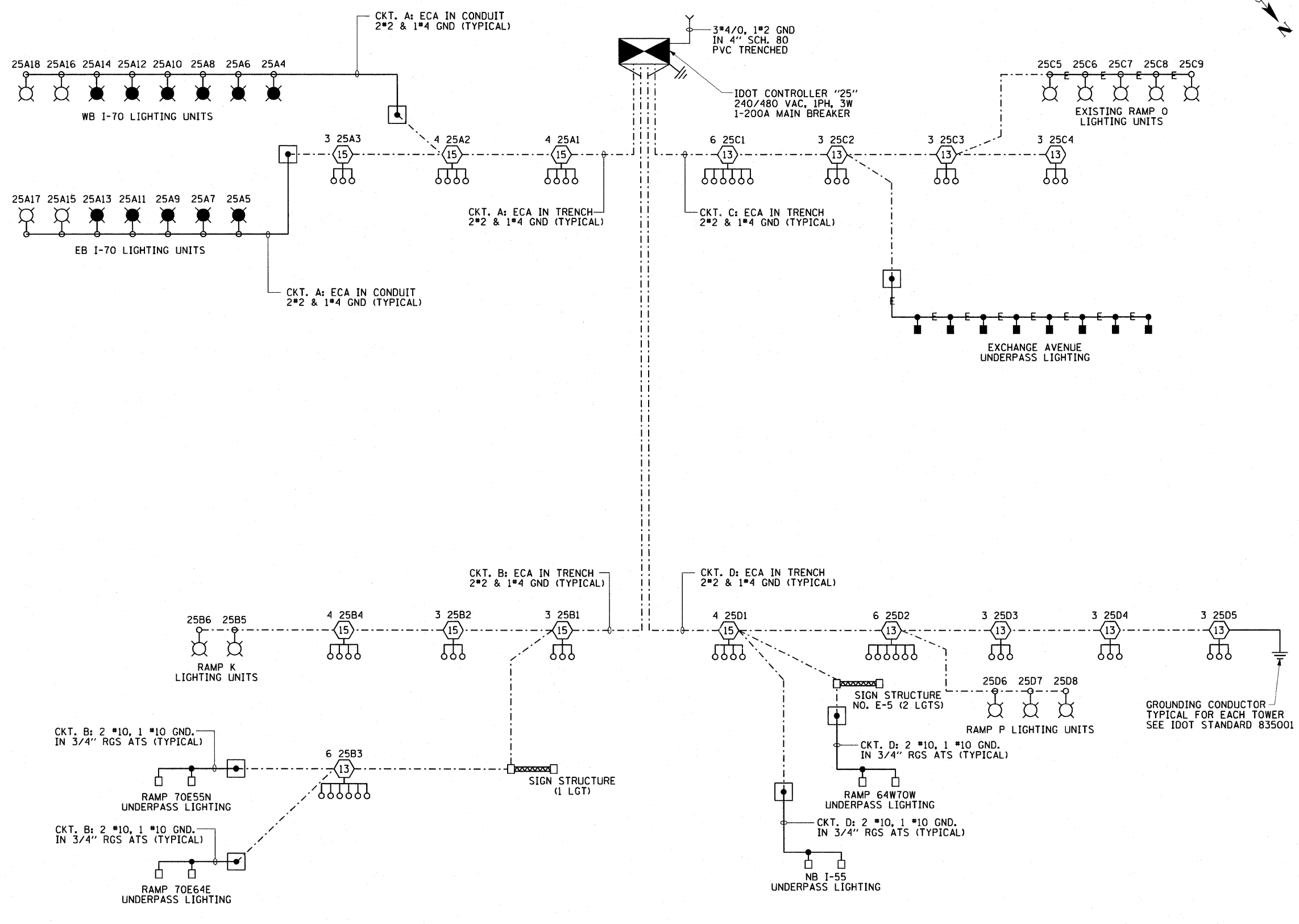
**LEGEND**

-  HIGH MAST LIGHT TOWER
-  750 WATT HPS LUMINAIRE
-  3 1A1 ← HIGH MAST TOWER DESIGNATION
-  □ UNDERPASS LIGHTING UNIT, 100 WATT HPS LUMINAIRE.
-  ■ UNDERPASS LIGHTING UNIT, 150 WATT HPS LUMINAIRE.
-  IDOT CONTROLLER
-  GROUND ROD
-  ELECTRIC UTILITY SERVICE
-  1A2 ← LUMINAIRE DESIGNATION
-  GROUND MOUNTED CONVENTIONAL LIGHTING UNIT, 1-250 WATT HPS LUMINAIRE.
-  25A7 ← LUMINAIRE DESIGNATION
-  PARAPET WALL MOUNTED CONVENTIONAL LIGHTING UNIT, 1-250 WATT HPS LUMINAIRE.
-  JUNCTION BOX
-  SIGN STRUCTURE LIGHTING

LOAD TABLE		
CIRCUIT	AMPS	WATTS
A	24.7	11,856
B	25.35	12,168
C	22.65	10,872
D	24.3	11,664
TOTAL	97.0	46,560



SL-01



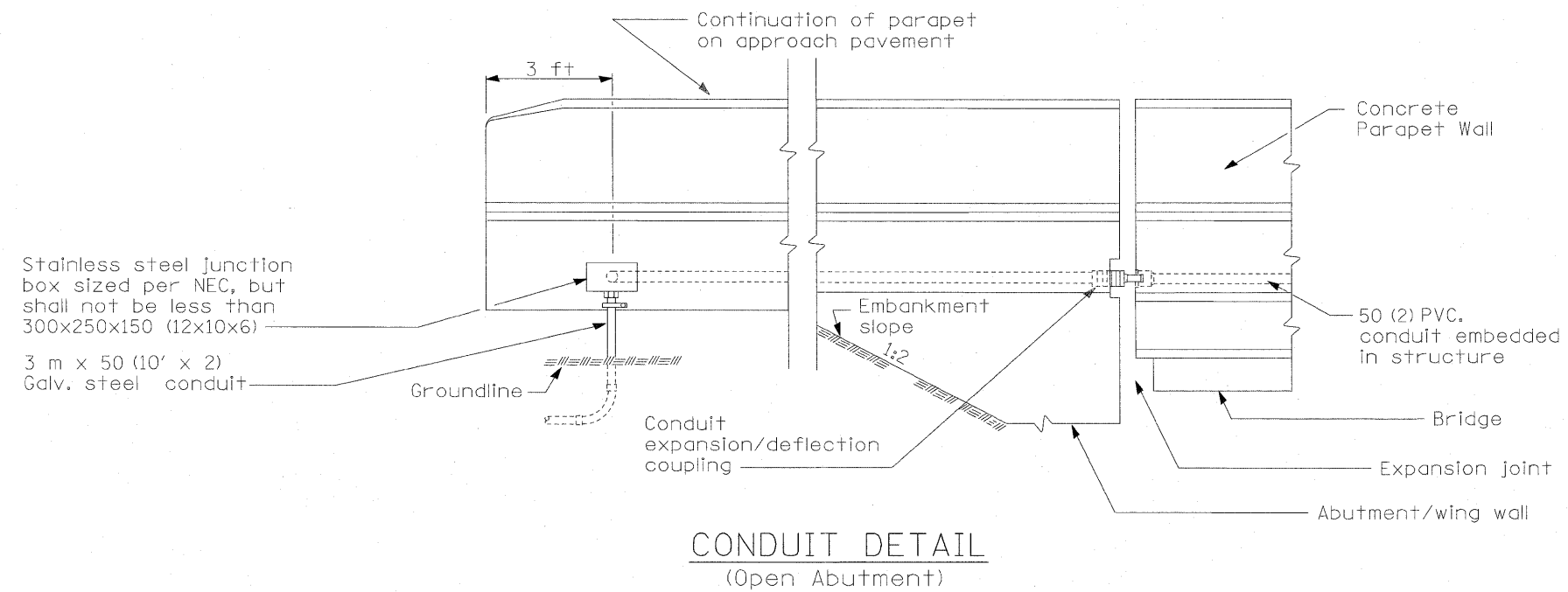
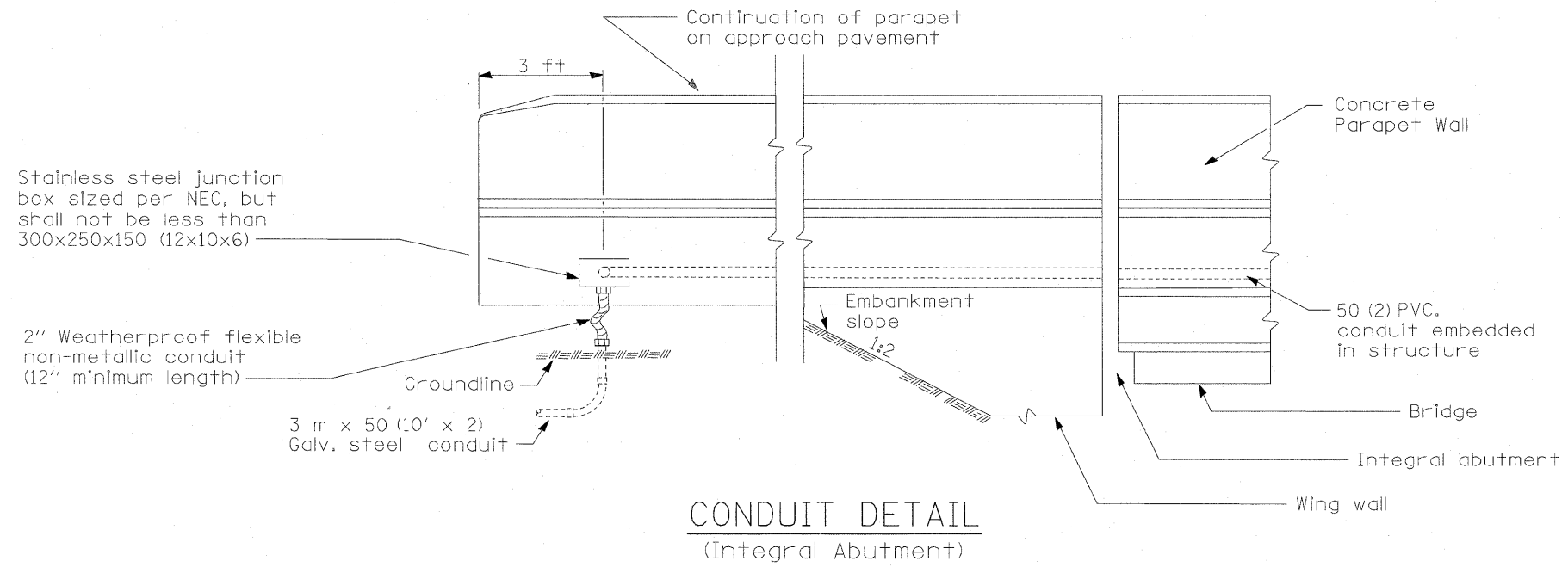
**LEGEND**

- HIGH MAST LIGHT TOWER
- 750 WATT HPS LUMINAIRE
- HIGH MAST TOWER DESIGNATION
- UNDERPASS LIGHTING UNIT, 100 WATT HPS LUMINAIRE.
- UNDERPASS LIGHTING UNIT, 150 WATT HPS LUMINAIRE.
- IDOT CONTROLLER
- GROUND ROD
- ELECTRIC UTILITY SERVICE
- LUMINAIRE DESIGNATION  
GROUND MOUNTED CONVENTIONAL LIGHTING UNIT, 1-250 WATT HPS LUMINAIRE.
- LUMINAIRE DESIGNATION  
PARAPET WALL MOUNTED CONVENTIONAL LIGHTING UNIT, 1-250 WATT HPS LUMINAIRE.
- JUNCTION BOX
- SIGN STRUCTURE LIGHTING

**LOAD TABLE**

CIRCUIT	AMPS	WATTS
A	31.2	14,976
B	34.1	16,368
C	35.62	17,097
D	41.0	19,680
TOTAL	141.92	67,737

SL-02

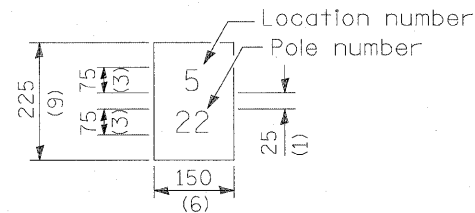


All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
7-31-08	Updated

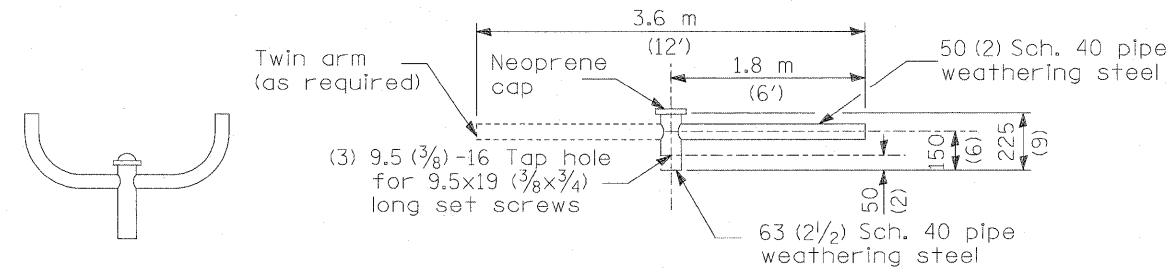
CONDUIT EXITING  
PARAPET ON  
APPROACH PAVEMENT

LGT002B



The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

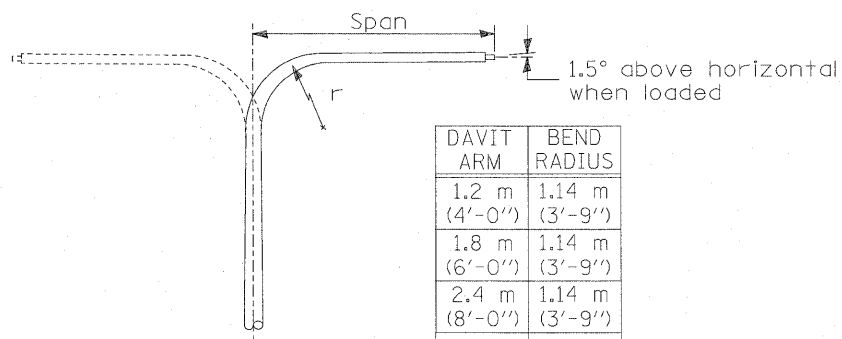
The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.



TWIN TENON

TENON MOUNT BRACKET ARM

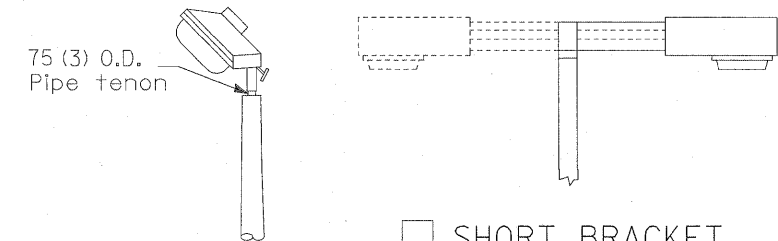
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



DAVIT ARM	BEND RADIUS
1.2 m (4'-0")	1.14 m (3'-9")
1.8 m (6'-0")	1.14 m (3'-9")
2.4 m (8'-0")	1.14 m (3'-9")
3.6 m (12'-0")	1.14 m (3'-9")

DAVIT ARM

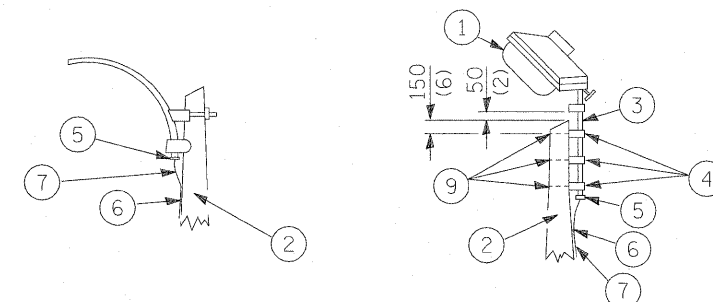
DAVIT ARM-TWIN



TENON

SHORT BRACKET

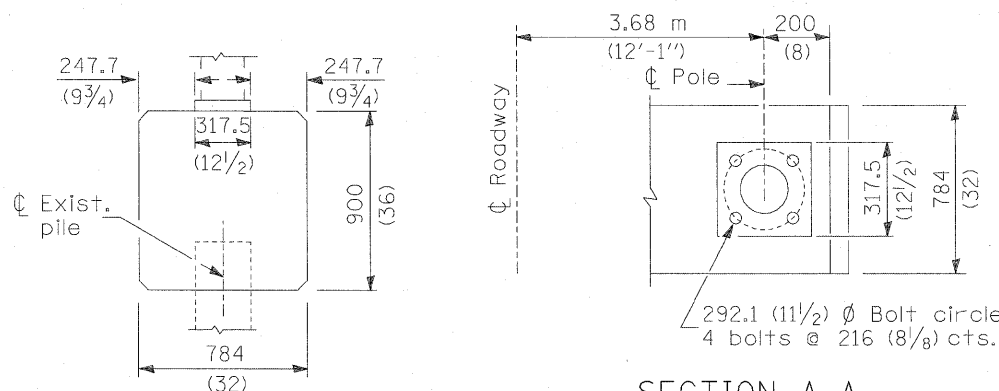
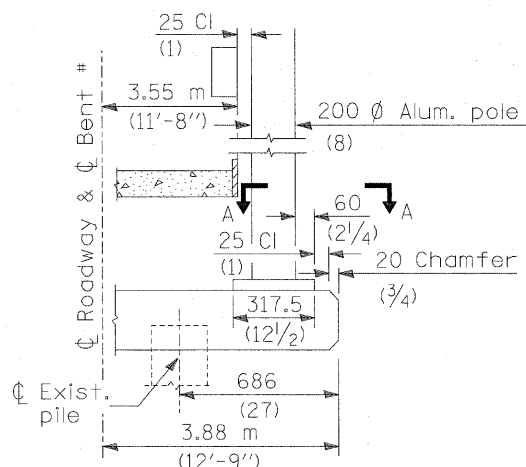
SHORT BRACKET - TWIN



MAST ARM

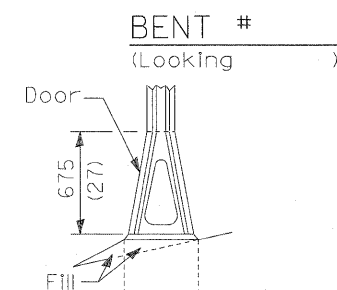
TENON

- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.

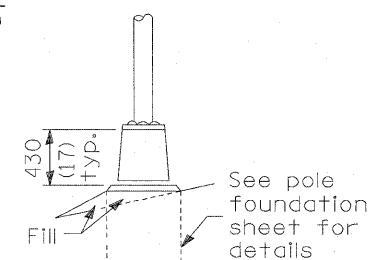


BRIDGE PIER MOUNT

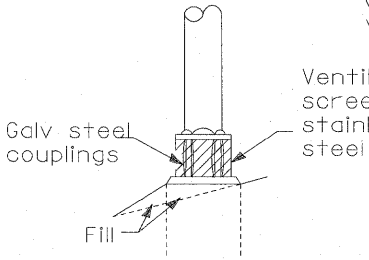
SECTION A-A



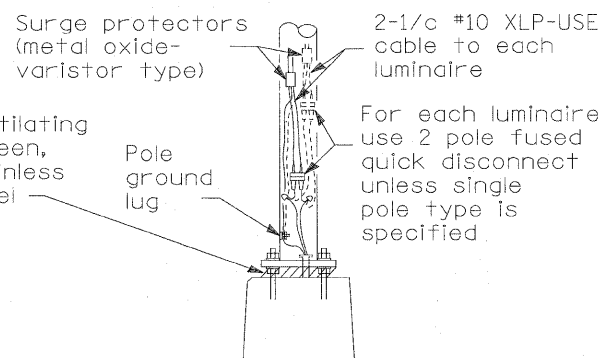
STAINLESS STEEL FLAIR BASE



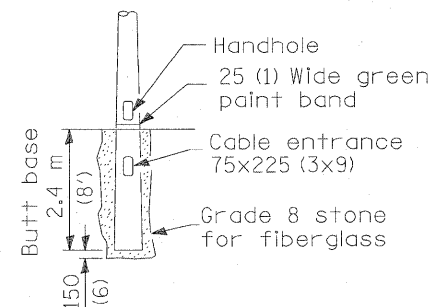
TRANSFORMER BASE



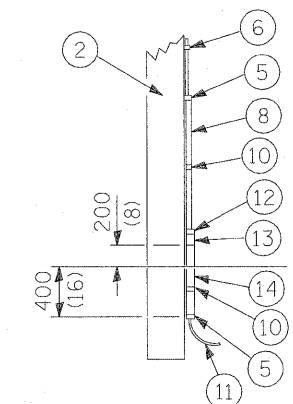
BREAKAWAY COUPLING



ANCHOR



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

All dimensions are in millimeters (inches) unless otherwise shown.

FRANGIBLE

METAL

OR

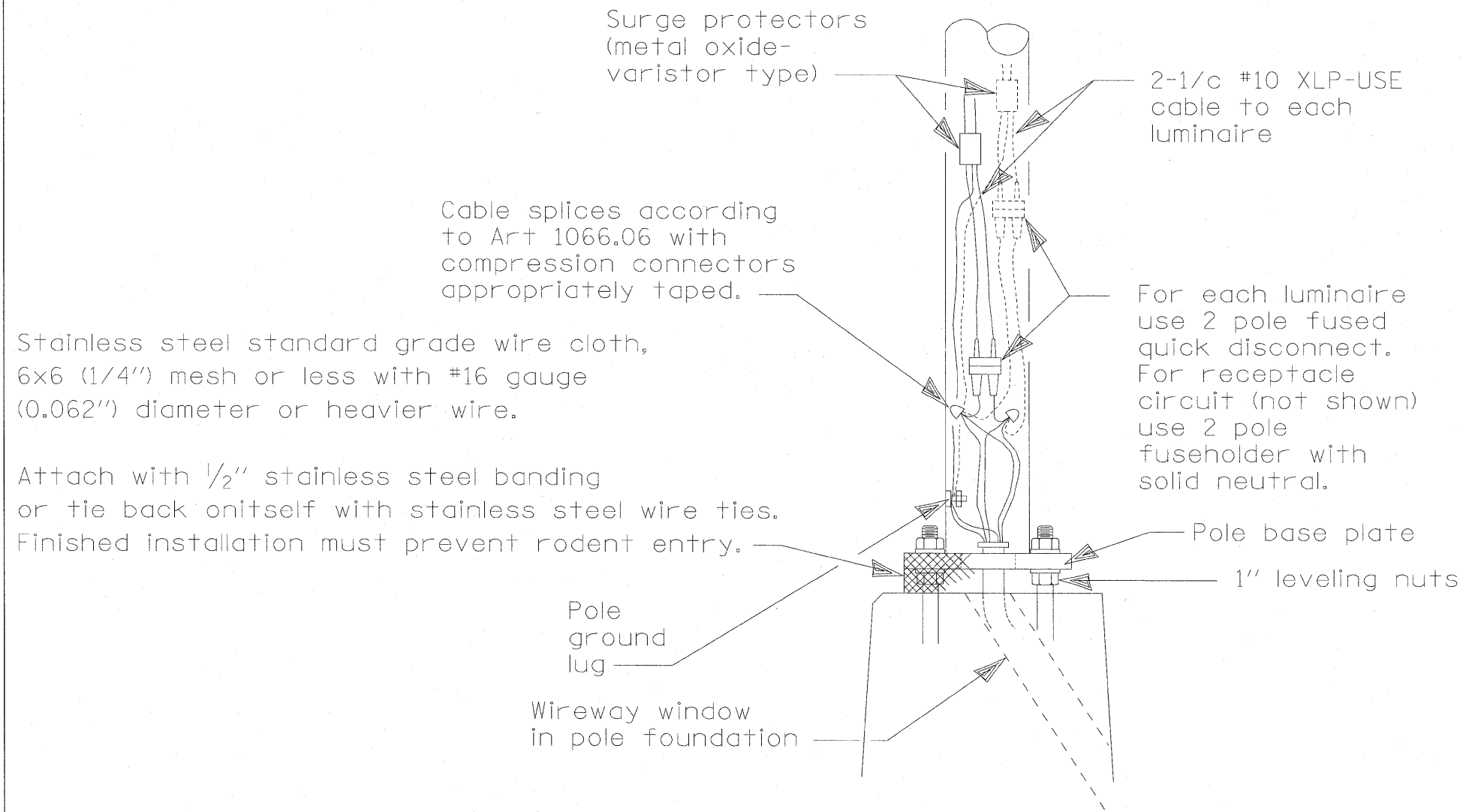
CONCRETE

Details for underground distribution if required

DATE	REVISIONS
	Corrected 6/24/09

## POLE STANDARDS

LGT008



Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back on itself with stainless steel wire ties. Finished installation must prevent rodent entry.

Pole ground lug

Wireway window in pole foundation

## WIRING DETAIL

NO SCALE

### GENERAL NOTES

All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

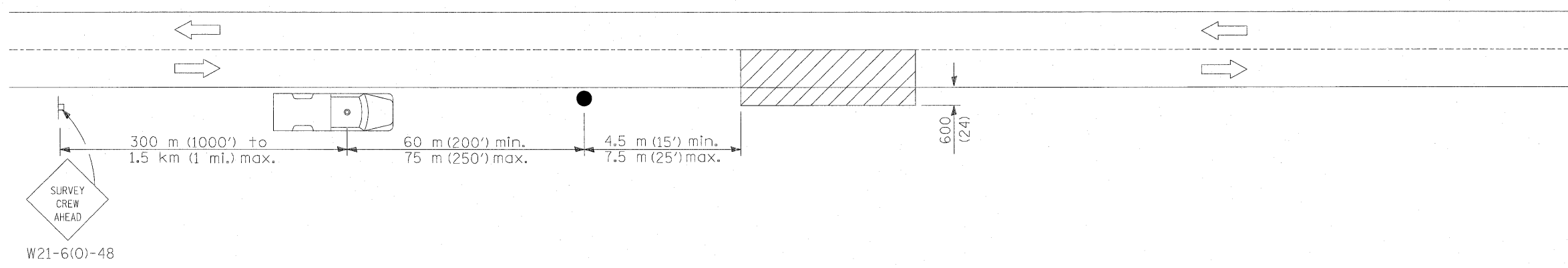
For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

All dimensions are in millimeters (inches) unless otherwise shown.

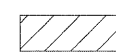
DATE	REVISIONS
7/31/08	Updated

POLE HANDHOLE WIRING

LGT008A



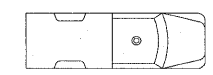
SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

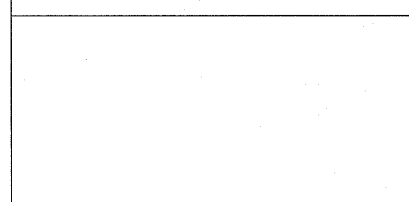
TYPICAL APPLICATIONS  
Utility operations

All dimensions are in millimeters (inches) unless otherwise shown.

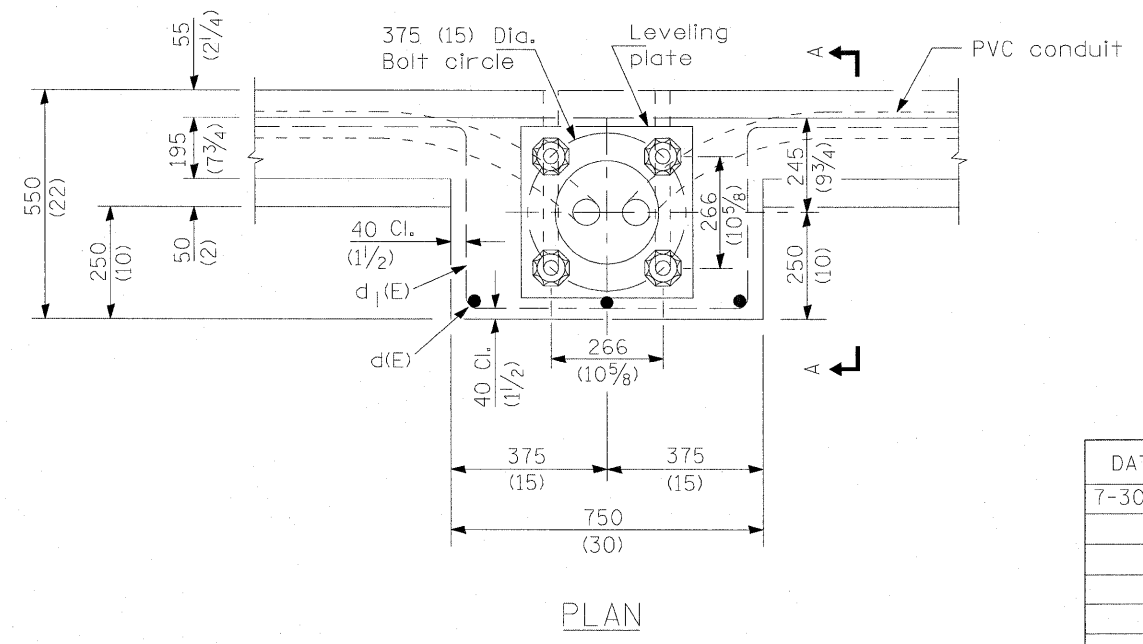
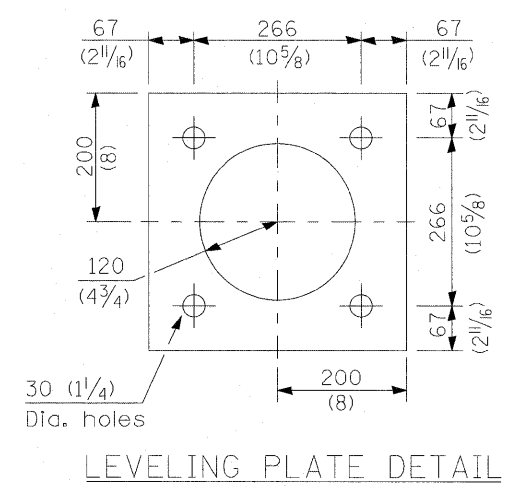
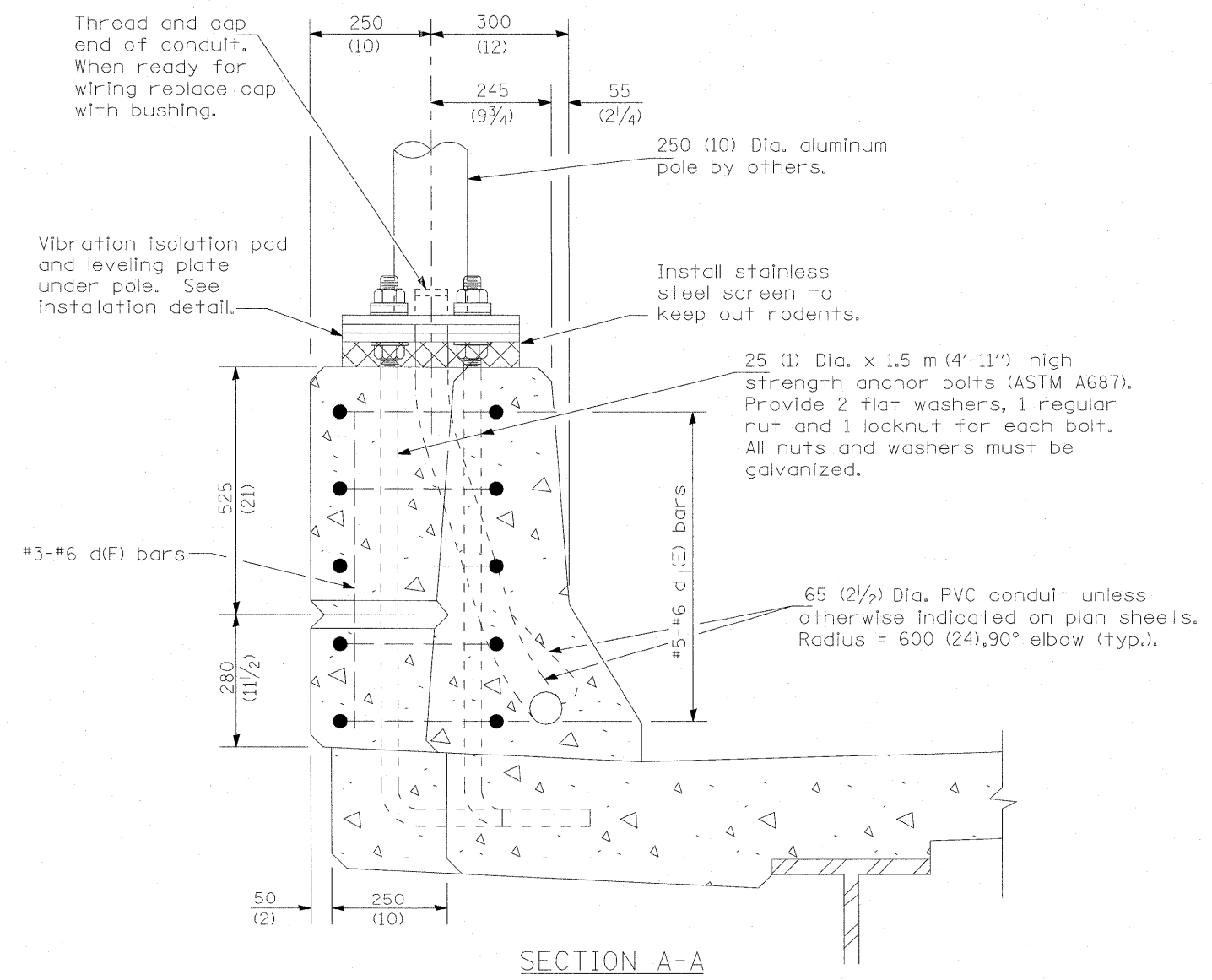
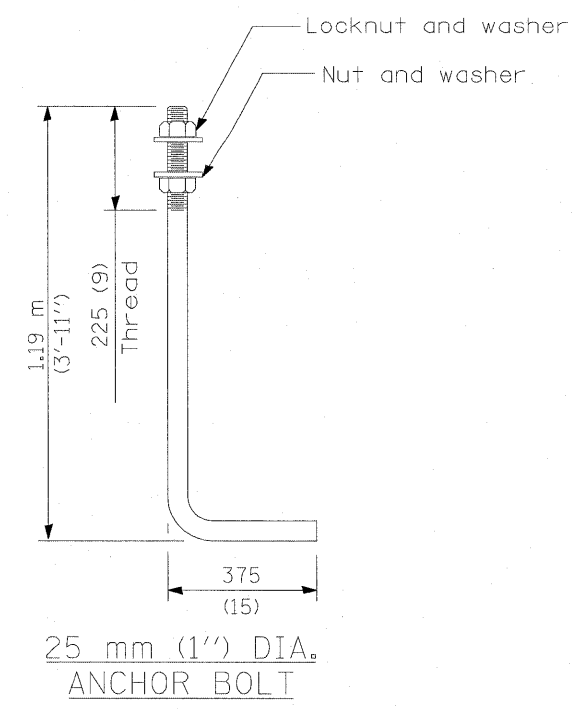
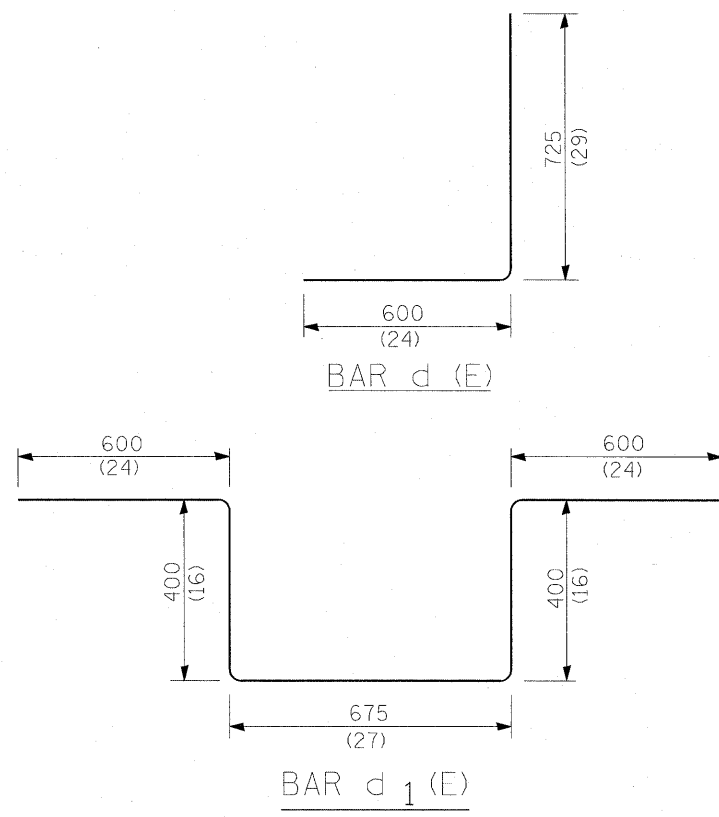
DATE	REVISIONS

DETAIL FOR  
NIGHTTIME LIGHTING  
INSPECTION

**LGT017**







**GENERAL NOTES**

A light pole of 35 ft or less in height will require a smaller shaft diameter and a smaller bolt circle diameter. This will also change the bolt spacing and leveling plate.

The outline of the pole leveling plate and vibration isolation pad shall match that of the pole base plate.

The cost of anchor bolts, conduit, and foundation is incidental to the bridge structure.

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
7-30-08	Updated

**LIGHT POLE MOUNTED ON CONCRETE PARAPET**

**LGT018**

2 1/2" O.D. x 1/4" galvanized steel flat washer either side of 2 1/2" O.D. x 1/2" isolation washer. See notes 3 and 5.

Pole base plate

Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back onitself with stainless steel wire ties. Finished installation must prevent rodent entry.

1" leveling nuts

1" self-locking nut or double nut. Install with torque wrench and torque to the isolation pad manufacturer's specifications.

1/2" min. isolation pad - see note 3.

1/2" min. galvanized steel leveling plate. Size to match pole base plate - see note 3.

1" high strength anchor bolts in bridge parapet.

### Pole Mounted on Bridge Parapet Detail

#### GENERAL NOTES

1. Locate poles over bridge piers where possible.
2. The vibration isolation pad and leveling plate shall match the footprint of the pole base plate.
3. Thickness of isolation pad and washers shall be according to the isolation pad manufacturer's recommendations based upon pole height and loading.
4. Should the length of the exposed anchor bolts be too short on an existing bridge to mount the poles as shown, then the leveling plate shall be mounted directly on the concrete and leveled with stainless steel washers. Remove concrete as directed by the Engineer to fully thread the top nut.
5. The diameter of the flat washer on either side of the isolation washer shall be at least the same as the diameter of the isolation washer.

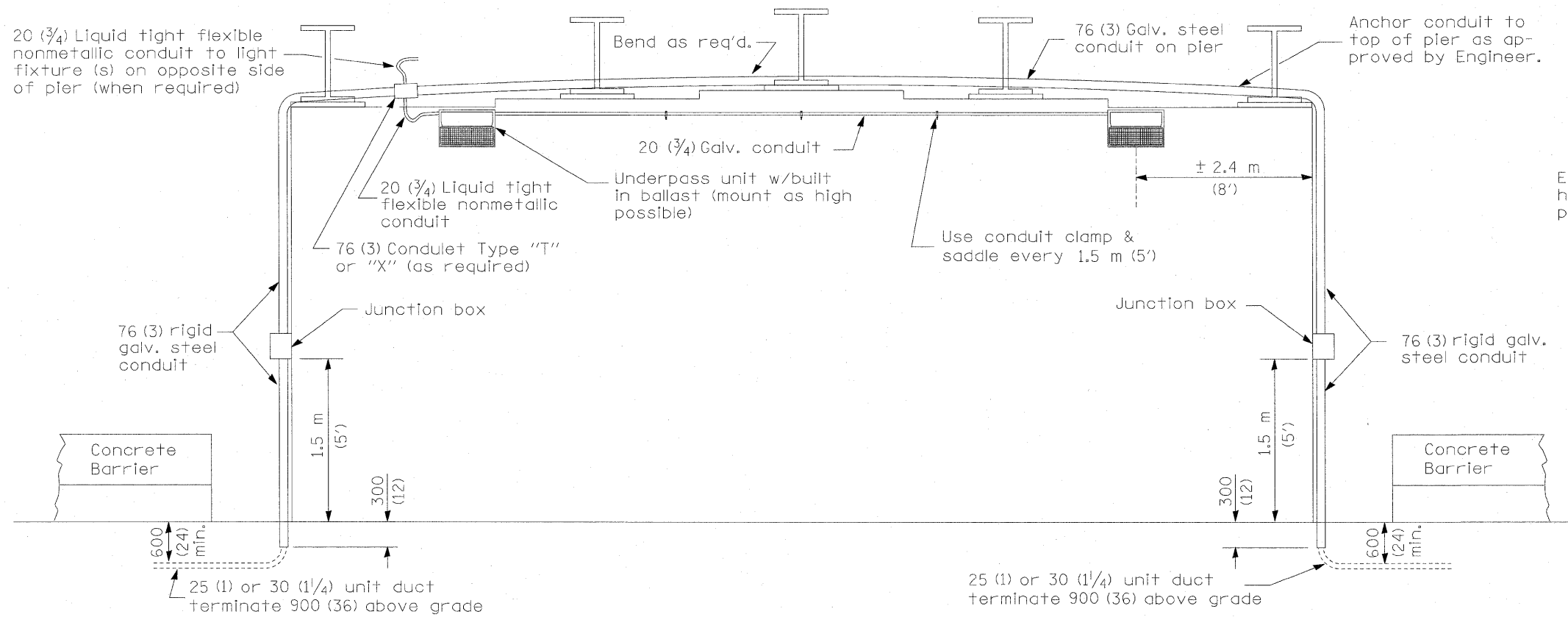
All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
7/31/08	Updated
7/9/10	Updated

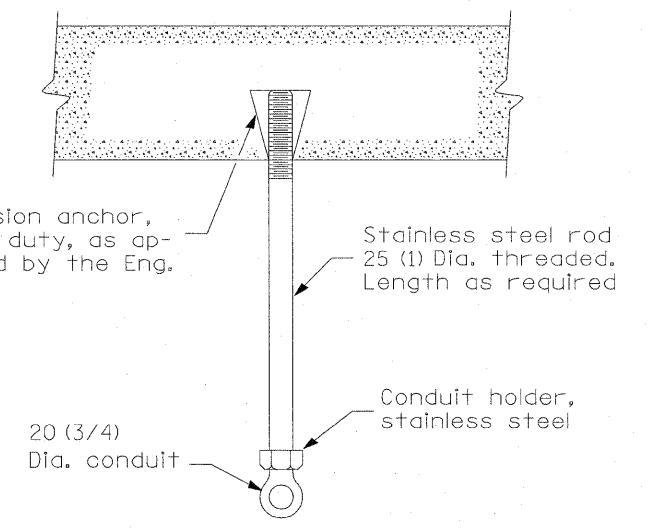
POLE MOUNTED  
ON BRIDGE PARAPET

LGT018A

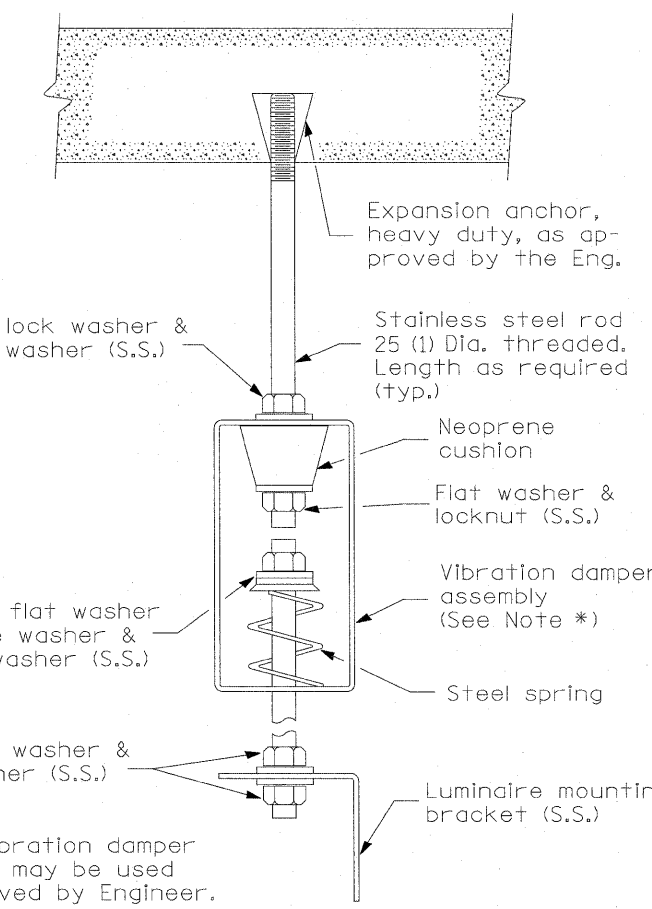
6/6



**UNDERPASS LIGHTING**  
(Mounted on Face Pier)



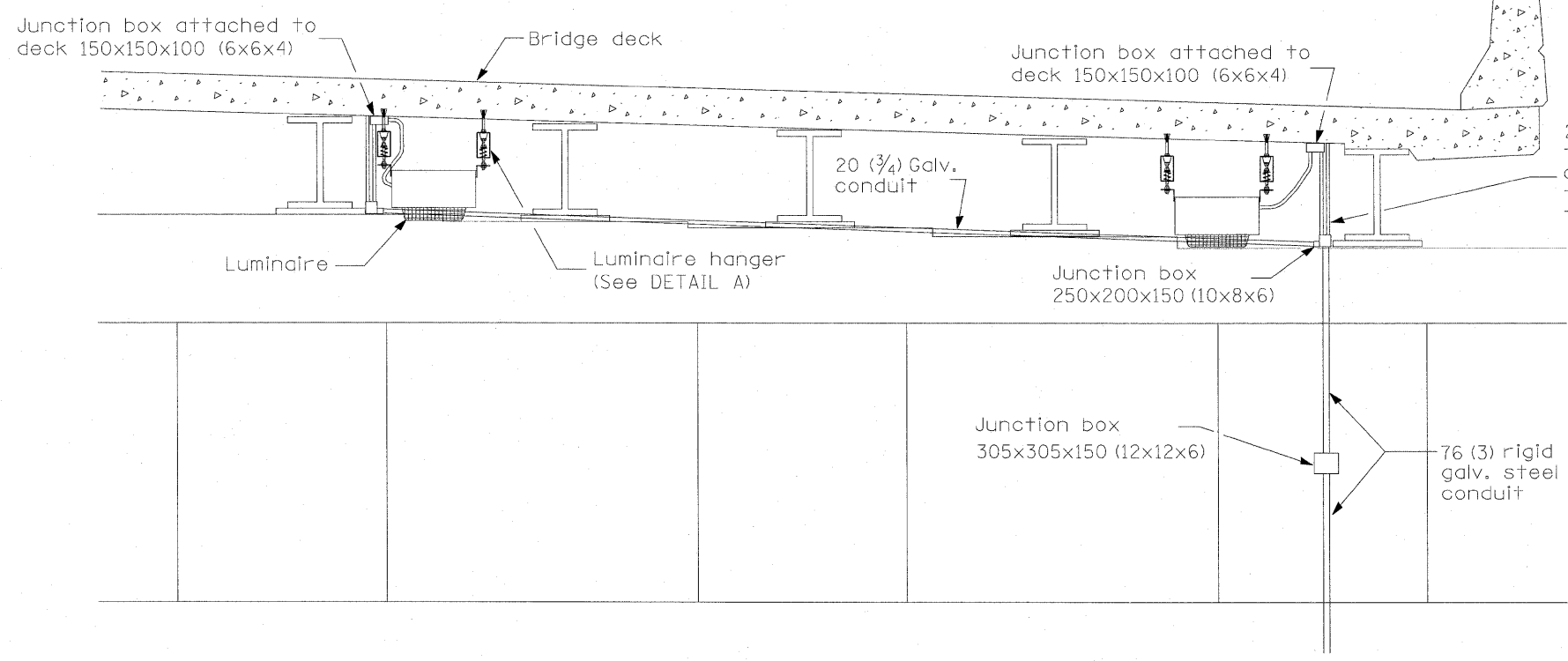
**CONDUIT HANGER**



\* Note:  
Other vibration damper assembly may be used if approved by Engineer.

**LUMINAIRE HANGER ASSEMBLY DETAIL A**

All dimensions are in millimeters (inches) unless otherwise shown.



**UNDERPASS LIGHTING**  
(Mounted to Bridge Deck)

DATE	REVISIONS

**UNDERPASS LIGHTING**

**LGT019**