

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	1
		ILLINOIS	CONTRACT NO. 76C55	

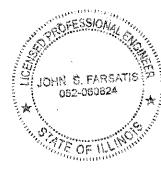
D96-058-08#236+50-4 = 282

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

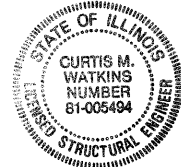
F.A.I. ROUTE 70
SECTION 82-1-1HB
EXCHANGE AVENUE BRIDGE OVER I-55-I-70
ST. CLAIR COUNTY
C-98-064-09



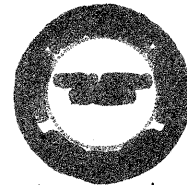
Jixing He 10/9/09
Jixing He DATE
LICENSE EXPIRES 11/30/2010
SHEETS 160-196



John S. Farsatis 10/9/2009
John S. Farsatis DATE
LICENSE EXPIRES 11/30/2011
SHEETS 138-145



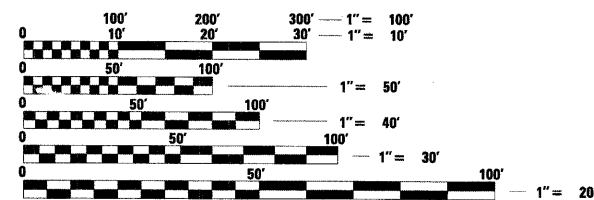
Curtis M. Watkins 10/9/09
Curtis M. Watkins DATE
LICENSE EXPIRES 11/30/2010
SHEETS 197-205



Donald R. Hayden Jr. 10/9/09
Donald R. Hayden Jr. DATE
LICENSE EXPIRES 11/30/2011
SHEETS 124-137



Donald R. Hayden Jr. 10/9/09
Donald R. Hayden Jr. DATE
LICENSE EXPIRES 11/30/2011
SHEETS 1-63, 79-123, 146-150,
AND 206-236



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 311

PROJECT ENGINEER MIKE PRITCHETT
SQUAD LEADER CHAD SANDERS
CONTRACT NO. 76C55

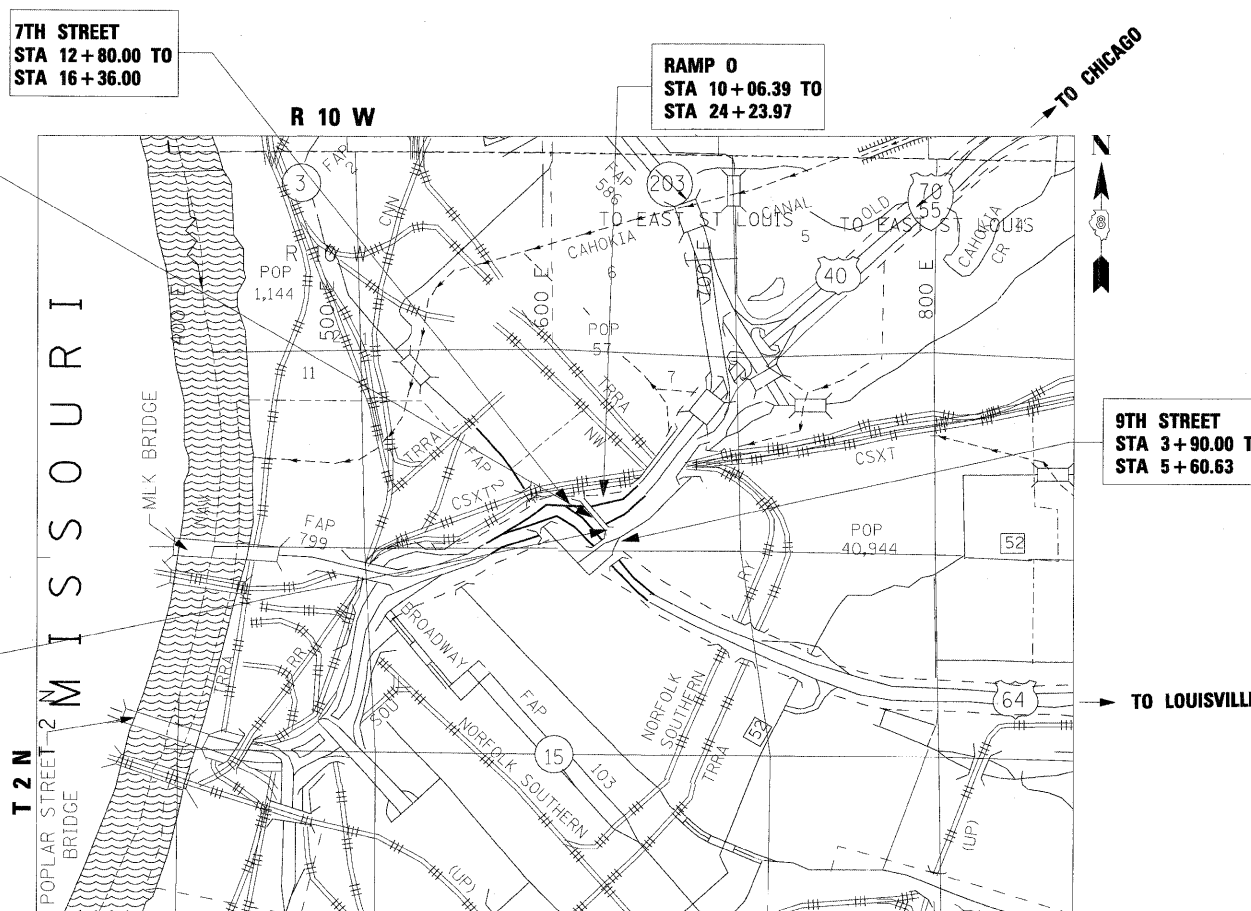
STRUCTURE NO 082-0378
EXCHANGE AVE OVER I-55
STA 16+71.94 TO STA 19+73.76

7TH STREET
STA 12+80.00 TO
STA 16+36.00

RAMP 0
STA 10+06.39 TO
STA 24+23.97

EXCHANGE AVE.
STA 10+62.50 TO
STA 23+00.00

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	14.33 Acres
Approximate Location of Roadway is:	
Longitude	-90.1405
Latitude	38.6342



	GROSS LENGTH OF PROJECT	NET LENGTH OF PROJECT
EXCHANGE AVENUE	1237.50' (0.23 MILE)	935.68' (0.18 MILE)
RAMP "0"	1417.58' (0.268 MILE)	1417.58' (0.268 MILE)
7TH STREET	170.63' (0.03 MILE)	170.63' (0.03 MILE)
9TH STREET	356.00' (0.07 MILE)	356.00' (0.07 MILE)



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Oct 22* 20 09
Mr. C. Lamm
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

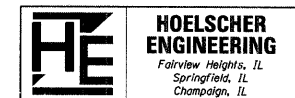
December 4, 20 09
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

AECOM

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



INDEX OF SHEETS

STANDARD NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY	1	COVER SHEET
001001-02	AREAS OF REINFORCEMENT BARS	701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY	2	INDEX OF SHEETS / HIGHWAY STANDARDS
001006	DECIMAL OF AN INCH AND OF A FOOT	701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS >= 45 MPH	3-4	GENERAL NOTES / COMMITMENTS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS	701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS 45 MPH TO 55 MPH	5-17	SUMMARY OF QUANTITIES
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542311-01	GRATING FOR CONCRETE FLARED END SECTION (24" TO 54" PIPE)	701901-01	TRAFFIC CONTROL DEVICES	51-54	ROADWAY PLAN AND PROFILE - BOWMAN YARD ACCESS ROAD
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602011-01	CATCH BASIN TYPE C	720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS	58	BOWMAN YARD SITE PLAN
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701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24 " (600 mm) FROM PAVEMENT EDGE			138-145	LIGHTING PLANS
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701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY			148	PEDESTRIAN HANDRAIL DETAIL
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY			149	CONCRETE BARRIER DETAILS
814001-02	HANDHOLES			150	ENTRANCE DETAILS

*44 DELETED, 47 DELETED, 97 DELETED, 100 DELETED

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDEX OF SHEETS / HIGHWAY STANDARDS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KNW	REVISED -					70	82-2-1HB	ST. CLAIR	236	2
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -					PLOT DATE: *DATE-TIME*		CONTRACT NO. 76C55		
PLOT DATE = #DATE#		DATE - DECEMBER 18, 2009	REVISED -					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. THE VERTICAL CONTROL DATUM IS NAVD 1988.
3. CONFLICTS ON THE PLANS MAY OCCUR BETWEEN THE ROADWAY PLANS AND PLATS OF HIGHWAYS. THE PLATS OF HIGHWAYS SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS OF CONSTRUCTION.
4. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
5. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE.
6. MIXTURES FOR JOINTS, CRACKS, AND FLANGEWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
7. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE EXISTING MANHOLES & VALVES LOCATED WITHIN THE PAVEMENT REMOVAL AND REPLACEMENT LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING REMOVAL OPERATIONS.
8. 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.
9. THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
10. THE MANUFACTURER SHALL SPECIFICALLY RECOMMEND ALL EROSION CONTROL PRODUCTS FURNISHED FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
11. EXISTING TREES THAT ARE NOT SHOWN ON THE PLANS AS "TO BE REMOVED" SHALL REMAIN UNDAMAGED.
12. WHERE TREE REMOVAL SHALL CONFLICT WITH THE EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LEVEL AND GRIND OUT THE STUMP AS DIRECTED BY THE ENGINEER.

13. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT AERIAL SURVEY MAPPING WAS USED FOR TOPO SHOWN IN THE PLANS AT THE FOLLOWING LOCATIONS:

- CSX ACCESS ROAD - STA 1+45 TO STA 17+50
- BOWMAN ACCESS ROAD - STA 0+50 TO STA 13+50

DATA IN THE ABOVE-REFERENCED AREAS SHOULD BE CONSIDERED APPROXIMATE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY ADDITIONAL DESIGN OR LAYOUT REQUIRED DUE TO DISCREPANCIES BETWEEN PLAN DATA AND ACTUAL FIELD CONDITIONS. FINAL PAY QUANTITIES SHALL BE BASED OFF OF FIELD MEASUREMENTS BY THE ENGINEER.

14. ALL DIMENSIONS ARE SHOWN IN FEET UNLESS NOTED. PAVEMENT THICKNESS, CULVERT SIZE, TRAFFIC SIGNAL CONDUIT SIZES, AND PAVEMENT MARKING WIDTHS ARE SHOWN IN INCHES UNLESS NOTED.

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

16. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. THE OFFSETS TO MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE. A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS DISTANCE.

17. IF ARCHAEOLOGICAL CLEARANCE HAS NOT BEEN OBTAINED FOR THE ENTIRE PROJECT, THE RESIDENT ENGINEER SHALL PROVIDE THE CONTRACTOR THOSE AREAS OF THE PROJECT WHICH HAVE BEEN CLEARED, AND IN WHICH THE CONTRACTOR MAY WORK. THE RESIDENT ENGINEER SHALL ALSO NOTIFY THE CONTRACTOR WHEN ADDITIONAL SITES BECOME AVAILABLE.

18. THE CONTRACTOR AND ENGINEER SHALL ENSURE THAT THE BOWMAN YARD SITE REMAINS SECURE DURING ALL CONSTRUCTION ACTIVITIES. ANY ACTIVITIES WHICH MAY JEOPARDIZE THE YARD SECURITY SHALL BE BROUGHT TO THE ATTENTION OF THE IDOT DISTRICT 8 BUREAU OF OPERATIONS ENGINEER AT LEAST 2 WEEKS PRIOR TO WORK BEGINNING ON THOSE ACTIVITIES. AT NO TIME IS THE CONTRACTOR TO REMOVE ANY FENCING FROM THE BOWMAN YARD SITE.

19. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = \$USER\$	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES /COMMITMENTS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	#FILE#		DRAWN - JMC	REVISED -				70	82-2-1HB	ST. CLAIR	236	3	
		PLOT SCALE = \$SCALE\$	CHECKED - DRH	REVISED -		SCALE: NONE		SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76C55		
		PLOT DATE = \$DATE\$	DATE - OCTOBER 9, 2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

UTILITY COORDINATION

1. 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
- SBC
- CHARTER COMMUNICATIONS
- ILLINOIS POWER COMPANY
- ILLINOIS AMERICAN WATER
- MCLEOD USA
- QWEST

CITY OF EAST ST LOUIS - (618) 482-6737
 METRO EAST SANITARY DISTRICT - (618) 452-9400
 ST CLAIR COUNTY HOUSING AUTHORITY - (618) 277-3290

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

2. 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 MUST BE CONSIDERED APPROXIMATE.
3. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED PRIOR TO ANY TRENCHING DONE FOR LOCATING HIGHWAY LIGHTING/ PUMP STATION/ INTELLIGENT TRANSPORTATION SYSTEM FACILITIES, AS WELL AS PRIOR TO COORDINATING OTHER FIELD ACTIVITIES.

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 EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
2. ALL TRAFFIC CONTROL DEVICES FOR DETOURS SHALL BE POST MOUNTED.
3. "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.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER, INSTALLATION BY METHOD "A" (ART. 730.04(d)) SHALL BE THE ONLY METHOD PERMITTED.
5. A MINIMUM NOTICE OF 72 HOURS TO THE CITY POLICE, AMBULANCE, AND EMERGENCY CREWS IS NEEDED PRIOR TO ROAD CLOSURES.
6. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
7. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE.
8. THE CONTRACTOR MAY NOT ALTER THE SEQUENCE OF CONSTRUCTION WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
9. TEMPORARY ACCESS TO ALL ENTRANCES (COMMERCIAL AND PRIVATE) SHALL BE MAINTAINED DURING CONSTRUCTION.
10. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
11. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. RAILROAD FLAGGERS WILL BE REQUIRED FOR THIS PROJECT AND WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS

1. ALL REMOVED TREES SHALL BE REPLACED IN A SEPARATE CONTRACT.
2. ENGINEER WILL NOTIFY THE IDOT PERMIT SECTION PRIOR TO REDUCING LANE WIDTHS.
3. SAINT CLAIR COUNTY TRANSIT DISTRICT (SCCTD) HAS REQUESTED TO BE NOTIFIED 2 WEEKS IN ADVANCE OF ANY ROAD CLOSURES RELATED TO THIS CONTRACT. THIS WILL GIVE SCCTD TIME TO COORDINATE ALTERNATE BUS ROUTES AND TO NOTIFY THE PUBLIC OF ANY CHANGES.

CONTACT: BILL GROGAN
 SCCTD
 1004 S. LINCOLN AVE. SUITE 1
 O'FALLON, IL 62269
 618-628-8090
 BGROGRAN@ SCCTD.ORG

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES / COMMITMENTS				F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*FILEL		DRAWN - JMC	REVISED -						70	82-2-1HB	ST. CLAIR	236	4
	PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -		SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.					CONTRACT NO. 76C55			
	PLOT DATE = #DATE#		DATE - DECEMBER 18, 2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	50						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	26	26						
20100500	TREE REMOVAL, ACRES	ACRE	4.51	4.51						
20200100	EARTH EXCAVATION	CU YD	55,271	55,271						
20200410	EARTH EXCAVATION (SPECIAL)	CU YD	478.3	478.3						
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	707		707					
20800150	TRENCH BACKFILL	CU YD	8844	8844						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,838	1,838						
25000210	SEEDING, CLASS 2A	ACRE	8.32	8.08						0.24
25000300	SEEDING, CLASS 3	ACRE	1.31	1.31						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	751	728						23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	751	728						23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	751	728						23
25000700	AGRICULTURAL GROUND LIMESTONE	TON	10.10	10.10						
25002300	TEMPORARY SEEDING	ACRE	41.25	41.25						
25100105	MULCH, METHOD 1	ACRE	0.24							0.24
25100120	MULCH, METHOD 2	TON	10.10	10.10						
25100630	EROSION CONTROL BLANKET	SQ YD	1235	1235						
25100900	TURF REINFORCEMENT MAT	SQ YD	104	104						
28000305	TEMPORARY DITCH CHECKS	FOOT	200	200						
28000400	PERIMETER EROSION BARRIER	FOOT	10,264	10,264						

Rev.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAININGWALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
				J000	X271 -2A	Y007	Y030 -1E	Y002 -1C	Y007	Y032 -1F
28000500	INLET AND PIPE PROTECTION	EACH	30	30						
28000720	MULCH METHOD 2	ACRE	41.25	41.25						
35100900	AGGREGATE BASE COURSE, TYPE A 10"	SQ YD	10,491	10,491						
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	13,111	13,111						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2.25	2.25						
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	806	806						
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	403	403						
42000311	PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED)	SQ YD	5,947	5,947						
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	3,487	3,487						
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	3,487	3,487						
42001300	PROTECTIVE COAT	SQ YD	16,803	16,803						
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,606	4,606						
42400500	PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SQ FT	709	709						
42400800	DETECTABLE WARNINGS	SQ FT	120	120						
44000100	PAVEMENT REMOVAL	SQ YD	16,568	16,568						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	206	206						
44000300	CURB REMOVAL	FOOT	650	650						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,020	5,020						
44000600	SIDEWALK REMOVAL	SQ FT	10,278	10,278						
44001980	CONCRETE BARRIER REMOVAL	FOOT	190	190						

NAME	USER NAME	DESIGNED	REVISED
SYMBOLS	USER#	RRV	
		DRAWN	JMC
		CHECKED	DRH
		DATE	OCTOBER 15, 2009
		REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	COUNTY	TOTAL SHEETS	NO.
70	ST. CLAIR	236	6
		CONTRACT NO. 76C55	
FED. ROAD DIST. NO.	FED. AID PROJEC		

Rev

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
44003100	MEDIAN REMOVAL	SO FT	1,217	1,217	X271 - 2A	Y007	Y030 - 1E	Y002 - 1C	Y007	Y032 - 1F
44004250	PAVED SHOULDER REMOVAL	SO YD	2,440	2,440						
44200680	CLASS A PATCHES, TYPE IV	SO YD	182	182						
44213200	SAW CUTS	FOOT	208	208						
48100100	AGGREGATE SHOULDERS, TYPE A	TON	566	566						
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	600	600						
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SO YD	5,236	5,236						
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SO YD	1,286	1,286						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1						1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1						1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1						1	
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1						1	
50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1						1	
50157300	PROTECTIVE SHIELD	SO YD	1,243		1,243					
50200100	STRUCTURE EXCAVATION	CU YD	3,379		3,013	366				
50300225	CONCRETE STRUCTURES	CU YD	1,101.1		1,027.8	73.3				
50300255	CONCRETE SUPERSTRUCTURE	CU YD	695.7		695.7					
50300260	BRIDGE DECK GROOVING	SO YD	927		927					
50300285	FORM LINER TEXTURED SURFACE	SO FT	4,678		3,660	1,018				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
			J000	X271-2A	Y007	Y030-1E	Y002-1C	Y007	Y032-1F	
50300300	PROTECTIVE COAT	SO YD	1,981	1,981						
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1						
50500505	STUD SHEAR CONNECTORS	EACH	4,859	4,626	233					
50700209	UNTREATED TIMBER LAGGING	SO FT	1,792		1,792					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	293,980	280,520	7,460					
50800515	BAR SPLICERS	EACH	94	94						
50900805	PEDESTRIAN RAILING	FOOT	155	155						
50901730	BRIDGE FENCE RAILING	FOOT	360	360						
50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	360	360						
51200958	FURNISHING METAL SHELL PILES 14" X 0.250"	FOOT	11,080	11,080						
51202210	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	1,351		1,351					
51202305	DRIVING PILES	FOOT	11,080	11,080						
51203200	TEST PILE METAL SHELLS	EACH	3	3						
51500100	NAME PLATES	EACH	1	1						
52000110	PREFORMED JOINT STRIP SEAL	FOOT	92	92						
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	12	12						
52100530	ANCHOR BOLTS, 1 1/4"	EACH	24	24						
52100540	ANCHOR BOLTS, 1 1/2"	EACH	12	12						
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	60	60						

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
				J000	X271-2A	Y007	Y030-1E	Y002-1C	Y007	Y032-1F
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	30	30						
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	14	14						
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	60	60						
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	40	40						
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	170	170						
542A4009	PIPE CULVERTS, CLASS A, TYPE 6, 24"	FOOT	54	54						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4						
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6						
54246205	INLET BOX, STANDARD 542526	EACH	1	1						
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	3	3						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,073	1,073						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	8	8						
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	105	105						
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	28	28						
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	284	284						
550A0960	STORM SEWERS, CLASS A, TYPE 4 15"	FOOT	143	143						
550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	322	322						
550A1260	STORM SEWERS, CLASS A, TYPE 5 18"	FOOT	22	22						
550A1280	STORM SEWERS, CLASS A, TYPE 5 24"	FOOT	54	54						

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
				J000	X271-2A	Y007	Y030-1E	Y002-1C	Y007	Y032-1F
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	188	188						
550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	446	446						
550A2810	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 3 42"	FOOT	266	266						
550A3010	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4 42"	FOOT	206	206						
55100300	STORM SEWER REMOVAL 8"	FOOT	42	42						
55100500	STORM SEWER REMOVAL 12"	FOOT	336	336						
55101200	STORM SEWER REMOVAL 24"	FOOT	89	89						
58700300	CONCRETE SEALER	SQ FT	7,681		6,663	1,018				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	596		489	107				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	1	1						
60107600	PIPE UNDERDRAINS 4"	FOOT	2,219	2,219						
60107700	PIPE UNDERDRAINS 6"	FOOT	40	40						
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	436		216	220				
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	9	9						
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	4	4						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4						
60220210	MANHOLES, TYPE A, 4'-DIAMETER, WITH SALVAGED FRAME AND GRATE	EACH	2	2						

Rev.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
				J000	X271 - 2A	Y007	Y030 - 1E	Y002 - 1C	Y007	Y032 - 1F
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	20	20						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	5	5						
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	15	15						
60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1						
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1						
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4						
60500040	REMOVING MANHOLES	EACH	8	8						
60500050	REMOVING CATCH BASINS	EACH	3	3						
60500060	REMOVING INLETS	EACH	3	3						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,571	2,571						
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	937.5	937.5						
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1						
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1						
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1						
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2						
63200310	GUARDRAIL REMOVAL	FOOT	1,248	1,248						

* SPECIALTY ITEMS

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JMC	REVISED -			70	82-2-1-IHB	ST. CLAIR	236	11	
	PLOT SCALE = #SCALE#	CHECKED - DRH	REVISED -			CONTRACT NO. 76C55					
	PLOT DATE = #DATE#	DATE - OCTOBER 15, 2009	REVISED -			SCALE:	SHEET NO. 7 OF 13 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
63500105	DELINEATORS	EACH	6	6						
63500120	DELINEATOR REMOVAL	EACH	18	18						
63700255	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	FOOT	209	209						
63700805	CONCRETE BARRIER TRANSITION	FOOT	20	20						
63700900	CONCRETE BARRIER BASE	FOOT	229	229						
63801000	CONCRETE GLARE SCREEN	FOOT	229	229						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	22,718	22,718						
66500105	WOVEN WIRE FENCE, 4'	FOOT	828	828						
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	20	20						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3						
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	20	20						
67100100	MOBILIZATION	L SUM	1	1						
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	450	450						
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	20						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23,904	23,904						
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	64	64						

* SPECIALTY ITEMS

Rev.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	13,280	13,280						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,806	4,806						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	500	500						
* 72000100	SIGN PANEL - TYPE 1	SO FT	296					296		
* 72400100	REMOVE SIGN PANEL ASSEMBLY-TYPE A	EACH	17					17		
* 72400200	REMOVE SIGN PANEL ASSEMBLY-TYPE B	EACH	10					10		
* 72400330	REMOVE SIGN PANEL-TYPE 3	SO FT	119					119		
* 72400710	RELOCATE SIGN PANEL-TYPE 1	SO FT	6					6		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	281					281		
* 72900100	METAL POST - TYPE A	FOOT	28					28		
* 73000100	WOOD SIGN SUPPORT	FOOT	92					92		
* 73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	1					1		
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	1					1		
* 78008300	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	85	85						
* 78008370	POLYUREA PAVEMENT MARKING TYPE II - LINE 24"	FOOT	228	228						
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	15,362	15,362						
* 78008340	POLYUREA PAVEMENT MARKING TYPE II - LINE 8"	FOOT	602	602						
* 78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	761	761						

*SPECIALTY ITEMS

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JMC	REVISED -			70	82-2	ST. CLAIR	236	13	
	PLOT SCALE = #SCALE#	CHECKED - DRH	REVISED -			CONTRACT NO. 76C55					
	PLOT DATE = #DATE#	DATE - OCTOBER 15, 2009	REVISED -			SCALE	SHEET NO. 9 OF 13 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	58	58	X271 - 2A	Y007	Y030 - 1E	Y002 - 1C	Y007	Y032 - 1F
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	8	8						
78200410	GUARDRAIL MARKERS, TYPE A	EACH	16	16						
* 78200500	BARRIER WALL MARKERS	EACH	128	128						
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2						
78300100	PAVEMENT MARKING REMOVAL	SO FT	15,857	15,857						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	28	28						
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	330							330
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	30				30			
* 81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	140				40			100
* 81100220	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	400				400			
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	80							80
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	20				20			
* 81300210	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 4" X 4"	EACH	8				8			
* 81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	1				1			
* 81306200	DRILL EXISTING JUNCTION BOX	EACH	2							2
* 81400100	HANDHOLE	EACH	5							5
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4							4

*SPECIALTY ITEMS

FILE NAME =	USER NAME = BUSERS	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN - JMC	REVISED -			70	82-2-1-1HB	ST. CLAIR	236	14	
	PLOT SCALE = 8SCALES	CHECKED - DRH	REVISED -			CONTRACT NO. 76C55					
	PLOT DATE = 8DATES	DATE - OCTOBER 15, 2009	REVISED -			SCALE:	SHEET NO. 10 OF 13 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY J000	EXCHANGE AVE. BRIDGE S.N. 082-0378 X271 - 2A	RETAINING WALL S.N. 082-W301 Y007	LIGHTING Y030 - 1E	SIGNING Y002 - 1C	STRUCTURE DEMOLITION Y007	ITS Y032 - 1F
* 81603030	UNIT DUCT, 600V, 2-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	950				950			
* 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	1,100				1,100			
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,715				920		1795	
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	5				5			
* 82107300	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8				8			
* 83017600	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	5				5			
* 83057290	LIGHT POLE, WOOD, 50 FOOT, CLASS 4	EACH	8				8			
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	33				33			
* 87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	512						512	
* 87900200	DRILL EXISTING HANDHOLE	EACH	1						1	
* X0301576	COAXIAL CABLE IN CONDUIT	FOOT	220						220	
X0320870	BRACED EXCAVATION	CU YD	220		220					
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	64	64						
X5080600	MECHANICAL SPLICERS	EACH	239		239					
X0322400	PILE EXTRACTION	EACH	168		168					
* X0322925	ELECTRICAL CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,507						2,507	
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4		4					
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1641		1641					
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	1				1			

*SPECIALTY ITEMS

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JMC	REVISED -					70	82-2-1-IHB	ST. CLAIR	236	15
	PLOT DATE = #DATE#	CHECKED - DRH	REVISED -		SCALE:	SHEET NO. 11 OF 13 SHEETS	STA.	TO STA.	CONTRACT NO. 76C55			
		DATE - OCTOBER 15, 2009	REVISED -						ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
				J000	X271 -2A	Y007	Y030 -1E	Y002 -1C	Y007	Y032 -1F
* X0325076	WIDE AREA NETWORK	L SUM	1							1
* X0325077	FIBER OPTIC UTILITY MARKER	EACH	12							12
* X0325271	ELECTRICAL CABLE IN CONDUIT NO. 12 3C	FOOT	220							220
* X0325462	MEDIA CONVERTER	EACH	3							3
* X0325751	DRIVING SOLDIER PILES	FOOT	1,351			1,351				
* X0329863	INTERCEPT EXISTING CONDUIT	EACH	2							2
X0342600	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1						
* X8100065	CONDUIT IN TRENCH, 4" DIA PVC TYPE C	FOOT	1,644							1,644
* X0321031	REMOVAL ^{OF} LUMINAIRE	EACH	12				12			
* X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	2,570							2,570
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1						1	
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1						1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z007603	BUILDING REMOVAL NO. 3	L SUM	1						1	
Z0017100	DOWEL BARS	EACH	40	40						
Z007604	BUILDING REMOVAL NO. 4	L SUM	1						1	
Z0018800	DRAINAGE SYSTEM	L SUM	1			1				
Z007605	BUILDING REMOVAL NO. 5	L SUM	1						1	
Z0022800	FENCE REMOVAL	FOOT	1,183	1,183						
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	9	9						
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	2						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						
* Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1						1	
* Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1						1	
* Z0049902	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1						1	
* Z0049903	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1						1	
* Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1						1	

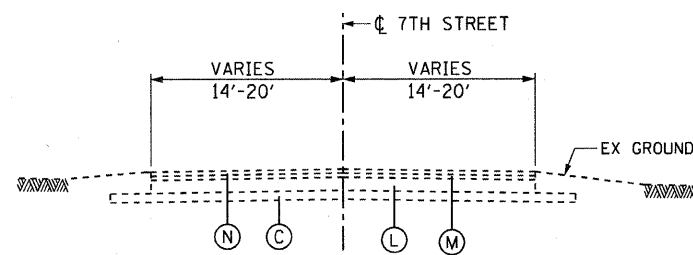
* SPECIALTY ITEMS

FILE NAME =	USER NAME = BUSER	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	Rev CONTRACT NO. 76C55
#FILE#		DRAWN - JMC	REVISED -			70	82-2-1-1H	ST. CLAIR	236	16	
	PLOT SCALE = #SCALE#	CHECKED - DRH	REVISED -			SCALE: SHEET NO. 12 OF 13 SHEETS STA. 10 STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT DATE = #DATE#	DATE - OCTOBER 15, 2009	REVISED -								

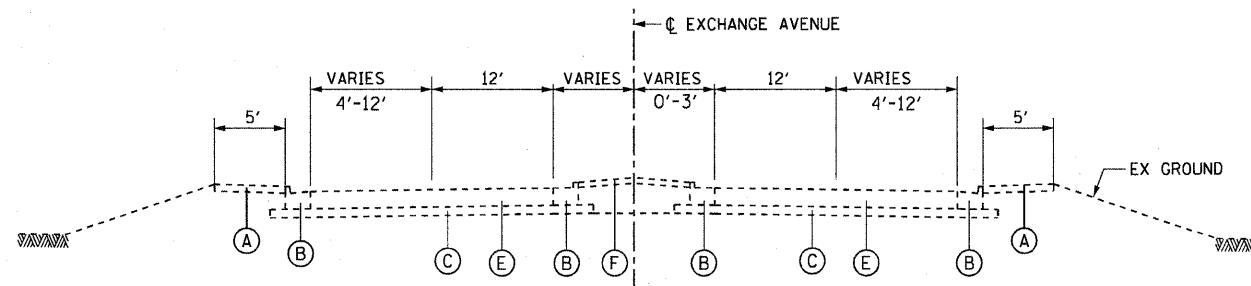
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE - 100% STATE FUNDING						
CODE NO	ITEM	UNIT		ROADWAY	EXCHANGE AVE. BRIDGE S.N. 082-0378	RETAINING WALL S.N. 082-W301	LIGHTING	SIGNING	STRUCTURE DEMOLITION	ITS
			J000	X271 -2A	Y007	Y030 -1E	Y002 -1C	Y007	Y032 -1F	
* Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	+					+		
Z0075300	TIE BARS	EACH	134	134						
Z0076600	TRAINEES	HOURLY	1,000	1,000						
XX000598	COMBINED SEWER REMOVAL 12"	FOOT	1,049	1,049						
* XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1,600						1,600	
XX005909	MANHOLES, TYPE A, 4'DIA. WITH FLAT TOP & TYPE 1 FRAME AND LID	EACH	1	1						
X0326804	COMBINED SEWER REMOVAL 42"	FOOT	972	972						
X0326805	FOUNDATION REMOVAL	SO FT	3,639	3,639						
X0326806	WASHOUT BASIN	L SUM	1	1						
X0326807	CONCRETE BARRIER WALL (SPECIAL)	FOOT	126	126						
X0326808	INTERSTATE WEEKEND CLOSURE, SPECIAL	L SUM	1					1		
	CONDUIT PUSHED, 4" DIA, PVC	FOOT	100						100	
* X0326809	COAX TO ETHERNET MEDIA CONVERTER	EACH	2						2	
* X0326810	WIRELESS COMMUNICATION DEVICE	EACH	4						4	
* X0326813	3" UNIDUCT FLEXIBLE, NON METALLIC, ATTACHED TO STRUCTURE	FOOT	120						120	
* X0326811	ABANDON CONDUIT IN PLACE	EACH	5						5	
* X0326812	CAT 5 ETHERNET CABLE	FOOT	320						320	
* X8100126	CONDUIT IN TRENCH, 2" DIA, PVC TYPE C	FOOT	60						60	
X0326829	CHAIN LINK GATE 10' x 30' DOUBLE SWING	EACH	1	1						
X0326831	CHAIN LINK CANTILEVER SLIDE GATE, 10' x 30'	EACH	1	1						
X0326830	CHAIN LINK GATE 8' x 30' DOUBLE SWING	EACH	1	1						
X0326832	OIL SEPARATOR SYSTEM	L SUM	1	1						
Z0007606	BUILDING REMOVAL NO. 6	L SUM	1	1						
Z0049905	REMOVAL & DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5 AND	L SUM	1	1						

* SPECIALTY ITEMS



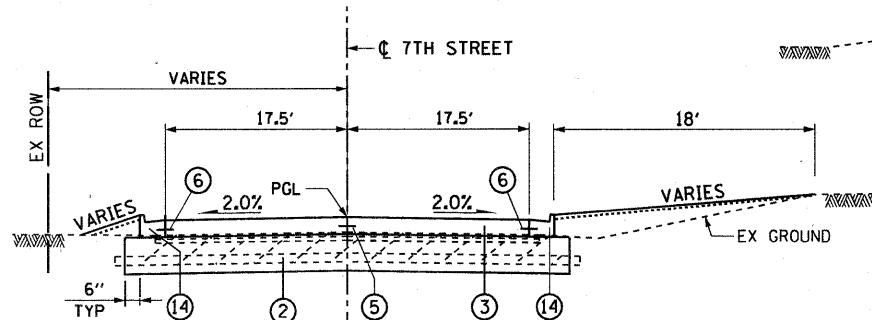
EXISTING 7TH STREET
STA 10+76.00 TO STA 16+36.00



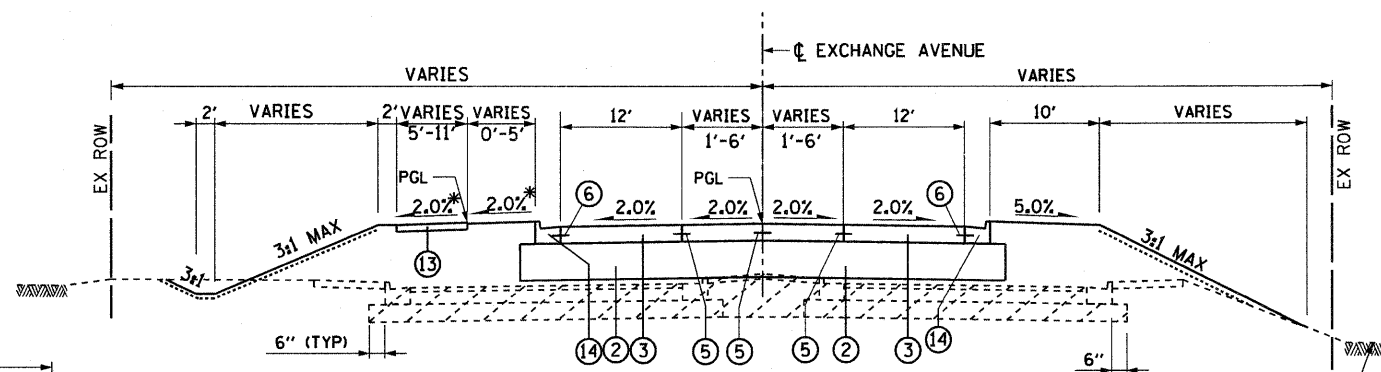
EXISTING EXCHANGE AVENUE

STA 10+62.50 TO STA 16+47.67
STA 18+73.67 TO STA 23+00.00

NO SIDEWALK STA 12+85.00 TO STA 19+75.00 RT
NO SIDEWALK STA 14+57.34 TO STA 21+03.00 LT



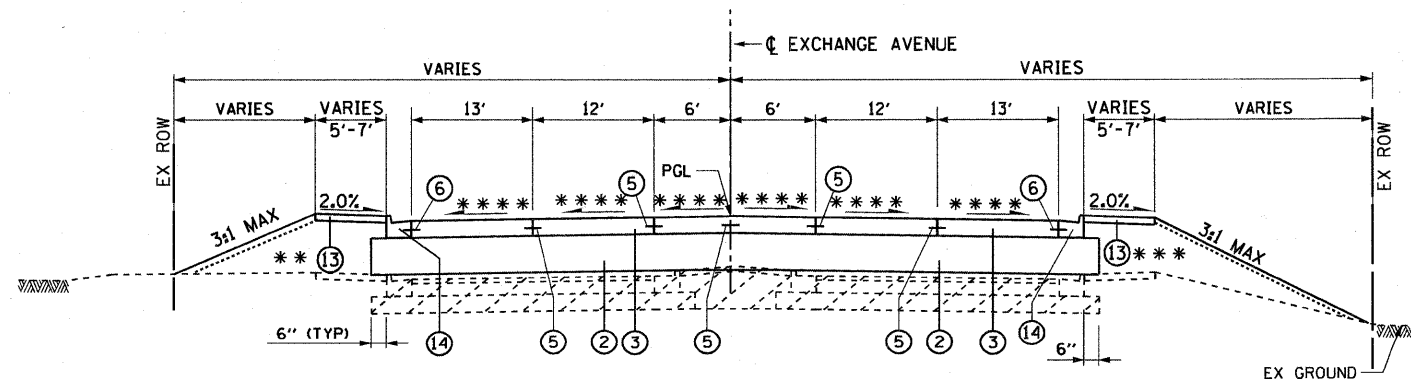
PROPOSED 7TH STREET
STA 12+80.00 TO STA 16+36.00



PROPOSED EXCHANGE AVENUE

STA 10+62.50 TO STA 16+71.94
STA 19+73.76 TO STA 21+80.00

*SIDEWALK 2.0% SLOPED TOWARD ROADWAY FROM STA 19+73.76 TO STA 21+80.00



PROPOSED EXCHANGE AVENUE

STA 21+80.00 TO STA 23+00.00

** PCC SIDEWALK 4" - FROM STA 22+36.23 TO STA 22+85.00
*** PCC SIDEWALK 4" - FROM STA 22+46.45 TO STA 22+85.00
*** VARIABLE - SEE INTERSECTION ELEVATION DETAILS

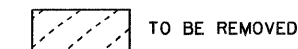
EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK-4"±
- (B) COMBINATION CURB AND GUTTER TYPE B-6.12
- (C) GRANULAR SUBBASE-4"±
- (D) BITUMINOUS CONCRETE SURFACE COURSE-1 1/2 "
- (E) PORTLAND CEMENT CONCRETE PAVEMENT-10 1/2 "
- (F) CONCRETE MEDIAN SURFACE
- (G) BITUMINOUS PAVEMENT-2"±
- (H) STABILIZED SHOULDER
- (I) AGGREGATE SHOULDER
- (J) CONCRETE RETAINING WALL
- (K) SUB-BASE GRANULAR MATERIAL, TYPE A-6"±
- (L) PORTLAND CEMENT CONCRETE BASE COURSE-9"
- (M) BITUMINOUS CONCRETE BINDER COURSE-1 1/2 "
- (N) BRICK PAVEMENT
- (O) AGGREGATE SURFACE

PROPOSED LEGEND:

- (1) AGGREGATE BASE COURSE, TYPE A 10"
- (2) AGGREGATE BASE COURSE, TYPE A 12"
- (3) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2 " (JOINTED)
- (4) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2 " (JOINTED)
- (5) #6 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR PCC PAVEMENT-JOINTED)
- (6) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR CURB AND GUTTER, PCC PAVEMENT-JOINTED OR PCC SHOULDER)
- (6A) DRILL AND GROUT #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR PCC SHOULDER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 4"
- (9) PORTLAND CEMENT CONCRETE SHOULDER - 10"
- (10) AGGREGATE SHOULDER, TYPE A
- (11) HOT-MIX ASPHALT SHOULDERS, 8"
- (12) HOT-MIX ASPHALT SHOULDERS, 10"
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 4"
- (14) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (15) PIPE UNDERDRAINS - 4"
- (16) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

LEGEND



NOTE:

1. SEEDING, CLASS 2A AND MULCH, METHOD 2 SHALL BE USED ON SIDE SLOPES FLATTER THAN 3:1. SEEDING CLASS 3 SHALL BE USED ON 3:1 SIDE SLOPES.

EXCHANGE AVENUE

STRUCTURAL DESIGN TRAFFIC:	YEAR	2020
PV= 1805	SU= 57	MU= 38
ROAD/STREET CLASSIFICATION:	CLASS	COLLECTOR
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 32%	S= 45%	M= 45%
TRAFFIC FACTOR:	ACTUAL TF= 0.3	AC TYPE=
	MINIMUM TF= NO MINIMUM	
PG GRADE:	BINDER=	SURFACE=
SUBGRADE SUPPORT RATING	SSR=	POOR

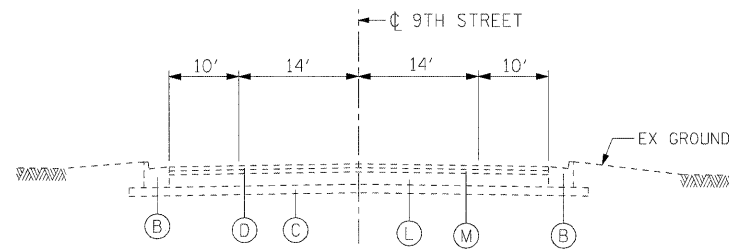
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

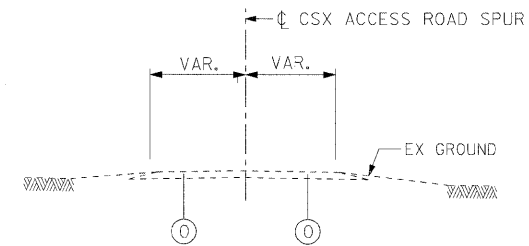
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	18
FED. ROAD DIST. NO.		ILLINOIS/FED. AID PROJECT		

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

\$DATE\$ \$TIME\$ \$FILE\$



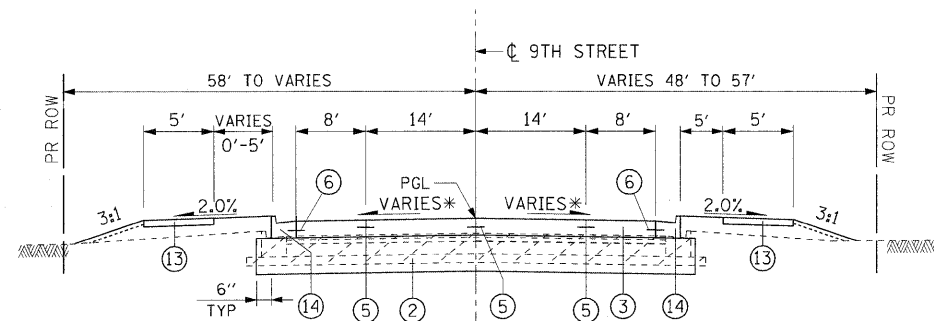
EXISTING 9TH STREET
STA 3+90.00 TO STA 5+60.63



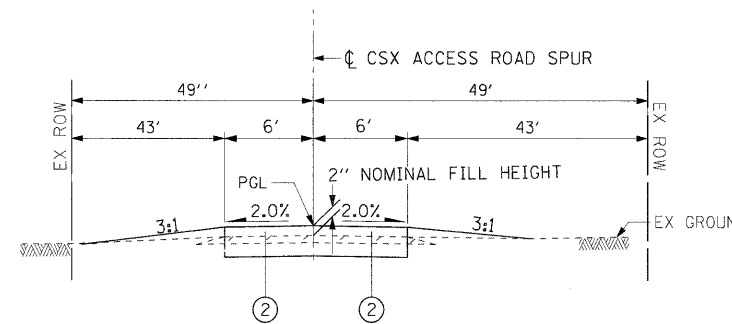
EXISTING CSX ACCESS ROAD SPUR
STA 0+00.00 TO STA 2+80.75
8+59.00

EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK-4"±
- (B) COMBINATION CURB AND GUTTER TYPE B-6.12
- (C) GRANULAR SUBBASE-4"±
- (D) BITUMINOUS CONCRETE SURFACE COURSE-1 1/2 "
- (E) PORTLAND CEMENT CONCRETE PAVEMENT-10 1/2 "
- (F) CONCRETE MEDIAN SURFACE
- (G) BITUMINOUS PAVEMENT-2"±
- (H) STABILIZED SHOULDER
- (I) AGGREGATE SHOULDER
- (J) CONCRETE RETAINING WALL
- (K) SUB-BASE GRANULAR MATERIAL, TYPE A-6"±
- (L) PORTLAND CEMENT CONCRETE BASE COURSE-9"
- (M) BITUMINOUS CONCRETE BINDER COURSE-1 1/2 "
- (N) BRICK PAVEMENT
- (O) AGGREGATE SURFACE



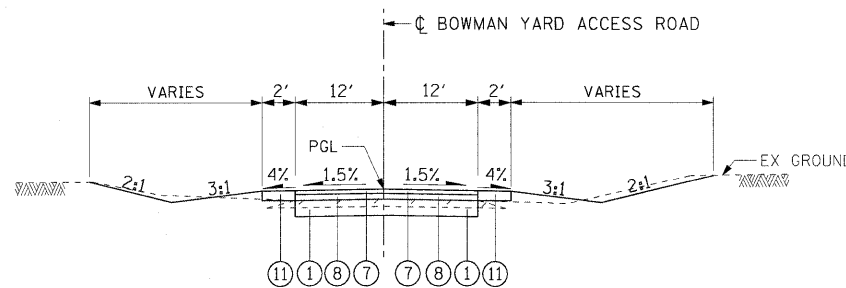
PROPOSED 9TH STREET
STA 3+90.00 TO STA 5+60.63
* VARIABLE CROSS-SLOPE. SEE INTERSECTION ELEVATION DETAILS



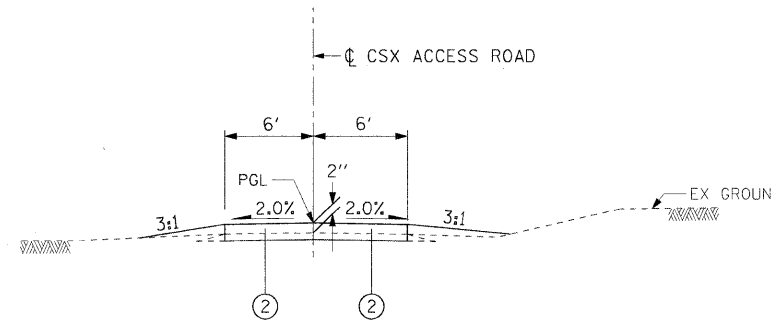
PROPOSED CSX ACCESS ROAD SPUR
STA 0+00.00 TO STA 2+80.75

PROPOSED LEGEND:

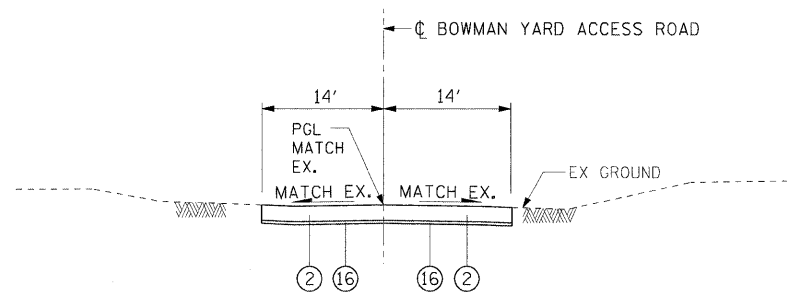
- (1) AGGREGATE BASE COURSE, TYPE A 10"
- (2) AGGREGATE BASE COURSE, TYPE A 12"
- (3) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2 " (JOINTED)
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- (5) #6 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR PCC PAVEMENT-JOINTED)
- (6) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR CURB AND GUTTER, PCC PAVEMENT-JOINTED OR PCC SHOULDER)
- (6A) DRILL AND GROUT #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR PCC SHOULDER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 2"
- (8) HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90 4"
- (9) PORTLAND CEMENT CONCRETE SHOULDER - 10"
- (10) AGGREGATE SHOULDER, TYPE A
- (11) HOT-MIX ASPHALT SHOULDERS, 8"
- (12) HOT-MIX ASPHALT SHOULDERS, 10"
- (13) PORTLAND CEMENT CONCRETE SIDEWALK 4"
- (14) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (15) PIPE UNDERDRAINS - 4"
- (16) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



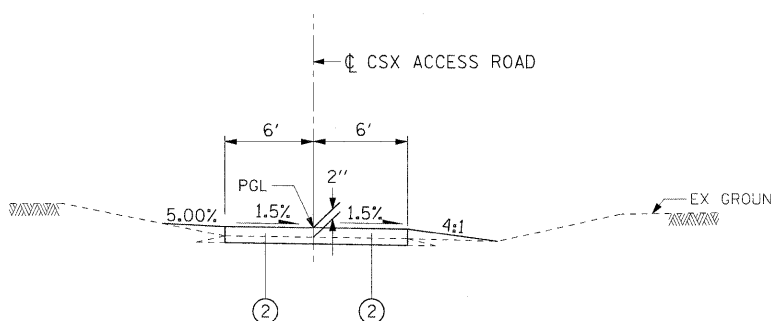
PROPOSED BOWMAN YARD ACCESS ROAD
STA 0+00.00 TO STA 13+50.00



PROPOSED CSX ACCESS ROAD
STA 8+59.00 TO STA 15+50.00
SUPERELEVATION TRANSITION - STA 15+50.00 TO STA 16+50.00 (-2.0% LT TO 1.5% LT)



PROPOSED BOWMAN YARD ACCESS ROAD
STA 13+50.00 TO STA 19+40.70



PROPOSED CSX ACCESS ROAD
STA 16+50 TO STA 17+87.78

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL	PLOT SCALE = #SCALE#	DRAWN - KNW	REVISED -		SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	70	B2-2-1HB	ST. CLAIR	236	19
	PLOT DATE = #DATE#	CHECKED - DRH	REVISED -										
		DATE - DECEMBER 18, 2009	REVISED -										
								CONTRACT NO. 76C55					
								ILLINOIS FED. AID PROJECT					

ROADWAY SCHEDULE																	
STATION TO STATION	PC CONC SIDEWALK 4	PC CONC SIDEWALK SPECIAL	PEDESTRIAN RAILING	COMB CC&G TB6.24	PCC PVT 8 1/2 JOINTD	PCC PVT 10 JOINTED	AGG BASE CSE A 12	AGGREGATE SHLDS A 10	PCC SHOULDERS 10	HMA SC "D" N90	HMA BC IL-19.0 N90	AGG BASE CSE A 10	HMA SHOULDERS 8	HMA SHOULDERS 10	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	PROTECTIVE COAT	BITUMINOUS MATERIALS (PRIME COAT)
	SQ FT	SQ FT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON
EXCHANGE AVE																	
10+62.50 TO 16+76.08	2575			1067	1864		2341									4787	
19+67.73 TO 21+80.00	609	709	155	289	1038		1203									2389	
21+80.00 TO 23+00.00	1422			167	827		920									1951	
APPROACH SLABS																306	
7TH STREET																	
12+80.00 TO 16+36.00				587	1384		1661									1547	
9TH STREET																	
3+90.00 TO 5+60.63				192	834		967									887	
ROWMAN YARD ACCESS RD																	
0+00.00 TO 19+40.70							1838			403	806	3600	600		1838		2.25
ACCESS ROAD SPUR																	
0+00.00 TO 2+80.75							374										
CSX ACCESS ROAD																	
1+46.51 8+59.00 TO 17+87.73							2190 1372										
RAMP O																	
10+06.39 TO 14+85.39						852	852	122	319							1171	
14+85.39 TO 23+55.43						2513	1547	444	967							3480	
23+55.43 TO 24+23.97				68		122	175									141	
I-55				202					187								
RAMP P REMOVAL AREA														5049			
BOWMAN YARD												6891					
TOTALS	4606	709	155	2571	5947	3487	14068	566	1473	403	806	10491	600	5049	1838	16659	2.25

STATION	RT OR LT	DRIVEWAY PAVEMENT REMOVAL	
		(SQ YD)	MATERIAL
EXCHANGE AVE			
13+00.00	RT	35	CONC
14+06.00	LT	28	CONC
20+58.00	LT	46	BIT
22+90.00	RT	20	BIT
7TH STREET			
12+55.00	LT	26	BIT
14+35.00	LT	26	BIT
RAMP "O"			
17+95.00	LT	25	CONC
TOTAL		206	

TEMPORARY CONCRETE BARRIER					
STATION TO STATION	SIDE	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY	IMPACT ATTENUATORS, RELOCATE
		FT	FT	EA	EA
EXCHANGE AVE					
19+13.23 TO 19+44.73	RT	38			
BOWMAN ACCESS RD					
12+60.22 TO 15+63.76	RT	304			
13+22.89 TO 16+20.89	LT	298			
MOT STAGE 1					
		500		2	
MOT STAGE 2					
		1040	500		2
TOTAL					
		2180	500	2	2

\$DATE# \$TIME# \$FILE#	FILE NAME =	USER NAME = \$USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	#FILEL	DRAWN - JMC	REVISED -	70				82-2-1HB	ST. CLAIR	236	23	
	PLOT SCALE = \$SCALE#	CHECKED - DRH	REVISED -	CONTRACT NO. 76C55								
PLOT DATE = \$DATE#	DATE - OCTOBER 9, 2009	REVISED -	SCALE: NONE	SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

LANDSCAPE ITEMS						
	SEEDING CL 2A	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	AGR GROUND LIMESTONE	MULCH METHOD 2
STATION TO STATION	ACRE	POUND	POUND	POUND	TON	TON
EXCHANGE AVE	1.46	131	131	131	2.92	2.92
RAMP P REMOVAL	0.68	61	61	61	1.36	1.36
BOWMAN YARD ACCESS RD	1.24	112	112	112	2.48	2.48
CSX ACCESS ROAD AND SPUR	0.42 0.25	38 23	38 23	38 23	0.84 0.50	0.84 0.50
RAMP O, INCLDING INFIELD	4.45	401	401	401	8.90	8.90
TOTALS	8.25 8.08	743 728	743 728	743 728	16.50 16.16	16.50 16.16

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CY)	EXCAVATION ADJUSTED FOR SHRINKAGE (CY)	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CY)
EXCHANGE AVE	1123	842	3825	-2983
7TH ST	808	606	1	605
BOWMAN	2896	2172	419	1753
RAMP "O"	10044	7533	1586	5947
RAMP "O" INFIELD	28387 24611	22048 18458	220 215	21828 18243
CSX ACCESS RD	0 53	0 40	891 713	891 -673
CSX SPUR	104	78	0	78
BOWMAN YARD	4591	3443	0	3443
RAMP "P"/I-55	9756	7317	0	7317
WALL E	1285	964	0	964
TOTAL	60004 55271	45003 41453	6942 6759	36660 34694

\$DATE\$
 \$TIME\$
 \$FILE\$

TREE REMOVAL					
STATION TO STATION	TREE REMOVAL (INCH DIA)				TREE REMOVAL ACRES
	Ø TO TREE		6-15 INCH DIA	OVER 15 INCH DIA	
	LT FT	RT FT			
7TH STREET					
11+45.45	90.53		10	26	
11+78.68	63.76			26	
11+79.56	48.48		13		
12+13.89	43.09			16	
12+15.65	59.26		15		
12+56.11	127.09			46	
12+64.90	128.26			46	
12+77.88	52.29		14		
13+12.01	121.37			19	
11+44.54	92.12		8		
11+77.48	60.81			26	
11+82.95	49.67		12		
12+13.65	57.21		14		
12+15.75	45.21			16	
12+56.29	127.02			36	
12+78.86	52.48		14		
13+10.30	122.83			17	
11+39.23 TO 32.40					0.17
CSX ACCESS ROAD					
14+59.63	12.95		12		
14+59.63	12.95		12		
14+60.76	12.10		12		
14+60.76	12.10		12		
14+60.76	12.10			16	
14+61.72	13.48			18	
14+92.29		29.69	12		
14+99.71		18.47	9		
14+99.86		19.46	6		
15+02.44		2.90	6		
15+08.08	0.03		6		
15+12.04	0.56		7		
15+12.04	0.56		7		
15+14.55		16.25	6		
15+14.55		16.25	7		
15+14.55		16.25	7		
15+32.02	15.68		10		
15+32.61	11.73		10		
15+34.78	3.96		10		
15+40.82	10.93		8		
15+42.31		63.57	9		
15+45.76	11.67		10		
15+46.02		69.29		18	
15+46.02		69.29		25	
15+49.52		84.57		24	
SUBTOTAL (1)			28	15	0.17

DATE \$ TIME \$ FILE \$

FILE NAME =	USER NAME = \$USER\$	DESIGNED - RRV	REVISED -
\$FILEL		DRAWN - JMC	REVISED -
PLOT SCALE = \$SCALE\$		CHECKED - DRH	REVISED -
PLOT DATE = \$DATE\$		DATE - OCTOBER 9, 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	25
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76C55	

DETECTABLE WARNINGS SCHEDULE		
STATION	SIDE	DETECTABLE WARNINGS (SQ FT)
EXCHANGE AVE		
12+25.94	LT	10
12+25.94	RT	10
21+39.28	LT	10
21+39.40	RT	10
22+29.28	LT	10
22+29.40	RT	10
7TH STREET		
15+96.98	RT	10
15+97.01	LT	10
9TH STREET		
4+16.52	RT	10
4+16.60	LT	10
5+27.00	RT	10
5+27.11	LT	10
TOTAL		120

PATCHING SCHEDULE								
LOCATION	SIDE	SIZE			CLASS A PATCHES, TYPE IV (SQ YD)	SAW CUTS (FT)	DOWEL BARS (EA)	TIE BARS (EA)
		FT	X	FT				
I-55 N								
79+98.00	LT	12.0	X	68.0	91	104	20	67
79+98.00	RT	12.0	X	68.0	91	104	20	67
TOTALS					182	208	40	134

FENCE SCHEDULE	
LOCATION	WOVEN WIRE FENCE, 4' (LF)
RAMP 0	
15+58.44 TO 23+86.08	828
TOTAL	828

GUARD RAIL SCHEDULE								
LOCATION	SIDE	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6B	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL, TYPE 2	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL REFLECTORS
		FT	EA	EA	EA	EA	EA	EA
EXCHANGE AVE								
14+81.18 TO 16+36.81	RT	63.0	1		1		1	4
RAMP "0"								
BEGIN TO 13+46.80	RT	275.0		1		1		4
83+83.00 TO 90+13.59	RT	600.0			1		1	8
TOTAL		938.0	1	1	2	1	2	16

PIPE SCHEDULE																										
UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE GRADE (%)	STORM SEWERS, CLASS A (LF)								STORMS SEWERS, WM REQ (LF)	STORMS SEWERS, RUBBER GASKET, CLASS A (LF)				PIPE CULVERTS, CLASS A (LF)						TRENCH BACKFILL (CY)		
					TYPE 2			TYPE 3		TYPE 4		TYPE 5		TYPE 3	TYPE 2	TYPE 3	TYPE 4	TYPE 1			TYPE 2					
					12"	15"	24"	12"	24"	15"	24"	18"						24"	24"	12"	42"	42"	42"		12"	18"
INLET 1-5L	INLET 1-5R	422.11	421.85	1.0	26																				10	
INLET 1-5R	CB 1-4R	421.65	413.03	4.0	218																					103
INLET 1-4L	CB 1-4R	413.29	413.03	1.0	26																					10
CB 1-4R	MH 1-10	412.83	412.71	1.0				12																		6
FES 1-1	MH 1-10	406.67	405.85	1.0																				82		88
MH 1-10	MH 1-9	405.65	405.33	0.4				78																		219
INLET 1-3L	CB 1-3R	412.02	411.76	1.0	26																					11
CB 1-3R	MH 1-9	411.56	411.48	1.0				8																		4
INLET 1-1L	INLET 1-2L	411.64	411.48	1.0	16																					6
INLET 1-2L	CB 1-2R	411.28	411.02	1.0	26																					13
CB 1-2R	MH 1-8	410.82	410.74	1.0				8																		4
MH 1-9	MH 1-8	405.13	404.84	0.4				72																		197
MH 1-8	MH 2-7A	404.64	404.25	0.6									64													143
INLET 2-4L	MH 2-7	408.00	407.70	1.0	30																					32
INLET 1-1R	CB 1-2R	411.68	411.02	4.1	16																					7
INLET 2-4R	MH 2-7	408.00	407.70	3.8	8																					7
CB 2-4AR	MH 1-8	408.75	408.65	1.3			8																			5
MH 2-7	MH 2-6	403.75	403.51	0.7				34.5																		77
INLET 2-3L	CB 2-2L	408.00	407.80	1.1	18																					18
CB 2-2L	MH 2-6	407.60	407.30	1.0	30																					35
INLET 2-3R	CB 2-2R	408.00	407.80	1.1	18																					18
CB 2-2R	MH 2-6	407.60	407.30	3.8	8																					8
MH 2-6	MH 2-5	403.31	402.64	0.8				83																		214
INLET 2-1L	MH 2-5	409.00	408.70	1.0	30																					30
INLET 2-1R	MH 2-5	409.00	408.70	3.8	8																					6
MH 2-5	MH 2-4	402.44	401.50	0.8							118															365
INLET 2-5L	MH 2-4	408.55	408.25	1.0	30																					39
INLET 2-5R	MH 2-4	408.55	408.25	3.8	8																					8
MH 2-4	MH 2-3	401.30	399.46	0.9							204															773
MH 2-3	MH 2-2	399.26	398.67	1.1								54														229
MH 2-2	MH 2-1 (EXIST)	398.47	398.21	1.2							22															102
MH 2-7A	MH 2-7	404.05	403.95	0.7				16																		32
SUBTOTAL (I)					542	8	0	28	284	0	322	22	54	64	0	0	0	0	0	0	0	0	0	0	82	2819

PIPE SCHEDULE (CONT'D)

UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE GRADE (%)	STORM SEWERS, CLASS A (LF)								STORMS SEWERS, WM REQ (LF)	STORMS SEWERS, RUBBER GASKET, CLASS A (LF)			PIPE CULVERTS, CLASS A (LF)						TRENCH BACKFILL (CY)			
					TYPE 2			TYPE 3		TYPE 4		TYPE 5		TYPE 3	TYPE 2	TYPE 3	TYPE 4	TYPE 1		TYPE 2				TYPE 6		
					12"	15"	24"	12"	24"	15"	24"	18"	24"	24"	12"	42"	42"	42"	12"	18"	24"	12"		18"	24"	24"
MH 2-13	MH 2-14 (EXIST)	413.88	413.32	0.3									188											98		
MH 5-1	MH 5-2	404.94	404.82	0.1											144									622		
MH 5-2	MH 5-3	404.82	404.16	0.2										440										1639		
MH 5-3	EXIST PIPE	404.16	404.15 (EXIST)	0.1										6										13		
INLET 4-1L	INLET 4-1R	413.05	412.60	1.0	44																			17		
INLET 4-1R	CB 3-2L	412.40	411.70	1.0	70																			62		
CB 3-2L	MH 3-1	411.50	411.33	1.0	19																			28		
INLET 4-2L	INLET 4-2R	413.45	413.01	1.0	44																			20		
INLET 4-2R	CB 3-2R	412.81	412.01	1.0	80																			76		
CB 3-2R	MH 3-1	411.81	411.33	2.3	20.5																			30		
CB 3-1L	MH 3-2	420.33	420.16	1.0	17																			7		
CB 3-1R	MH 3-2	420.33	420.16	1.1	15																			6		
MH 3-3	MH 3-2	403.41	403.15	0.2																		146		679		
MH 3-2	MH 3-1	403.15	403.09	0.1																		60		306		
MH 3-1	MH 3-4 (EXIST)	403.09	402.97 (EXIST)	0.1																		122		469		
FES 6-1	FES 6-2	407.79	407.44	0.40																		88		44		
FES 7-1	FES 7-2	412.18	411.98	0.50																		40		45		
FES 8-1	FES 8-2	413.18	413.03	0.50																		30		18		
FES 9-1	FES 9-2	413.56	413.06	0.93																			54	87		
HW 10-1	HW 10-2	414.18	413.14	1.92																			54	87		
MH 55-1 (EXIST)	MH 55-2	394.70	394.33	1.77																				22		
MH 55-2	MH 55-3	394.13	392.99	1.77								21												75		
MH 55-3	MH 55-4	392.79	392.45	1.77								19.5												18		
MH 55-6	MH 55-5	402.57	400.20	3.00	79																			87		
MH 55-7	MH 55-6	402.97	402.67	1.00	30																			19		
MH 55-9	MH 55-8	397.97	396.00	3.00	70																			74		
MH 55-10	MH 55-9	400.39	400.07	1.00	32																			21		
INLET BOX 11-1	FES 11-2	409.63	409.56	0.50																		14		4		
MH 2-15	MH 2-3	402.20	399.46	1.9								143												521		
FES 12-1	FES 12-2	413.76	413.64	0.2																		60		10		
INLET 13-1	FES 13-1	411.50	408.50	5																		60		60		
CB BY-1	MH BY-1	*	*	*	10																			10		
SUBTOTAL (2)					531	0	105	0	0	143	0	0	0	0	188	446	266	206	60	30	14	60	40	88	54	5187
SUBTOTAL (1)					542	8	0	28	284	0	322	22	54	64	0	0	0	0	0	0	0	0	0	82	0	2819
SUBTOTAL (2)					531	0	105	0	0	143	0	0	0	0	188	446	266	206	60	30	14	60	40	88	54	5187
TOTALS					1073	8	105	28	284	143	322	22	54	64	188	446	266	206	60	30	14	60	40	170	54	8006

* TO BE DETERMINED BY ENGINEER

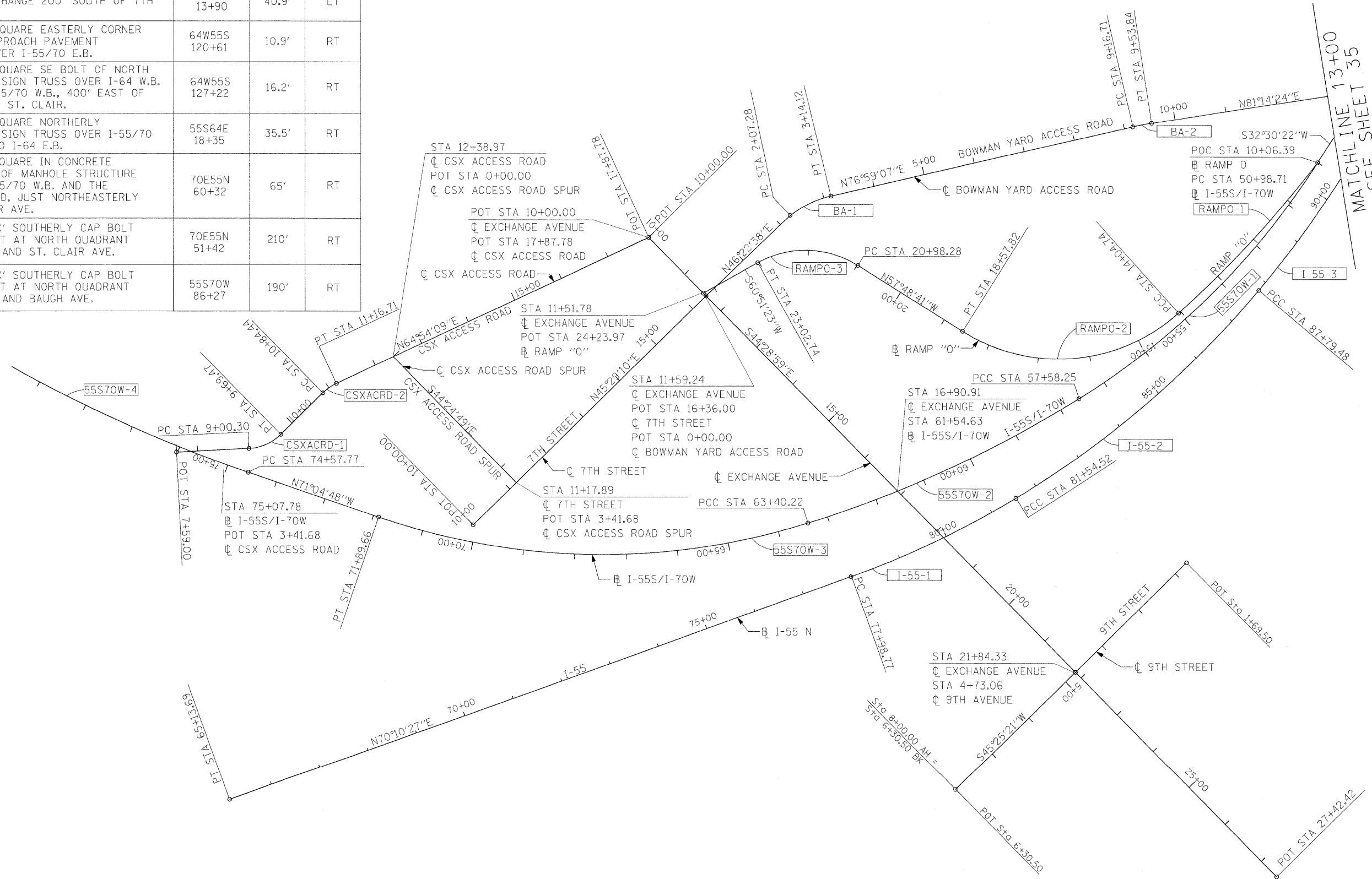
PIPE UNDERDRAINS SCHEDULE					
LOCATION	OFFSET	PIPE UNDERDRAINS		PIPE UNDERDRAINS FOR STRUCTURES (LF)	CONCRETE HEADWALL FOR PIPE DRAINS (EACH)
		4" (LF)	6" (LF)		
RAMP "O"					
10+06.39 TO 23+55.43	0'	1349.0			
14+85.79 TO 23+55.43	16' LT	870.0			
17+26.59	16' LT TO 24' RT		40		1
EXCHANGE AVENUE					
16+72.03				218	
19+73.73				218	
TOTALS		2219.0	40	436	1

MANHOLE & INLET REMOVAL SCHEDULE								
LOCATION	OFFSET	MANHOLE (EACH)	CATCH BASIN (EACH)	INLET (EACH)	MANHOLES TO BE RECONSTRUCTED (EACH)	MANHOLES TO BE RECONSTRUCTED W/ TIF CL (EACH)	MANHOLES TO BE ADJUSTED (EACH)	CATCH BASINS TO BE RECONSTRUCTED W/ TIF CL (EACH)
EXCHANGE AVENUE								
11+39	29' LT	1						
11+38	30.7' RT	1						
11+84	21.9' RT			1				
11+82	27.1' LT	1						
15+34	40.8' LT			1				
16+19	42.7' LT	1						
16+29	26.1' LT					1		
16+42	177.0' LT			1				
16+75	40.6' LT	1						
16+95	184.0' LT		1					
18+29	38.7' LT				1			
19+88	2.0' RT	1						
20+05	35.1' RT	1						
20+25	35.7' LT	1						
21+23	33.8' RT		1					
21+30	33.8' LT		1					
22+38	0						1	
7TH STREET								
11+25	90.0' RT					1		
13+95	21.3' LT					1		
RAMP "O"								
15+89	24.20' RT					1		
15+87	7.80' RT							1
CSX ACCESS ROAD								
2+85	0.60' RT					1		
TOTALS		8	3	3	1	4	1	1

PIPE REMOVAL SCHEDULE							
STATION TO STATION	STORM SEWER REMOVAL				COMBINED SEWER REMOVAL		TRENCH BACKFILL (CY)
	8" (LF)	12" (LF)	24" (LF)	27" (LF)	12" (LF)	42" (LF)	
EXCHANGE AVENUE							
11+39LT TO 11+82LT	42						8
11+38RT TO 11+82LT					71		23
11+84RT TO 11+82LT		47					13
11+82LT TO 16+29 LT					447		
15+34 LT TO 16+19LT		85					
16+19LT TO 16+29 LT		16					
16+19LT TO 16+42 LT		135					
16+42 LT TO 16+95 LT		53					
16+32 RT TO 18+30 LT						588	168
19+88 RT TO 19+87 LT						134	111
19+88 RT TO 20+25 LT					51		47
20+25 LT TO 21+40 LT					116		9
19+88 RT TO 20+05 RT					37		20
20+05 RT TO 21+23 RT					117		
19+88 RT TO 22+38 RT						250	278
18+07 LT TO 18+29 LT			21				
18+05 RT TO 18+29 LT			68				
7TH STREET							
13+95 LT TO 16+05 LT					210		
CSX ACCESS ROAD							
2+73 RT TO 2+85 RT		60					9
2+85 RT TO 4+34 RT				147			68
TOTALS	42	396	89	147	1049	972	754

BENCHMARKS

BENCHMARK	EL	DESCRIPTION	STATION	OFFSET	SIDE
RFS 13	419.81	CUT "X" ON NORTH CAP BOLT OF FIRE HYDRANT SOUTHERLY QUAD. 9TH STREET & EXCHANGE.	9TH STREET 5+40	40.7'	LT
RFS 21	419.80	CUT "X" ON NORTHERLY CAP BOLT EAST SIDE OF EXCHANGE 200' SOUTH OF 7TH STREET.	EXCHANGE 13+90	40.9'	LT
BM DAS9	421.63	CHISELLED SQUARE EASTERLY CORNER OF EAST APPROACH PAVEMENT I-64 W.B. OVER I-55/70 E.B.	64W55S 120+61	10.9'	RT
BM DAS10	432.47	CHISELLED SQUARE SE BOLT OF NORTH FOUNDATION SIGN TRUSS OVER I-64 W.B. RAMP TO I-55/70 W.B., 400' EAST OF BRIDGE OVER ST. CLAIR.	64W55S 127+22	16.2'	RT
BM JD4	403.40	CHISELLED SQUARE NORTHERLY FOUNDATION SIGN TRUSS OVER I-55/70 W.B. RAMP TO I-64 E.B.	55S64E 18+35	35.5'	RT
BM 25	429.43	CHISELLED SQUARE IN CONCRETE FOUNDATION OF MANHOLE STRUCTURE BETWEEN I-55/70 W.B. AND THE CSX RAILROAD, JUST NORTHEASTERLY OF ST. CLAIR AVE.	70E55N 60+32	65'	RT
BM 26	423.65	CHISELLED 'X' SOUTHERLY CAP BOLT FIRE HYDRANT AT NORTH QUADRANT 2ND STREET AND ST. CLAIR AVE.	70E55N 51+42	210'	RT
BM 27	419.77	CHISELLED 'X' SOUTHERLY CAP BOLT FIRE HYDRANT AT NORTH QUADRANT 2ND STREET AND BAUGH AVE.	55S70W 86+27	190'	RT



FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - KNW	REVISED -			70	82-2-1HB	ST. CLAIR	236	34	
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -			CONTRACT NO. 76C55					
PLOT DATE = #DATE#		DATE - DECEMBER 18, 2009	REVISED -			ILLINOIS FED. AID PROJECT					
\$DATE\$	\$TIME\$			SCALE: 1"=100'		SHEET NO. 1 OF 5 SHEETS		STA. TO STA.			

CURVE DATA

CURVE CSXACRD-1
PI STA= 9+36.50
Δ= 41° 42' 56.12" (LT)
D= 60° 18' 40.85"
R= 95.00'
T= 36.20'
L= 69.17'
E= 6.66'
PC STA= 9+00.30
PT STA= 9+69.47

CURVE CSXACRD-2
PI STA= 11+00.73
Δ= 19° 27' 44.07" (RT)
D= 60° 18' 40.85"
R= 95.00'
T= 16.29'
L= 32.27'
E= 1.39'
PRC STA= 10+84.44
PT STA= 11+16.71

CURVE BA-3
PI STA= 16+69.07
Δ= 5° 00' 00.00" (LT)
D= 11° 27' 32.96"
R= 500.00'
T= 21.83'
L= 43.63'
E= 0.48'
PC STA= 16+47.24
PT STA= 16+90.87

CURVE BA-4
PI STA= 17+96.97
Δ= 59° 27' 40" (RT)
D= 60° 18' 41"
R= 95.00'
T= 54.25'
L= 98.59'
E= 14.40'
PC STA= 17+42.71
PT STA= 18+41.30

CURVE 55S70W-1
PI STA= 54+34.08
Δ= 25° 36' 07.27" (RT)
D= 3° 52' 54.58"
R= 1476.00'
T= 335.37'
L= 659.54'
E= 37.62'
PC STA= 50+98.71
PCC STA= 57+58.25

CURVE 55S70W-2
PI STA= 60+50.80
Δ= 14° 29' 28.84" (RT)
D= 2° 29' 24.14"
R= 2301.00'
T= 292.55'
L= 581.97'
E= 18.52'
PCC STA= 57+58.25
PCC STA= 63+40.22

CURVE 55S70W-3
PI STA= 67+79.76
Δ= 36° 19' 13.31" (RT)
D= 4° 16' 32.90"
R= 1340.00'
T= 439.54'
L= 849.44'
E= 70.25'
PCC STA= 63+40.22
PT STA= 71+89.66

CURVE I-55-1
PI STA= 79+77.23
Δ= 11° 19' 25.89" (LT)
D= 3° 10' 59.16"
R= 1800.00'
T= 178.46'
L= 355.75'
E= 8.82'
PC STA= 77+98.77
PCC STA= 81+54.52

CURVE I-55-2
PI STA= 84+69.85
Δ= 18° 50' 46.04" (LT)
D= 3° 00' 56.04"
R= 1900.00'
T= 315.33'
L= 624.96'
E= 25.99'
PCC STA= 81+54.52
PCC STA= 87+79.48

CURVE I-55-3
PI STA= 89+19.86
Δ= 7° 38' 56.09" (LT)
D= 2° 43' 42.13"
R= 2100.00'
T= 140.38'
L= 280.35'
E= 4.69'
PCC STA= 87+79.48
PCC STA= 90+59.83

CURVE 55S70W-4
PI STA= 81+39.12
Δ= 26° 52' 21.21" (RT)
D= 2° 00' 32.29"
R= 2852.00'
T= 681.35'
L= 1337.63'
E= 80.26'
PC STA= 74+57.77
PT STA= 87+95.40

CURVE RAMPO-1
PI STA= 12+06.12
Δ= 10° 27' 50.50" (RT)
D= 2° 37' 36.60"
R= 2181.17'
T= 199.73'
L= 398.35'
E= 9.13'
S.E.= 1.5%
S.E. TRANS. LENGTH= N/A
PCC STA= 10+06.39
PT STA= 14+04.74

CURVE RAMPO-2
(COMPOUND CURVE W/ RAMPO-1)
PI STA= 16+69.30
Δ= 74° 10' 11.64" (RT)
D= 16° 22' 12.80"
R= 350.00'
T= 264.56'
L= 453.08'
E= 88.74'
S.E.= 8.0%
S.E. TRANS. LENGTH= 168.00'
PCC STA= 14+04.74
PT STA= 18+57.82

CURVE RAMPO-3
PI STA= 22+11.53
Δ= 61° 19' 55.45" (LT)
D= 29° 59' 52.05"
R= 191.00'
T= 113.25'
L= 204.46'
E= 31.05'
S.E.= 6.0%
S.E. TRANS. LENGTH= 116.76'
PC STA= 20+98.28
PT STA= 23+02.74

CURVE RAMPO-4
PI STA= 22+83.24
ATTAIN S.E.= SEE CURVE RAMPO-2
REMOVE S.E.= STA. 22+83.24
TO STA. 24+00.00

CURVE RAMPO-5
PI STA= 24+00.00
ATTAIN S.E.= SEE CURVE RAMPO-4
REMOVE S.E.= STA. 24+00.00
TO STA. 24+00.00

CURVE RAMPO-6
PI STA= 24+00.00
ATTAIN S.E.= SEE CURVE RAMPO-5
REMOVE S.E.= STA. 24+00.00
TO STA. 24+00.00

CURVE RAMPO-7
PI STA= 24+00.00
ATTAIN S.E.= SEE CURVE RAMPO-6
REMOVE S.E.= STA. 24+00.00
TO STA. 24+00.00

CURVE RAMPO-8
PI STA= 24+00.00
ATTAIN S.E.= SEE CURVE RAMPO-7
REMOVE S.E.= STA. 24+00.00
TO STA. 24+00.00

COORDINATE TABLES

BOWMAN YARD ACCESS ROAD

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT, PC, PI, PT for curves BA-1, BA-2, BA-3, BA-4.

I-55 N

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT, PC, PI, PCC, PT for various I-55 curves.

I-55S/I-70W

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT, PC, PI, PCC, PT for I-55S/I-70W curves.

COORDINATE TABLES

EXCHANGE AVENUE

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT for Exchange Avenue.

9TH STREET

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT for 9th Street.

7TH STREET

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT for 7th Street.

RAMP "O"

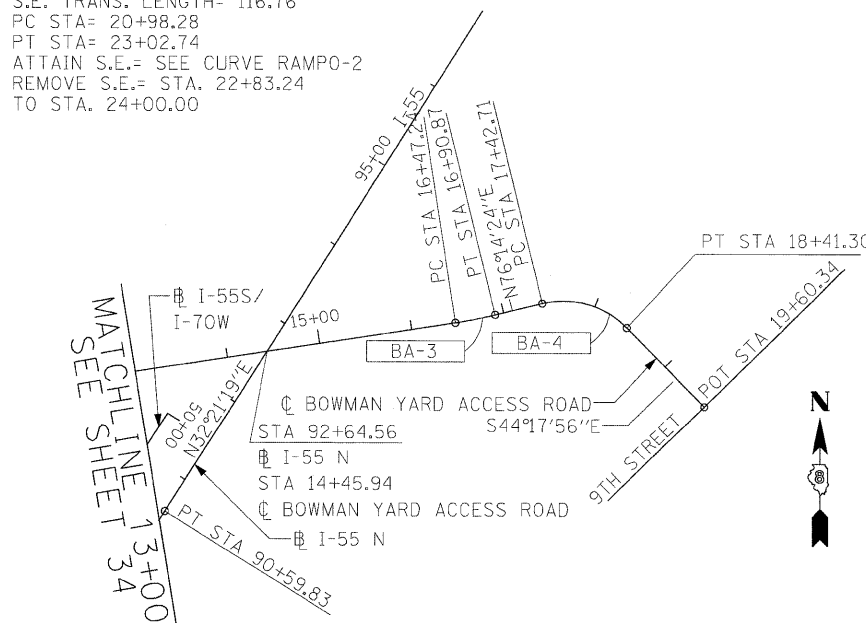
Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POC, PI, PCC, PT for Ramp O.

CSX ACCESS ROAD

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT, PC, PI, PT for CSX Access Road.

CSX ACCESS ROAD SPUR

Table with 5 columns: POINT, DESCRIPTION, STATION, NORTHING, EASTING. Rows include POT for CSX Access Road Spur.



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

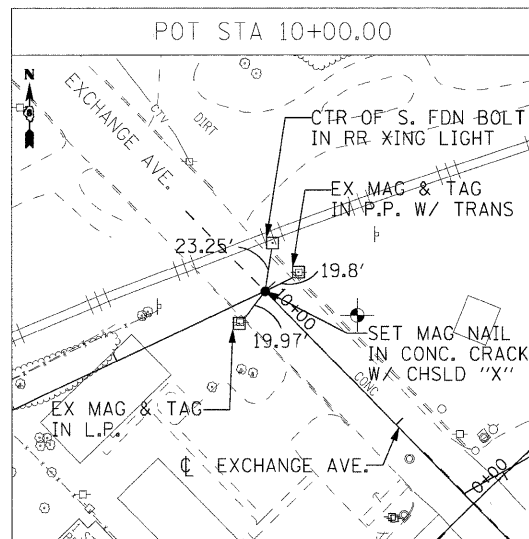
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

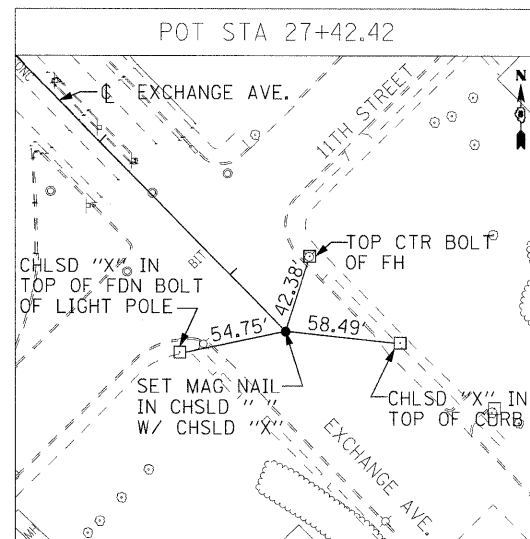
Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 76C55.

Table with columns: FILE NAME, USER NAME, DESIGNED, REVISED, DRAWN, CHECKED, PLOT DATE.

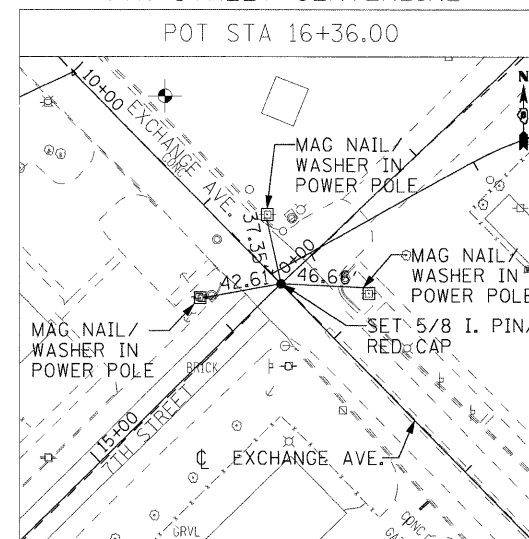
EXCHANGE AVENUE CENTERLINE



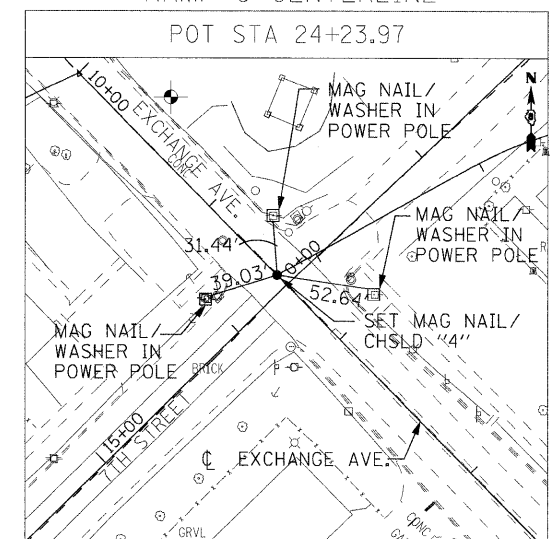
POT STA 27+42.42



7TH STREET CENTERLINE

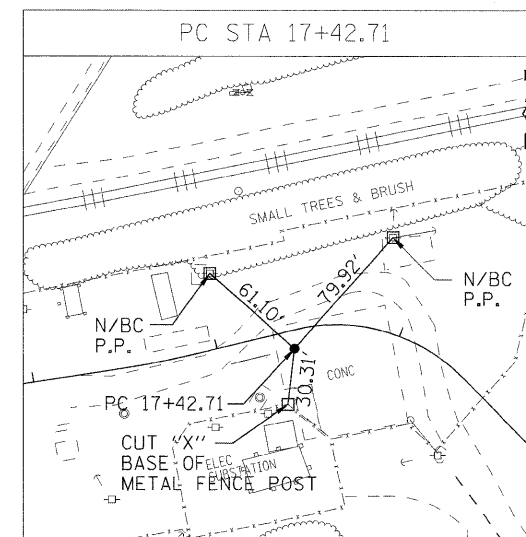
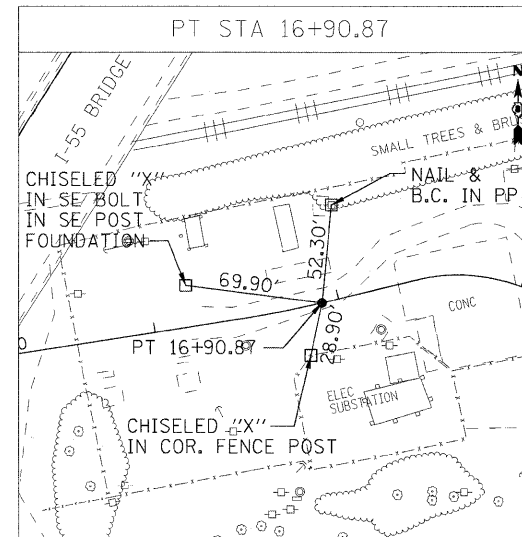
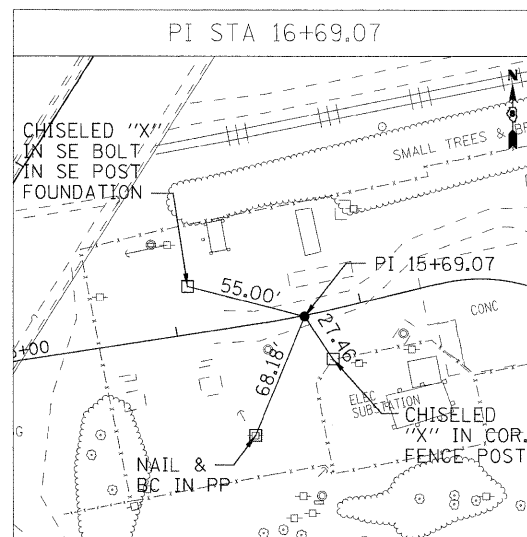
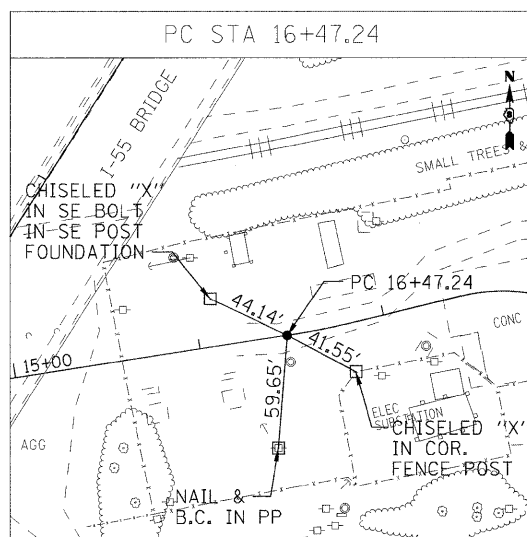
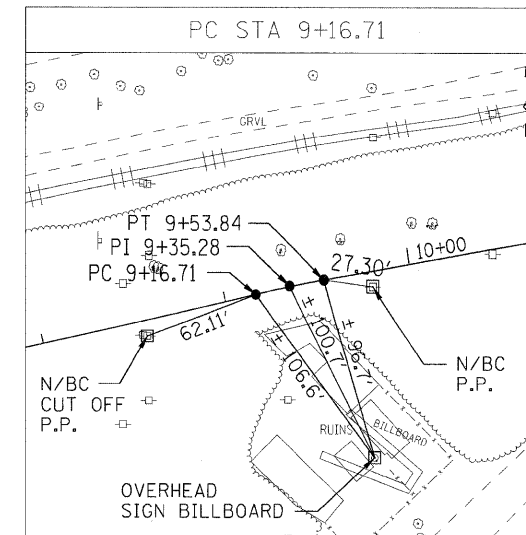
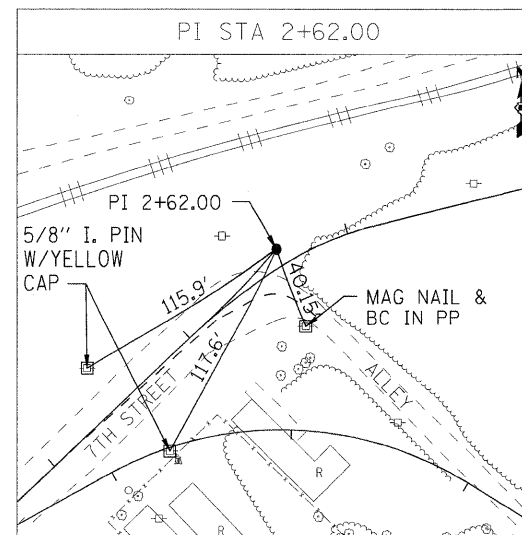
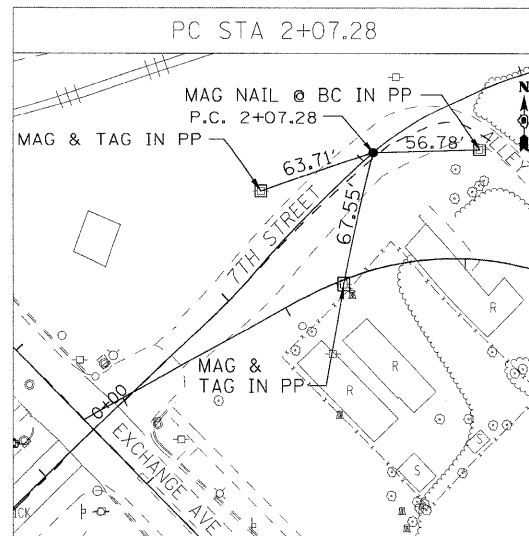


RAMP O CENTERLINE

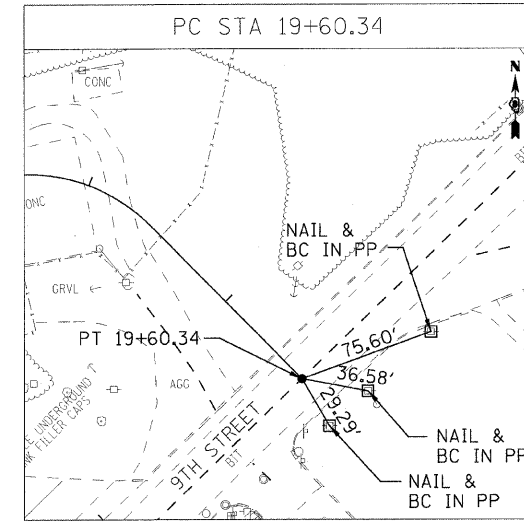
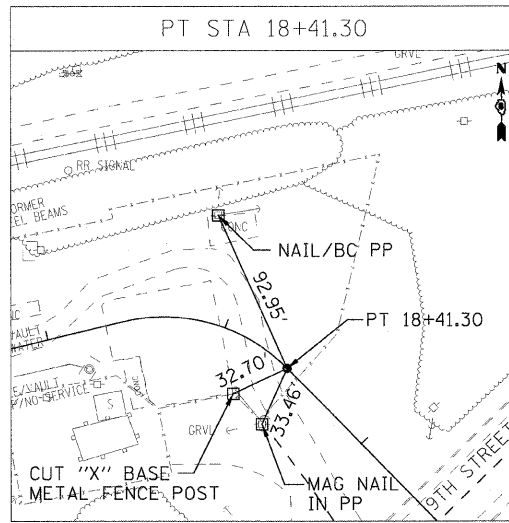
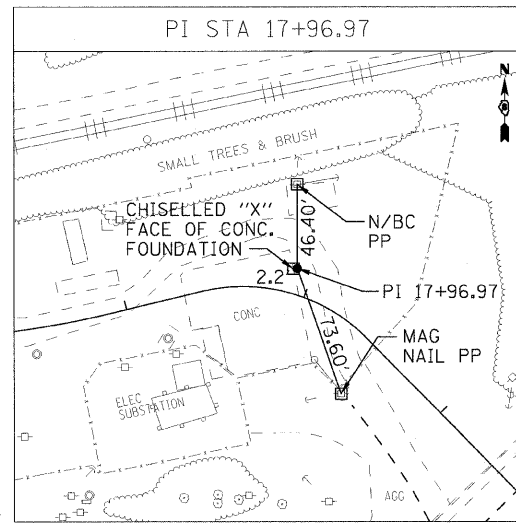


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	#FILE#		DRAWN - AGF	REVISED -				70	82-2-1HB	ST. CLAIR	236	36
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	PLOT DATE = #DATE#		DATE - DECEMBER 18, 2009	REVISED -				ILLINOIS FED. AID PROJECT				
					SCALE: 1"=50'	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.					

BOWMAN YARD ACCESS ROAD CENTERLINE



\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*FILEL		DRAWN - AGF	REVISED -				70	82-2-1HB	ST. CLAIR	236	37
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -	CONTRACT NO. 76C55								
PLOT DATE = #DATE#		DATE - DECEMBER 18, 2009	REVISED -	ILLINOIS FED. AID PROJECT								
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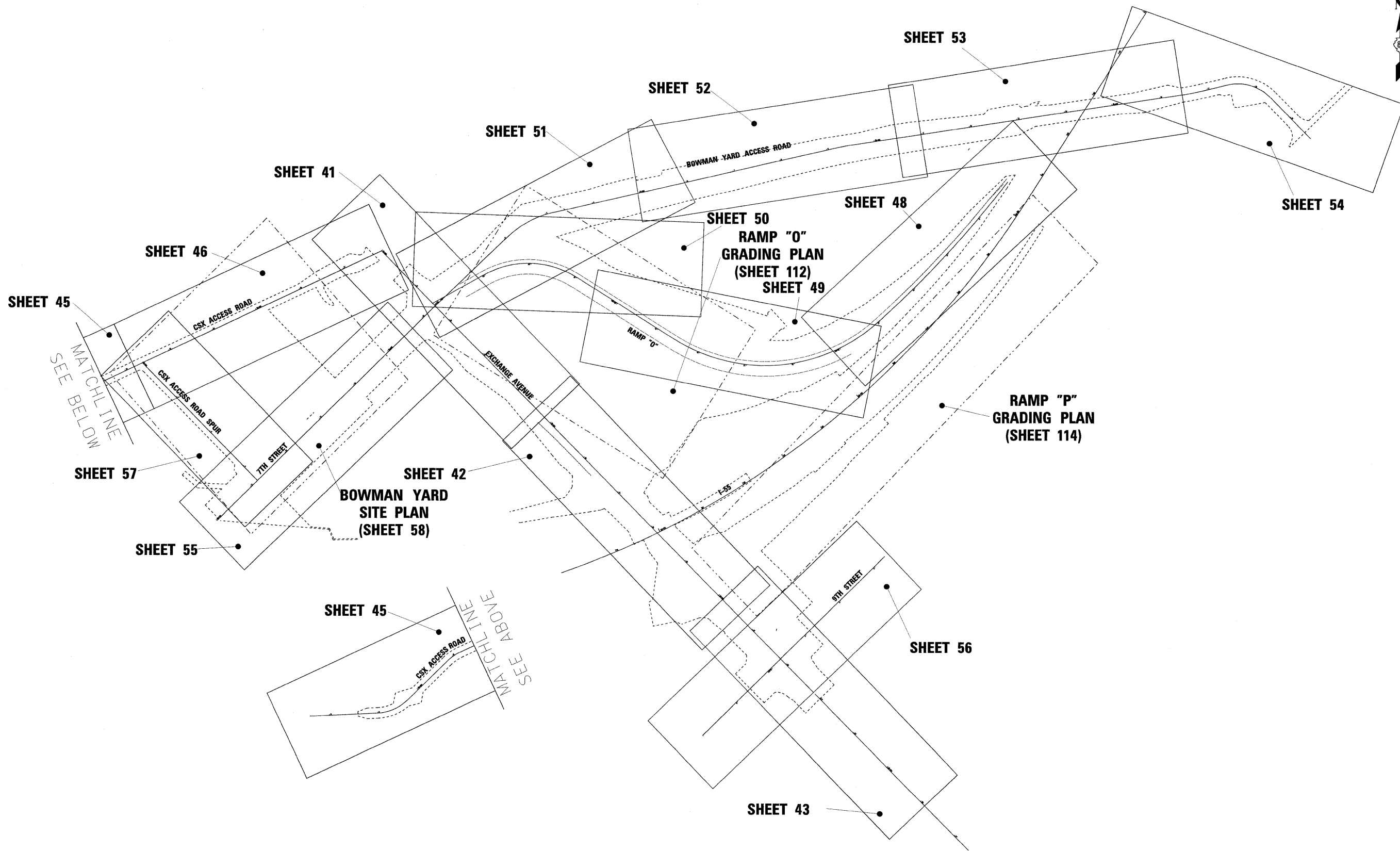
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#TIME\$
#FILE\$

FILE NAME =	USER NAME = #USER\$	DESIGNED - RRV	REVISED -
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		CHECKED - DRH	REVISED -
		DATE - OCTOBER 9, 2009	REVISED -

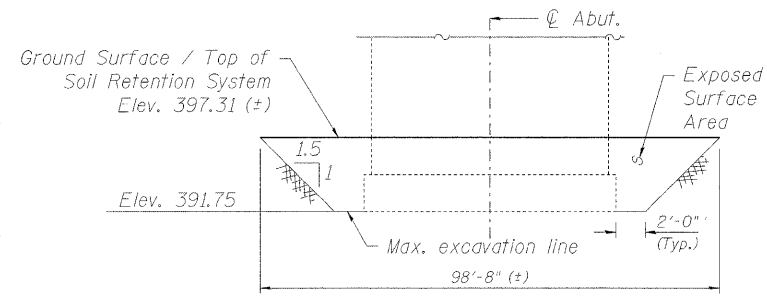
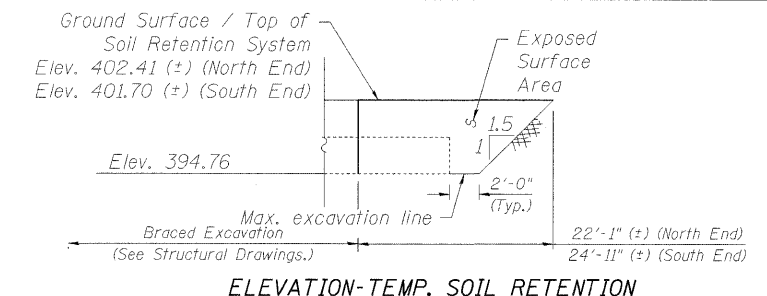
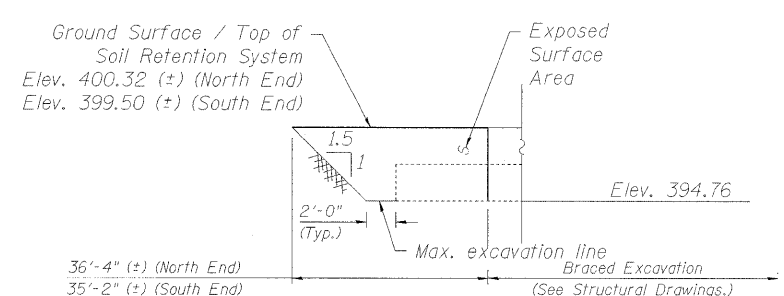
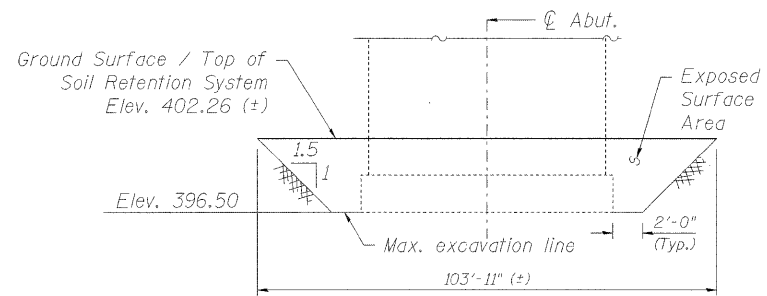
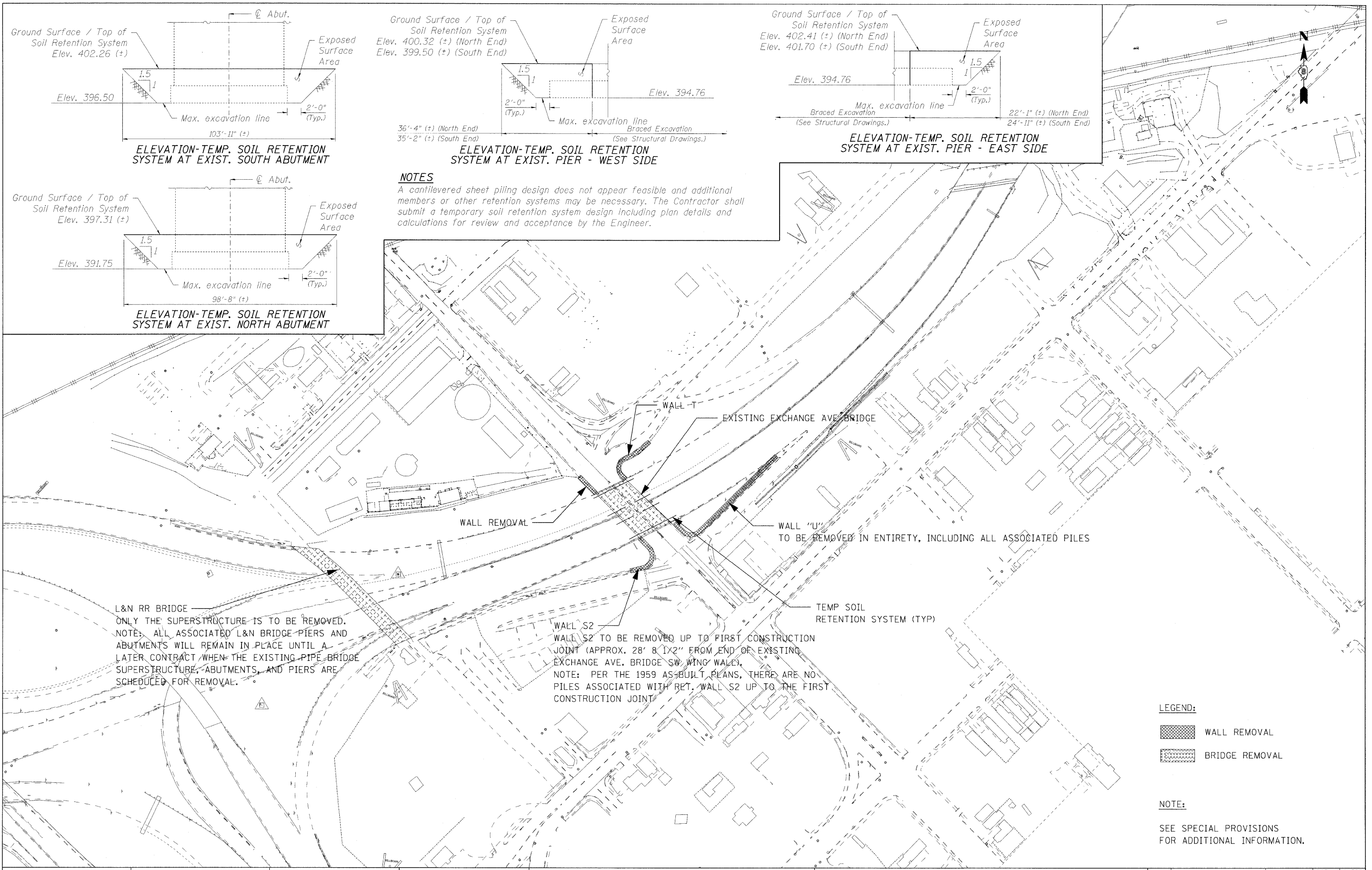
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES, AND BENCHMARKS	
SCALE: 1"=50'	SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C55	



\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY KEY PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -		SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = \$DATE\$		DATE - DECEMBER 18, 2009	REVISED -		CONTRACT NO. 76C55								



NOTES
 A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

L&N RR BRIDGE
 ONLY THE SUPERSTRUCTURE IS TO BE REMOVED. NOTE: ALL ASSOCIATED L&N BRIDGE PIERS AND ABUTMENTS WILL REMAIN IN PLACE UNTIL A LATER CONTRACT WHEN THE EXISTING PIPE BRIDGE SUPERSTRUCTURE, ABUTMENTS, AND PIERS ARE SCHEDULED FOR REMOVAL.

WALL S2
 WALL S2 TO BE REMOVED UP TO FIRST CONSTRUCTION JOINT (APPROX. 28' 8 1/2" FROM END OF EXISTING EXCHANGE AVE. BRIDGE SW WING WALL). NOTE: PER THE 1959 AS-BUILT PLANS, THERE ARE NO PILES ASSOCIATED WITH RET. WALL S2 UP TO THE FIRST CONSTRUCTION JOINT.

WALL "U"
 TO BE REMOVED IN ENTIRETY, INCLUDING ALL ASSOCIATED PILES

LEGEND:
 WALL REMOVAL
 BRIDGE REMOVAL

NOTE:
 SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE REMOVAL PLAN

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

DESIGNED - RRV	REVISED -
DRAWN - JMC	REVISED -
CHECKED - DRH	REVISED -
DATE - DECEMBER 18, 2009	REVISED -

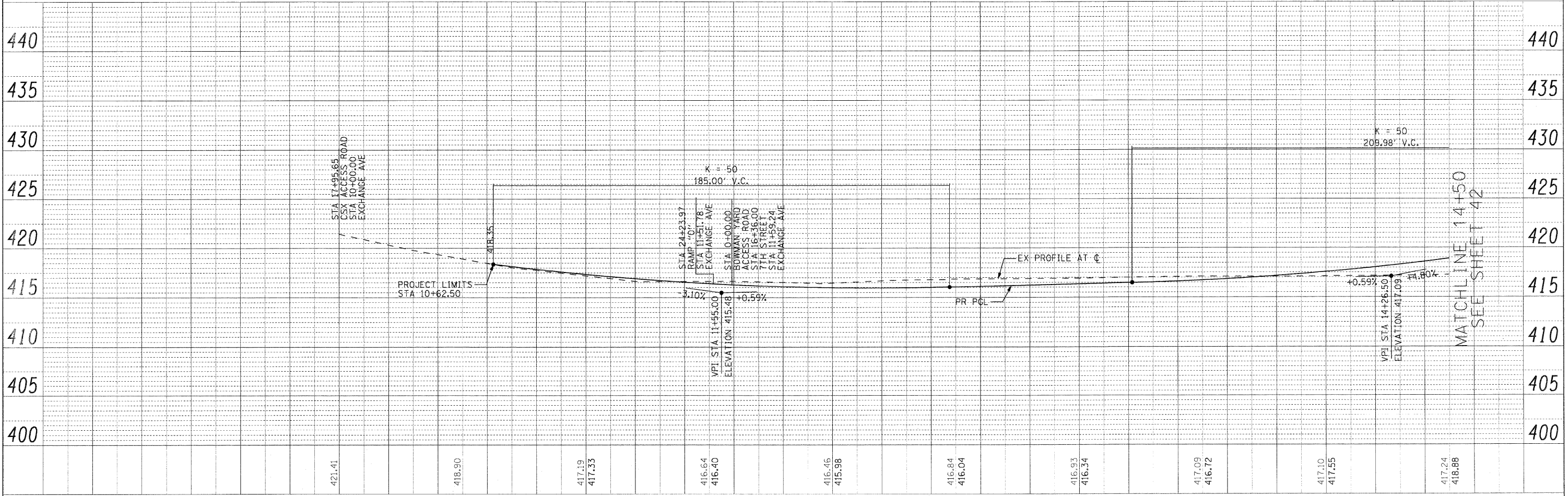
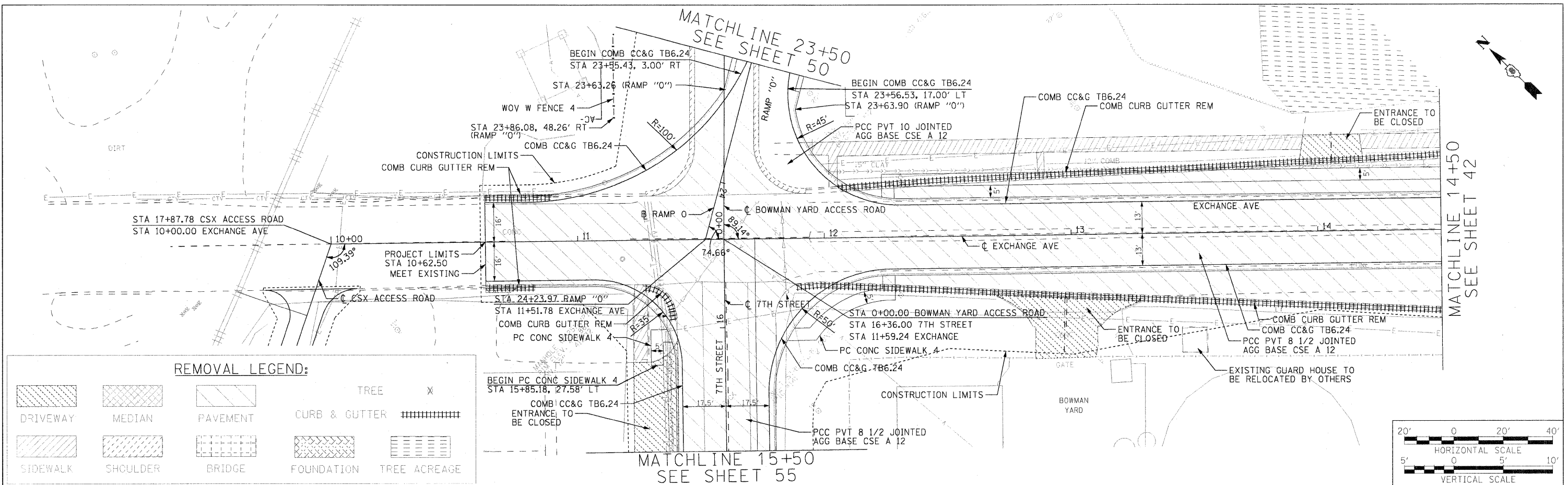
SCALE: 1"=100'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 40
CONTRACT NO. 76C55				

\$DATES \$TIMES \$FILE\$

DATE: _____
 BY: _____
 PROJECT NO.: _____
 PLAN NO.: _____
 SHEET NO.: _____

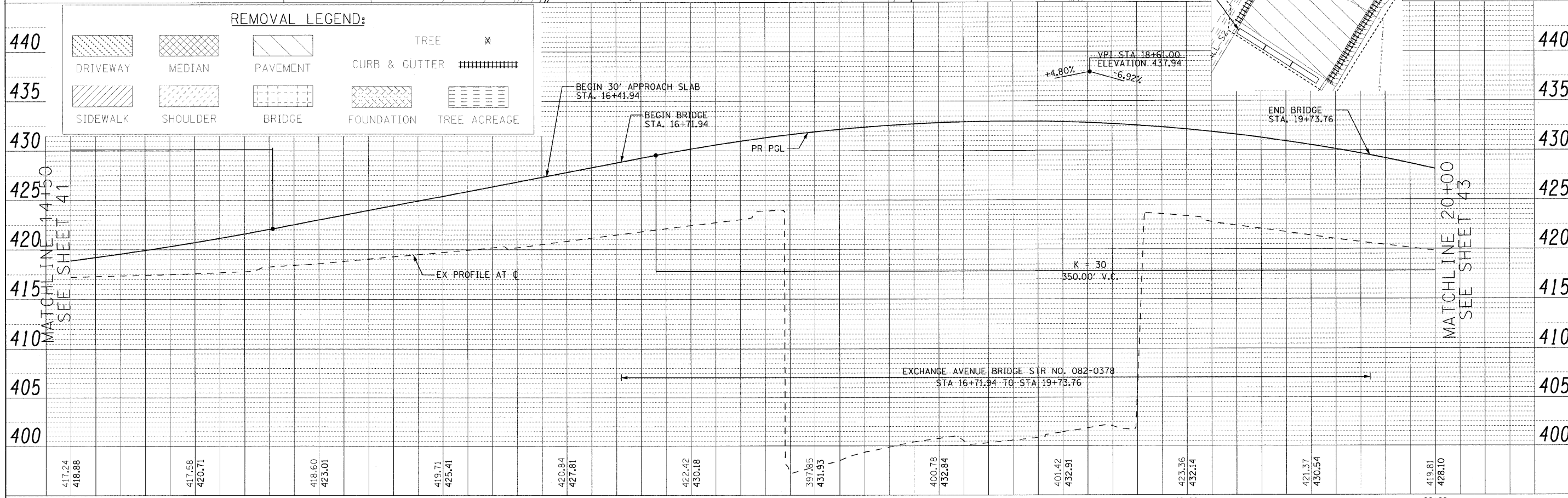
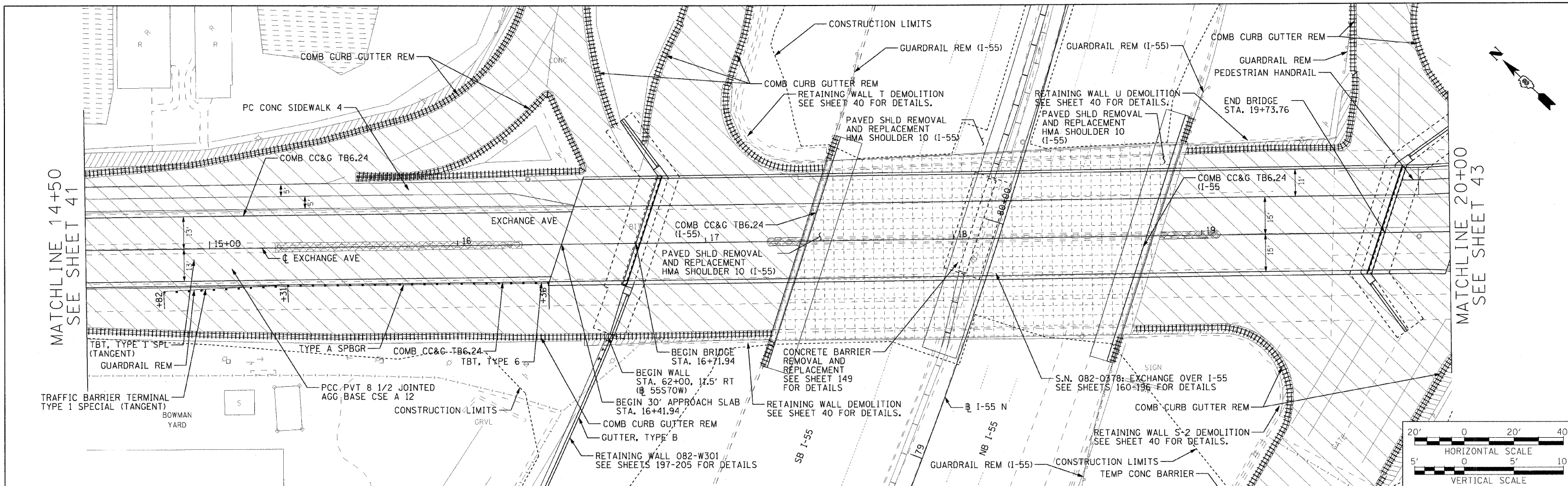
DATE: _____
 BY: _____
 PROJECT NO.: _____
 PROFILE NO.: _____
 SHEET NO.: _____



FILE NAME: _____	USER NAME: RUSERS	DESIGNED: RRV	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE EXCHANGE AVE.	F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 41	
FILE NO. _____	PLOT SCALE: 1"=20'	CHECKED: DRH	REVISED: _____			SCALE: 1"=20'	SHEET NO. 1 OF 17 SHEETS	STA. 10+00.00 TO STA. 14+50.00	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55
DATE: OCTOBER 9, 2009		DATE: _____	REVISED: _____								

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		
	NO.		
	NO.		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	FILED		
	NO.		
	NO.		
	NO.		



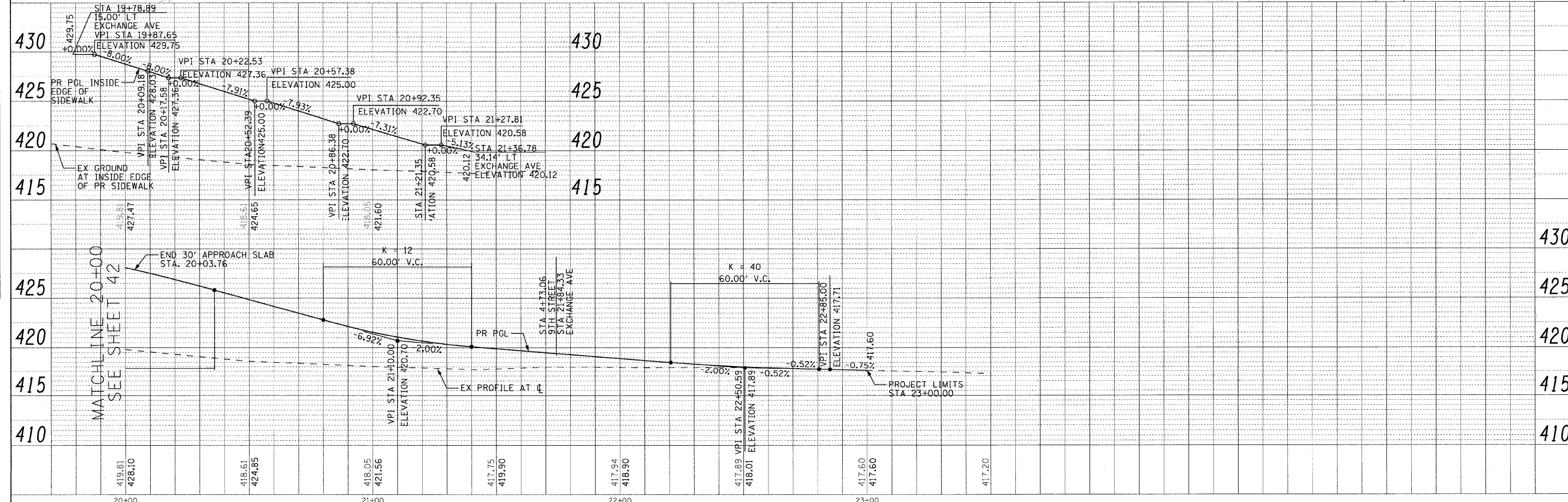
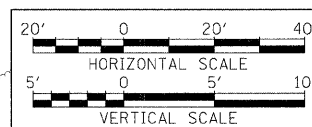
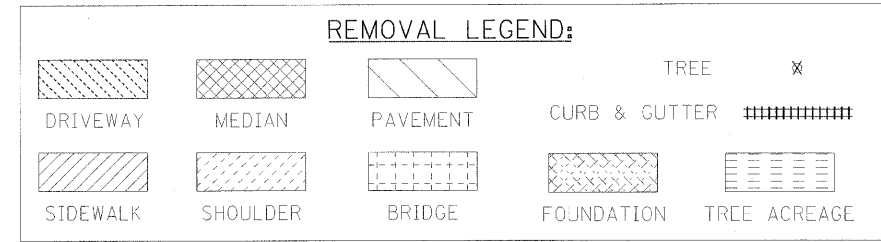
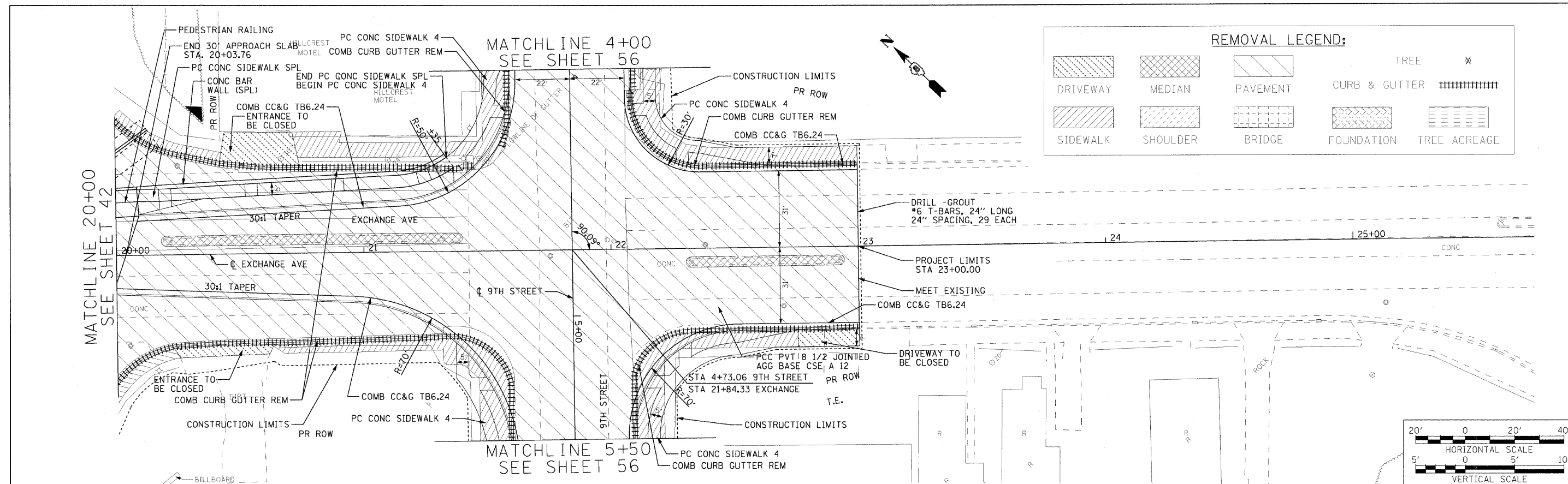
REMOVAL LEGEND:

DRIVEWAY	MEDIAN	PAVEMENT	CURB & GUTTER	TREE
SIDEWALK	SHOULDER	BRIDGE	FOUNDATION	TREE ACREAGE

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE EXCHANGE AVE.	F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 42
#FILE#	PLLOT SCALE = #SCALE#	DRAWN - KNW	REVISED -			SCALE: 1"=20'	SHEET NO. 2 OF 17 SHEETS	STA. 14+50.00 TO STA. 20+00.00	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55
#DATE#	PLLOT DATE = #DATE#	CHECKED - DRH	REVISED -							
#FILE#		DATE - OCTOBER 15, 2009	REVISED -							

PLAN	DESIGNED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	NO.
	CARD FILE NAME	

PROFILE	DESIGNED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHG	

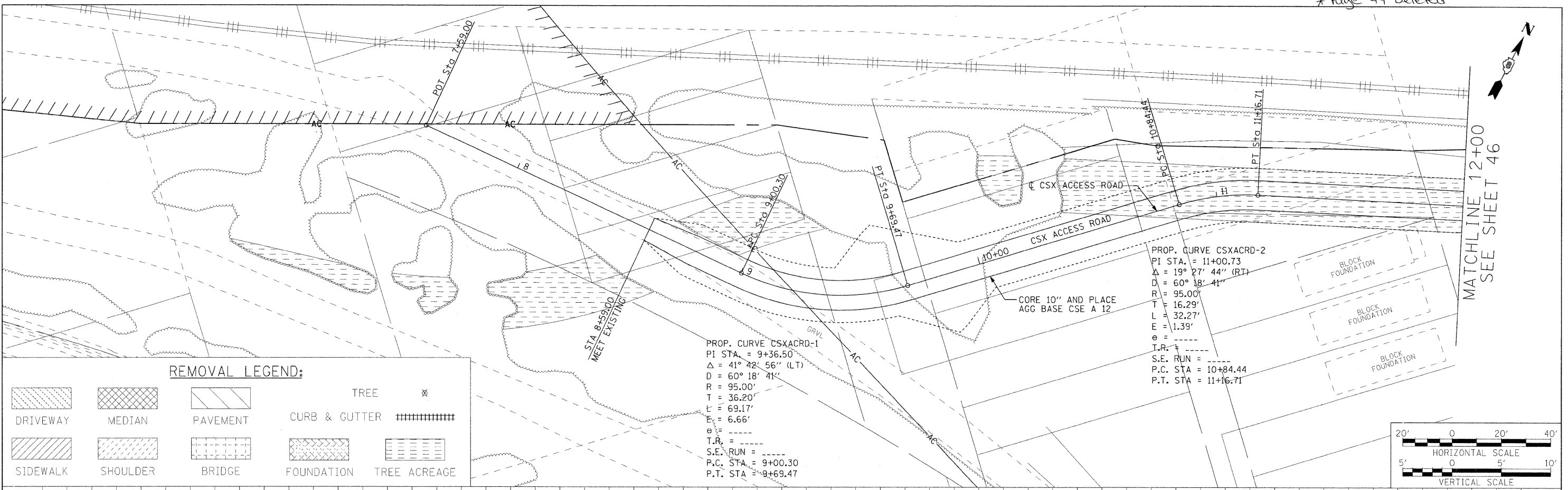


FILE NAME = #FILEL	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE EXCHANGE AVE.	F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 43	
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	PLOT DATE = #DATE#	DATE - OCTOBER 9, 2009	REVISED -								

DATE \$
TIME \$
FILES \$

DATE: _____ BY: _____
 PLAN: _____
 REVISIONS: _____
 NO. _____

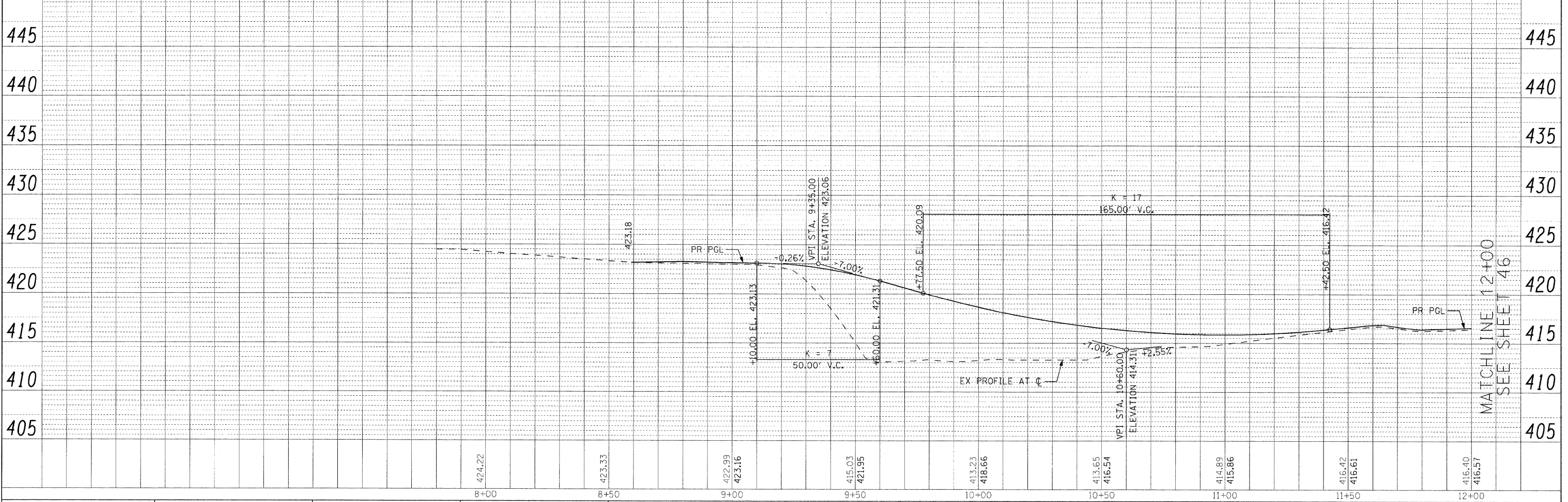
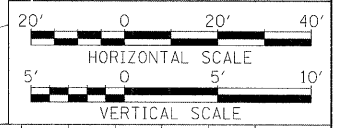
DATE: _____ BY: _____
 PROFILE: _____
 REVISIONS: _____
 NO. _____



REMOVAL LEGEND:

PROP. CURVE CSXACRD-1
 PI STA. = 9+36.50
 Δ = 41° 42' 56" (LT)
 D = 60° 18' 41"
 R = 95.00'
 T = 36.20'
 L = 69.17'
 E = 6.66'
 S.E. RUN = _____
 P.C. STA. = 9+00.30
 P.T. STA. = 9+69.47

PROP. CURVE CSXACRD-2
 PI STA. = 11+00.73
 Δ = 19° 27' 44" (RT)
 D = 60° 18' 41"
 R = 95.00'
 T = 16.29'
 L = 32.27'
 E = 1.39'
 S.E. RUN = _____
 P.C. STA. = 10+84.44
 P.T. STA. = 11+16.71



FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KNW	REVISED -	70	82-2-1HB	ST. CLAIR	236	45
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	PLOT DATE = #DATE#	DATE - DECEMBER 18, 2009	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN CSX ACCESS RD.

SCALE: 1"=20' SHEET NO. 5 OF 17 SHEETS STA. 8+59.00 TO STA. 12+00.00

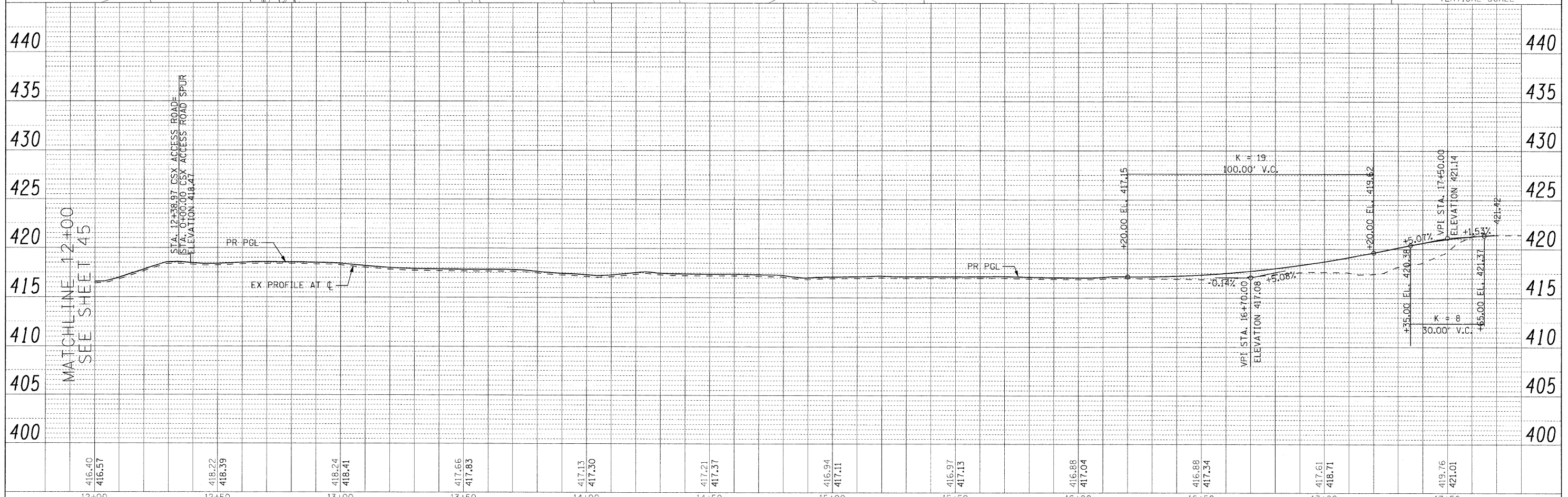
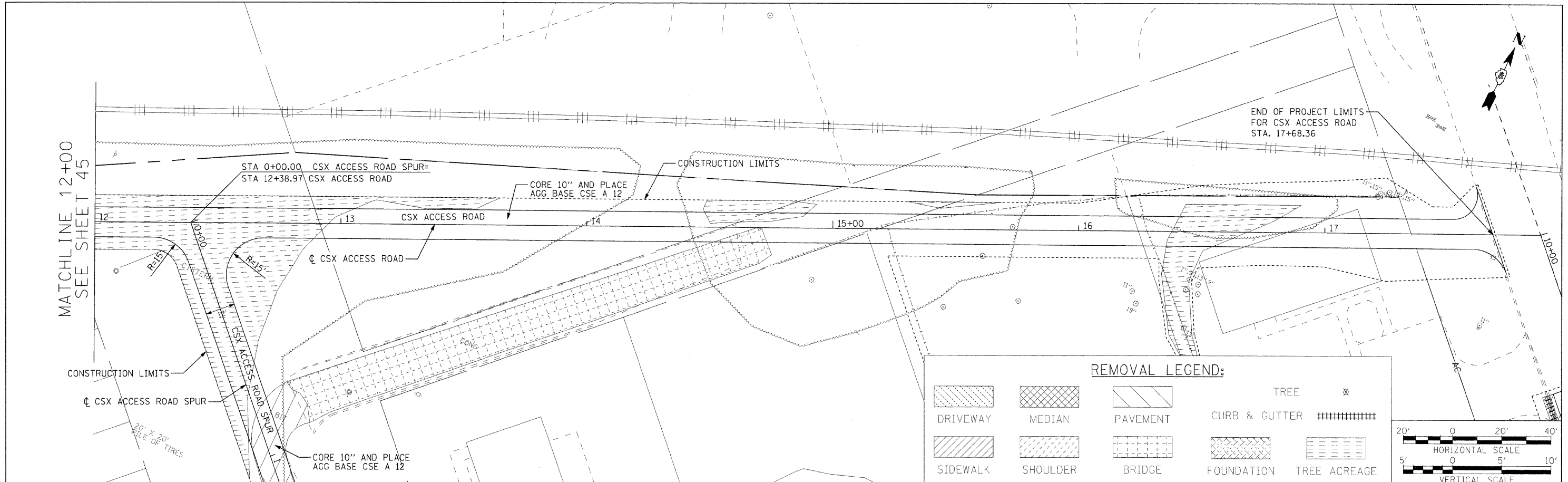
MATCHLINE 12+00
 SEE SHEET 46

MATCHLINE 12+00
 SEE SHEET 46

\$DATE\$
 \$TIME\$
 \$FILE\$

PLAN	REVISION	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
NO.	FILE NAME		

PROFILE	REVISION	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHECKED		



FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -
#FILE#		DRAWN - KNW	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - DRH	REVISED -
	PLOT DATE = #DATE#	DATE - DECEMBER 18, 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN CSX ACCESS RD.

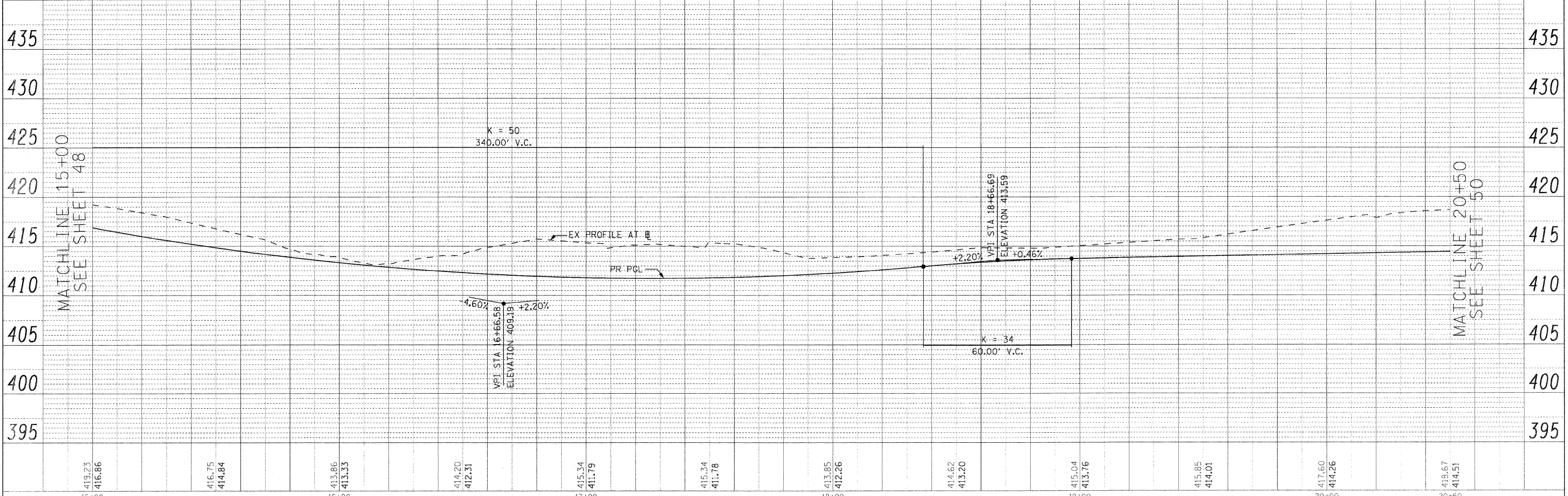
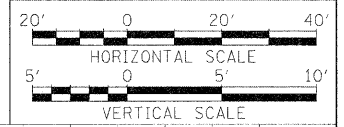
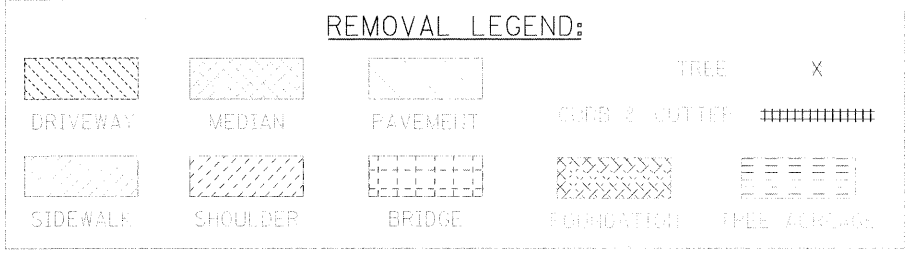
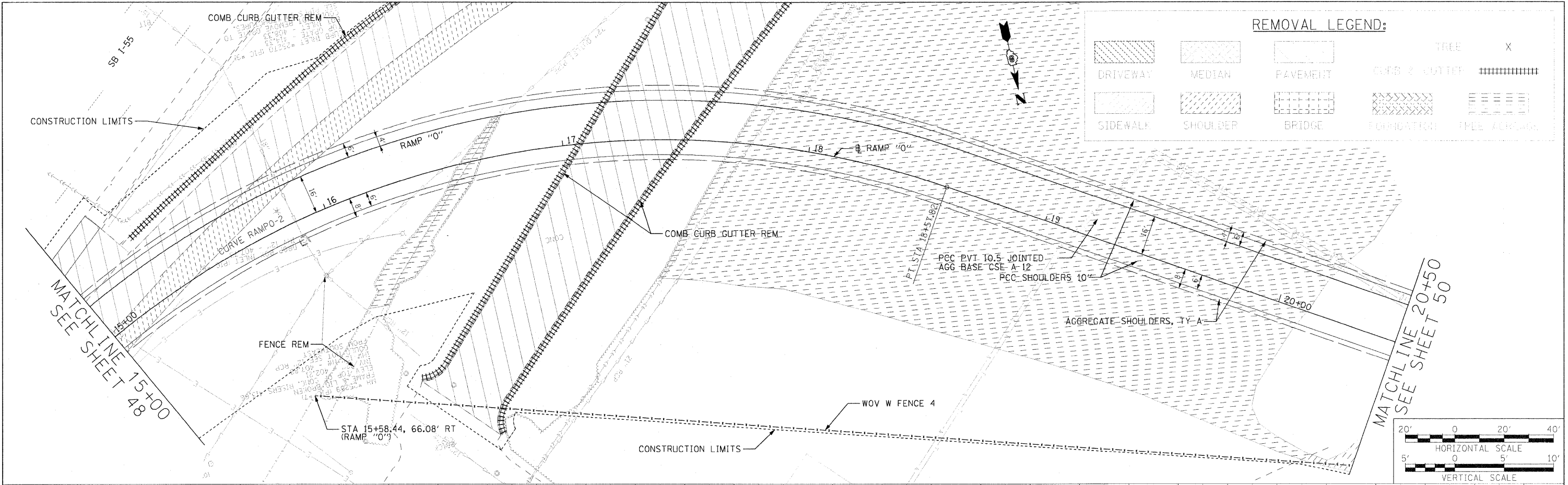
SCALE: 1"=20' SHEET NO. 6 OF 17 SHEETS STA. 12+00.00 TO STA. 17+68.36

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	46
CONTRACT NO. 76C55				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\$FILE\$

DATE	
BY	
PROJECT FILE	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
PROJECT FILE	
DESIGNED	
DRAWN	
CHECKED	
DATE	



419.23	416.86	416.75	414.84	413.86	413.33	414.20	412.31	415.34	411.79	415.34	411.78	413.85	412.26	414.62	413.20	415.04	413.76	415.85	414.01	417.60	414.26	415.67	414.51	
15+00		16+00		17+00		18+00		19+00		20+00		20+50												

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE RAMP 0

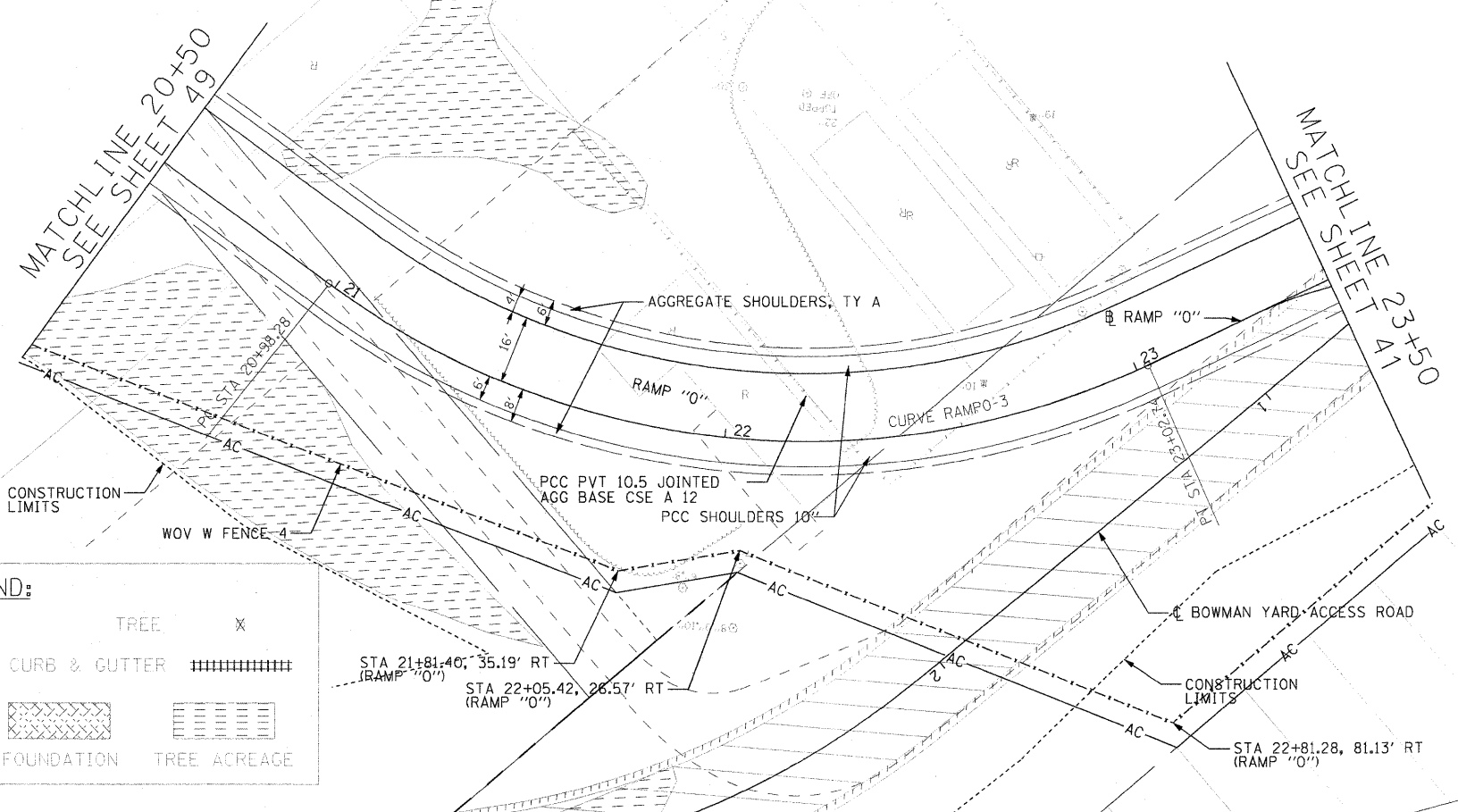
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	49
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C55		

SCALE: 1"=20' SHEET NO. 9 OF 17 SHEETS STA. 15+00.00 TO STA. 20+50.00

FILE#

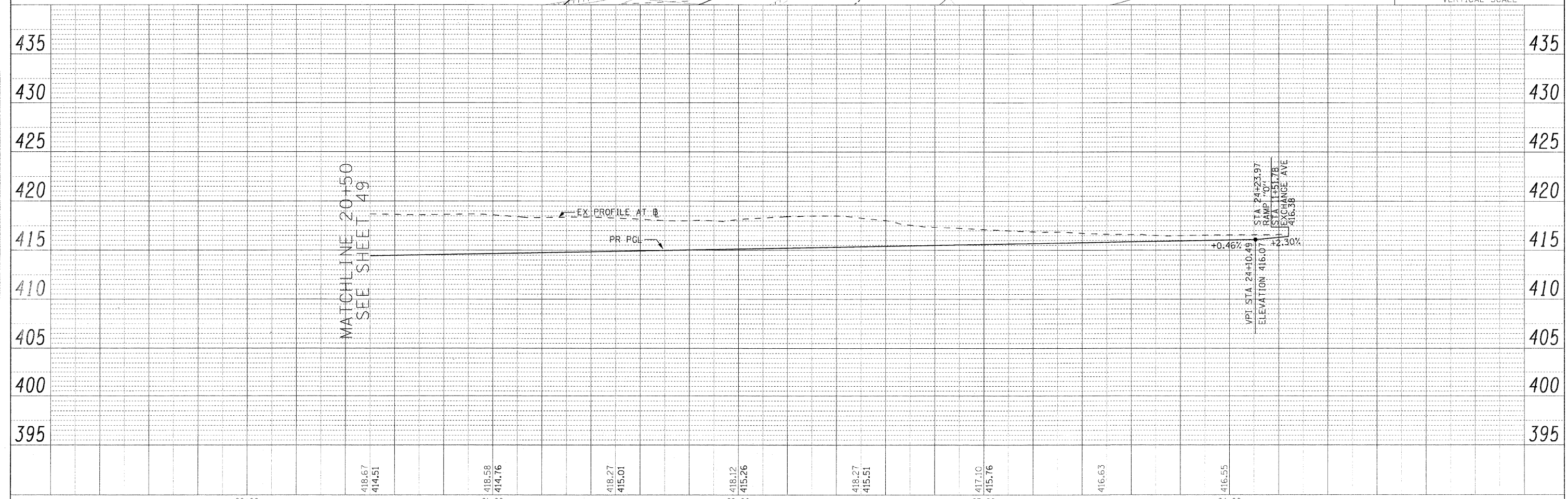
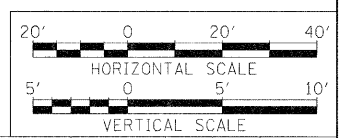
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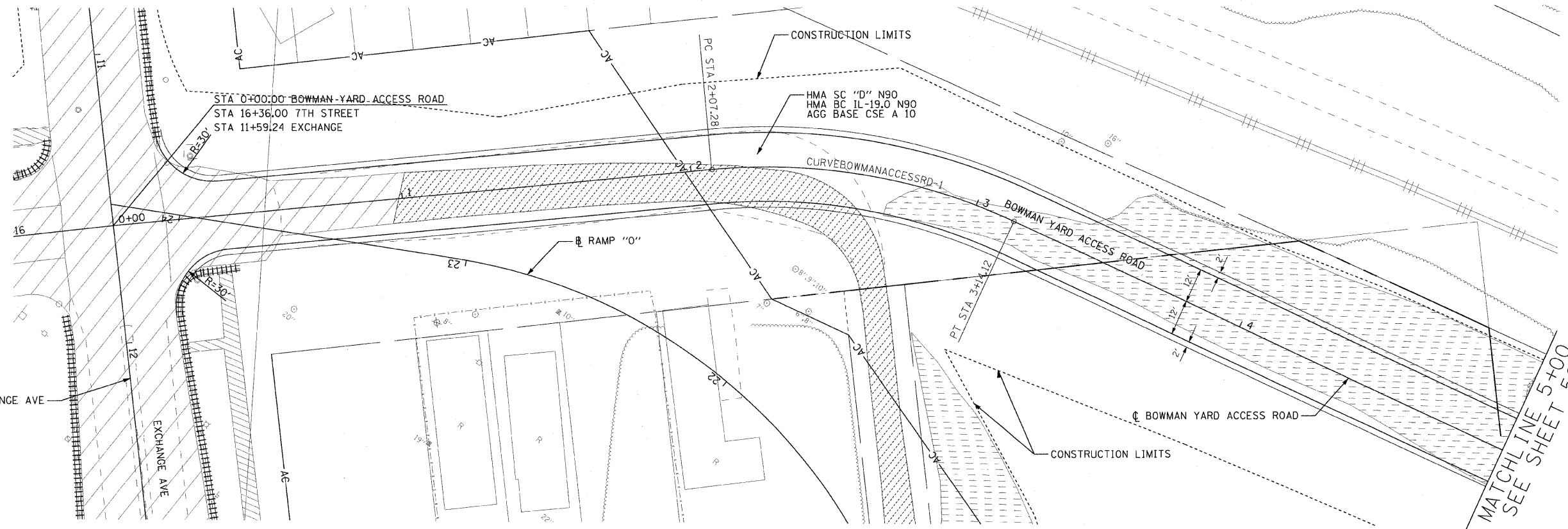
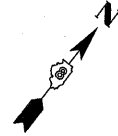


REMOVAL LEGEND:

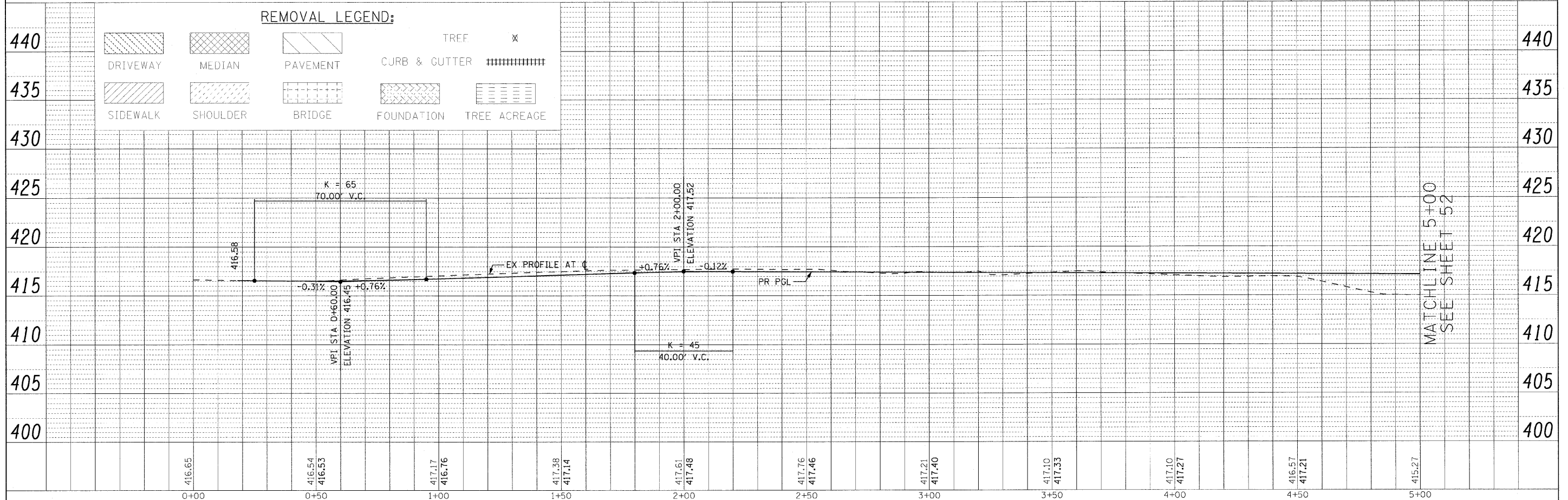
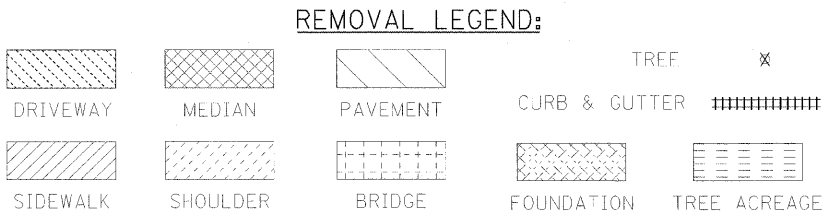
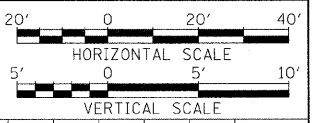
			TREE	X
DRIVEWAY	MEDIAN	PAVEMENT	CURB & GUTTER	
			FOUNDATION	TREE ACREAGE
SIDEWALK	SHOULDER	BRIDGE		



FILE NAME: 82-2-1HB	USER NAME: RUSSELL	DESIGNED: RRV	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE RAMP O			F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 50
DATE: OCTOBER 9, 2009	CHECKED: DRH	DATE: OCTOBER 9, 2009	REVISED:		SCALE: 1"=20'	SHEET NO. 10 OF 17 SHEETS	STA. 20+50.00 TO STA. 23+50.00	CONTRACT NO. 76C55				
FED. ROAD DIST. NO. ILLINOIS' FED. AID PROJECT												
ILLINOIS' FED. AID PROJECT												



MATCHLINE 5+00
SEE SHEET 52



FILE NAME	USER NAME	DESIGNED	REVISIONS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ROADWAY PLAN AND PROFILE BOWMAN YARD ACCESS RD.	#USER#	RRV	-	82-2-1HB	ST. CLAIR	236	51
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		KNW	-				
		DRH	-	CONTRACT NO. 76C55			
		OCTOBER 9, 2009	-	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PLAN

DATE	BY
NO.	
CAD FILE NAME	

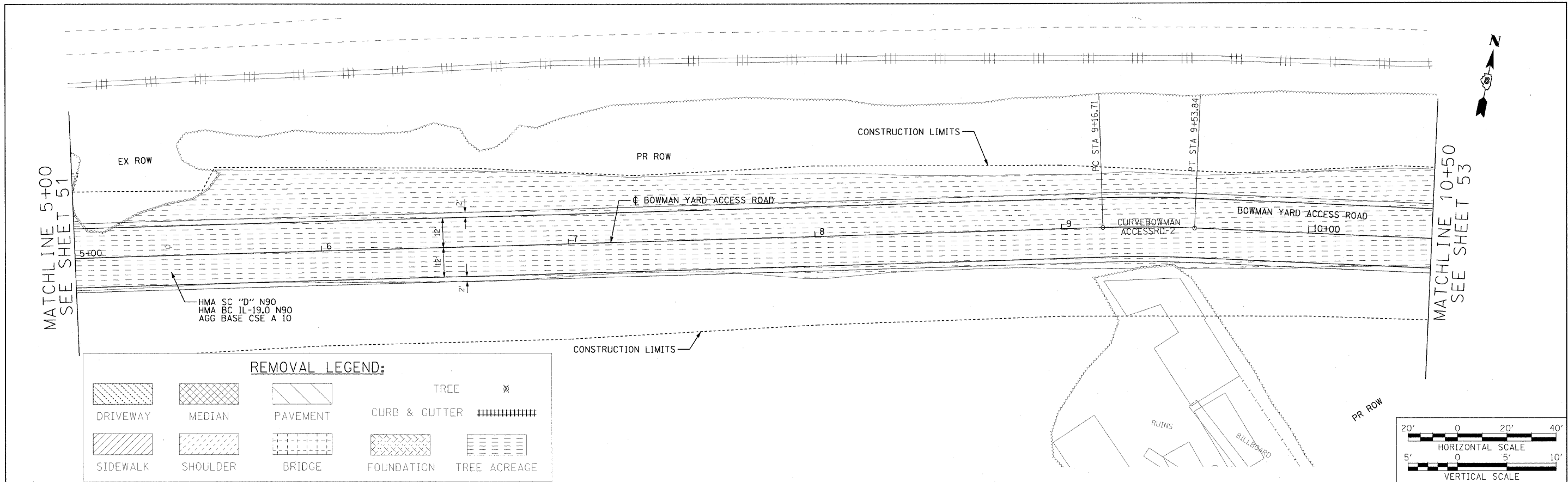
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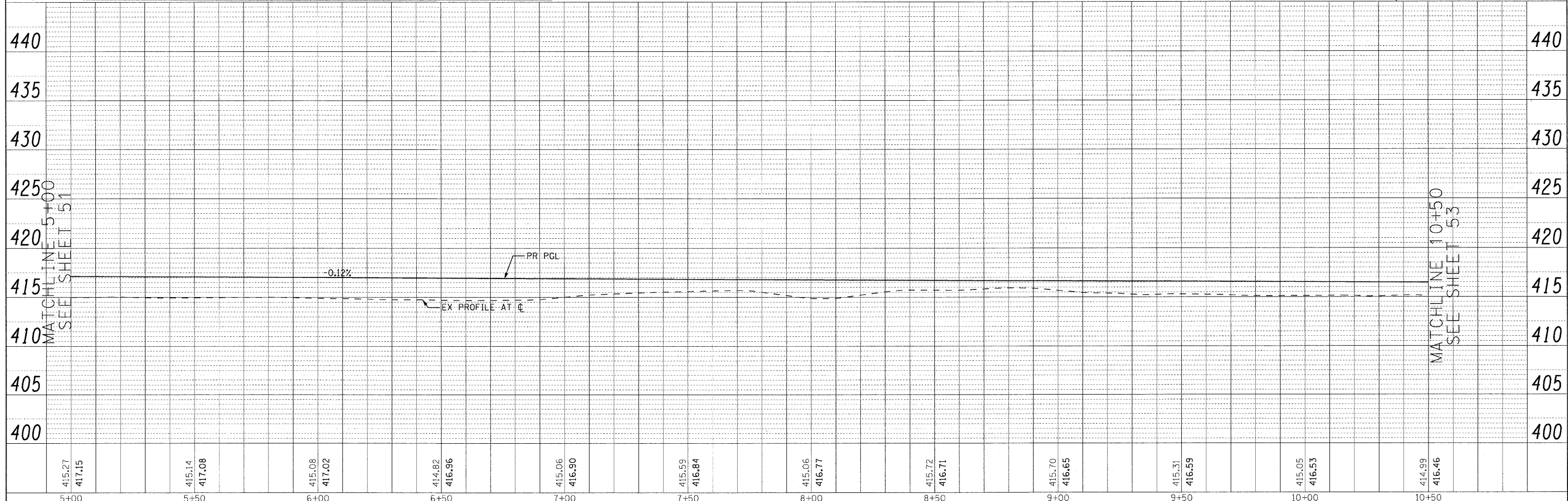
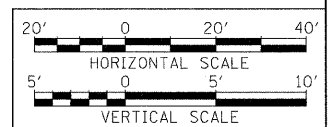
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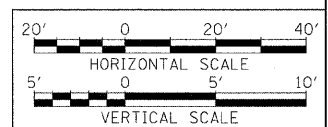
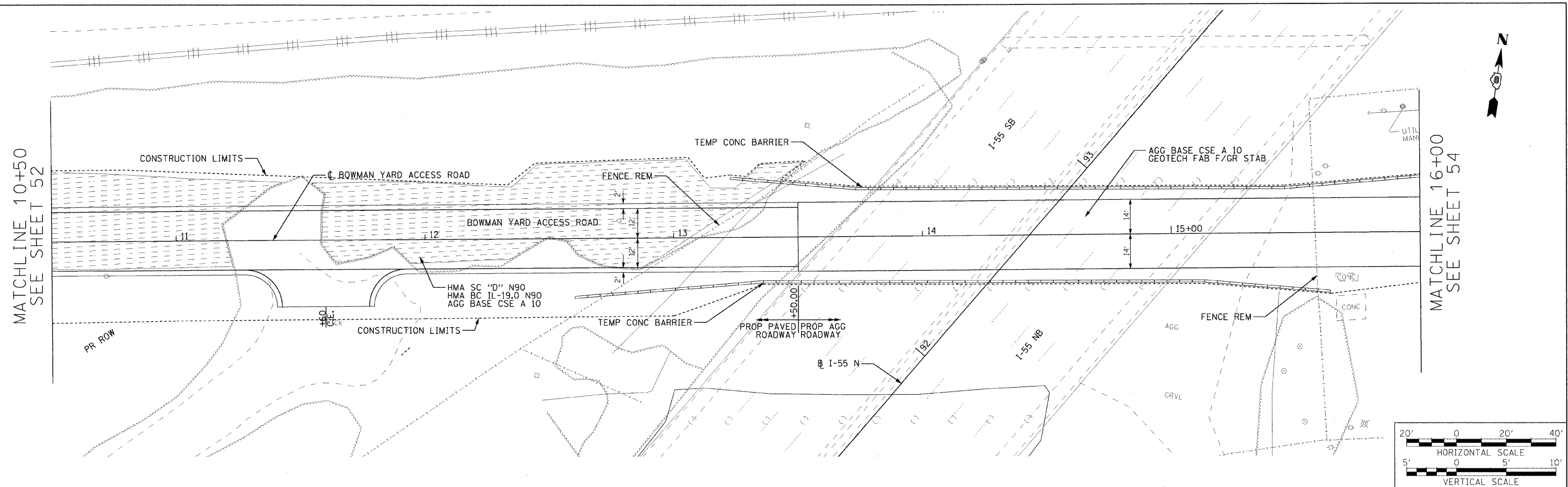
REMOVAL LEGEND:



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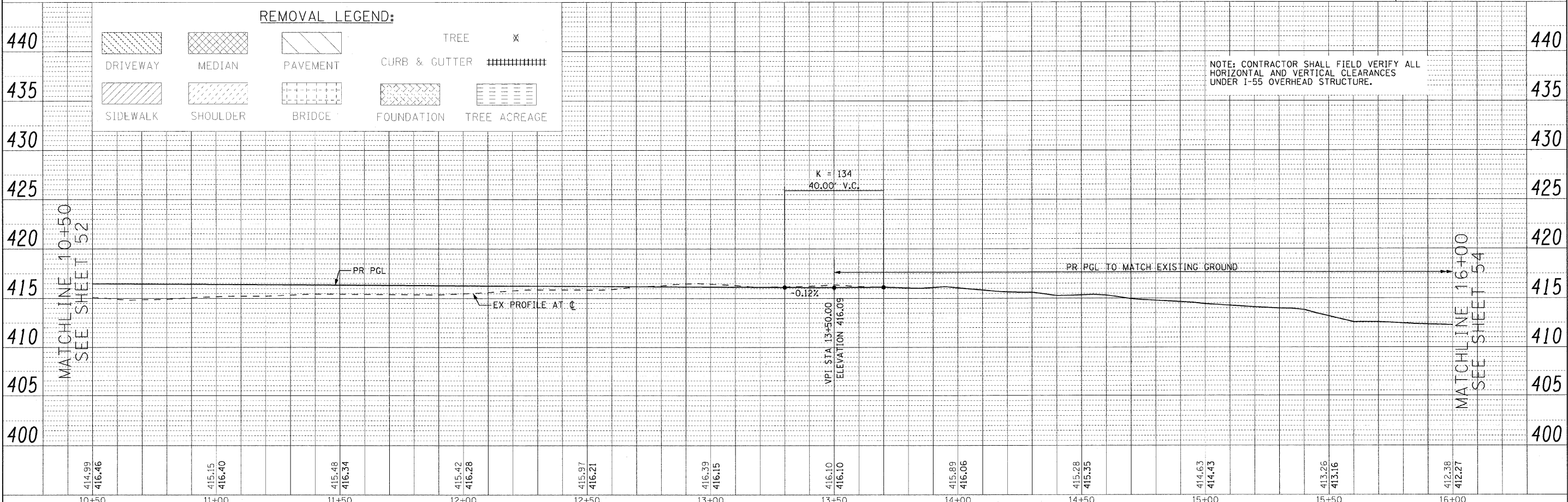
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PROFILE	DESIGNED	DATE
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	GRADES	
	CHECKED	
	NO. BOOK	
	NO.	
	FILE NAME	



REMOVAL LEGEND:

DRIVEWAY	MEDIAN	PAVEMENT	TREE	TREE ACREAGE
SIDEWALK	SHOULDER	BRIDGE	CURB & GUTTER	FOUNDATION



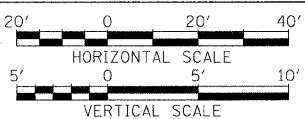
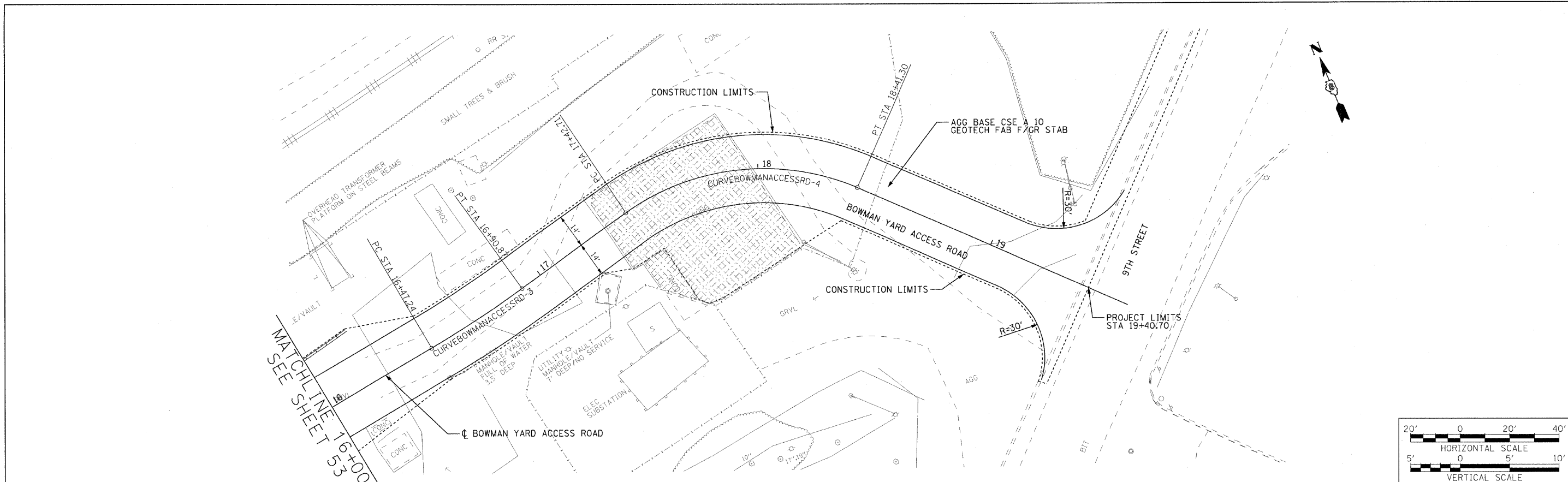
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DATE: 10/9/09
TIME: 10:00 AM

FILES

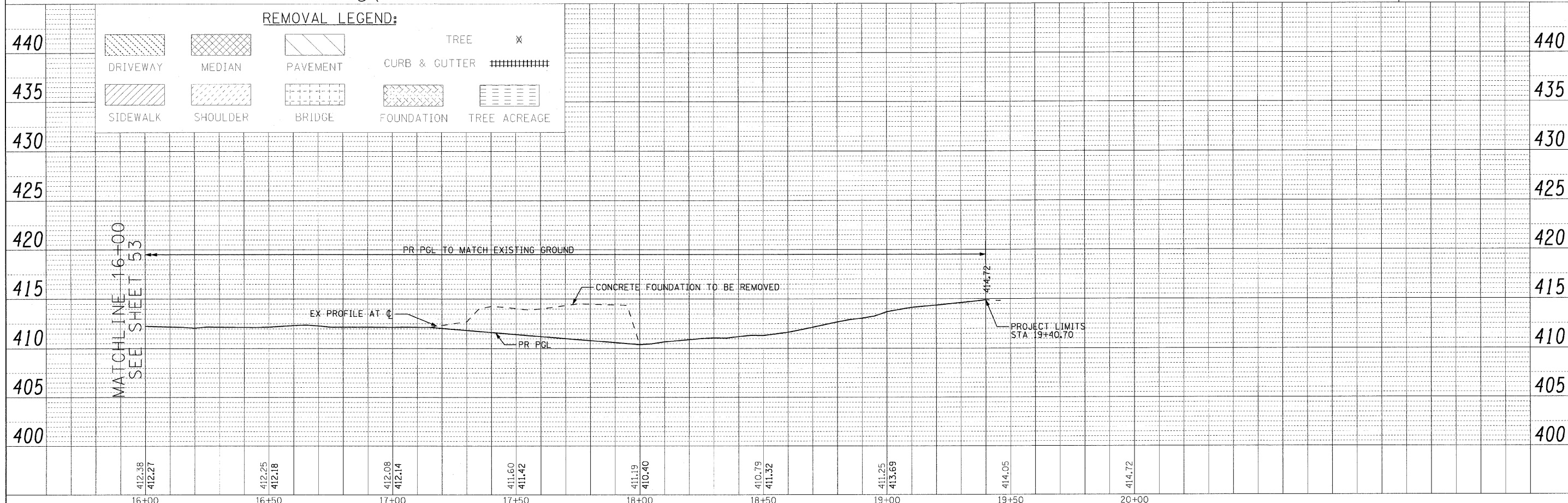
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	PLOTTED		
	ALIGNMENT CHECKED		
	PAVING CHECKED		
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PROFILE	DESIGNED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS		
	NO.		



REMOVAL LEGEND:

DRIVEWAY	MEDIAN	PAVEMENT	CURB & GUTTER	TREE	TREE ACREAGE
SIDEWALK	SHOULDER	BRIDGE	FOUNDATION		

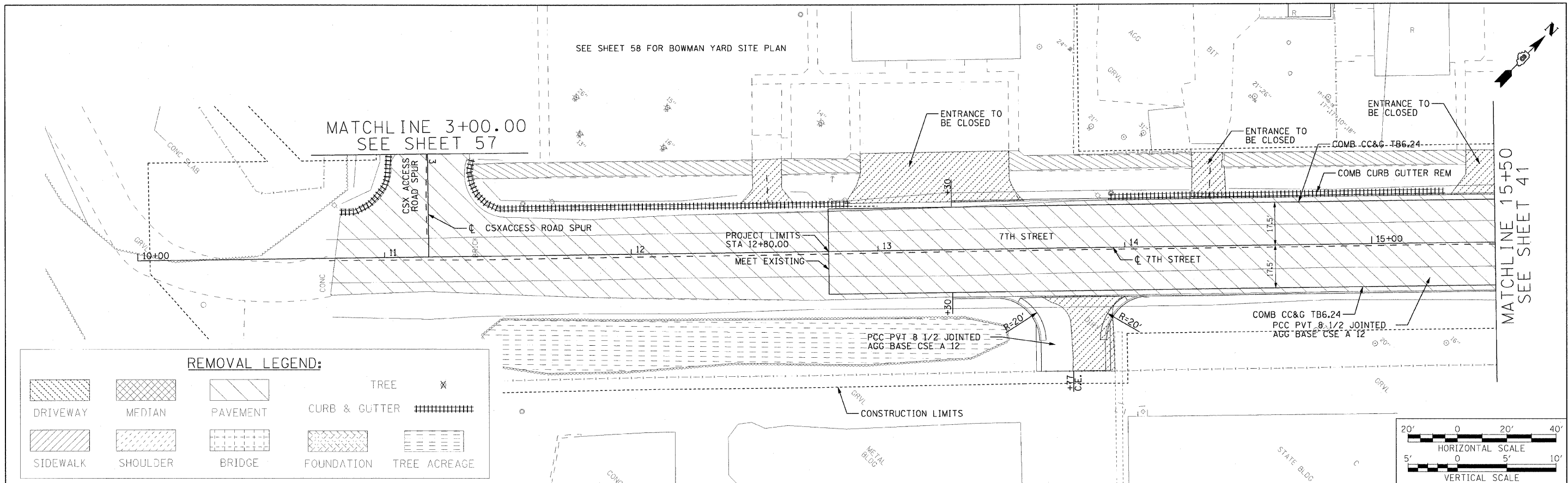


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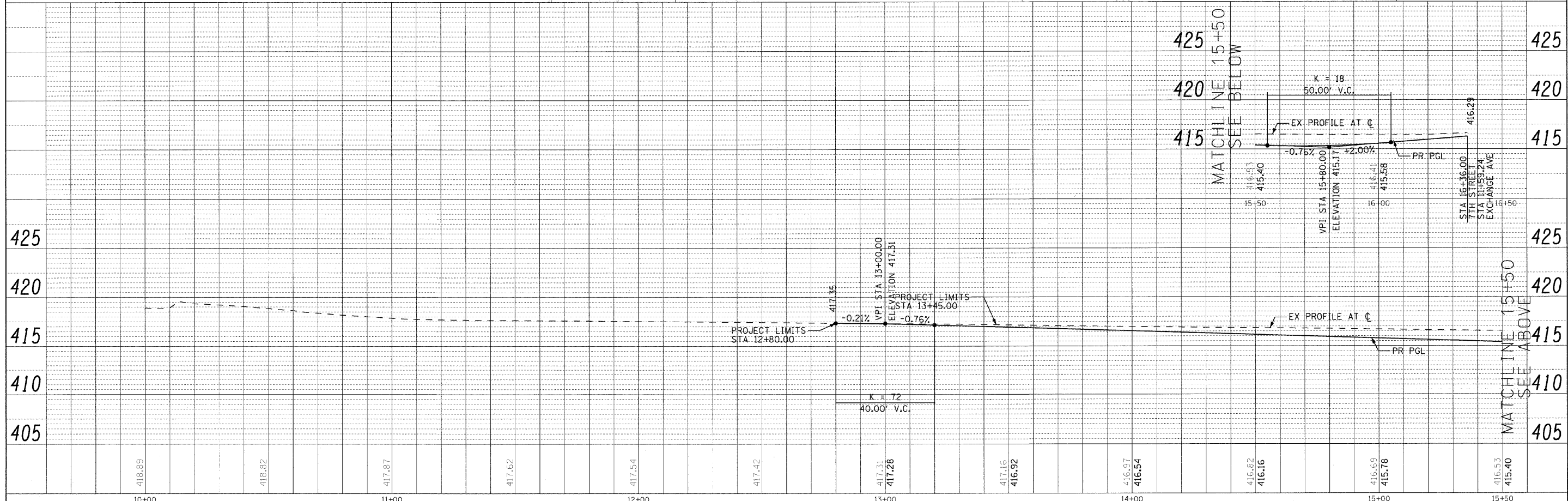
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	FILE NAME		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO. _____		
	STRUCTURE NOTATIONS CHD		



REMOVAL LEGEND:

			TREE	✕
DRIVEWAY	MEDIAN	PAVEMENT	CURB & GUTTER	
			FOUNDATION	TREE ACREAGE
SIDEWALK	SHOULDER	BRIDGE		

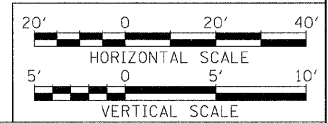
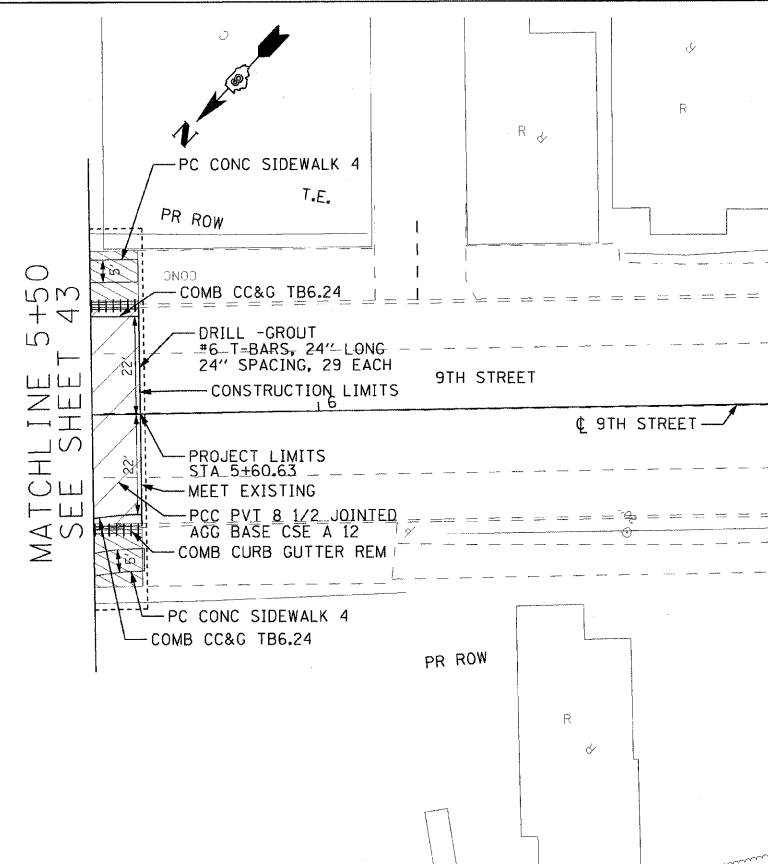
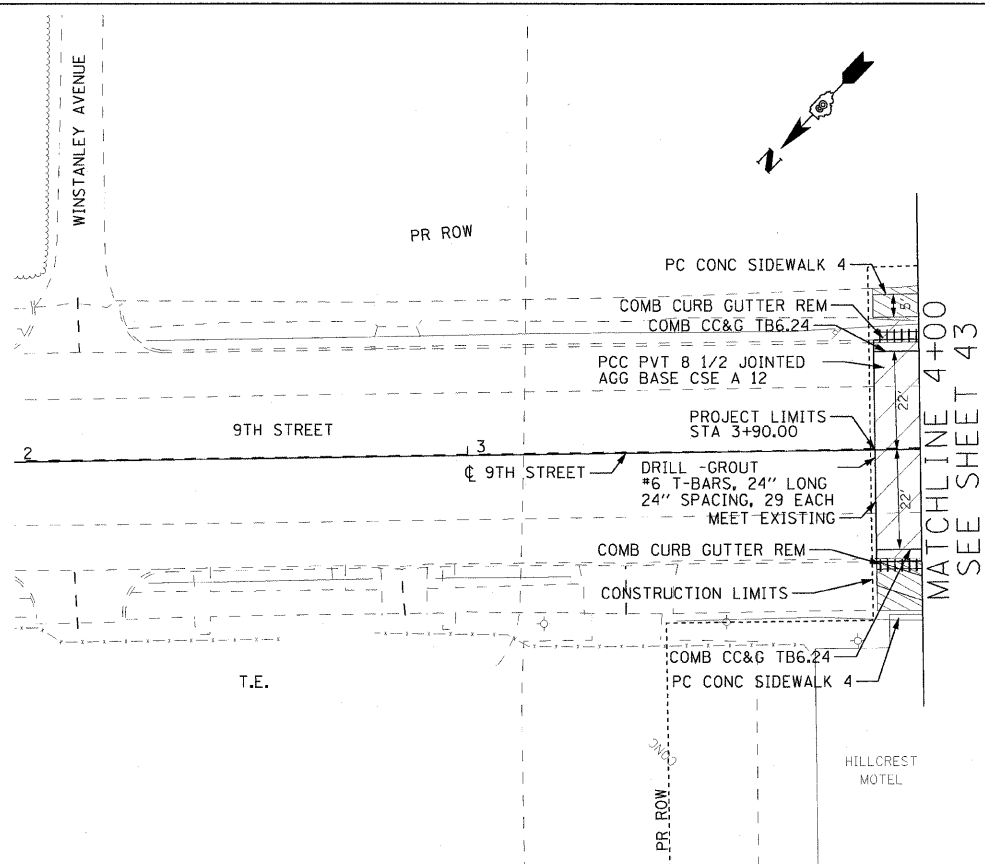


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#FILE#		DRAWN - KNW	REVISED -			SCALE: 1"=20'	SHEET NO. 15 OF 17 SHEETS	STA. 12+80.00 TO STA. 15+50.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55	
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -								
PLOT DATE = #DATE#		DATE - OCTOBER 9, 2009	REVISED -								

DATE: \$
TIME: \$
FILE: \$

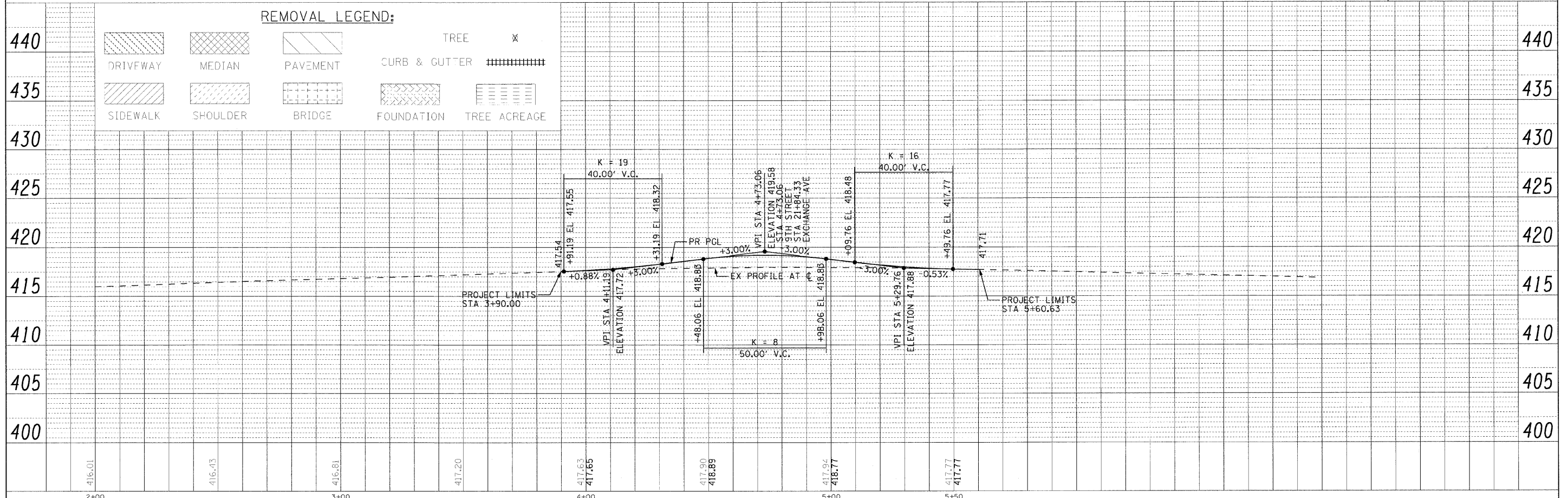
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PROFILE	REVISIONS	BY	DATE
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REMOVAL LEGEND:

			TREE	x
DRIVEWAY	MEDIAN	PAVEMENT	CURB & GUTTER	
			FOUNDATION	TREE ACREAGE
SIDEWALK	SHOULDER	BRIDGE		



FILE NAME =
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USER NAME = #USER#
DESIGNED - RRV
DRAWN - KNW
CHECKED - DRH
DATE - OCTOBER 9, 2009

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE 9TH ST.

SCALE: 1"=20' SHEET NO. 16 OF 17 SHEETS STA. 3+91.19 TO STA. 5+60.00

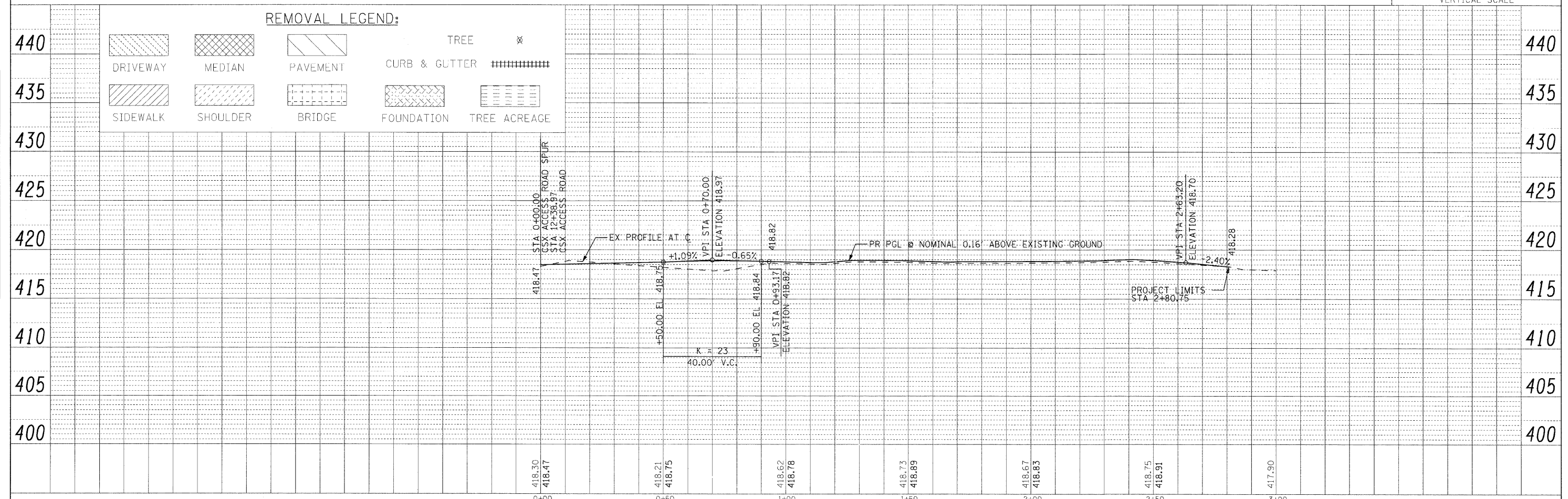
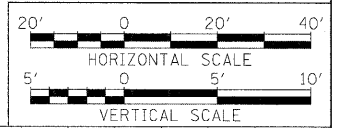
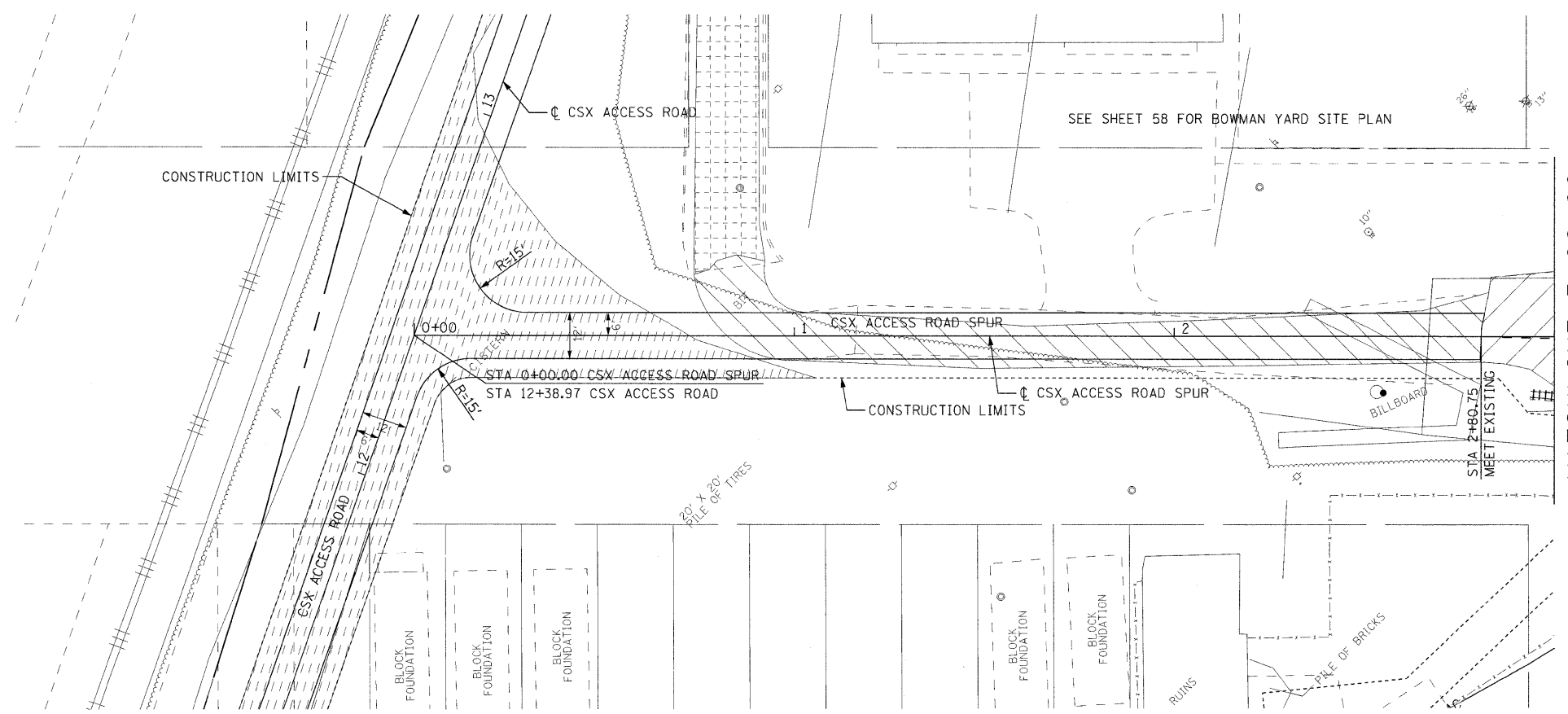
F.A.I. RTE. 70	SECTION 82-2-IHB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C55	

#DATE#
#TIME#
#FILE#

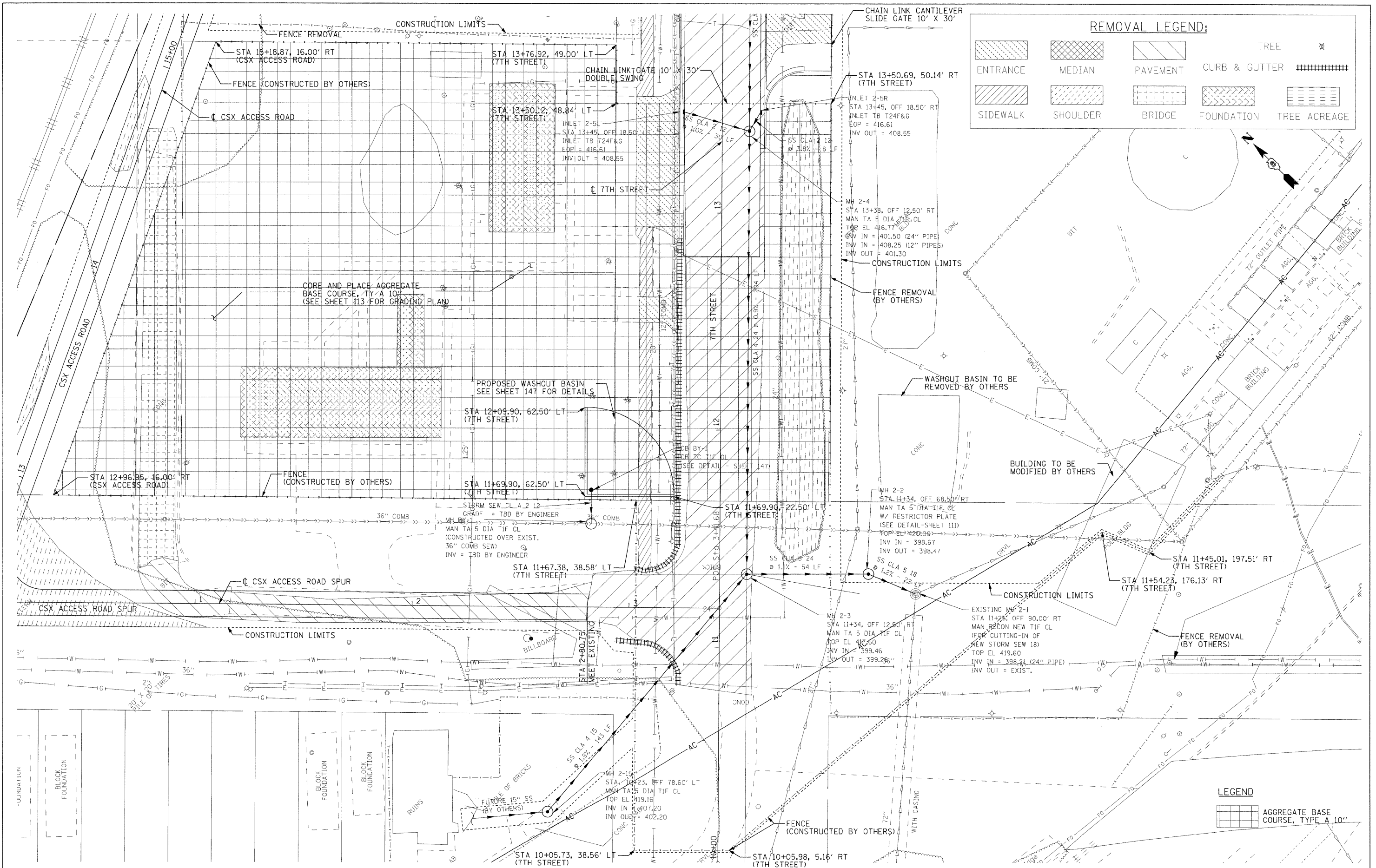
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	FILE NAME		

\$DATE\$
\$TIME\$
\$FILE\$



FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE CSX ACCESS RD. SPUR	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - DECEMBER 18, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE: 1"=20'		SHEET NO. 17 OF 17 SHEETS		STA. 0+00.00 TO STA. 2+80.75			



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

DESIGNED - RRV
 DRAWN - KNW
 CHECKED - DRH
 DATE - DECEMBER 18, 2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BOWMAN YARD SITE PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	B2-2-1HB	ST. CLAIR	236	58
CONTRACT NO. 76C55				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STAGE 1

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL:

PHASE 1

- TRAFFIC NOT AFFECTED

PHASE 2

- CLOSE THE LEFT LANE OF NORTHBOUND I-55 WHILE MAINTAINING TRAFFIC ON THE TWO OUTSIDE LANES.
- MAINTAIN TWO LANES OF TRAFFIC ON SB I-55 TO ACCOMMODATE FOR THE REROUTED RAMP "L" EXIT.
- DETOUR TRAFFIC FROM THE RAMP "L" EXIT TO THE REROUTED RAMP "L" EXIT.
- CLOSE RAMP "O" AND RAMP "P".
- RAMP "O" DETOUR
REROUTE TRAFFIC FROM SB I-55 TO NB EXCHANGE AVE BY USING EXIT AT IL ROUTE 203 SOUTH. TURN WEST ON COLLINSVILLE ROAD, WHICH TURNS INTO 9TH ST WEST CONTINUE ALONG 9TH ST WEST UNTIL ST. CLAIR AVE. TAKE ST. CLAIR NORTHWEST UNTIL NORTH 1ST STREET. TAKE 1ST STREET NORTHEAST TO EXCHANGE AVE.
- CLOSE EXCHANGE AVE BRIDGE
- EXCHANGE AVE TO I-55 NB & SB I-55 TO EXCHANGE AVE DETOUR TO GET TO NORTHBOUND I-55 FROM EXCHANGE AVE SOUTH OF I-55, TAKE EXCHANGE AVE TO 9TH ST EAST. CONTINUE ALONG 9TH WHICH TURNS INTO COLLINSVILLE RD. TAKE COLLINSVILLE RD EAST TO IL ROUTE 203 NORTH. TAKE IL ROUTE 203 TO THE I-55/I-70 INTERCHANGE.
- EXCHANGE AVE OVER I-55 DETOUR
DETOUR TRAFFIC ORIGINATING ON EXCHANGE AVE NORTH OF I-55 TO SOUTHBOUND EXCHANGE AVE BY GOING WEST FROM RAMP "O" TO NORTH 1ST STREET. TRAVEL SOUTHWEST ON 1ST STREET TO ST CLAIR AVE. TRAVEL SOUTHEAST ON ST. CLAIR TO NORTH 10TH STREET. TRAVEL NORTHEAST ON 10TH ST, MERGE INTO 9TH STREET. TAKE 9TH STREET NORTHEAST TO EXCHANGE AVE.

WORK TO BE COMPLETED DURING THIS STAGE:

PHASE 1

- CONSTRUCT BOWMAN YARD ACCESS ROAD.
- CONSTRUCT CSX ACCESS ROAD.
- CONSTRUCT CSX ACCESS ROAD SPUR.
- CONSTRUCT 7TH STREET.
- CONSTRUCT BOWMAN YARD IMPROVEMENTS.
- CONSTRUCT ITS.

PHASE 2

- DEMOLISH L&N RAILROAD BRIDGE SUPERSTRUCTURE AND PIERS. (WEEKEND CLOSURE).
- DEMOLISH EXCHANGE AVENUE BRIDGE SUPERSTRUCTURE, PIER, AND APPROACHES, INCLUDING THE ABUTMENTS. (WEEKEND CLOSURE).
- BUILD EXCHANGE AVENUE BRIDGE PIER.
- BUILD 42" COMBINED SEWER.

STAGE 2














SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL:

- OPEN ALL LANES ON NB I-55
- MERGE RAMP "N" TRAFFIC TO NB I-55.
- MAINTAIN TWO LANES OF TRAFFIC ON SB I-55.
- CLOSE THE TWO LEFT LANES OF 9TH STREET AND KEEP ONE LANE OPEN IN EACH DIRECTION.
- CLOSE THE RIGHT LANE OF SB I-55 WHILE MAINTAINING TRAFFIC IN THE REMAINING LANES.
- CLOSE THE RIGHT LANE OF NB I-55 WHILE MAINTAINING TRAFFIC IN THE REMAINING LANES.
- DETOUR ROUTES FROM STAGE 1 TO REMAIN.

WORK TO BE COMPLETED DURING THIS STAGE:

- BUILD EXCHANGE AVE (INCLUDING THE BRIDGE)
- DEMOLISH RAMP "P", INCLUDING THE ACCELERATION LANE ALONG I-55
- DEMOLISH EXISTING RAMP "O".
- BUILD RAMP "O"
- BUILD THE NORTH HALF OF THE EXCHANGE AVE AND 9TH STREET INTERSECTION.
- BUILD WALL "E" ALONG I-55.

LEGEND:

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  DRUMS OR TYPE II BARRICADES
-  DIRECTIONAL INDICATOR BARRICADES
-  TEMPORARY PAVEMENT MARKING TAPE
-  EXISTING PAVEMENT MARKING
-  FLASHING LIGHT, SIGN MOUNTED
-  VERTICAL PANEL
-  ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE)
-  TYPE III BARRICADES
-  PORTABLE CHANGEABLE MESSAGE SIGN

STAGE 3

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL:

- REROUTE 9TH STREET TRAFFIC TO THE NORTH SIDE OF THE INTERSECTION.

WORK TO BE COMPLETED DURING THIS STAGE:

- BUILD THE SOUTH HALF OF THE 9TH ST AND EXCHANGE AVE INTERSECTION.
- REMOVE BOWMAN YARD ACCESS ROAD TIE TO EXCHANGE AVE.

GENERAL NOTES

1. THE CONTRACTOR MAY NOT ALTER THE SEQUENCE OF CONSTRUCTION WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
2. THE PURPOSE OF THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL DRAWINGS IS TO MINIMIZE DELAYS TO THE MOTORIST.
3. TEMPORARY ACCESS TO ALL ENTRANCES (COMMERCIAL AND PRIVATE) SHALL BE MAINTAINED DURING CONSTRUCTION.
4. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
5. THE FOLLOWING DETOUR ROUTES USING LOCAL ROADS SHALL BE POSTED AND MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONTRACT:

EXCHANGE AVE TO I-55 NB & SB I-55 TO EXCHANGE AVE
EXCHANGE AVE OVER I-55

6. PRIOR TO CLOSURE AND REMOVAL OF EXISTING STRUCTURE 082-0378, THE PROPOSED BOWMAN YARD ACCESS ROAD SHALL BE CONSTRUCTED AS DETAILED IN THE PLANS.
7. COORDINATION AND RELOCATION/SALVAGE OF THE EXISTING BRIDGE MOUNTED I.T.S. SHALL BE CARRIED OUT PRIOR TO REMOVAL OF S.N. 082-0378.
8. COORDINATION AND RELOCATION OF ANY EXISTING UTILITIES WHICH SERVICES WILL BE INTERRUPTED BY REMOVAL OF S.N. 082-0378 SHALL BE CARRIED OUT PRIOR TO REMOVAL OF S.N. 032-0378.

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL GENERAL NOTES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE#		DATE - OCTOBER 9, 2009	REVISED -		CONTRACT NO. 76C55								

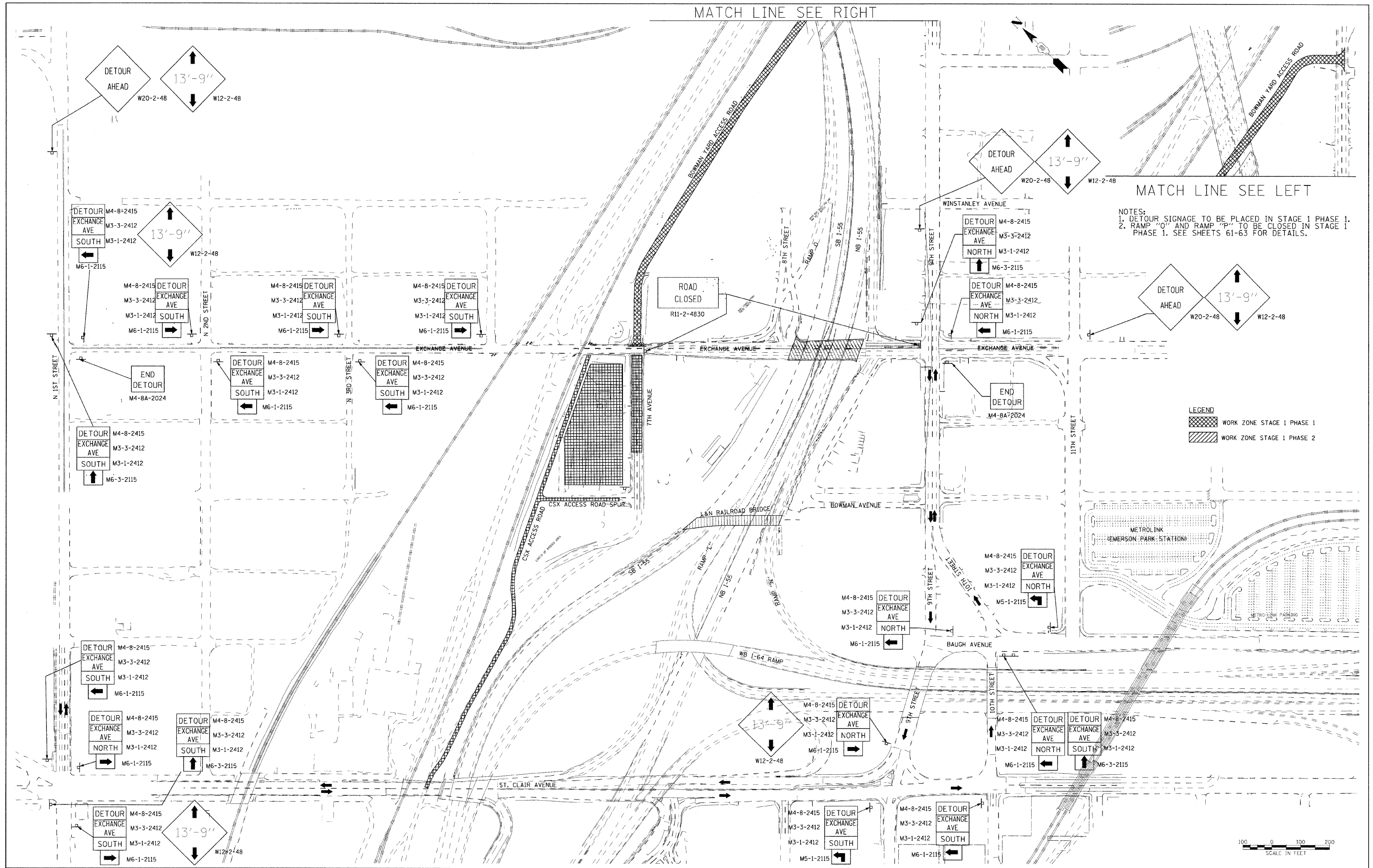
MATCH LINE SEE RIGHT

MATCH LINE SEE LEFT

NOTES:
1. DETOUR SIGNAGE TO BE PLACED IN STAGE 1 PHASE 1.
2. RAMP "O" AND RAMP "P" TO BE CLOSED IN STAGE 1 PHASE 1. SEE SHEETS 61-63 FOR DETAILS.

LEGEND
[Cross-hatched box] WORK ZONE STAGE 1 PHASE 1
[Diagonal hatched box] WORK ZONE STAGE 1 PHASE 2

SCALE IN FEET
0 100 200



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\$TIME\$
\$FILE\$

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -
\$FILEL		DRAWN - KNW	REVISED -
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	PLOT DATE = #DATE#	DATE - OCTOBER 9, 2009	REVISED -

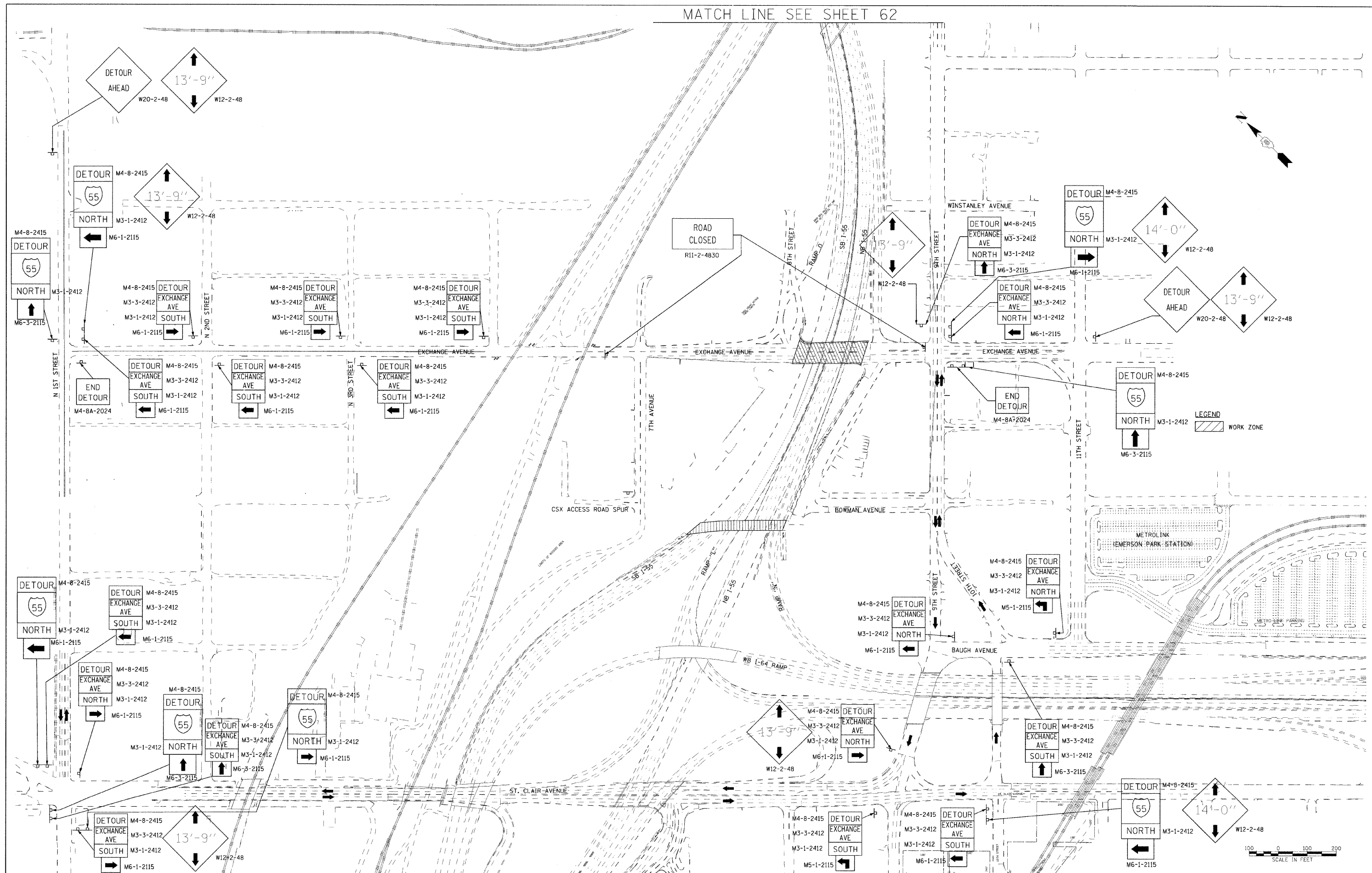
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN - STAGE 1 PHASE 2
EXCHANGE AVE BRIDGE CLOSURE**

SCALE: 1"=150' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	60
PLOT DATE: *DATE-TIME*		CONTRACT NO. 76C55		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCH LINE SEE SHEET 62



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DRAWN - KNW
CHECKED - DRH
DATE - OCTOBER 9, 2009

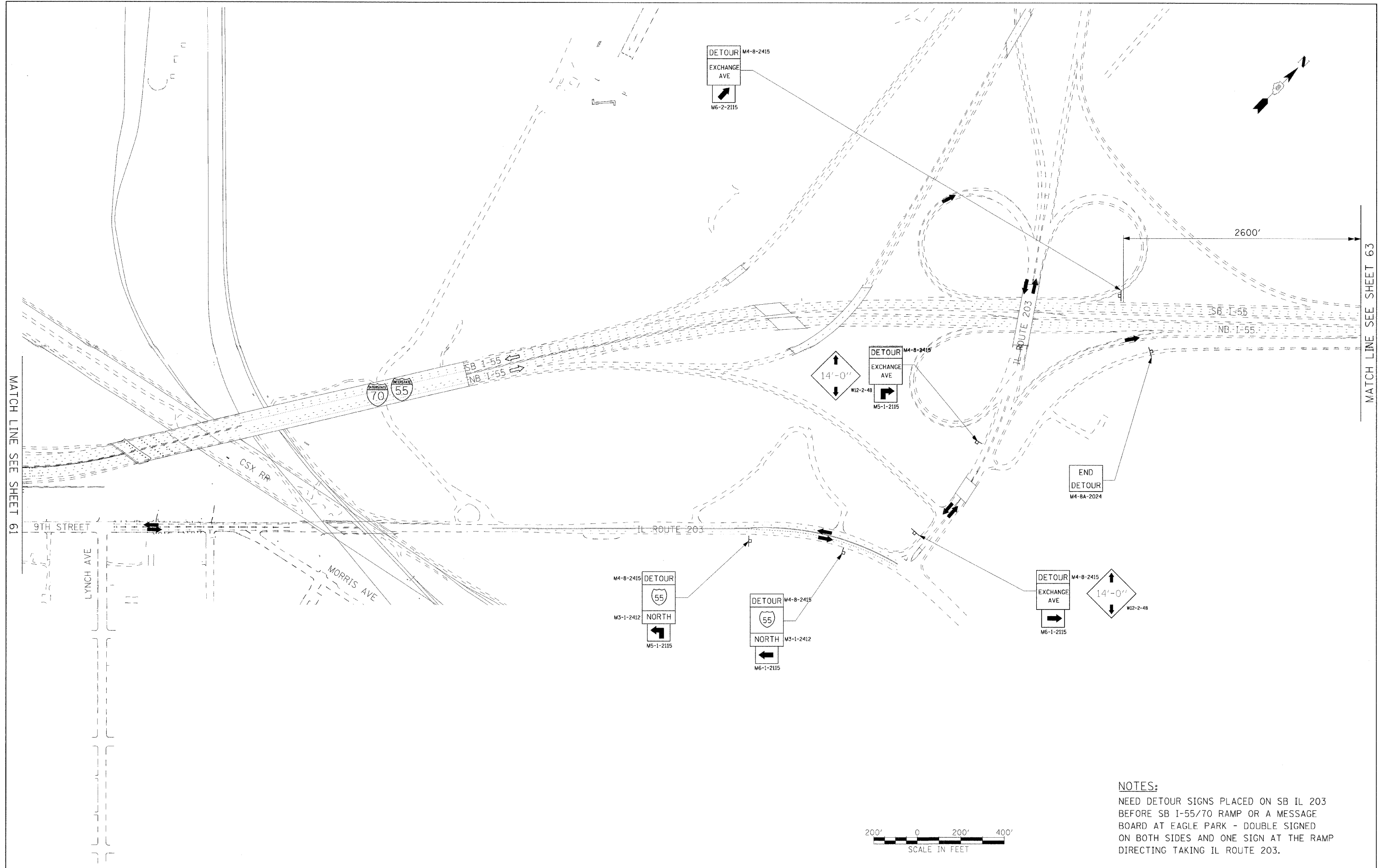
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

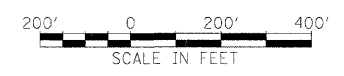
**DETOUR PLAN - STAGE 1 PHASE 2
EXCHANGE AVE TO I-55 NB
& SB TO EXCHANGE AVE**

SCALE: 1"=150' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

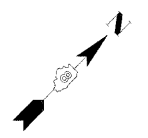
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-1HB	ST. CLAIR	236	61
PLOT DATE: *DATE-TIME*			CONTRACT NO. 76C55	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



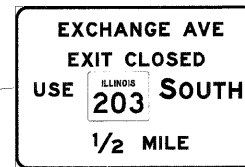
NOTES:
 NEED DETOUR SIGNS PLACED ON SB IL 203 BEFORE SB I-55/70 RAMP OR A MESSAGE BOARD AT EAGLE PARK - DOUBLE SIGNED ON BOTH SIDES AND ONE SIGN AT THE RAMP DIRECTING TAKING IL ROUTE 203.



\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = *USER*	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN - STAGE 1 PHASE 2 EXCHANGE AVE TO I-55 NB & SB I-55 TO EXCHANGE AVE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*FILEL		DRAWN - KNW	REVISED -		70	82-2-IHB	ST. CLAIR	236	62		
	PLOT SCALE = *SCALE*		CHECKED - DRH	REVISED -		PLOT DATE: *DATE-TIME*		CONTRACT NO. 76C55				
	PLOT DATE = *DATE*		DATE - OCTOBER 9, 2009	REVISED -		SCALE: 1"=200'	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



GROUND MOUNTED, ORANGE BOARD
 PLACE ALONG SB I-55 FACING SOUTHEAST
 AT 1/2 MILE FROM "EXIT 4A"
 SEE SHEET 59S FOR TEMPORARY
 INFORMATION SIGNING PANEL DETAILS

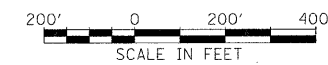


(P28)

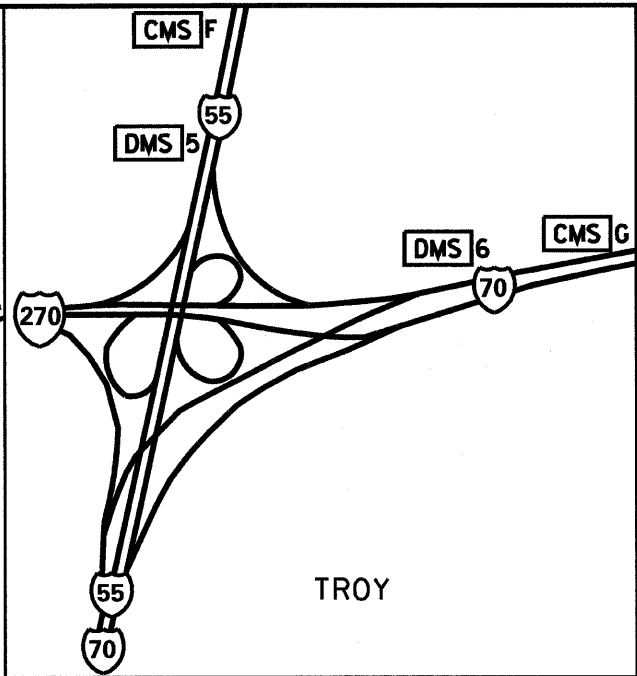
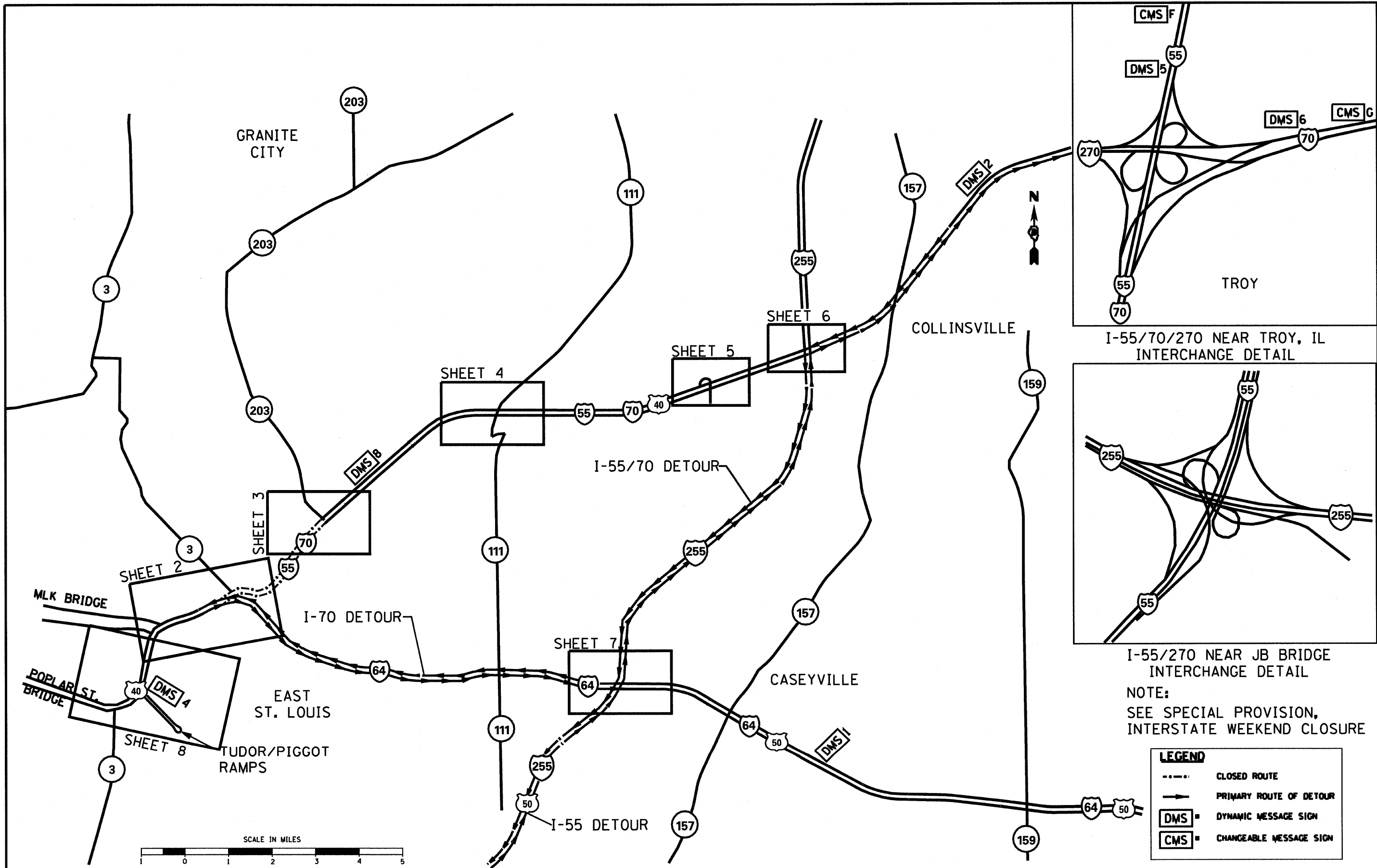
MATCH LINE SEE SHEET 62

2600'

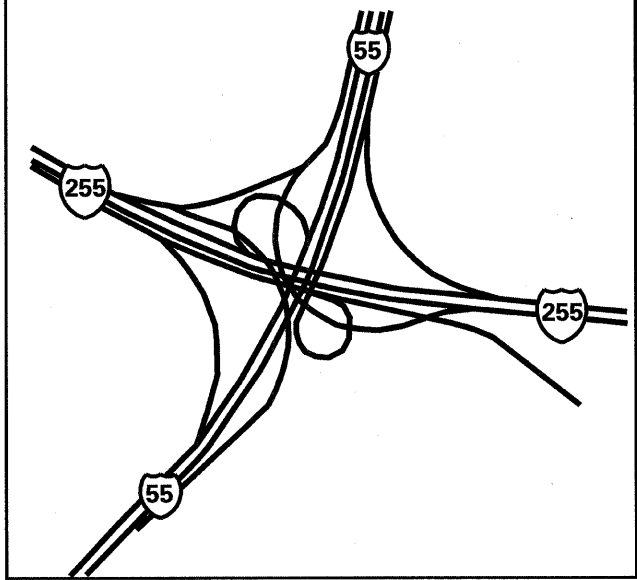
SB I-55
 NB I-55



#DATE# #TIME# #FILE#	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN - STAGE 1 PHASE 2 EXCHANGE AVE TO I-55 NB & SB I-55 TO EXCHANGE AVE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	#FILE#		DRAWN - KNW	REVISED -				70	82-2-1HB	ST. CLAIR	236	63
	PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -				PLOT DATE: *DATE-TIME*		CONTRACT NO. 76C55		
	PLOT DATE = #DATE#		DATE - OCTOBER 9, 2009	REVISED -				SCALE: 1"=200'	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.



I-55/70/270 NEAR TROY, IL INTERCHANGE DETAIL



I-55/270 NEAR JB BRIDGE INTERCHANGE DETAIL

NOTE:
SEE SPECIAL PROVISION,
INTERSTATE WEEKEND CLOSURE

LEGEND

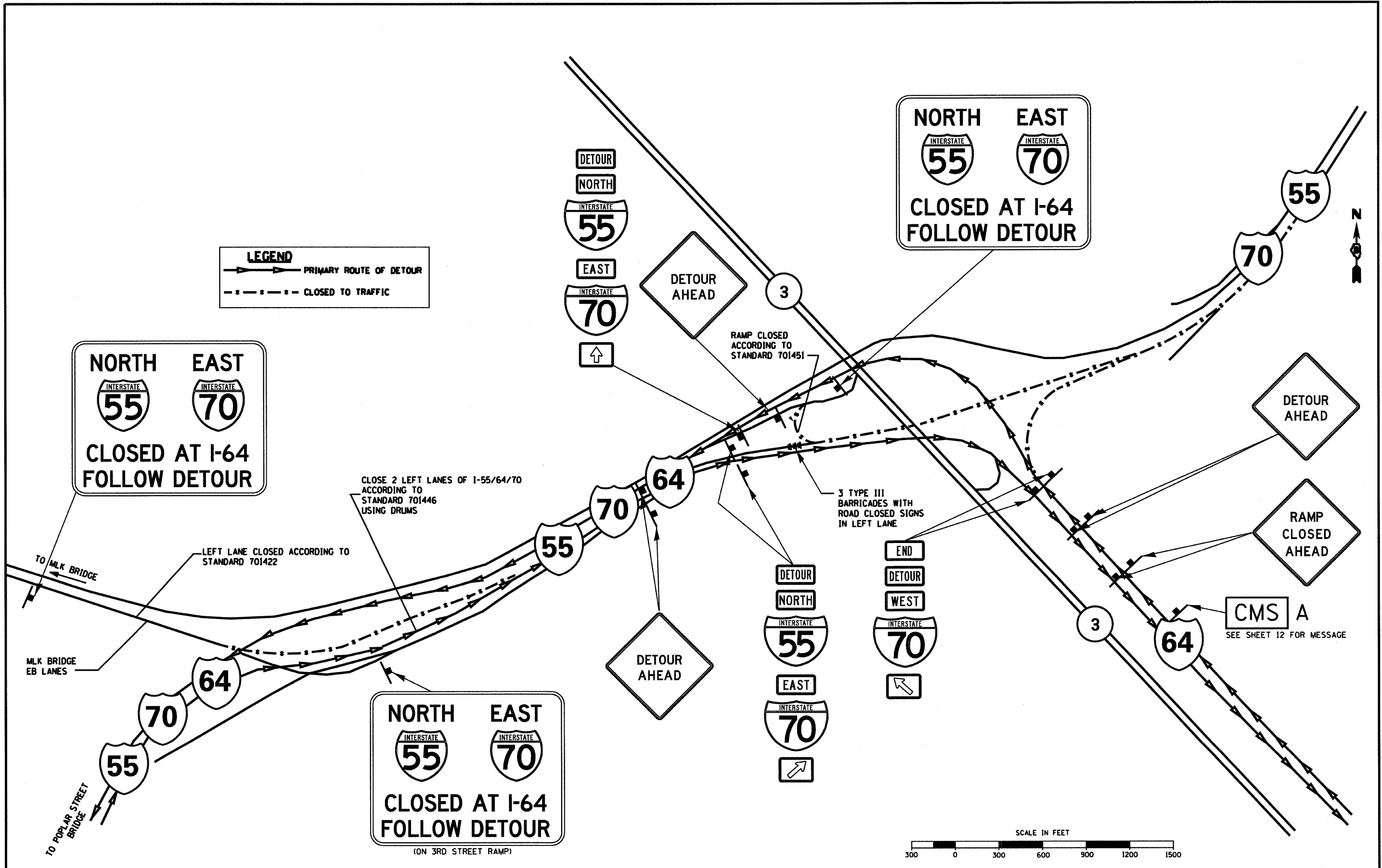
- CLOSED ROUTE
- PRIMARY ROUTE OF DETOUR
- DMS = DYNAMIC MESSAGE SIGN
- CMS = CHANGEABLE MESSAGE SIGN

FILE NAME *	USER NAME * freytr	DESIGNED - DS	REVISED -
cr:\p...ork\VP\DOT\vd8oper\vd8149132\080ve	all-88-shr-staging81.dgn	DRAWN - AS	REVISED -
	PLOT SCALE = 10568.8888 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE WEEKEND CLOSURE, SPECIAL
DETOUR OVERVIEW
SCALE: 1" = 1 MILE SHEET NO. 1 OF 15 SHEETS STA. TO STA.

P.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TO		ST CLAIR	236	64
			CONTRACT NO. 76C85	
ILLINOIS FED. AID PROJECT				



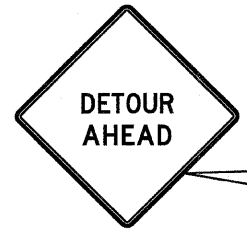
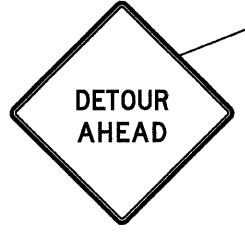
FILE NAME *	USER NAME * freytr	DESIGNED - DS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL INTERSTATE 55/70 AND INTERSTATE 64	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
os\pwr\work\PI\DOT\vdBope\vd8149132\080ve	all-88-shr-staging82.dgn	DRAWN - AS	REVISED -			70		ST. CLAIR	236	65	
	PLOT SCALE = 600.0000 "/ IN.	CHECKED -	REVISED -			SCALE: 1" = 300'		SHEET NO. 2 OF 15 SHEETS		CONTRACT NO. 76C55	
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -			STA. TO STA.		ILLINOIS FED. AID PROJECT			

SOUTH WEST
INTERSTATE 55 INTERSTATE 70
CLOSED AT IL 203
FOLLOW DETOUR

DETOUR SOUTH WEST
INTERSTATE 55 INTERSTATE 70
WEST

SOUTH WEST
INTERSTATE 55 INTERSTATE 70
CLOSED AT IL 203
FOLLOW DETOUR

DMS 8
 SEE SHEET 12 FOR MESSAGE



ALL TRAFFIC MUST EXIT

DETOUR SOUTH WEST
INTERSTATE 55 INTERSTATE 70
WEST

DETOUR SOUTH WEST
INTERSTATE 55 INTERSTATE 70
WEST

CLOSE RT LANE SB 203 ACCORDING TO STANDARD 701422

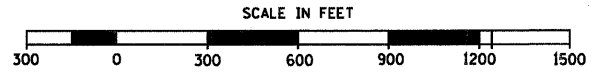
REDUCE I-55/70 PRIOR TO RAMP ACCORDING TO STANDARD 701446

RAMP CLOSED ACCORDING TO STANDARD 701451

USE STANDARD 701401 AND 701411 TO FORCE EXIT

3 TYPE III BARRICADES WITH ROAD CLOSED SIGNS

LEGEND
 PRIMARY ROUTE OF DETOUR
 CLOSED TO TRAFFIC

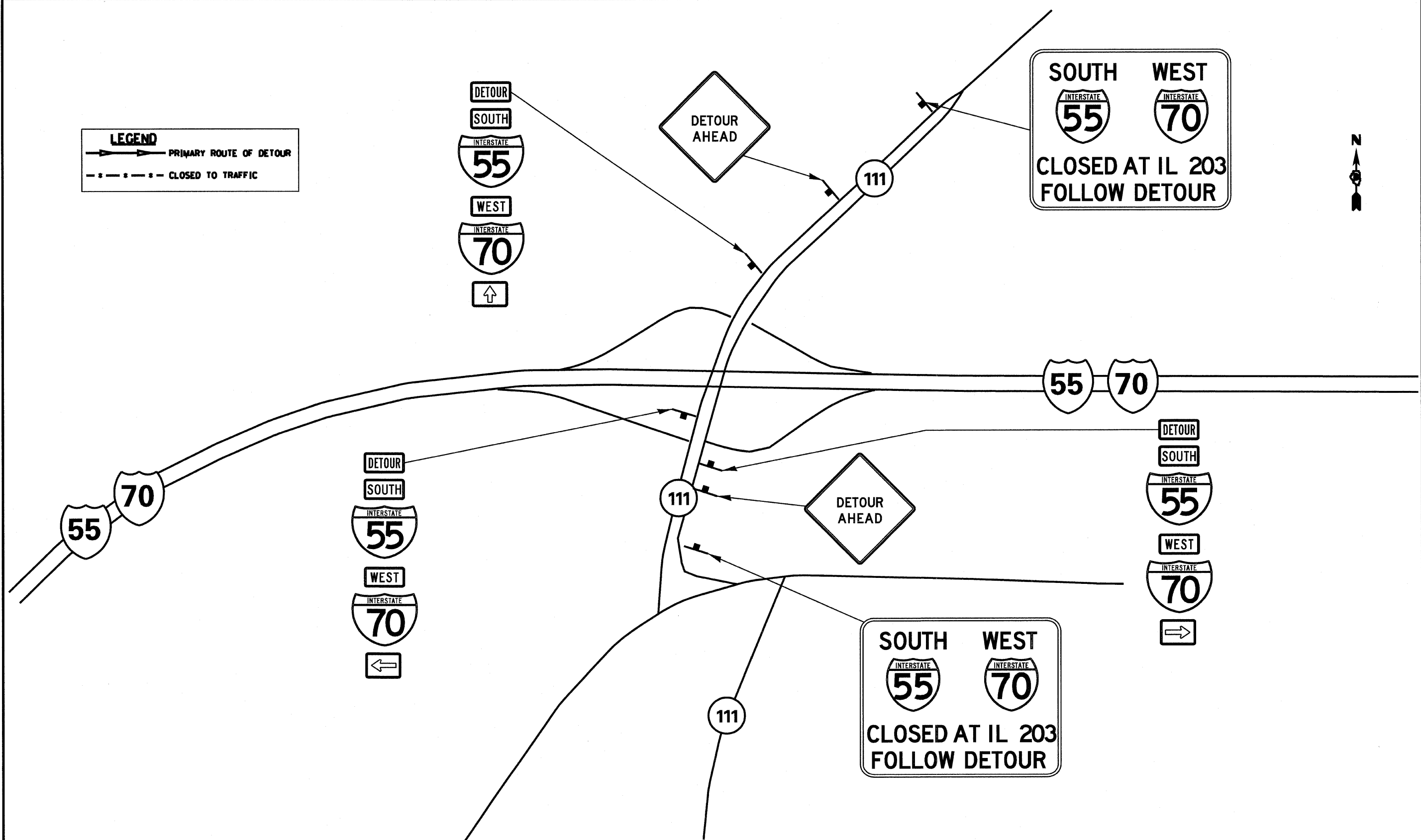


FILE NAME * c:\p...ork\p\IDOT\d8oper\08149132\080ve	USER NAME * freytr	DESIGNED - DS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL INTERSTATE 55/70 AND ILLINOIS 203	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	all-88-ah-t-staging83.dgn	DRAWN - AS	REVISED -			TO	ST. CLAIR	236	66	
	PLOT SCALE = 600.0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 300'	SHEET NO. 3 OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 76C55		
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -							

LEGEND

→ PRIMARY ROUTE OF DETOUR

- - - - - CLOSED TO TRAFFIC



FILE NAME *	USER NAME * freytr	DESIGNED - DS	REVISED -
cr:\pe...work\PI\DOT\d8oper\d8149\32\080ve\all-88-9ht-staging04.dgn		DRAWN - AS	REVISED -
	PLOT SCALE = 600.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE WEEKEND CLOSURE, SPECIAL
INTERSTATE 55/70 AND ILLINOIS 111**

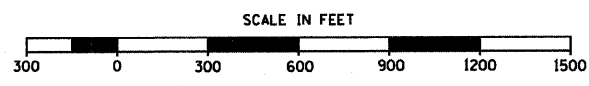
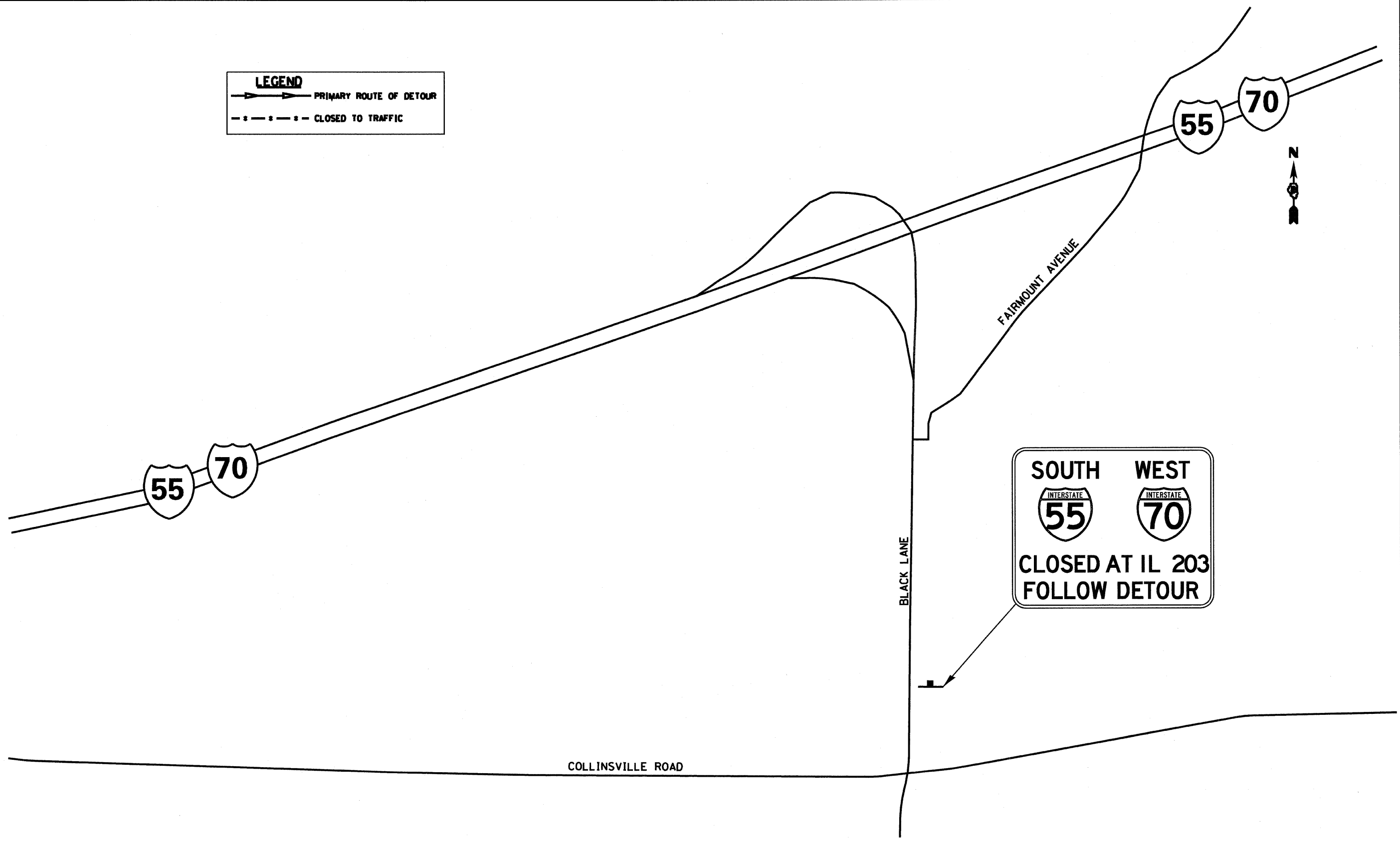
SCALE: 1" = 300' SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		ST. CLAIR	236	67
			CONTRACT NO. 76C85	
ILLINOIS FED. AID PROJECT				

LEGEND

→ PRIMARY ROUTE OF DETOUR

- - - - - CLOSED TO TRAFFIC



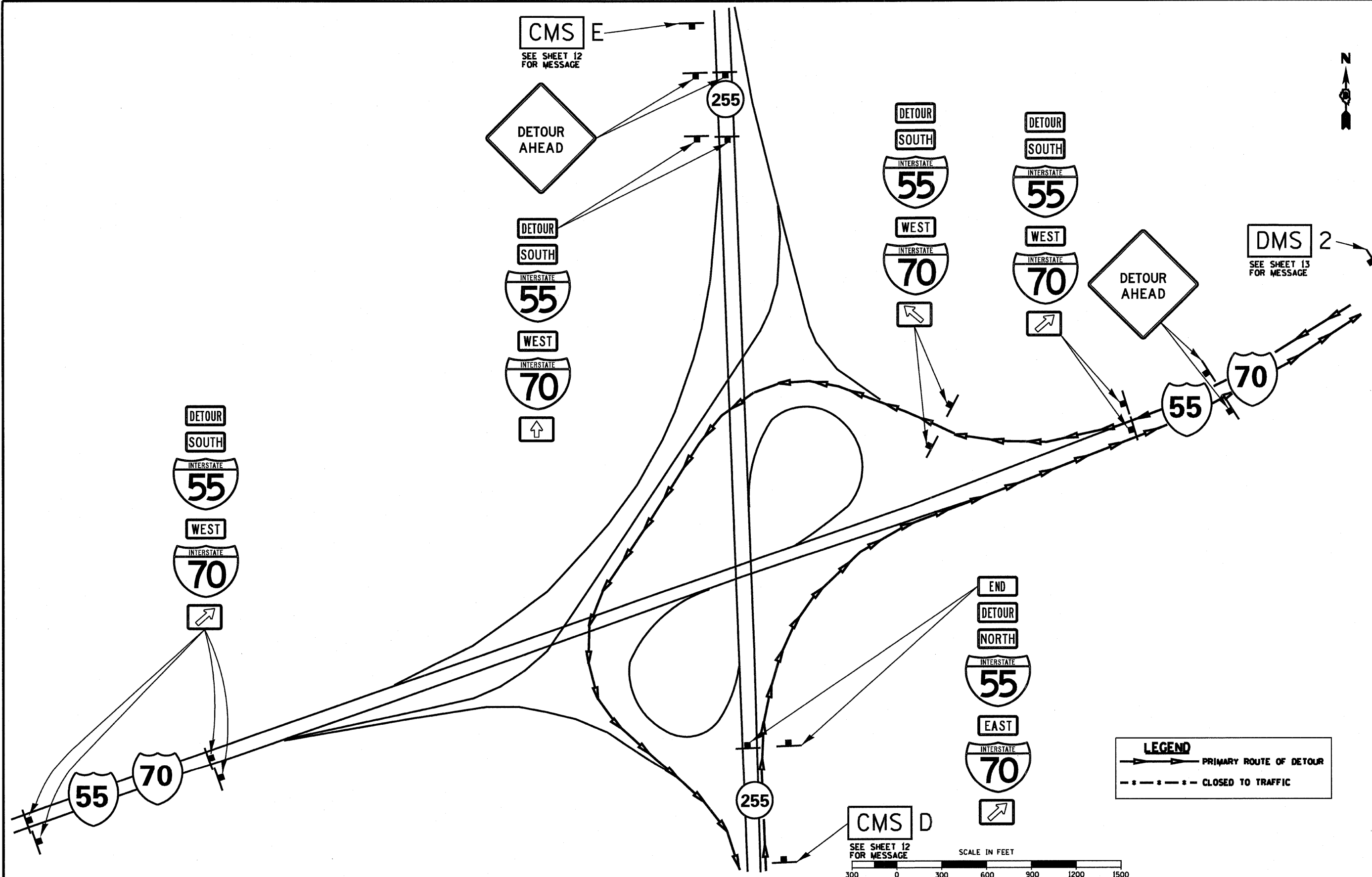
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c:\pe_work\PI\DOT\80per\08149132\080ve	all-80-ht-staging05.dgn	DRAWN - AS	REVISED -
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	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

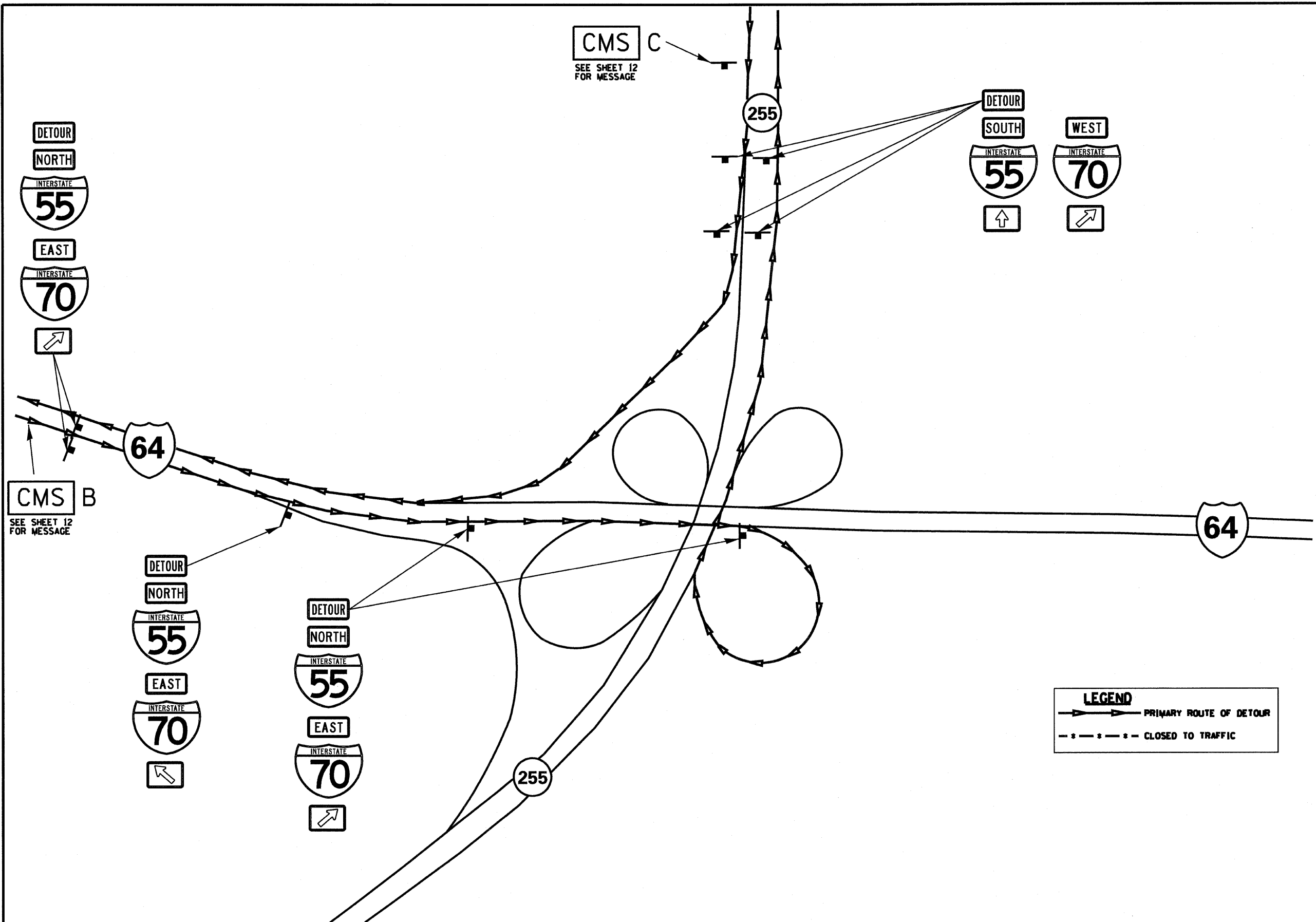
**INTERSTATE WEEKEND CLOSURE, SPECIAL
INTERSTATE 55/70 AND BLACK LANE**

SCALE: 1" = 300' SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		ST. CLAIR	236	68
			CONTRACT NO. 76C35	
ILLINOIS FED. AID PROJECT				



FILE NAME *	USER NAME * frejtr	DESIGNED - DS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL INTERSTATE 55/70 AND INTERSTATE 255		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\p\work\PIWIDOT\080per\08149132\080ve	011-08-sht-staging86.dgn	DRAWN - AS	REVISED -		SCALE: 1" = 300'	SHEET NO. 6 OF 15 SHEETS	STA.	TO STA.	ST. CLAIR	236	69
	PLOT SCALE = 600.0000' / IN.	CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -						CONTRACT NO. 75C35		



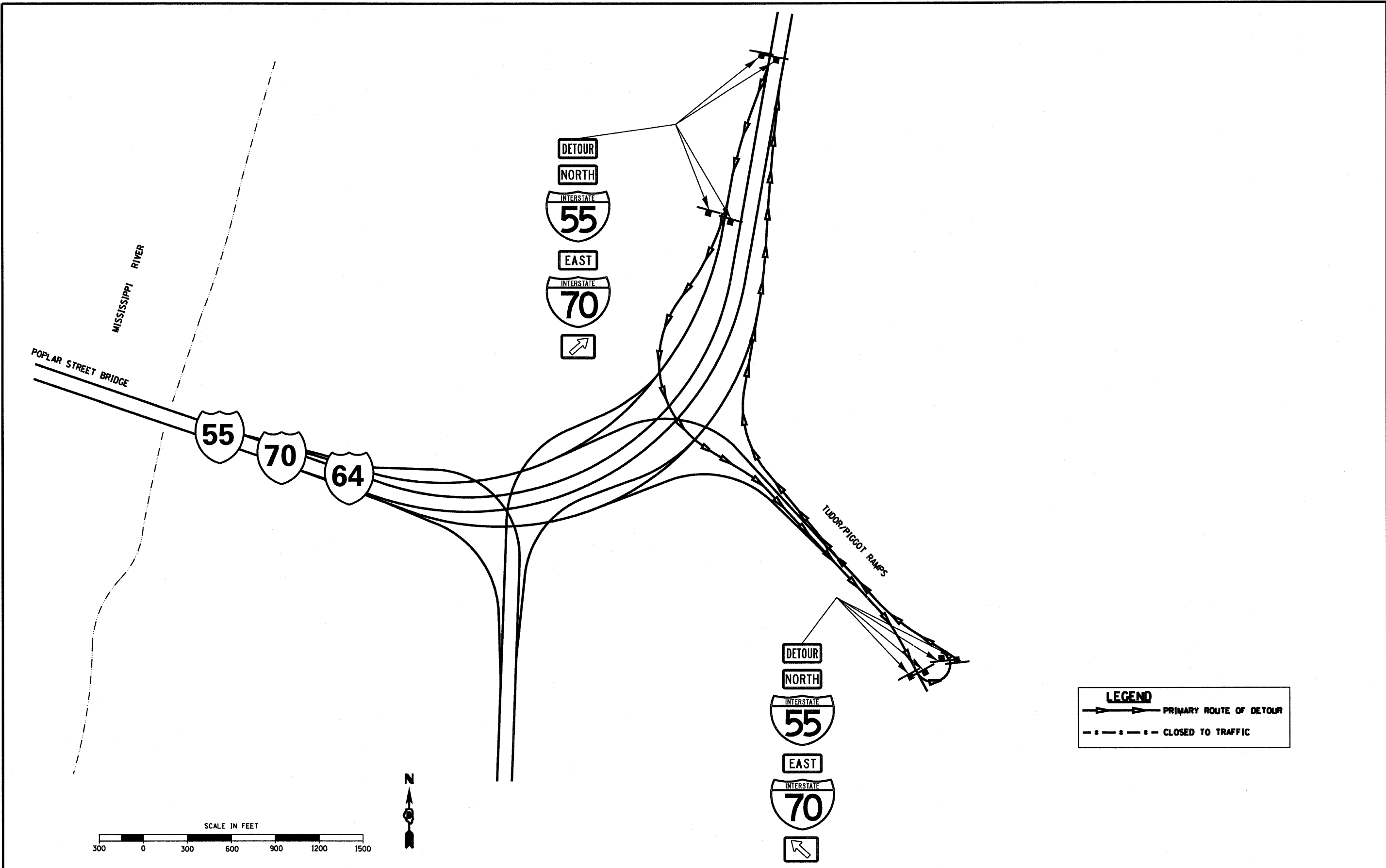
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cr\p...work\PI\DOT\080per\08149132\080ve	all-89-shit-staging96.dgn	DRAWN - AS	REVISED -
	PLOT SCALE = 600.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

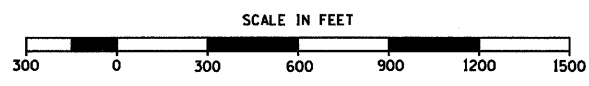
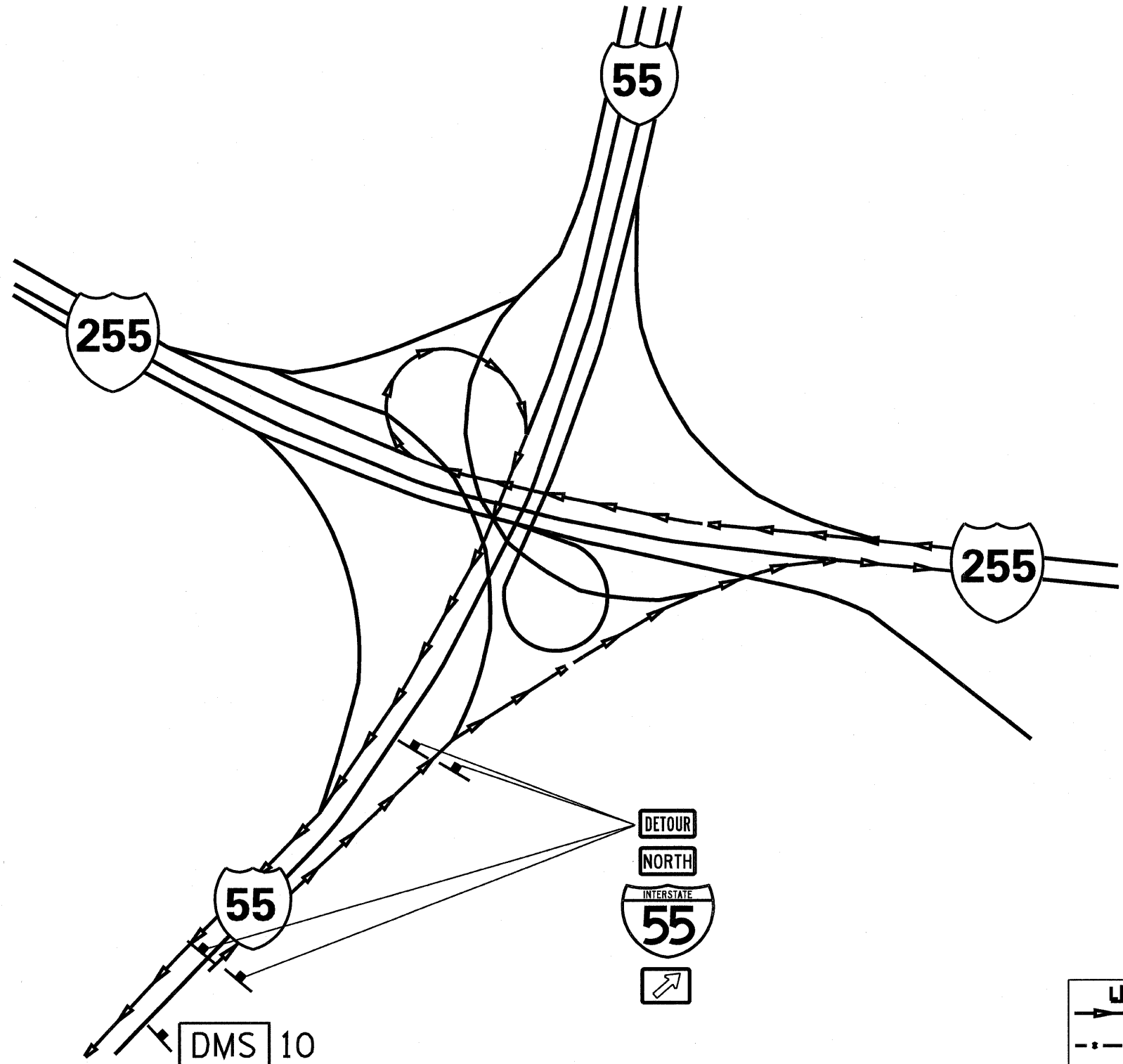
**INTERSTATE WEEKEND CLOSURE, SPECIAL
INTERSTATE 64 AND INTERSTATE 255**

SCALE: 1" = 300' SHEET NO. 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		ST CLAIR	236	70
			CONTRACT NO. 76C35	
ILLINOIS FED. AID PROJECT				



FILE NAME *	USER NAME = freytr	DESIGNED - DS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL INTERSTATE 55/70 /64		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\p...work\PIWIDOT\080pe-V08149\32\080ve	all-00-shi-staging08.dgn	DRAWN - AS	REVISED -		TO		ST. CLAIR	236	71		
	PLOT SCALE = 600.0000' / IN.	CHECKED -	REVISED -		SCALE: 1" = 300'	SHEET NO. 8 OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -								



INTERSTATE 255/55 IN MISSOURI

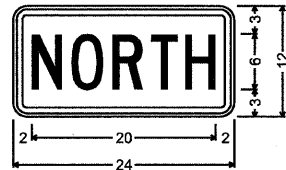
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cr:\p...work\VP\DOT\vd8oper\vd8149132\080ve	all-88-ah- staging88.dgn	DRAWN - AS	REVISED -
	PLOT SCALE = 600.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/6/2009	DATE - 03/15/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

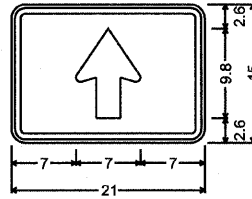
INTERSTATE WEEKEND CLOSURE, SPECIAL
INTERSTATE 255/55

SCALE: 1" = 300' SHEET NO. 9 OF 15 SHEETS STA. TO STA.

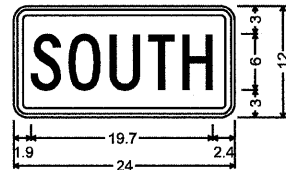
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		ST. CLAIR	236	72
			CONTRACT NO. 76C85	
ILLINOIS FED. AID PROJECT				



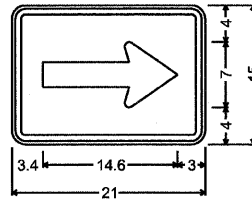
M3-1 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[NORTH] C 80% spacing;



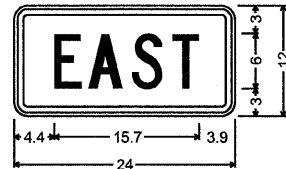
M6-3;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;



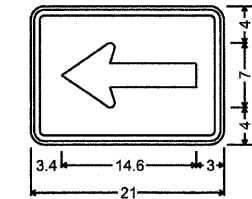
M3-3 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[SOUTH] C 80% spacing;



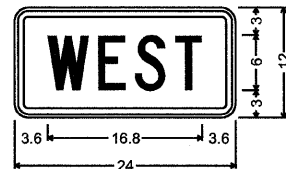
M6-1;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
Standard Arrow Custom 14.6" X 7.0" 0°;



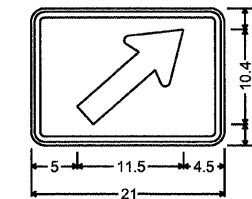
M3-2 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[EAST] C;



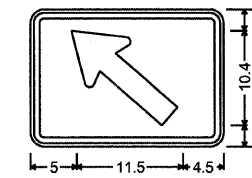
M6-1;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
Standard Arrow Custom 14.6" X 7.0" 180°;



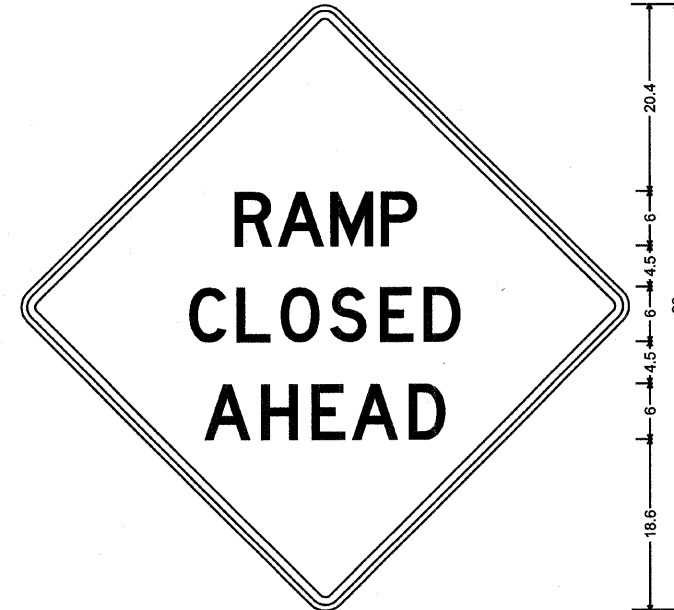
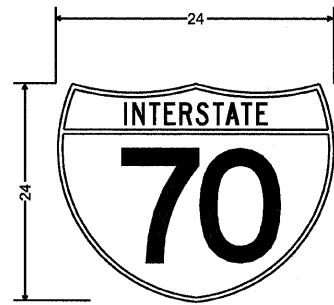
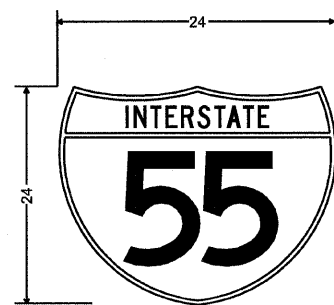
M3-4 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[WEST] C 98% spacing;



M6-2;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;



M6-2;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;

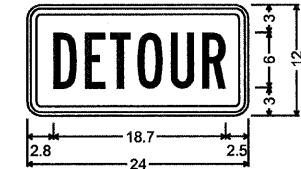


W20-2 MIN;
48.0" across sides 2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[RAMP] D 60% spacing; [CLOSED] D; [AHEAD] D 102% spacing;



M3-5 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
[END] D 2K;
Table of widths and spaces:

Table of widths and spaces: 4.8, 6.2, 10.4, 14.6, 18.8, 23.0



M4-8 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
[DETOUR] B 80% spacing;

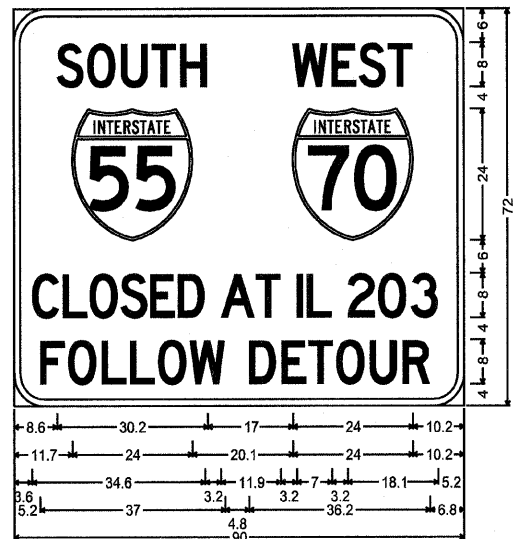
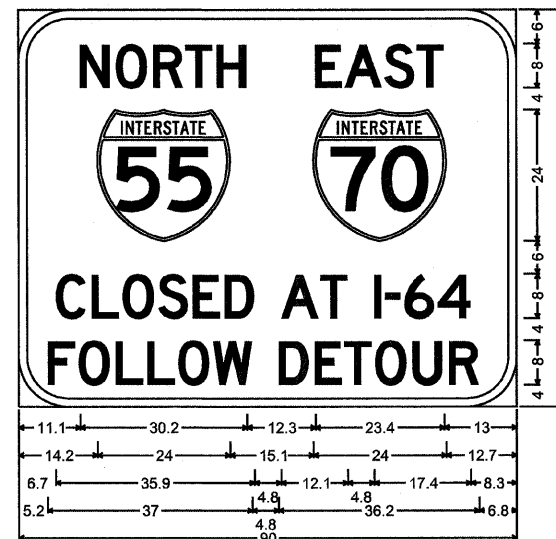


W20-2 MIN;
48.0" across sides 2.3" Radius, 0.9" Border, 0.6" Indent, Black on Orange;
[DETOUR] D 60% spacing; [AHEAD] D 102% spacing;



M3-6 MIN & STD;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[ALL] B 2K 85% spacing; [TRAFFIC] B 2K 85% spacing; [MUST] B 2K; [EXIT] B 2K;
Table of widths and spaces:

Table of widths and spaces: 2.8, 4.2, 6.6, 9.0, 11.4, 13.8, 16.2, 18.6, 21.0, 23.4, 25.8, 28.2, 30.6, 33.0, 35.4, 37.8, 40.2, 42.6, 45.0, 47.4, 49.8, 52.2, 54.6, 57.0, 59.4, 61.8, 64.2, 66.6, 69.0, 71.4, 73.8, 76.2, 78.6, 81.0, 83.4, 85.8, 88.2, 90.6, 93.0, 95.4, 97.8, 100.2, 102.6, 105.0, 107.4, 109.8, 112.2, 114.6, 117.0, 119.4, 121.8, 124.2, 126.6, 129.0, 131.4, 133.8, 136.2, 138.6, 141.0, 143.4, 145.8, 148.2, 150.6, 153.0, 155.4, 157.8, 160.2, 162.6, 165.0, 167.4, 169.8, 172.2, 174.6, 177.0, 179.4, 181.8, 184.2, 186.6, 189.0, 191.4, 193.8, 196.2, 198.6, 201.0, 203.4, 205.8, 208.2, 210.6, 213.0, 215.4, 217.8, 220.2, 222.6, 225.0, 227.4, 229.8, 232.2, 234.6, 237.0, 239.4, 241.8, 244.2, 246.6, 249.0, 251.4, 253.8, 256.2, 258.6, 261.0, 263.4, 265.8, 268.2, 270.6, 273.0, 275.4, 277.8, 280.2, 282.6, 285.0, 287.4, 289.8, 292.2, 294.6, 297.0, 299.4, 301.8, 304.2, 306.6, 309.0, 311.4, 313.8, 316.2, 318.6, 321.0, 323.4, 325.8, 328.2, 330.6, 333.0, 335.4, 337.8, 340.2, 342.6, 345.0, 347.4, 349.8, 352.2, 354.6, 357.0, 359.4, 361.8, 364.2, 366.6, 369.0, 371.4, 373.8, 376.2, 378.6, 381.0, 383.4, 385.8, 388.2, 390.6, 393.0, 395.4, 397.8, 400.2, 402.6, 405.0, 407.4, 409.8, 412.2, 414.6, 417.0, 419.4, 421.8, 424.2, 426.6, 429.0, 431.4, 433.8, 436.2, 438.6, 441.0, 443.4, 445.8, 448.2, 450.6, 453.0, 455.4, 457.8, 460.2, 462.6, 465.0, 467.4, 469.8, 472.2, 474.6, 477.0, 479.4, 481.8, 484.2, 486.6, 489.0, 491.4, 493.8, 496.2, 498.6, 501.0, 503.4, 505.8, 508.2, 510.6, 513.0, 515.4, 517.8, 520.2, 522.6, 525.0, 527.4, 529.8, 532.2, 534.6, 537.0, 539.4, 541.8, 544.2, 546.6, 549.0, 551.4, 553.8, 556.2, 558.6, 561.0, 563.4, 565.8, 568.2, 570.6, 573.0, 575.4, 577.8, 580.2, 582.6, 585.0, 587.4, 589.8, 592.2, 594.6, 597.0, 599.4, 601.8, 604.2, 606.6, 609.0, 611.4, 613.8, 616.2, 618.6, 621.0, 623.4, 625.8, 628.2, 630.6, 633.0, 635.4, 637.8, 640.2, 642.6, 645.0, 647.4, 649.8, 652.2, 654.6, 657.0, 659.4, 661.8, 664.2, 666.6, 669.0, 671.4, 673.8, 676.2, 678.6, 681.0, 683.4, 685.8, 688.2, 690.6, 693.0, 695.4, 697.8, 700.2, 702.6, 705.0, 707.4, 709.8, 712.2, 714.6, 717.0, 719.4, 721.8, 724.2, 726.6, 729.0, 731.4, 733.8, 736.2, 738.6, 741.0, 743.4, 745.8, 748.2, 750.6, 753.0, 755.4, 757.8, 760.2, 762.6, 765.0, 767.4, 769.8, 772.2, 774.6, 777.0, 779.4, 781.8, 784.2, 786.6, 789.0, 791.4, 793.8, 796.2, 798.6, 801.0, 803.4, 805.8, 808.2, 810.6, 813.0, 815.4, 817.8, 820.2, 822.6, 825.0, 827.4, 829.8, 832.2, 834.6, 837.0, 839.4, 841.8, 844.2, 846.6, 849.0, 851.4, 853.8, 856.2, 858.6, 861.0, 863.4, 865.8, 868.2, 870.6, 873.0, 875.4, 877.8, 880.2, 882.6, 885.0, 887.4, 889.8, 892.2, 894.6, 897.0, 899.4, 901.8, 904.2, 906.6, 909.0, 911.4, 913.8, 916.2, 918.6, 921.0, 923.4, 925.8, 928.2, 930.6, 933.0, 935.4, 937.8, 940.2, 942.6, 945.0, 947.4, 949.8, 952.2, 954.6, 957.0, 959.4, 961.8, 964.2, 966.6, 969.0, 971.4, 973.8, 976.2, 978.6, 981.0, 983.4, 985.8, 988.2, 990.6, 993.0, 995.4, 997.8, 1000.2



9.0" Radius, 1.5" Border, Black on Orange;
 [NORTH] D 2K 60% spacing; [EAST] D 2K 60% spacing;
 [CLOSED AT I-64] D 2K 60% spacing;
 [FOLLOW DETOUR] D 2K 60% spacing;
 Table of widths and spaces.

11.1	N	5.5	1.0	O	5.7	1.1	R	5.4	0.4	T	4.9	0.8	H	5.4			
12.3	E	5.0	0.4	A	6.8	0.4	S	5.4	0.4	T	5.0	13.0					
14.2	24.0	15.1	24.0	12.7													
6.7	C	5.4	1.1	L	4.9	0.7	O	5.6	0.8	S	5.4	0.8	E	5.0	0.8	D	5.4
4.8	A	6.8	0.3	T	5.0	4.8	I	1.3	0.7	2.8	0.6	5.5	0.5	4	6.0	8.3	
5.2	F	5.0	0.6	O	5.7	1.0	L	5.0	0.7	L	5.0	0.6	O	5.7	0.6	W	7.1
4.8	D	5.5	1.0	E	5.0	0.4	T	4.9	0.6	5.7	1.1	5.4	1.2	R	5.4	6.8	

6.0" Radius, 1.3" Border, Black on Orange;
 [SOUTH] D 2K 60% spacing; [WEST] D 2K 60% spacing;
 [CLOSED AT IL 203] D 2K 40% spacing;
 [FOLLOW DETOUR] D 2K 60% spacing;
 Table of widths and spaces.

8.6	S	5.4	0.7	O	5.7	1.1	U	5.4	0.7	T	5.0	0.7	H	5.5				
17.0	W	7.1	0.7	E	5.0	0.4	S	5.5	0.4	4.9	10.2							
11.7	24.0	20.1	24.0	10.2														
3.6	C	5.4	0.7	L	5.0	0.4	O	5.7	0.5	S	5.4	0.5	E	5.0	0.5	D	5.5	
3.2	A	6.8	0.2	T	4.9	3.2	I	1.3	0.8	4.9	3.2	5.5	0.6	O	5.7	0.9	5.4	5.2
5.2	F	5.0	0.6	O	5.7	1.0	L	5.0	0.7	L	5.0	0.6	O	5.7	0.6	W	7.1	
4.8	D	5.5	1.0	E	5.0	0.4	T	4.9	0.6	5.7	1.1	5.4	1.2	R	5.4	6.8		

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pe_work\PI\DOT\docs\oper\08149132\080ve	all-88-sht-staging08.dgn	DRAWN	REVISED			TO		ST. CLAIR	236	74	
PLOT SCALE	1" = 600.0000'	CHECKED	REVISED			SCALE	SHEET NO. 11 OF 15 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE	10/6/2009	DATE	REVISED							CONTRACT NO. 76C55	

CHANGEABLE MESSAGE SIGN MESSAGES

CMS A (I-64 @ 15TH ST)

MESSAGE 1

DETOUR__
70W____

MESSAGE 2

2 LEFT__
LANES__

CMS F (1 MILE BEFORE DMS 5 ON I-55)

MESSAGE 1

SB I-55__
CLOSED__
AHEAD__

MESSAGE 2

USE 255S
TO 55S__
IN MO__

CMS B (I-64 EB @ 255)

MESSAGE 1

DETOUR__
55N 70E__

MESSAGE 2

EXIT 7__
TO____
I255 NB__

CMS G (1 MILE BEFORE DMS 6 ON I-70)

MESSAGE 1

WB I-70__
CLOSED__
AHEAD__

MESSAGE 2

USE 255S
TO____
I-64WB__

CMS C (I-255 SB @ I-64)

MESSAGE 1

DETOUR__
55S USE__
255SB__

MESSAGE 2

70W USE__
EXIT 20__
I-64WB__

CMS D (I-255 NB @ I-55/70)

MESSAGE 1

DETOUR__
55N 70E__

MESSAGE 2

USE____
EXIT 25A
AHEAD__

CMS E (I-255 SB @ I55-70)

MESSAGE 1

55S 70W__
CLOSED__
AT IL203

MESSAGE 2

DETOUR__
REMAIN__
ON 255S

FILE NAME *	USER NAME * Fregr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pe_work\PIWIDOT\vd8oper\vd8149132\080ve	all-88-shr-staging88.dgn	DRAWN -	REVISED -					ST CLAIR	236	79	
	PLOT SCALE * 600.0000 "/ IN.	CHECKED -	REVISED -			SCALE:	SHEET NO. 12 OF 15 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE * 10/6/2009	DATE -	REVISED -			CONTRACT NO. 76C55					

DYNAMIC MESSAGE SIGN MESSAGES

DMS #1 (I-64 AND BUNKUM RD)

MESSAGE 1

EB I-55/70 CLOSED AT I-64
7 MILES AHEAD
I-64 ALL LANES OPEN

DMS #8 (I-55/70 BEFORE 203)

MESSAGE 1

WB 55/70 CLOSED
ALL MUST EXIT
USE EXIT 4A

DMS #2 (I-55 AND IL 157)

MESSAGE 1

WB I-55/70 CLOSED @ IL203
FOLLOW MARKED DETOUR
I-255S TO I-64W

DMS #10 (I-55 NB AT I-255)

MESSAGE 1

NB I-55 CLOSED AT I-64
15 MI AHEAD NEAR DOWNTOWN
IN ILLINOIS

MESSAGE 2

NB I-55 THROUGH TRAFFIC
USE EXIT 196A I-255NB
TO I-55N IN ILLINOIS

DMS #4 (I-55/64/70) @ 4TH)

MESSAGE 1

EB I-55/70 CLOSED AT I-64
FOLLOW MARKED DETOUR
I-64E TO I-255N

DMS #5 (3-I AND I-55)

MESSAGE 1

SB I-55 CLOSED AT IL 203
16 MI AHEAD NEAR DOWNTOWN
FOLLOW MARKED DETOUR

MESSAGE 2

SB I-55 THROUGH TRAFFIC
USE I-255 SB TO I-55 SB
IN MISSOURI

DMS #6 (3-I AND I-70)

MESSAGE 1

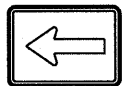
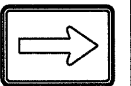










WB I-70 CLOSED AT IL203
16 MI AHEAD NEAR DOWNTOWN
FOLLOW MARKED DETOUR

MESSAGE 2




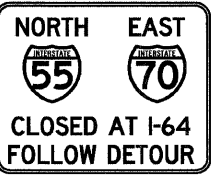
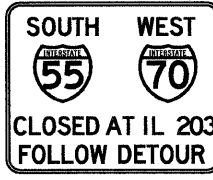



WB I-70 THROUGH TRAFFIC
USE I-270 WB TO I-70 WB
IN MISSOURI

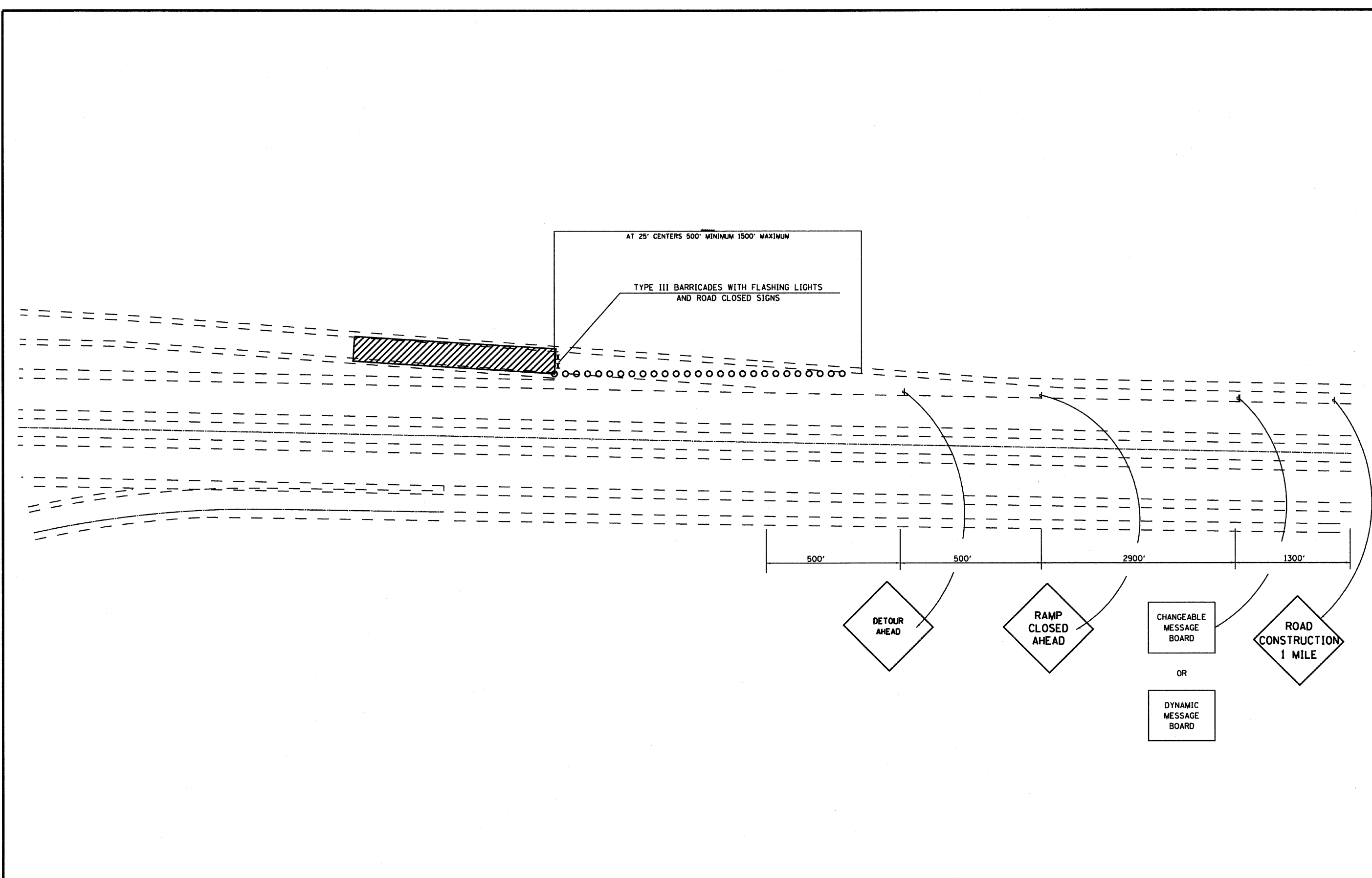
FILE NAME *	USER NAME * Frejtr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pe...ork\PIWIDOT\d8oper\d8149132\080ve	all-08-ahc-staging88.dgn	DRAWN -	REVISED -			ST CLAIR	236	76		
PLOT SCALE * 600.0000 "/ IN.	CHECKED -	REVISED -	CONTRACT NO. 76C55							
PLOT DATE * 10/6/2009	DATE -	REVISED -	SCALE: SHEET NO. 13 OF 15 SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

DETOUR SIGN SCHEDULE
ALL SIGNS SHALL BE PROVIDED BY CONTRACTOR

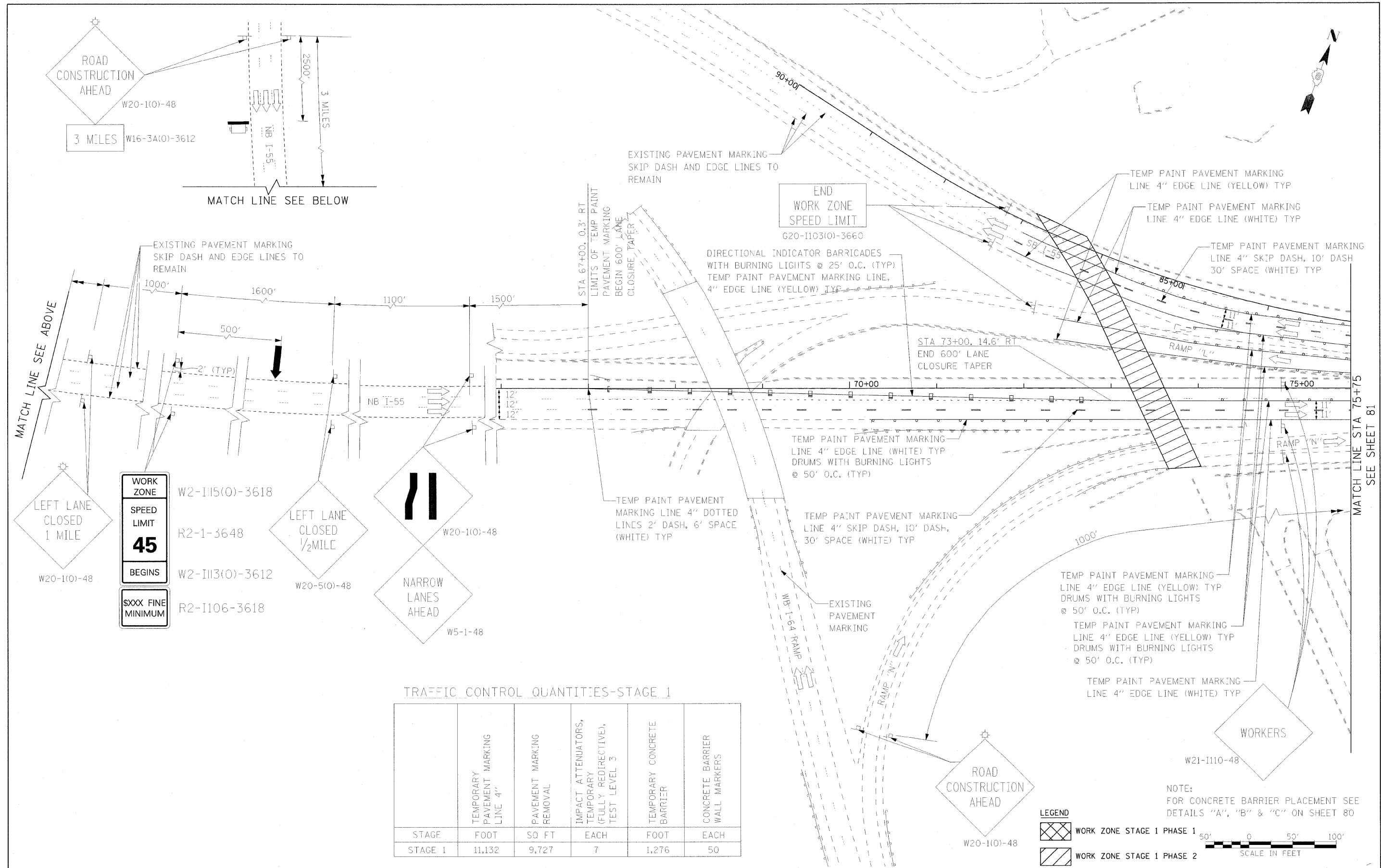
												
SHEET #	ARROW LT	ARROW RT	ARROW DIAGONAL RT	ARROW DIAGONAL LT	ARROW UP	DETOUR	WEST	EAST	SOUTH	NORTH	I-55	I-70
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	2	2	1	5	2	3	-	3	3	5
3	-	-	4	1	-	5	5	-	5	-	5	5
4	1	1	-	-	1	3	3	-	3	-	3	3
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	8	2	2	12	10	2	10	2	12	12
7	-	-	8	1	4	9	4	5	4	5	9	9
8	-	-	4	4	-	8	-	8	-	8	8	8
9	-	-	4	-	-	4	-	-	-	4	4	-
TOTAL	1	1	30	10	8	46	24	18	22	22	44	42

DETOUR SIGN SCHEDULE
ALL SIGNS SHALL BE PROVIDED BY CONTRACTOR

								
SHEET #	RAMP CLOSED AHEAD	DETOUR AHEAD	CMS	N55 E70 CLOSED	S55 W70 CLOSED	ALL TRAFFIC MUST EXIT	END	ROAD CLOSED
1	-	-	2	-	-	-	-	-
2	2	5	1	3	-	-	2	3
3	-	4	-	-	2	2	-	3
4	-	2	-	-	2	-	-	-
5	-	-	-	-	1	-	-	-
6	-	4	2	-	-	-	2	-
7	-	-	2	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
TOTAL	2	15	7	3	5	2	4	6



FILE NAME *	USER NAME * freytr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE WEEKEND CLOSURE, SPECIAL TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pe_work\PI\DOT\vd8oper\vd8149132\080ve	all-89-shr-staging88.dgn	DRAWN -	REVISED -			ST CLAIR	236	78		
	PLOT SCALE * 600.0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76C55				
	PLOT DATE * 10/6/2009	DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				SCALE:	SHEET NO. 15 OF 15 SHEETS	STA.	TO STA.			



WORK ZONE
SPEED LIMIT
45
BEGINS
SXXX FINE MINIMUM

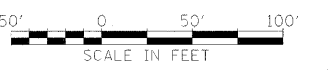
TRAFFIC CONTROL QUANTITIES-STAGE 1

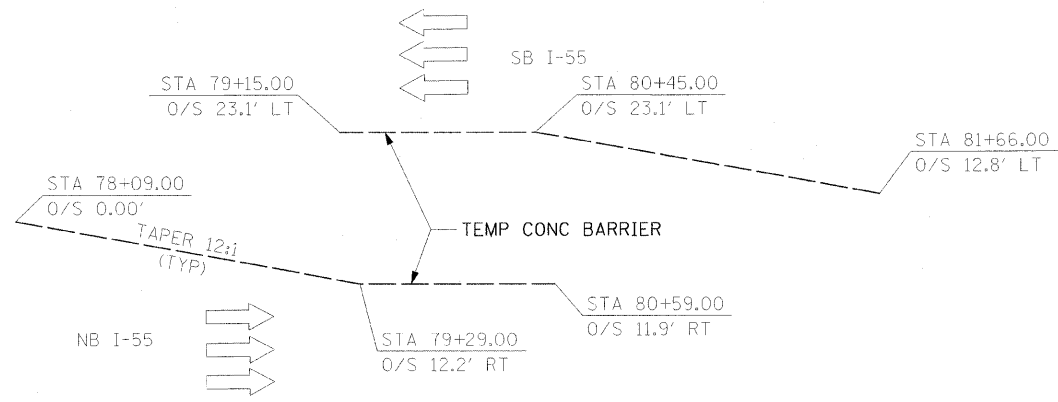
	TEMPORARY PAVEMENT MARKING LINE 4"	PAVEMENT MARKING REMOVAL	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 3	TEMPORARY CONCRETE BARRIER	CONCRETE BARRIER WALL MARKERS
STAGE	FOOT	SQ FT	EACH	FOOT	EACH
STAGE 1	11,132	9,727	7	1,276	50

LEGEND

- WORK ZONE STAGE 1 PHASE 1
- WORK ZONE STAGE 1 PHASE 2

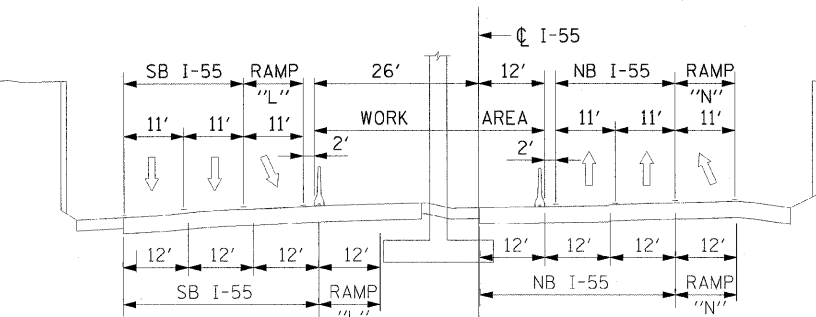
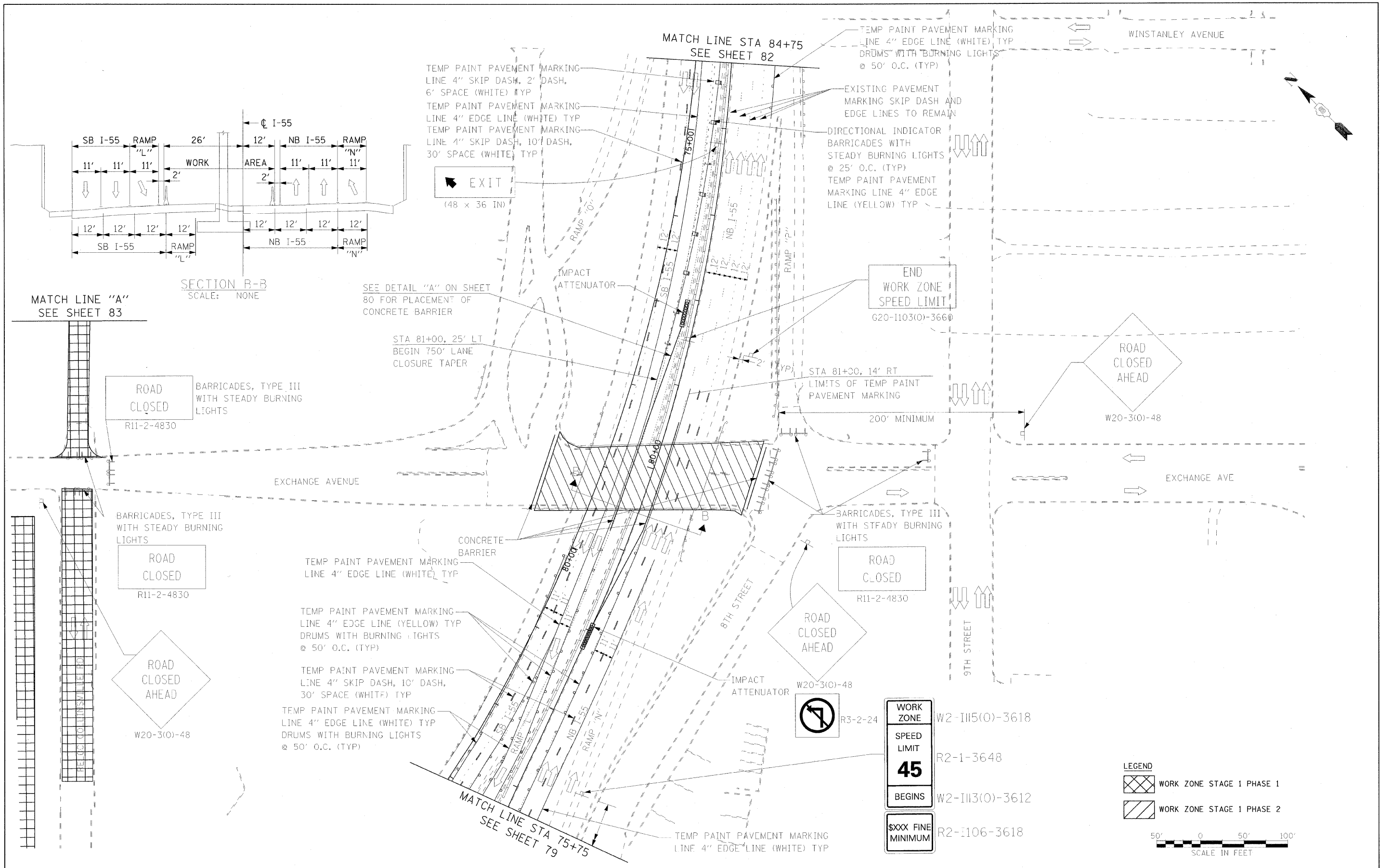
NOTE:
 FOR CONCRETE BARRIER PLACEMENT SEE DETAILS "A", "B" & "C" ON SHEET 80





DETAIL "A"

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = \$USER\$	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	\$FILE\$		DRAWN - KNW	REVISED -		70	82-2-1HB	ST. CLAIR	236	80		
		PLOT SCALE = \$SCALE\$	CHECKED - DRH	REVISED -		SCALE: NONE SHEET NO. 2 OF 5 SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C55		
		PLOT DATE = \$DATE\$	DATE - OCTOBER 9, 2009	REVISED -								



MATCH LINE "A"
SEE SHEET 83

SEE DETAIL "A" ON SHEET 80 FOR PLACEMENT OF CONCRETE BARRIER

STA 81+00, 25' LT
BEGIN 750' LANE CLOSURE TAPER

STA 81+30, 14' RT
LIMITS OF TEMP PAINT PAVEMENT MARKING

ROAD CLOSED
R11-2-4830
BARRICADES, TYPE III WITH STEADY BURNING LIGHTS

ROAD CLOSED
R11-2-4830
BARRICADES, TYPE III WITH STEADY BURNING LIGHTS

ROAD CLOSED AHEAD
W20-3(0)-48

END WORK ZONE SPEED LIMIT
G20-1103(0)-3660

ROAD CLOSED
R11-2-4830
BARRICADES, TYPE III WITH STEADY BURNING LIGHTS

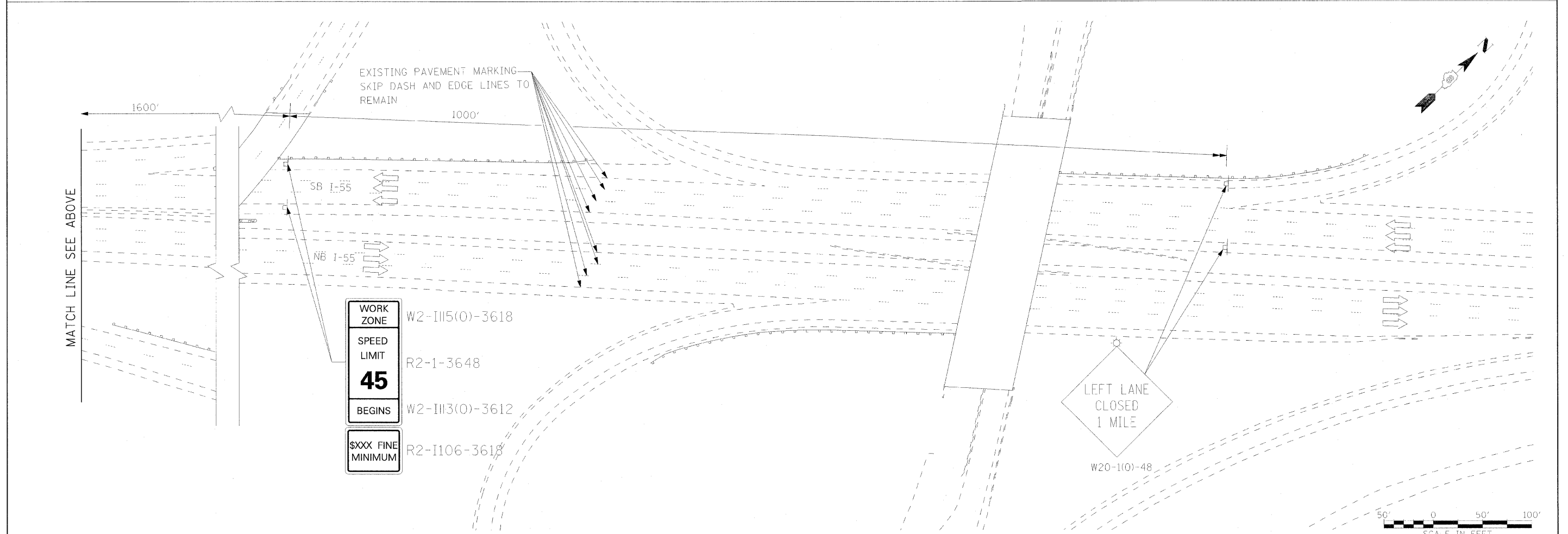
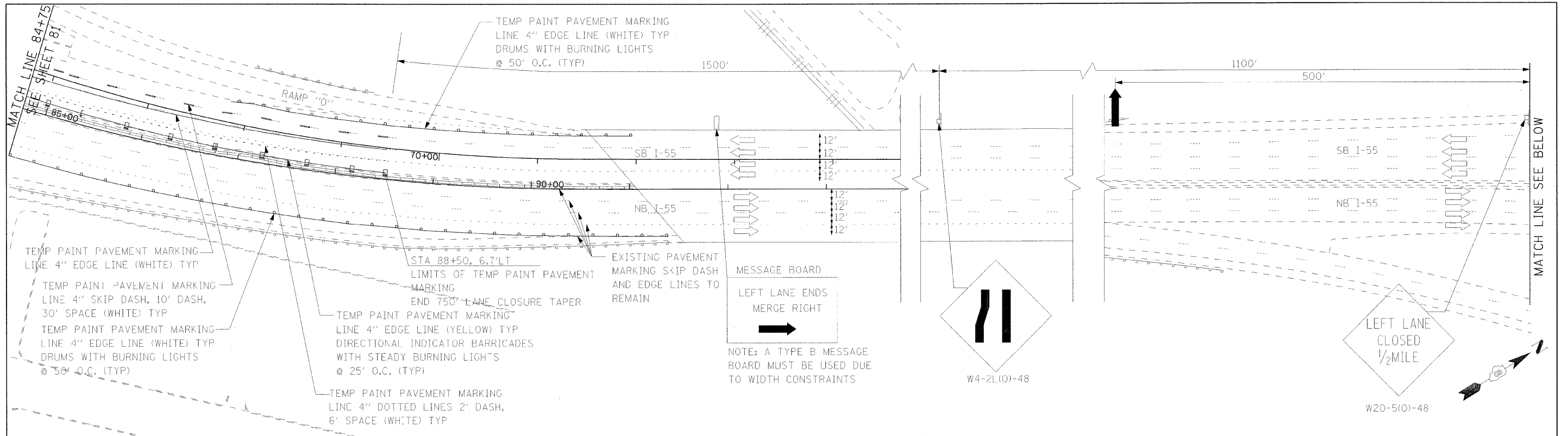
ROAD CLOSED AHEAD
W20-3(0)-48
R3-2-24

WORK ZONE W2-1115(0)-3618
SPEED LIMIT R2-1-3648
BEGINS W2-1113(0)-3612
\$XXX FINE MINIMUM R2-1106-3618

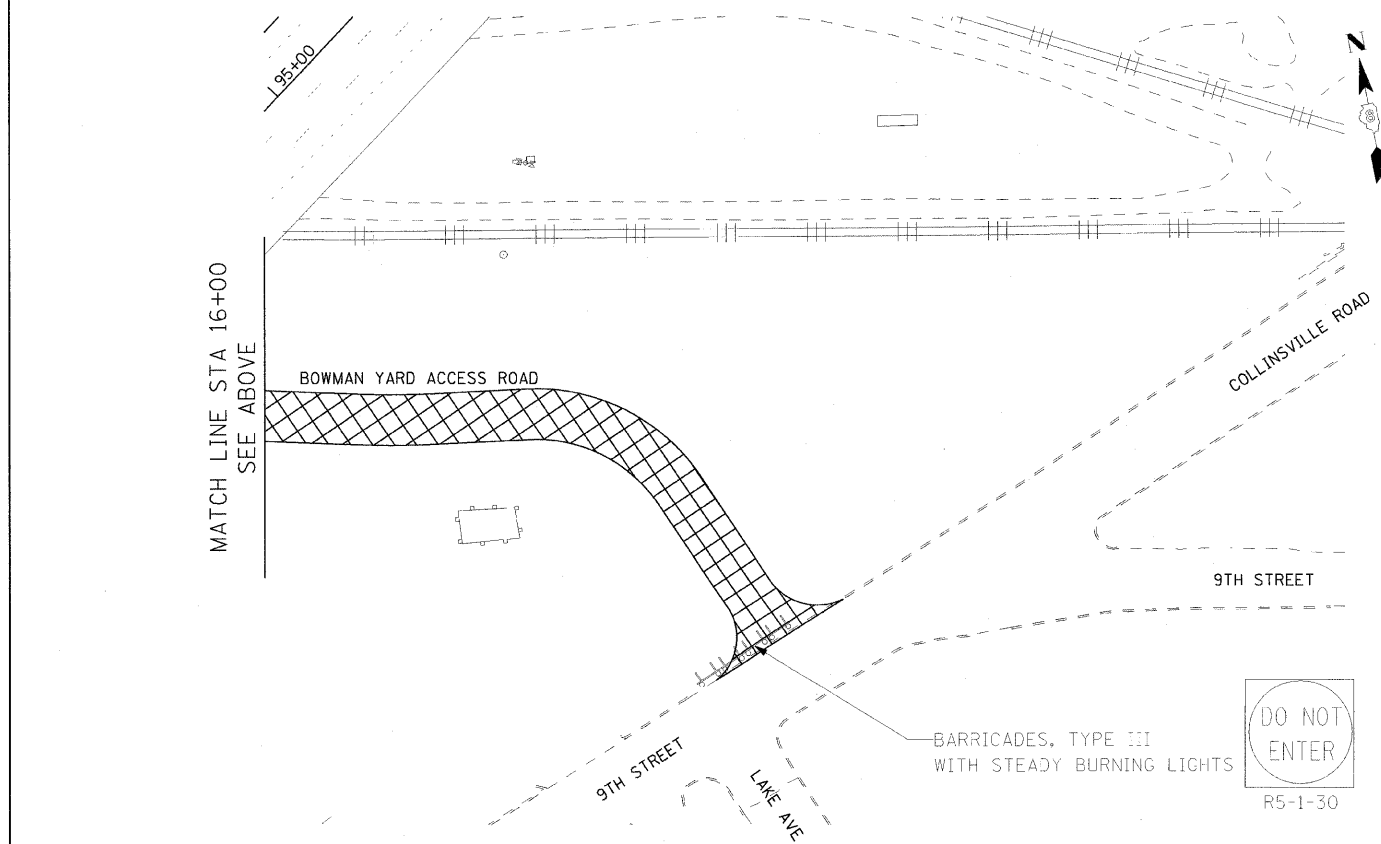
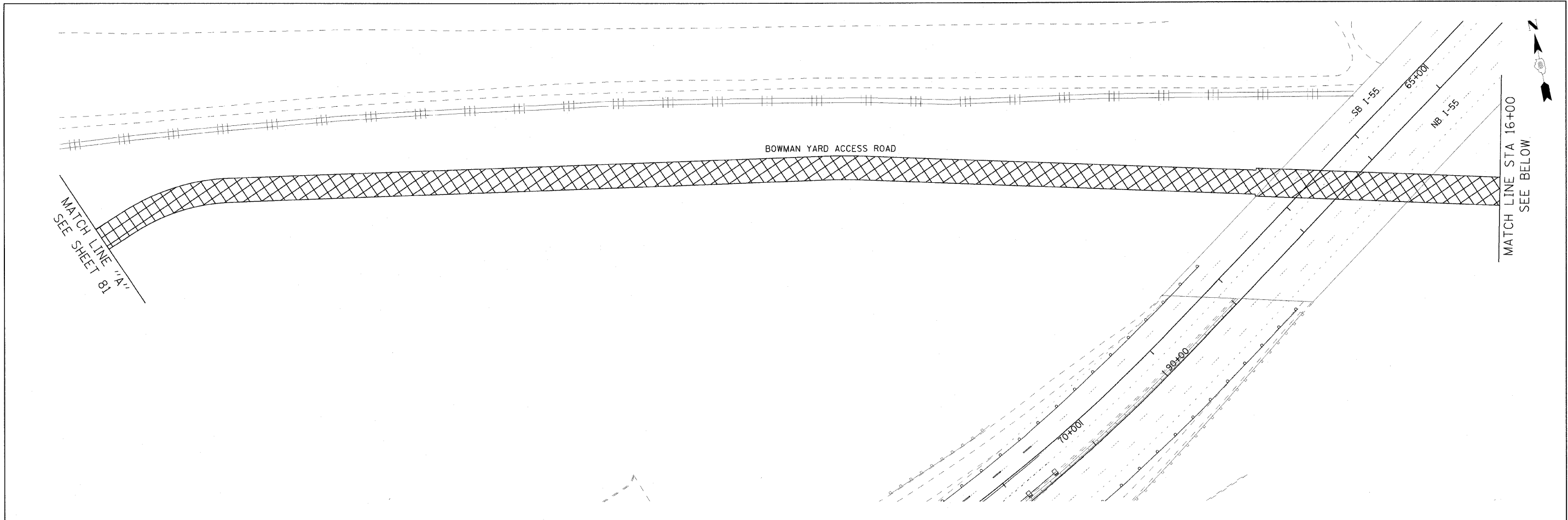
LEGEND
 WORK ZONE STAGE 1 PHASE 1
 WORK ZONE STAGE 1 PHASE 2

SCALE IN FEET
0 50 100

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1			F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 81	
	#FILE#		DRAWN - KNW	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55			
			CHECKED - DRH	REVISED -										
			PLOT DATE = #DATE#	DATE - OCTOBER 9, 2009		REVISED -								



\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1		F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 82
	#FILEL		DRAWN - KNW	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55		
	PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -								
	PLOT DATE = #DATE#		DATE - OCTOBER 9, 2009	REVISED -								



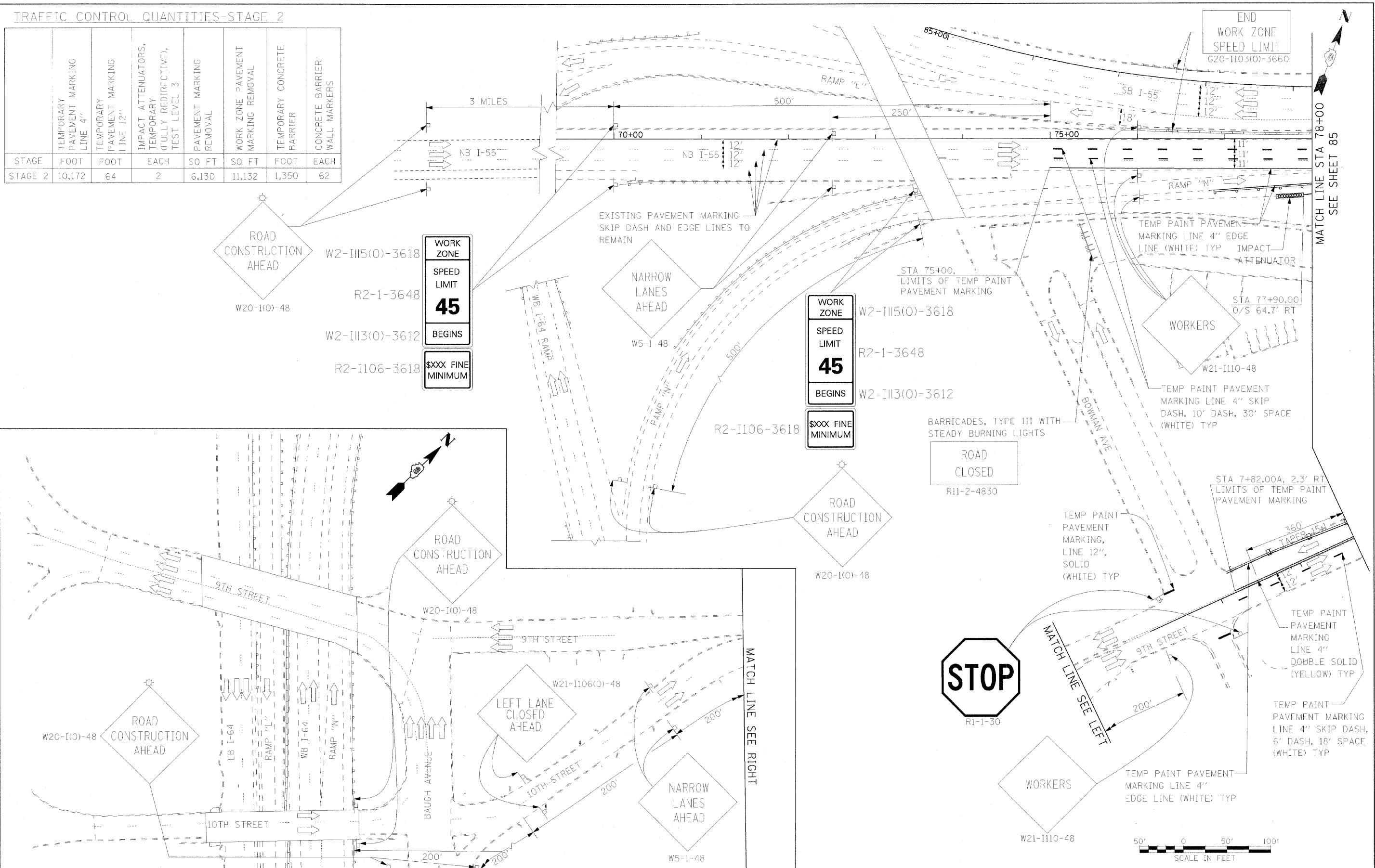
LEGEND

	WORK ZONE STAGE 1 PHASE 1
	WORK ZONE STAGE 1 PHASE 2

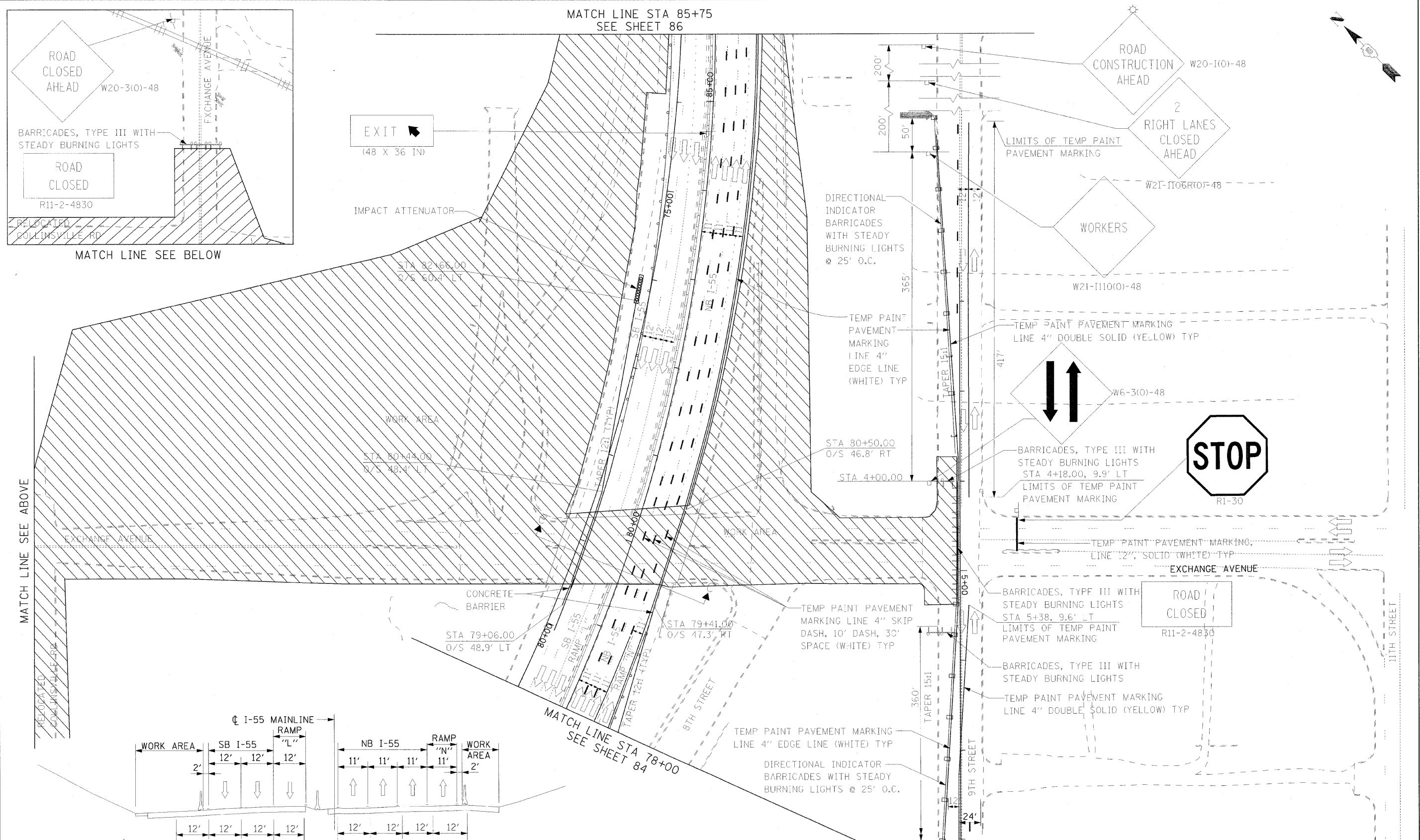
#DATE# #TIME# #FILE#	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	#FILE#		DRAWN - KNW	REVISED -		70	82-2-1HB	ST. CLAIR	236	83		
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -	SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C55				
PLOT DATE = #DATE#		DATE - OCTOBER 9, 2009	REVISED -									

TRAFFIC CONTROL QUANTITIES-STAGE 2

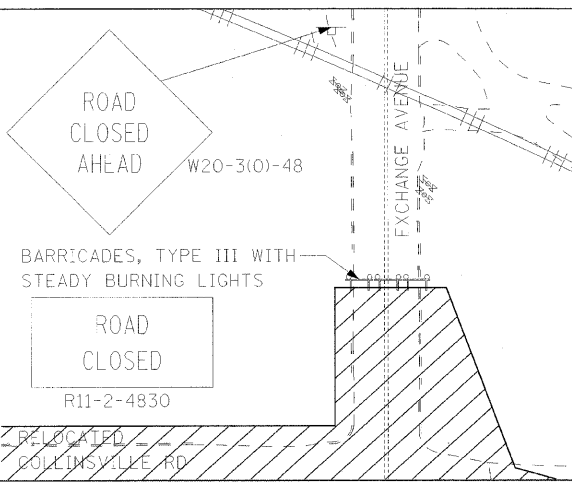
	TEMPORARY PAVEMENT MARKING LINE 4"	TEMPORARY PAVEMENT MARKING LINE 12"	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 3	PAVEMENT MARKING REMOVAL	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	CONCRETE BARRIER WALL MARKERS
STAGE	FOOT	FOOT	EACH	SO FT	SO FT	FOOT	EACH
STAGE 2	10,172	64	2	6,130	11,132	1,350	62



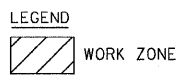
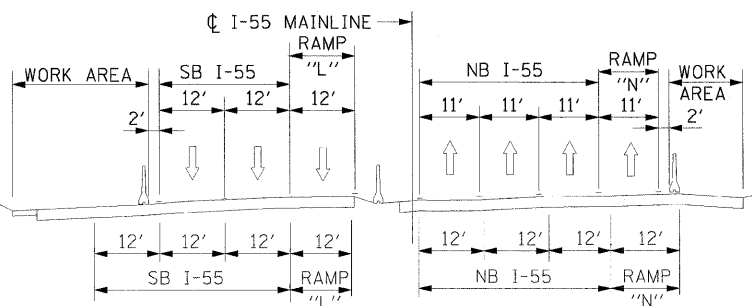
MATCH LINE STA 85+75
SEE SHEET 86



MATCH LINE SEE ABOVE



MATCH LINE SEE BELOW



FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -
FILE#		DRAWN - KNW	REVISED -
PLOT SCALE = #SCALE#		CHECKED - DRH	REVISED -
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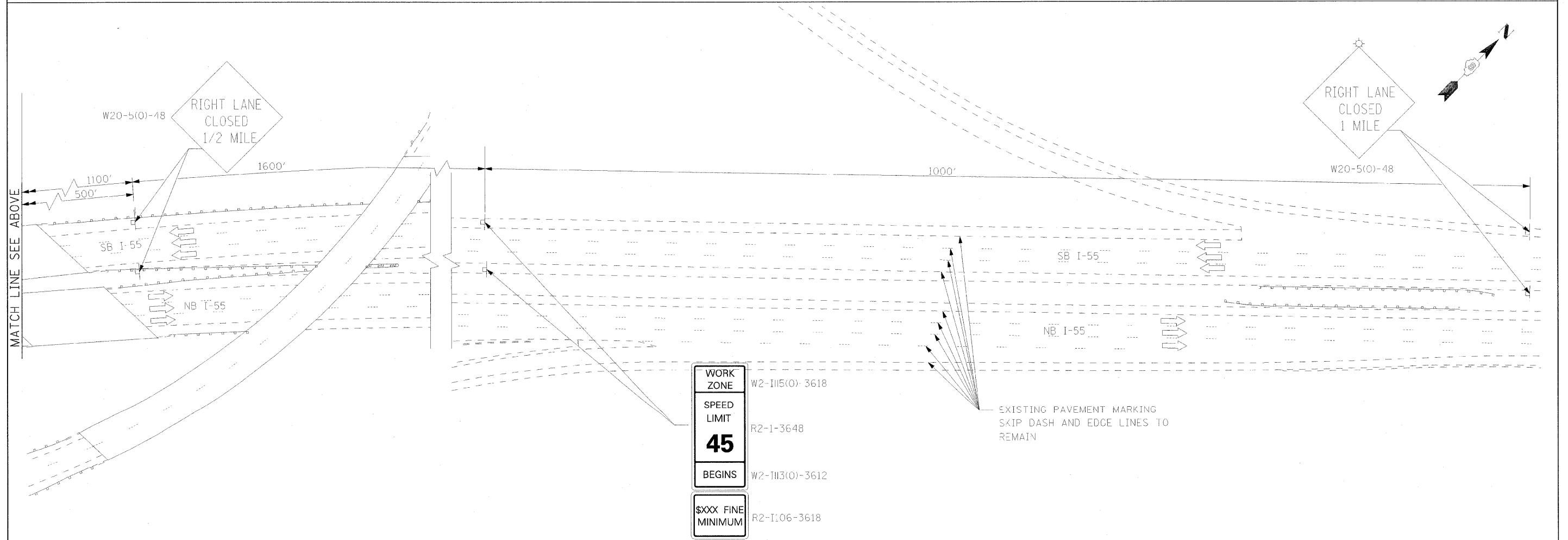
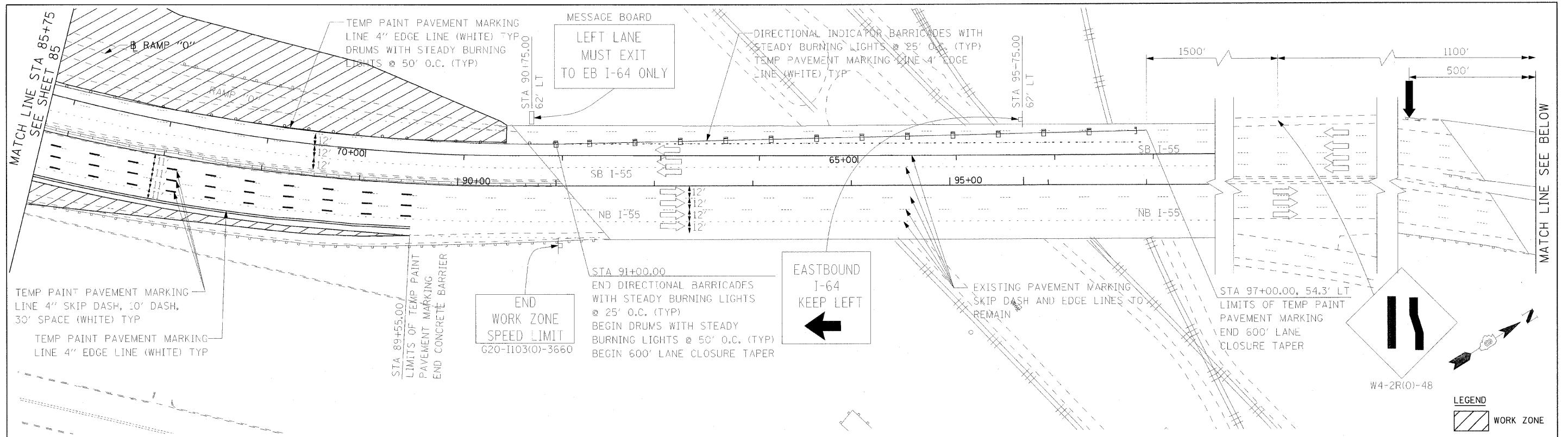
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF
CONSTRUCTION AND TRAFFIC
CONTROL - STAGE 2**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
70	82-2-1HB	ST. CLAIR	236 85
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55

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

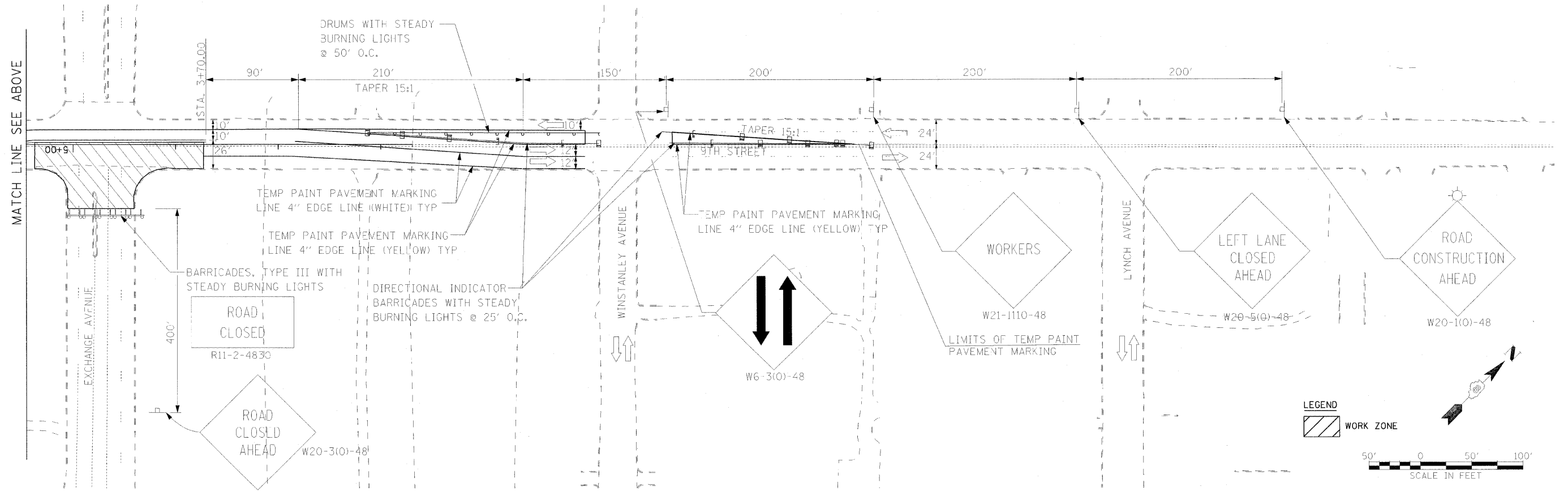
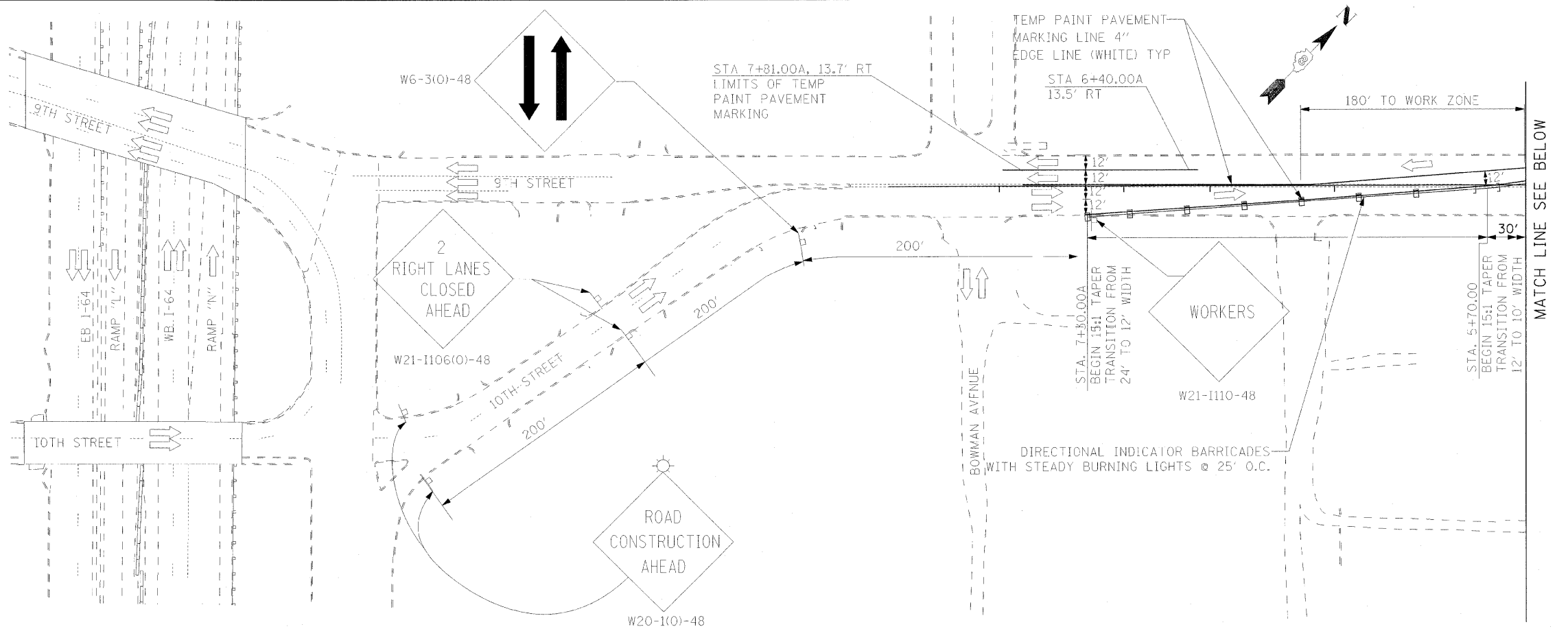
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\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET
	#FILEL	DRAWN - KNW	REVISED -			TO	82-2-1HB	ST. CLAIR	236	86
	PLOT SCALE = \$SCALE\$	CHECKED - DRH	REVISED -			CONTRACT NO. 76C55				
	PLOT DATE = \$DATE\$	DATE - OCTOBER 9, 2009	REVISED -			SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL
QUANTITIES - STAGE 3

STAGE	FOOT	SQ FT
STAGE 3	2,600	2,148



LEGEND



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

DESIGNED - RRV
DRAWN - KNW
CHECKED - DRH
DATE - OCTOBER 9, 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF
CONSTRUCTION AND TRAFFIC
CONTROL - STAGE 3
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET
70	82-2-IHB	ST. CLAIR	236	87
CONTRACT NO. 76C55				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE
 PRINT NAME
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER
 TITLE
 IL DEPT. OF TRANSPORTATION
 AGENCY

Mary C. Lamie
 SIGNATURE
 10-22-09
 DATE

1. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF 0.23 MILES OF EXCHANGE AVE, SPECIFICALLY EXCHANGE AVE OVER I-55/I-70.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE THE REMOVAL AND THE REPLACEMENT OF THE EXCHANGE AVE BRIDGE OVER I-55/I-70, ROADWAY CONSTRUCTION, RAMP CONSTRUCTION, STORM SEWER AND DRAINAGE STRUCTURES, COMBINATION CONCRETE CURB AND GUTTER, PAVEMENT MARKING, LANDSCAPING AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

STAGE 1: CONSTRUCT CSX ACCESS ROAD, BOWMAN YARD ACCESS ROAD, BOWMAN YARD, AND 7TH STREET. DEMOLISH EXISTING EXCHANGE AVE, BRIDGE AND ABUTMENTS.

STAGE 2: CONSTRUCT EXCHANGE AVE, INCLUDING THE BRIDGE, DEMOLISH RAMP "P", DEMOLISH EXISTING RAMP "O", CONSTRUCT RAMP "O", CONSTRUCT WALL "E".

STAGE 3: CONSTRUCT 9TH STREET, REMOVE THE BOWMAN YARD ACCESS ROAD TIE TO EXCHANGE.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 41.2 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 14.33 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.4

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIIVITY:

THERE ARE NO SOIL BORINGS IN THE IMMEDIATE AREA OF THE SITE. THE NRCS SOILS DATA AVAILABLE LISTS THE AREA AS "URBAN LAND" AND THEREFORE PROVIDES NO SOILS CHARACTERISTICS. HISTORICAL DATA FROM THE I-55 BRIDGE OVER THE RAILROAD WERE USED TO ESTIMATE THE TYPE OF SOIL IN THE AREA. THE PREDOMINANT SOIL IN THE TOP LAYER OF THOSE BORINGS WAS GREY SILTY CLAY WITH FINE SANDS. HYDROLOGIC GROUP C WAS USED FOR DESIGN OF THE DRAINAGE.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIIVE AREAS ASSOCIATED WITH THIS PROJECT:

THERE ARE NO KNOWN POTENTIALLY CRITICAL EROSIIVE AREAS.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSIIVE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO REMOVE AND REPLACE THE EXCHANGE AVE BRIDGE OVER I-55/I-70, THE RECONSTRUCTION OF THE APPROACH SLABS, RECONSTRUCTION OF RAMP AND THE REGRADING OF THE ROADSIDE DRAINAGE FEATURES. PROPOSED RIGHT-OF-WAY WILL BE REQUIRED TO ACCOMMODATE RECONSTRUCTION OF RAMP "O" AND INFIELD DETENTION. A PORTION OF THE PROPOSED RIGHT-OF-WAY IN THE RAMP "O" INFIELD WILL BE DEDICATED FOR FLOODWAY COMPENSATORY STORAGE. THERE ARE NO SCHEDULED NEIGHBORING ACTIVITIES THAT WILL AFFECT THE SOIL EROSION AND SEDIMENT CONTROL PLANS AND NO OFF-SITE LAND DISTURBING ACTIVITIES.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

CAHOKIA CREEK

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- SOLID WASTE DEBRIS
- PAINTS
- SOLVENTS
- FERTILIZERS / PESTICIDES
- PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
- ANTIFREEZE / COOLANTS
- WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(a) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

2. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- PRESERVATION OF MATURE VEGETATION
- VEGETATED BUFFER STRIPS
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY TURF (SEEDING, CLASS 7)
- TEMPORARY MULCHING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- SODDING
- GEOTEXTILES
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

2. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.

3. EROSION CONTROL BLANKETS/MULCHING - EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES AND IN HIGH VELOCITY AREAS (I.E. DITCHES) THAT HAVE BEEN BROUGHT TO FINAL GRADE AND SEEDED TO PROTECT SLOPES FROM EROSION AND ALLOW SEEDS TO GERMINATE. MULCH, METHOD 2 WILL BE APPLIED IN RELATIVELY FLAT AREAS TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION.

MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

4. PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STORM DRAIN INLET PROTECTION
- SEDIMENT TRAP
- TEMPORARY PIPE SLOPE DRAIN
- TEMPORARY SEDIMENT BASIN
- TEMPORARY STREAM CROSSING
- STABILIZED CONSTRUCTION EXITS
- TURF REINFORCEMENT MATS
- PERMANENT CHECK DAMS
- PERMANENT SEDIMENT BASIN
- AGGREGATE DITCH
- PAVED DITCH
- ROCK OUTLET PROTECTION
- RIPRAP
- GABIONS
- SLOPE MATTRESS
- RETAINING WALLS
- SLOPE WALLS
- CONCRETE REVETMENT MATS
- LEVEL SPREADERS
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG THE LIMITS OF CONSTRUCTION IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

2. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

3. TEMPORARY DITCH CHECKS - DITCH CHECKS WILL BE PLACED IN SWALES WHERE RUNOFF VELOCITY IS HIGH. ALL STRUCTURAL PRACTICES ARE SHOWN IN DETAIL ON THE EROSION CONTROL PLANS.

TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1 FT. FALL/RISE IN DITCH GRADE.

TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCE WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT.

4. RIPRAP - STONE RIPRAP WITH FILTER FABRIC WILL BE USED AS PROTECTION AT THE DISCHARGE END OF ALL CULVERT END SECTIONS AND AS INLET/OUTLET PROTECTION TO PREVENT SCOURING AT THE END OF PIPES AND PREVENT DOWNSTREAM EROSION.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED - 4-20-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JMC	REVISED -					70	82-2-1HB	ST. CLAIR	236	88
		CHECKED - DRH	REVISED -					CONTRACT NO. 76C55				
		DATE - OCTOBER 21, 2009	REVISED -					SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:
STORMWATER DETENTION IS PROVIDED IN THE RAMP "0" INFIELD AREA.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (SHE WILL USE TO CONSTRUCT AND MAINTAIN THEM).

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPs SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPs MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (SHE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED).

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.
2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.
4. PROTECTION OF TREES/TEMPORARY TREE PROTECTION - ANY PROTECTIVE MEASURES WHICH ARE KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
5. DITCH CHECKS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAIL WILL BE REPAIRED OR REPLACED IMMEDIATELY.

ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTIFY THE APPROPRIATE I.E.P.A. FIELD OPERATIONS SECTION OFFICE BY EMAIL OF: epa.swmp@comp@illinois.gov, TELEPHONE OR FAX WITHIN 24 HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE INCIDENT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (SHE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:

1. CONTAINMENT
2. SPILL PREVENTION AND CONTROL
3. USE OF DRIP PANS AND ABSORBENTS
4. AUTOMATIC SHUT-OFF NOZZLES
5. TOPPING OFF RESTRICTIONS
6. LEAK INSPECTION AND REPAIR

F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

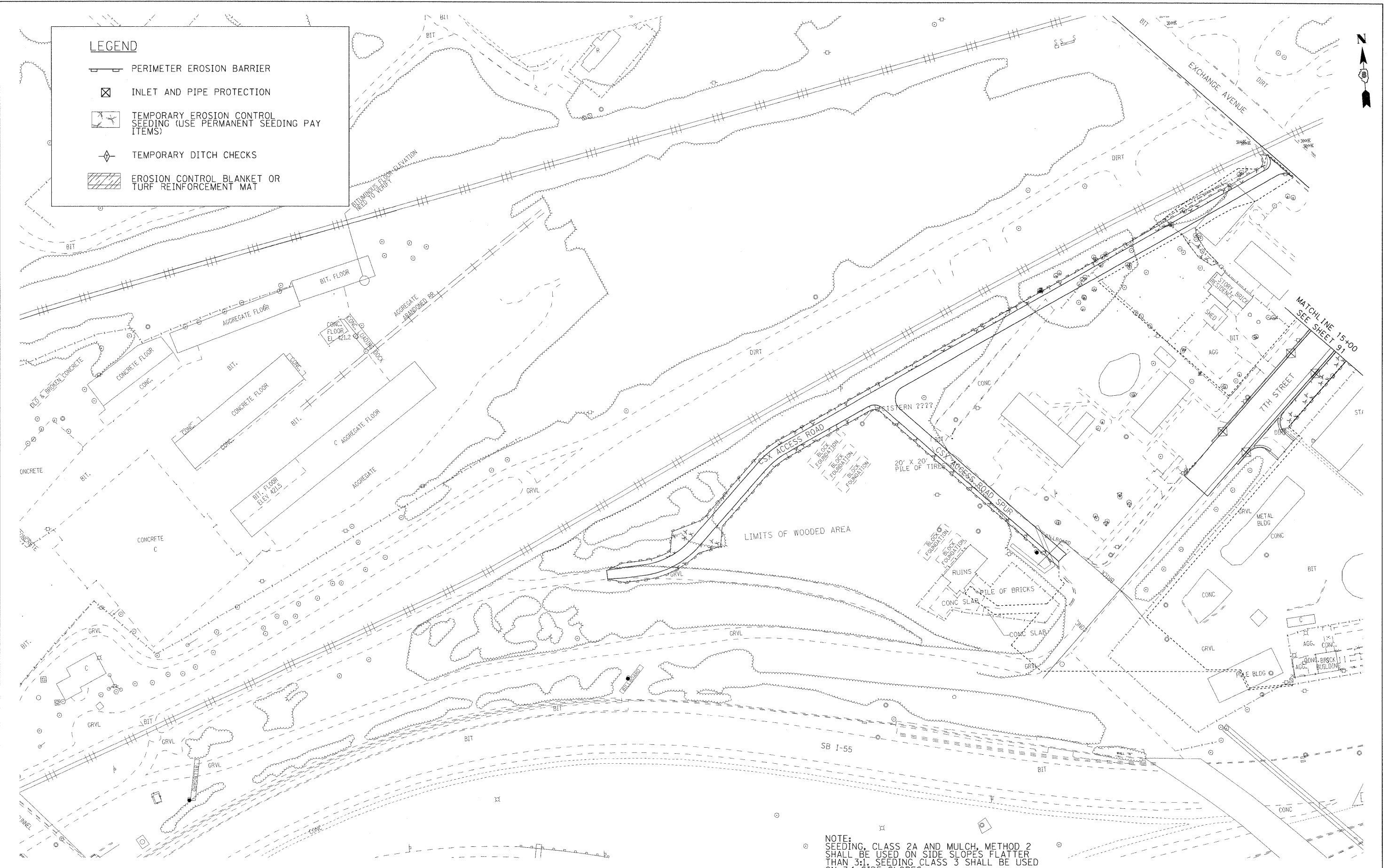
LEGEND	
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	TEMPORARY EROSION CONTROL SYMBOL METHOD D
	TEMPORARY DITCH CHECKS
	EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT

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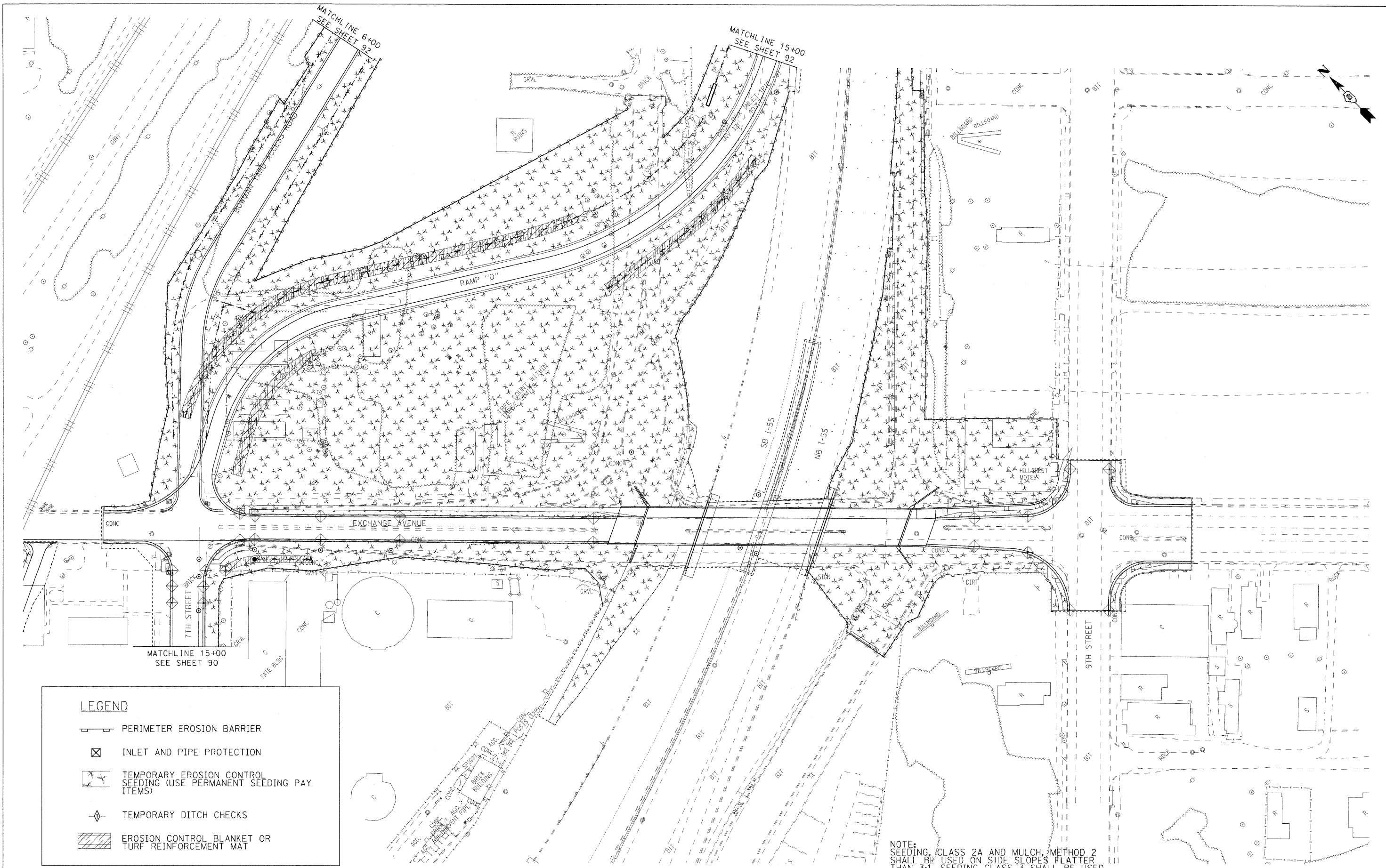
LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY EROSION CONTROL SEEDING (USE PERMANENT SEEDING PAY ITEMS)
- TEMPORARY DITCH CHECKS
- EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT








NOTE:
 SEEDING, CLASS 2A AND MULCH, METHOD 2 SHALL BE USED ON SIDE SLOPES FLATTER THAN 3:1. SEEDING CLASS 3 SHALL BE USED ON 3:1 SIDE SLOPES.

\$DATE\$ \$TIME\$ \$FILE\$	FILE NAME =	USER NAME = #USER#	DESIGNED - RRV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



LEGEND

-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  TEMPORARY EROSION CONTROL SEEDING (USE PERMANENT SEEDING PAY ITEMS)
-  TEMPORARY DITCH CHECKS
-  EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT

NOTE:
SEEDING, CLASS 2A AND MULCH, METHOD 2 SHALL BE USED ON SIDE SLOPES FLATTER THAN 3:1. SEEDING CLASS 3 SHALL BE USED ON 3:1 SIDE SLOPES.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

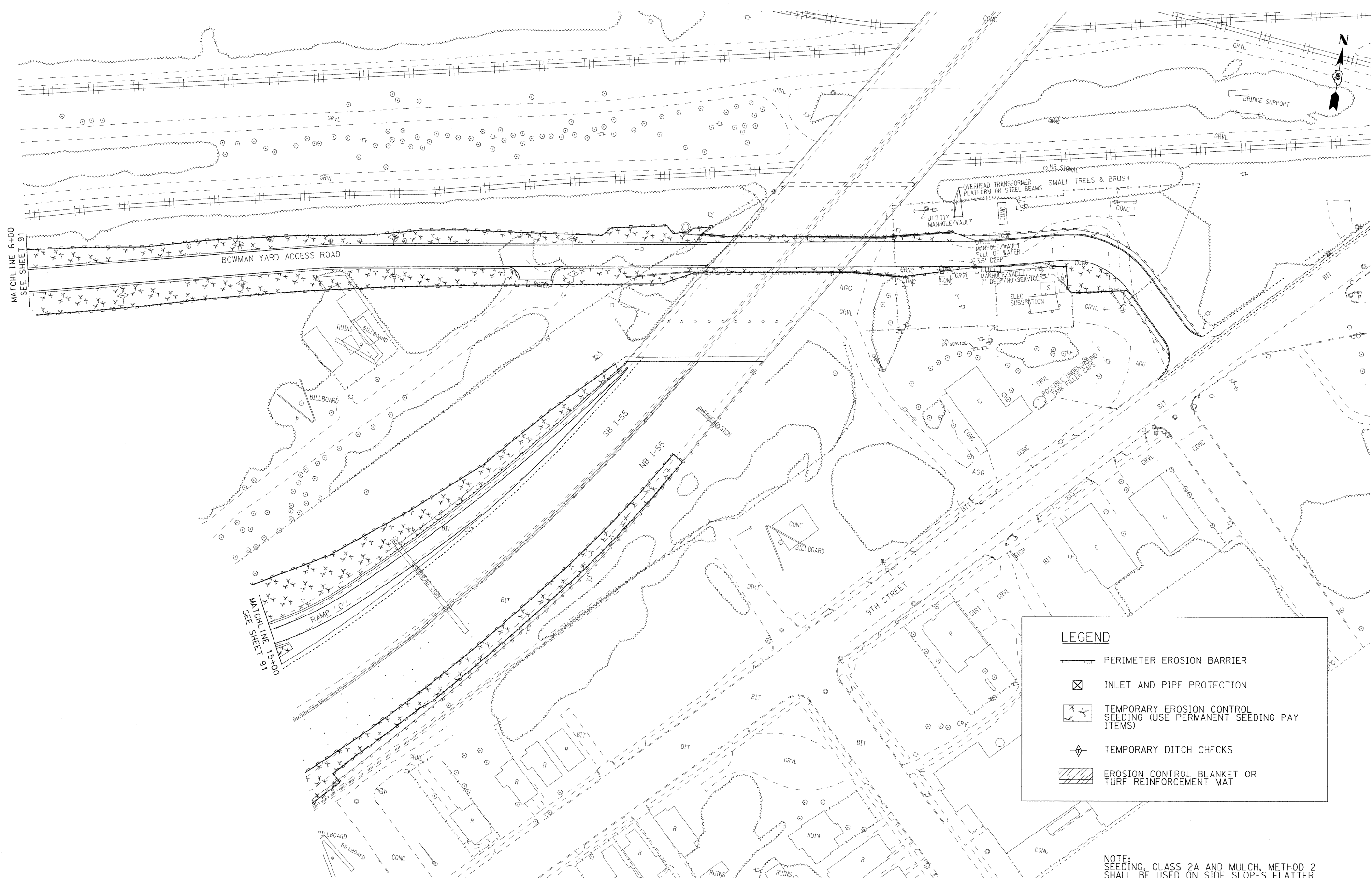
EROSION CONTROL PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76C55				

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MATCHLINE 6+00
SEE SHEET 91

MATCHLINE 1+51
SEE SHEET 91

LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY EROSION CONTROL SEEDING (USE PERMANENT SEEDING PAY ITEMS)
- TEMPORARY DITCH CHECKS
- EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT

NOTE:
SEEDING, CLASS 2A AND MULCH, METHOD 2
SHALL BE USED ON SIDE SLOPES FLATTER
THAN 3:1. SEEDING CLASS 3 SHALL BE USED
ON 3:1 SIDE SLOPES.

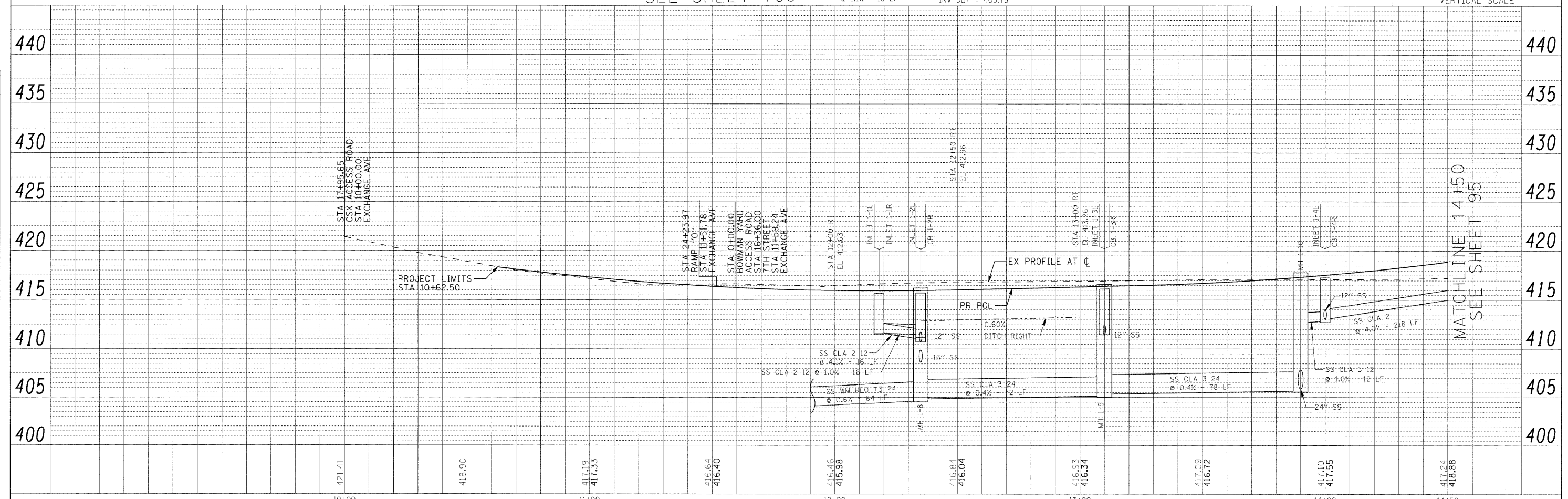
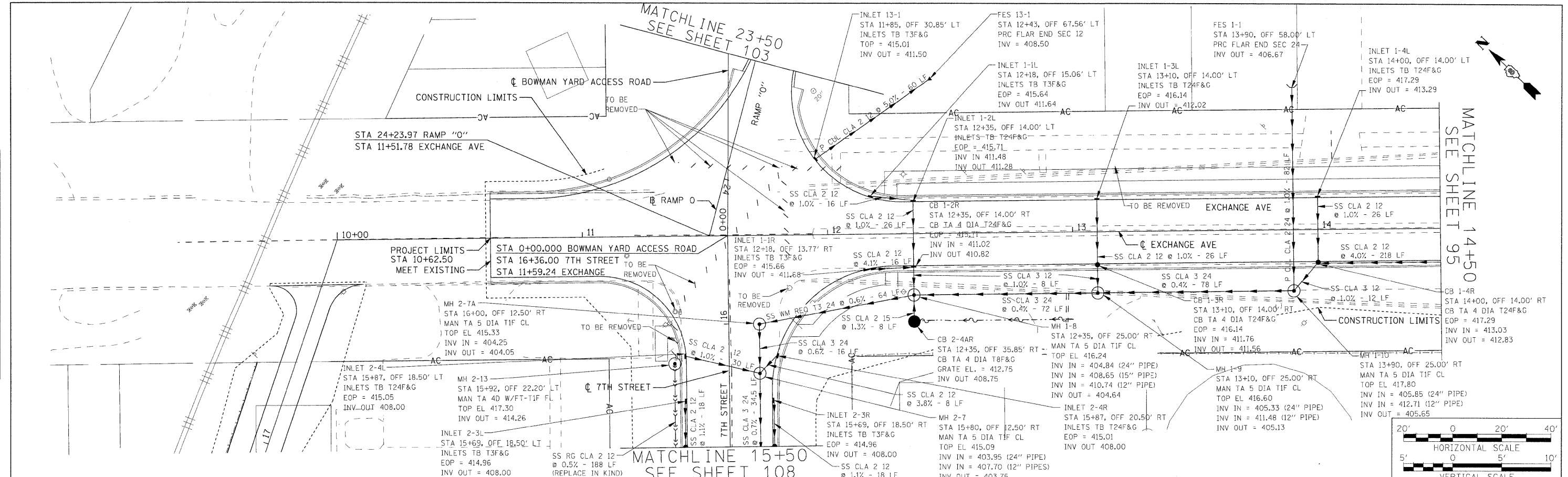
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						SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.			

EROSION CONTROL SCHEDULE						
LOCATION		TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET (TEMPORARY)	TURF REINFORCEMENT MAT (PERMANENT)
STATION / OFFSET		FOOT	EACH	FOOT	SQ YD	SQ YD
EXCHANGE						
12+18, 15.06' LT			X			
12+18, 13.77' RT			X			
12+35, 14.0' LT			X			
12+35, 14.0' RT			X			
13+10, 14.0' LT			X			
13+10, 14.0' RT			X			
14+00, 14.0' LT			X			
14+00, 14.0' RT			X			
16+20, 14.0' LT			X			
16+20, 14.0' RT			X			
20+53, 17.0' LT			X			
20+53, 17.0' RT			X			
21+14, 19.5' RT			X			
21+14, 22' RT			X			
12+00 RT	TO	13+00 RT			89	
LIMITS				1482		
RAMP "O"						
15+40, 40.0' RT		8				
16+00, 30.0' RT		8				
16+50, 30.0' RT		8				
16+50, 30.0' LT		8				
17+00, 45.0' LT		8				
17+00, 30.0' RT		8				
17+90, 33.0' RT		8				
17+90, 53.0' LT		8				
18+07, 35.9' RT			X			
19+00, 30.0' RT		8				
21+00, 30.0' RT		8				
21+40, 44.0' LT		8				
22+00, 44.0' LT		8				
22+50, 30.0' RT		8				
23+00, 44.0' LT		8				
15+00 LT	TO	18+00 LT			400	
18+22 RT	TO	19+00 RT				104
19+00 RT	TO	23+00 RT			533	
21+40 LT	TO	23+00 LT			213	
LIMITS, INCLUDING INFIELD				1592		
7TH AVE.						
13+45, 18.5' LT			X			
SUBTOTAL (1)		112	16	3074	1235	104

EROSION CONTROL SCHEDULE (CONT'D)						
LOCATION		TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET (TEMPORARY)	TURF REINFORCEMENT MAT (PERMANENT)
STATION / OFFSET		FOOT	EACH	FOOT	SQ YD	SQ YD
7TH AVE.						
13+45, 29.5' RT			X			
14+65, 18.5' LT			X			
14+65, 29.5' RT			X			
15+50, 18.5' LT			X			
15+50, 18.5' RT			X			
15+69, 18.5' LT			X			
15+69, 18.5' RT			X			
15+87, 18.5' LT			X			
15+87, 20.5' RT			X			
15+87, 43' RT			X			
9TH AVE.						
4+00, 23.0' RT			X			
4+00, 23.0' LT			X			
5+60, 23.0' RT			X			
5+60, 23.0' LT			X			
BOWMAN ACCESS						
3+00, 23.0' LT		8				
3+00, 23.0' RT		8				
5+00, 23.0' LT		8				
5+00, 23.0' RT		8				
7+00, 23.0' RT		8				
8+30, 23.0' LT		8				
8+30, 23.0' RT		8				
10+00, 23.0' LT		8				
10+00, 23.0' RT		8				
12+00, 23.0' LT		8				
12+00, 23.0' RT		8				
LIMITS					3687	
CSX ACCESS AND SPUR						
LIMITS					3068 ¹⁵⁷⁷	
RAMP P REMOVAL						
LIMITS					1926	
SUBTOTAL (2)		88	14	8681 ⁷¹⁹⁰	0	0
SUBTOTAL (1)		112	16	3074	1235	104
SUBTOTAL (2)		88	14	8681 ⁷¹⁹⁰	0	0
TOTAL		200	30	11755 ¹⁰²⁶⁴	1235	104

REVISION	DATE

PROFILE	DATE



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

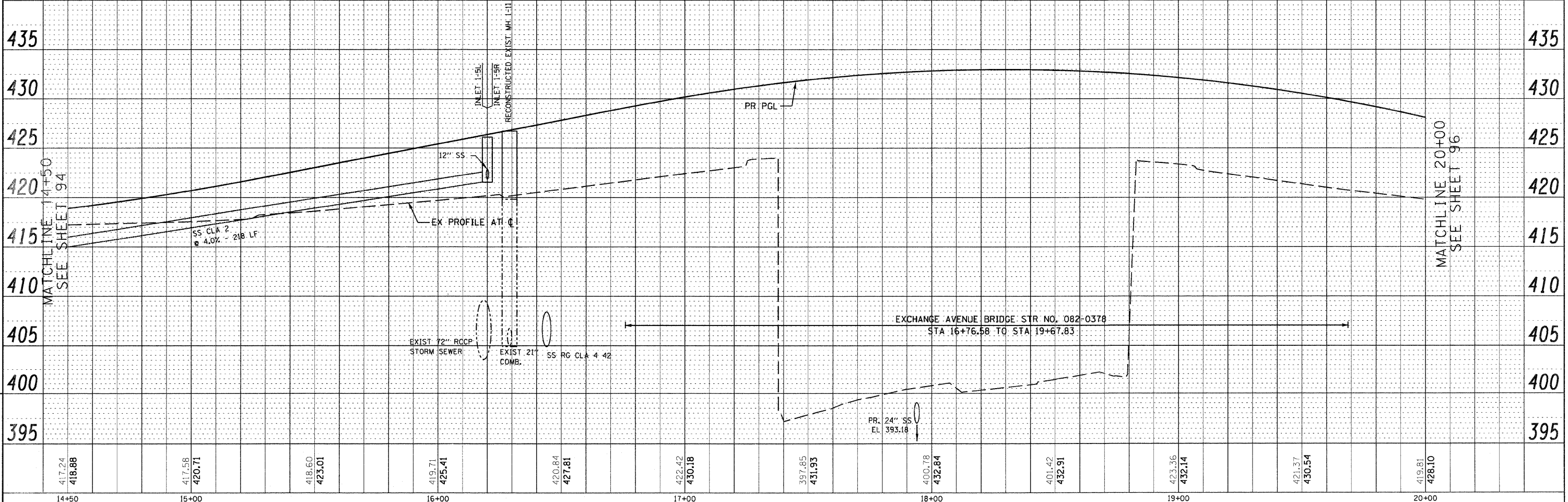
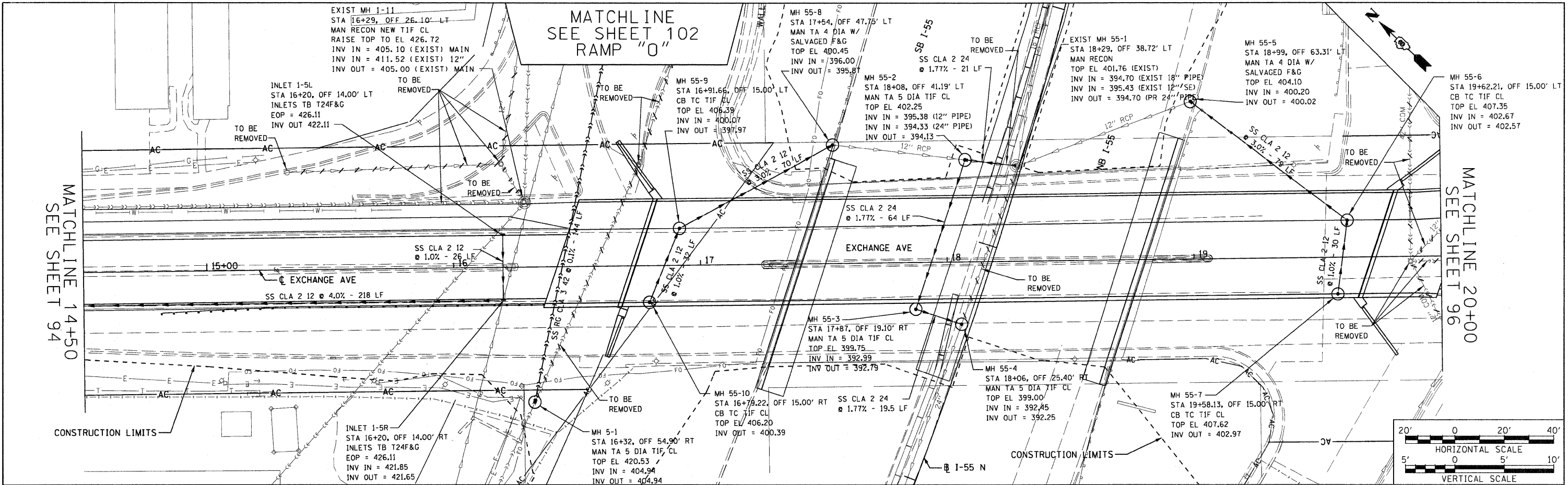
DRAINAGE AND UTILITY PLAN/PROFILE EXCHANGE AVE.

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\$TIME\$	PLOT DATE = #DATE#	DATE - DECEMBER 18, 2009	REVISED	ILLINOIS FED. AID PROJECT				

\$FILE\$

PLAN	DATE
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IN CHARGE	
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DATE	
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DATE	



11/16/2009
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FILE NAME	USER NAME
#FILE	
PLOT SCALE	PLOT DATE

DESIGNED	MAN	REVISED	-
DRAWN	JMH	REVISED	-
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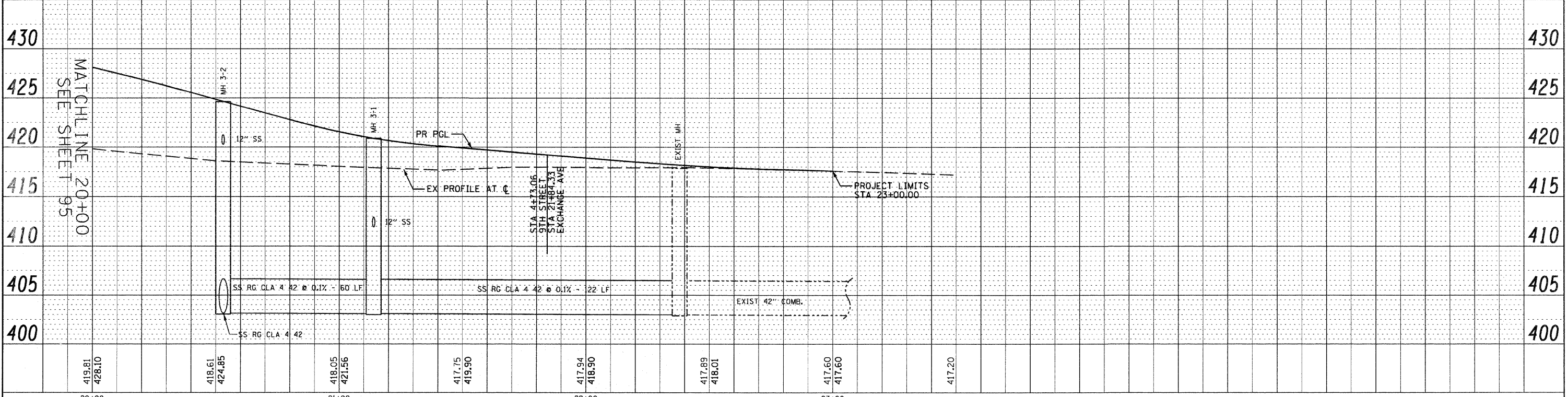
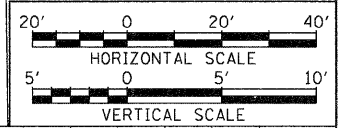
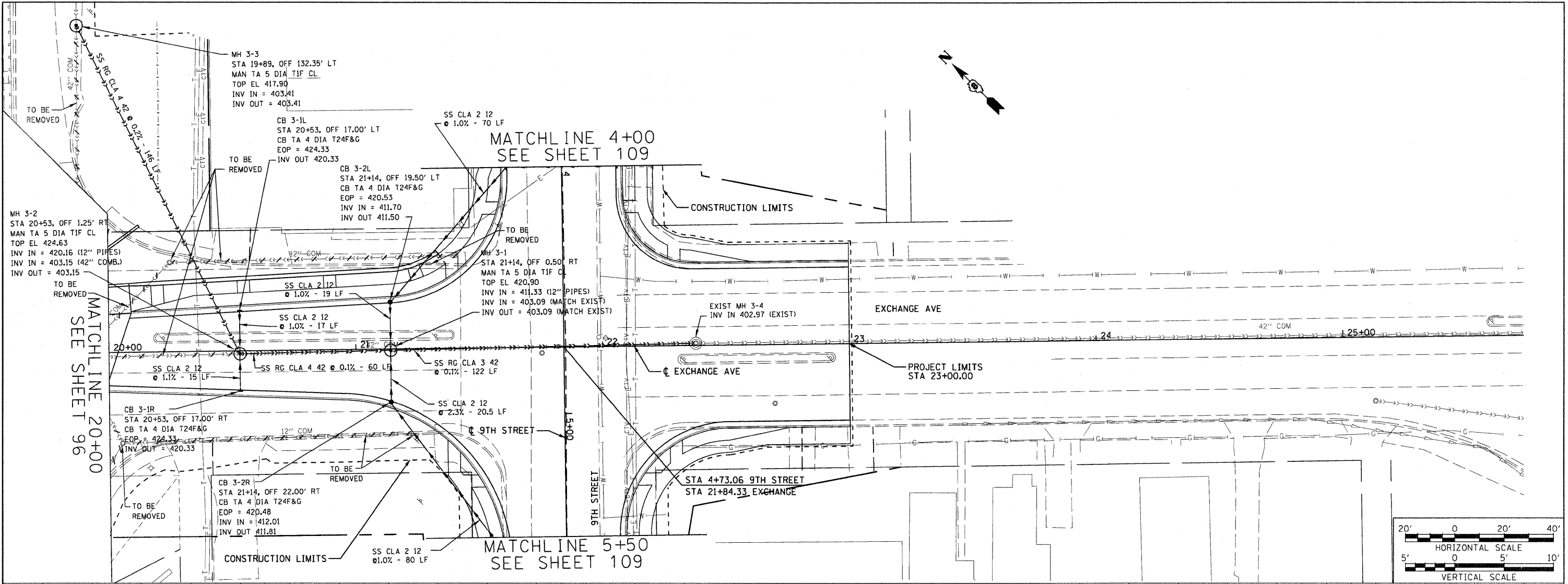
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN/PROFILE EXCHANGE AVE.
SCALE: 1"=20' SHEET NO. 2 OF 17 SHEETS STA. 14+50.00 TO STA. 20+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-2-IHB	ST. CLAIR	236	95
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C55	

PLAN	DATE
BY	
NO.	
NO.	
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PROFILE	DATE
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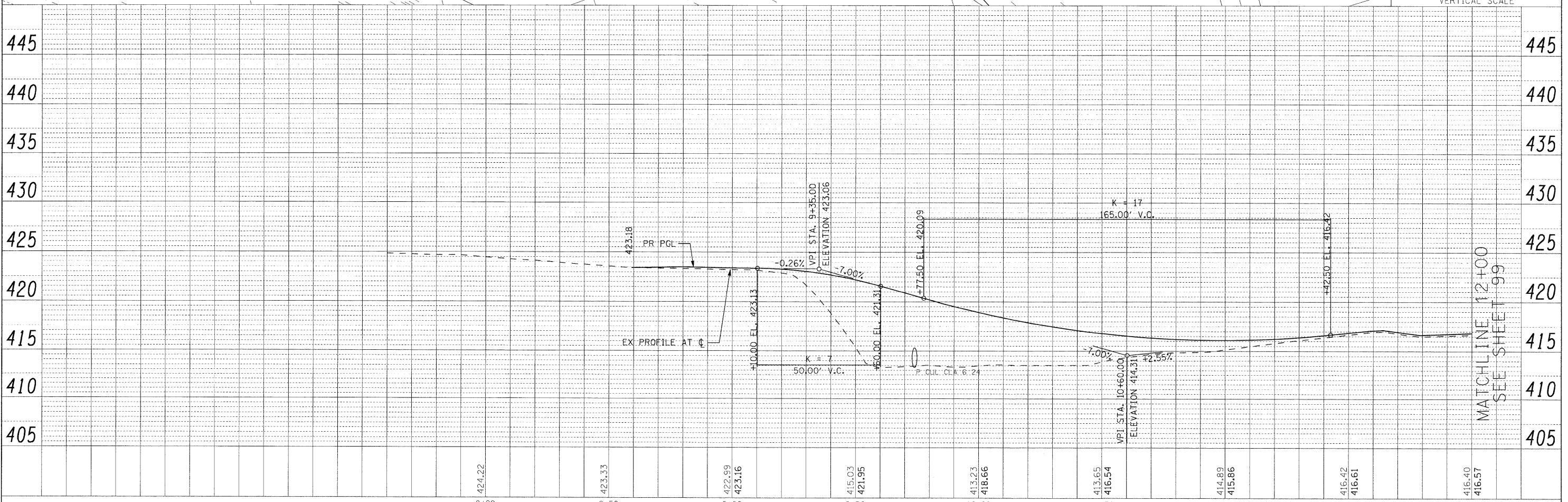
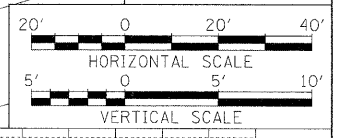
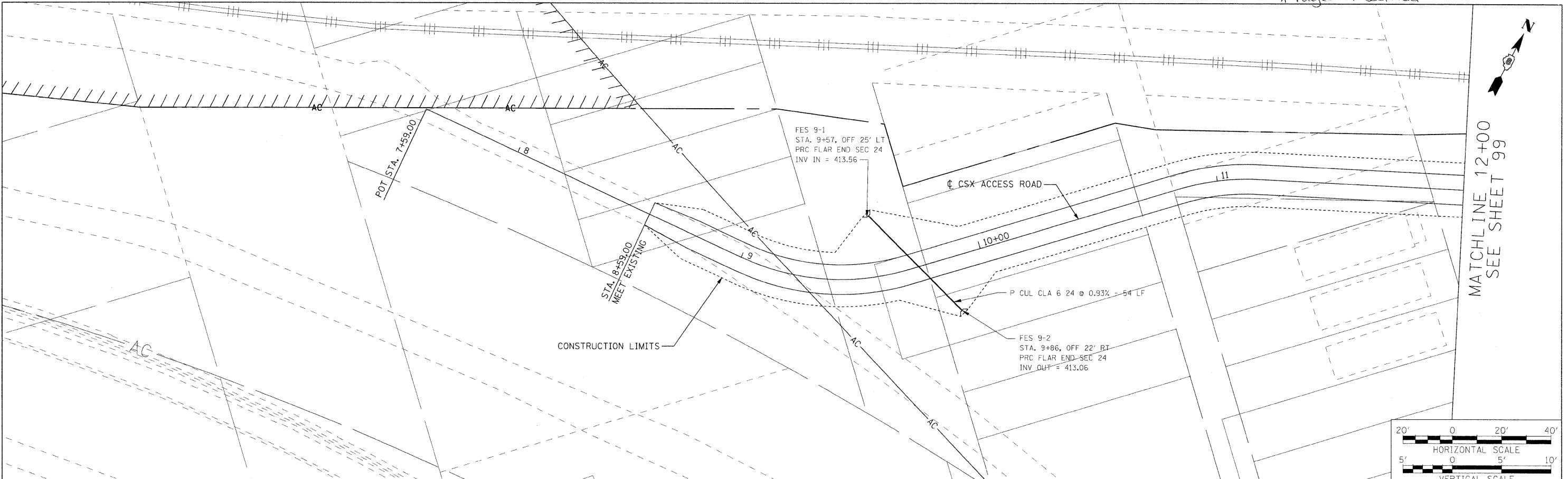
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PLOT DATE = 11/6/2009		DATE - OCTOBER 9, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

\$FILE\$

PLAN	REVIEWED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NO. _____		
	CADD FILE NAME		

PROFILE	REVIEWED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO. _____		
	PROFILE NOTATION: CHKD		



FILE NAME =	USER NAME = #USER#	DESIGNED - MAN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN/PROFILE CSX ACCESS RD.	F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 98		
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JMH	REVISED -			SCALE: 1"=20'	SHEET NO. 5 OF 17 SHEETS	STA. 8+00.00 TO STA. 12+00.00	CONTRACT NO. 76C55			
	CHECKED - AHR	CHECKED - AHR	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
	PLOT DATE = #DATE#	DATE - DECEMBER 18, 2009	REVISED -									

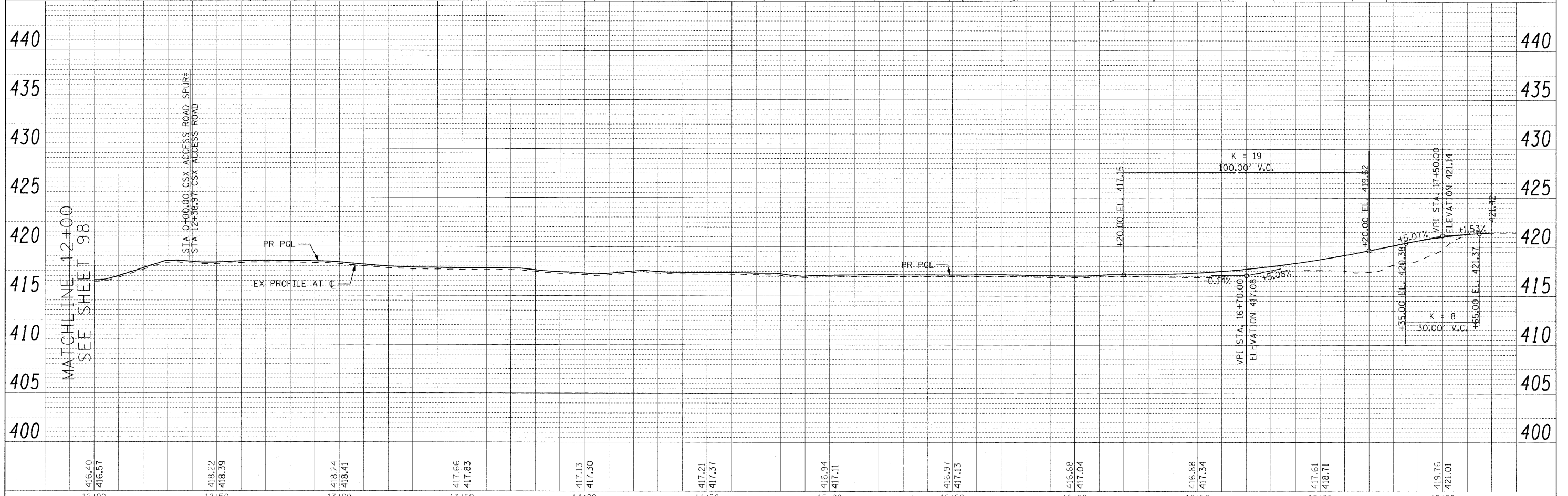
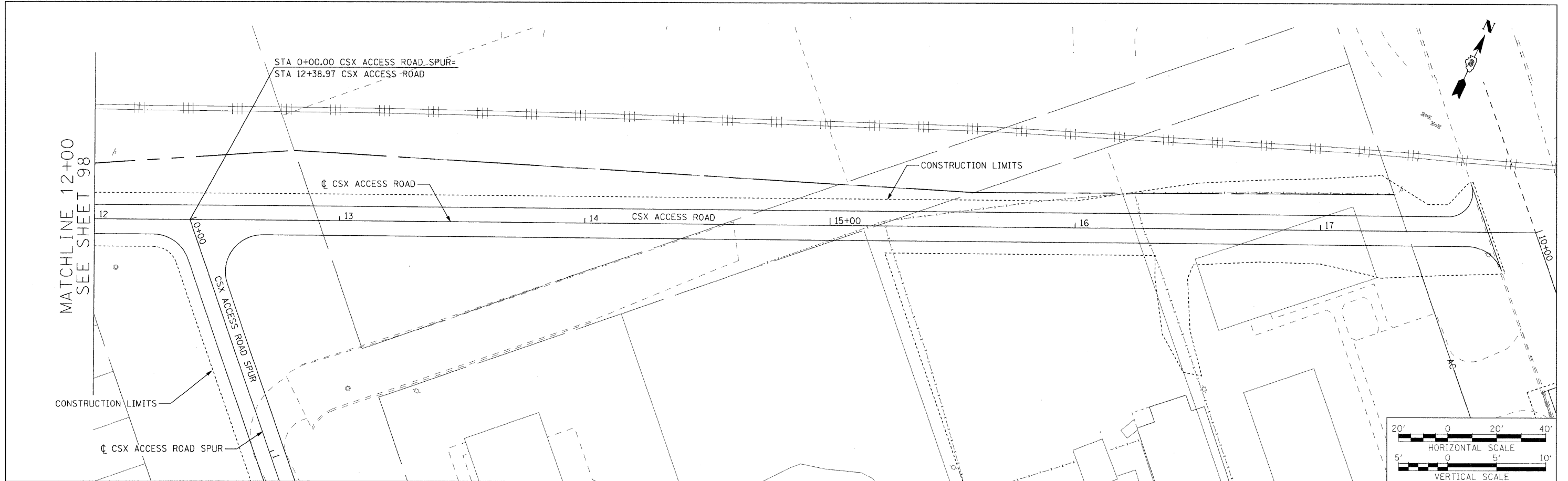
MATCHLINE 12+00 SEE SHEET 99

MATCHLINE 12+00 SEE SHEET 99

\$DATE\$
\$TIME\$
\$FILE\$

PLAN	REVIEWED	BY	DATE
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	PAID FILE NAME		

PROFILE	REVIEWED	BY	DATE
NO.	GRADES CHECKED		
	NOTED		
	STANDARD NOTATIONS CHECKED		

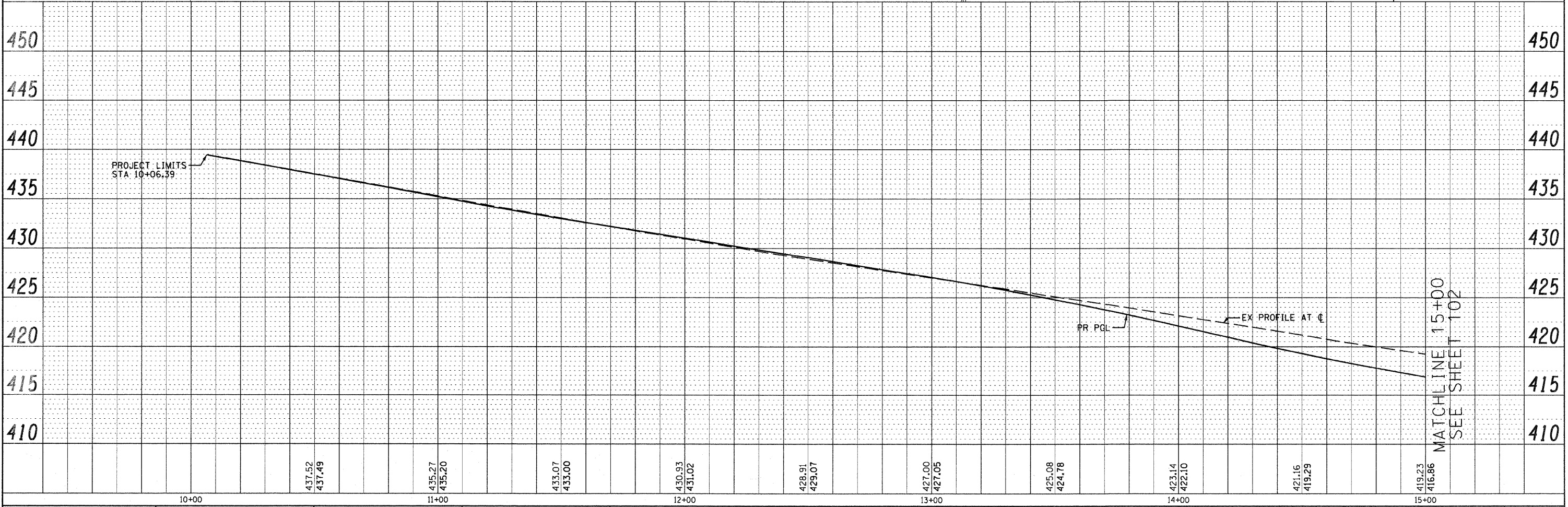
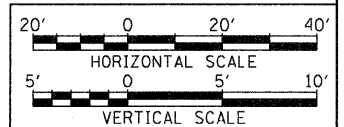
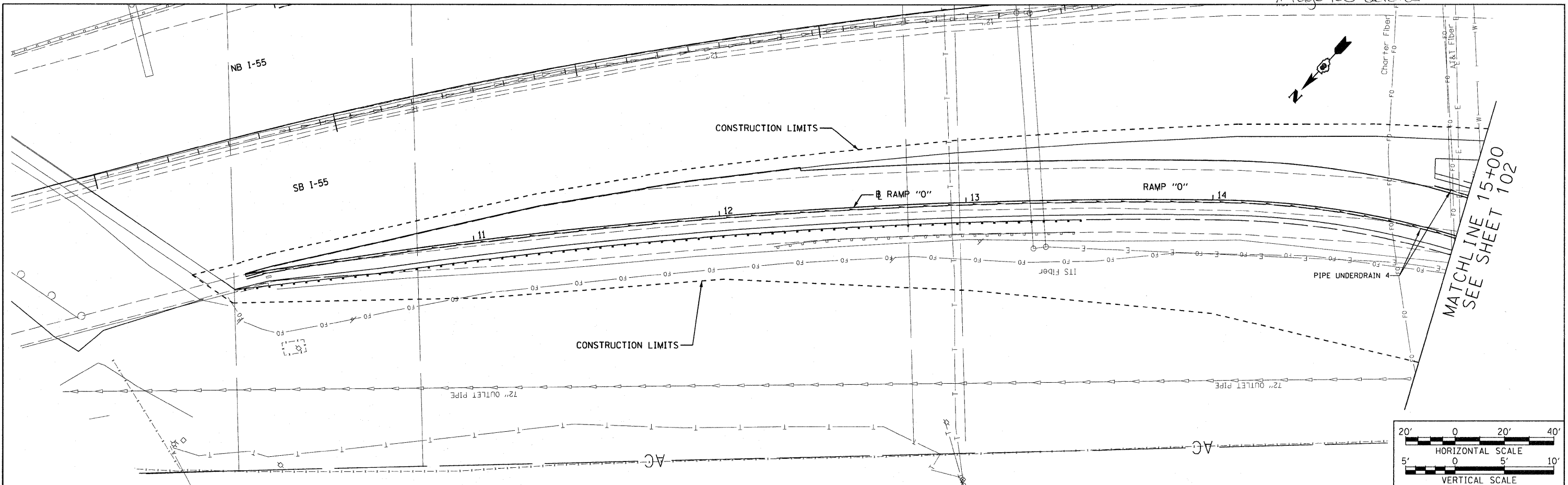


FILE NAME =	USER NAME = #USER#	DESIGNED - MAN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN/PROFILE CSX ACCESS RD.	F.A.I. RTE. 70	SECTION 82-2-1HB	COUNTY ST. CLAIR	TOTAL SHEETS 236	SHEET NO. 99		
#FILEL	PLOT SCALE = #SCALE#	CHECKED - AHR	REVISED -			SCALE: 1"=20'	SHEET NO. 6 OF 17 SHEETS	STA. 12+00.00 TO STA. 17+50.00	CONTRACT NO. 76C55			
\$DATE\$	PLOT DATE = #DATE#	DATE - DECEMBER 18, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
\$TIME\$												

\$FILE\$

PLAN
 SURVEYED
 NOTE BOOK
 ALIGNMENT CHECKED
 CAD FILE NAME
 NO.

PROFILE
 SURVEYED
 GRADES CHECKED
 NOTE BOOK
 STRUCTURE NOTATIONS CHKD
 NO.



FILE NAME =	USER NAME = .USER.	DESIGNED - MAN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN/PROFILE RAMP O	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL	PLOT SCALE = 1:20	DRAWN - JMH	REVISED -			70	82-2-1HB	ST. CLAIR	236	101	
PLOT DATE = 11/6/2009	DATE - OCTOBER 9, 2009	CHECKED - AHR	REVISED -			CONTRACT NO. 76C55					
		DATE - OCTOBER 9, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

11/6/2009
 \$11.16\$
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