

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1-10N	ST. CLAIR	68	1

* 9166/9180
 D-98-058-08

**FOR INDEX OF SHEETS AND LIST OF STANDARDS,
 SEE SHEET NO. 2**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
F.A.U. 9166 / F.A.U. 9180
SECTION 82-1-10N, TS
ST. CLAIR AVE / BAUGH AVE
FROM 16TH ST TO 20TH ST
ROUNDAABOUT AT 18TH ST AND BAUGH AVE

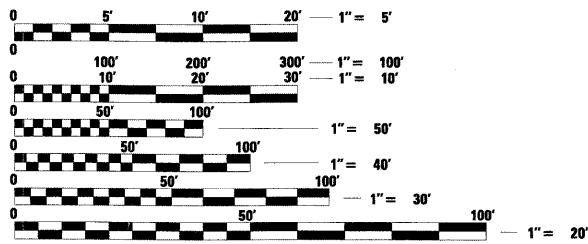


DESIGN DESIGNATIONS:

18TH STREET	2,800 (20) LOCAL ROAD
ST. CLAIR AVENUE	4,800 (20) MINOR ARTERIAL
BAUGH AVENUE	6,850 (20) MINOR ARTERIAL
RAMP "D"	MINOR ARTERIAL

ST. CLAIR COUNTY
C-98-074-09

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 MANAGER MIKE PRITCHETT
SQUAD LEADER CHAD SANDERS
CONTRACT NO. 76C38

Ger E Boyer 8/14/09
 GERI E. BOYER DATE
 LICENSE EXPIRES 11/30/2009
 SHEETS 1-41, 48-49, 58-68



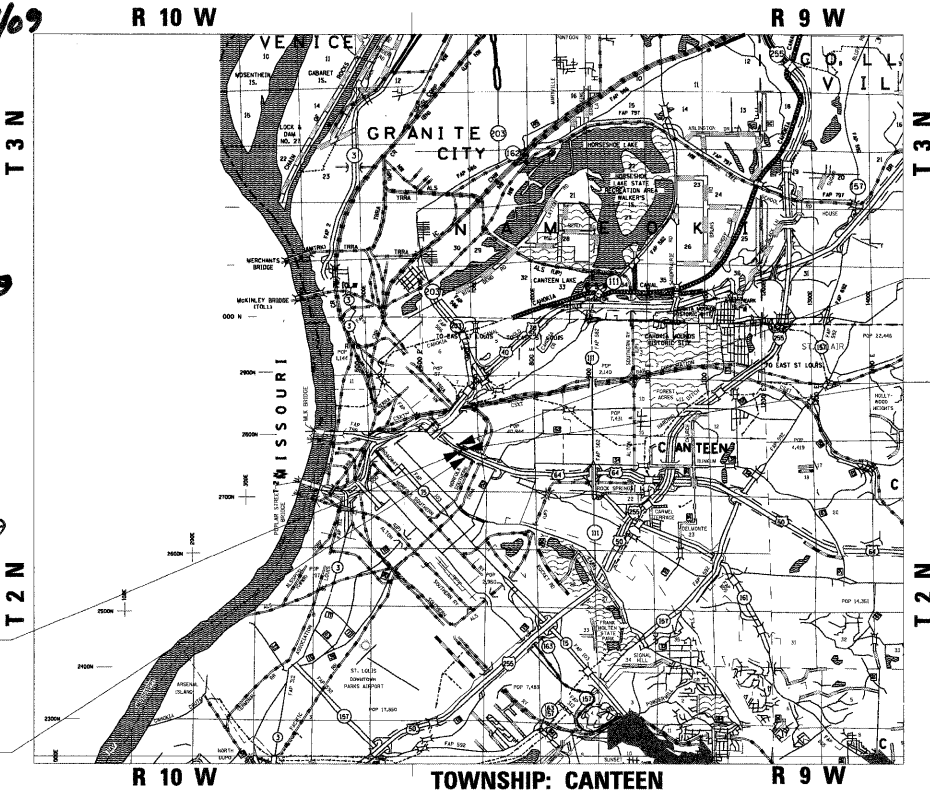
Robert J. Stern 8/12/09
 ROBERT J. STERN DATE
 LICENSE EXPIRES 11/30/2009
 SHEETS 42-47



James P. Coleman 8/13/09
 JAMES P. COLEMAN DATE
 LICENSE EXPIRES 11/30/2009
 SHEETS 50-57

18TH STREET
 STA 199+55.12 TO STA 204+90.77

ST. CLAIR AVENUE
 STA 12+50.00 TO STA 23+76.03



	GROSS LENGTH OF PROJECT	NET LENGTH OF PROJECT
18TH STREET	536' (0.10 MI)	422' (0.08 MI)
ST. CLAIR AVENUE	1,126' (0.21 MI)	1,126' (0.21 MI)
BAUGH AVENUE	389' (0.07 MI)	389' (0.07 MI)
RAMP "D"	433' (0.08 MI)	433' (0.08 MI)

BAUGH AVENUE
 STA 11+11.28 TO STA 15+00.00

RAMP "D"
 STA 400+00.00 TO STA 404+33.14

TO CHICAGO

TO LOUISVILLE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 20, 2009

Mary C. Jamie
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 2, 2009
Charles G. Ingersoll
 ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2009
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

AECOM

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303 EAST WACKER DRIVE, SUITE 600
 CHICAGO, ILLINOIS 60601-5212, PHONE: (312) 938-0300

DCN-SPEC
 DATE-TIME
 REF-REF
 REF-REF

INDEX OF SHEETS

SHEET NUMBER	DRAWING TITLE
1	COVER SHEET
2	INDEX OF DRAWINGS AND LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES AND COMMITMENTS
4	GENERAL NOTES AND COMMITMENTS
5	SUMMARY OF QUANTITIES
6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS 18TH STREET
8	TYPICAL SECTIONS BAUGH AVENUE & RAMP "D"
9	TYPICAL SECTIONS ST. CLAIR AVENUE
10	TYPICAL SECTIONS ST. CLAIR AVENUE
11	SCHEDULE OF QUANTITIES
12	SCHEDULE OF QUANTITIES
13	SCHEDULE OF QUANTITIES
14	SCHEDULE OF QUANTITIES
15	SCHEDULE OF QUANTITIES
16	ALIGNMENT, TIES, AND BENCHMARKS
17	ALIGNMENT, TIES, AND BENCHMARKS
18	ALIGNMENT, TIES, AND BENCHMARKS
19	ROADWAY KEY PLAN
20	PLAN AND PROFILE
21	PLAN AND PROFILE
22	PLAN AND PROFILE
23	PLAN AND PROFILE
24	PLAN AND PROFILE
25	PLAN AND PROFILE
26	PLAN AND PROFILE
27	PLAN AND PROFILE
28	REMOVAL PLAN
29	TRAFFIC CONTROL PLAN
30	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1
31	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2
32	EROSION CONTROL PLAN
33	INTERSECTION DETAIL PLAN
34	INTERSECTION DETAIL PLAN

SHEET NUMBER	DRAWING TITLE
35	INTERSECTION DETAIL PLAN
36	SPLITTER ISLAND DETAIL PLAN
37	JOINT PLAN
38	JOINT PLAN
39	PAVEMENT MARKING PLANS
40	PAVEMENT MARKING PLANS
41	PAVEMENT MARKING PLANS
42	LANDSCAPING PLAN - GENERAL NOTES
43	LANDSCAPE PLAN TREES SHEET 1 OF 2
44	LANDSCAPE PLAN TREES SHEET 2 OF 2
45	LANDSCAPE PLAN PERENNIAL / SHRUB PLANTINGS
46	LANDSCAPE PLAN BULB PLANTINGS
47	LANDSCAPE PLAN - PLANTING DETAILS
48	GRADING PLAN
49	18TH ST AND RAMP "D" SIGNING PLAN, SCHEDULE AND DETAILS
50	ELECTRICAL SYMBOLS AND ABBREVIATIONS
51	LIGHTING DETAILS TEMPORARY POWER AND WOOD POLE DETAILS
52	LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION
53	LIGHTING PLANS PROPOSED WORK
54	LIGHTING PLANS I-64 OVER 18TH STREET UNDERPASS
55	LIGHT POLE FOUNDATION
56	POLE STANDARDS
57	UNDERPASS LIGHTING
58	18TH STREET CROSS SECTIONS
59	18TH STREET CROSS SECTIONS
60	RAMP "D" CROSS SECTIONS
61	RAMP "D" CROSS SECTIONS
62	BAUGH AVENUE CROSS SECTIONS
63	BAUGH AVENUE CROSS SECTIONS
64	ST. CLAIR AVENUE CROSS SECTIONS
65	ST. CLAIR AVENUE CROSS SECTIONS
66	ST. CLAIR AVENUE CROSS SECTIONS
67	ST. CLAIR AVENUE CROSS SECTIONS
68	ST. CLAIR AVENUE CROSS SECTIONS

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-01	CATCH BASIN - TYPE A
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT TOP SLAB
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE 8
604051-03	FRAME AND GRATE TYPE 11
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' AWAY
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701451	RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSIBLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE OFFSETS TO ALL NEW INLETS IN CURBED ROADWAYS AND ALL MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE UNLESS OTHERWISE INDICATED. A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS OFFSET.
3. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
4. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
5. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.
6. THE CONTRACTOR SHALL BE AWARE THAT THE PROJECT SITE MAY CONTAIN ARCHEOLOGICAL EXCAVATED HOLES. THE CONTRACTOR SHALL FILL THE HOLES WITH EMBANKMENT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE ACCORDING TO THE EARTH EXCAVATION PAY ITEM IN THE PLANS.
7. AN ESTIMATED QUANTITY OF 5 FOOT OF STORM SEWER TYPE 1 RCP CLASS 4 12" IS INCLUDED IN THE ESTIMATED QUANTITIES FOR EACH CONNECTION TO THE EXISTING STORM SEWER SYSTEM. THIS QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER TO ENSURE A SECURE AND WATER TIGHT CONNECTION OF THE PROPOSED DRAINAGE STRUCTURE TO THE EXISTING SYSTEM.
8. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
9. 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.
10. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE.
11. AN ESTIMATED QUANTITY OF 100 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.
12. THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
13. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
14. CONTRACTORS SHALL LOCATE ALL SANITARY SEWER LATERALS AND ENGINEER SHALL ADJUST PROPOSED STORM SEWER TO AVOID SEWERS.

8/13/2009 10:34:04 AM

FILE NAME = DBTRI-76C38-shr-index01-03.dgn	USER NAME = jdf	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME = DBTRI-76C38-shr-general-01	DRAWN - JDF	REVISED -	•			82-1-10N	ST. CLAIR	68	3	
PLOT SCALE = 1:1	CHECKED - LDT	REVISED -	• 9166/9180							
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: NONE					SHEET NO. 1 OF 2 SHEETS		STA. ----- TO STA. -----			

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
- QWEST
- 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. ALL TRAFFIC CONTROL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE NOTED.
2. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT AND ON THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48".
3. FLAGMEN SHALL BE PRESENT DURING ALL LANE CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
4. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE.

COMMITMENTS

1. NONE AT THIS TIME

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-10N	ST. CLAIR	68	4
• 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. ----- TO STA. -----

FILE NAME = DBTRI-76C38-sht-index01-03.dgn
 USER NAME = jdf
 MODEL NAME = DBTRI-76C38-sht-general-02
 DRAWN - JDF
 REVISIONS -
 CHECKED - LDT
 REVISIONS -
 PLOT DATE = 8/13/2009
 DATE - 08/14/09
 REVISIONS -

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITIES	100% STATE FUNDED CONSTRUCTION TYPE CODE			
				ROADWAY J000	TRAFFIC SIGNS Y002-1C	HIGHWAY LIGHTING Y030-1E	TRAFFIC SIGNALS Y031-1F
				20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	54
20200100	EARTH EXCAVATION	CU YD	4,001	4,001			
20800150	TRENCH BACKFILL	CU YD	59	59			
* 25000115	SEEDING, CLASS 1B	ACRE	1.4	1.4			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	126	126			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	126	126			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	126	126			
* 25100120	MULCH, METHOD 2	TON	3	3			
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	420	420			
* 28000400	PERIMETER EROSION BARRIER	FOOT	1,970	1,970			
28000500	INLET AND PIPE PROTECTION	EACH	34	34			
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	6,260	6,260			
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	1,629	1,629			
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	499	499			
40600300	AGGREGATE (PRIME COAT)	TON	10	10			
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	92	92			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	78	78			
40600990	TEMPORARY RAMP	SQ YD	13	13			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	466	466			
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2,961	2,961			
42001300	PROTECTIVE COAT	SQ YD	4,506	4,506			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	90	90			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,787	4,787			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	146	146			
42400800	DETECTABLE WARNINGS	SQ FT	260	260			
44000100	PAVEMENT REMOVAL	SQ YD	6,962	6,962			
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	592	592			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,170	4,170			
44000600	SIDEWALK REMOVAL	SQ FT	7,367	7,367			
44003800	MEDIAN SURFACE REMOVAL	SQ FT	1,201	1,201			
44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	4	4			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,330	1,330			
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	24	24			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITIES	100% STATE FUNDED CONSTRUCTION TYPE CODE			
				ROADWAY J000	TRAFFIC SIGNS Y002-1C	HIGHWAY LIGHTING Y030-1E	TRAFFIC SIGNALS Y031-1F
				55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	686
55100500	STORM SEWER REMOVAL 12"	FOOT	46	46			
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	6	6			
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1			
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	3			
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2			
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1	1			
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2			
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10			
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1			
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1			
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1			
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	3	3			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8			
60500060	REMOVING INLETS	EACH	7	7			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	643	643			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,149	3,149			
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	88	88			
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	207	207			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	882	882			
66400505	CHAIN LINK FENCE, 8'	FOOT	1,929	1,929			
66409400	CHAIN LINK GATES, 8' X 12' DOUBLE	EACH	1	1			
66410300	CHAIN LINK FENCE REMOVAL	FOOT	2,234	2,234			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	70	70			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	162	162			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	54	54			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	320		320		

* DENOTES SPECIALTY ITEM

8/13/2009 10:34:11 AM

FILE NAME = DBTRI-76C38-shr-summary01-02.dgn	USER NAME = jdf	DESIGNED - LDC	REVISED -
MODEL NAME = DBTRI-76C38-shr-summary-01	DRAWN -	CHECKED - GEB	REVISED -
PLOT SCALE = 1:1	DATE = 08/14/09		
PLOT DATE = 8/13/2009			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. ----- TO STA. -----

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1-10N	ST. CLAIR	68	5
* 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE FUNDED			
			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROADWAY J000	TRAFFIC SIGNS Y002-1C	HIGHWAY LIGHTING Y030-1E
* 72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	20		20	
* 72900100	METAL POST - TYPE A	FOOT	89		89	
* 72900200	METAL POST - TYPE B	FOOT	293		293	
* 73000100	WOOD SIGN SUPPORT	FOOT	270		270	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	184	184		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,849	4,849		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	461	461		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	157	157		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,990	1,990		
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	655	655		
* 78004100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LETTERS AND SYMBOLS	SQ FT	48	48		
* 78004150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 12"	FOOT	184	184		
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,188	1,188		
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	184	184		
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	131	131		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	61	61		
* 78200300	PRISMATIC CURB REFLECTOR	EACH	45	45		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	122	122		
* 81100220	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	380		380	
* 81300210	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 4" X 4"	EACH	8		8	
* 81300420	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	4		4	
* 81603035	UNIT DUCT, 600V, 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	390		390	
* 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	500		500	
* 81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	270		270	
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	370		370	
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	2		2	
* 82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8		8	
* 83057290	LIGHT POLE, WOOD, 50 FOOT, CLASS 4	EACH	1		1	
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	13		13	
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	2		2	
84200700	LIGHTING FOUNDATION REMOVAL	EACH	4		4	
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2		2	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1
89502380	REMOVE EXISTING HANDHOLE	EACH	4			4

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	100% STATE FUNDED			
			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROADWAY J000	TRAFFIC SIGNS Y002-1C	HIGHWAY LIGHTING Y030-1E
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5			5
* A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
* B2001124	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4		
* B2002220	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12		
Z0002750	BARRICADES, TYPE III	EACH	3	3		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
* X0322787	CLEANING EXISTING SANITARY SEWERS	FOOT	1,877	1,877		
* X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4			4
X7040600	FURNISH TEMPORARY CONCRETE BARRIER	FOOT	189	189		
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	626	626		
* X0326688	SIGN FACE SPECIAL	SQ FT	28		28	
X0326689	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (COLORED)	SQ YD	290	290		
* A3005214	TREE, ZELKOVA SERRATA (JAPANESE ZELKOVA), 3" CALIPER, BALLED AND BURLAPPED	EACH	11	11		
* C2C09918	SHRUB, SPIREA X BUNALDA GOLDFLAME (GOLDFLAME SPIREA), 18" HEIGHT, CONTAINER	EACH	10	10		
* K1004467	PERENNIAL PLANTS, ORNAMENTAL (SUMALD) HERBACEOUS TYPE	UNIT	12	12		
* K1004465	PERENNIAL PLANTS, BULBS	UNIT	8	8		
* X0326690	TOPSOIL PLANTING MIX, 12"	SQ YD	213	213		

* DENOTES SPECIALTY ITEM

6/13/2009 10:34:14 AM

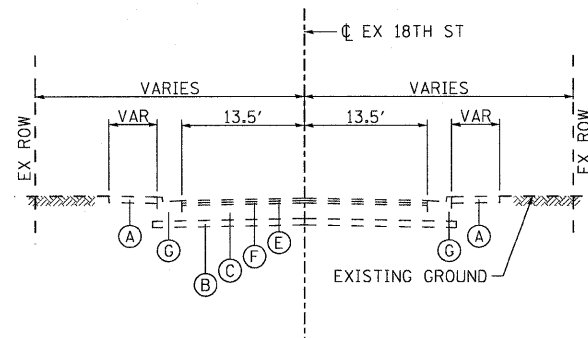
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PLOT SCALE = 1:1	CHECKED - GEB	REVISIONS -	
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISIONS -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

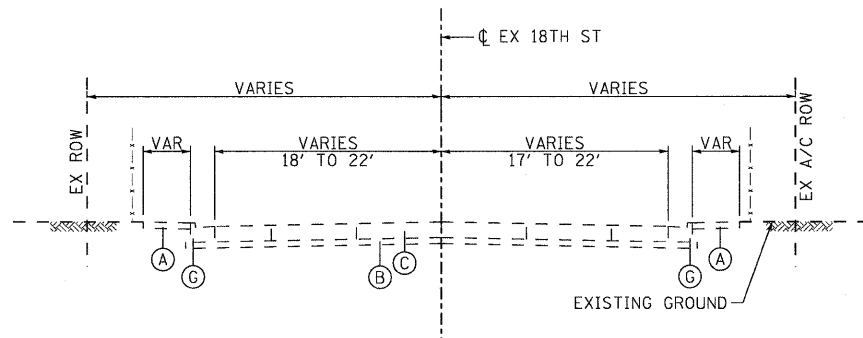
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. ----- TO STA. -----

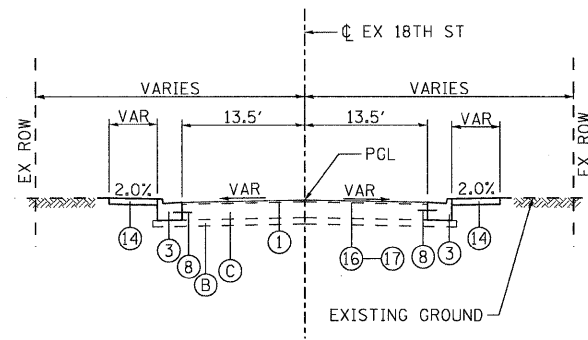
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1-10N	ST. CLAIR	68	6
* 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



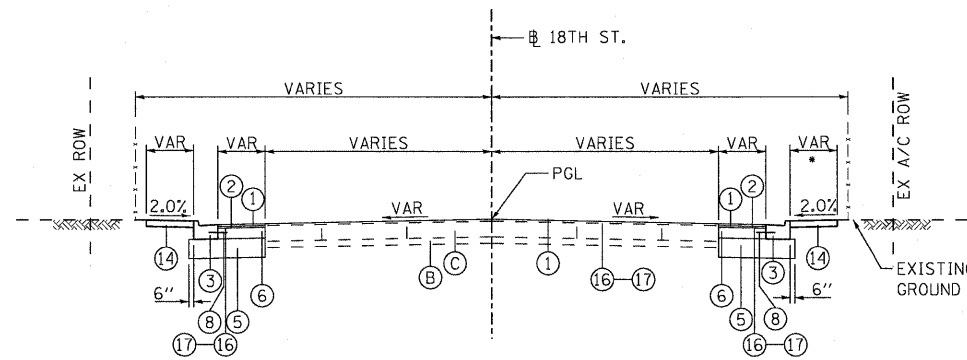
EXISTING 18TH STREET
STA 199+55.12 TO STA 199+79.65



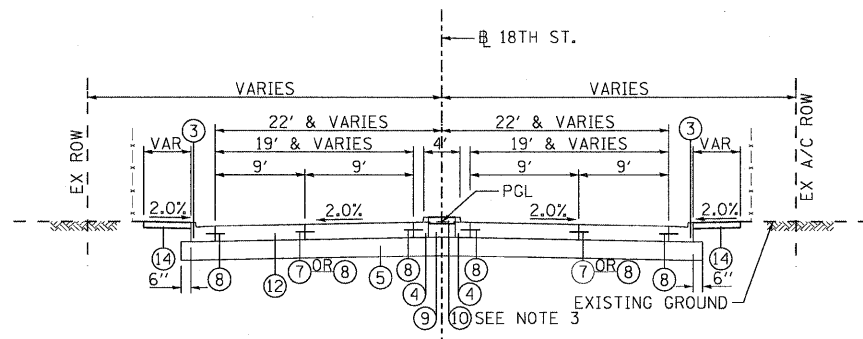
EXISTING 18TH STREET
STA 200+44.82 TO STA 204+90.27
FENCE ENDS AT STA 203+50.62±



PROPOSED 18TH STREET
STA 199+55.12 TO STA 199+79.65



PROPOSED 18TH STREET
STA 200+25.00 TO STA 200+93.12
RIGHT SIDEWALK ENDS STA 200+81.51
TRANSITION TO FEATHEREDGE PURSUANT TO ARTICLE 406.09



PROPOSED 18TH STREET
STA 202+12.61 TO STA 202+73.20
STA 204+38.20 TO STA 204+80.77

EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"±
- (B) SUB-BASE GRANULAR MATERIAL, TYPE A - 4"±
- (C) PORTLAND CEMENT CONCRETE PAVEMENT - 10"±
- (D) CONCRETE CURB
- (E) HMA SURFACE COURSE - 1"±
- (F) HMA BINDER COURSE - 1"±
- (G) COMBINATION CURB AND GUTTER TYPE B-6.24
- (H) CONCRETE MEDIAN SURFACE
- (I) COARSE AGGREGATE
- (J) PORTLAND CEMENT CONCRETE JOINTS
- (K) COMBINATION CURB AND GUTTER TYPE B-6.12

PROPOSED LEGEND:

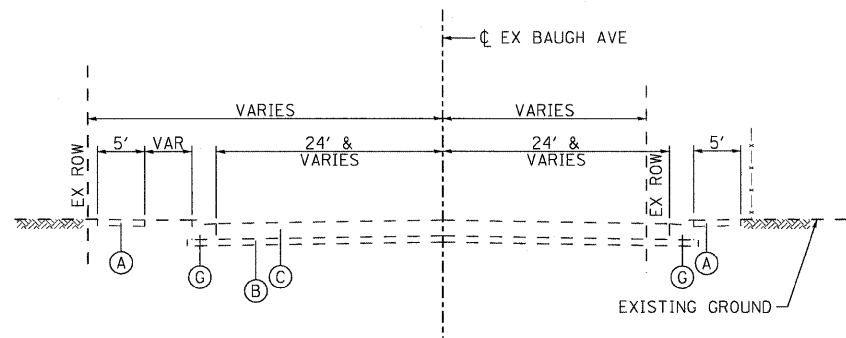
- (1) HMA SURFACE COURSE, MIX "D" N70 - 1 1/4"
- (2) HMA LEVELING BINDER, (MACHINE METHOD) N70 - 1" MINIMUM AND VARIES
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (4) CONCRETE CURB TYPE B-6.12
- (5) AGGREGATE BASE COURSE, TYPE A - 12"
- (6) PORTLAND CEMENT CONCRETE BASE COURSE - 10"
- (7) #6 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (8) #6 TIE BARS, 30" LONG AT 24" C-C (INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (9) COARSE AGGREGATE
- (10) CONCRETE MEDIAN SURFACE - 4"
- (11) LONGITUDINAL JOINT
- (12) PORTLAND CEMENT CONCRETE PAVEMENT - 10" (JOINTED)
- (13) SEEDING AND MULCHING (SEE NOTE 1)
- (14) PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- (15) HMA SURFACE REMOVAL - VARIABLE DEPTH
- (16) BITUMINOUS MATERIALS (PRIME COAT)
- (17) AGGREGATE (PRIME COAT)

NOTES:

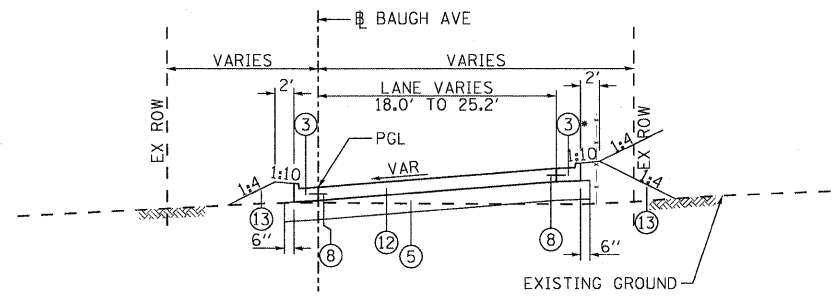
1. SEEDING, CLASS 1B AND MULCH, METHOD 2 SHALL BE USED ON ALL SIDE SLOPES.
2. FOR LIMITS OF CHAIN LINK FENCE, SEE PLAN AND PROFILE SHEETS. LOCATE FENCE POSTS TO AVOID ALL EXISTING UTILITIES.
3. SEE LANDSCAPING PLAN SHEETS FOR MEDIAN PLANTING DETAILS FOR STA. 202+88.20 TO STA. 204+80.77.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	LEVEL BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	----	----
(GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "C"

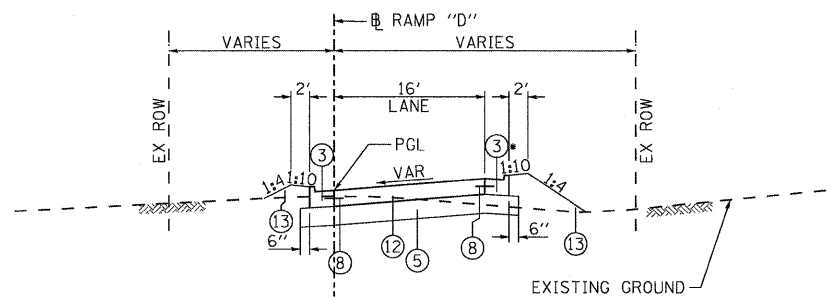


EXISTING BAUGH AVENUE



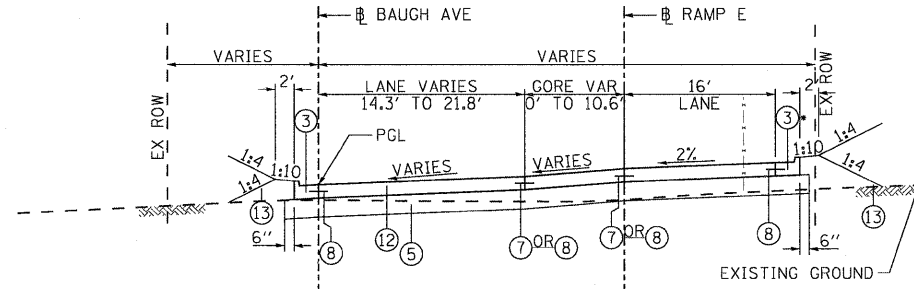
PROPOSED BAUGH AVENUE

STA 11+11.28 TO 11+65.98
 STA 12+54.64 TO STA 13+47.59
 • REVERSE GUTTER PAN SLOPE
 TO MATCH ADJACENT ROADWAY SLOPE



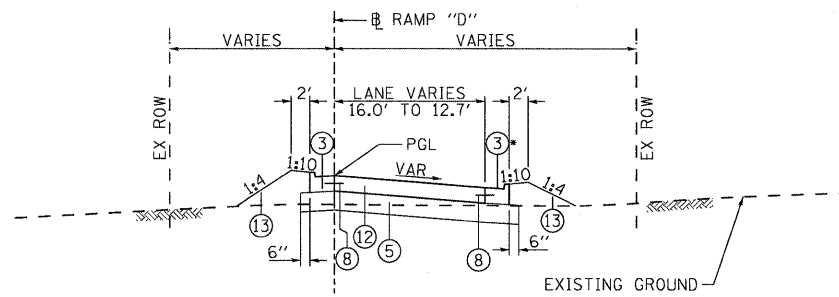
PROPOSED RAMP "D"

STA 400+00.00 TO STA 401+52.52
 • REVERSE GUTTER PAN SLOPE TO
 MATCH ADJACENT ROADWAY SLOPE
 STA 400+00 RT TO 400+95 RT



PROPOSED BAUGH AVENUE

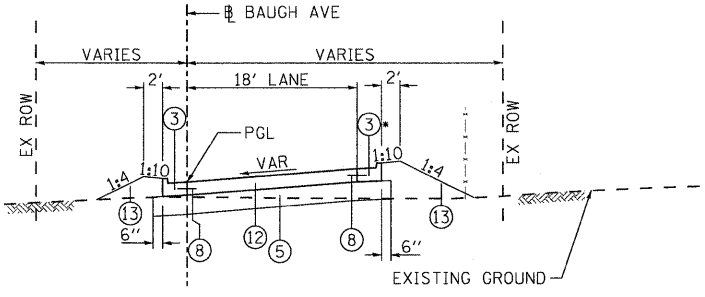
STA 11+65.98 TO 12+54.64
 • REVERSE GUTTER PAN SLOPE
 TO MATCH ADJACENT ROADWAY SLOPE



PROPOSED RAMP "D"

STA 401+52.52 TO STA 403+60.00
 • COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
 ENDS AT STA 403+18.50. COMBINATION CONCRETE CURB
 AND GUTTER B-6.12 BEGINS AT STA 403+18.50.
 TRANSITION CURB AND GUTTER PAID FOR AS TYPE B-6.24.

SUPERELEVATION DATA	
SLOPE	STATION
TRANS. (1.2% LT TO 2% LT)	400+27.22 TO 400+61.81
FULL SUPER (2% LT)	400+61.81 TO 401+02.52
TRANS. (2% LT TO 0%)	401+02.52 TO 401+52.52
TRANS. (0% TO 2% RT)	401+52.52 TO 402+02.52
FULL SUPER (2% RT)	402+02.52 TO 403+52.41



PROPOSED BAUGH AVENUE

STA 13+47.59 TO STA 15+00.00
 • REVERSE GUTTER PAN SLOPE
 TO MATCH ADJACENT ROADWAY SLOPE

SUPERELEVATION DATA	
SLOPE	STATION
FULL SUPER (2% LT)	11+31.28 TO 11+65.98
TRANS. (2% LT TO 3% LT)	11+65.98 TO 12+00.00
FULL SUPER (3% LT)	12+00.00 TO 12+27.31
TRANS. (3% LT TO 2% LT)	12+27.31 TO 12+54.64
FULL SUPER (2% LT)	12+54.64 TO 14+48.57
TRANS. (2% LT TO 1% LT)	14+48.57 TO 14+90.95

EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"±
- (B) SUB-BASE GRANULAR MATERIAL, TYPE A - 4"±
- (C) PORTLAND CEMENT CONCRETE PAVEMENT - 10"±
- (D) CONCRETE CURB
- (E) HMA SURFACE COURSE - 1"±
- (F) HMA BINDER COURSE - 1"±
- (G) COMBINATION CURB AND GUTTER TYPE B-6.24
- (H) CONCRETE MEDIAN SURFACE
- (I) COARSE AGGREGATE
- (J) PORTLAND CEMENT CONCRETE JOINTS
- (K) COMBINATION CURB AND GUTTER TYPE B-6.12

PROPOSED LEGEND:

- (1) HMA SURFACE COURSE, MIX "D" N70 - 1 1/4"
- (2) HMA LEVELING BINDER, (MACHINE METHOD) N70 - 1" MINIMUM AND VARIES
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (4) CONCRETE CURB TYPE B-6.12
- (5) AGGREGATE BASE COURSE, TYPE A - 12"
- (6) PORTLAND CEMENT CONCRETE BASE COURSE - 10"
- (7) #6 TIE BARS, 30" LONG AT 30" C-C
(INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (8) #6 TIE BARS, 30" LONG AT 24" C-C
(INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (9) COARSE AGGREGATE
- (10) CONCRETE MEDIAN SURFACE - 4"
- (11) LONGITUDINAL JOINT
- (12) PORTLAND CEMENT CONCRETE PAVEMENT - 10" (JOINTED)
- (13) SEEDING AND MULCHING (SEE NOTE 1)
- (14) PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- (15) HMA SURFACE REMOVAL - VARIABLE DEPTH
- (16) BITUMINOUS MATERIALS (PRIME COAT)
- (17) AGGREGATE (PRIME COAT)

NOTES:

1. SEEDING, CLASS 1B AND MULCH, METHOD 2 SHALL BE USED ON ALL SIDE SLOPES.
2. FOR LIMITS OF CHAIN LINK FENCE, SEE PLAN AND PROFILE SHEETS. LOCATE FENCE POSTS TO AVOID ALL EXISTING UTILITIES.
3. SEE LANDSCAPING PLAN SHEETS FOR MEDIAN PLANTING DETAILS FOR STA. 202+88.20 TO STA. 204+80.77.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 BAUGH AVENUE & RAMP "D"

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	8
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. ----- TO STA. -----

FILE NAME = DBTRI-76C38-sht-typical101-04.dgn
 USER NAME = jdf
 MODEL NAME = DBTRI-76C38-SHT-TYPICAL-02
 PLOT SCALE = 1:10
 PLOT DATE = 8/13/2009

DESIGNED - LDC
 DRAWN - JDF
 CHECKED - GEB
 DATE - 08/14/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

EXISTING LEGEND:

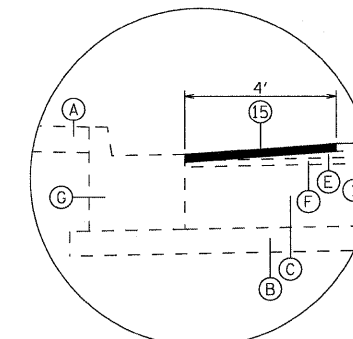
- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"±
- (B) SUB-BASE GRANULAR MATERIAL, TYPE A - 4"±
- (C) PORTLAND CEMENT CONCRETE PAVEMENT - 10"±
- (D) CONCRETE CURB
- (E) HMA SURFACE COURSE - 1"±
- (F) HMA BINDER COURSE - 1"±
- (G) COMBINATION CURB AND GUTTER TYPE B-6.24
- (H) CONCRETE MEDIAN SURFACE
- (I) COARSE AGGREGATE
- (J) PORTLAND CEMENT CONCRETE JOINTS
- (K) COMBINATION CURB AND GUTTER TYPE B-6.12

PROPOSED LEGEND:

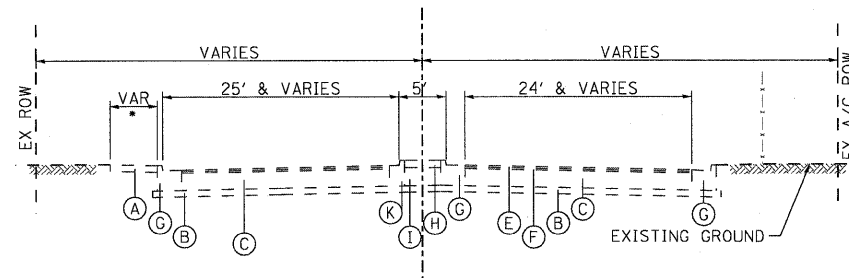
- (1) HMA SURFACE COURSE, MIX "D" N70 - 1 1/4"
- (2) HMA LEVELING BINDER, (MACHINE METHOD) N70 - 1" MINIMUM AND VARIES
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
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- (9) COARSE AGGREGATE
- (10) CONCRETE MEDIAN SURFACE - 4"
- (11) LONGITUDINAL JOINT
- (12) PORTLAND CEMENT CONCRETE PAVEMENT - 10" (JOINTED)
- (13) SEEDING AND MULCHING (SEE NOTE 1)
- (14) PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- (15) HMA SURFACE REMOVAL - VARIABLE DEPTH
- (16) BITUMINOUS MATERIALS (PRIME COAT)
- (17) AGGREGATE (PRIME COAT)

NOTES:

1. SEEDING, CLASS 1B AND MULCH, METHOD 2 SHALL BE USED ON ALL SIDE SLOPES.
2. FOR LIMITS OF CHAIN LINK FENCE, SEE PLAN AND PROFILE SHEETS. LOCATE FENCE POSTS TO AVOID ALL EXISTING UTILITIES.
3. SEE LANDSCAPING PLAN SHEETS FOR MEDIAN PLANTING DETAILS FOR STA. 202+88.20 TO STA. 204+80.77.

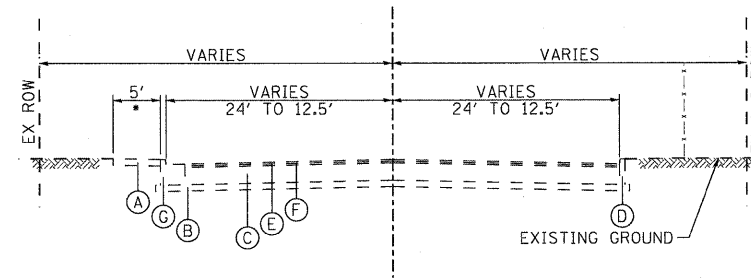


(15) HMA SURFACE REMOVAL - VARIABLE DEPTH SHALL BE 1 1/4" AT EDGE OF PAVEMENT AND 0" AT THE DIMENSION SHOWN IN DETAIL A.



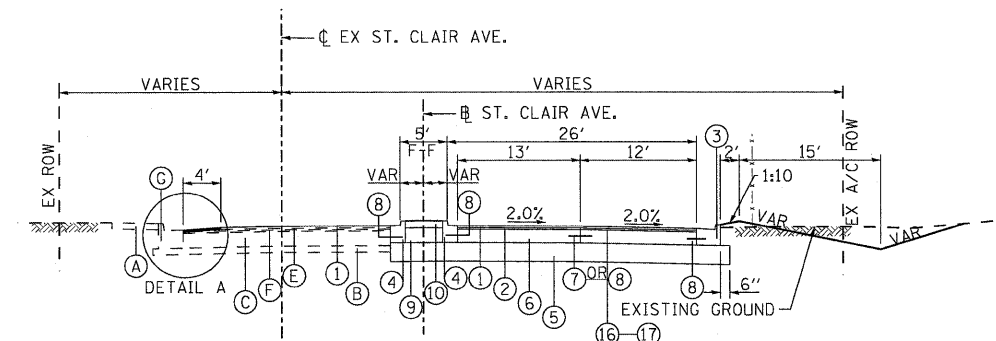
EXISTING ST. CLAIR AVENUE

STA 12+72.08 TO STA 14+20.80
 • LEFT SIDEWALK BEGINS AT STA 12+98.32



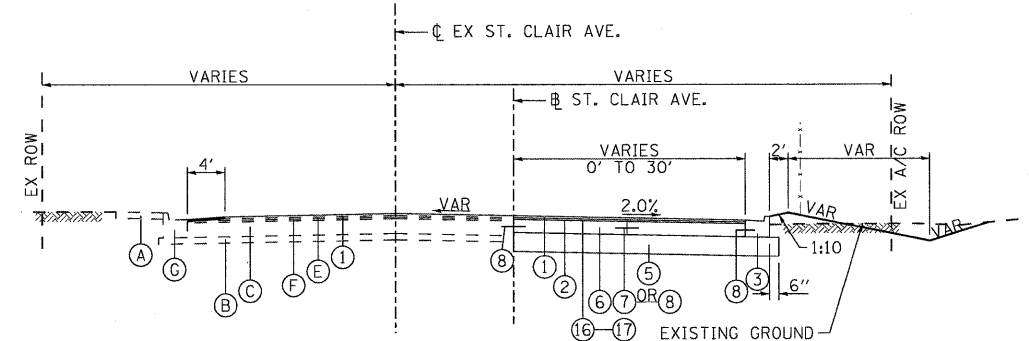
EXISTING ST. CLAIR AVENUE

STA 12+50.00 TO STA 12+72.08
 STA 14+20.80 TO STA 19+71.85
 • LEFT SIDEWALK BEGINS AT STA 15+44.54



PROPOSED ST. CLAIR AVENUE

STA 12+72.08 TO STA 14+25.00
 • LEFT SIDEWALK BEGINS AT STA 13+07.41



PROPOSED ST. CLAIR AVENUE

STA 12+50.00 TO STA 12+72.08
 STA 14+25.00 TO STA 20+30.00
 • LEFT SIDEWALK BEGINS AT STA 13+07.41
 (30:1 TAPER RATE FOR WIDENING OCCURS FROM STA 14+25.00 RT TO STA 16+43.00 RT)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 ST. CLAIR AVENUE

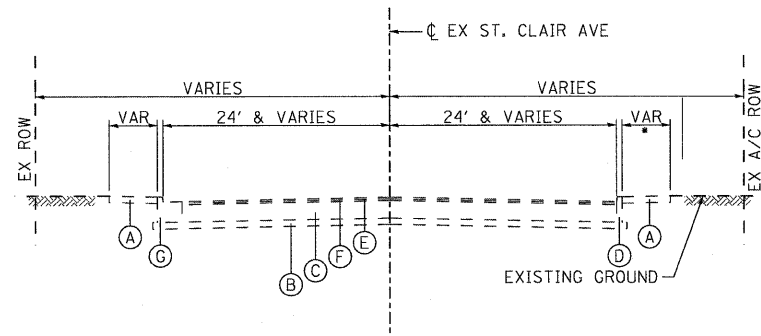
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. ----- TO STA. -----

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 MODEL NAME = D8TRI-76C38-SHT-TYPICAL-03
 PLOT SCALE = 1/10
 PLOT DATE = 8/13/2009

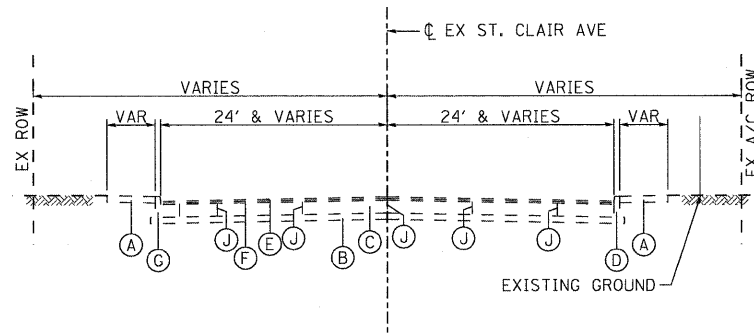
DESIGNED - LDC
 DRAWN - JDF
 CHECKED - GEB
 DATE - 08/14/09

REVISED -
 REVISED -
 REVISED -
 REVISED -



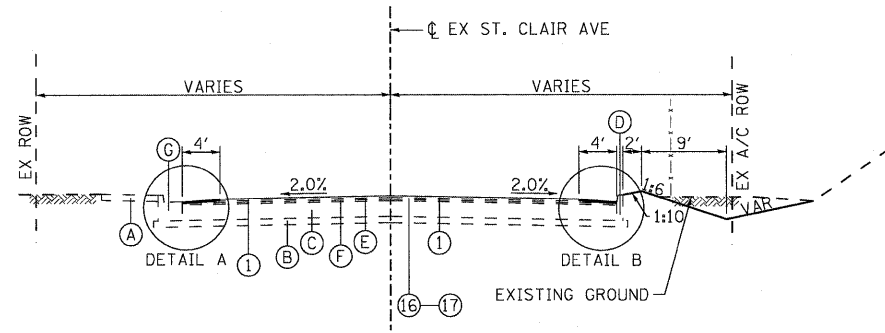
EXISTING ST. CLAIR AVENUE

STA 19+71.85 TO STA 21+10.33
 • RIGHT SIDEWALK BEGINS AT STA 20+79.54



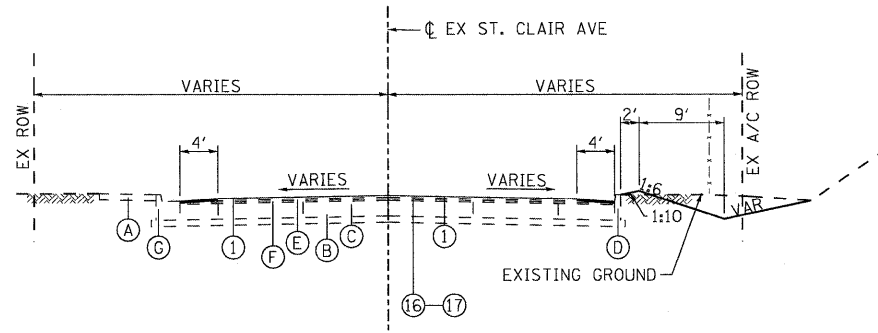
EXISTING ST. CLAIR AVENUE

STA 21+10.33 TO STA 23+76.03



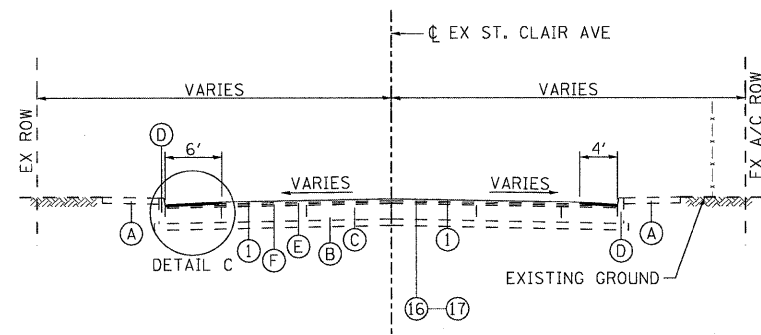
PROPOSED ST. CLAIR AVENUE

STA 20+30.00 TO STA 21+10.33



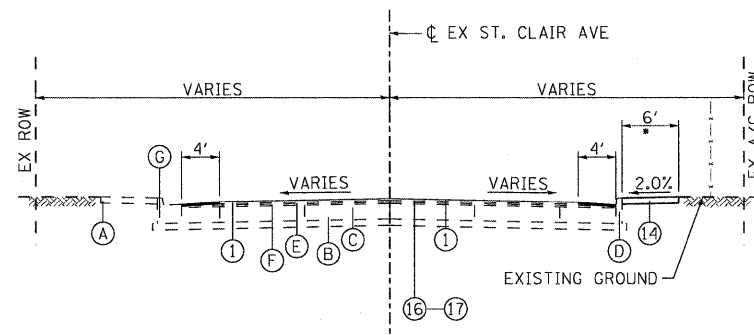
PROPOSED ST. CLAIR AVENUE

STA 21+10.33 TO STA 21+60.00



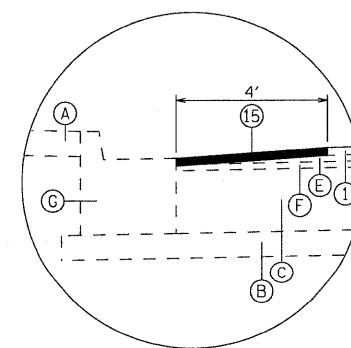
PROPOSED ST. CLAIR AVENUE

STA 21+60.00 TO STA 22+32.77

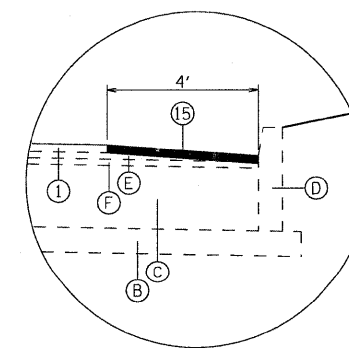


PROPOSED ST. CLAIR AVENUE

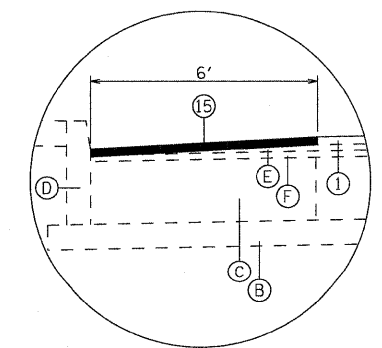
STA 22+32.77 TO STA 23+76.03
 • RIGHT SIDEWALK ENDS AT STA 23+76.02
 • LEFT SIDEWALK ENDS STA 23+26.60



DETAIL A



DETAIL B



DETAIL C

⑮ HMA SURFACE REMOVAL - VARIABLE DEPTH SHALL BE 1 1/4" AT EDGE OF PAVEMENT AND 0" AT THE DIMENSION SHOWN IN DETAIL A, B AND C.

EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"±
- (B) SUB-BASE GRANULAR MATERIAL, TYPE A - 4"±
- (C) PORTLAND CEMENT CONCRETE PAVEMENT - 10"±
- (D) CONCRETE CURB
- (E) HMA SURFACE COURSE - 1"±
- (F) HMA BINDER COURSE - 1"±
- (G) COMBINATION CURB AND GUTTER TYPE B-6.24
- (H) CONCRETE MEDIAN SURFACE
- (I) COARSE AGGREGATE
- (J) PORTLAND CEMENT CONCRETE JOINTS
- (K) COMBINATION CURB AND GUTTER TYPE B-6.12

PROPOSED LEGEND:

- ① HMA SURFACE COURSE, MIX "D" N70 - 1 1/4"
- ② HMA LEVELING BINDER, (MACHINE METHOD) N70 - 1" MINIMUM AND VARIES
- ③ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ④ CONCRETE CURB TYPE B-6.12
- ⑤ AGGREGATE BASE COURSE, TYPE A - 12"
- ⑥ PORTLAND CEMENT CONCRETE BASE COURSE - 10"
- ⑦ #6 TIE BARS, 30" LONG AT 30" C-C
(INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- ⑧ #6 TIE BARS, 30" LONG AT 24" C-C
(INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- ⑨ COARSE AGGREGATE
- ⑩ CONCRETE MEDIAN SURFACE - 4"
- ⑪ LONGITUDINAL JOINT
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT - 10" (JOINTED)
- ⑬ SEEDING AND MULCHING (SEE NOTE 1)
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- ⑮ HMA SURFACE REMOVAL - VARIABLE DEPTH
- ⑯ BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ AGGREGATE (PRIME COAT)

NOTES:

1. SEEDING, CLASS 1B AND MULCH, METHOD 2 SHALL BE USED ON ALL SIDE SLOPES.
2. FOR LIMITS OF CHAIN LINK FENCE, SEE PLAN AND PROFILE SHEETS. LOCATE FENCE POSTS TO AVOID ALL EXISTING UTILITIES.
3. SEE LANDSCAPING PLAN SHEETS FOR MEDIAN PLANTING DETAILS FOR STA. 202+88.20 TO STA. 204+80.77.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 ST. CLAIR AVENUE

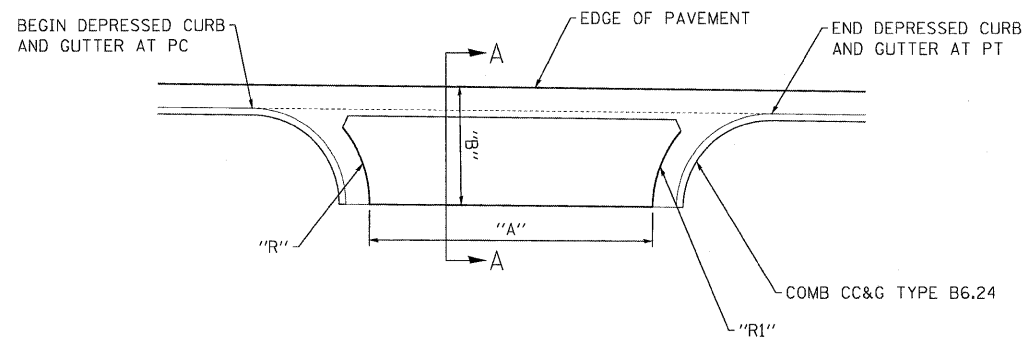
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-10N	ST. CLAIR	68	10
• 9166/9180		CONTRACT NO. 76C38		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. ----- TO STA. -----

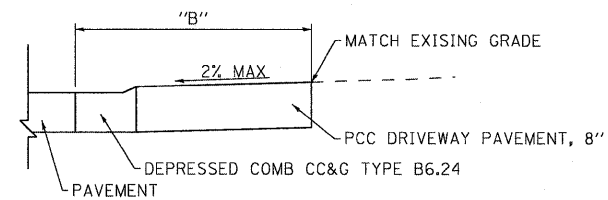
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 PLOT DATE = 8/13/2009
 DESIGNED - LDC
 DRAWN - JDF
 CHECKED - GEB
 DATE - 08/14/09
 REVISED -
 REVISED -
 REVISED -
 REVISED -

ENTRANCE SCHEDULE

STATION	OFFSET	ENTRANCE TYPE	A (FOOT)	B (FOOT)	C	R (FOOT)	R1 (FOOT)	PCC DRIVEWAY PAVT 8 (SQ YD)
BAUGH AVENUE								
13+41.8	LT	CE	22	34		20	20	90
TOTAL								90



TYPICAL COMMERCIAL ENTRANCE DETAIL
(NOT TO SCALE)



SECTION A-A

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 5 SHEETS STA. ----- TO STA. -----

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 9166/9180	82-1-10N	ST. CLAIR	68	11
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C38		

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PLOT SCALE = 1:1		CHECKED - GEB	REVISED -
PLOT DATE = 8/13/2009		DATE - 08/14/09	REVISED -

PAVEMENT MARKING SCHEDULE

STATION	STATION	SHORT-TERM PAVT MKING (FOOT)	WORK ZONE PAVT MK REM (SQ FT)	THPL PVT MK LTR & SYM (SQ FT)	THPL PVT MK LINE 4 (FOOT)	THPL PVT MK LINE 12 (FOOT)	THPL PVT MK LINE 24 (FOOT)	PAINT PVT MK LINE 4 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PREF PL PM TC LTR-SYM (SQ FT)	PREF PL PM TC LINE 12 (FOOT)	POLYUREA PM T1 LN 4 (FOOT)	POLYUREA PM T1 LN 8 (FOOT)	POLYUREA PM T1 LN 12 (EACH)	RAISED REFL PAVT MKR (EACH)	PRISMATIC CURB REFL (EACH)	PAVT MARKING REMOVAL (SQ FT)	PAINT PVT MARK CURB (FOOT)
18TH STREET																		
199+55	205+32				393	136	25	212	159	33	116	1,188		102	11	33		314
BAUGH AVENUE																		
11+11	15+00										36		184	29				
RAMP D																		
400+00	403+60									15	32							
ST. CLAIR AVENUE																		
12+50	23+76	162	54	184	4,456	325	132	1,778	496						50	12	122	312
TOTAL		162	54	184	4,849	461	157	1,990	655	48	184	1,188	184	131	61	45	122	626

PAVEMENT SCHEDULE

STATION	STATION	AGG BASE CSE A 12 (SQ YD)	PCC BASE CSE 10 (SQ YD)	BIT MATLS PR CT (GALLON)	AGG PR CT (TON)	LEV BIND MM N70 (TON)	HMA SURF REM BUTT JT (SQ YD)	TEMPORARY RAMP (SQ YD)	HMA SC "D" N70 (TON)	PCC PVT 10 JOINTED (SQ YD)	PROTECTIVE COAT (SQ YD)	HMA SURF REM VAR DP (SQ YD)	STRIP REF CR CON TR (FOOT)	PCC PVT 10 JTD CLRD (SQ YD)
18TH STREET														
202+06.61	204+90.77	2,047								1,289	1,984			290
BAUGH AVENUE														
11+11.28	15+00.00	1,364								1,103	1,393			
RAMP D														
400+00.00	403+60.00	790								570	800			
ST. CLAIR AVENUE														
12+50.00	23+76.02	2,059	1,629	499	10	92	78	13	466		329	592	1,330	
TOTAL		6,260	1,629	499	10	92	78	13	466	2,961	4,506	592	1,330	290

MANHOLE & VALVE BOX ADJUSTMENT SCHEDULE

STATION	OFFSET	MAN ADJUST (EACH)	MAN ADJ NEW T1F OL (EACH)	MAN ADJ NEW T24F&G (EACH)	VALVE BOX ADJ (EACH)
18TH STREET					
199+64	18.41' LT				1
203+25	0.23' LT	1			
203+46	50.42' LT			1	
204+05	1.29' LT	1			
204+47	10.07' LT				1
BAUGH AVENUE					
11+95	14.42' RT	1			
12+21	46.17' RT	1			
12+60	4.56' RT				1
RAMP D					
401+07	17.84' LT	1			
402+66	12.97' RT		1		
ST. CLAIR AVENUE					
13+00	3.92' LT	1			
13+15	22.04' LT				1
14+88	3.28' LT	1			
16+71	21.77' LT				1
17+04	1.98' LT	1			
17+07	12.50' LT				1
17+18	12.69' LT				1
19+92	0.97' LT	1			
22+54	8.81' LT				1
22+83	0.26' LT	1			
TOTAL		10	1	1	8

SIDEWALK SCHEDULE

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (SQ FT)	PC CONC SIDEWALK 8 (SQ FT)	DETECTABLE WARNINGS (SQ FT)
18TH STREET					
201+94	204+90	LT & RT	2,766	146	160
BAUGH AVENUE					
11+11	15+00	LT	263		20
RAMP D					
400+00	404+04	LT	245		20
ST. CLAIR AVENUE					
12+50	23+76	LT & RT	1,513		60
TOTAL			4,787	146	260

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE (NOTE 3) (CU YD)
18TH STREET					
199+55	204+91	785	589	127	462
BAUGH AVENUE					
11+11	15+00	638	479	276	203
RAMP D					
400+00	403+60	343	257	318	-61
403+60	(NOTE 4)	1	0	91	-90
ST. CLAIR AVENUE					
12+50	23+76	2,234	1,676	51	1,625
TOTAL		4,001	3,001	863	2,138

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- EARTHWORK REQUIRED TO REMOVE EXISTING BAUGH AVENUE TO WB I-64.

SEEDING SCHEDULE

STATION	STATION	SEEDING CL 1B (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (TON)
18TH STREET						
199+55	205+32	0.1	9	9	9	0.2
BAUGH AVENUE						
11+11	15+00	0.4	36	36	36	0.8
RAMP D						
400+00	404+04	0.6	54	54	54	1.2
ST. CLAIR AVENUE						
12+50	23+76	0.3	27	27	27	0.6
TOTAL		1.4	126	126	126	3

SANITARY SEWER CLEANING SCHEDULE

STATION	STATION	OFFSET	DIAMETER (INCHES)	CLEAN EXIST SAN SEWER (FOOT)
18TH STREET				
203+46	203+25	LT	30	55
204+04	205+59	LT	18	154
BAUGH AVENUE				
12+21	15+00	RT	36	290
11+94	204+04 (18TH)	RT & LT	24	356
RAMP D				
204+05 (18TH)	401+07	LT	24	138
ST. CLAIR AVENUE				
19+92	22+83	LT	24	291
22+83	26+13	LT & RT	24	330
26+13	28+76	RT	24	263
TOTAL				1,877

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-10N	ST. CLAIR	68	13
• 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SCALE: NONE SHEET NO. 3 OF 5 SHEETS STA. ----- TO STA. -----

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	DESCRIPTION	SIGN PANEL T1 (SQ FT)	SIGN PANEL T1 SPL (SQ FT)	SIGN PANEL T3 SPL (SQ FT)	SIGN FACE SPECIAL (SQ FT)	METAL POST TY A (SQ FT)	METAL POST TY B (SQ FT)	WOOD SIN SUPPORT (SQ FT)	COMMENT
18TH STREET											
199+58	RT	R1-1	STOP	6.3						15	
199+58	RT	R3-2	LEFT TURN PROHIBITION	4.0							MOUNT WITH R1-1
199+72	LT	R3-1	RIGHT TURN PROHIBITION	4.0				12			
200+64	LT	R1-1	STOP	6.3					13		
201+03	RT	W2-6	CIRCULAR INTERSECTION	6.3						16	
201+03	RT	W13-1	ADVISORY SPEED (20 MPH)	2.3							MOUNT WITH W2-6
201+34	RT	W12-2P	LOW CLEARANCE (14 FT 2 IN)				14.0				MOUNT ON BRIDGE BEAM
202+03	RT	W3-2a	YIELD AHEAD	9.0						15	
202+17	RT	R4-7	KEEP RIGHT	5.0				13			
202+76	RT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
202+76	RT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
202+82	LT	W12-2P	LOW CLEARANCE (14 FT 0 IN)				14.0				MOUNT ON BRIDGE BEAM
202+91	LT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
202+91	LT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
203+03	RT	R1-2	YIELD	3.9					13		
203+03	RT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
203+08	LT	DGS-1	DESTINATION GUIDE SIGN 1		6.0				24		MOUNT ON TWO TYPE B POSTS
203+08	RT	R1-2	YIELD	3.9					13		
203+08	RT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
203+55	RT	R6-1R	ONE WAY	3.0					26		MOUNT ON TWO TYPE B POSTS
203+55	RT	W1-8R	CHEVRON ALIGNMENT (4 EACH)	6.0							
203+70	RT	R6-1R	ONE WAY	3.0					26		MOUNT ON TWO TYPE B POSTS
203+70	RT	W1-8R	CHEVRON ALIGNMENT (4 EACH)	6.0							
203+76	LT	R6-1R	ONE WAY	3.0					26		MOUNT ON TWO TYPE B POSTS
203+76	LT	W1-8R	CHEVRON ALIGNMENT (4 EACH)	6.0							
204+20	RT	R5-2a	NO TRUCKS	4.0				12			
204+25	LT	DGS-1	DESTINATION GUIDE SIGN 1		6.0				24		MOUNT ON TWO TYPE B POSTS
204+26	LT	R1-2	YIELD	3.9					13		
204+26	LT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
204+27	LT	R1-2	YIELD	3.9					13		
204+27	LT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
204+60	RT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
204+60	RT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
204+76	LT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
204+76	LT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
204+77	LT	R4-7	KEEP RIGHT	5.0				13			
205+27	LT	W3-2a	YIELD AHEAD	9.0						15	
206+27	LT	W2-6	CIRCULAR INTERSECTION	6.3						16	
206+27	LT	W13-1	ADVISORY SPEED (20 MPH)	2.3							MOUNT WITH W2-6
207+27	LT	W12-2	LOW CLEARANCE (14 FT 0 IN)	9.0						15	
BAUGH AVENUE											
14+64	LT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
14+64	LT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
14+94	RT	DGS-2	DESTINATION GUIDE SIGN 2		7.5				24		MOUNT ON TWO TYPE B POSTS
RAMP D											
400+30	LT	R1-2	YIELD	3.9					13		
400+30	LT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
400+33	RT	R1-2	YIELD	3.9					13		
400+33	RT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-2
400+70	LT	W11-2	PEDESTRIAN TRAFFIC	6.3						16	
400+70	LT	W16-7pL	LEFT DIAGONAL ARROW PLAQUE	2.0							MOUNT WITH W11-2
401+55	LT	W3-2a	YIELD AHEAD	9.0						15	
401+55	RT	W3-2a	YIELD AHEAD	9.0						15	
402+80	LT	W2-6	CIRCULAR INTERSECTION	6.3						16	
402+80	LT	W13-1	ADVISORY SPEED (20 MPH)	2.3							MOUNT WITH W2-6
402+80	RT	W2-6	CIRCULAR INTERSECTION	6.3						16	
402+80	RT	W13-1	ADVISORY SPEED (20 MPH)	2.3							MOUNT WITH W2-6
404+05	LT	W12-2	LOW CLEARANCE (14 FT 0 IN)	9.0						17	
404+05	LT	W16-6pL	ARROW PLAQUE (ADVANCED LEFT)	3.0							MOUNT WITH W12-2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE

SHEET NO. 4 OF 5 SHEETS

STA. ----- TO STA. -----

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1-10N	ST. CLAIR	68	14
* 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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MODEL NAME = D:\TR1-76C38-sht-schedule-04
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PLOT DATE = 10/1/2009

DESIGNED - LDC
DRAWN -
CHECKED - GEB
DATE - 08/14/09

REVISED -
REVISED -
REVISED -
REVISED -

10/1/2009 11:05:11 AM

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	DESCRIPTION	SIGN PANEL T1 (SQ FT)	SIGN PANEL T1 SPL (SQ FT)	SIGN PANEL T2 (SQ FT)	SIGN FACE SPECIAL (SQ FT)	METAL POST TY A (SQ FT)	METAL POST TY B (SQ FT)	WOOD SIGN SUPPORT (SQ FT)	COMMENT
I-64 WB											
69+00	RT	E13-1	WARNING SIGN			12					MOUNT ON BAUGH AVE SIGN
ST. CLAIR AVENUE											
13+38	LT	W10-1	HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING	6.3					13		
14+20	RT	R4-7	KEEP RIGHT	5.0				13			
20+25	RT	W12-2	LOW CLEARANCE (14 FT 2 IN)	9.0						17	
20+25	RT	W16-6pR	ARROW PLAQUE (ADVANCED RIGHT)	3.0							MOUNT WITH W12-2
21+25	RT	R3-7L	MANDATORY MOVEMENT LANE CONTROL	6.3				13			MOUNT TO THE LEFT OF R3-7R
21+25	RT	R3-7R	MANDATORY MOVEMENT LANE CONTROL	6.3				13			MOUNT TO THE RIGHT OF R3-7L
22+25	RT	R1-1	STOP	6.3					13		
23+26	LT	R1-1	STOP	6.3					13		
23+26	LT	R5-1	DO NOT ENTER	6.3							MOUNT WITH R1-1
23+55	RT	R5-1	DO NOT ENTER	6.3					13		
24+27	LT	W12-2	LOW CLEARANCE (14 FT 2 IN)	9.0						17	
24+27	LT	W16-6pL	ARROW PLAQUE (ADVANCED LEFT)	3.0							MOUNT WITH W12-2
TOTAL				337	20	12	28	89	293	301	

NOTES: 1. ALL STATIONS ARE APPROXIMATE. SIGNS SHALL BE ERECTED ACCORDING TO HIGHWAY STANDARD 720006.
 2. UNLESS OTHERWISE NOTED, ALL SIGNS ARE CONVENTIONAL SIZE SIGNS AS DEFINED BY THE LATEST EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

EROSION CONTROL SCHEDULE

STATION	STATION	TEMP EROS CONTR SEED (POUND)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECT (EACH)
18th STREET				
199+55	205+32	30		11
BAUGH AVENUE				
11+11	15+00	120	395	9
RAMP D				
400+00	403+60	180	804	7
ST. CLAIR AVENUE				
12+50	23+76	90	772	7
TOTAL		420	1,970	34

CURB & GUTTER & MEDIAN SCHEDULE

STATION	STATION	OFFSET (UNIT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.24 (FOOT)	COMB CC&G TB9.12 (FOOT)	COMB CC&G TM2.12 (FOOT)	CONC MEDIAN SURF 4 (SQ FT)
18TH STREET							
199+55	204+91	LT & RT	279	851	88	207	302
BAUGH AVENUE							
11+11	15+00	LT & RT		869			
RAMP D							
400+00	404+04	LT & RT	52	651			
ST. CLAIR AVENUE							
12+50	21+10	LT & RT	312	778			580
TOTAL			643	3,149	88	207	882

NOTES: 1. DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

TREE LOCATION SCHEDULE

STREET	STATION	OFFSET	ZELKOVA SERRATA (EACH)	CERCIS CANADENSIS (EACH)	CRATAEGUS VIRIDIS (EACH)	TAXODIUM DISTICHUM (EACH)
BAUGH AVE	12+07.17	-12.59				1
BAUGH AVE	12+61.15	-14.85				1
BAUGH AVE	13+07.31	-22.92				1
BAUGH AVE	13+11.97	26.75	1			
BAUGH AVE	13+60.27	22.94	1			
BAUGH AVE	13+85.52	-15.99	1			
BAUGH AVE	14+05.11	22.36	1			
BAUGH AVE	14+27.79	-17.18	1			
BAUGH AVE	14+67.41	-18.94			1	
BAUGH AVE	14+73.22	29.16			1	
BAUGH AVE	14+86.09	35.59			1	
BAUGH AVE	14+88.26	-34.84			1	
BAUGH AVE	14+97.11	44.47			1	
18TH STREET	204+14.14	-46.63			1	
18TH STREET	204+56.15	17.84		1		
18TH STREET	204+56.26	-20.68		1		
18TH STREET	204+76.99	-20.81		1		
18TH STREET	204+77.31	17.34		1		
RAMP D	400+09.43	-16.32			1	
RAMP D	400+25.05	-24.96			1	
RAMP D	400+39.94	54.46			1	
RAMP D	400+41.98	-13.02			1	
RAMP D	400+45.49	46.06			1	
RAMP D	400+55.65	33.91			1	
RAMP D	401+05.13	23.25	1			
RAMP D	401+24.75	-8.83	1			
RAMP D	401+48.88	28.34	1			
RAMP D	401+64.66	-12.46	1			
RAMP D	401+94.60	27.79	1			
RAMP D	402+37.13	26.77	1			
TOTAL			11	4	12	3

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 5 SHEETS STA. ----- TO STA. -----

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1-10N	ST. CLAIR	68	15
* 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

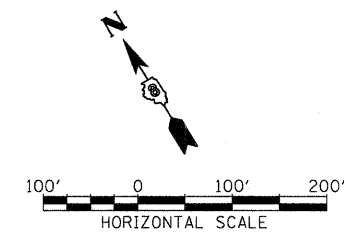
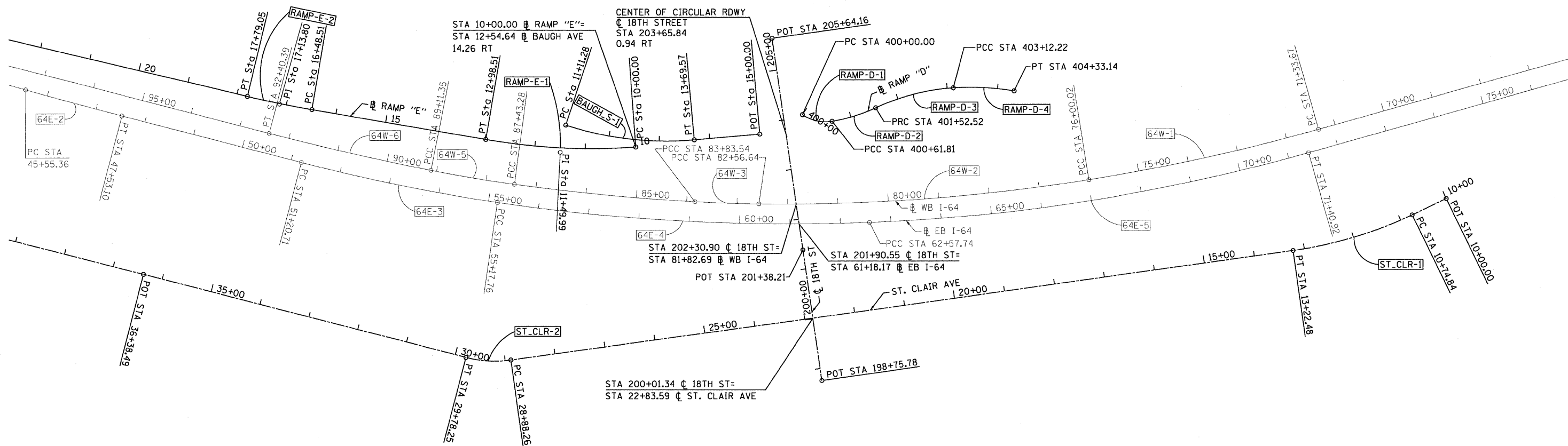
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PLOT SCALE = 1:1	DATE - 08/14/09	REVISOR -	REVISOR -
PLOT DATE = 10/1/2009	DATE - 08/14/09	REVISOR -	REVISOR -

P:\08-0030 CTE TRI\LEVEL\900_CAD\901_DRAWING\04_CONTRACT\SHEET\CTV1\GENERAL\D8TRI-76C38-SHY-SCHEDULE-01-05.DGN

PROP. CURVE 64E-3 PI STA. = 53+19.44 Δ = 6° 19' 10" (LT) D = 1° 35' 30" R = 3,600.00' T = 198.73' L = 397.06' E = 5.48' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 51+20.71 P.T. STA = 55+17.76	PROP. CURVE 64E-4 PI STA. = 58+88.81 Δ = 10° 35' 58" (LT) D = 1° 25' 57" R = 4,000.00' T = 371.05' L = 739.97' E = 17.17' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 55+17.76 P.T. STA = 62+57.74	PROP. CURVE 64E-5 PI STA. = 67+01.39 Δ = 13° 31' 16" (LT) D = 1° 31' 51" R = 3,742.50' T = 443.65' L = 883.18' E = 26.20' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 62+57.74 P.T. STA = 71+40.92	PROP. CURVE ST_CLR-1 PI STA. = 11+99.66 Δ = 17° 44' 08" (RT) D = 7° 09' 43" R = 800.00' T = 124.82' L = 247.64' E = 9.68' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 10+74.84 P.T. STA = 13+22.48	PROP. CURVE ST_CLR-2 PI STA. = 29+33.84 Δ = 22° 25' 05" (RT) D = 24° 54' 40" R = 230.00' T = 45.58' L = 89.99' E = 4.47' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 28+88.26 P.T. STA = 29+78.25	PROP. CURVE BAUGH-S-1 PI STA. = 12+42.25 Δ = 23° 23' 50" (LT) D = 9° 03' 32" R = 632.49' T = 130.97' L = 258.28' E = 13.42' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 11+11.28 P.T. STA = 13+69.57	PROP. CURVE RAMP-D-1 PI STA. = 400+32.53 Δ = 44° 06' 43" (LT) D = 71° 22' 07" R = 80.28' T = 32.53' L = 61.81' E = 6.34' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 400+00.00 P.T. STA = 400+61.81	PROP. CURVE RAMP-D-2 PI STA. = 401+07.44 Δ = 15° 33' 38" (LT) D = 17° 09' 16" R = 334.00' T = 45.63' L = 90.71' E = 3.10' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 400+61.81 P.T. STA = 401+52.52	PROP. CURVE RAMP-E-1 PI STA. = 11+49.99 Δ = 13° 51' 37" (RT) D = 4° 38' 35" R = 1,234.00' T = 149.99' L = 298.51' E = 9.08' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 10+00.00 P.T. STA = 12+98.51
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PROP. CURVE 64W-1 PI STA. = 73+67.12 Δ = 6° 45' 48" (RT) D = 1° 27' 01" R = 3,950.66' T = 233.44' L = 466.34' E = 6.89' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 71+33.67 P.T. STA = 76+00.02	PROP. CURVE 64W-2 PI STA. = 79+29.11 Δ = 9° 39' 54" (RT) D = 1° 28' 19" R = 3,892.58' T = 329.09' L = 656.62' E = 13.89' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 76+00.02 P.T. STA = 82+56.64	PROP. CURVE 64W-3 PI STA. = 83+20.10 Δ = 2° 30' 26" (RT) D = 1° 58' 33" R = 2,900.00' T = 63.46' L = 126.91' E = 0.69' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 82+56.64 P.T. STA = 83+83.54	PROP. CURVE 64W-4 PI STA. = 85+63.51 Δ = 4° 34' 49" (RT) D = 1° 16' 24" R = 4,500.00' T = 179.97' L = 359.74' E = 3.60' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 83+83.54 P.T. STA = 87+43.28	PROP. CURVE 64W-5 PI STA. = 88+27.34 Δ = 3° 30' 05" (RT) D = 2° 05' 01" R = 2,750.00' T = 84.06' L = 168.06' E = 1.28' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 87+43.28 P.T. STA = 89+11.35	PROP. CURVE 64W-6 PI STA. = 90+75.92 Δ = 3° 21' 59" (RT) D = 1° 01' 23" R = 5,600.16' T = 164.57' L = 329.05' E = 2.42' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 89+11.35 P.T. STA = 92+40.39	PROP. CURVE RAMP-D-3 PI STA. = 402+33.30 Δ = 21° 16' 45" (RT) D = 13° 19' 29" R = 430.00' T = 80.78' L = 159.70' E = 7.52' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 401+52.52 P.T. STA = 403+12.22	PROP. CURVE RAMP-D-4 PI STA. = 403+72.94 Δ = 12° 57' 43" (RT) D = 10° 43' 07" R = 534.54' T = 60.72' L = 120.93' E = 3.44' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 403+12.22 P.T. STA = 404+33.14	PROP. CURVE RAMP-E-2 PI STA. = 17+13.80 Δ = 3° 44' 23" (RT) D = 2° 51' 53" R = 2,000.00' T = 65.29' L = 130.54' E = 1.07' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 16+48.51 P.T. STA = 17+79.05
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FILE NAME = DBTRI-76C38-shf-aligntiebm-01-03.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-shf-aligntiebm-01 PLOT SCALE = 1:100 PLOT DATE = 8/13/2009	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS		F.A.U. RTE. =	SECTION = 82-1-10N	COUNTY = ST. CLAIR	TOTAL SHEETS = 68	SHEET NO. = 16
	DRAWN - JDF	REVISED -				• 9166/9180	CONTRACT NO. 76C38			
	CHECKED - GEB	REVISED -				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
	DATE - 08/14/09	REVISED -				SCALE: 1"=100' SHEET NO. 1 OF 3 SHEETS STA. ----- TO STA. -----				

COORDINATE TABLE

18TH STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		198+75.78	14,038,575.53	2,458,632.79
POT		200+01.34	14,038,691.20	2,458,681.66
POT		201+38.21	14,038,817.27	2,458,734.92
POT		205+64.16	14,039,209.64	2,458,900.70
BAUGH AVENUE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	BAUGH_S-1	11+11.28	14,039,273.11	2,458,461.07
PI	BAUGH_S-1	12+42.25	14,039,173.63	2,458,546.25
PT	BAUGH_S-1	13+69.57	14,039,116.16	2,458,663.93
POT		15+00.00	14,039,058.92	2,458,781.13
RAMP "D"				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RAMP-D-1	400+00.00	14,039,048.65	2,458,873.67
PI	RAMP-D-1	400+32.53	14,039,018.96	2,458,886.96
PCC	RAMP-D-1	400+61.81	14,039,006.90	2,458,917.16
PI	RAMP-D-2	401+07.44	14,038,989.97	2,458,959.54
PRC	RAMP-D-2	401+52.52	14,038,985.04	2,459,004.91
PI	RAMP-D-3	402+33.30	14,038,976.30	2,459,085.22
PCC	RAMP-D-3	403+12.22	14,038,939.02	2,459,156.88
PI	RAMP-D-4	403+72.94	14,038,910.99	2,459,210.75
PT	RAMP-D-4	404+33.14	14,038,871.59	2,459,256.96
ST. CLAIR				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		10+00.00	14,038,245.68	2,459,879.01
PC	ST_CLR-1	10+74.84	14,038,252.73	2,459,804.50
PI	ST_CLR-1	11+99.66	14,038,264.48	2,459,680.24
PT	ST_CLR-1	13+22.48	14,038,313.53	2,459,565.46
POT		22+83.59	14,038,691.20	2,458,681.66
PC	ST_CLR-2	28+88.26	14,038,928.80	2,458,125.63
PI	ST_CLR-2	29+33.84	14,038,946.71	2,458,083.72
PT	ST_CLR-2	29+78.25	14,038,979.25	2,458,051.81
POT		36+38.49	14,039,450.62	2,457,589.50

NOTES:
 PCC POINT OF COMPOUND CURVATURE
 PRC POINT OF REVERSE CURVATURE

BENCHMARKS

MONUMENT	ELEVATION	DESCRIPTION
BM WAR 1	400.21	CHSLD "SQUARE" SOUTH EASTERLY EDGE METAL HANDHOLD SOUTH SIDE I-64 EB 100' EAST OF METROLINK BRIDGE
BM WAR 3	400.28	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE SOUTH SIDE OF I-64 EB 75' EAST OF 15TH STREET BRIDGE
BM WAR 4	415.92	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE NORTH SIDE I-64 WB 500' EAST OF 15TH STREET BRIDGE
BM WAR 5	404.00	CHSLD "SQUARE" NORTH CONCRETE FOUNDATION OF SIGN TRUSS OVER I-64 WB 75' EAST OF 15TH STREET BRIDGE
BM WAR 6	397.84	CHSLD "SQUARE" CONCRETE FOUNDATION OF LIGHT POLE NORTH SIDE OF I-64 WB 50' EAST OF METROLINK BRIDGE
BM DAS 1	415.20	CHSLD "SQUARE" SW CORNER OF LIGHT POLE FOUNDATION NE QUADRANT ST. CLAIR AVENUE & 18TH STREET
BM DAS 2	418.77	CHSLD "SQUARE" SOUTHERLY CAP BOLT OF FIRE HYDRANT NE QUADRANT OF 18TH STREET & BAUGH AVENUE
BM 0017-10	417.08	CUT "X" ON NORTHERLY CAP BOLT OF FIRE HYDRANT NORTH SIDE OF BAUGH AVENUE, 1000' EAST OF 15TH STREET
BM DAS 3	416.26	CUT "X" ON NORTHERLY CAP BOLT OF FIRE HYDRANT NORTH SIDE OF BAUGH AVENUE, 400' EAST OF 15TH STREET
BM DAS 4	415.74	CHSLD "SQUARE" SE COR. OF TRAFFIC SIGNAL FOUNDATION NW QUADRANT BAUGH AVENUE & 15TH STREET
BM RFS 6	416.49	CHSLD "X" IN CAP BOLT OF FIRE HYDRANT CLOSEST TO ST. CLAIR AVENUE AT INTERSECTION ST. CLAIR AVENUE & 13TH STREET
BM RFS 7	416.29	CHSLD "X" IN CAP BOLT OF FIRE HYDRANT AT INT ST. CLAIR AVENUE & 14TH STREET
BM DM 18	414.02	DAVID MASON MONUMENT #18
BM RFS 20	415.29	CUT "X" ON NORTHERLY CAP BOLT OF FIRE HYDRANT SW QUADRANT ST. CLAIR AVENUE & 16TH STREET
BM CSL 1	419.360	CUT "X" NORTH CAP BOLT OF FIRE HYDRANT SW QUADRANT ST. CLAIR AVENUE & 19TH STREET

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

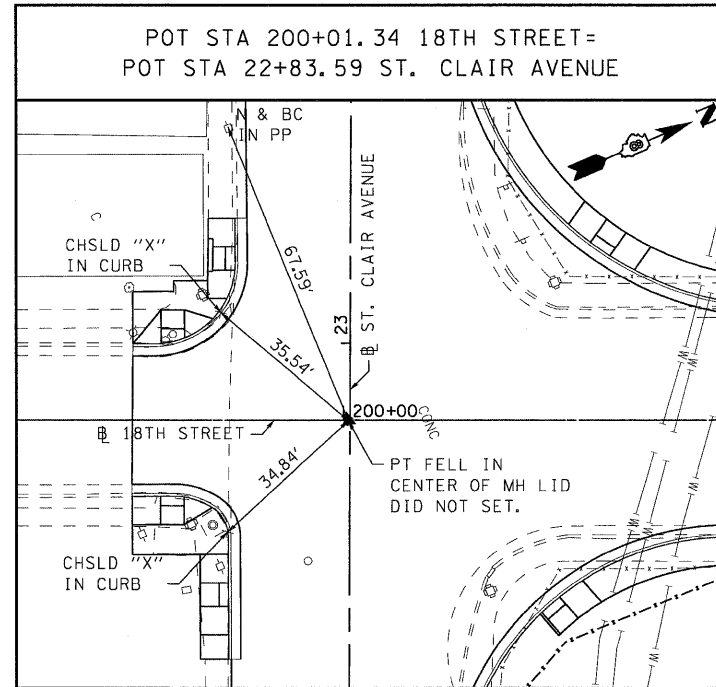
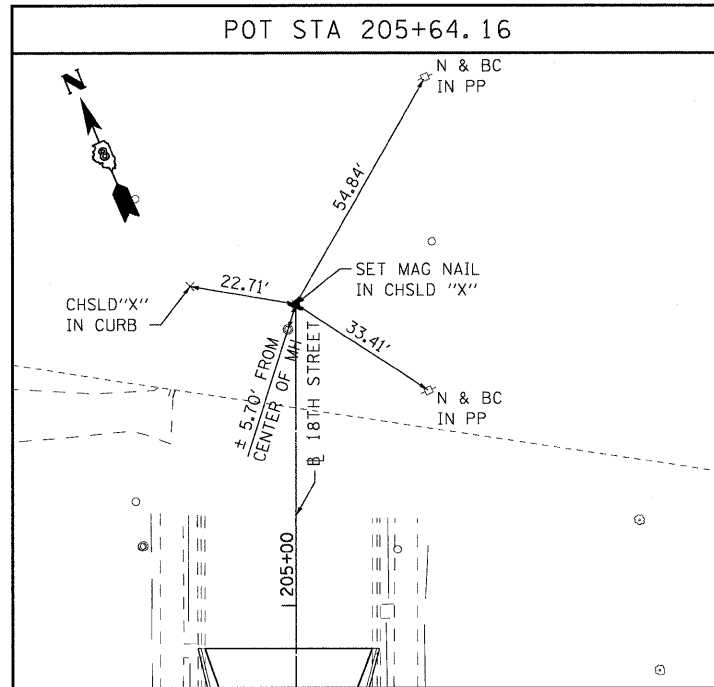
ALIGNMENTS, TIES, AND BENCHMARKS

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	SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. ----- TO STA. -----	9166/9180 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

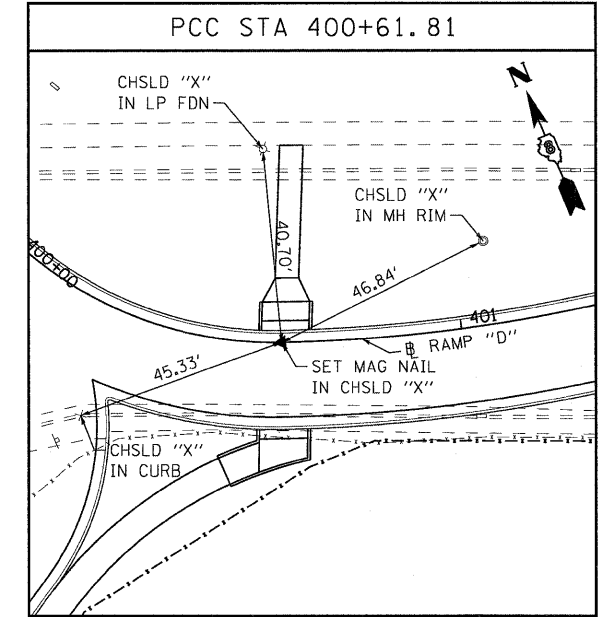
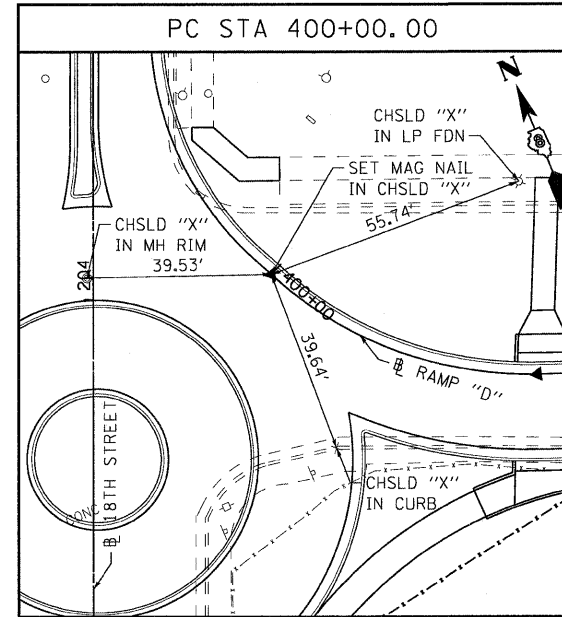
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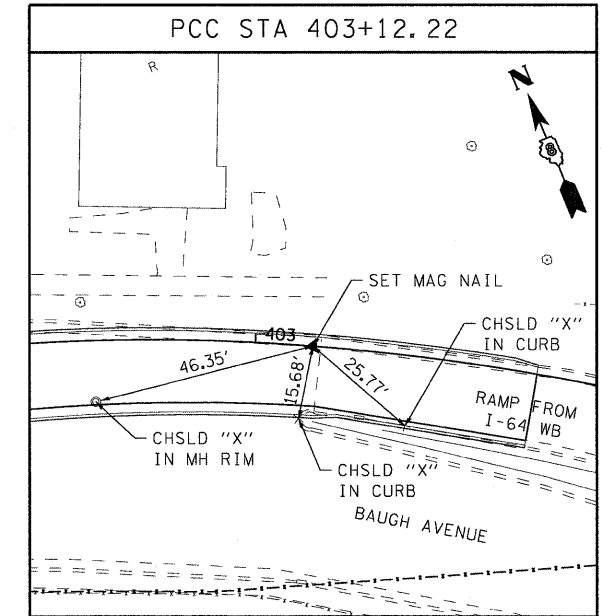
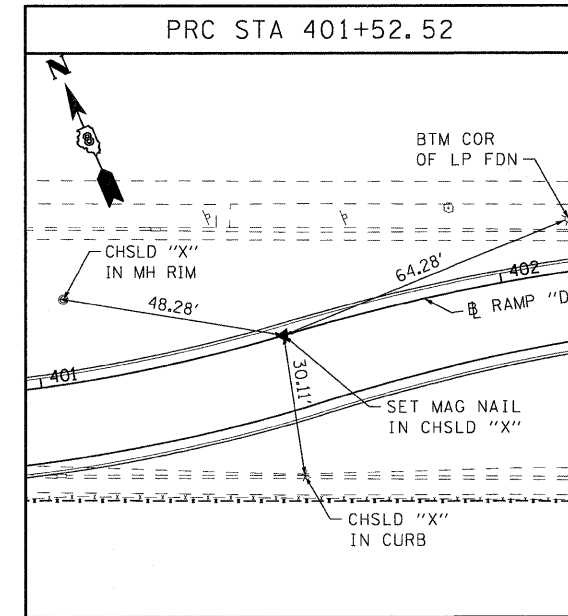
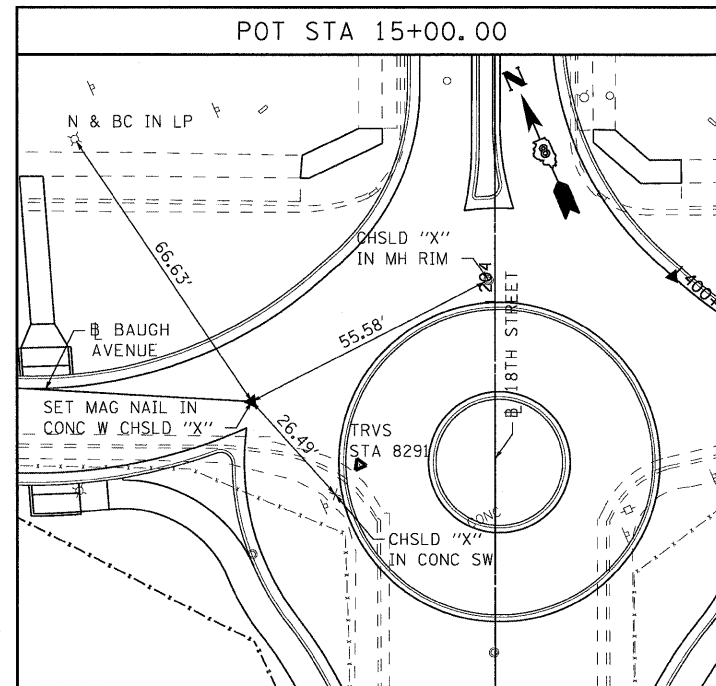
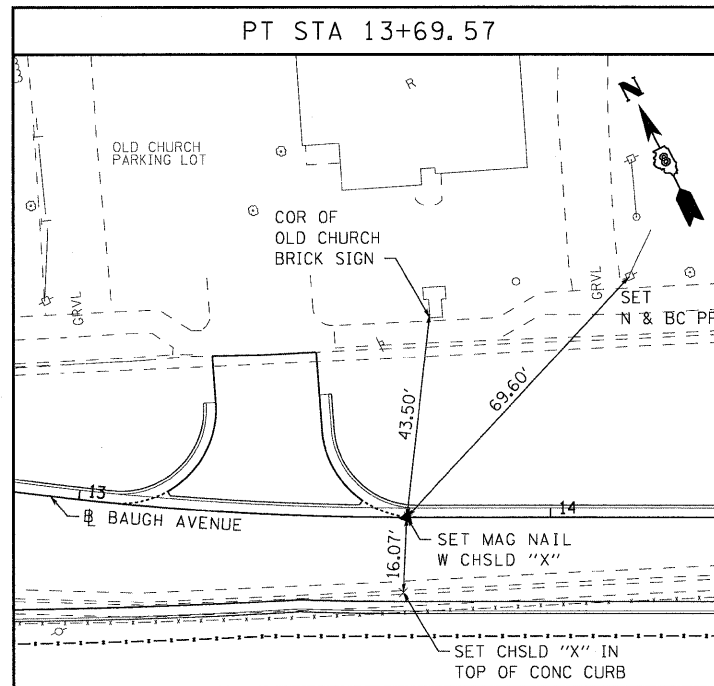
18TH STREET CENTERLINE



RAMP "D"



BAUGH AVENUE BASELINE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

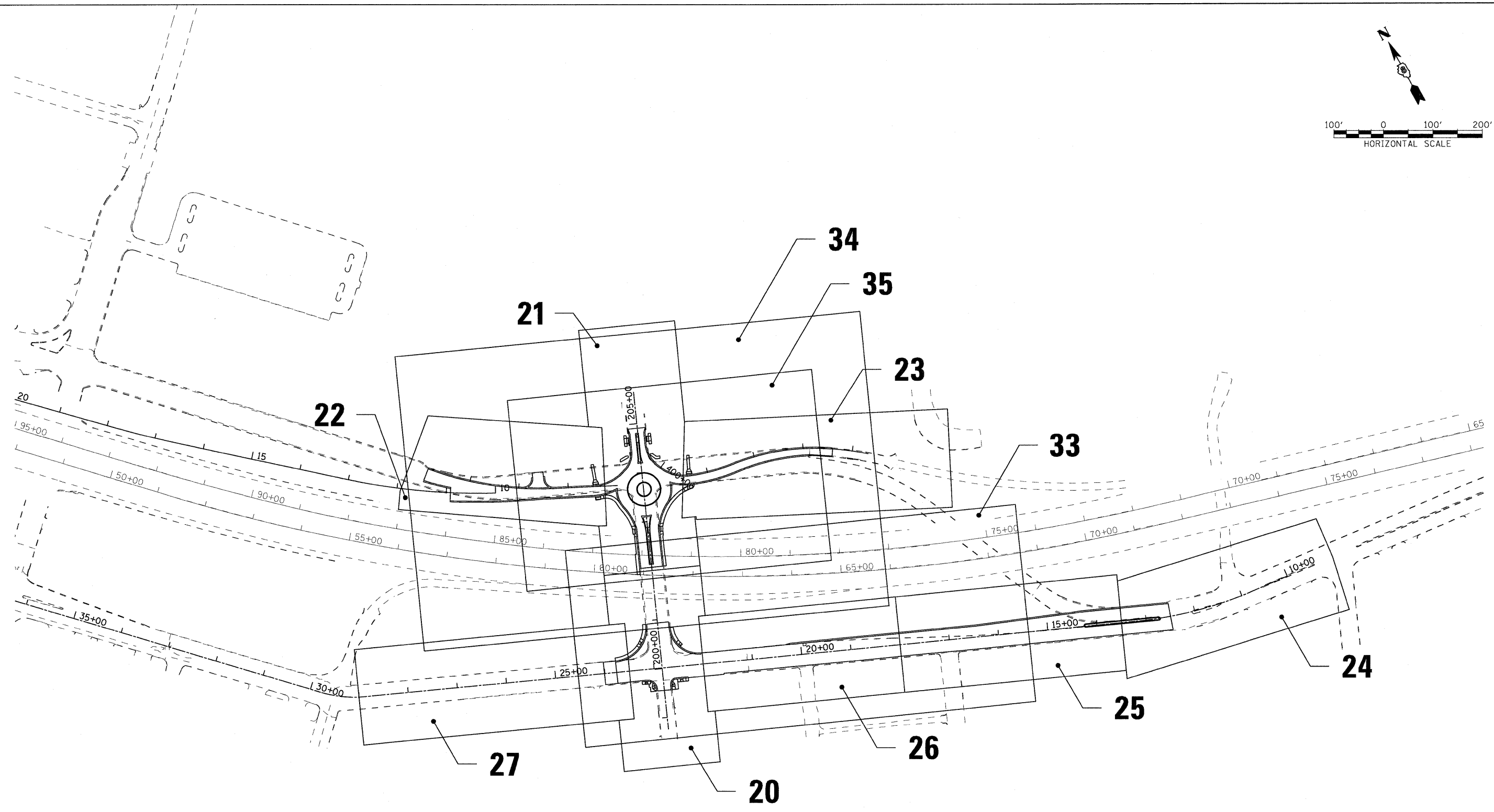
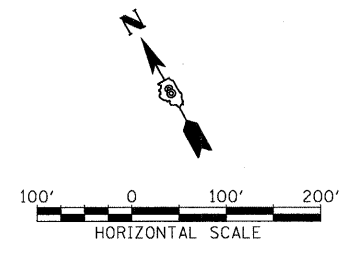
ALIGNMENT, TIES, AND BENCHMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-10N	ST. CLAIR	68	18
•	9166/9180	CONTRACT NO. 76C38		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. ----- TO STA. -----

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PLOT DATE = 8/13/2009		DATE - 08/14/09	REVISIONS -

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8/13/2009 10:36:57 AM

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PLOT SCALE = 1:100	CHECKED - GEB	REVISOR -	REVISOR -
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

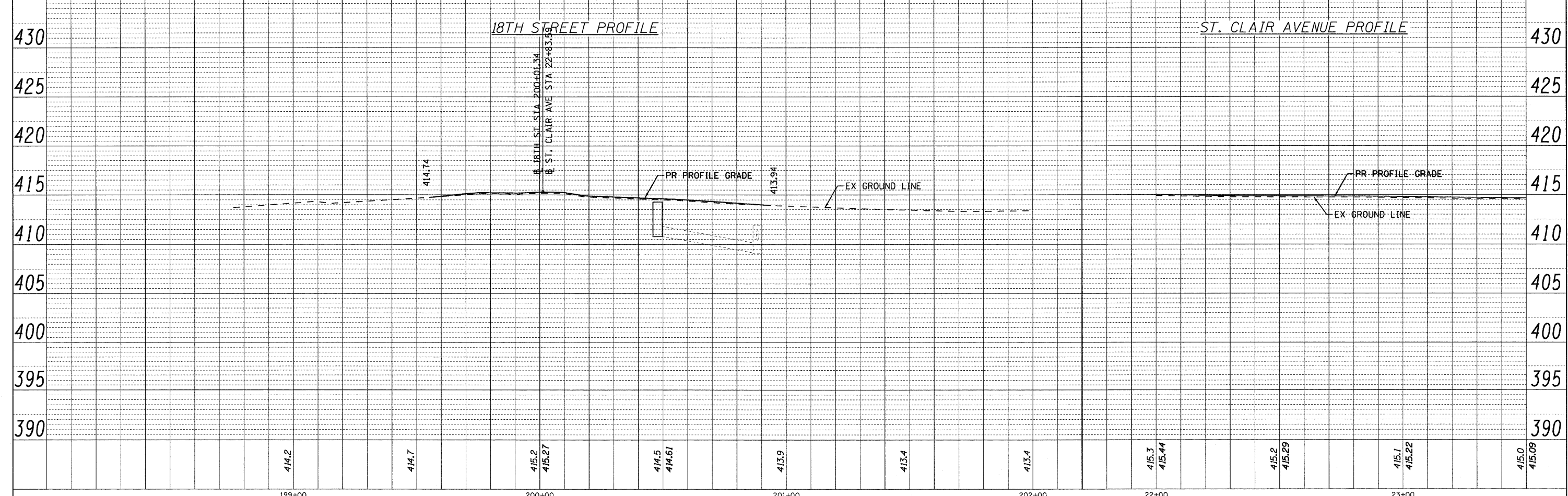
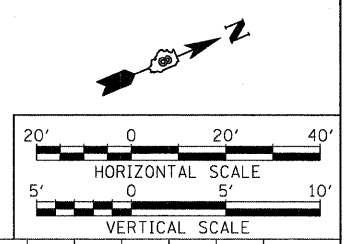
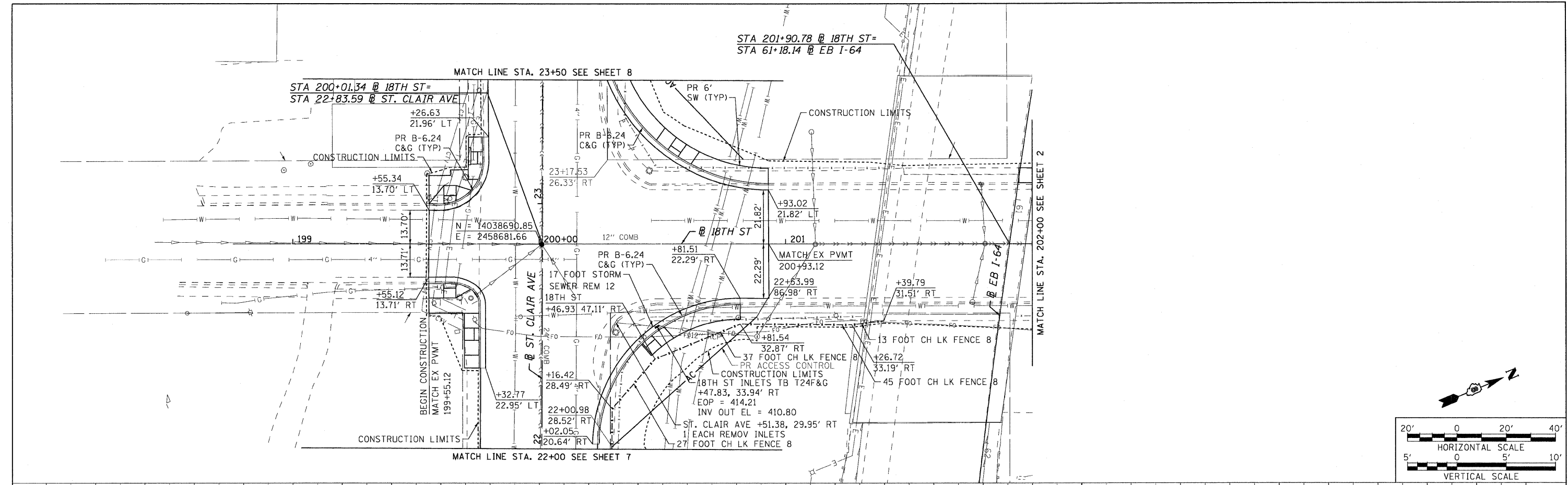
ROADWAY KEY PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	19
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76C38	

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

PROFILE SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. OF WAY CHECKED
 NO. STRUCTURE NOTATIONS CIVIL



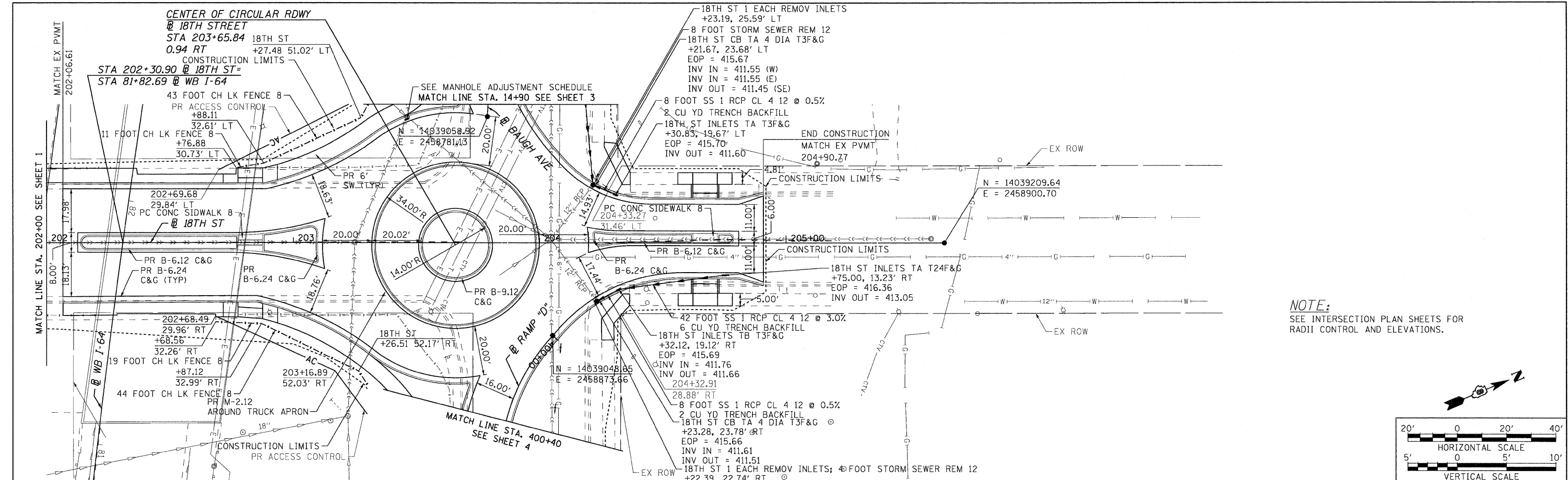
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MODEL NAME = DBTRI-76C38-sht-plnpro-01	DRAWN - JDF	CHECKED - GEB	REVISED -		• 9166/9180	82-1-10N	ST. CLAIR	68	20		
PLOT SCALE = 1:20	DATE = 08/14/09	REVISOR -	REVISOR -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C38				
PLOT DATE = 8/13/2009					SCALE: 1"=20'	SHEET NO. 1 OF 8 SHEETS	STA. 199+00.00 TO STA. 202+00.00				

8/13/2009 10:37:43 AM

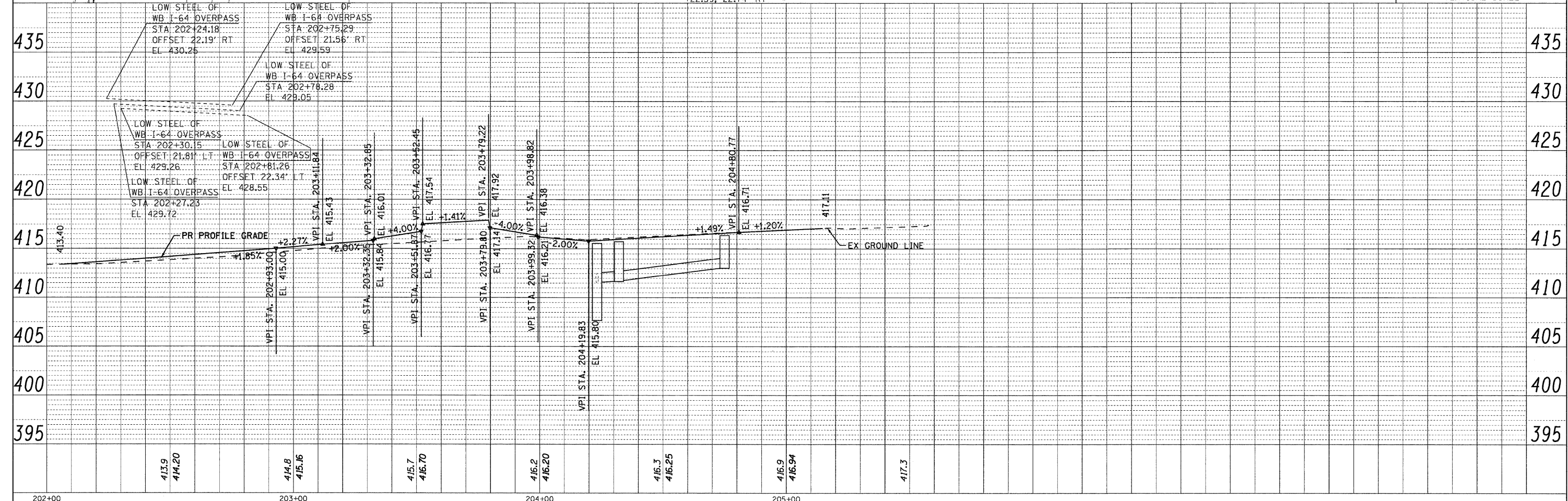
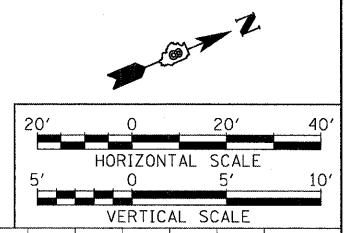
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RTY. OF WAY		
	NO.		
	STRUCTURE		
	NOTATIONS		
	CD		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
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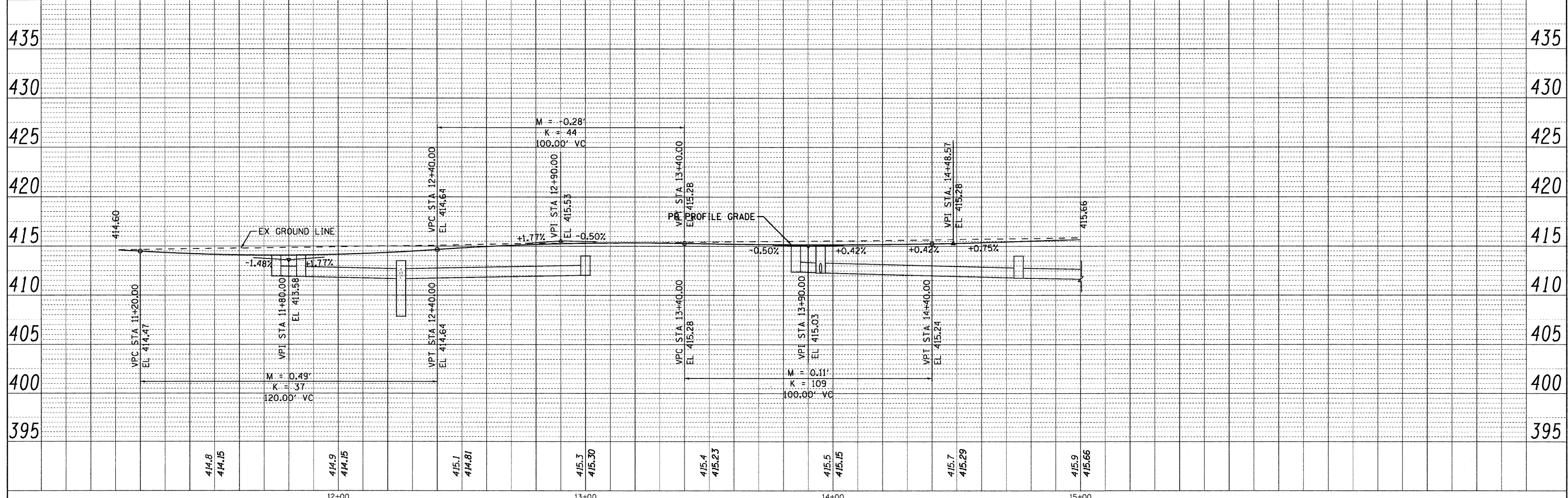
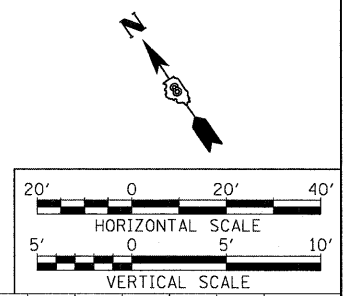
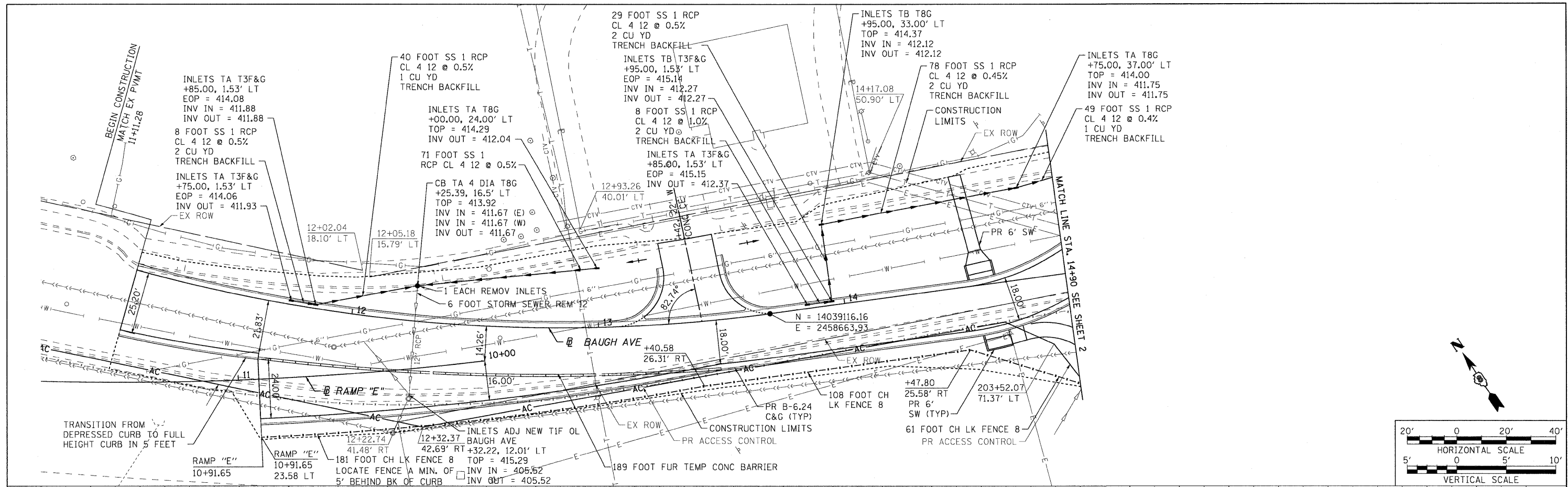
NOTE:
SEE INTERSECTION PLAN SHEETS FOR
RADI CONTROL AND ELEVATIONS.



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PLOT SCALE = 1:20	CHECKED - GEB	REVISIED -	SCALE: 1"=20'			SHEET NO. 2 OF 8 SHEETS	CONTRACT NO. 76C38			
PLOT DATE = 8/13/2009	DATE = 08/14/09	REVISIED -	STA. 202+00.00 TO STA. 205+65.00			FED. ROAD DIST. NO. = 9166/9180	ILLINOIS FED. AID PROJECT			
8/13/2009 10:37:45 AM										

PLAN	SURVEYED	DATE
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NO.	CHECKED	
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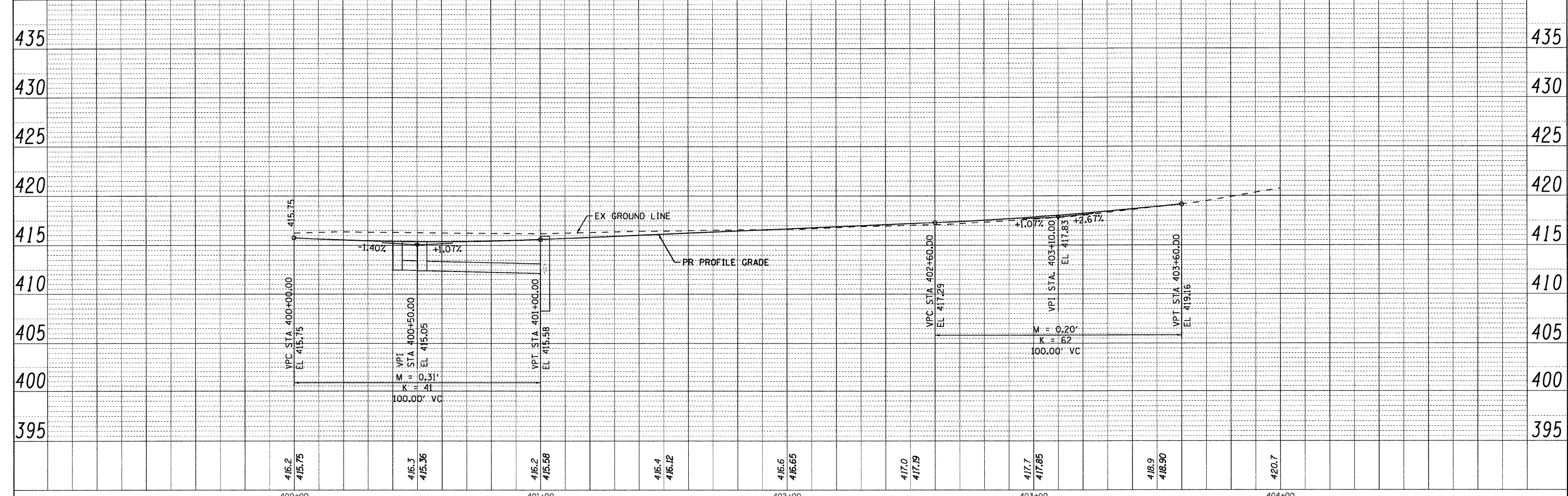
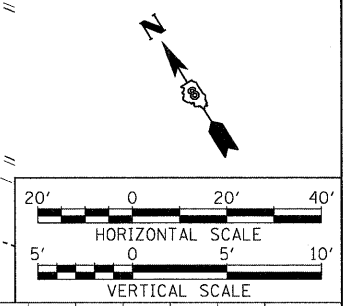
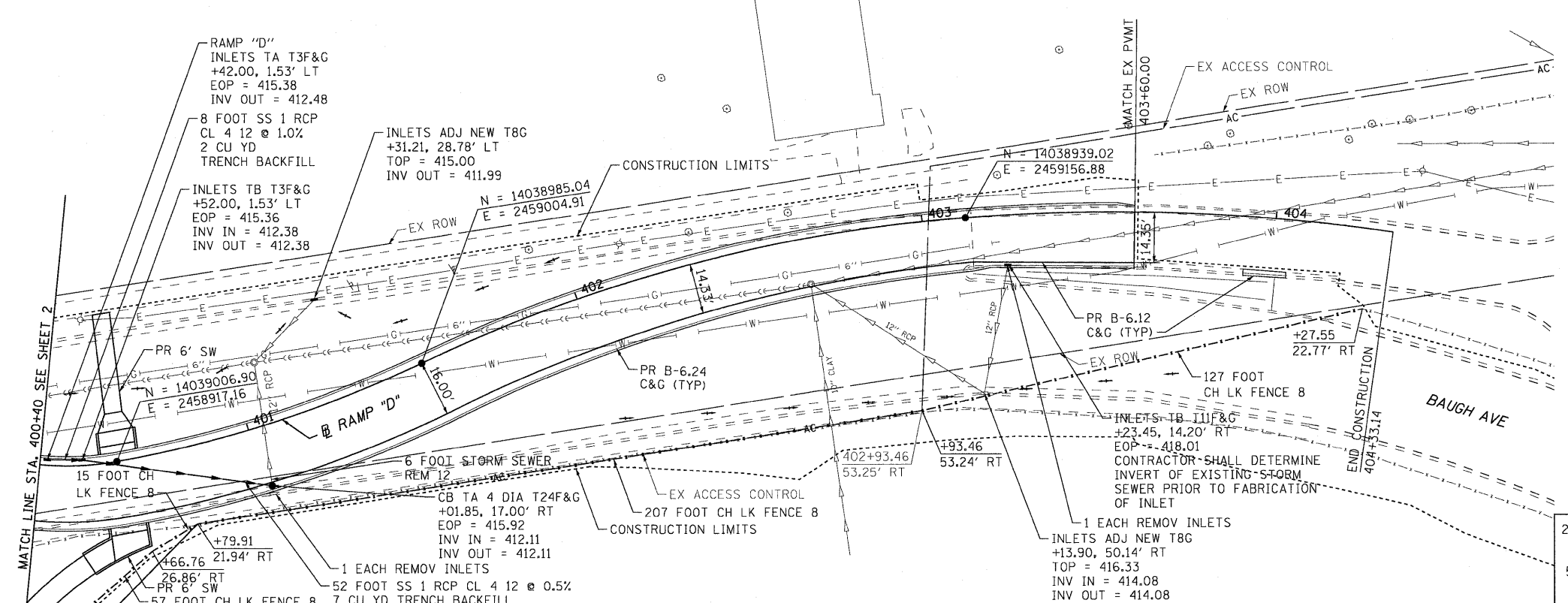


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MODEL NAME = DBTRI-76C38-sht-plnpro-03	DRAWN - JDF	CHECKED - GEB	REVISED -		SCALE: 1"=20'	SHEET NO. 3 OF 8 SHEETS	STA. 11+11.26 TO STA. 14+90.00	9166/9180	CONTRACT NO. 76C38			
PLLOT SCALE = 1:20	DATE = 08/14/09	DATE = 08/14/09	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
PLLOT DATE = 8/13/2009												

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	PLOTTED	
	CHECKED	
	BY	
	NO.	
	NOTE BOOK	
	NO.	
	FILE NAME	

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	CHECKED	
	BY	
	NO.	
	NOTE BOOK	
	NO.	
	FILE NAME	

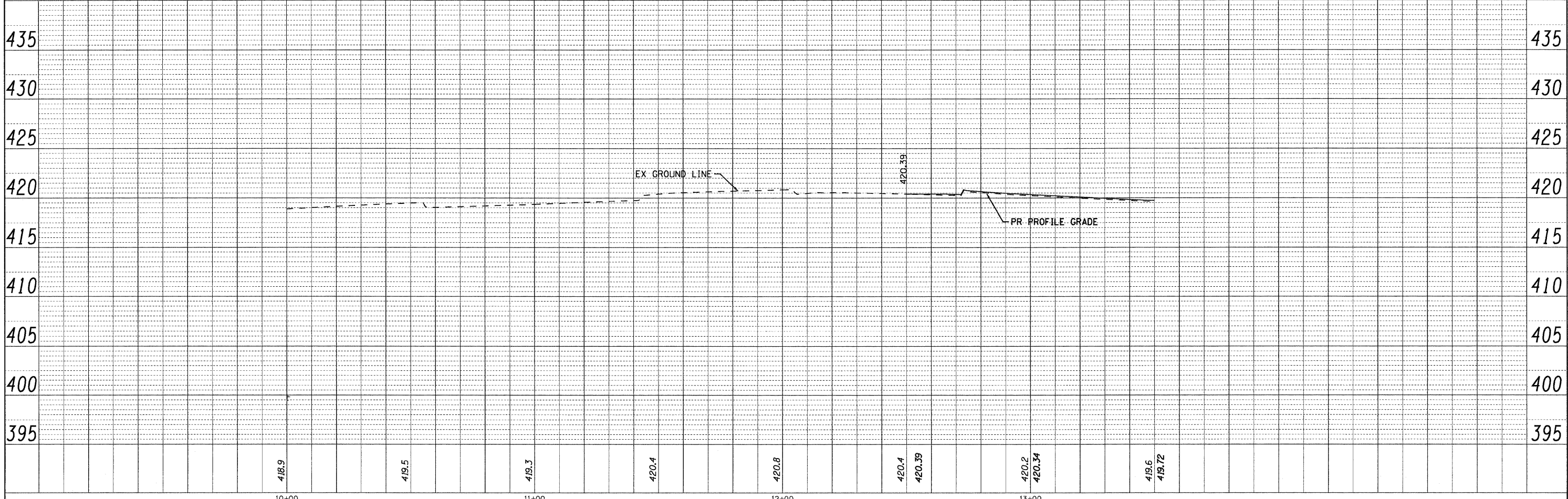
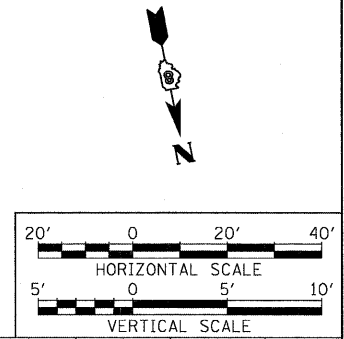
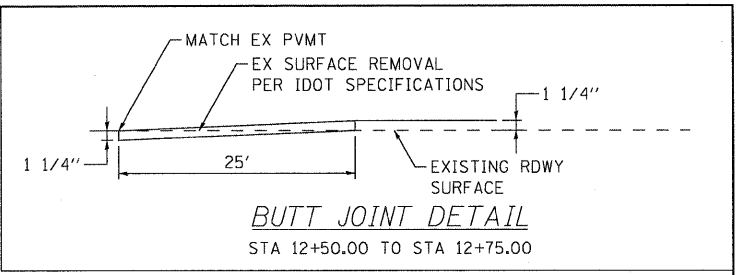
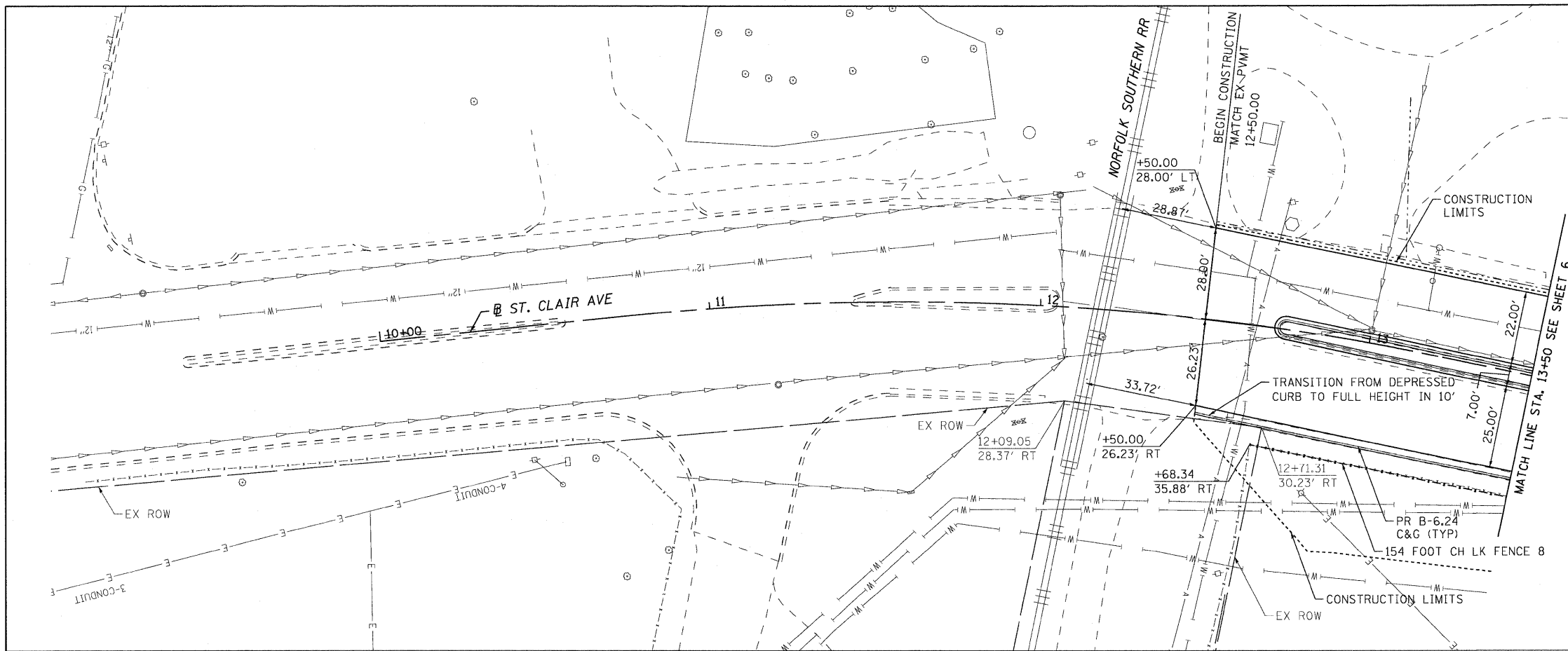


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MODEL NAME = DBTRI-76C38-sht-plnpro-04	DRAWN - JDF	REVISED -				82-1-10N	ST. CLAIR	68	23	
PLOT SCALE = 1/2"=20'	CHECKED - GEB	REVISED -				9166/9180	CONTRACT NO. 76C38			
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

PROFILE SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO.
 RT. OF WAY CHECKED BY
 STRUCTURE NOTATIONS CHKD



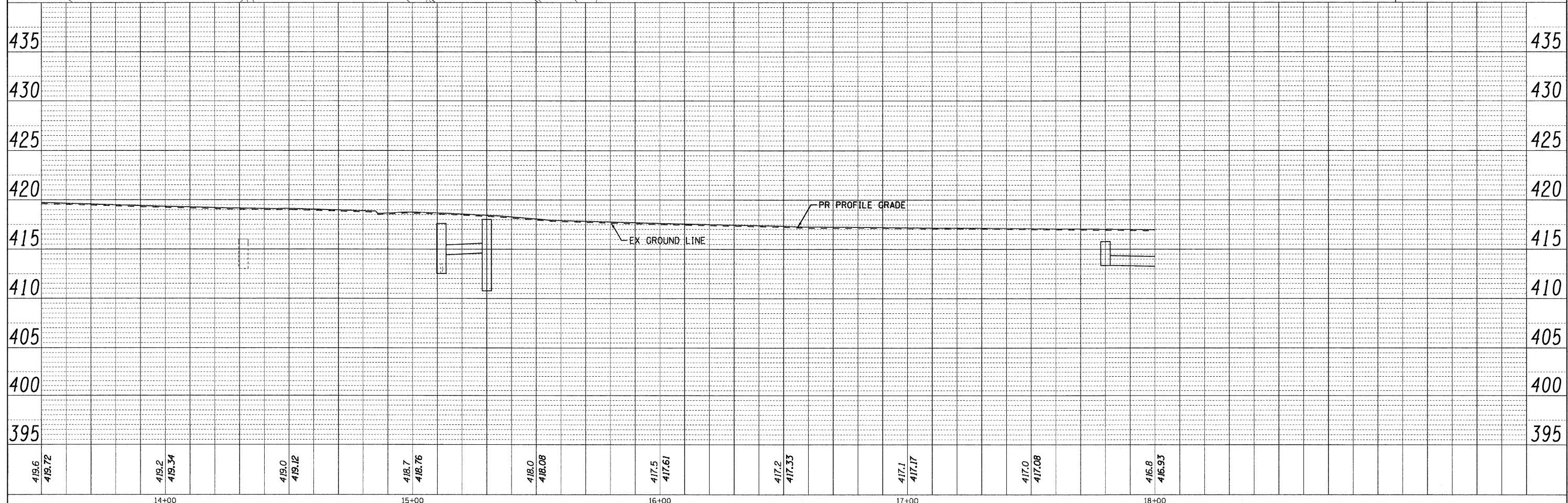
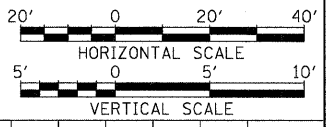
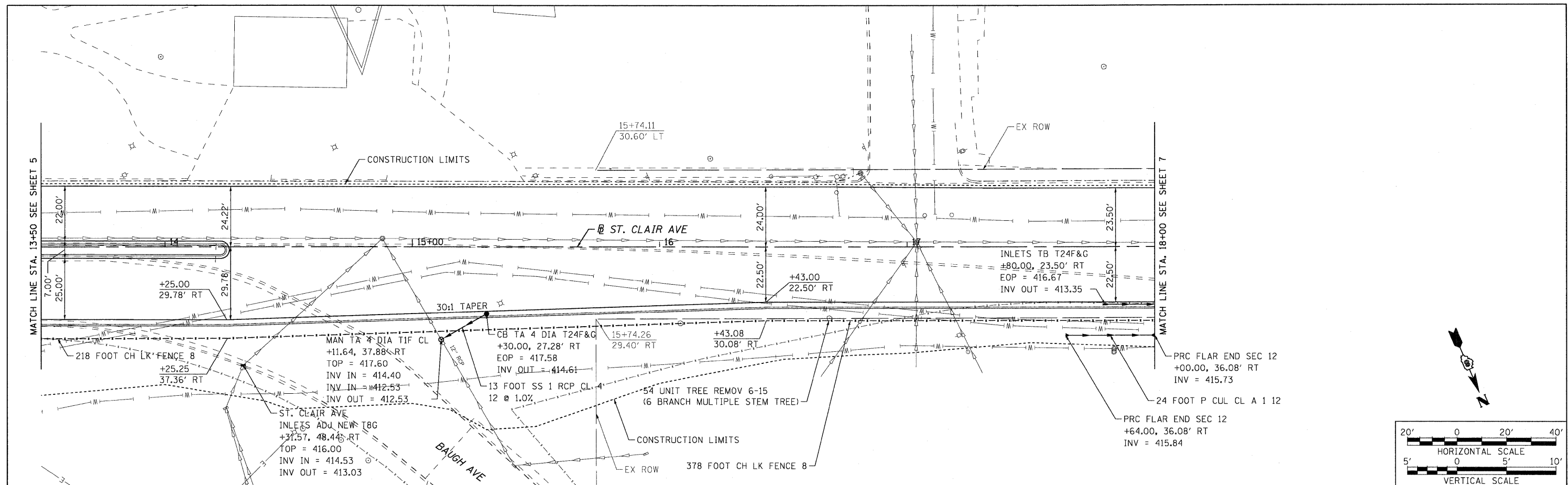
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MODEL NAME = DBTRI-76C38-sht-plnpro-05	DRAWN - JDF	CHECKED - GEB	REVISED -		SCALE: 1"=20'	SHEET NO. 5 OF 8 SHEETS	STA. 10+00.00 TO STA. 13+50.00	* 9166/9180	CONTRACT NO. 76C38	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
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	NO. CAD FILE NAME		

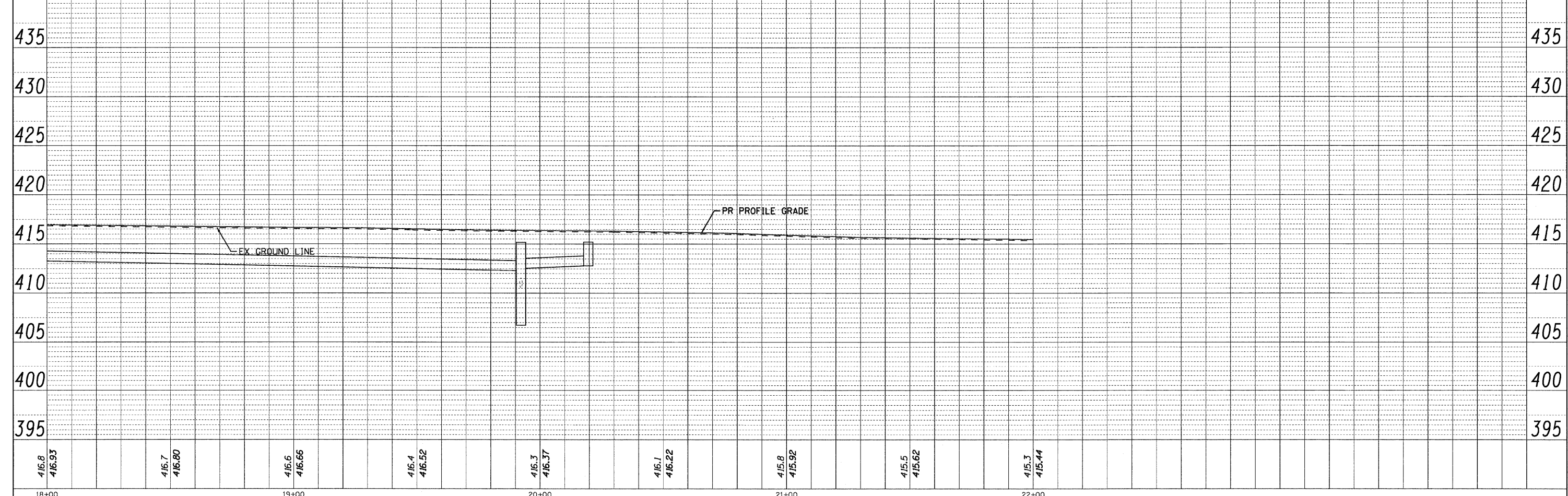
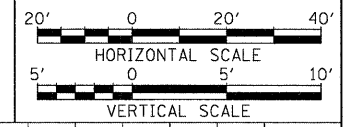
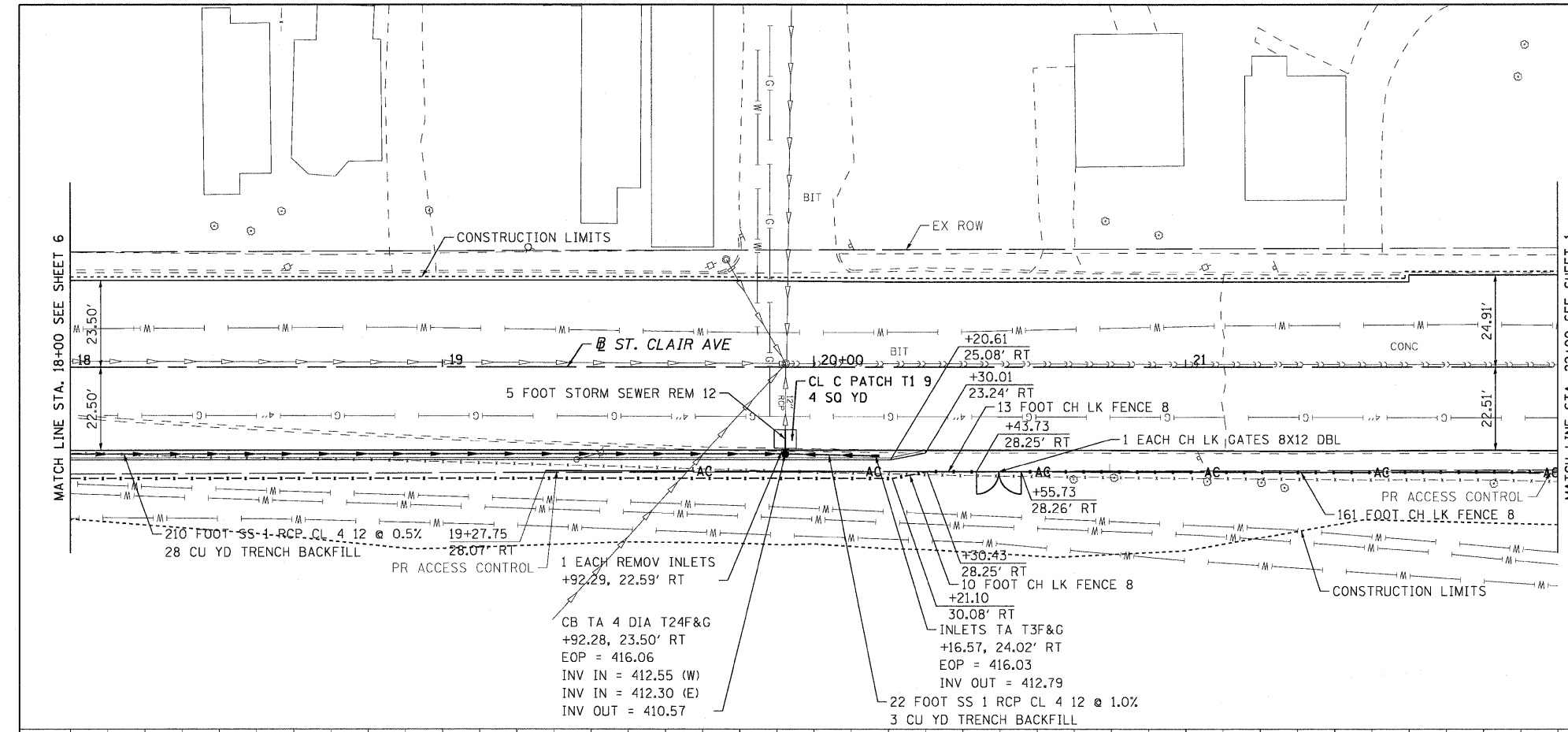
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	NO. CAD FILE NAME		



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PLOT SCALE = 1:20	DRAWN - JDF	REVISOR -	•			82-1-10N	ST. CLAIR	68	25	
PLOT DATE = 8/13/2009	CHECKED - GEB	REVISOR -	•			9166/9180	CONTRACT NO.	76C38		
	DATE = 08/14/09	REVISOR -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
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	NO.	

PROFILE	SURVEYED	DATE
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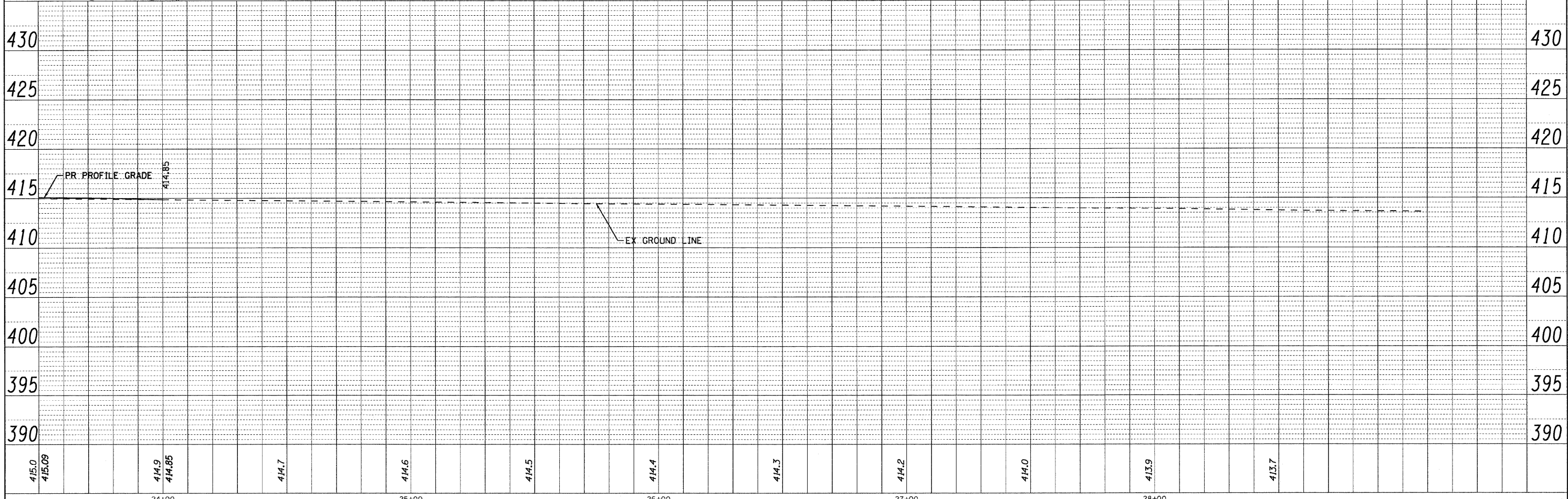
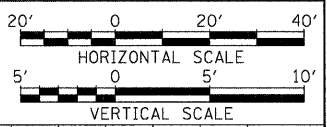
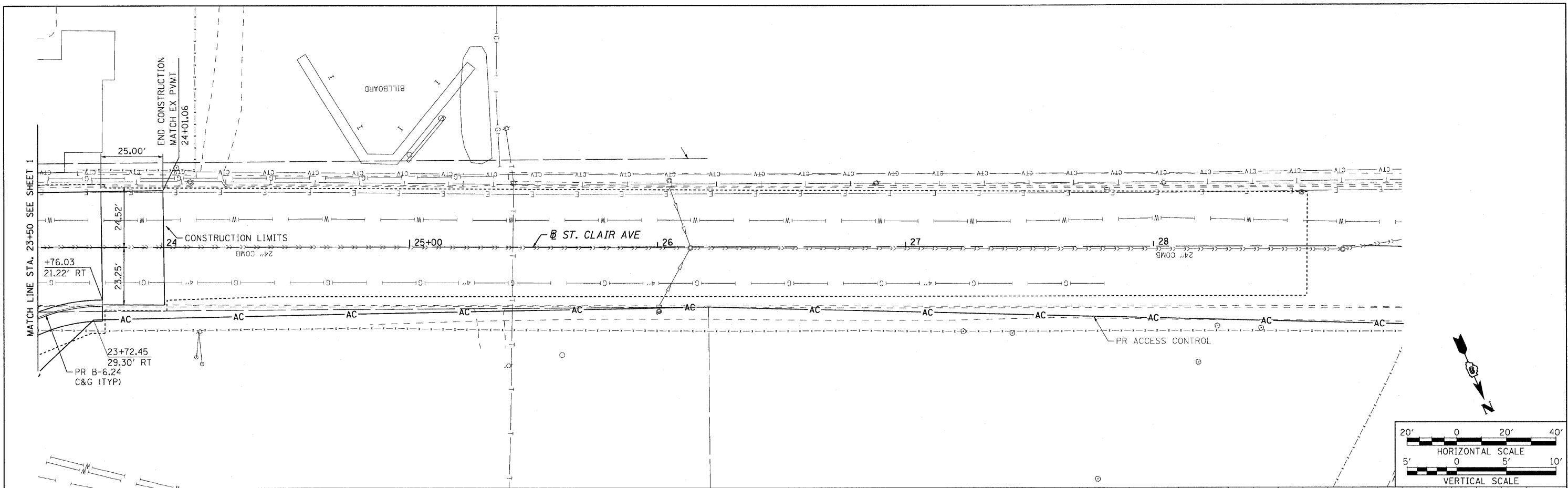


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PLOT SCALE = 1:20	MODEL NAME = DBTRI-76C38-sh1-plnpr0-07	DRAWN - JDF	REVISED -			9166/9180	82-1-10N	ST. CLAIR	68	26
PLOT DATE = 8/13/2009		CHECKED - GEB	REVISED -			FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		DATE = 08/14/09	REVISED -							

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 NO. CADD FILE NAME

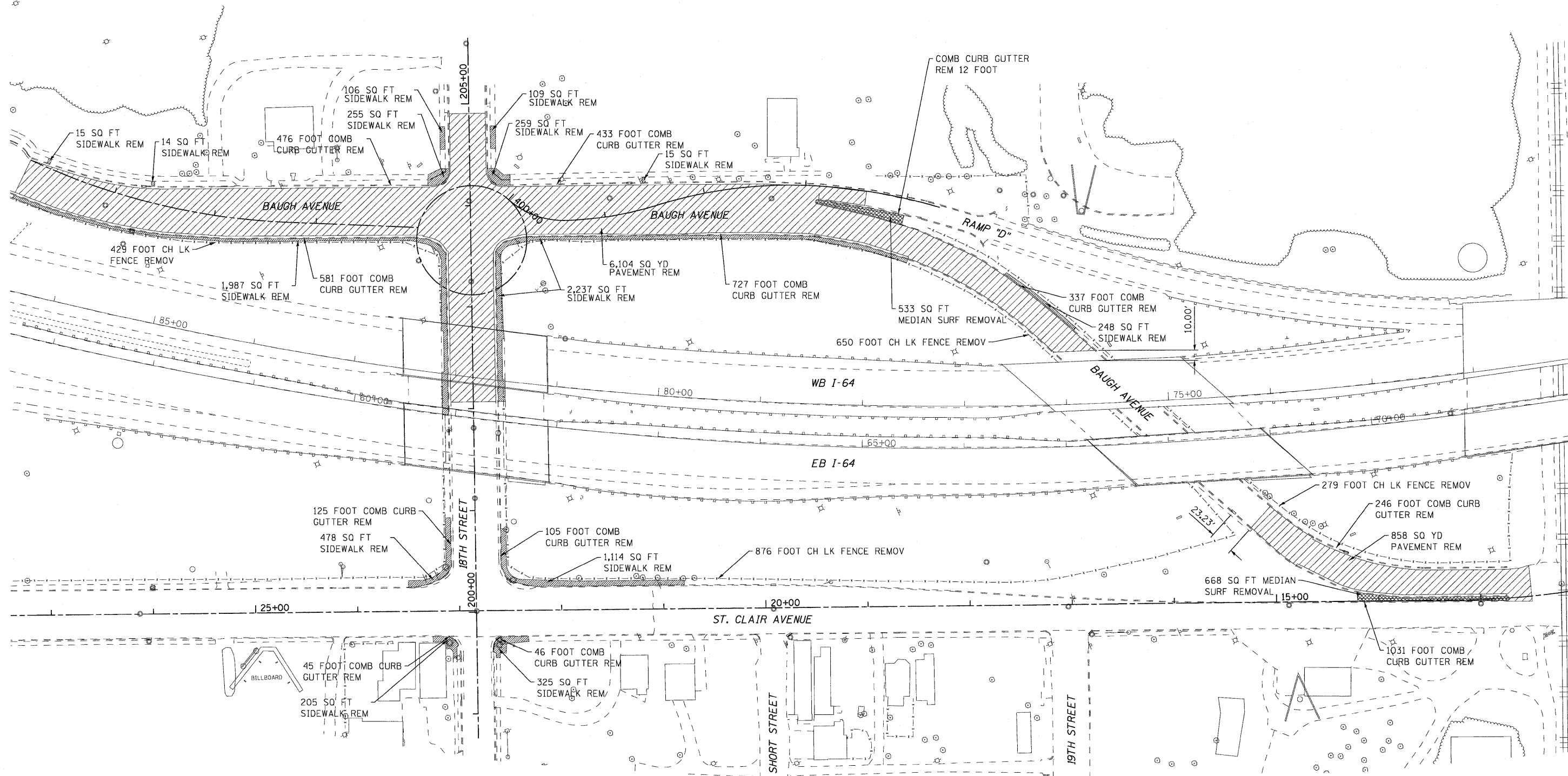
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	MODEL NAME = DBTRI-76C38-sht-plnpro-08	DRAWN - JDF	REVISED -		SCALE: 1"=20'	SHEET NO. 8 OF 8 SHEETS	STA. 23+50.00 TO STA. 28+61.00	9166/9180	CONTRACT NO. 76C38		
	PLOT SCALE = 1:20	CHECKED - GEB	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -								

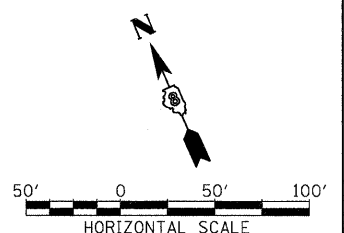
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LEGEND

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

FILE NAME = DBTRI-76C38-shr-ren-01.dgn	USER NAME = jdf	DESIGNED - DWK	REVISED -
MODEL NAME = DBTRI-76C38-shr-ren	DRAWN - DWK	REVISIONS	
PLOT SCALE = 1:50	CHECKED - GEB	REVISIONS	
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISIONS	

SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	STA. ----- TO STA. -----	F.A.U. RTE. 82-1-10N	COUNTY ST. CLAIR	TOTAL SHEETS 68	SHEET NO. 28
			9166/9180	CONTRACT NO. 76C38		
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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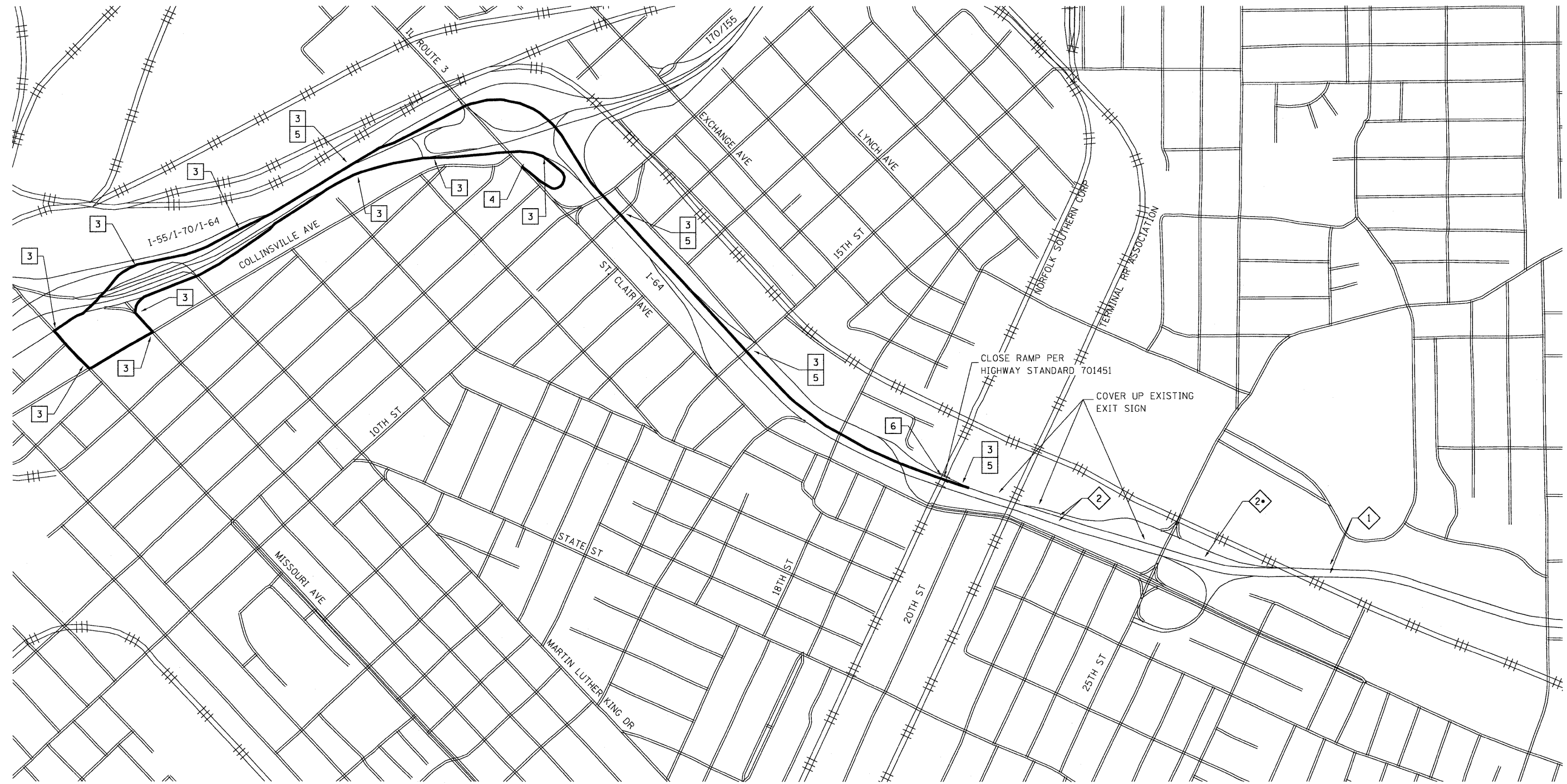
BAUGH AVENUE ROUNDABOUT CONSTRUCTION DETOUR

- 1 ROAD WORK 1/2 MILE (W20-1)
KEEP MOUNTED THROUGHOUT CONSTRUCTION
SEE HIGHWAY STANDARD 701451
- 2 EXIT CLOSED (E5-2a)
(DO NOT MOUNT ON EXISTING SIGN POSTS)
SEE HIGHWAY STANDARD 701451
- 3 DETOUR (M4-B)
MOUNT TO EXISTING GUIDE SIGN
- 4 END DETOUR (M4-8a)
- 5 IL ROUTE 3

- 6 TYPE III BARRICADES WITH
R11-2 (ROAD CLOSED)
- DETOUR ROUTE
- MOUNT EXIT CLOSED SIGN BELOW EXISTING
EXIT SIGN AND PLACE ON SEPARATE POSTS

NOTES:

1. THIS DETOUR SHALL BE USED TO REDIRECT IL ROUTE 3 (NORTH) TRAFFIC AROUND BAUGH AVENUE DURING CLOSURE OF THE BAUGH AVENUE EXIT FROM I-64 (WB) AND CONSTRUCTION OF THE ROUNDABOUT AT BAUGH AVENUE AND 18th STREET.
2. SEE HIGHWAY STANDARD 701451 FOR EXIT RAMP CLOSURE.
3. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC CONTROL WORK ON THIS PROJECT WITH ADJOINING OR OVERLAPPING PROJECTS, INCLUDING SIGN AND BARRICADE PLACEMENT NECESSARY TO PROVIDE A UNIFORM TRAFFIC DETOUR PATTERN.

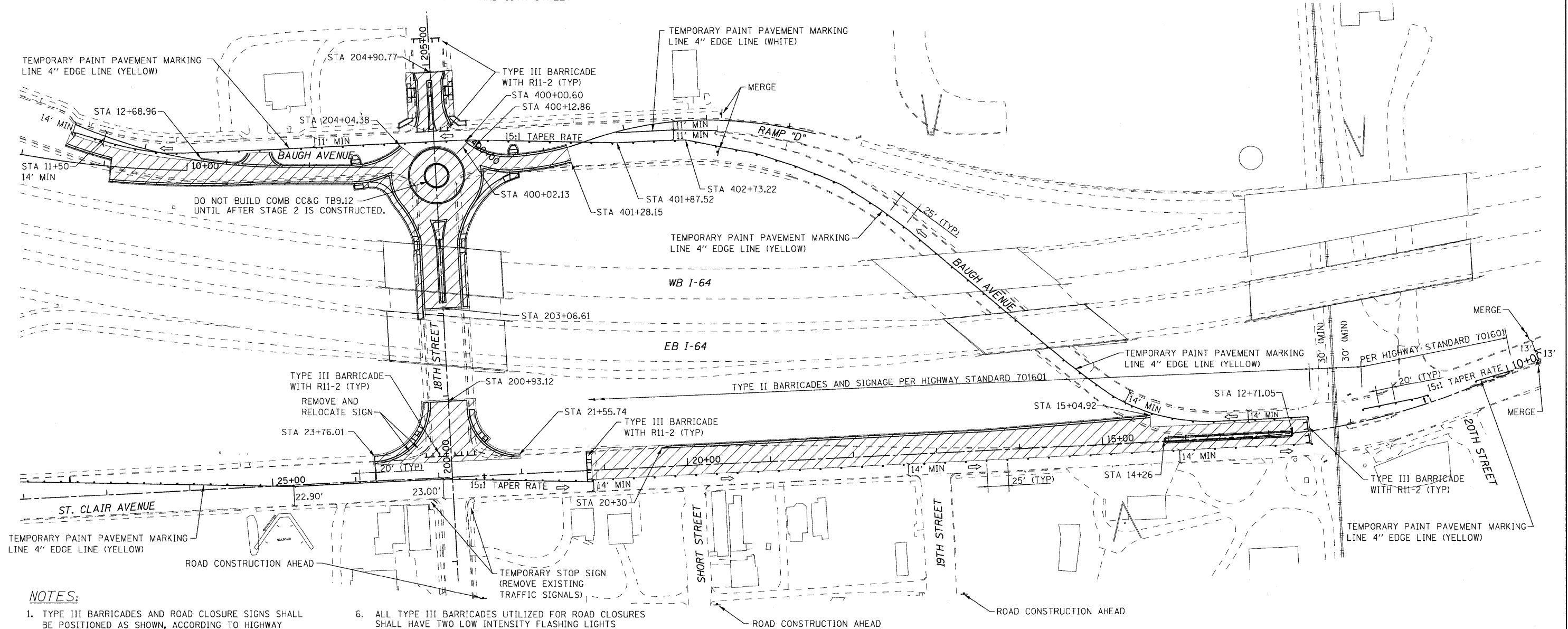


STAGE 1

REDUCE WESTBOUND ST. CLAIR AVENUE TRAFFIC TO ONE LANE AT 20TH STREET AND MERGE WITH RAMP 'D' TRAFFIC AT BAUGH AVENUE FORMING ONE LANE OF TRAFFIC THROUGH THE BAUGH AVENUE CONSTRUCTION ZONE. REDUCE EASTBOUND ST. CLAIR AVENUE TRAFFIC TO ONE LANE BEGINNING NEAR 16TH STREET FORMING ONE LANE OF TRAFFIC FROM EAST OF 18TH STREET TO THE RAILROAD. CLOSE 18TH STREET.

CONSTRUCT 80% OF THE 18TH STREET ROUNDABOUT, THE RADIUS RETURNS AT 18TH STREET AND ST. CLAIR AVENUE, AND WIDEN ST. CLAIR AVENUE FROM STA 12+55 TO STA 20+30 INCLUDING THE MEDIAN FROM STA 12+71 TO STA 14+26.

• TYPE III BARRICADE WITH R11-4 (TYP) AT INTERSECTION OF WEIMAN AVENUE AND 18TH STREET

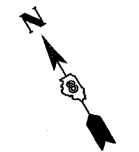
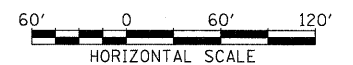


NOTES:

- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITION.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL BUSINESSES AND RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
- TYPE III BARRICADES SHOWN FOR LOCATION ONLY. LOCATION AND NUMBER REQUIRED TO BE DETERMINED BY ENGINEER IN THE FIELD.
- REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PAVEMENT MARKINGS.

LEGEND

- ↑ SIGN
- ↑ ARROW BOARD
- ⌋ TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM
- ⇒ DIRECTIONAL ARROW (FOR INFORMATION ONLY. DO NOT PAINT ON ROADWAY.)
- R11-2 ROAD CLOSED
- R11-4 ROAD CLOSED TO THRU TRAFFIC
- ▨ WORK ASSOCIATED WITH THIS STAGE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL - STAGE 1

SCALE: 1" = 60'

SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-10N	ST. CLAIR	68	30
• 9166/9180			CONTRACT NO. 76C38	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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PLOT SCALE = 1:60	DATE = 08/14/09		
PLOT DATE = 8/13/2009			

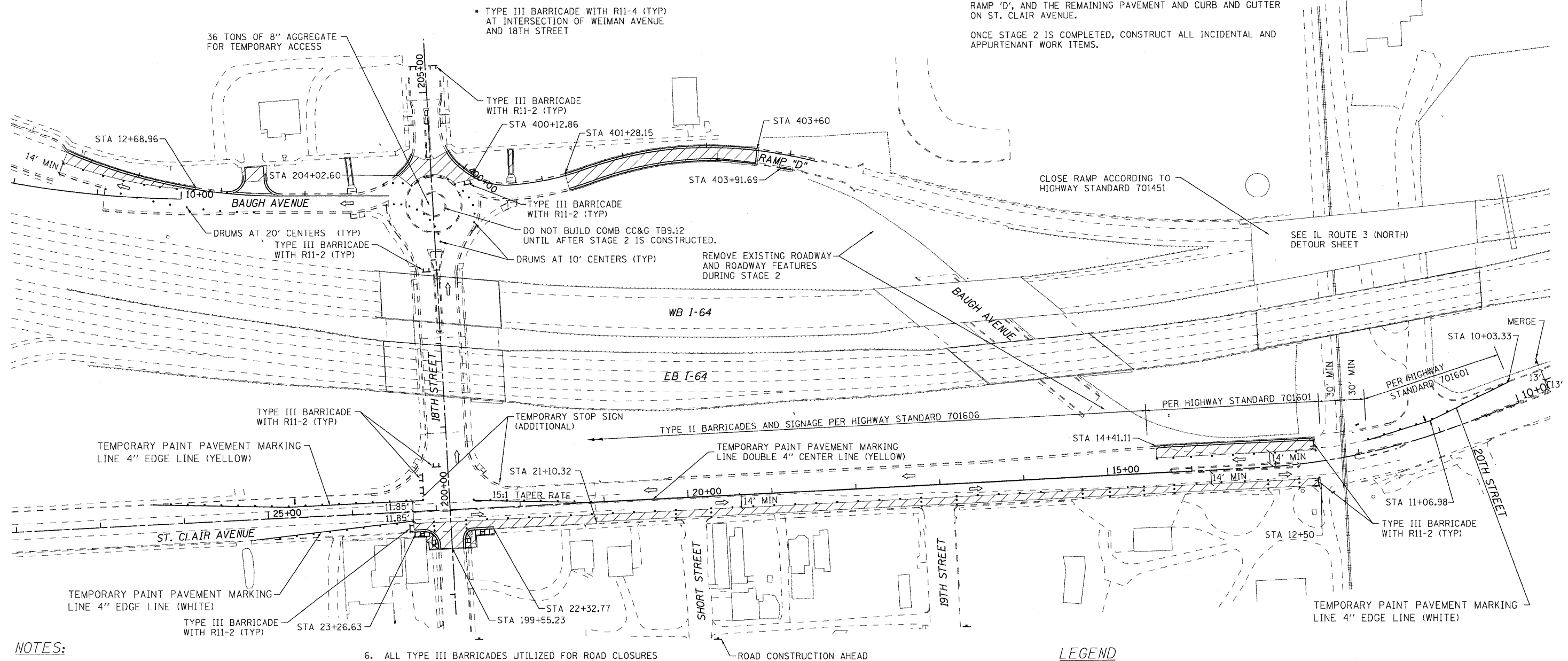
STAGE 2

OPEN ST. CLAIR AVENUE TO TWO WAY TRAFFIC FROM THE RAILROAD TO 18TH STREET. ERECT ALL WAY STOP AT 18TH STREET AND ST. CLAIR AVENUE. CLOSE RAMP 'D' AND CLOSE NORTHBOUND 18TH STREET AT BAUGH AVENUE AND SOUTHBOUND 18TH STREET FROM BAUGH AVENUE TO ST. CLAIR AVENUE.

RAMP 'D' SHALL NOT BE CLOSED FOR MORE THAN 15 CALENDAR DAYS.

CONSTRUCT THE REMAINING PORTIONS OF THE ROUNDABOUT, RAMP 'D', AND THE REMAINING PAVEMENT AND CURB AND GUTTER ON ST. CLAIR AVENUE.

ONCE STAGE 2 IS COMPLETED, CONSTRUCT ALL INCIDENTAL AND APPURTENANT WORK ITEMS.



NOTES:

- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITION.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL BUSINESSES AND RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
- TYPE III BARRICADES SHOWN FOR LOCATION ONLY. LOCATION AND NUMBER REQUIRED TO BE DETERMINED BY ENGINEER IN THE FIELD.
- REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PAVEMENT MARKINGS.

LEGEND

- † SIGN
- ↑ ARROW BOARD
- ⊥ TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM
- ⇒ DIRECTIONAL ARROW (FOR INFORMATION ONLY. DO NOT PAINT ON ROADWAY.)
- R11-2 ROAD CLOSED
- R11-4 ROAD CLOSED TO THRU TRAFFIC
- ▨ WORK ASSOCIATED WITH THIS STAGE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

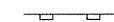

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL - STAGE 2

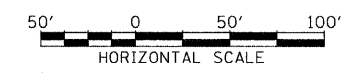
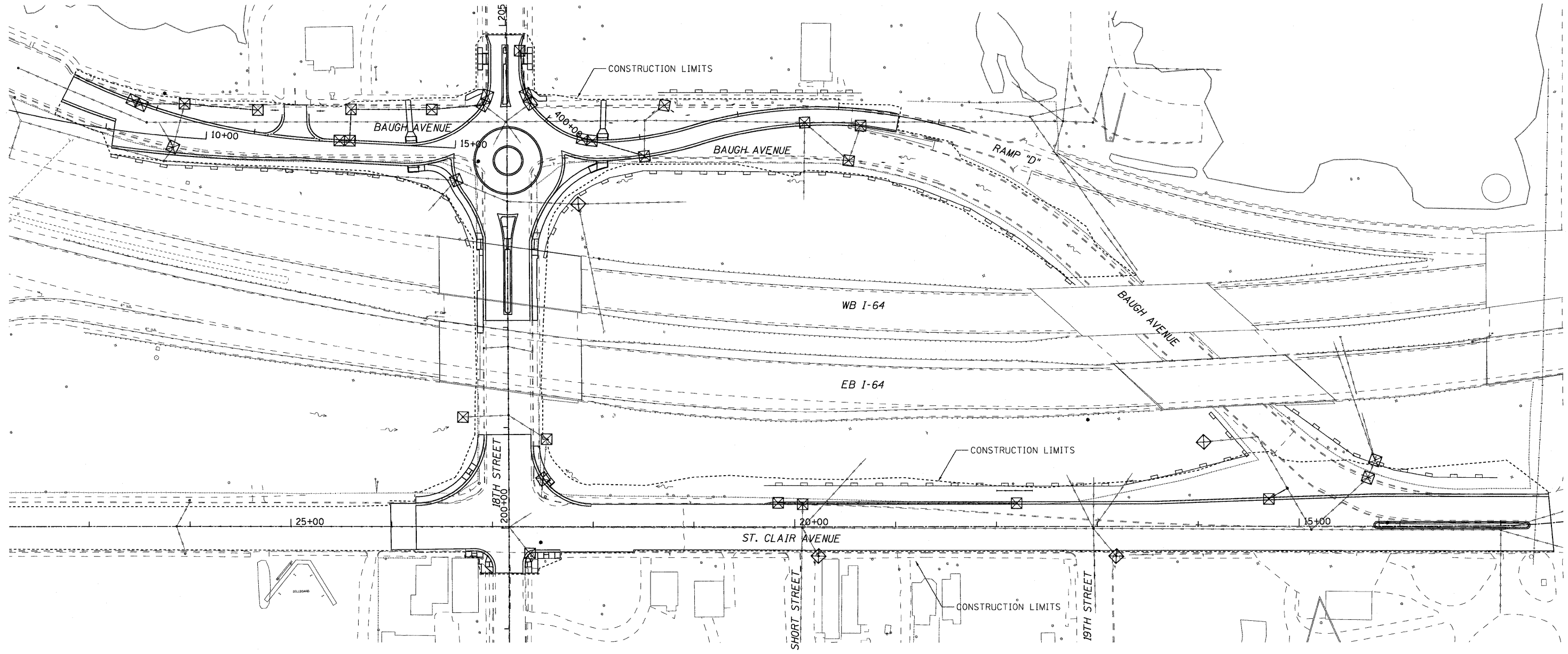
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	31
CONTRACT NO. 76C38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 1:60	DATE = 08/14/09		
PLOT DATE = 8/13/2009			

LEGEND

-  PERIMETER EROSION CONTROL
-  INLET AND PIPE PROTECTION



8/13/2009 10:39:44 AM
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 USER NAME = jdf
 MODEL NAME = DB-TRI-76C38-shr-swpp-01
 PLOT SCALE = 1:50
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DESIGNED - LDT	REVISED -
DRAWN - MBB	REVISED -
CHECKED - GEB	REVISED -
DATE - 08/14/09	REVISED -

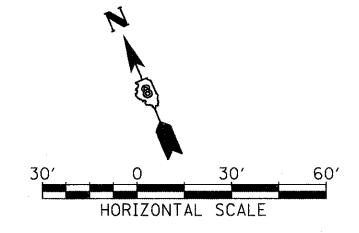
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

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

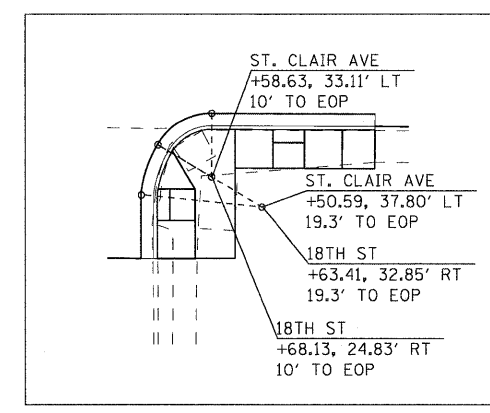
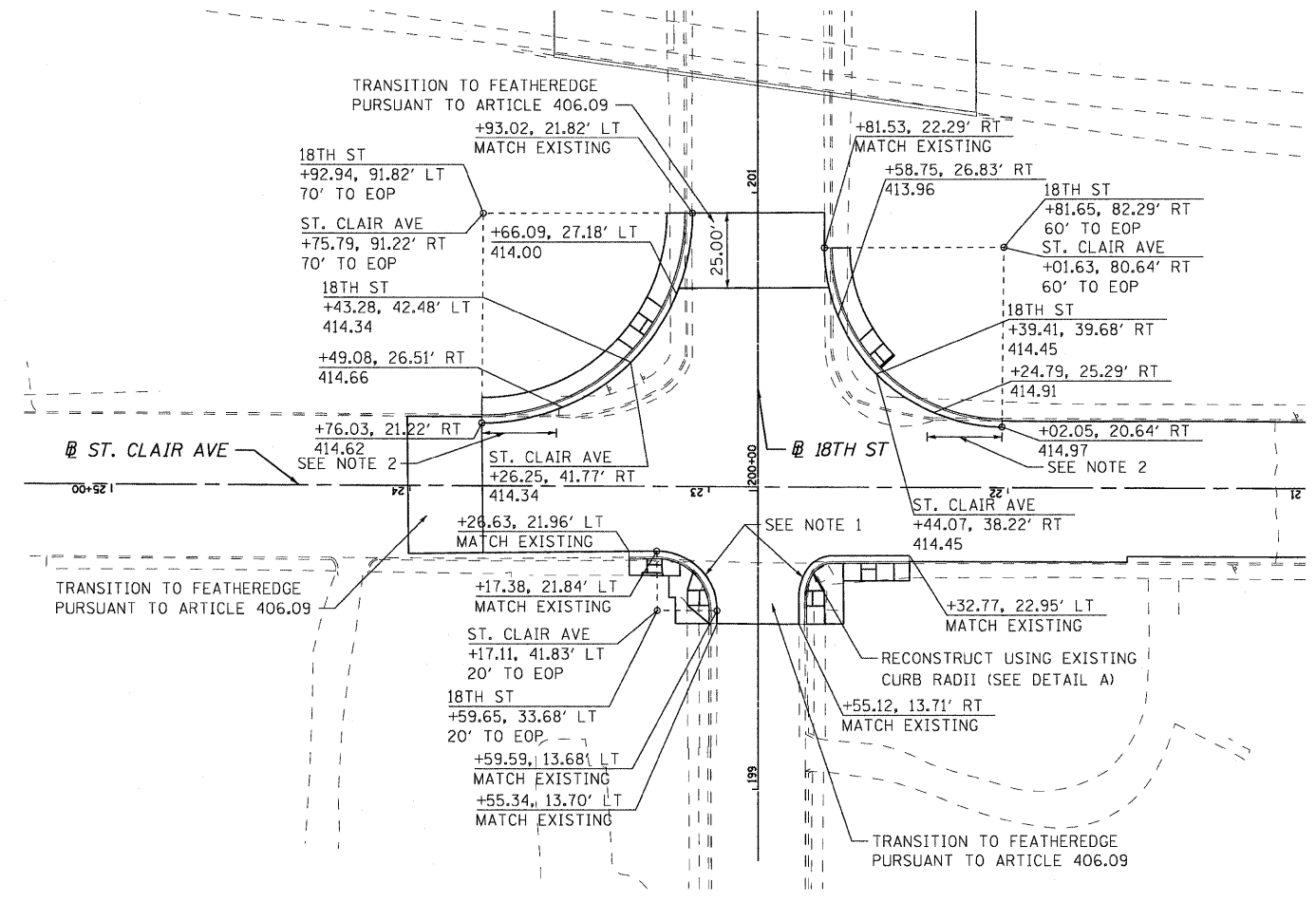
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C38		

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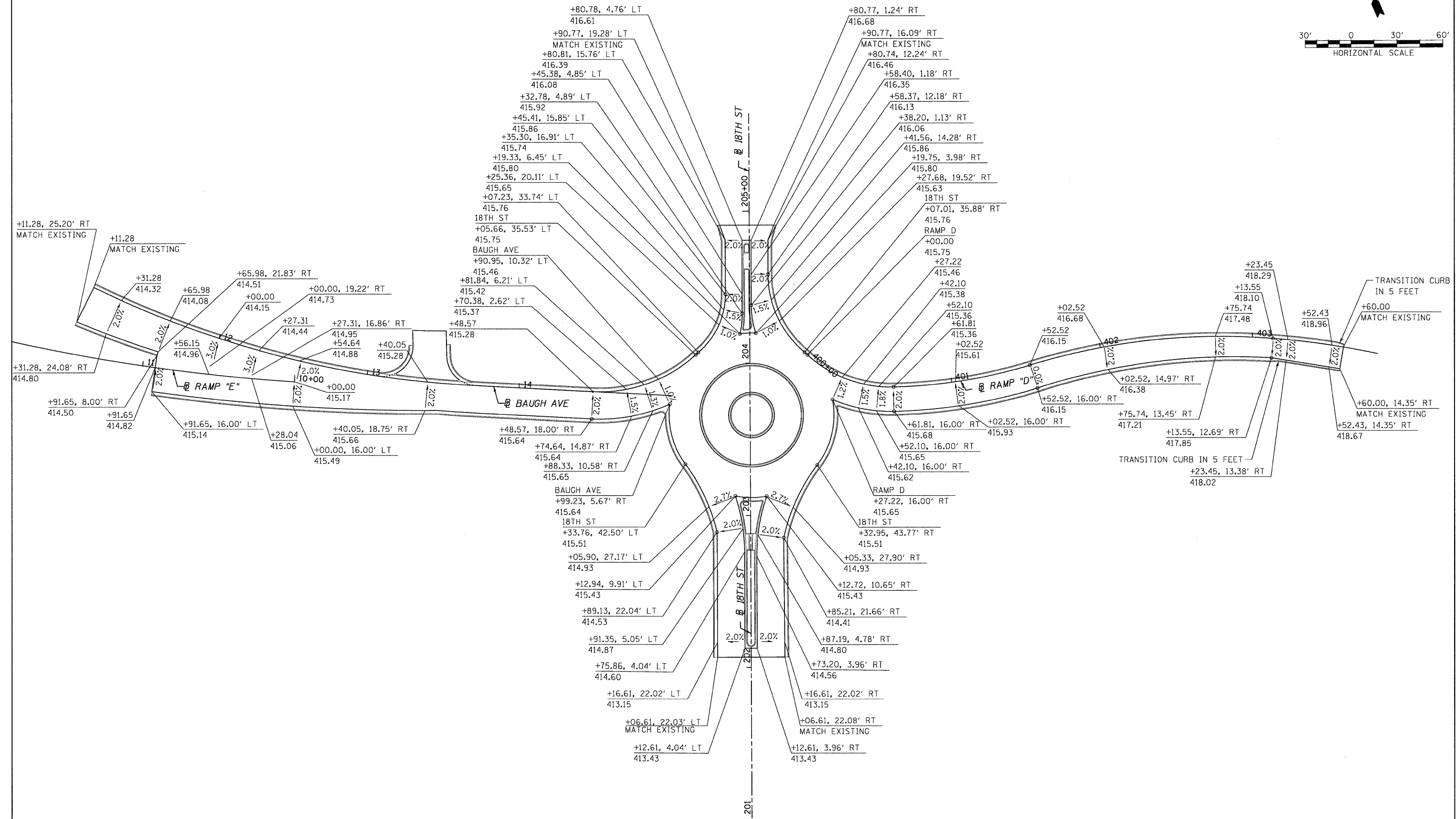
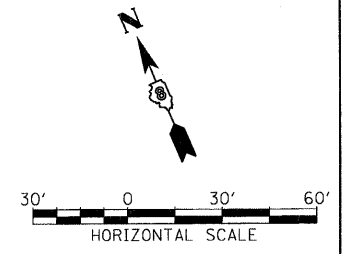
NOTE:

1. CONTRACTOR SHALL ENSURE PROPOSED CURB AND GUTTER DRAINS
2. TRANSITION MILLING AT EDGE OF PAVEMENT FROM 1 1/4" TO 0" OVER 25'. MAINTAIN 1 1/4" RESURFACING THICKNESS THROUGH INTERSECTION.



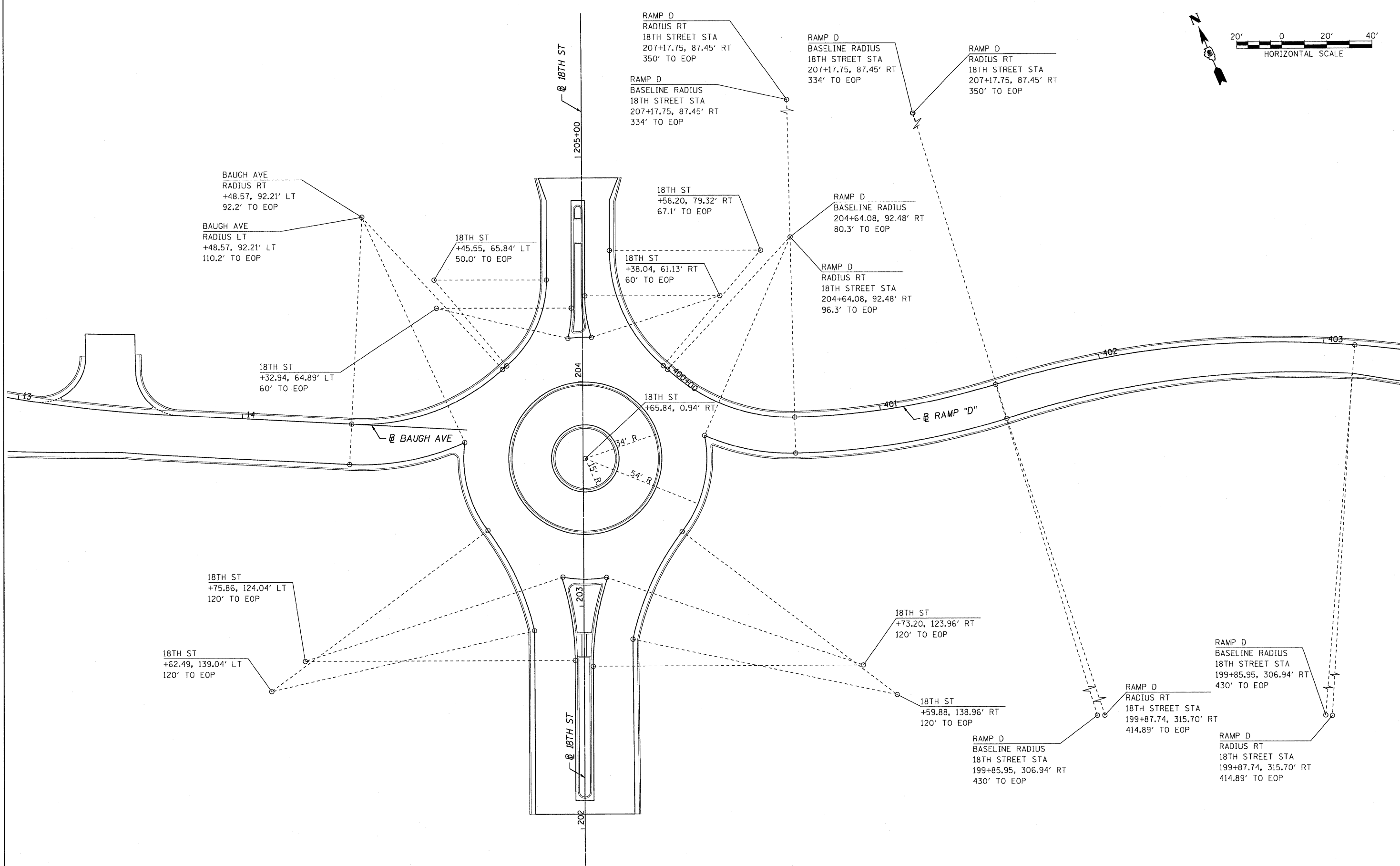
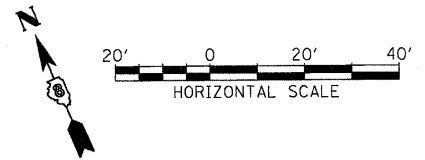
DETAIL A
SCALE 1"=10'

8/13/2009 1:06:35:01 AM FILE NAME = DBTRI-76C38-sht-intersect-01-06.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-sht-intersect-01 PLOT SCALE = 1:30 PLOT DATE = 8/13/2009	DESIGNED - LDT	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL PLAN	F.A.U. RTE. =	SECTION = 82-1-10N	COUNTY = ST. CLAIR	TOTAL SHEETS = 68	SHEET NO. = 33
	DRAWN - SMS	REVISIONS			9166/9180	CONTRACT NO. 76C38			
	CHECKED - GEB	REVISIONS			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
	DATE - 08/14/09	REVISIONS			SCALE: 1"=30' SHEET NO. 1 OF 3 SHEETS STA. ----- TO STA. -----				




8/13/2009 1:26:35:02 AM FILE NAME = DBTRI-76C38-sht-intersect-01-06.dgn MODEL NAME = DBTRI-76C38-sht-intersect-02 PLOT SCALE = 1:300 PLOT DATE = 8/13/2009	USER NAME = jdf DESIGNED - LDT DRAWN - SMS CHECKED - GEB DATE - 08/14/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL PLAN		F.A.U. RTE. = SECTION = 82-1-10N COUNTY = ST. CLAIR FEDERAL DIST. NO. = 9166/9180	TOTAL SHEETS = 68 SHEET NO. = 34	CONTRACT NO. = 76C38 [ILLINOIS] FED. AID PROJECT	
	SCALE: 1"=30' SHEET NO. 2 OF 3 SHEETS STA. ----- TO STA. -----			SECTION = 82-1-10N COUNTY = ST. CLAIR FEDERAL DIST. NO. = 9166/9180		TOTAL SHEETS = 68 SHEET NO. = 34		CONTRACT NO. = 76C38	

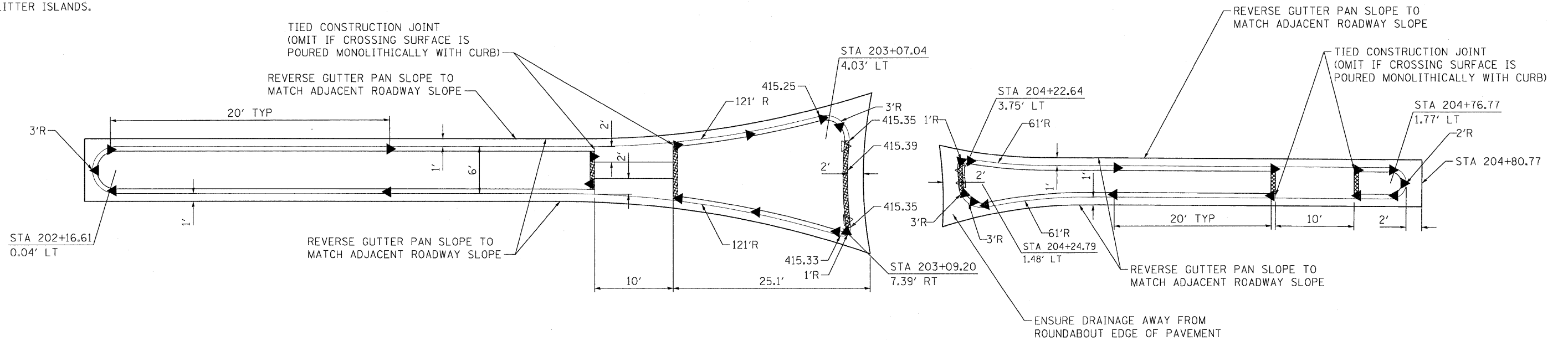
P:\38-0030 CTE TRI LEVEL 900.CAD\901_DRAWING\84_CONTRACT\SHEET\CVL\GENERAL\DBTRI-76C38-SHT-INTERSECT-01-06.DGN



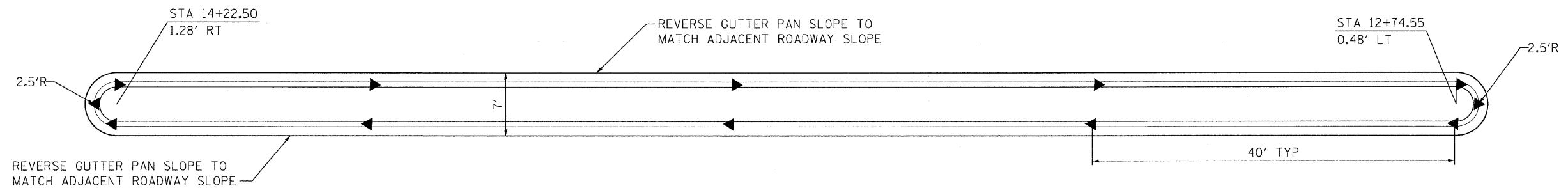
NOTES:

1. ALL RADII DIMENSIONED TO FACE OF CURB, UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER AT THE SPLITTER ISLANDS ARE COMBINATION CONCRETE CURB GUTTER, B6.12 OR B6.24.
3. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
4. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
5. PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
6. CURB FACE AND TOP SHALL BE PAINTED IN ACCORDANCE WITH SECTION 780.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." ALL CURBS SHALL BE PAINTED YELLOW UNLESS NOTED.
 WHITE CURB FACE AND TOPS
7. SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE SPLITTER ISLANDS.

- ▷ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
- ▶ ONE-WAY AMBER PRISMATIC CURB REFLECTOR



SPLITTER ISLAND DETAILS
(NOT TO SCALE)



ST. CLAIR AVENUE MEDIAN DETAIL
(NOT TO SCALE)

8/13/2009 10:38:34 AM

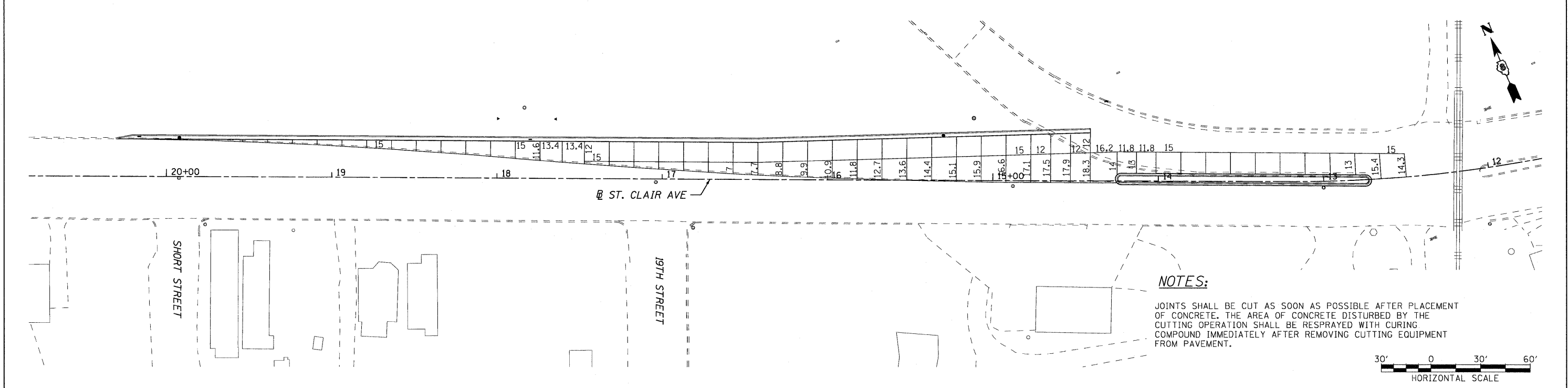
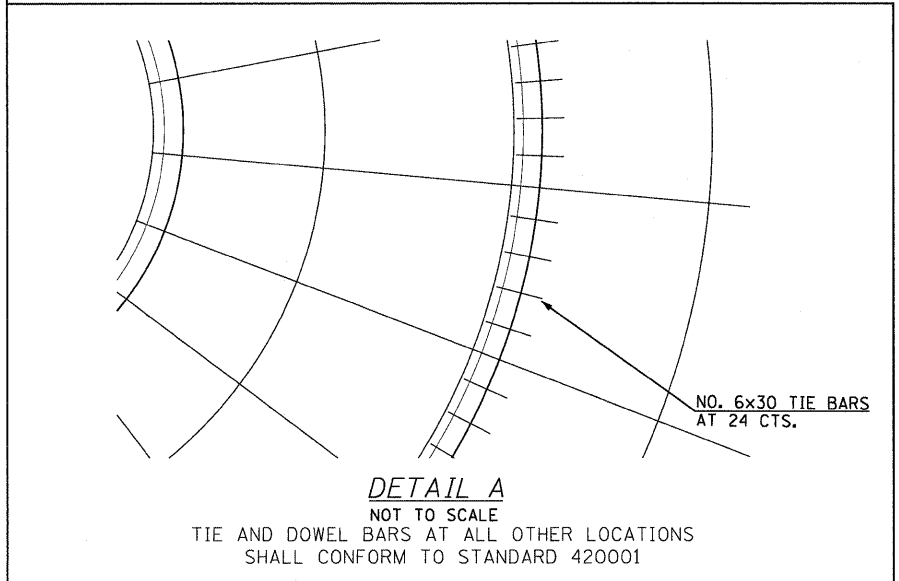
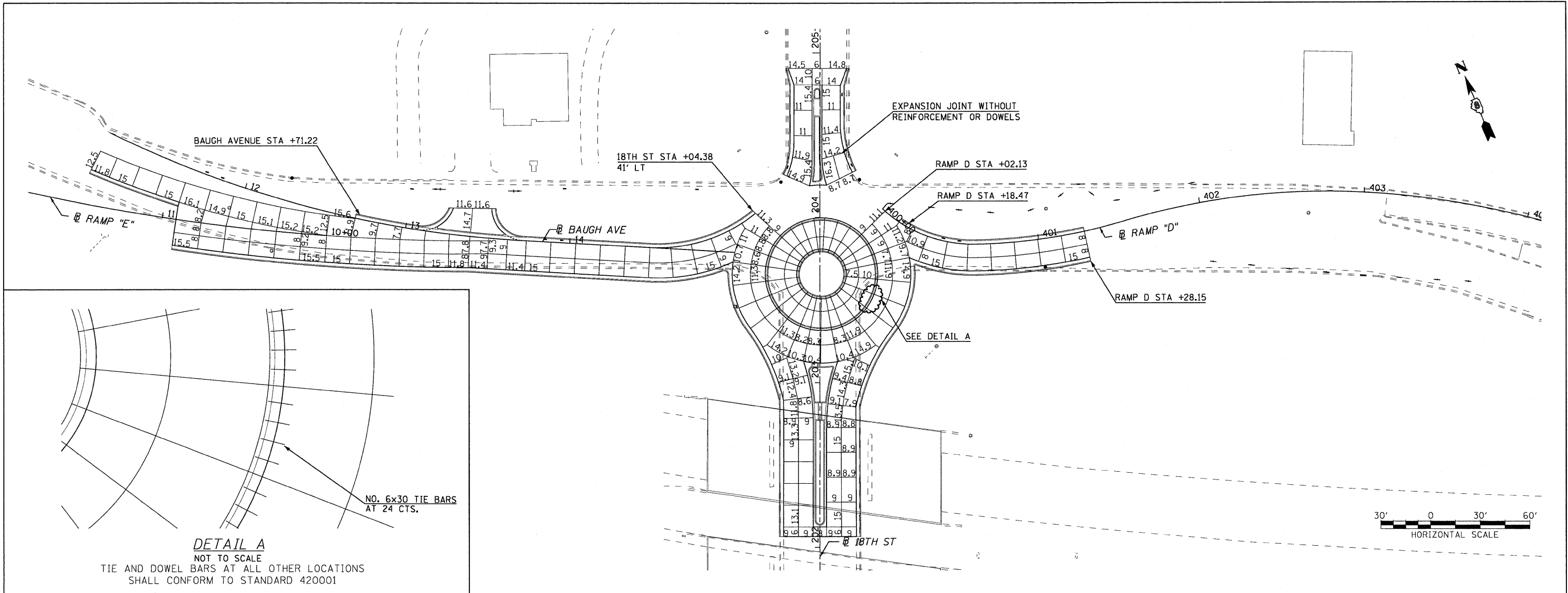
FILE NAME = DBTRI-76C38-sht-intersect-01-06.dgn	USER NAME = jdf	DESIGNED - LDT	REVISED -
MODEL NAME = DBTRI-76C38-sht-intersect-04	DRAWN - SMS	REVISIONS	
PLOT SCALE = 1:20	CHECKED - GEB	REVISIONS	
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPLITTER ISLAND DETAIL PLAN

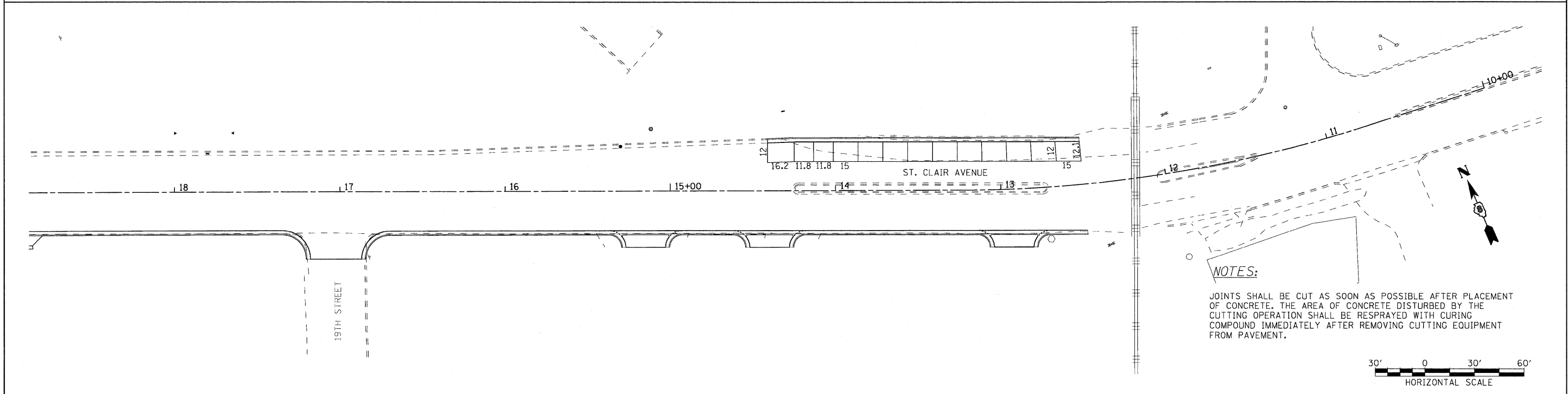
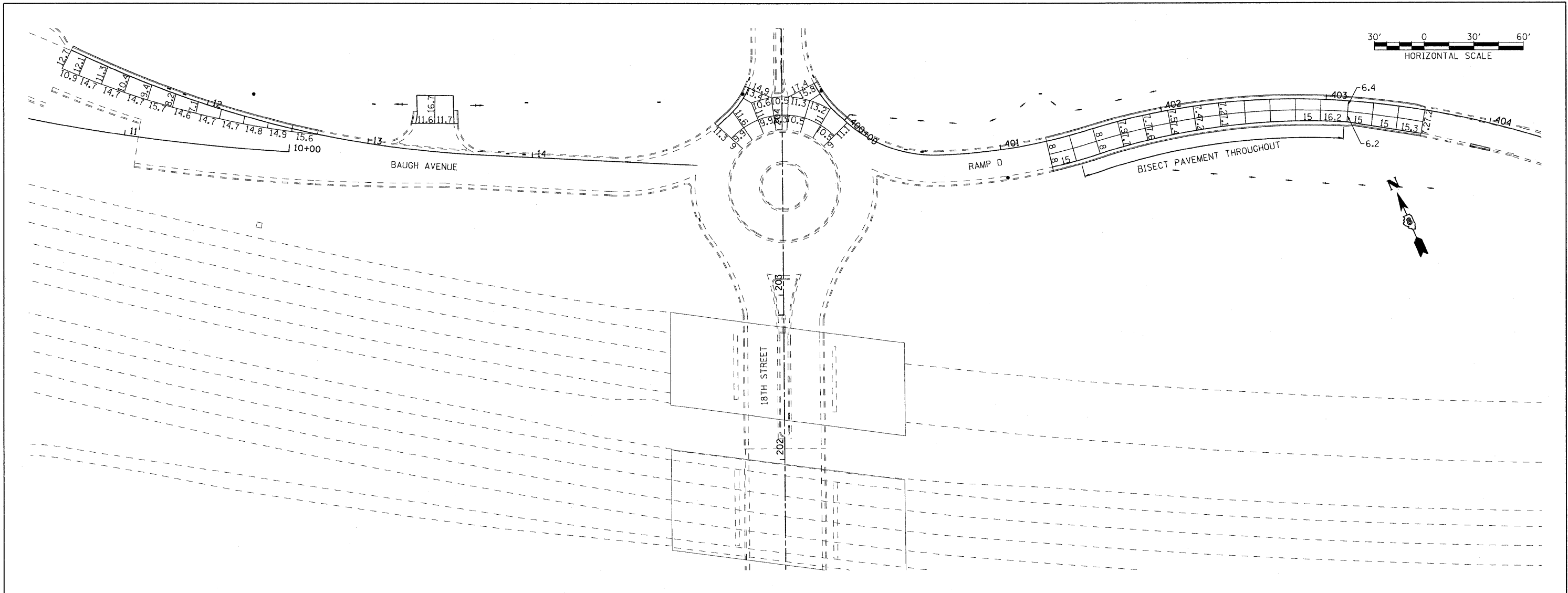
SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. ----- TO STA. -----

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	36
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76C38	



NOTES:
 JOINTS SHALL BE CUT AS SOON AS POSSIBLE AFTER PLACEMENT OF CONCRETE. THE AREA OF CONCRETE DISTURBED BY THE CUTTING OPERATION SHALL BE RESPRAYED WITH CURING COMPOUND IMMEDIATELY AFTER REMOVING CUTTING EQUIPMENT FROM PAVEMENT.

FILE NAME = DBTRI-76C38-sht-intersect-01-06.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-sht-intersect-05 PLOT SCALE = 1:30 PLOT DATE = 8/13/2009	DESIGNED - LDT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - MBB	REVISED -			9166/9180	82-1-10N	ST. CLAIR	68	37	
	CHECKED - GEB	REVISED -			CONTRACT NO. 76C38					
	DATE - 08/14/09	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
SCALE: 1"=30' SHEET NO. 1 OF 2 SHEETS STA. ----- TO STA. -----										

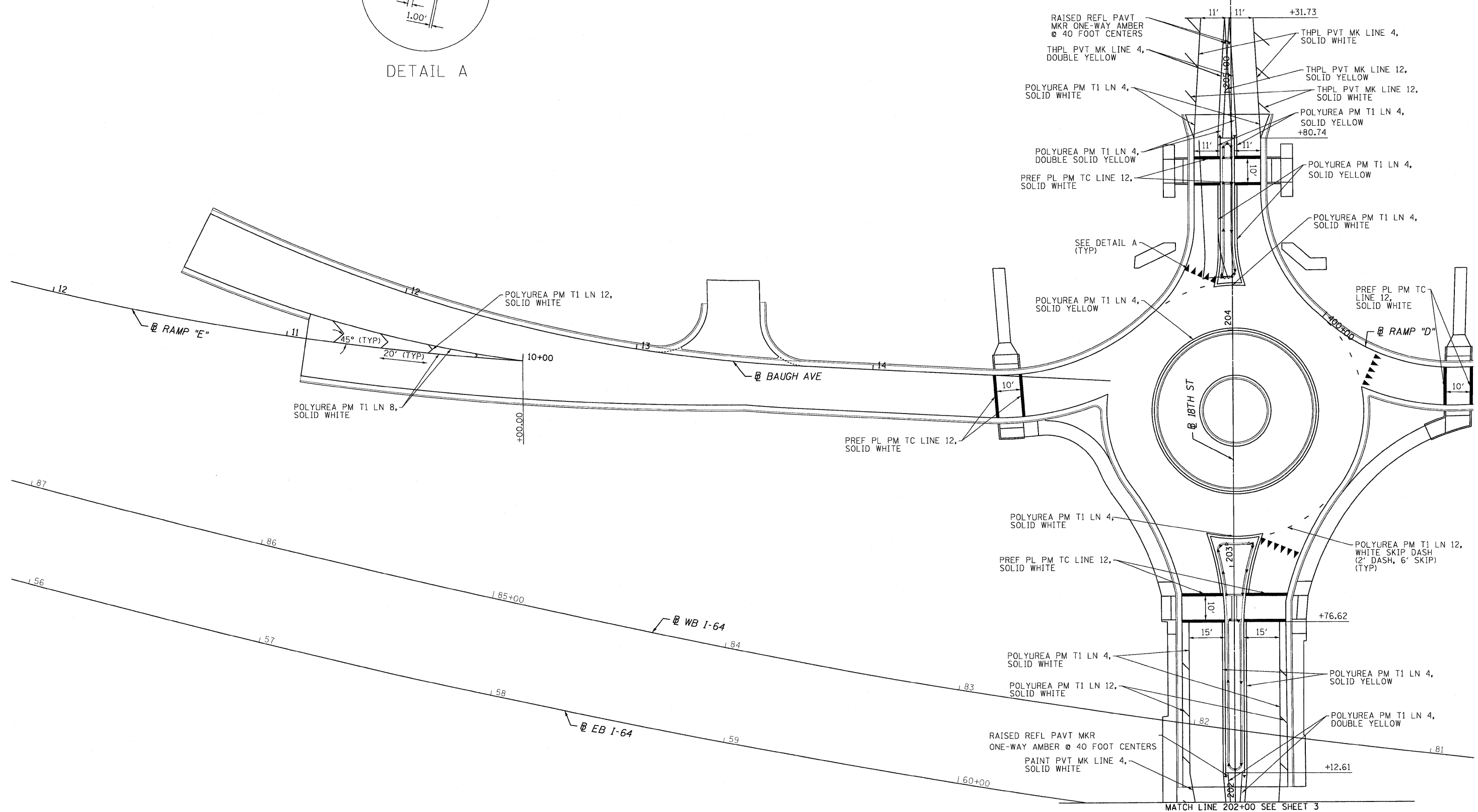
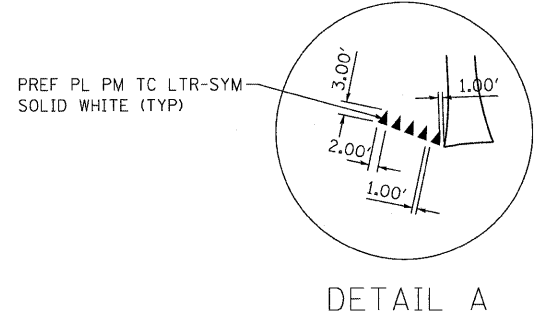


NOTES:
 JOINTS SHALL BE CUT AS SOON AS POSSIBLE AFTER PLACEMENT OF CONCRETE. THE AREA OF CONCRETE DISTURBED BY THE CUTTING OPERATION SHALL BE RESPRAYED WITH CURING COMPOUND IMMEDIATELY AFTER REMOVING CUTTING EQUIPMENT FROM PAVEMENT.

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	DRAWN - MBB	REVISED -		•	82-1-10N	ST. CLAIR	68	38		
	CHECKED - GEB	REVISED -		•	9166/9180	CONTRACT NO. 76C38				
	DATE - 08/14/09	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT				
SCALE: 1"=30'		SHEET NO. 2 OF 2 SHEETS		STA. ----- TO STA. -----						

8/13/2009 10:39:06 AM

P:\08-0030 CTE TRILEVEL\900.CAD\01_DRAWINGS\04_CONTRACTSHEET\CTV1\GENERAL\DBTRI-76C38-SHT-INTERSECT-01-06.DGN



FILE NAME = DBTRI-76C38-shr-pmk-01-03.dgn
 USER NAME = jdf
 MODEL NAME = DBTRI-76C38-shr-pmk-01
 PLOT SCALE = 1:20
 PLOT DATE = 8/13/2009

DESIGNED - LDT	REVISD -
DRAWN - SMS	REVISD -
CHECKED - GEB	REVISD -
DATE - 08/14/09	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

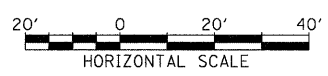
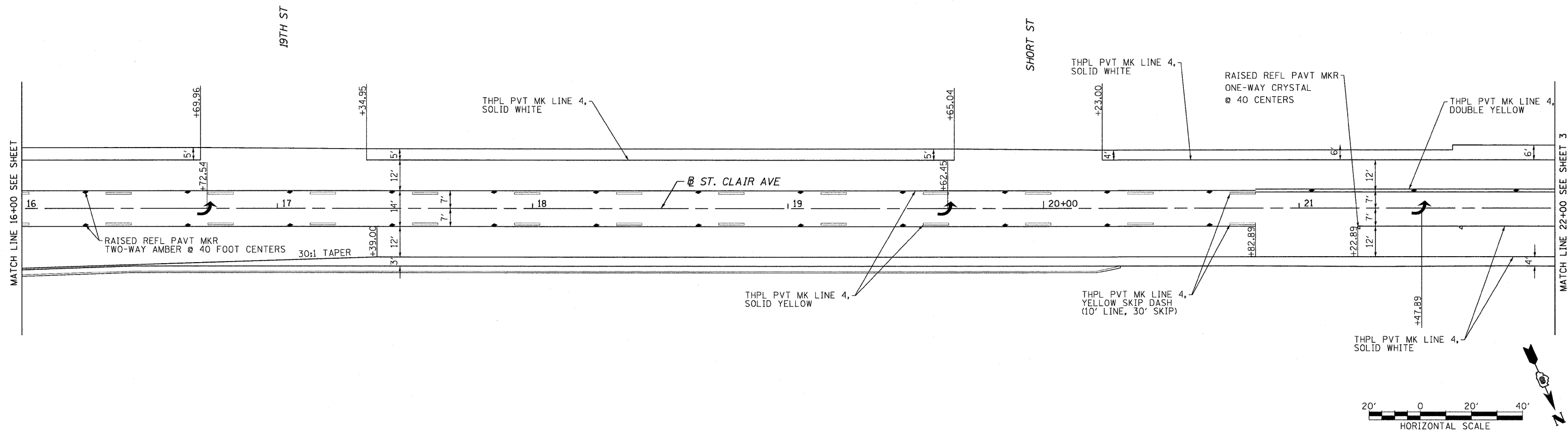
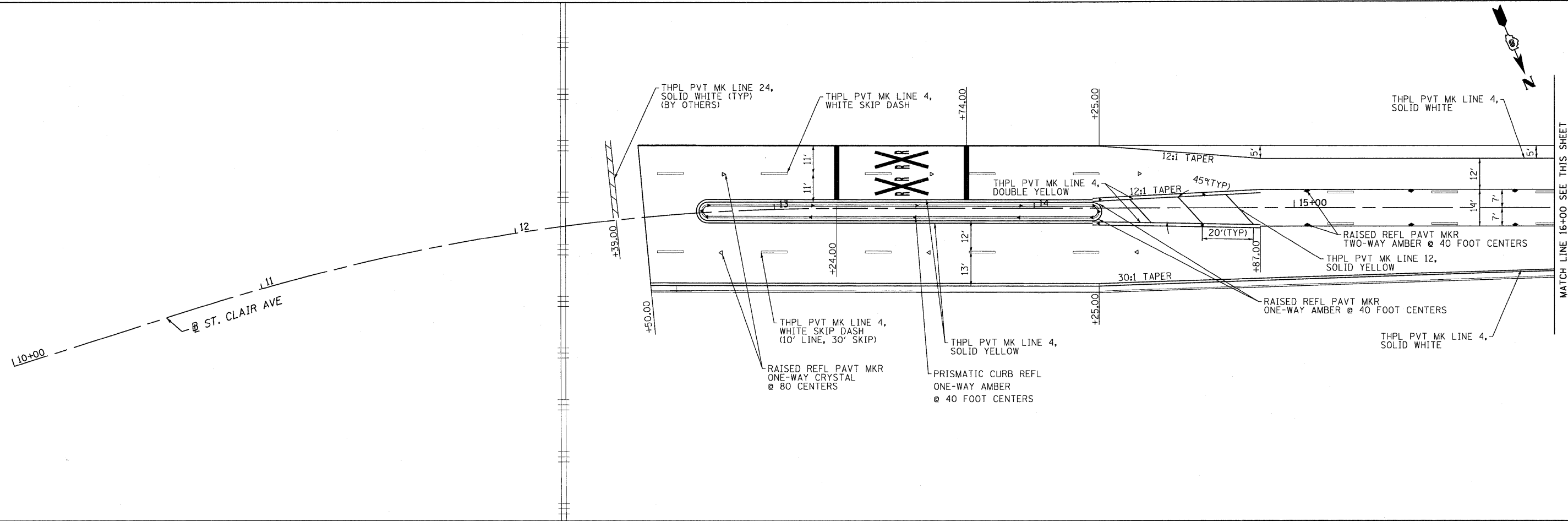
PAVEMENT MARKING PLANS

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 202+00.00 TO STA. 204+90.77

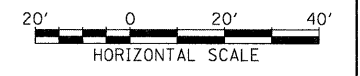
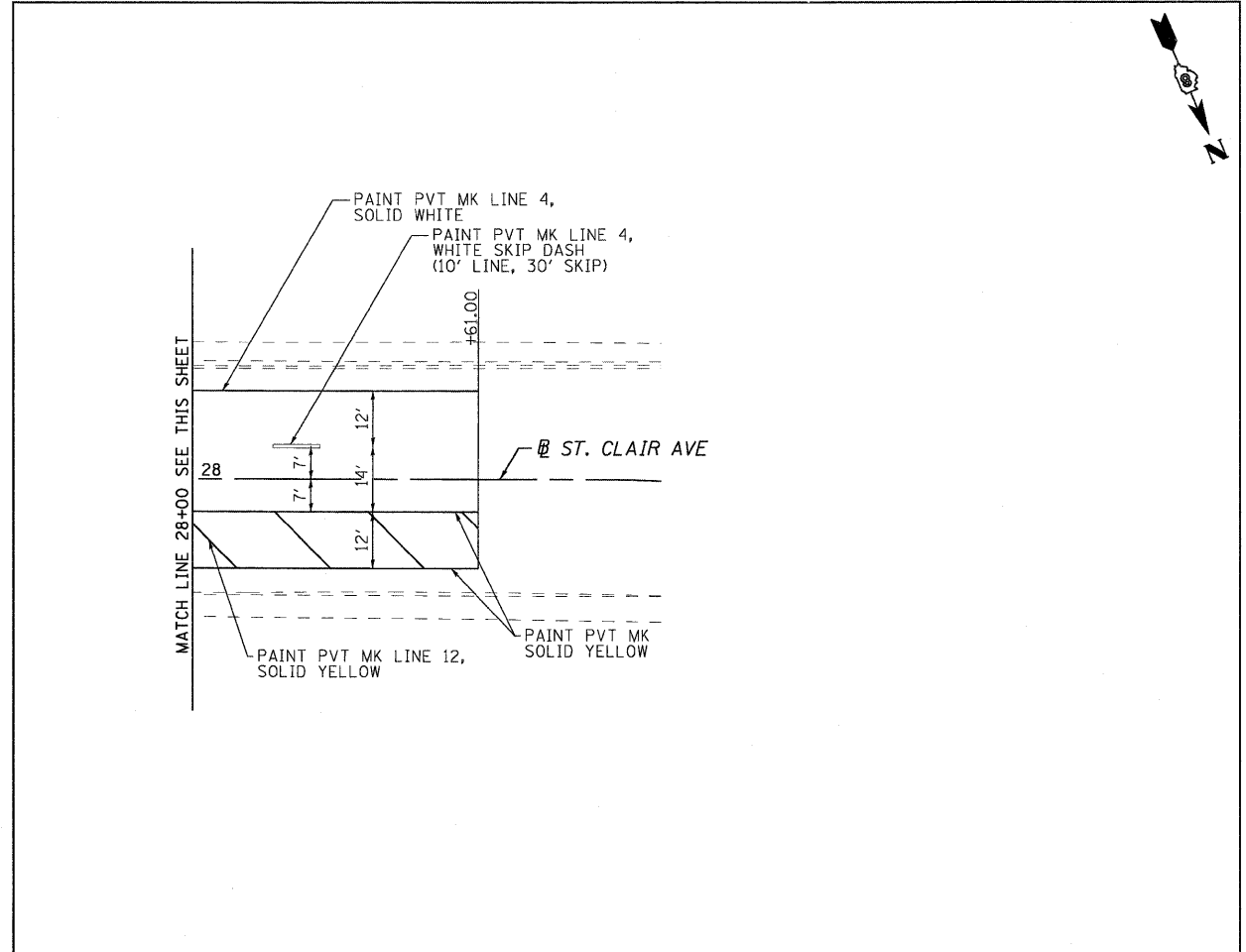
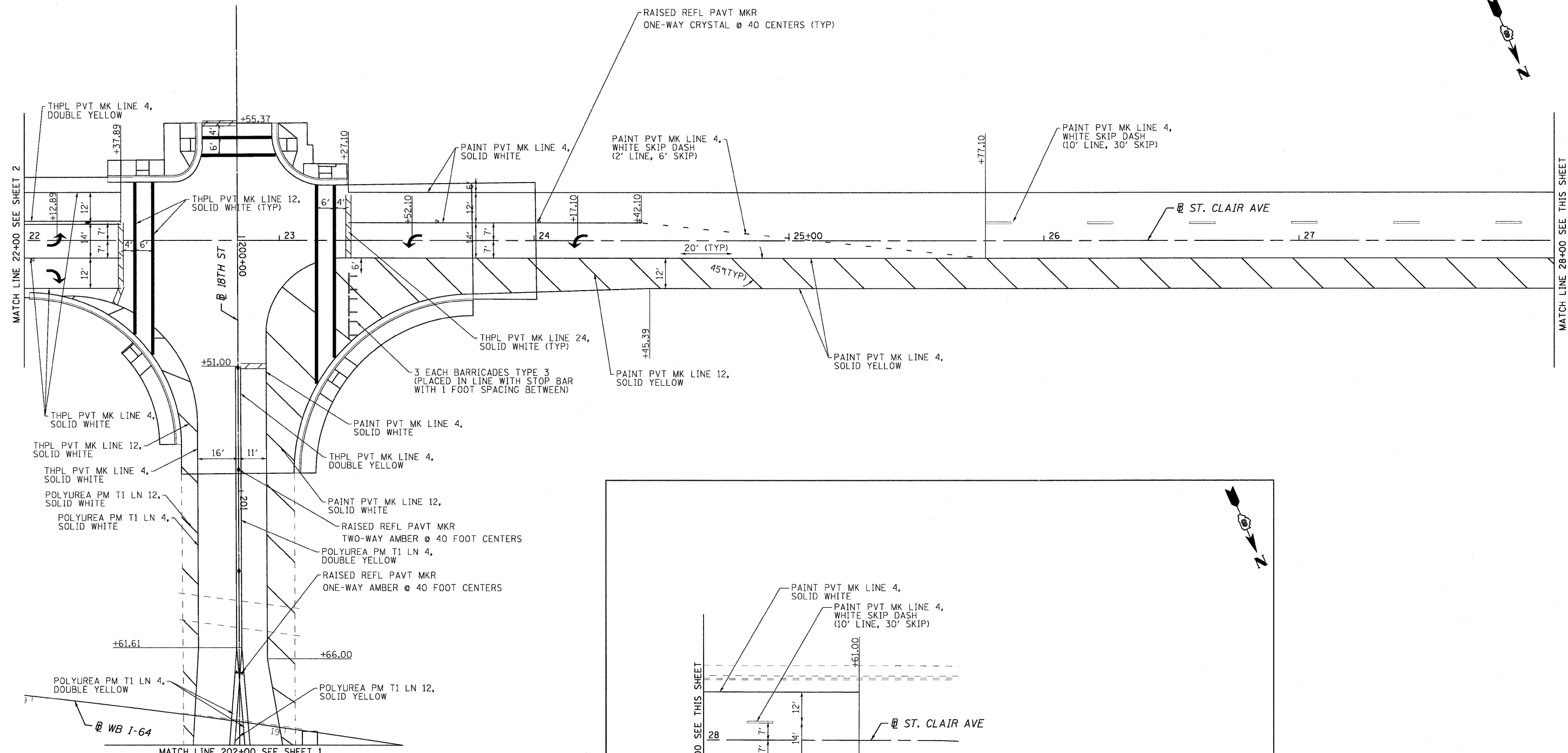
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 9166/9180	82-1-10N	ST. CLAIR	68	39
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 76C38

P:\08-0030 CTE TRI LEVEL 900 CAD\901 DRAWING\84 CONTRACT\SHEET\CI V\1\STI\01 NO. PAVT\MARKING\DBTRI-76C38-SHT-PMK-01-03.DGN



8/13/2009 1:06:38:27 AM FILE NAME = DBTRI-76C38-shr-pmk-01-03.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-shr-pmk-02 PLOT SCALE = 1:20 PLOT DATE = 8/13/2009 DESIGNED - LDT DRAWN - SMS CHECKED - GEB DATE - 08/14/09 REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PAVEMENT MARKING PLANS		F.A.U. RTE.	SECTION 82-1-10N	COUNTY ST. CLAIR	TOTAL SHEETS 68	SHEET NO. 40
	SCALE: 1"=20'		SHEET NO. 2 OF 3 SHEETS		STA. 10+00.00 TO STA. 22+00.00		CONTRACT NO. 76C38		
	9166/9180		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C38		
	8/13/2009 1:06:38:27 AM DBTRI-76C38-shr-pmk-01-03.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-shr-pmk-02 PLOT SCALE = 1:20 PLOT DATE = 8/13/2009 DESIGNED - LDT DRAWN - SMS CHECKED - GEB DATE - 08/14/09 REVISED - REVISED - REVISED - REVISED -								



FILE NAME = DBTRI-76C38-sht-pmk-01-03.dgn USER NAME = jdf MODEL NAME = DBTRI-76C38-sht-pmk-03 PLOT SCALE = 1:20 PLOT DATE = 8/13/2009	DESIGNED - LDT	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLANS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - SMS	REVISD -				•	82-1-10N	ST. CLAIR	68	41
	CHECKED - GEB	REVISD -				• 9166/9180		CONTRACT NO. 76C38		
	DATE - 08/14/09	REVISD -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

P:\08-0038 CTE TRILEVEL\900-CAD\01-DRAWINGS\04-CONTRACT\SHEET\01-VL\SIGNING-PAVEMARKING\DBTRI-76C38-SHT-PMK-01-03.DGN

LANDSCAPE INSTALLATION GENERAL NOTES:

1. 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)

2. VERIFICATION OF DIMENSIONS AND GRADES, BOTH EXISTING AND PROPOSED, SHALL BE THE CONTRACTOR'S RESPONSIBILITY PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ROADSIDE MANAGEMENT SPECIALIST, RON CHLOPEK, 618-346-3286 OF ANY DISCREPANCIES.
3. ALL SURFACE DRAINAGE SHALL BE DIRECTED AWAY FROM STRUCTURES. SURFACE DRAINAGE SHALL BE DIRECTED TO EXISTING DRAINAGE STRUCTURES DESIGNATED FOR THE COLLECTION OF SURFACE RUN-OFF.
4. CONTRACTOR SHALL REPAIR IN KIND ANY AREAS DAMAGED AS A RESULT OF LANDSCAPE OPERATIONS AT NO ADDITIONAL COST TO THE CONTRACT.

*D8TR1-38-BORDERL00N
 8-12-2009, 13:01:35
 ATHYALAS
 G:\C-WORKSPACE\ATHYALAS\M-FS-804\4-D-TRANS-07\2202\2008B-001\CIVIL\CAD\99 ALL CONTRACTS\TRASHETS CONTRACT 76C38\08TR1-38-SHT-LANDSCAP1.DGN

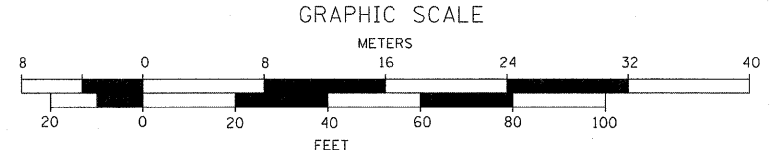
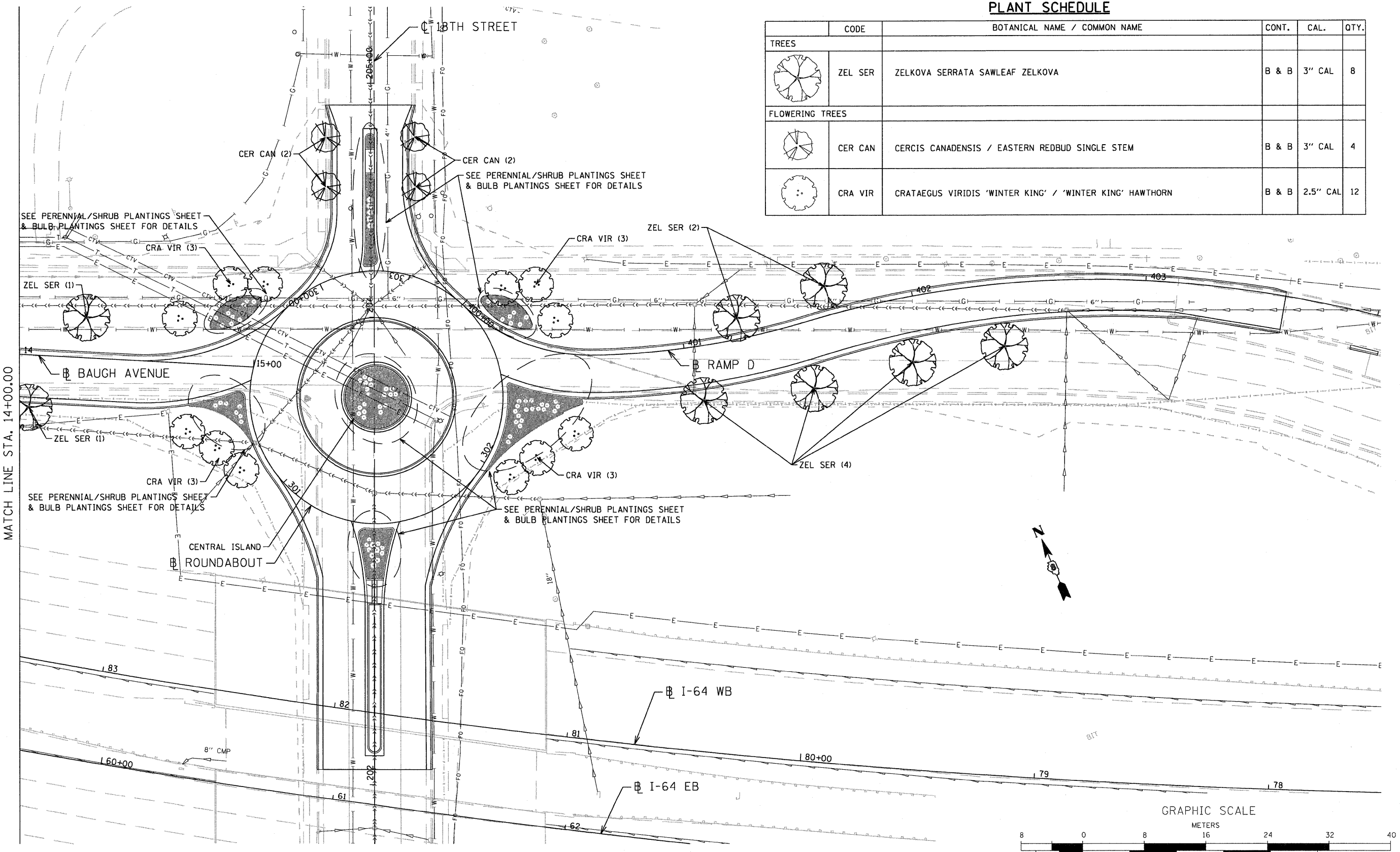
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	PLOT DATE = 8-12-2009	CHECKED - AL	REVISED -				*9166/9180				CONTRACT NO. 76C38
		DATE - 08/14/09	REVISED -			SCALE: N/A	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



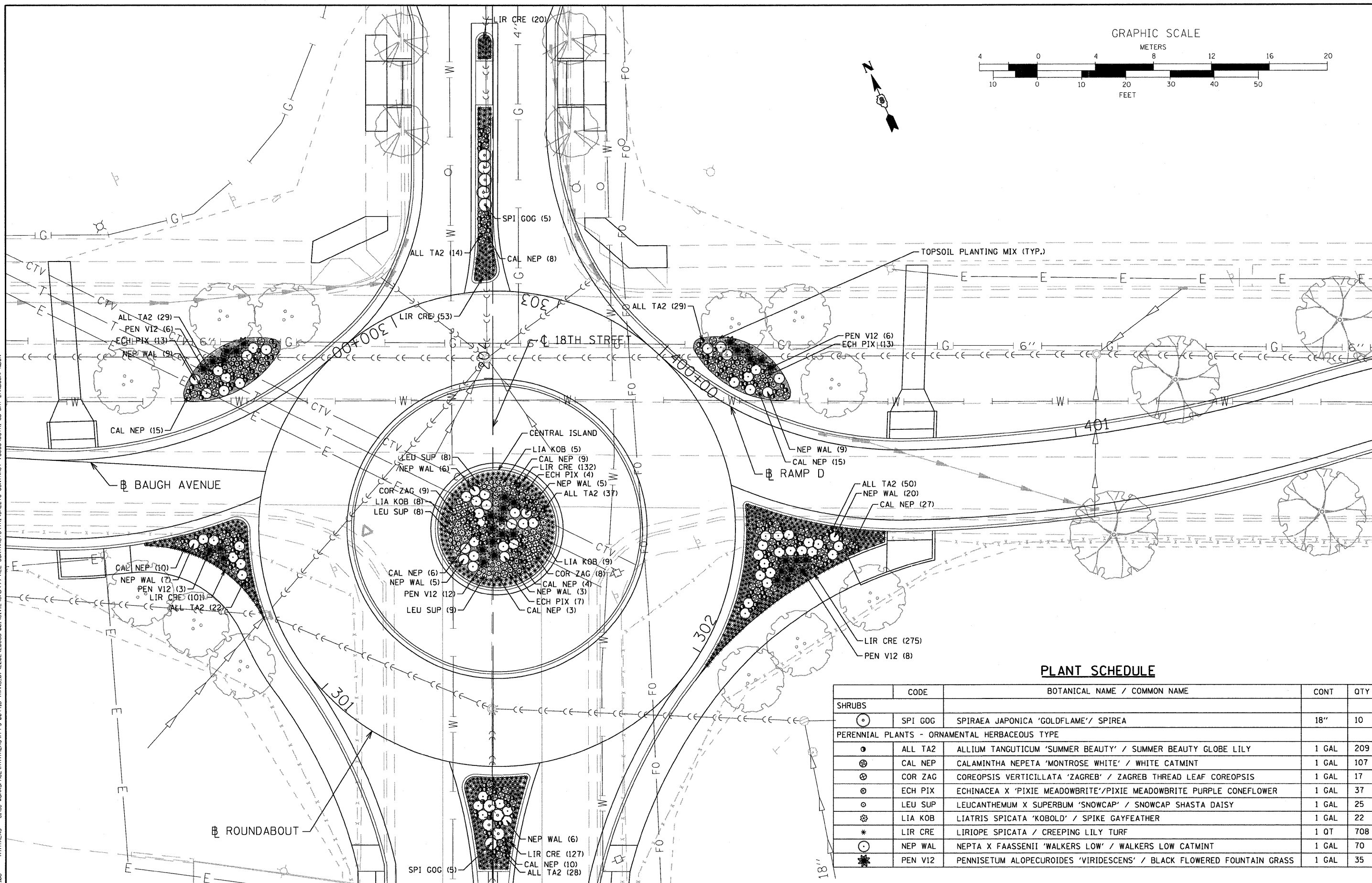
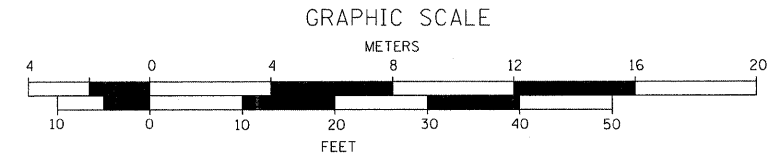
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PLANT SCHEDULE

	CODE	BOTANICAL NAME / COMMON NAME	CONT.	CAL.	QTY.
TREES					
	ZEL SER	ZELKOVA SERRATA SAWLEAF ZELKOVA	B & B	3" CAL	8
FLOWERING TREES					
	CER CAN	CERCIS CANADENSIS / EASTERN REDBUD SINGLE STEM	B & B	3" CAL	4
	CRA VIR	CRATAEGUS VIRIDIS 'WINTER KING' / 'WINTER KING' HAWTHORN	B & B	2.5" CAL	12

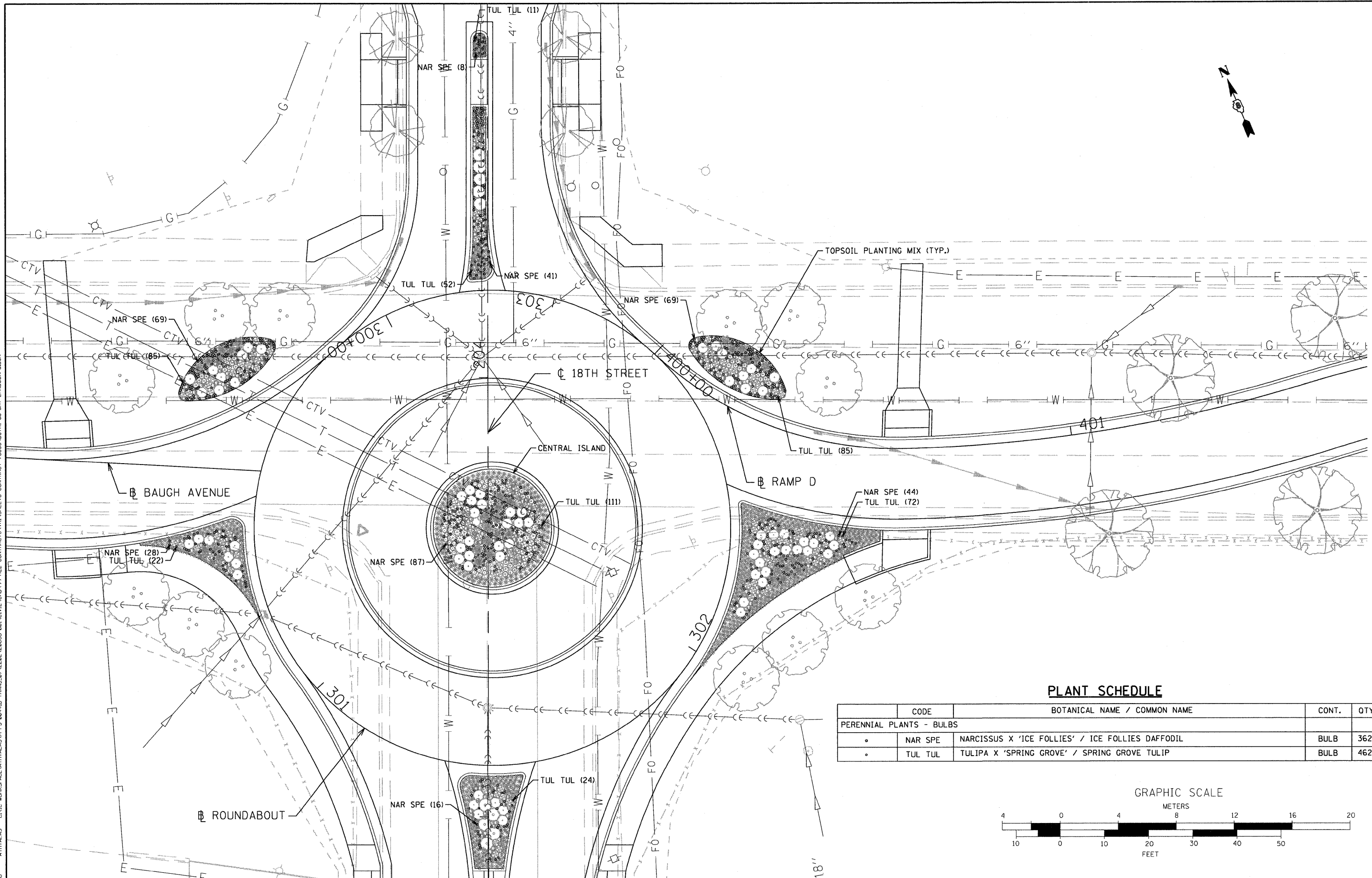


FILE NAME = #FILEL\$	USER NAME = #USER#	DESIGNED - JM DRAWN - SA CHECKED - AL DATE - 08/14/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION	LANDSCAPE PLAN TREES SHEET 1 OF 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = #SCALE# PLOT DATE = 8-12-2009	SCALE: 1" = 20'	SHEET NO.			OF	SHEETS	STA.	TO	STA.
						82-1-10N	ST. CLAIR	68	43	CONTRACT NO. 76C38



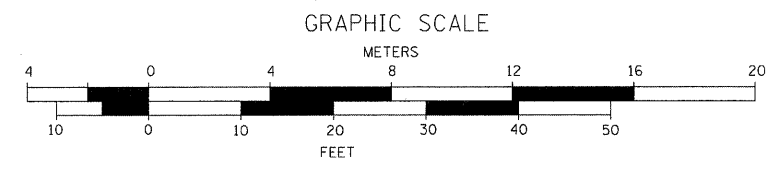
PLANT SCHEDULE

CODE	BOTANICAL NAME / COMMON NAME	CONT	QTY
SHRUBS			
⊙	SPI GOG SPIRAEA JAPONICA 'GOLDFLAME' / SPIREA	18"	10
PERENNIAL PLANTS - ORNAMENTAL HERBACEOUS TYPE			
⊙	ALL TA2 ALLIUM TANGUTICUM 'SUMMER BEAUTY' / SUMMER BEAUTY GLOBE LILY	1 GAL	209
⊙	CAL NEP CALAMINTHA NEPETA 'MONTROSE WHITE' / WHITE CATMINT	1 GAL	107
⊙	COR ZAG COREOPSIS VERTICILLATA 'ZAGREB' / ZAGREB THREAD LEAF COREOPSIS	1 GAL	17
⊙	ECH PIX ECHINACEA X 'PIXIE MEADOWBRITE' / PIXIE MEADOWBRITE PURPLE CONEFLOWER	1 GAL	37
⊙	LEU SUP LEUCANTHEMUM X SUPERBUM 'SNOWCAP' / SNOWCAP SHASTA DAISY	1 GAL	25
⊙	LIA KOB LIATRIS SPICATA 'KOBOLD' / SPIKE GAYFEATHER	1 GAL	22
*	LIR CRE LIRIOPE SPICATA / CREEPING LILY TURF	1 QT	708
⊙	NEP WAL NEPTA X FAASSENII 'WALKERS LOW' / WALKERS LOW CATMINT	1 GAL	70
⊙	PEN V12 PENNISETUM ALOPECUROIDES 'VIRIDESCENS' / BLACK FLOWERED FOUNTAIN GRASS	1 GAL	35

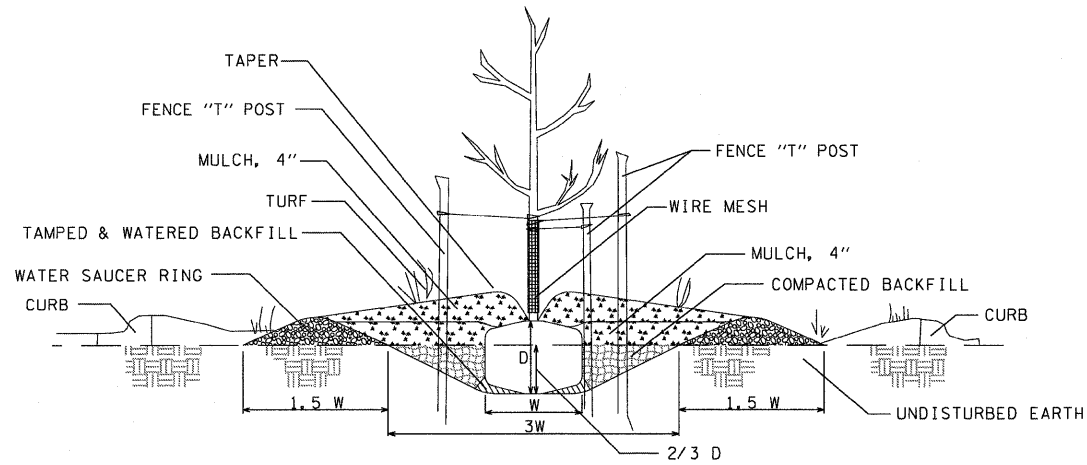


PLANT SCHEDULE

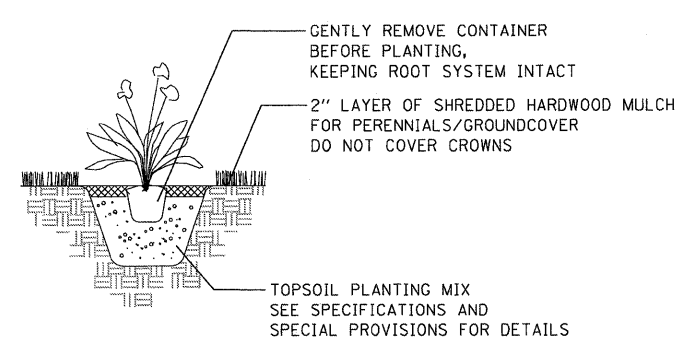
CODE	BOTANICAL NAME / COMMON NAME	CONT.	QTY
PERENNIAL PLANTS - BULBS			
• NAR SPE	NARCISSUS X 'ICE FOLLIES' / ICE FOLLIES DAFFODIL	BULB	362
• TUL TUL	TULIPA X 'SPRING GROVE' / SPRING GROVE TULIP	BULB	462



TENG & ASSOCIATES, INC. ENGINEERS ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	FILE NAME =	USER NAME = #USER#	DESIGNED - JM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION	LANDSCAPE PLAN BULB PLANTINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	#FILE#	PLOT SCALE = #SCALE#	DRAWN - SA	REVISED -			•	82-1-10N	ST. CLAIR	68	46		
	8-12-2009, 13:21:18	PLOT DATE = 8-12-2009	CHECKED - AL	REVISED -			#9166/9180		CONTRACT NO. 76C38				
						SCALE: 1" = 10'	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

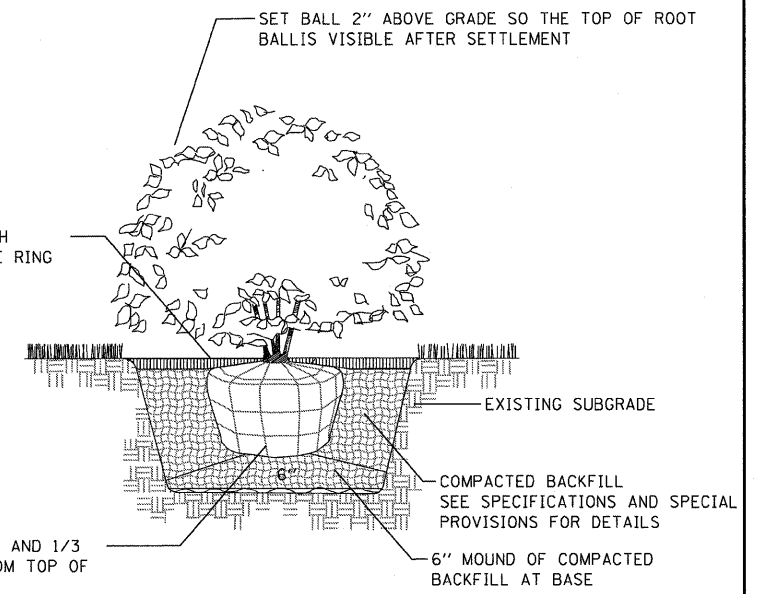


1 PARKWAY PLANTING DETAIL
NOT TO SCALE

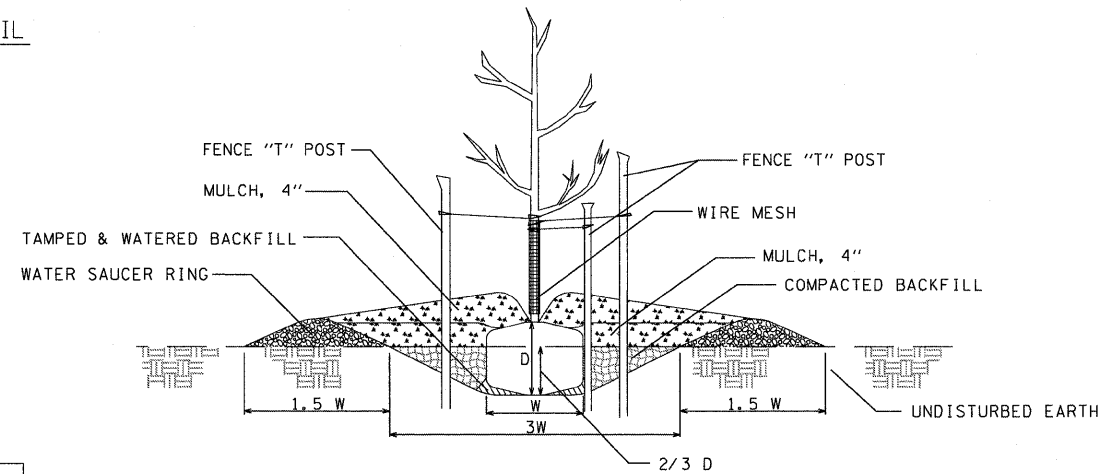


3 PERENNIAL/GROUNDCOVER PLANTING DETAIL
NOT TO SCALE

NOTE: PLANTING RELATIONSHIPS VARY
SEE LANDSCAPE PLAN FOR DETAILS



4 SHRUB PLANTING DETAIL
NOT TO SCALE



2 FLAT GROUND PLANTING DETAIL
NOT TO SCALE

NOTE: PRUNING SHALL NOT CHANGE THE HABIT OF THE TREE. ALL CUTS SHALL BE MADE JUST OUTSIDE THE BRANCH BARK RIDGE AND COLLAR, ANGLING AWAY FROM THE STEM. PRUNING SHALL BE LIMITED TO THE REMOVAL OF COMPETING LEADERS, OR DEAD, RUBBING, BROKEN OR DAMAGED BRANCHES AND ONLY AT THE DIRECTION OF THE COMMISSIONER.

TREE PLANTING SCHEDULE

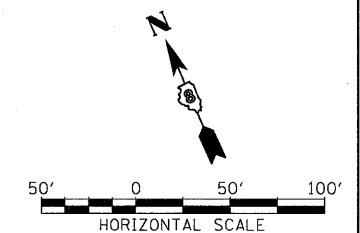
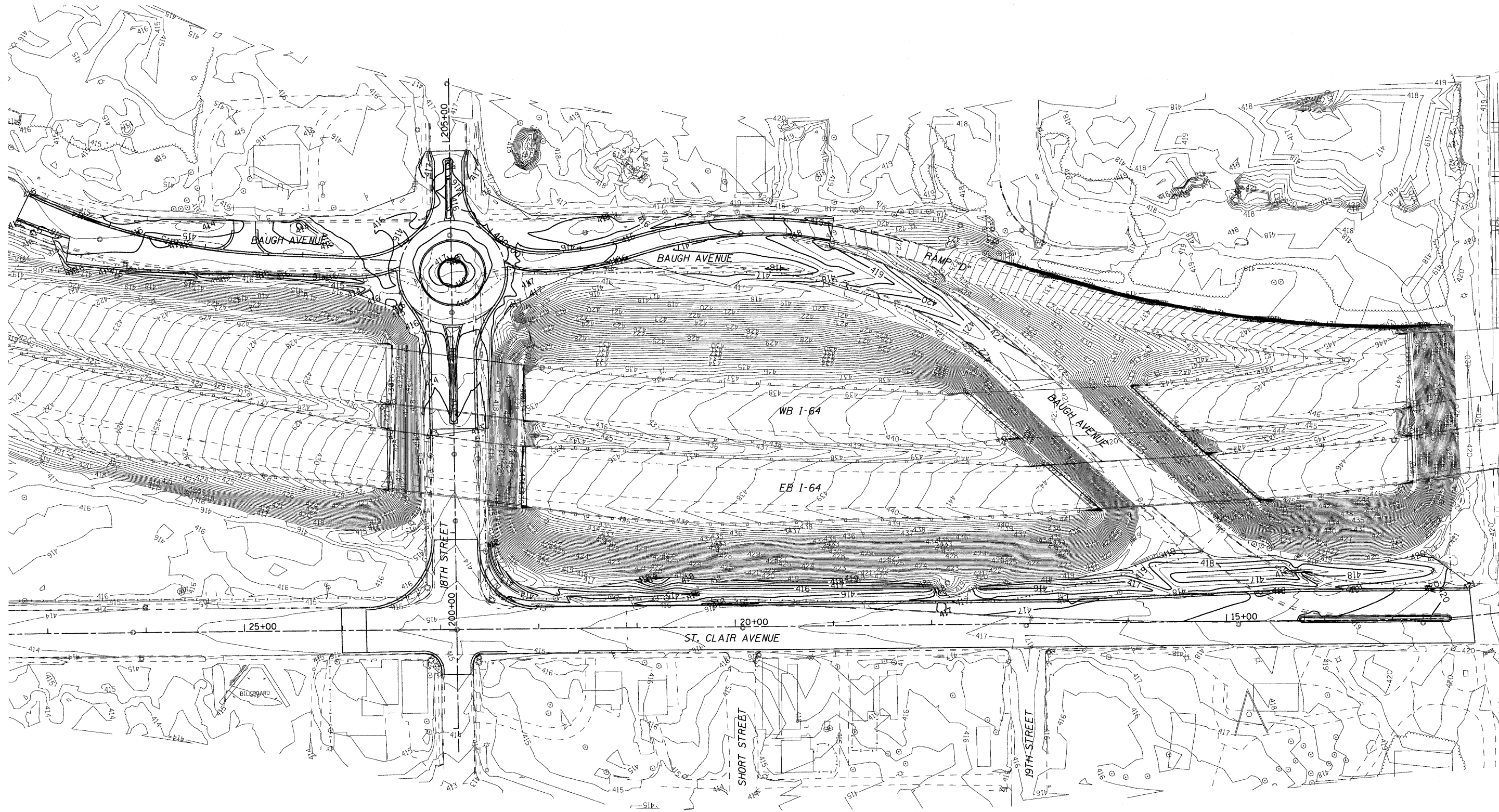
TREE SIZE CALIPER		SHRUB TREE HEIGHT		EVERGREEN HT.		MIN DIAMETER BALL W		MIN DEPTH BALL D		HOLE DEPTH 2/3 D		HOLE DEPTH 3 W	
6mm	1/4 IN	600mm	2 FT	500mm	1.5 FT	255mm	10 IN	190mm	10 IN	130mm	5 IN	760mm	30 IN
13	1/2	900	3	600	2	300	12	230	12	150	6	900	36
19	3/4	1250	4	900	3	355	14	270	14	180	7	1070	42
25	1	1500	5	1250	4	400	16	300	16	205	8	1220	48
30	1 1/4	1800	6	1375	4 1/2	460	18	345	18	230	9	1375	54
40	1 1/2	2000	7	1500	5	500	20	345	20	230	9	1525	60
45	1 3/4	2500	8	1800	6	560	22	370	22	255	10	1680	66
50	2	2700	9	2000	7	600	24	400	24	280	11	1830	72
60	2 1/2	3000	10	2500	8	700	28	470	28	300	12	2140	84
80	3	3500	11	2700	9	800	32	500	32	330	13	2440	96

PLANT SCHEDULE

	CODE	BOTANICAL NAME / COMMON NAME	CONT.	CAL.	QTY.
TREES					
	TAX DIS	TAXODIUM DISTICHUM / COMMON BALD CYPRESS	B & B	3" CAL	3
	ZEL SER	ZELKOVA SERRATA SAWLEAF ZELKOVA	B & B	3" CAL	11
FLOWERING TREES					
	CER CAN	CERCIS CANADENSIS / EASTERN REDBUD SINGLE STEM	B & B	3" CAL	4
	CRA VIR	CRATAEGUS VIRIDIS 'WINTER KING' / 'WINTER KING' HAWTHORN	B & B	2.5" CAL	12
SHRUBS					
	SPI GOG	SPIRAEA JAPONICA 'GOLDFLAME' / SPIREA	18"		10
PERENNIAL PLANTS - ORNAMENTAL HERBACEOUS TYPE					
	ALL TA2	ALLIUM TANGUTICUM 'SUMMER BEAUTY' / SUMMER BEAUTY GLOBE LILY	1 GAL		209
	CAL NEP	CALAMINTHA NEPETA 'MONTROSE WHITE' / WHITE CATMINT	1 GAL		107
	COR ZAG	COREOPSIS VERTICILLATA 'ZAGREB' / ZAGREB THREAD LEAF COREOPSIS	1 GAL		17
	ECH PIX	ECHINACEA X 'PIXIE MEADOWBRITE' / PIXIE MEADOWBRITE PURPLE CONEFLOWER	1 GAL		37
	LEU SUP	LEUCANTHEMUM X SUPERBUM 'SNOWCAP' / SNOWCAP SHASTA DAISY	1 GAL		25
	LIA KOB	LIATRIS SPICATA 'KOBOLD' / SPIKE GAYFEATHER	1 GAL		22
	LIR CRE	LIRIOPE SPICATA / CREEPING LILY TURF	1 QT		708
	NEP WAL	NEPTA X FAASSENII 'WALKERS LOW' / WALKERS LOW CATMINT	1 GAL		70
	PEN V12	PENNISETUM ALOPECUROIDES 'VIRIDESCENS' / BLACK FLOWERED FOUNTAIN GRASS	1 GAL		35
BULBS					
	NAR SPE	NARCISSUS X 'ICE FOLLIES' / ICE FOLLIES DAFFODIL	BULB		362
	TUL TUL	TULIPA X 'SPRING GROVE' / SPRING GROVE TULIP	BULB		462

8-12-2009, 13:32:29
 ATRHYALAS
 CATC-WORKSPACE\ATHRYALAS\W-FS-0814.D-TRANS.07\2202\2008-001\CIVIL\CAD\99 ALL CONTRACTS\TRNSHEETS CONTRACT 76C38\08TRI-38-SHT-LANDSCAPE.DGN
 08TRI-38-BORDERLGN





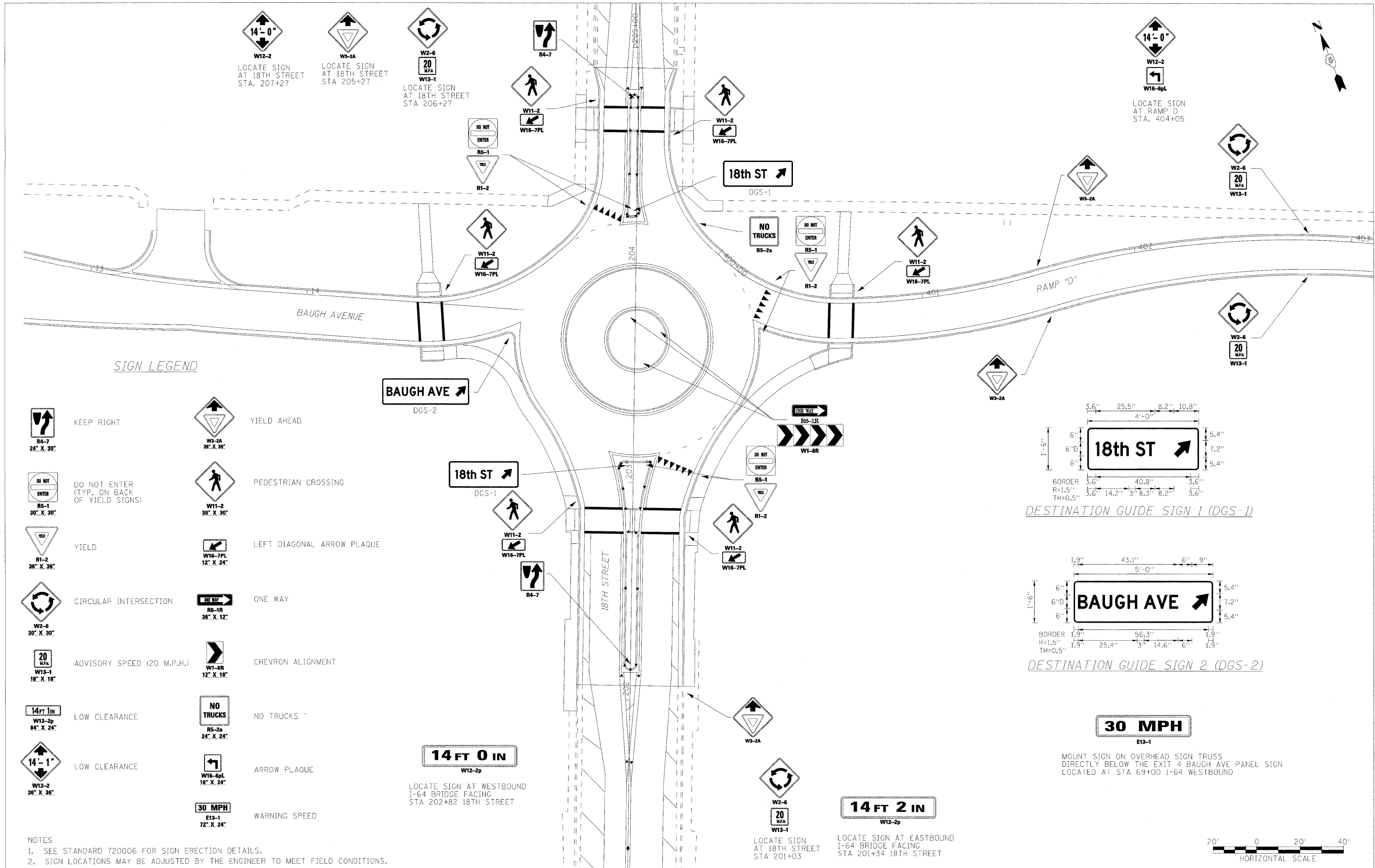
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GRADING PLAN

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MODEL NAME = DBTRI-76C38-sht-grading-01	DRAWN - JDF	REVISIONS	REVISIONS
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PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISIONS	REVISIONS

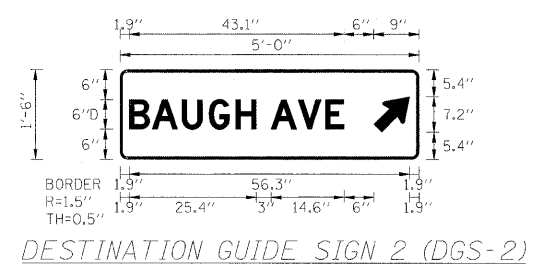
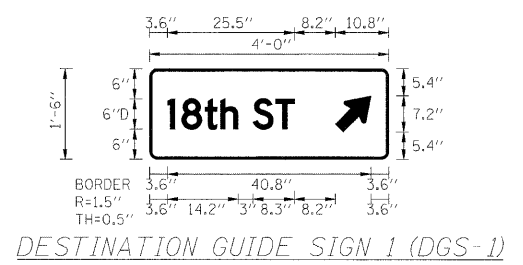
SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	STA. ----- TO STA. -----	F.A.U. RTE. 9166/9180	SECTION 82-1-10N	COUNTY ST. CLAIR	TOTAL SHEETS 68	SHEET NO. 48
			CONTRACT NO. 76C38				
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

P:\28-0030 DTE TRI LEVEL 900 CAD\901 DRAWINGS\B4 CONTRACT\SHEET\CVI\ROADWAY PLANS\DBTRI-76C38-SHT-GRADING-01.DGN



SIGN LEGEND

	KEEP RIGHT R4-7 24" X 30"		YIELD AHEAD W3-2A 36" X 36"
	DO NOT ENTER (TYP. ON BACK OF YIELD SIGNS) R5-1 30" X 30"		PEDESTRIAN CROSSING W11-2 30" X 30"
	YIELD R1-2 36" X 36"		LEFT DIAGONAL ARROW PLAQUE W16-7PL 12" X 24"
	CIRCULAR INTERSECTION W2-6 30" X 30"		ONE WAY R6-1R 36" X 12"
	ADVISORY SPEED (20 M.P.H.) W13-1 18" X 18"		CHEVRON ALIGNMENT W1-8R 12" X 18"
	LOW CLEARANCE W12-2p 84" X 24"		NO TRUCKS R5-2a 24" X 24"
	LOW CLEARANCE W12-2 36" X 36"		ARROW PLAQUE W16-6pL 18" X 24"
			WARNING SPEED E13-1 72" X 24"



30 MPH
E13-1

MOUNT SIGN ON OVERHEAD SIGN TRUSS DIRECTLY BELOW THE EXIT 4 BAUGH AVE PANEL SIGN LOCATED AT STA 69+00 I-64 WESTBOUND



NOTES
 1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

14 FT 0 IN
W12-2p
LOCATE SIGN AT WESTBOUND I-64 BRIDGE FACING STA 202+82 18TH STREET

14 FT 2 IN
W12-2p
LOCATE SIGN AT EASTBOUND I-64 BRIDGE FACING STA 201+34 18TH STREET

LOCATE SIGN AT 18TH STREET STA 201+03

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**18TH ST AND RAMP "D"
SIGNING PLAN, SCHEDULE AND DETAILS**

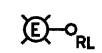
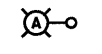
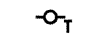








SCALE: 1/2"=20'	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	F.A.U. RTE. *	SECTION 82-1-10N	COUNTY ST. CLAIR	TOTAL SHEETS 68	SHEET NO. 49
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 MODEL NAME = DBTRI-76C38-sht-signs-01
 PLOT SCALE = 1:20
 PLOT DATE = 10/1/2009



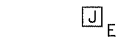
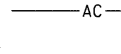
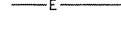
DESIGNED - WBB	REVISED -
DRAWN - WBB	REVISED -
CHECKED - GEB	REVISED -
DATE - 08/14/09	REVISED -

* 9166/9180 CONTRACT NO. 76C38
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT


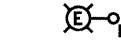
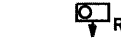
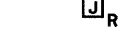


ELECTRICAL SYMBOLS FOR PROPOSED WORK

-  RELOCATED CONVENTIONAL LIGHTING UNIT; ON NEW CONCRETE FOUNDATION AS SHOWN THE PLANS
-  PROPOSED LIGHTING UNIT BY AMEREN (SHOWN FOR INFORMATION ONLY)
-  TEMPORARY WOOD POLE; 50 FOOT LENGTH (10 FOOT BURIED, 40 FOOT INSTALLED HEIGHT)
-  UNDERPASS LIGHTING UNIT; 70 WATT HPS LUMINAIRE (PRIMARY DISTRIBUTION DIRECTION AS INDICATED BY ARROW)
-  JUNCTION BOX; TYPE AND SIZE AS INDICATED ON PLANS
-  LIQUID-TIGHT FLEXIBLE CONDUIT
-  TEMPORARY AERIAL CABLE
-  RACEWAY OR DIRECT BURIAL CABLE UNDERGROUND WITHOUT ENCASEMENT
-  RACEWAY ATTACHED TO STRUCTURE
-  CONDUIT TURNED DOWN
-  CONDUIT TURNED UP

ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

-  EXISTING LIGHTING UNIT TO REMAIN
-  EXISTING UNDERPASS LIGHTING UNIT TO REMAIN
-  EXISTING JUNCTION BOX TO REMAIN
-  EXISTING AERIAL CABLE
-  EXISTING RACEWAY OR DIRECT BURIED CABLE

ELECTRICAL SYMBOLS FOR REMOVAL WORK

-  EXISTING CONVENTIONAL LIGHTING UNIT AND CONCRETE FOUNDATION TO BE REMOVED
-  EXISTING CONVENTIONAL LIGHTING UNIT TO BE REMOVED AND RELOCATED (CONCRETE FOUNDATION TO BE REMOVED)
-  EXISTING UNDERPASS LIGHTING UNIT TO BE REMOVED
-  EXISTING JUNCTION BOX TO BE REMOVED
-  EXISTING AERIAL CABLE TO BE ABANDONED
-  EXISTING RACEWAY OR DIRECT BURIED CABLE TO BE ABANDONED

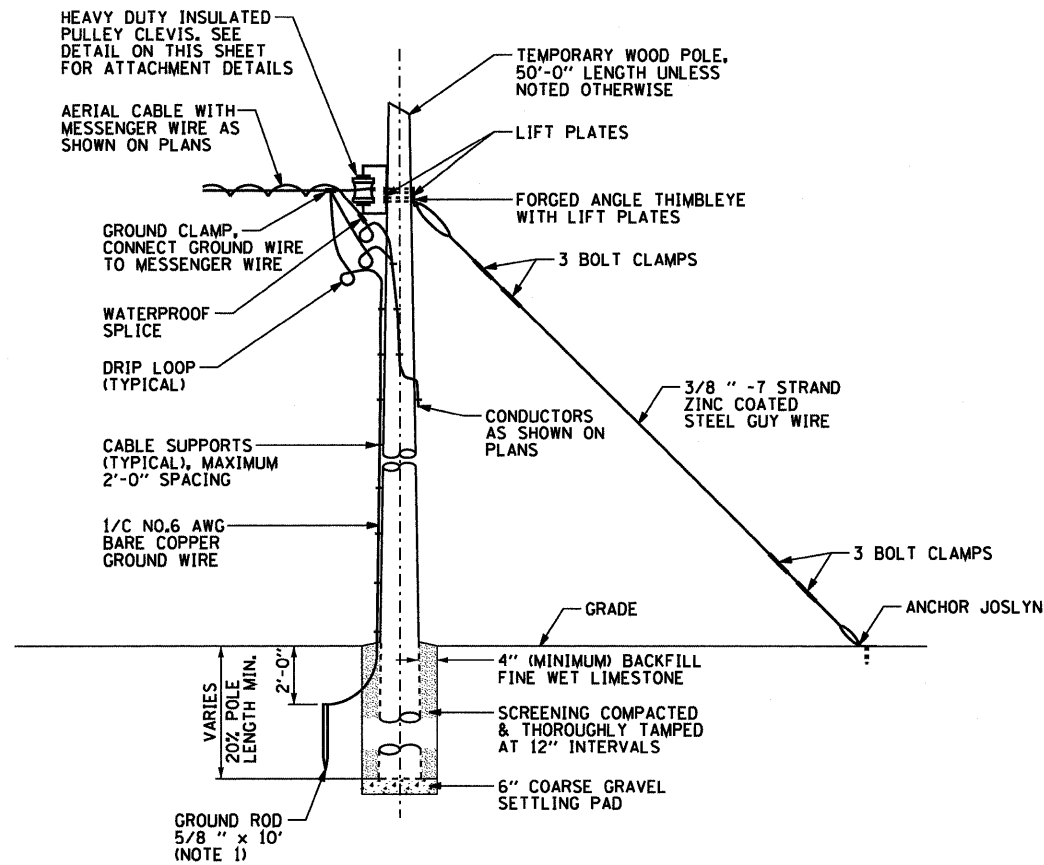
ABBREVIATIONS

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
EOR	EDGE OF ROADWAY	SCH 40	SCHEDULE 40
FT	FOOT, FEET	SCH 80	SCHEDULE 80
FDN	FOUNDATION	SHT	SHEET
GND, GRD	GROUND	SS	STAINLESS STEEL
HPS	HIGH PRESSURE SODIUM	STA	STATION
I	INTERSTATE	STD	STANDARD
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCT	STRUCTURE
IN	INCHES	T	TEMPORARY
J, JB	JUNCTION BOX	TEL	TELEPHONE
KVA	KILOVOLT-AMPERE	TS	TRAFFIC SIGNAL
KW	KILOWATT	TYP	TYPICAL
LF	LINEAR FEET	UD	UNIT DUCT
LT	LEFT	UNO	UNLESS NOTED OTHERWISE
MA	MAST ARM(S)	V	VOLT
N/A	NOT APPLICABLE	W	WATT, WIRE
NB	NORTHBOUND	WB	WESTBOUND
NIC	NOT IN CONTRACT	WM	WALL MOUNTED
NO	NUMBER	WP	WOOD POLE
		XFMR	TRANSFORMER

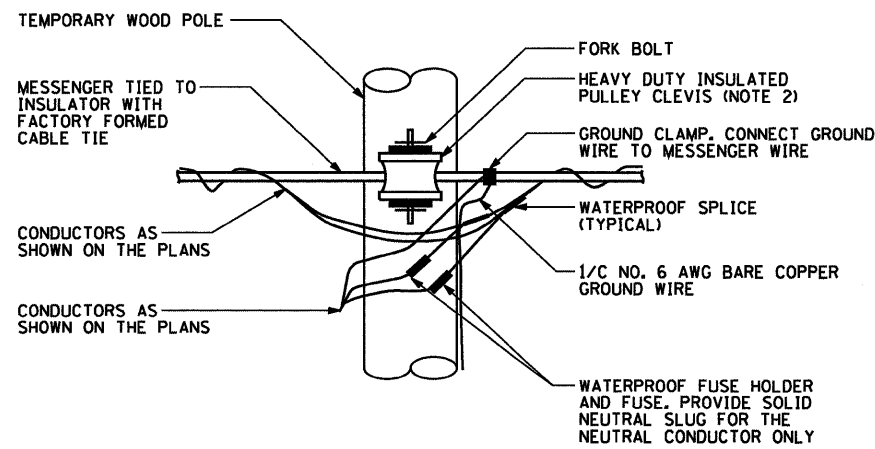
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	PLOT SCALE = 1:0000' / IN.	DRAWN - TCL	REVISED -			•	82-1-10N	ST. CLAIR	68	50
PLOT DATE = 8/5/2009	CHECKED - JSF	DATE - 08/14/09	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 76C38		
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES:

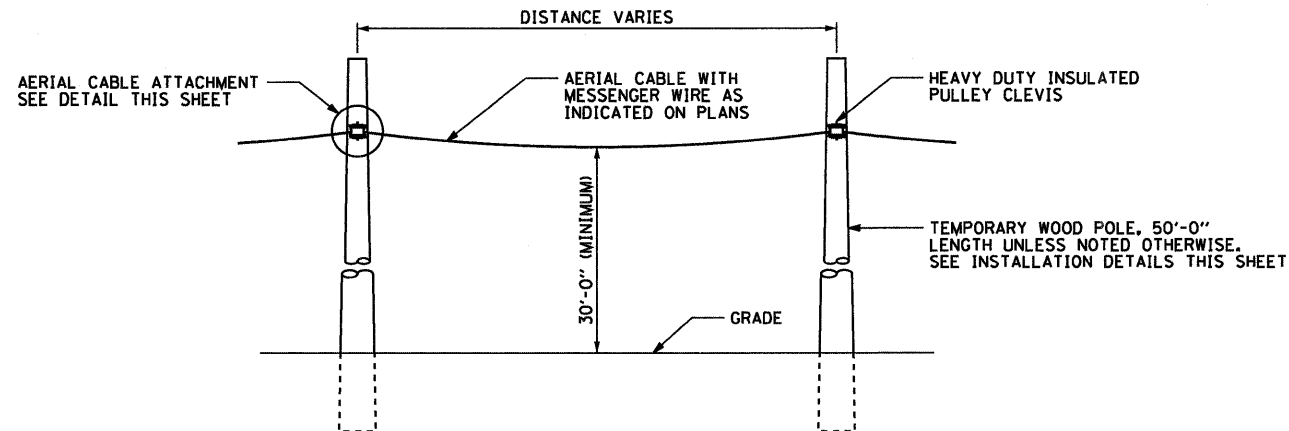
1. GROUND RODS SHALL BE INSTALLED FOR ALL TEMPORARY LIGHTING UNIT WOOD POLES AND AT THE END OF AN AERIAL RUN AS SHOWN ON THIS DRAWING.
2. HEAVY DUTY INSULATED PULLEY CLEVIS AND ALL ASSOCIATED HARDWARE REQUIRED FOR A COMPLETE INSTALLATION WILL BE INCLUDED FOR PAYMENT UNDER THE APPROPRIATE TEMPORARY WOOD POLE PAY ITEM.
3. CONTRACTOR MUST PROVIDE ALL HARDWARE NECESSARY FOR A COMPLETE INSTALLATION.



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



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

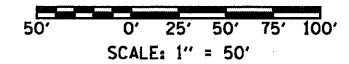
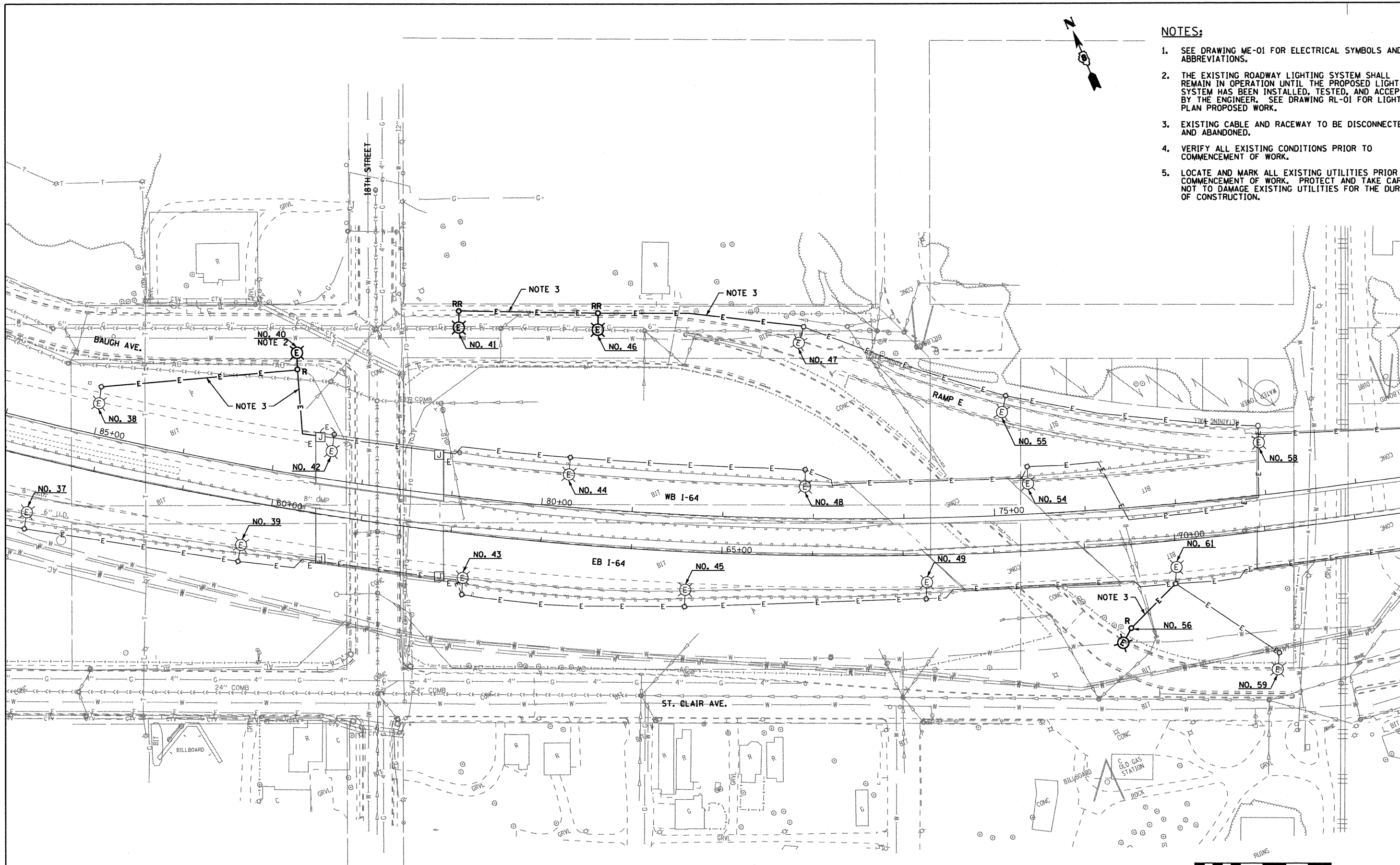


AERIAL CABLE INSTALLATION DETAIL
(NOT TO SCALE)

FILE NAME = DBTRI-76C38-shr-Light-82.dgn	USER NAME = lantzt	DESIGNED - JPC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS TEMPORARY POWER AND WOOD POLE DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:0000' / IN.	DRAWN - TCL	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	9166/9180	82-1-10N	ST. CLAIR	68
PLOT DATE = 8/5/2009	CHECKED - JSF	DATE - 08/14/09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C38	

NOTES:

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. THE EXISTING ROADWAY LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING SYSTEM HAS BEEN INSTALLED, TESTED, AND ACCEPTED BY THE ENGINEER. SEE DRAWING RL-01 FOR LIGHTING PLAN PROPOSED WORK.
3. EXISTING CABLE AND RACEWAY TO BE DISCONNECTED AND ABANDONED.
4. VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
5. LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK. PROTECT AND TAKE CARE NOT TO DAMAGE EXISTING UTILITIES FOR THE DURATION OF CONSTRUCTION.

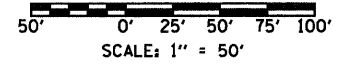
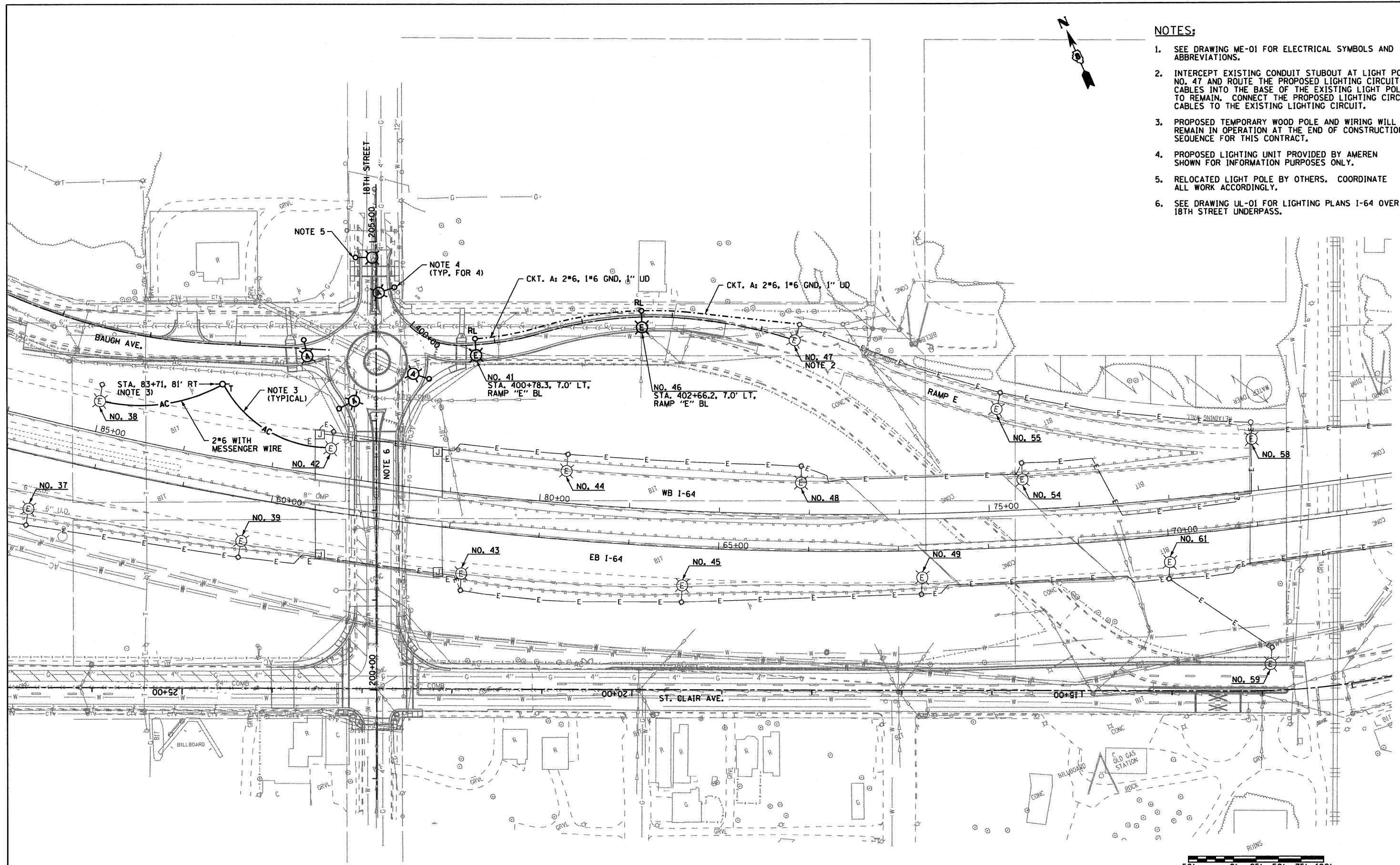


EL-01

FILE NAME = DBTRI-76C38-shr-Light-83.dgn	USER NAME = jantzt	DESIGNED - JPC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING PLANS EXISTING CONDITIONS AND DEMOLITION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN - TCL	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. 57+00 TO STA. 72+50	• 82-1-10N	ST. CLAIR	68	52
PLOT DATE = 8/5/2009	CHECKED - JSF	DATE - 08/14/09	REVISED -				• 9166/9180		CONTRACT NO. 76C38		
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

NOTES:

1. SEE DRAWING ME-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. INTERCEPT EXISTING CONDUIT STUBOUT AT LIGHT POLE NO. 47 AND ROUTE THE PROPOSED LIGHTING CIRCUIT CABLES INTO THE BASE OF THE EXISTING LIGHT POLE TO REMAIN. CONNECT THE PROPOSED LIGHTING CIRCUIT CABLES TO THE EXISTING LIGHTING CIRCUIT.
3. PROPOSED TEMPORARY WOOD POLE AND WIRING WILL REMAIN IN OPERATION AT THE END OF CONSTRUCTION SEQUENCE FOR THIS CONTRACT.
4. PROPOSED LIGHTING UNIT PROVIDED BY AMEREN SHOWN FOR INFORMATION PURPOSES ONLY.
5. RELOCATED LIGHT POLE BY OTHERS. COORDINATE ALL WORK ACCORDINGLY.
6. SEE DRAWING UL-01 FOR LIGHTING PLANS 1-64 OVER 18TH STREET UNDERPASS.

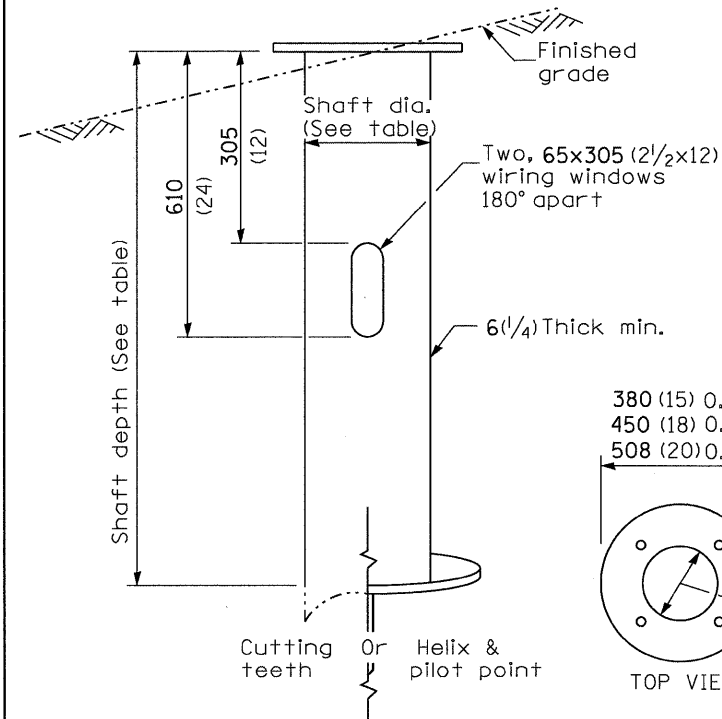
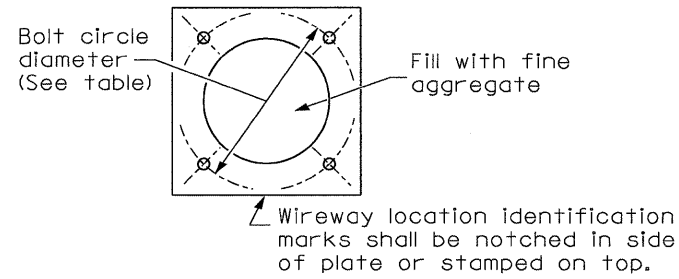


RL-01

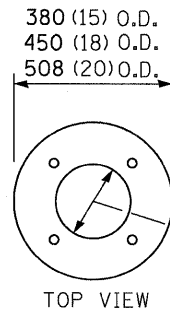
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	PLOT SCALE = 50.0000' / IN.	DRAWN - TCL	REVISED -			9166/9180	82-1-10N	ST. CLAIR	68	53
	PLOT DATE = 8/5/2009	CHECKED - JSF	REVISED -			CONTRACT NO. 76C38				
	DATE - 08/14/09	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. 57+00	TO STA. 72+50	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
<9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	220 (8 5/8)	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100(4)hook
 ② 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires
 ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer base is used



STEEL FOUNDATION



RING PLATE DETAIL
 (When rock is encountered and foundation is shallower)

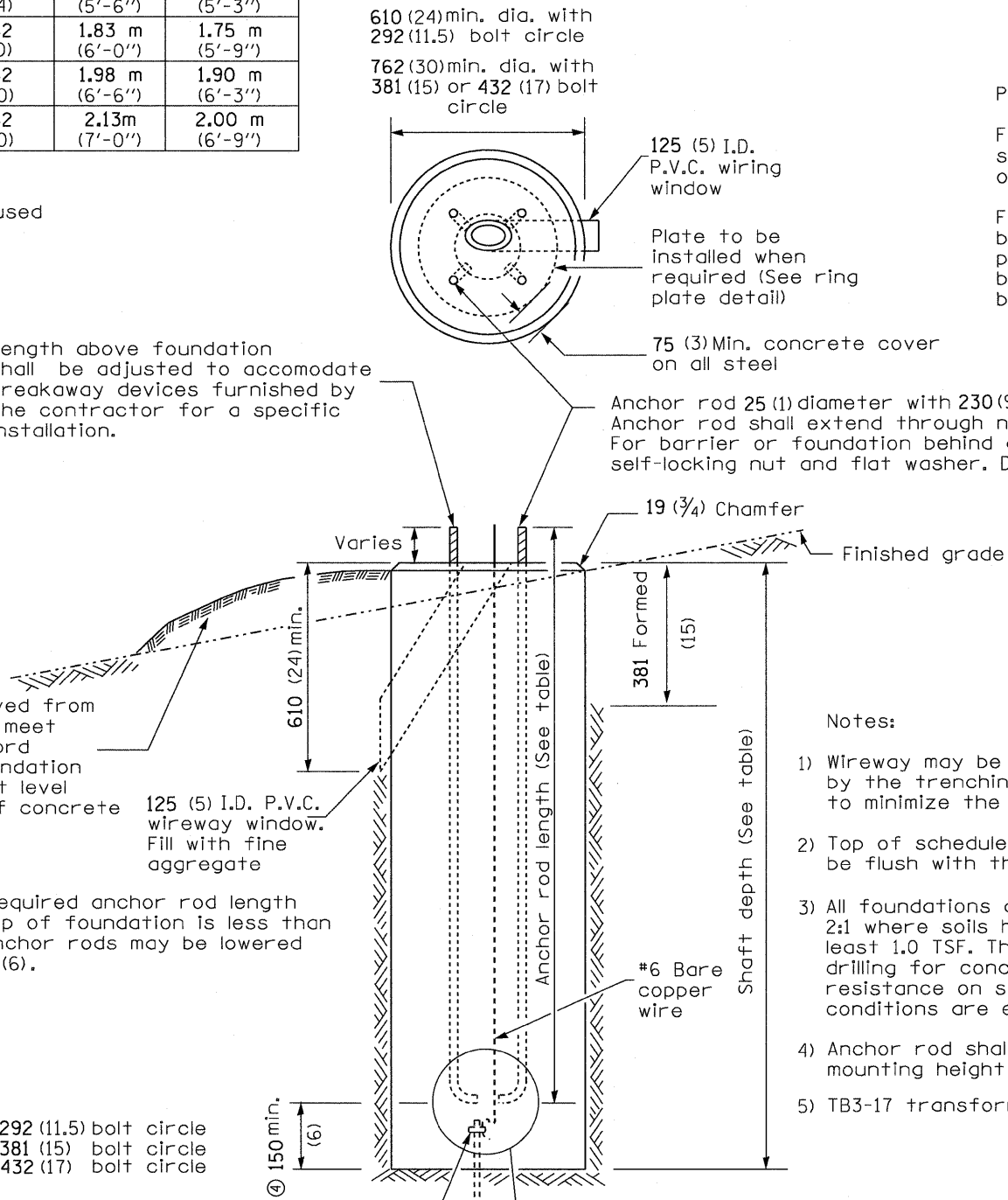
Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

Use dirt removed from foundation to meet 1.52m (5 ft.) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

- ④ If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6).

Cast bronze clamp
 16 mm x 3 m (5/8" x 10') Copperclad grounding electrode. When foundation is set in rock, install ground electrode in cable trench.

CONCRETE FOUNDATION



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 6.1 m (20') from edge of pavement.

For vertical mount luminaires, setback shall be a minimum of 9 m (30') from edge of pavement. Poles shall be located 1.5 m (5') behind guardrail or other protective barriers, or as directed by the Engineer.

Notes:

- 1) Wireway may be on front, back or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.
- 2) Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
- 3) All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.
- 4) Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
- 5) TB3-17 transformer base is not to be used on metal foundation

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

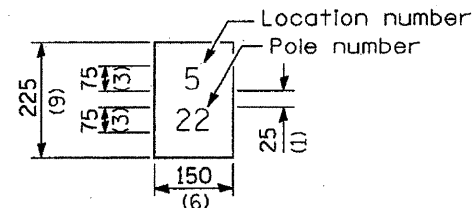
DATE	REVISIONS
10/7/02	Bridge Office depth calc.

LIGHT POLE FOUNDATION

LGT007-836

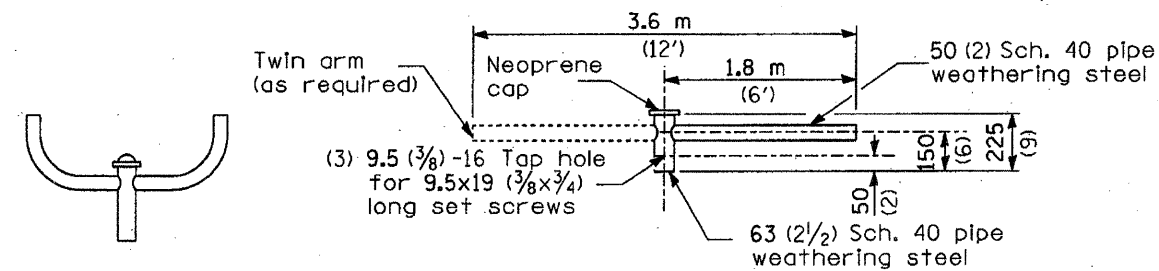
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (2/64) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). Install locknuts on set screws if threaded projection allows."

Pole shall meet AASHTO Standard Specifications for 128.72 km (80 mph) wind loading and 40.82 kg (90 lb.), .37 m² (4.0 sq. ft.) E.P.A. luminaire.



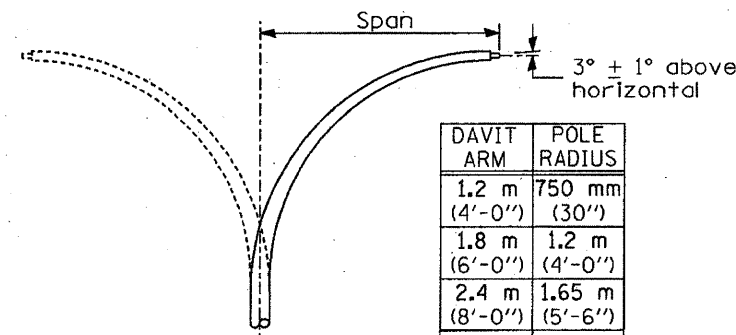
The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements 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 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



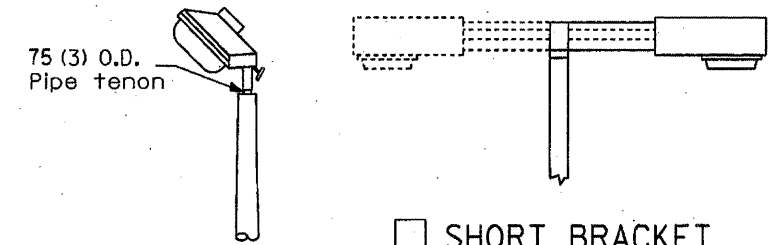
TWIN TENON TENON MOUNT BRACKET ARM

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

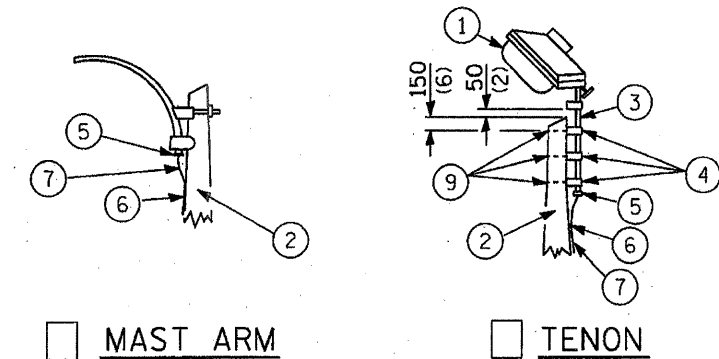


DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")
3.6 m (12'-0")	1.65 m (5'-6")

DAVIT ARM
 DAVIT ARM-TWIN

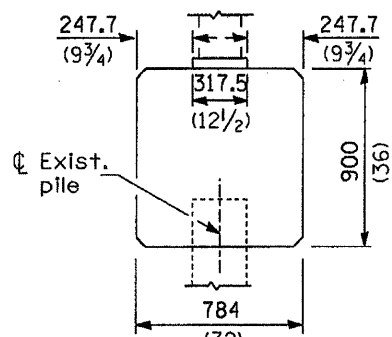
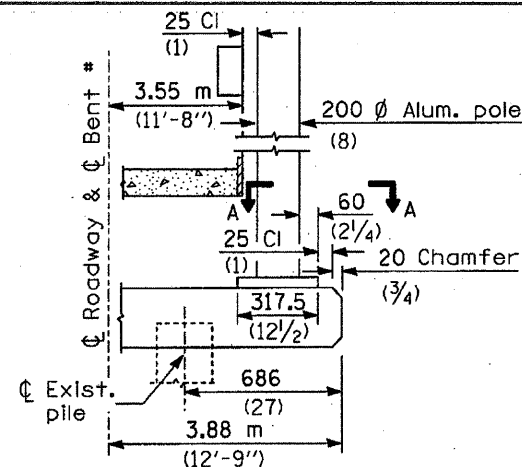


TENON SHORT BRACKET
 SHORT BRACKET - TWIN

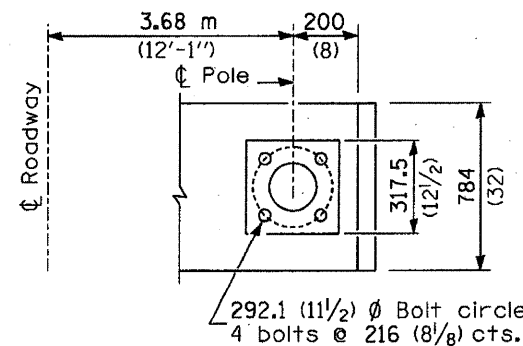


MAST ARM TENON

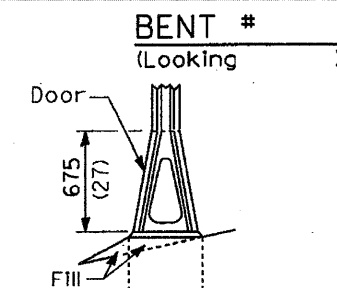
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & 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.



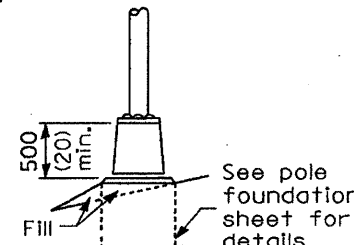
BRIDGE PIER MOUNT



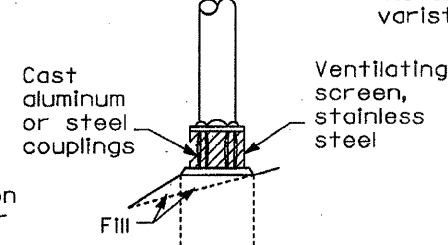
SECTION A-A



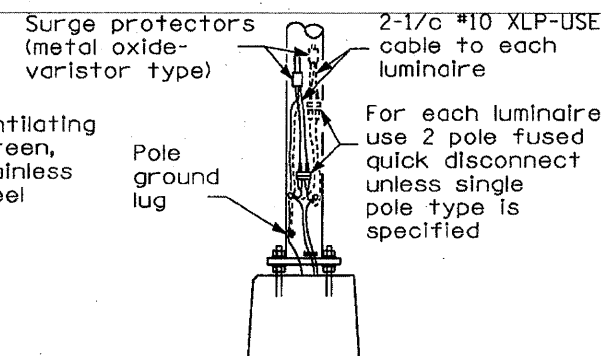
STAINLESS STEEL FLAIR BASE



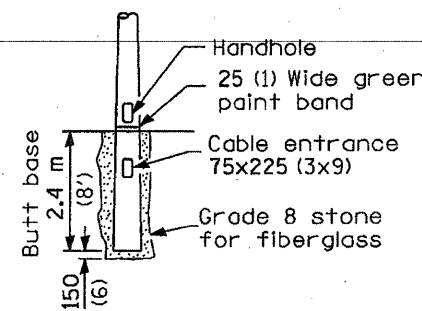
TRANSFORMER BASE



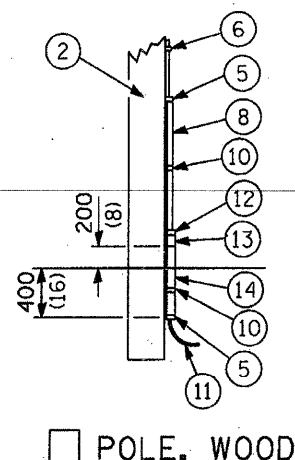
BREAKAWAY COUPLING



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.

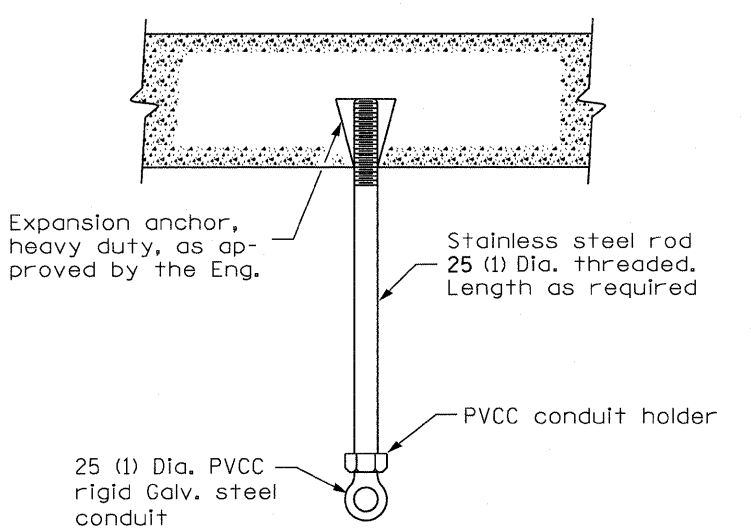
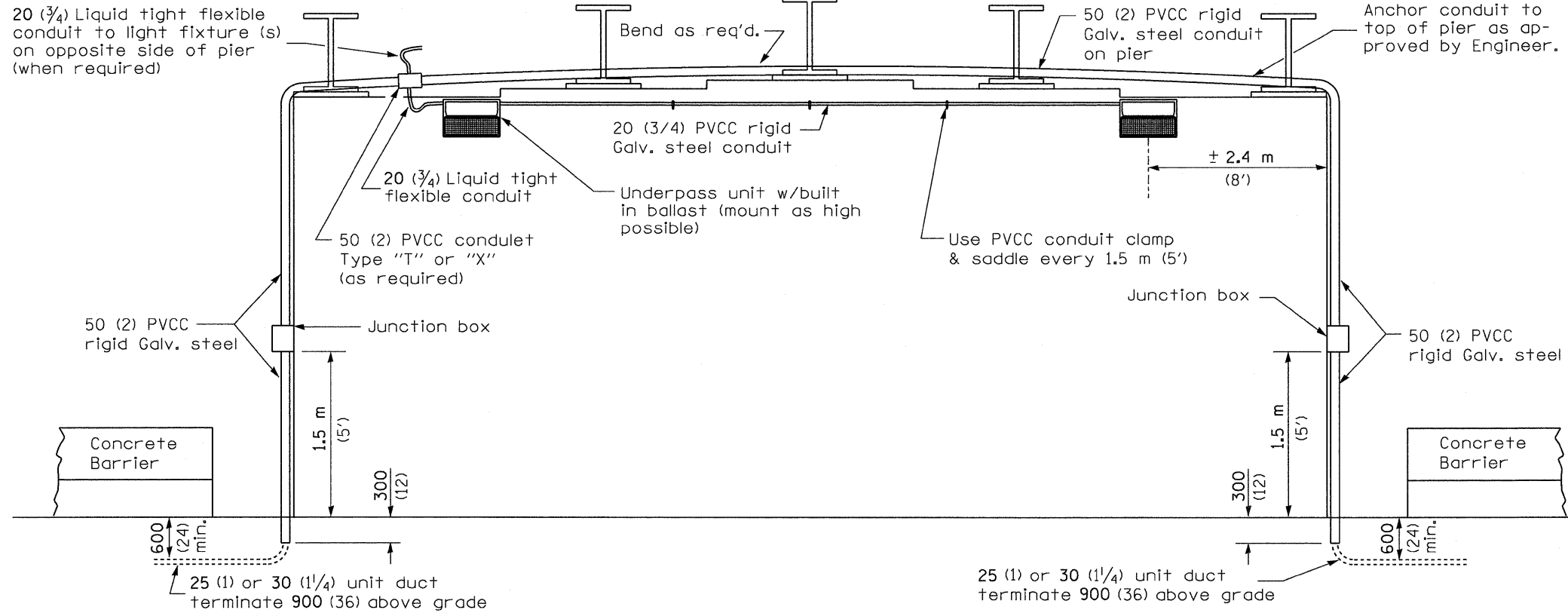
FRANGIBLE

METAL OR CONCRETE

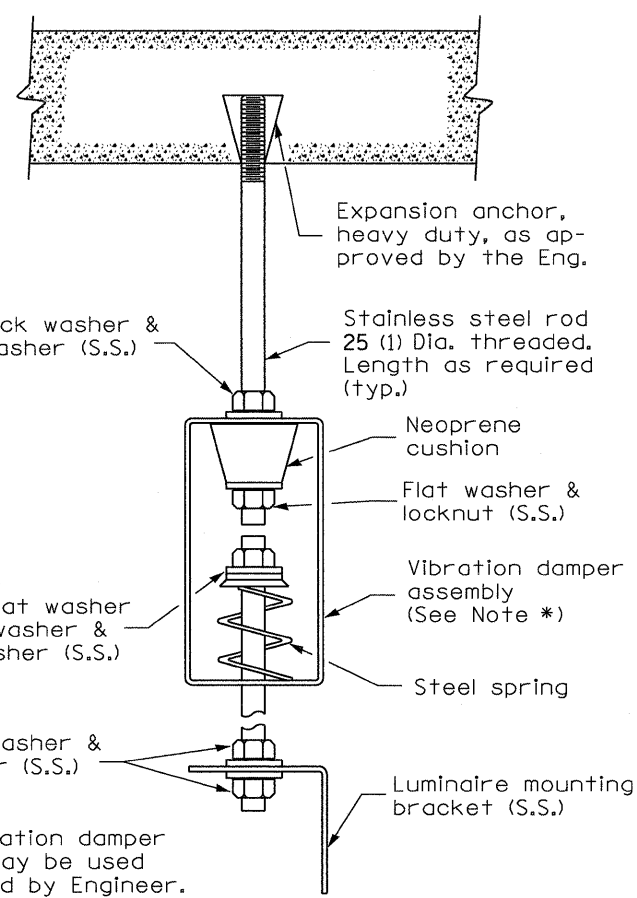
Details for underground distribution if required

DATE	REVISIONS

POLE STANDARDS



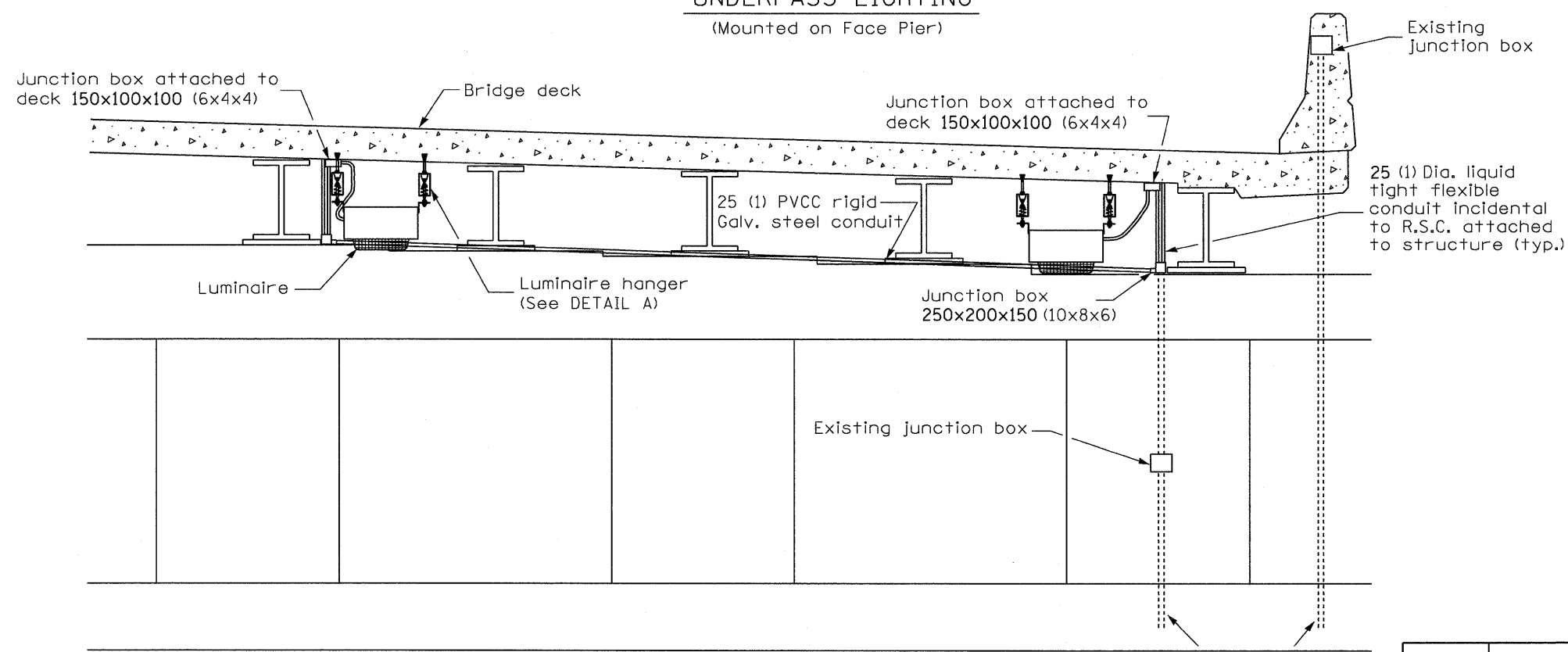
CONDUIT HANGER



LUMINAIRE HANGER ASSEMBLY DETAIL A

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

UNDERPASS LIGHTING
(Mounted on Face Pier)



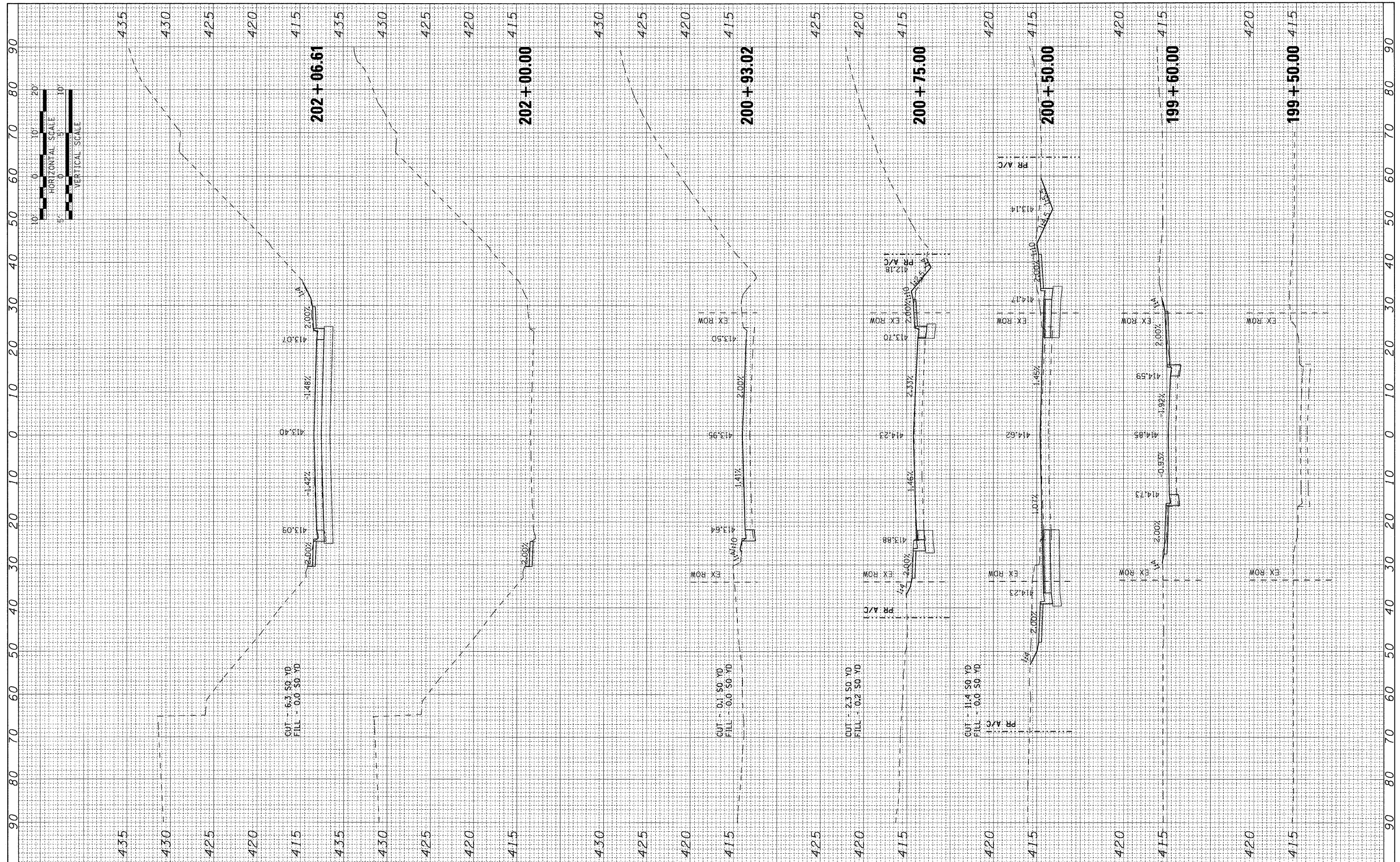
UNDERPASS LIGHTING
(Mounted to Bridge Deck)

DATE	REVISIONS
01/30/06	ADDED PVCC CONDUIT

UNDERPASS LIGHTING

ORIGINAL SURVEY PLOTTED	DATE
NOTE BOOK NO.	
AREAS CHECKED	

FINAL SURVEY PLOTTED	DATE
NOTE BOOK NO.	
AREAS CHECKED	

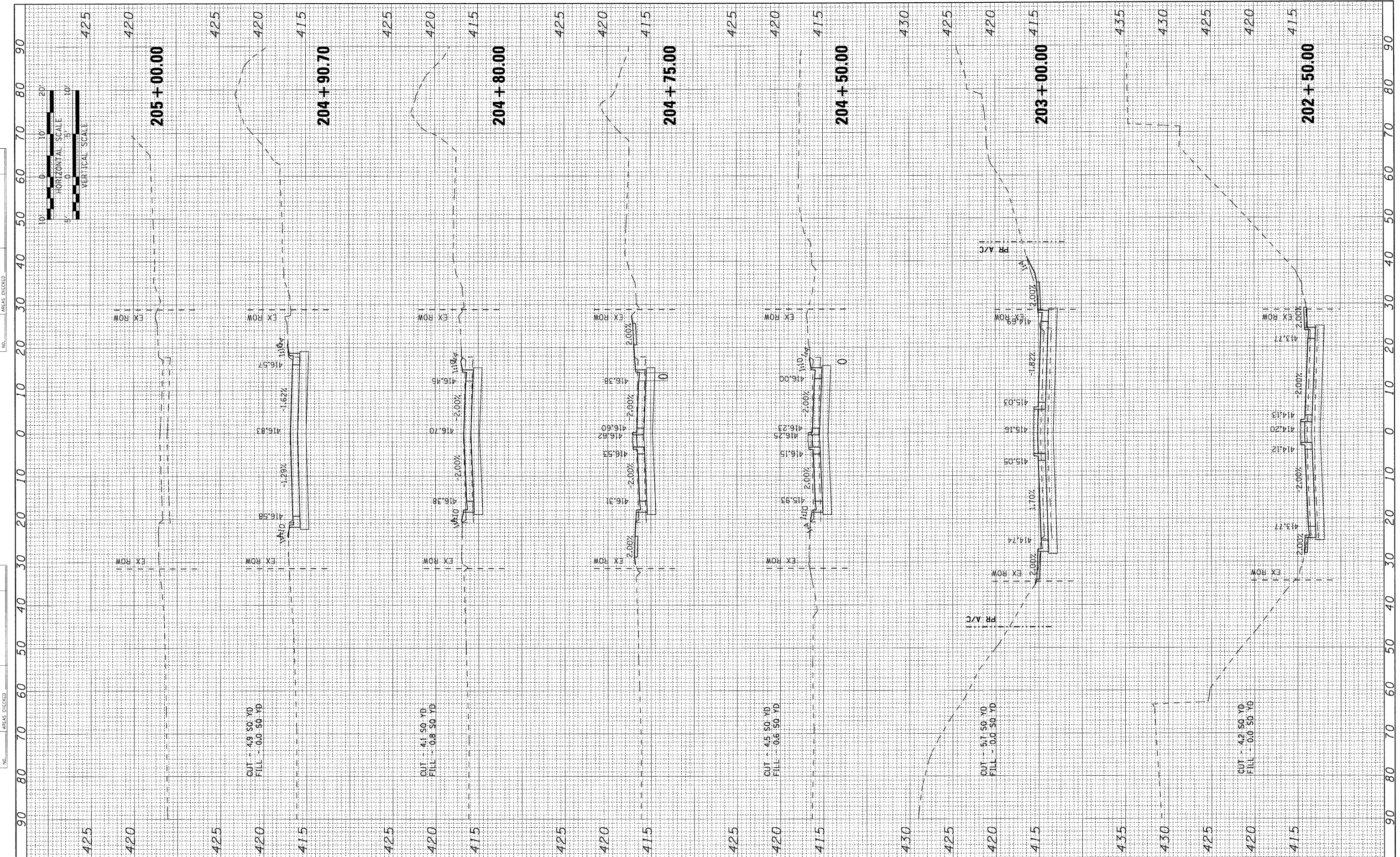


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		MODEL NAME = 18th-xs.sheet-01	DRAWN - JDF	REVISED -		SCALE: 1"=10'	SHEET NO. 1 OF 11 SHEETS	STA. 199+50.00 TO STA. 202+06.61	9166/9180	CONTRACT NO. 76C38		
		PLOT SCALE = 1:12	CHECKED - GEB	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -								

P:\08-0030 CTE TRI LEVEL\900_CAD\901_DRAWINGS\04_CONTRACT\SHEET\CVL\CROSSSECTIONS\DBTRI-76C38-SHT-XS-01-02.DGN

FINAL SURVEY NO.	DATE
EXPIRED SURVEY NO.	DATE
PLOTTED TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
EXPIRED SURVEY NO.	DATE
PLOTTED TEMPLATE	
AREAS CHECKED	



DESIGNED - LDC	REVISED -
DRAWN - JDF	REVISED -
CHECKED - GEB	REVISED -
DATE - 08/14/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

18TH STREET CROSS SECTIONS

SCALE: 1"=10' SHEET NO. 2 OF 11 SHEETS STA. 202+50.00 TO STA. 205+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	59
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76C38				

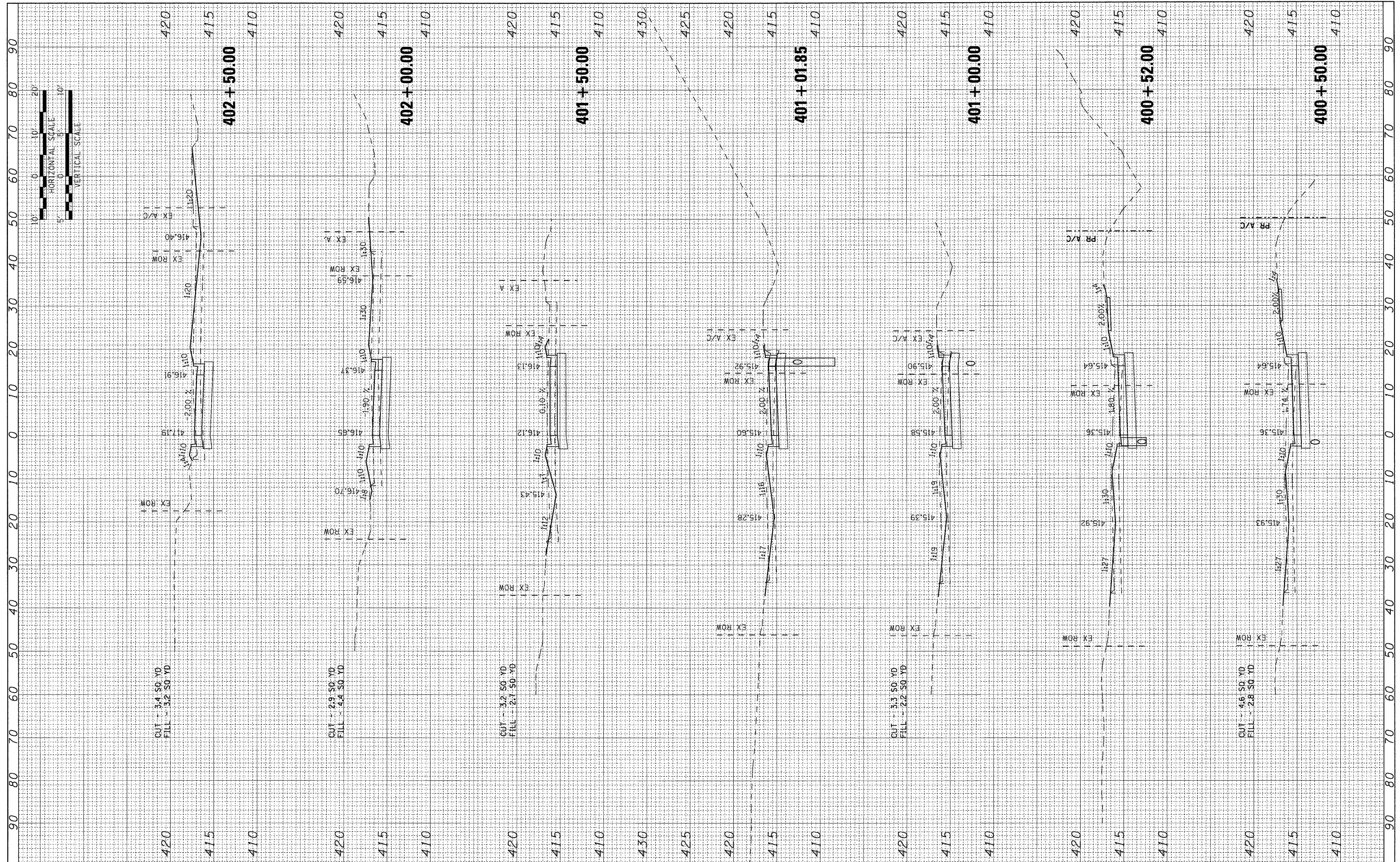
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FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED

BY: _____ DATE: _____

BY: _____ DATE: _____



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAMP "D" CROSS SECTIONS

FILE NAME = DBTRI-76C38-sht-xs-03-04.dgn	USER NAME = jdf	DESIGNED - LDC	REVISED -
PLOT SCALE = 1:10	MODEL NAME = Ramp-D-xs.sheet-03	DRAWN - JDF	REVISED -
PLOT DATE = 8/13/2009		CHECKED - GEB	REVISED -
		DATE = 08/14/09	REVISED -

SCALE: 1"=10' SHEET NO. 3 OF 11 SHEETS STA. 400+50.00 TO STA. 402+50.00

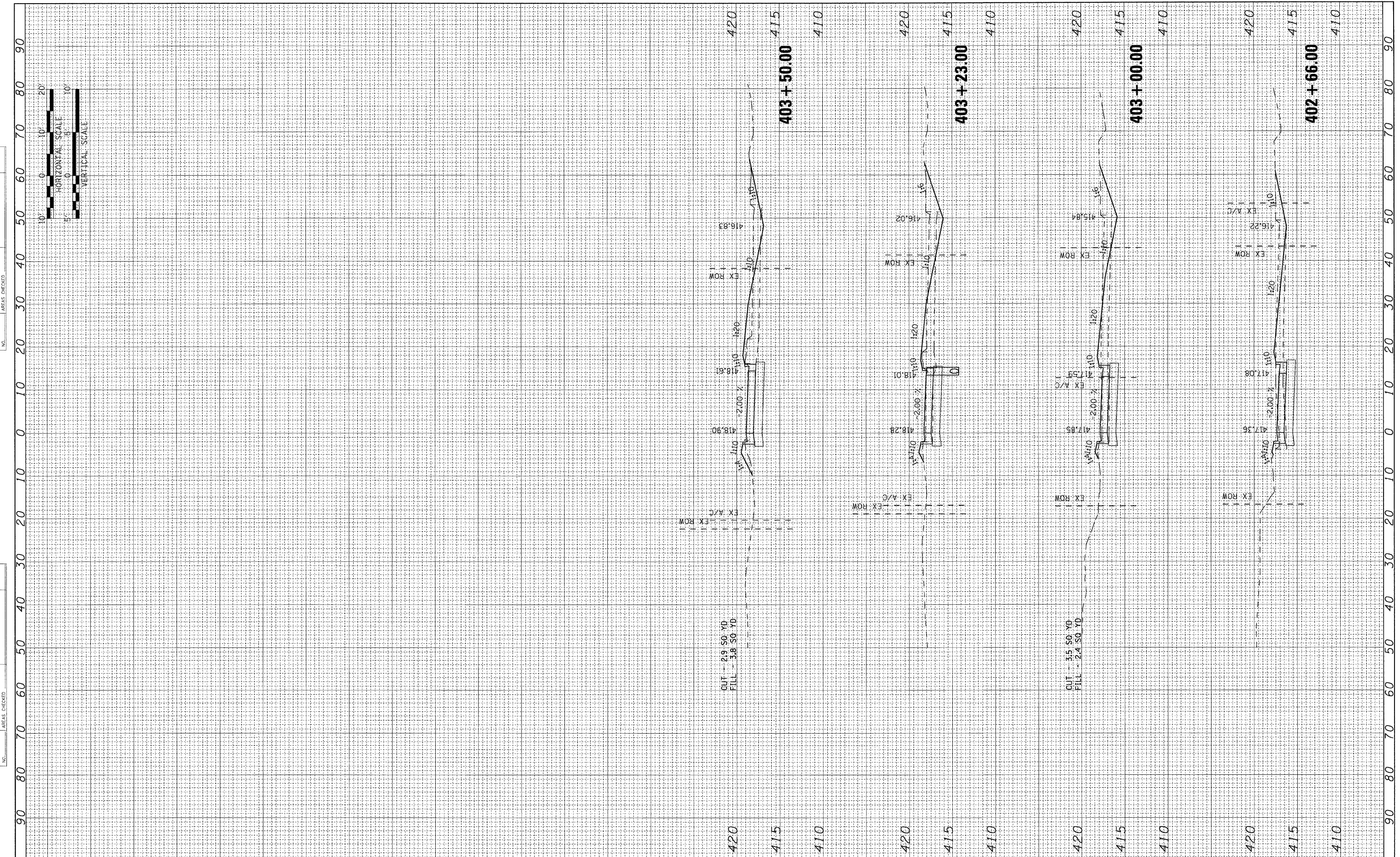
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	60
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C38		

8/13/2009 8:28:36 AM

P:\08-0238 CTE TRI LEVEL\900 CAD\981 DRAW NGS\04 CONTRACT\01\01\CROSSSECTIONS\08TRI-76C38-SHT-XS-03-04.DGN

FINAL SURVEY	DATE
CONVERTED PLOTTED	BY
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
CONVERTED PLOTTED	BY
NOTE BOOK	
AREAS CHECKED	



8/13/2009 12:16:11 PM
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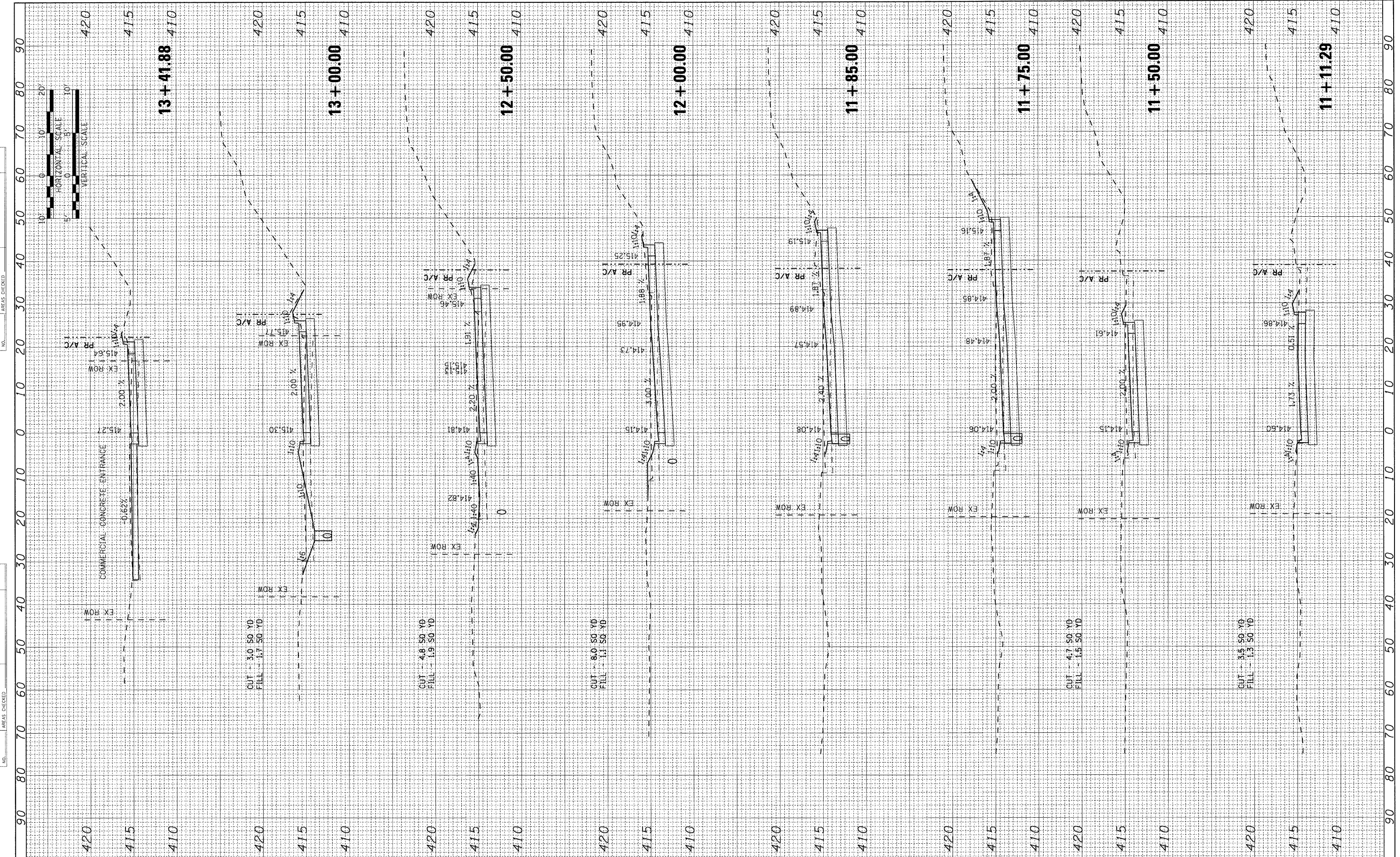
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAMP "D" CROSS SECTIONS
 SCALE: 1"=10' SHEET NO. 4 OF 11 SHEETS STA. 402+66.00 TO STA. 403+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	61
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76C38				

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

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



8/13/2009 8:28:35:14 AM
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 PLOT SCALE = 1:10
 PLOT DATE = 8/13/2009

DESIGNED	-	LDC	REVISED	-
DRAWN	-	JDF	REVISED	-
CHECKED	-	GEB	REVISED	-
DATE	-	08/14/09	REVISED	-

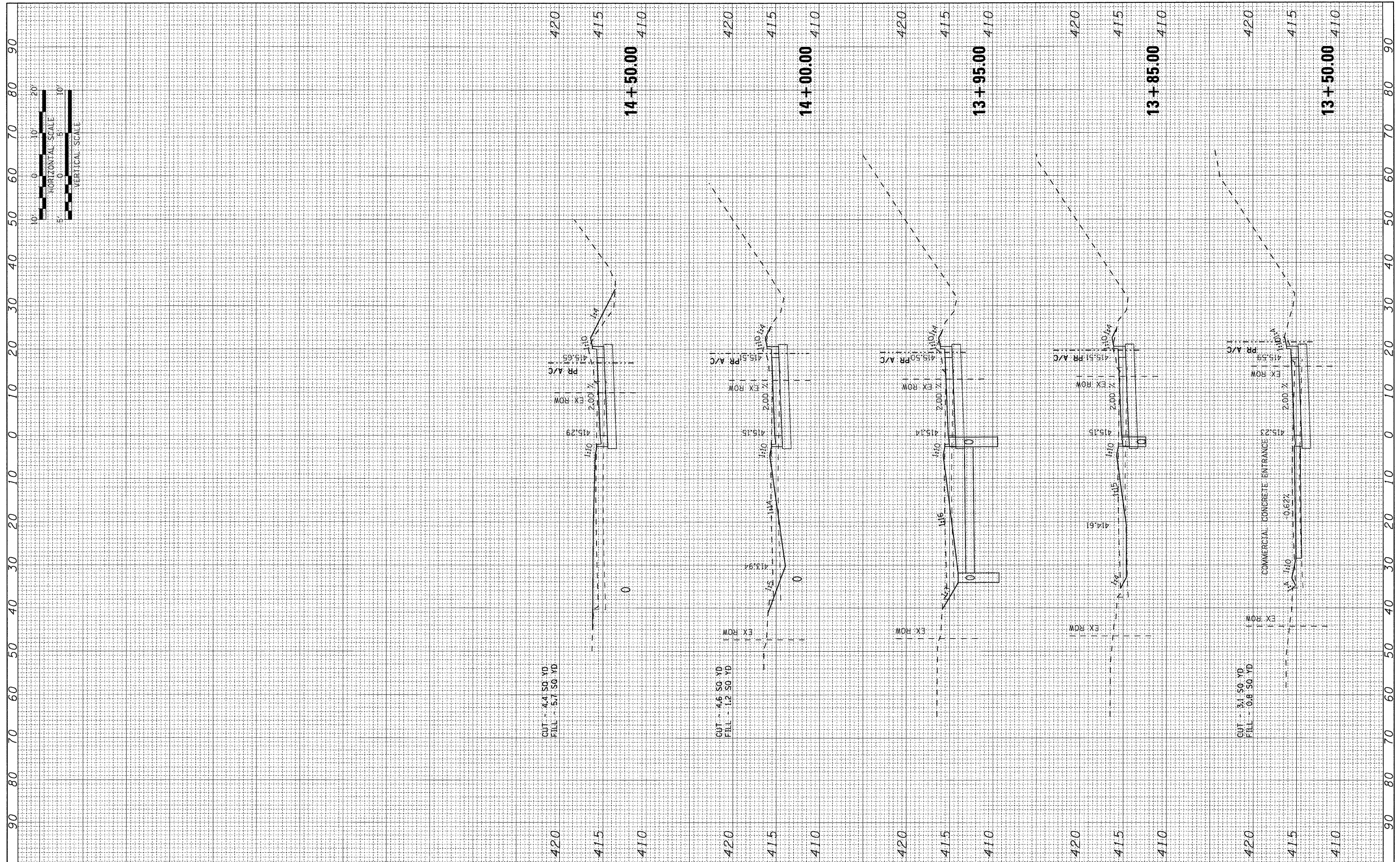
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BAUGH AVENUE CROSS SECTIONS
 SCALE: 1"=10'
 SHEET NO. 5 OF 11 SHEETS
 STA. 11+11.29 TO STA. 13+41.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	62
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 76C38				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMP		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMP		
	AREAS CHECKED		



CUT - 4.4 SQ. YD.
FILL - 5.7 SQ. YD.

CUT - 4.6 SQ. YD.
FILL - 1.2 SQ. YD.

GUT - 5.1 SQ. YD.
FILL - 0.8 SQ. YD.

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	SCALE: 1"=10' SHEET NO. 6 OF 11 SHEETS STA. 13+50.00 TO STA. 14+50.00			TOTAL SHEETS 68 SHEET NO. 63		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	



CUT - 13.4 SO YD
FILL - 1.2 SO YD

CUT - 9.7 SO YD
FILL - 0.6 SO YD

CUT - 6.0 SO YD
FILL - 0.9 SO YD

CUT - 7.4 SO YD
FILL - 0.0 SO YD

CUT - 8.6 SO YD
FILL - 0.0 SO YD

CUT - 3.5 SO YD
FILL - 0.4 SO YD

8/13/2009
08:56:20 AM
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DBTRI-76C38-sht-xs-07-11.dgn

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PLOT SCALE = 1:10	CHECKED - GEB	REVISED -
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

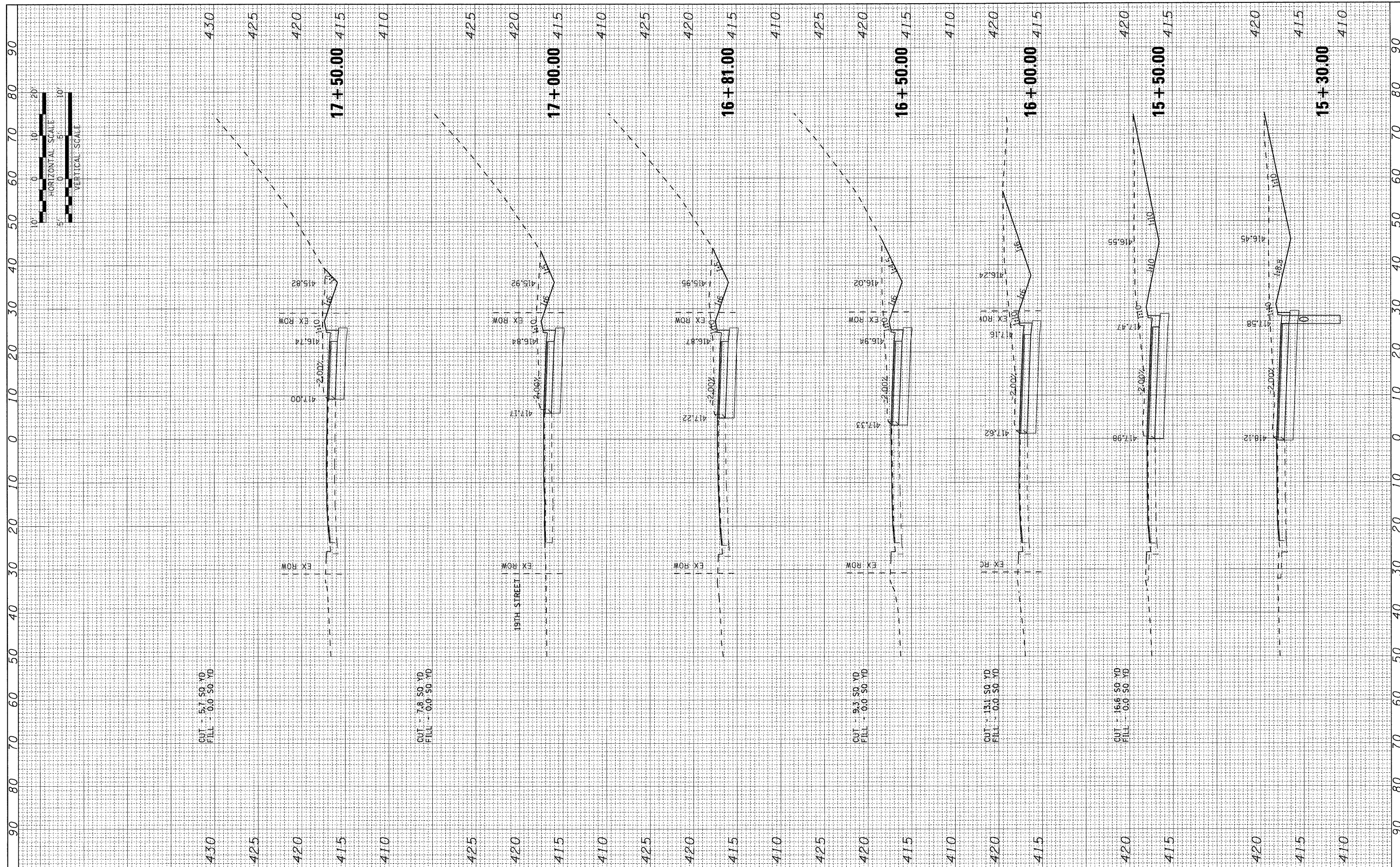
ST. CLAIR AVENUE CROSS SECTIONS

SCALE: 1"=10' SHEET NO. 7 OF 11 SHEETS STA. 12+00.00 TO STA. 15+11.58

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	64
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			CONTRACT NO. 76C38	

FINAL SURVEY	DATE
PLOTTED	BY
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	BY
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = DBTRI-76C38-sht-xs-07-11.dgn
 USER NAME = jdf
 MODEL NAME = StClair-XS-Sheet-08
 PLLOT SCALE = 1:10
 DATE = 08/14/09

DESIGNED - LDC	REVISED -
DRAWN - JDF	REVISED -
CHECKED - GEB	REVISED -
DATE - 08/14/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ST. CLAIR AVENUE CROSS SECTIONS

SCALE: 1"=10' SHEET NO. 8 OF 11 SHEETS STA. 15+30.00 TO STA. 17+50.00

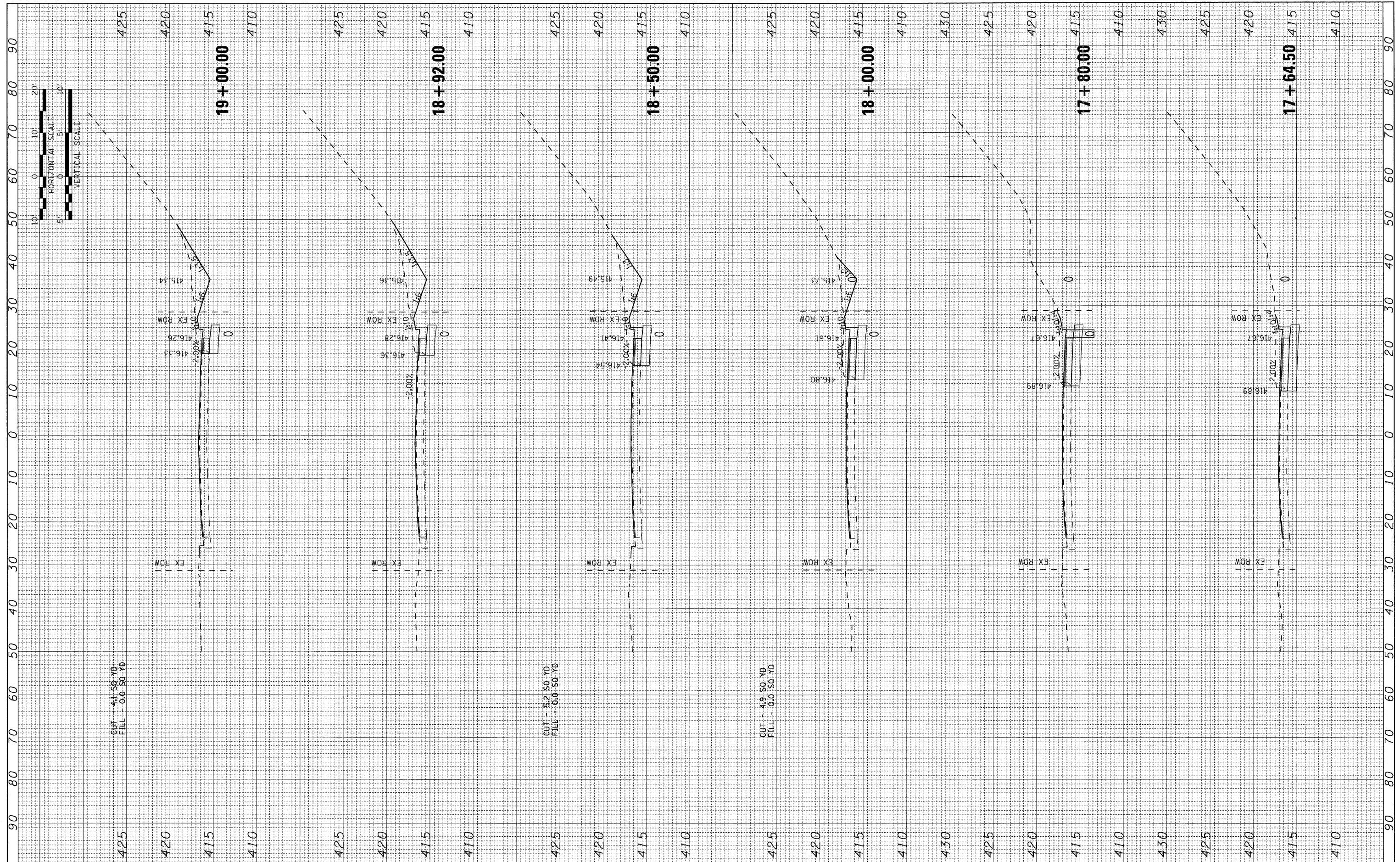
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C38		

8/13/2009 10:55:21 AM

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FINAL SURVEY	DATE
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
TEMP	
NOTE BOOK	
AREAS CHECKED	



CUT - 4.1 SQ YD
FILL - 0.0 SQ YD

CUT - 5.2 SQ YD
FILL - 0.0 SQ YD

CUT - 4.9 SQ YD
FILL - 0.0 SQ YD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ST. CLAIR AVENUE CROSS SECTIONS

8/13/2009
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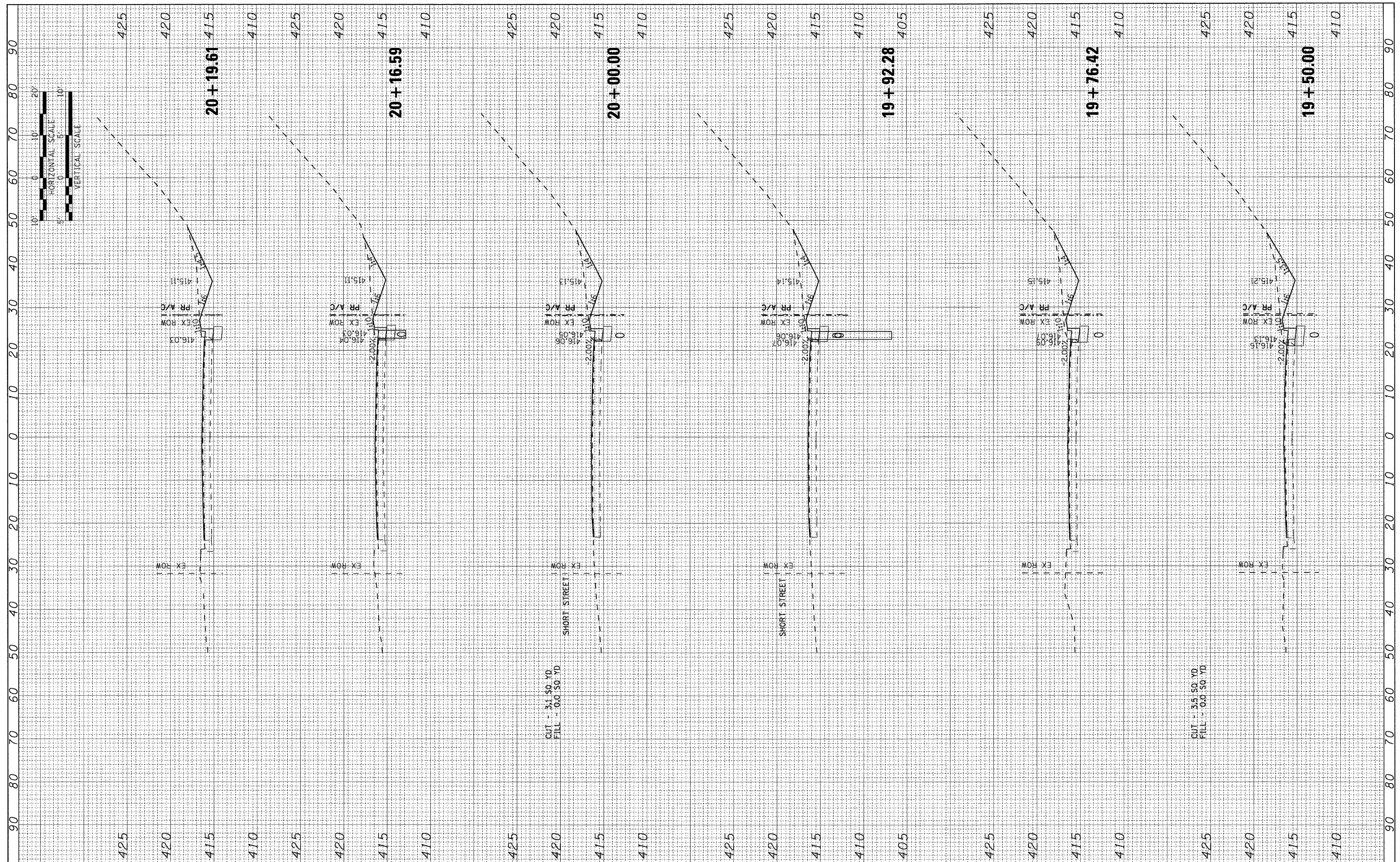
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PLOT SCALE = 1:10	CHECKED - GEB	REVISED -
PLOT DATE = 8/13/2009	DATE - 08/14/09	REVISED -

SCALE: 1"=10' SHEET NO. 9 OF 11 SHEETS STA. 17+64.50 TO STA. 19+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	66
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C38		

FINAL SURVEY	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



8/13/2009 10:36:25 AM
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 USER NAME = jdf
 MODEL NAME = StClair-XS-Sheet-10
 PLOT SCALE = 1:10
 PLOT DATE = 8/13/2009

DESIGNED	- LDC	REVISED	-
DRAWN	- JDF	REVISED	-
CHECKED	- GEB	REVISED	-
DATE	- 08/14/09	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ST. CLAIR AVENUE CROSS SECTIONS
 SCALE: 1"=10' SHEET NO. 10 OF 11 SHEETS STA. 19+50.00 TO STA. 20+19.61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166/9180	82-1-10N	ST. CLAIR	68	67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76C38				

P:\08-0038 CTE TRI LEVEL\900.CAD\901_DRAW\NGS\04_CONTRACT\SHEET\CTV\LCROSSSECTIONS\DBTRI-76C38-SHT-XS-07-11.DGN

FINAL SURVEY	DATE
SPAWED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

