

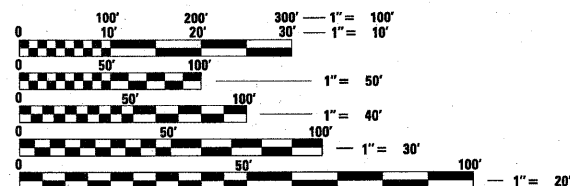
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	1
		ILLINOIS	CONTRACT NO. 87476	

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- 701502-04 URBAN LANE CLOSURE, 2L, 2W, BIDIRECTIONAL LEFT TURN LANE
- 701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-07 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-01 TRAFFIC CONTROL DEVICES
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- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A&B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-02 TYPICAL PAVEMENT MARKINGS
- BLR 21-8 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES



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

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

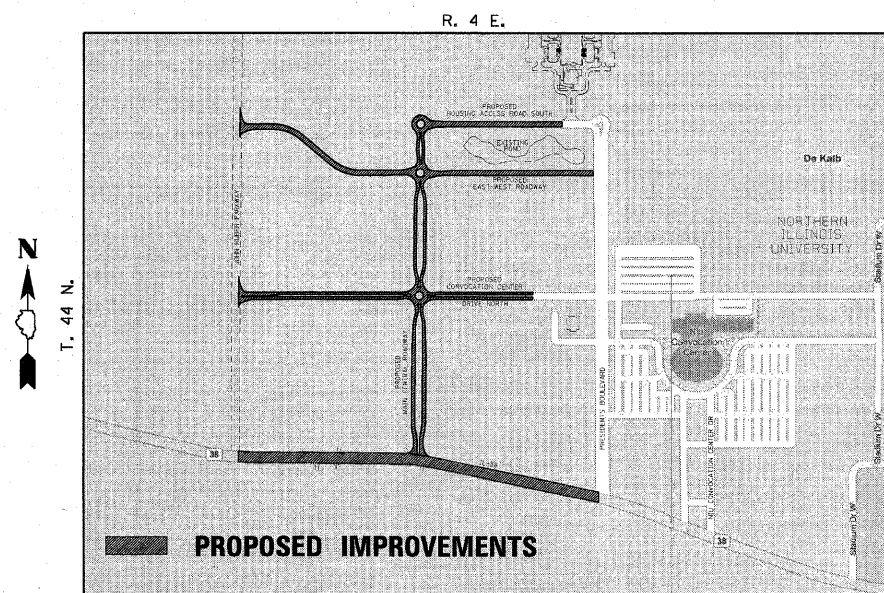


CONTRACT NO. 87476

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION**

SECTION 06-00002-00-PV
PROJECT HPP-0623 (107)
DEKALB COUNTY

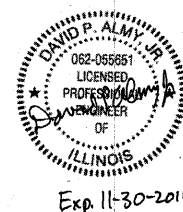
C-93-155-10



LOCATION PLAN
SCALE IN FEET
APPROX. LENGTH = 10350 FT. = 1.96 MILE

UTILITY NOTE

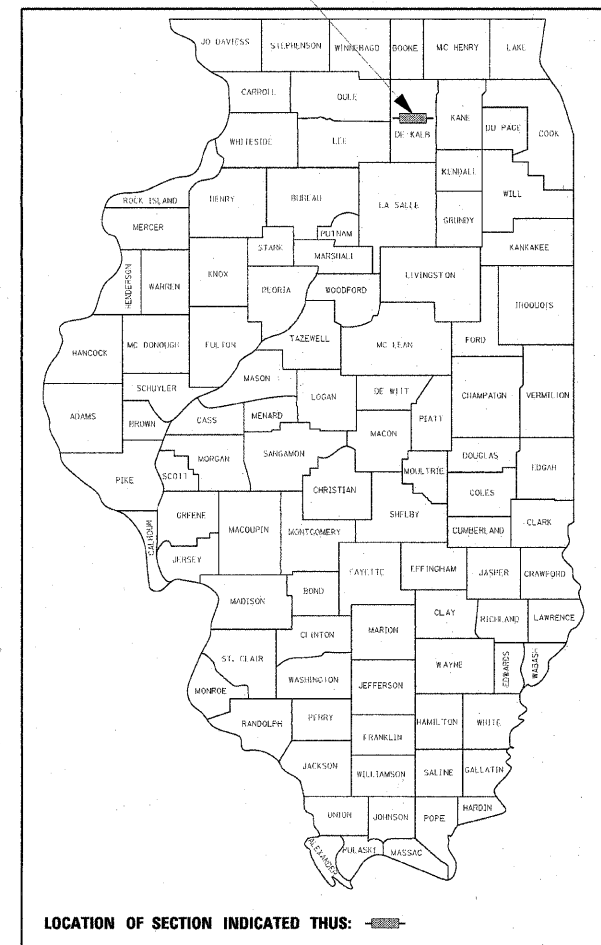
THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



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**ILLINOIS DESIGN FIRM
LICENSE NO: 184-001-084**

PROJECT LOCATION



PROPOSED IMPROVEMENTS:
CONSTRUCTION OF A NEW ROADWAYS;
SANITARY SEWER; NEW DETENTION
BASIN; STORM SEWER FOR BASIN,
ROADWAY; ROADWAY LIGHTING; AND
LANDSCAPING. LENGTH OF NEW ROADWAY
PORTION IS APPROXIMATELY 10,350 FEET.

TRAFFIC DATA:
IL 38
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPLE
DESIGN DESIGNATION: 3R ARTERIAL
CURRENT ADT: 21900
2030 ADT: 30670
DESIGN SPEED: 55 MPH WEST/45 MPH EAST
POSTED SPEED: 45 MPH

MAIN CENTRAL ROADWAY
FUNCTIONAL CLASSIFICATION: COLLECTOR
DESIGN DESIGNATION: URBAN BLRS
CURRENT ADT: 0
2030 ADT: 8860
DESIGN SPEED: 30 MPH
POSTED SPEED: 30 MPH

CONVOCACTION CENTER DRIVE NORTH
FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR
DESIGN DESIGNATION: URBAN BLRS
CURRENT ADT: 0
2030 ADT: 3860
DESIGN SPEED: 35 MPH
POSTED SPEED: 30 MPH

EAST WEST ROADWAY
FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR
DESIGN DESIGNATION: URBAN BLRS
CURRENT ADT: 0
2030 ADT: 5730
DESIGN SPEED: 35 MPH
POSTED SPEED: 30 MPH

HOUSING ACCESS ROAD SOUTH
FUNCTIONAL CLASSIFICATION: LOCAL ROAD
DESIGN DESIGNATION: URBAN BLRS
CURRENT ADT: 0
2030 ADT: 5400
DESIGN SPEED: 30 MPH
POSTED SPEED: 30 MPH

APPROVED 11/10 2010
LOCAL AGENCY OFFICIAL

PASSED 11/10 2010
DISTRICT PROJECT IMPLEMENTATION ENGINEER

APPROVED 11/10 2010
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0001	CONSTRUCTION TYPE CODE 0042	CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0001	CONSTRUCTION TYPE CODE 0042
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	141	141		60618900	CONCRETE MEDIAN, TYPE SB	SQ FT	6008	6008	
20200100	EARTH EXCAVATION	CU YD	119703	119703		60824600	CORRUGATED MEDIAN	SQ FT	439	439	
20800150	TRENCH BACKFILL	CU YD	11100	11100		61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	1160	1160	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	30106	30106		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
* 25000115	SEEDING, CLASS 1B	ACRE	27	27		67100100	MOBILIZATION	L SUM	1	1	
* 25000210	SEEDING, CLASS 2A	ACRE	2	2		70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2655	2655		70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2655	2655		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2655	2655		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30	
* 25000750	MOWING	ACRE	54	54		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	25719	25719	
* 25100115	MULCH, METHOD 2	ACRE	16	16		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	8487	8487	
* 25100630	EROSION CONTROL BLANKET	SQ YD	54372	54372		* 72000100	SIGN PANEL - TYPE 1	SQ FT	560	560	
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	12028	12028		* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	
28000305	TEMPORARY DITCH CHECKS	FOOT	675	675		* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	
28000400	PERIMETER EROSION BARRIER	FOOT	6726	6726		* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
28000500	INLET AND PIPE PROTECTION	EACH	50	50		* 72900100	METAL POST - TYPE A	FOOT	1165	1165	
28100107	STONE RIPRAP, CLASS A4	SQ YD	755	755		* 73000100	WOOD SIGN SUPPORT	FOOT	175	175	
28200200	FILTER FABRIC	SQ YD	755	755		* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	473	473	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	16513	16513		* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	31350	31350	
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	39775	39775		* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	669	669	
31102400	SUBBASE GRANULAR MATERIAL, TYPE C 7"	SQ YD	2448	2448		* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2287	2287	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	84	84		* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1720	1720	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	22124	22124		* 78000620	THERMOPLASTIC PAVEMENT MARKING - LINE 18"	FOOT	919	919	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	904	904		* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	109	109	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	227	227		* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	270	270	
40600990	TEMPORARY RAMP	SQ YD	142	142		78300100	PAVEMENT MARKING REMOVAL	SQ FT	3053	3053	
40603080	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N50	TON	15297	15297		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	75	75	
40603085	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N70	TON	3500	3500		* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
40603310	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3338	3338		* 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	14630	14630	
40603340	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1356	1356		* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	25	25	
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	8	8		* 81018200	CONDUIT PUSHED, 1" DIA., GALVANIZED STEEL	FOOT	575	575	
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	439	439		* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 10	FOOT	75615	75615	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	72654	72654		* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 4	FOOT	1915	1915	
42400800	DETECTABLE WARNINGS	SQ FT	607	607		* 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 3/0	FOOT	130	130	
44000100	PAVEMENT REMOVAL	SQ YD	546	546		* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	16655	16655	
44000159	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	646	646		* 82500380	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP	EACH	2	2	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	43	43		* 83006300	LIGHT POLE, ALUMINUM 30 FT. M.H., 8FT MAST ARM	EACH	88	88	
44004250	PAVED SHOULDER REMOVAL	SQ YD	3328	3328		* 83600100	LIGHT POLE FOUNDATION	EACH	88	88	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1137	1137		* A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE(AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
48203100	HOT - MIX ASPHALT SHOULDERS	TON	1097	1097		* A2002474	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4		* A2003114	TREE, CELTIS OCCIDENTALIS WINDY CITY (WINDY CITY HACKBERRY), 1 - 3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4		* A2004562	TREE, GINKGO BILOBA MAGYAR ARISTOCRAT, (MAGYAR ARISTOCRAT GINKGO), TREE FORM, 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	12	12	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2		* A2004728	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 3 - 1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1		* A2006512	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1 - 1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1		* A2008416	TREE, TILIA TOMENTOSA STERLING (STERLING SILVER LINDEN), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND - SIZE 36"	EACH	1	1		* A2008820	TREE, ULMUS CARPINIFOLIA HOMESTEAD (HOMESTEAD ELM), 2 - 1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
54215553	METAL END SECTIONS 18"	EACH	6	6		* B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	12	12	
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	3	3		X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	5	5	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2		X0326806	WASHOUT BASIN	L SUM	1	1	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	10	10		X4401198	HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	793	793	
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	96	96		X0326897	TRANSMISSION TOWER PROTECTION	L SUM	1	1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	3555	3555		X0226050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3	3	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1013	1013		X0603600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M - 4.24	FOOT	681	681	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	1631	1631		* 81026060	CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 3 WIDE X 2 HIGH	FOOT	210	210	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	2726	2726		Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	378	378	
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	610	610		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	180	180		Z0056900	SANITARY SEWER 8"	FOOT	1550	1550	
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	40	40		Z0057100	SANITARY SEWER 12"	FOOT	1450	1450	
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	150	150		Z0067900	STEEL CASINGS 24"	FOOT	260	260	
60218300	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4		Z0068200	STEEL CASINGS 30"	FOOT	1040	1040	
60218400	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	20	20		Z0076800	TRAINEES	HOURS	2500		2500
60221000	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3		* XX007797	LUMINAIRE, (SPECIAL)	EACH	88	88	
60221100	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4		* XX008449	ELECTRIC CABLE IN CONDUIT, 15KV (EPR-TYPE) 1/C, NO.2/0	FOOT	5745	5745	
60223800	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		* XX008446	ELECTRIC MANHOLE, 6FT X 10FT X 7FT, WITH 30IN. FRAME AND LID	EACH	5	5	
60224446	MANHOLES, TYPE A, 7" - DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		* XX008447	TRANSFORMER, 480/277V, 75 KVA	EACH	2	2	
60224445	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		* 81024050	CONDUIT ENCASED, CONCRETE, 5" DIA., PVC, 2 WIDE X 1 HIGH	FOOT	1880	1880	
X 6022810	MANHOLES, SANITARY, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9		* 81026050	CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 2 WIDE X 1 HIGH	FOOT	290	290	
X 6022312	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	EACH	2	2		XX006217	SANITARY SEWER SERVICE, 8" DIA	FOOT	420	420	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1		XX003803	SANITARY SEWER SERVICE, 6" DIA	FOOT	215	215	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	31	31		X0326713	SANITARY SEWER CONNECTION	EACH	3	3	
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	21	21		* XX008448	RECONSTRUCT ELECTRIC MANHOLE	EACH	2	2	
X 6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1							
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 6.06	FOOT	537	537							
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 6.12	FOOT	19713	19713							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2703	2703							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4558	4558							

* INDICATES A SPECIALTY ITEM.



LAYOUT: MWH 09/31/10
 DRAWN: MWH 11/04/10
 REVIEWED: DPA 11/04/10
 FILE NAME: C:\201-500.dgn
 USER NAME: MWH
 DESIGNED: DPA
 DRAWN: MWH
 CHECKED: DPA
 DATE: 11/08/2010
 REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 SUMMARY OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	

EARTH EXCAVATION - 20200100

ROAD NAME	STATION	END AREAS		DISTANCE FT.	Volume		
		CUT S.F.	FILL S.F.		20200100 EARTH EXCAVATION (Suitable Exc.) CU. FT.	EMBANKMENT (Fill) CU. FT.	
							FILL ADJUSTMENT (SHRINKAGE) FACTOR USED : 0.25 Furnished Exc. = Embankment - [Suitable Exc.* (1-Shrinkage Factor)]
MAIN CENTRAL ROADWAY CONTINUED	16+50.00	15.4	154.7	50.00	457.5	10650.0	
	17+00.00	83.0	90.5	50.00	2460.0	6130.0	
	17+50.00	48.8	75.9	50.00	3295.0	4160.0	
	18+00.00	57.5	67.0	50.00	2657.5	3572.5	
	18+50.00	73.5	43.6	50.00	3275.0	2765.0	
	19+00.00	64.1	37.8	50.00	3440.0	2035.0	
	Intersection				12690.0	2970.0	
	21+00.00	51.0	72.2				
	21+50.00	19.9	167.6	50.00	1772.5	5995.0	
	22+00.00	1.0	275.0	50.00	522.5	11065.0	
	22+50.00	0.0	344.4	50.00	25.0	15485.0	
	Intersection				6750.0	4590.0	
	IL 38	156+65.79	16.2	2.3			
		157+00.00	19.9	0.0	34.21	617.5	38.5
		157+50.00	19.4	4.1	50.00	982.5	101.3
158+00.00		22.6	1.7	50.00	1050.0	142.5	
158+50.00		18.1	14.1	50.00	1017.5	392.5	
159+00.00		16.3	31.7	50.00	858.8	1142.5	
159+50.00		10.2	35.2	50.00	660.0	1670.0	
160+00.00		20.2	19.7	50.00	758.8	1371.3	
160+50.00		23.0	13.3	50.00	1080.0	825.0	
161+00.00		14.0	17.3	50.00	925.0	763.8	
161+38.87		11.9	17.5	38.87	502.4	674.4	
161+50.00		20.4	16.6	11.13	179.2	189.2	
162+00.00		28.5	15.7	50.00	1220.0	806.3	
162+50.00		27.4	8.0	50.00	1396.3	591.3	
162+67.56		28.4	5.5	17.56	489.9	117.7	
163+00.00		25.0	9.1	32.44	865.3	236.0	
163+50.00		28.5	13.9	50.00	1336.3	573.8	
164+00.00		26.5	15.3	50.00	1375.0	728.8	
164+50.00		30.0	31.5	50.00	1412.5	1168.8	
165+00.00		22.0	34.0	50.00	1298.8	1635.0	
165+50.00		25.3	33.4	50.00	1181.3	1683.8	
166+00.00		30.5	39.2	50.00	1395.0	1813.8	
166+50.00		33.4	35.2	50.00	1596.3	1858.8	
167+00.00		33.5	35.4	50.00	1670.0	1763.8	
167+50.00		23.5	0.8	50.00	1423.8	903.8	
168+00.00		20.6	2.1	50.00	1101.3	72.5	
168+50.00		22.1	7.0	50.00	1065.0	227.5	
169+00.00		20.3	104.8	50.00	1057.5	2793.8	
169+50.00		20.5	114.4	50.00	1018.8	5477.5	
170+00.00		23.6	120.9	50.00	1101.3	5881.3	
170+50.00		33.3	90.4	50.00	1421.3	5281.3	
171+00.00		32.5	73.4	50.00	1643.8	4092.5	
171+50.00		44.6	55.9	50.00	1926.3	3231.3	
172+00.00		39.0	29.3	50.00	2088.8	2128.8	
172+50.00		47.5	33.4	50.00	2161.3	1566.3	
173+00.00	38.9	31.5	50.00	2158.8	1621.3		
173+50.00	28.5	32.7	50.00	1682.5	1602.5		
174+00.00	26.1	29.0	50.00	1362.5	1540.0		
174+50.00	29.5	25.1	50.00	1388.8	1350.0		
175+00.00	29.6	23.7	50.00	1476.3	1217.5		
175+50.00	35.5	24.3	50.00	1625.0	1198.8		
176+00.00	35.4	16.2	50.00	1770.0	1011.3		
176+50.00	33.9	18.9	50.00	1730.0	875.0		
177+00.00	31.2	22.8	50.00	1626.3	1041.3		
177+50.00	34.1	16.3	50.00	1632.5	976.3		
178+00.00	32.8	12.5	50.00	1671.3	718.8		
178+50.00	29.0	11.7	50.00	1542.5	605.0		
179+00.00	29.5	2.9	50.00	1461.3	363.8		
179+50.00	27.7	0.0	50.00	1430.0	71.3		
SE POND AT IL 38				198720.0	84510.0		
EAST-WEST SOUTH POND				1079190.0	13554.0		
EAST-WEST NORTH POND				1436562.0	3807.0		
TOTAL (SQ. FT.)				3231979.6	1712151.4		
TOTAL (CU. YD.)				119702.95	63413.01		

FURNISHED EXCAVATION -711833.3
NO FURNISHED EXCAVATION IS NEEDED.

REMOVAL SCHEDULE				40600982	44000100	44000159	X4401198	44000500	44004250
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	COMBINATION CURB AND GUTTER REMOVAL	PAVED SHOULDER REMOVAL
				SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD
ROADWAY	BEGIN STATION	END STATION	OFFSET						
CCDN	120+85	121+57			420.3				
SUBTOTAL				0.0	420.3	0.0	0.0	0.0	0.0
IL 38	156+11	179+65	RT						1737.0
	156+11	156+41		226.6					
	156+75	179+65	RT						1591.1
	162+39	162+92	16 RT		125.2				
	179+15	180+15					792.9		
	180+09	180+49	LT					43.0	
	180+15	180+80.84				645.9			
SUBTOTAL				226.6	125.2	645.9	792.9	43.0	3328.1
TOTAL				226.6	545.5	645.9	792.9	43.0	3328.1

TREE REMOVAL SCHEDULE				20100110
LOCATION				TREE REMOVAL (6 TO 15 UNITS DIAMETER)
				UNITS
ROADWAY	BEGIN STATION	OFFSET		
HARS	221+38.82	6.05 RT		6
	221+38.87	4.00 LT		6
	221+39.68	37.99 LT		15
	221+40.37	18.05 LT		6
	221+40.62	58.04 LT		12
	221+42.25	54.72 LT		15
	221+51.69	41.85 LT		12
	221+53.75	39.86 LT		12
	221+55.01	43.21 LT		12
	221+56.03	59.14 LT		13
	221+57.17	33.78 LT		13
	221+57.23	53.30 LT		11
SUBTOTAL				133
MAIN CENTRAL	0+67.90	69.17 LT		8
SUBTOTAL				8

EXPLORATION TRENCH SCHEDULE					61100500
LOCATION					EXPLORATION TRENCH 52" DEPTH
					FOOT
ROADWAY	BEGIN STATION	OFFSET	END STATION	OFFSET	
HARS	315+00.00	89 LT	319+00.00	89 LT	400
SUBTOTAL					400
EAST WEST	208+25.00	50 RT	210+50.00	50 RT	225
SUBTOTAL					225
CCDN	105+75.00	75 RT	108+10.00	75 RT	235
SUBTOTAL					235
MAIN CENTRAL	2+50.00	100 LT	5+50.00	100 LT	300
SUBTOTAL					300
TOTAL					1160



LAYOUT: MWH 08/23/01 Huss/JCH/11/04/10/INCS/2010
DRAWN: MWH 11/04/10/INCS/2010
REVISION: PJA 11/24/10/INCS/2010

FILE NAME = 0-285-SCH.dgn	USER NAME = MWH	DESIGNED - DPA	REVISIONS -
		DRAWN - MWH	REVISIONS -
		CHECKED - DPA	REVISIONS -
		DATE - 11/04/10	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
SCHEDULE OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-0002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 4
CONTRACT NO. 87476				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SIDEWALK SCHEDULE					
LOCATION				42400200	42400800
ROADWAY				PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS
BEGIN STATION	OFFSET	END STATION	OFFSET	SQ FT	SQ FT
HARS	313+85 LT	323+13	LT	7593	
	314+68.73 LT				16
	314+68.73 LT				14
	314+68.73 RT				14
	314+68.73 RT				16
SUBTOTAL				7593	60
EAST WEST	215+52 RT	226+39	RT	9100	
	213+88.95 LT				16
	213+88.95 LT				14
	213+88.95 RT				14
	213+88.95 RT				16
	215+68.06 LT				16
	215+68.06 LT				14
	215+68.06 RT				14
	215+68.06 RT				17
SUBTOTAL				9100	121
CCDN	114+47 LT	125+77	LT	8777	
	114+47 RT	125+77	RT	8778	
	112+80.76 LT				16
	112+80.76 LT				14
	112+80.76 RT				14
	112+80.76 RT				16
	114+59.82 LT				16
	114+59.82 LT				14
	114+59.82 RT				14
	114+59.82 RT				16
SUBTOTAL				17555	120
MAIN CENTRAL	0+00 LT	11+50	LT	8563	
	0+00 RT	11+50	RT	9166	
	11+50 LT	20+00	LT	7222	
	11+50 RT	20+00	RT	7064	
	20+30 LT	24+16	LT	3681	
	20+30 RT	23+16	RT	2710	
	0+44.74 LT				16
	0+44.74 LT				17
	0+44.74 RT				16
	0+44.74 RT				16
	10+58.86 LT				16
	10+58.86 LT				14
	10+58.86 RT				14
	10+58.86 RT				16
	12+37.89 LT				16
	12+37.89 LT				14
	12+37.89 RT				14
	12+37.89 RT				16
	19+21.15 LT				16
	19+21.15 LT				14
	19+21.15 RT				14
	19+21.15 RT				16
	21+00.37 LT				16
	21+00.37 LT				14
	21+00.37 RT				14
	21+00.37 RT				16
SUBTOTAL				38406	306
TOTAL				72654	607

PAVEMENT SCHEDULE																			
LOCATION				31101200	31101810	31102400	40200800	40600100			40600635	40603080	40603085	40603310	40603340	40800050	42000300	48101200	48203100
ROADWAY				SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SUBBASE GRANULAR MATERIAL, TYPE C 7"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)			LEVELING BINDER (MACHINE METHOD), N70	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N50	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N70	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70	INCIDENTAL HOT - MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE PAVEMENT 8"	AGGREGATE SHOULDERS, TYPE B	HOT - MIX ASPHALT SHOULDERS
BEGIN STATION	END STATION	OFFSET		SQ YD	SQ YD	SQ YD	TON	GALLON			TON	TON	TON	TON	TON	SQ YD	TON	TON	
HARS	314+72.00	323+13	RT	843.7	1848.2			748	100	159.5									
	314+72.00	323+13	LT		1849.1			762.9	101.7	162.7									
SUBTOTAL				843.7	3697.3	0.0	0.0	1510.6	201.4	322.3	0.0	1417.9	0.0	283.6	0.0	0.0	0.0	0.0	0.0
EAST WEST	201+37	213+87.00	LT		3044.0			1082.4	144.3	230.9									
	201+37	213+87.00	RT		2949.6			1065.9	142.1	227.4									
	214+83.98																		
	215+68.00	226+54	LT		2310.9			837.4	111.7	178.6									
	215+68.00	226+54	RT	1011.1	2398.4			849.7	113.3	181.3									
SUBTOTAL				1011.1	10702.9	0.0	0.0	3835.4	511.4	818.2	0.0	4105.3	0.0	821.1	0.0	0.0	0.0	0.0	0.0
CCDN	101+29	112+64.00	LT		3146.1			1077.1	287.2	229.8									
	101+29	112+64.00	RT		3097.1			1022.0	272.5	218.0									
	114+47	125+77	LT	975.2															
	114+47	125+77	RT	975.3															
	114+80.00	121+57	LT		1681.8			595.0	158.7	128.9									
	114+80.00	121+57	RT		1690.7			605.8	161.6	129.2									
SUBTOTAL				1950.6	9615.7	0.0	0.0	3299.9	880.0	704.0	0.0	3781.5	0.0	1190.3	0.0	0.0	0.0	0.0	0.0
MAIN CENTRAL	0+00	11+50	LT	951.4															
	1+10	11+00	LT		3051.8			906.8	241.8	193.4									
	0+00	11+50	RT	1018.4															
	1+10	11+00	RT		3029.1			896.3	239.0	191.2									
	11+00.00	12+00.00			1852.6														
	11+50	20+00	LT	802.4															
	11+50	20+00	RT	784.9															
	12+00	19+70	LT		1978.2			522.9	139.4	111.6									
	12+00	19+70	RT		1891.3			522.3	139.3	111.4									
	19+70.00	20+60.00			1471.4														
	20+30	24+16	LT	409.0															
	20+30	23+16	RT	301.1															
	20+60	22+90	LT		640.1			170.3	45.4	36.3									
	20+60	22+90	RT		612.4			165.4	44.1	35.3									
	22+90.00	24+00.00			1232.2														
SUBTOTAL				4267.3	15759.2	0.0	0.0	3184.0	849.1	679.3	0.0	5992.3	0.0	1043.6	0.0	0.0	439.0	0.0	0.0
IL 38	156+74.00	180+50.00	LT	4610.5				1729.0	461.1	737.7									
	156+11.00	179+56.00	RT	3780.7				1417.8	378.1	604.9									
	156+11.00	180+81.00																	
	156+11.00	180+81.00	RT			1949.5													
	156+75.00	167+23.00	LT		498.5														
	159+41.00	166+45.00	LT																
	156+11.00	161+17.00	RT																
	164+59.00	162+42.00	RT																
	162+83.00	166+45.00	RT																
	161+38.00		RT																
	162+68.00		RT	49.2															
	168+68.00		RT																
SUBTOTAL				8440.4	0.0	2447.9	84.3	3146.7	839.1	1342.6	904.0	0.0	3499.7	0.0	1355.9	8.3	0.0	1137.3	1096.7
TOTAL				16513.1	39775.1	2447.9	84.3	22124.0	904.0	15297.0	3499.7	3338.5	1355.9	8.3	439.0	1137.3	1096.7		

LAYOUT: MWH 08/31/01 Huss0041
 DRAWN: MWH 11/04/01 1005/2000
 REVIEWED: DPA 11/24/01 1005/105069853/CALCD/Basic/Sheet/C-20E-SCH.dwg



Hanson Professional Services Inc.

LAYOUT: 08/31/10 Huss/00-11
 DRAWN: 11/04/10 ACS/2010
 REVIEWED: SA 11/04/10
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CONCRETE CURB AND MEDIAN SCHEDULE

LOCATION					60603500	60603800	60605000	60618300	60618800	60624600	X6063600
					COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE MEDIAN, TYPE SB	CORRUGATED MEDIAN	COMBINATION CONCRETE CURB AND GUTTER, TYPE M - 4.24
					FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	FOOT
ROADWAY	BEGIN STATION	OFFSET	END STATION	OFFSET							
HARS	313+84.64		CENTER ISLAND		179.0						227.0
	313+46	-49	323+13	-18		1094.0					
	314+19	50	323+13	18		901.0					
	314+42		315+15					702.0			
SUBTOTAL					179.0	1995.0	0.0	0.0	702.0	0.0	227.0
EAST WEST											
	214+83.98		CENTER ISLAND		179.0						227.0
	201+47	-79	213+56	-21		1245.0					
	201+46	55	213+55	13		1220.0					
	213+01		213+68						292.0		
	213+68		214+23					611.0			
	215+41		215+99					590.0			
	215+99	-14	226+54	-18		1055.0			147.0		
	216+02	22	226+54	18		1052.0					
SUBTOTAL					179.0	4572.0	0.0	0.0	1201.0	439.0	227.0
CCDN											
	113+76		CENTER ISLAND		179.0						227.0
	101+39	-86	112+54	-26		1152.0					
	101+53		103+37					755.0			
	103+37	3	112+30	-7		893.0					
	101+38	62	112+63	23		1135.0					
	103+37	7	112+30	7		893.0					
	112+30		112+81					676.0			
	112+81		113+16						486.0		
	114+32		114+67						469.0		
	114+67		115+18					651.0			
	114+84	-22	121+57	-26		672.0					
	115+18	-7	121+57	-7		639.0					
	114+90	26	121+57	26		667.0					
	115+18	7	121+57	7		639.0					
SUBTOTAL					179.0	6690.0	0.0	1327.0	1710.0	0.0	227.0
MAIN CENTRAL											
	1+09	-33	10+18	-30		912.0					
	1+10	-7	10+08	-14		908.0					
	1+17	35	10+16	30		901.0					
	1+10	9	10+08	13		905.0					
	10+08		10+59					996.0			
	10+18	-30	11+28	-113			166.0				
	10+16	30	11+27	114			167.0				
	10+59		10+94						612.0		
	11+77	-122	12+78	-27			161.0				
	11+75	109	12+78	23			158.0				
	12+10		12+45						521.0		
	12+45		12+96					718.0			
	12+78	-27	18+80	-32		605.0					
	12+96	-45	18+70	-16		576.0					
	12+78	23	18+83	29		607.0					
	12+96	8	18+70	13		557.0					
	18+70		19+21					569.0			
	18+88	-32	20+00	-129			186.0				
	18+83	29	19+93	118			173.0				
	19+21		19+55						390.0		
	21+07		21+48					948.0			
	20+35	-128	21+29	-25			164.0				
	20+74		21+07						327.0		
	20+29	115	21+31	25			159.0				
	21+29	-25	22+90	-39		164.0					
	21+48	-9	22+27	-8		79.0					
	21+31	25	22+90	35		163.0					
	21+48	9	22+27	4		79.0					
	22+27		22+80						545.0		
SUBTOTAL					0.0	6456.0	1334.0	3231.0	2395.0	0.0	0.0
IL 38											
	167+23	-29	167+91	-105			116.0				
	168+55	-121	180+49	-54			1253.0				
SUBTOTAL					0.0	0.0	1369.0	0.0	0.0	0.0	0.0
TOTAL					537.0	19713.0	2703.0	4558.0	6008.0	439.0	681.0

FILE NAME =	USER NAME = MWH	DESIGNED - DPA	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION SCHEDULE OF QUANTITIES	F.A.P. RTE. 567	SECTION 06-0002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 6		
PLOT SCALE = AS SHOWN	DRAWN - MWH	CHECKED - DPA	REVISIONS -			SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476			
PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISIONS -	REVISIONS -									



Hanson Professional Services Inc.

LAYOUT: MWH 08/31/10
 DRAWN: MWH 11/04/10
 REVIEWED: DPA 11/04/10
 C:\208\Scrt.dgn

PAVEMENT MARKING SCHEDULE

LOCATION	78000100		78000200		78000400		78000500		78000600		78000620		78000650		78300100	
	BEGIN STATION	END STATION	OFFSET	OFFSET	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 18"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING REMOVAL	SQ FT	NOTES	SQ FT	NOTES	
Housing Access Road South																
314+42	-9.00	314+32	-34.00									12	WB Circle Edge 18"x2' Dash			
314+52	7.00	323+13	0.00		857	Yellow Interior										
314+52	7.00	323+13	0.00		857	Yellow Interior										
314+68		314+76										88	Crosswalk			
315+15	0.00	315+72	0.00							20.0	Yellow Median Hatch					
SUBTOTAL				0.0	1714.0		0.0	0.0		20.0		100.0		0.0		0.0
East West Roadway																
201+52	6.00	204+00	5.00		494	Yellow Double								42	EB Stopbar	
201+52	-6.00	203+50	-6.00					198	White Turn Line							
201+78	-2.00			62.4	Lt Arrows											
204+00	-6.00	206+00	-5.00		204	Yellow Interior										
204+00	5.00	206+00	5.00		196	Yellow Interior										
204+00	-6.00	206+00	-5.00		50	Yellow Int Dash										
204+00	5.00	206+00	5.00		50	Yellow Int Dash										
206+00	-5.00	210+00	-5.00		795	Yellow Double			136.0	Yellow Median Hatch						
206+00	5.00	210+00	5.00		805	Yellow Double										
210+00	-5.00	212+04	-6.00		203	Yellow Interior										
210+00	5.00	212+04	6.00		206	Yellow Interior										
210+00	-5.00	212+04	-6.00		50	Yellow Int Dash										
210+00	5.00	212+04	6.00		50	Yellow Int Dash										
212+04	-6.00	214+14	-12.00		201	Yellow Interior				88.0	Yellow Median Hatch					
212+04	6.00	214+13	2.00		203	Yellow Interior										
213+88		213+96										80	Crosswalk			
214+23	4.00	214+31	31.00									12	EB Circle Edge 18"x2' Dash			
215+41	-4.00	215+35	-27.00									10	WB Circle Edge 18"x2' Dash			
215+51	-2.00	226+54	0.00		1096	Yellow Interior			46.0	Yellow Median Hatch						
215+50	12.00	226+54	0.00		1095	Yellow Interior										
215+68		215+76										80	Crosswalk			
SUBTOTAL				62.4	5698		0.0	198.0		270.0		182.3		42.0		0.0
Convocation Center Drive North																
101+80	-4.00			46.8	Lt Arrows											
101+55	-8.00	102+94	-8.00					139	White Turn Line					40	EB Stopbar	
112+30	-9.00	113+05	-12.00		68	Yellow Interior										
112+30	8.00	113+04	5.00		67	Yellow Interior										
112+80		112+88										88	Crosswalk			
113+15	8.00	113+23	33.00									12	EB Circle Edge 18"x2' Dash			
114+33	-7.00	114+21	-40.00									15	WB Circle Edge 18"x2' Dash			
114+43	-4.00	115+18	-8.00		67	Yellow Interior										
114+42	12.00	115+18	8.00		68	Yellow Interior										
114+59		114+67														
SUBTOTAL				46.8	270.0		0.0	139.0		0.0		211.4		40.0		0.0
Main Central Roadway																
0+62	-46.00	10+58	-26.00		1003	White Edge										
0+53	46.00	10+58	23.00		1010	White Edge										
0+38	-3.00	10+75	-9.00		1038	Yellow Inside										
0+38	4.00	10+75	9.00		1038	Yellow Inside										
0+57	-9.00	0+67	-42.00											27	Stopbar	
0+75	-20.00	1+81	-25.00					106	White Lane Line							
1+81	-25.00	7+33	-37.00													
0+82	22.00	7+29	37.00				140	White CenterDash								
0+47	9.00	0+47	50.00				170	White CenterDash								
0+53	10.00	0+53	47.00				41	White Crosswalk		72.0	White NB Crosswalk					
0+47	-7.00	0+58	-50.00				37	White Crosswalk								
0+53	-9.00	0+62	-46.00				42	White Crosswalk		82.0	White SB Crosswalk					
11+13	0.00	11+90	0.00				39	White Crosswalk								
10+58		10+66			242	Yellow Round										
10+66	-27.00	11+32	-88.00		96	White Edge										
10+66	24.00	11+26	84.00		90	White Edge										
10+93	-12.00	10+95	14.00					48	White Radius w/ Leg							
10+95	14.00	11+05	43.00									13.7	NB Circle Edge 18"x2' Dash			
11+37	56.00	11+60	57.00					45	White Radius w/ Leg							
11+44	-61.00	11+67	-60.00					45	White Radius w/ Leg							
11+79	-88.00	12+37	-25.00		95	White Edge										
11+71	84.00	12+37	23.00		90	White Edge										
11+99	-49.00	12+10	-16.00									14	SB Circle Edge 18"x2' Dash			
12+10	-16.00	12+11	8.00					42	White Radius w/ Leg							
12+37		12+45										88	Crosswalk			

CONTINUED

FILE NAME = C:\208\Scrt.dgn	USER NAME = MWH	DESIGNED - DPA	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION SCHEDULE OF QUANTITIES	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 7	CONTRACT NO. 87476
PLOT SCALE = AS SHOWN	CHECKED - DPA	REVISIONS -	SCALE: AS SHOWN			SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = 11/05/2010	DATE 11/04/10	REVISIONS -									



SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.

THE FINAL TOP 100 MM (FOUR INCHES) OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS.

EXCEPT FOR THE TOP 75 MM (3"), ALL AGGREGATE BASES AND SUBBASES 300 MM (12") IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 300 MM (12"), THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOPSIZE 150 MM (6") BREAKER-RUN CRUSHED STONE WITH 70% TO 90% BY WEIGHT, PASSING THE 4" SIEVE AND 15% TO 40% BY WEIGHT, PASSING THE 50 MM (2") SIZE SIEVE, EXCEPT FOR THE TOP 75 MM (3"). THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADED FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 75 MM (3") SHALL BE GRADATION CA-6 OR CA 10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 75 MM (3") LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.

ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE 75 MM (#200 SIEVE). THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.

THE CONTRACTOR WILL BE REQUIRED TO FURNISH 140 MM (5 1/2") HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2-LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 150 MM (6") INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.

THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.

REMOVAL OF EXISTING CORRUGATED METAL PIPE CULVERTS WILL BE INCIDENTAL TO EARTH EXCAVATION.

NOSES OF CURBED CORNER ISLANDS NOTED AS 1 & 2 ON HIGHWAY STANDARD 606301 SHALL BE RAMPED UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS OR SIGN TRUSS SUPPORTS.

THE CONTRACTOR SHALL INSTALL A 450 MM (18") DIAMETER FORMED OPENING IN THE CONCRETE MEDIAN SURFACE OF THE ISLAND AS DIRECTED BY THE ENGINEER. ALSO, A 75 MM (4") DIAMETER FORMED OPENING SHALL BE INSTALLED IN EACH CORNER OF THE ISLAND 300 MM (1 FOOT) BEHIND THE BACK OF CURB. ALL EXISTING PAVEMENT SURFACES OF OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE THE 450 MM (18") OPENING SHALL BE CORED DOWN 1.2 M (4') AND FILLED WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE FOOT) FOR CONCRETE MEDIAN SURFACE, 100 MM (4 INCH).

THE CONTRACTOR SHALL INSTALL 450 MM (18") DIAMETER FORMED OPENINGS IN THE CONCRETE MEDIAN SURFACE, SPACED AT INTERVALS NO GREATER THAN 75 M (250 FEET), AND/OR AS DIRECTED BY THE ENGINEER. ALL EXISTING PAVEMENT SURFACES OR OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE, CORE EACH OPENING DOWN 1.2 M (4') AND FILL WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE FOOT) FOR P.C. CONCRETE MEDIAN SURFACE, 100 MM (4 INCH).

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.

THE COST OF REMOVING EXISTING STORM SEWER DURING THE INSTALLATION OF NEW STORM SEWERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING INSTALLED.

LATERAL DISTANCES FROM THE CENTERLINE ON ALL INLETS ARE TO THE FACE OF THE INLET.

THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM", "SANITARY", OR "WATER" ON THE LID. THE WORD TO BE USED IS NOTED ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE WORD TO BE USED ON OTHER LIDS NOT NOTED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.

ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.

THE CONTRACTOR SHALL DETERMINE FLOWLINES, DEPTH AND SIZE OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.

WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT WILL BE 150 MM (6") FOR PIPE DRAINS AND 200 MM (8") FOR STORM SEWER, BUT THE SIZE MUST BE AT LEAST 50 MM (2") LARGER THAN THE ADJOINING TILE. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 IN THE STANDARD SPECIFICATIONS.

ALL SIGNS SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CURRENT ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL VERIFY ALL POST LENGTHS REQUIRED PRIOR TO ORDERING.

TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT AND A REPRESENTATIVE FROM NORTHERN ILLINOIS UNIVERSITY. MULCH SHALL BE PLACED 3" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON THE DETAIL. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

UTILITY NAME	CONTACT	PHONE
COMED 123 ENERGY AVENUE ROCKFORD, IL 61109	MIKE LENOX JIM SMETANA	(815)490-2869 (815)490-2254
FRONTIER COMMUNICATIONS NETWORK ENGINEERING DEPT. 112 WEST ELM STREET SYCAMORE, IL 60178	MIKE BRODZIK	(309)454-1470
CITY OF DEKALB WATER 1216 MARKET STREET DEKALB, IL 60115-3531	BRIAN FAIVRE	(815)748-2050
DEKALB FIBER OPTIC, LLC 1626 DEKALB AVENUE SYCAMORE, IL 60178	DANIEL HALVERSON	(815)899-4600
DEKALB SANITARY DISTRICT 303 HOLLISTER AVE PO BOX 624 DEKALB, IL 60115-0624	MARK EDDINGTON, P.E.	(815)758-3513
NICOR PO BOX 190 AURORA, IL 60507-0190	STAN JANUSZ	(630)317-2267

FOLLOWING ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS WHICH ARE NOT MEMBERS OF JULIE AND SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR:

NORTHERN ILLINOIS UNIVERSITY	PATRICK BELL	(815)753-6013
ILLINOIS DEPT OF TRANSPORTATION	DISTRICT 3	(815)434-6131

THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE MUNICIPALITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO, MANHOLES, WATER VALVES, HANDHOLES, ETC. ALL MATERIALS AND WORK NECESSARY TO COMPLETE ADJUSTMENTS PER MUNICIPALITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED ADJUSTMENT PAY ITEM.

THE CONTRACTOR SHALL CONTACT MARTY HOLM (COMED TRANSMISSION SECTION) AT 847-309-2123 A MINIMUM OF 48 HOURS, JIM SMETANA (COMED DISTRIBUTION) AND STAN JANUSZ (NICOR) 3 WEEKS PRIOR TO THE START OF CONSTRUCTION ON THE COMED ROW AREAS.

ALL EXCAVATIONS SHALL BE A MINIMUM OF FIFTEEN (15) FEET AWAY FROM ANY TRANSMISSION STRUCTURE AND MUST REMAIN WITHIN THEIR DESIGNATED WORK ZONE APPROVED BY COMED.

DURING THE CONSTRUCTION PERIOD, ANY EXPOSED METALLIC PIPING SHOULD BE GROUNDED TO PROTECT AGAINST INDUCED VOLTAGES.

ALL STATIONARY METAL OBJECTS PLACED ON THE COMED ROW AREAS MUST BE GROUNDED TO AVOID INDUCED VOLTAGES.

WHEN WORKING IN THE VICINITY OF COMED'S ELECTRIC TRANSMISSION LINES DURING THE INSTALLATION, THE CONTRACTOR WILL FOLLOW OSHA REQUIREMENTS WHICH IS A MINIMUM OF FOURTEEN (14) FEET WORKING CLEARANCE DISTANCE AND MUST BE MAINTAINED BETWEEN THE BOOMS, ARMS OR OTHER PARTS THAT CAN BE RAISED ON THE CONTRACTORS EQUIPMENT AND THE EXISTING COMED 345,000 AND 138,000 VOLT ELECTRIC TRANSMISSION CONDUCTORS. UNDER NO CIRCUMSTANCES, SHOULD TRUCK BEDS BE RAISED UNDERNEATH COMED TRANSMISSION LINES.

EXCAVATIONS WITHIN COMED ROW AREAS SHALL NOT BE LEFT OPEN OVERNIGHT.

NO EQUIPMENT OR MATERIALS SHALL BE PARKED OR STORED ON THE COMED EASEMENT WHEN THERE IS NO WORK ACTIVITY. THIS INCLUDES OVERNIGHT.

EXCAVATIONS BEYOND THREE (3) FEET OF THE UNDERGROUND COMED DISTRIBUTION CABLES SHALL BE DONE BY MACHINE ASSISTED HAND EXCAVATION METHODS. EXCAVATION WITHIN THREE (3) FEET OF THE COMED UNDERGROUND DISTRIBUTION CABLES SHALL ONLY BE DONE BY HAND EXCAVATION METHODS.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

TRENCH BACKFILL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 550, EXCEPT METHOD 3 WILL NOT BE ALLOWED.

TRENCH BACKFILL FOR MANHOLES, INLETS, AND CATCH BASINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THOSE ITEMS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY UNCONTROLLED CRACKING THAT OCCURS IN PCC PAVEMENTS, SIDEWALKS, CURBS, OR CURB AND GUTTER PRIOR TO FINAL ACCEPTANCE SHALL BE ROUTED O SAWED AND SEALED ACCORDING TO IDOT STANDARD SPECIFICATION SECTION 452. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONCRETE ITEMS.

GRANULAR BEDDING, HAUNCHING, AND INITIAL BACKFILL MATERIAL CLASS 1A IN ACCORDANCE WITH ASTM D2321 SHALL BE CONSTRUCTED A MINIMUM OF 6" BELOW AND 12" OVER THE TOP OF ALL SANITARY SEWER.

WHERE SECTION, SUBSECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.

CONTRACTORS BIDDING THIS PROJECT SHALL VISIT THE SITE BEFORE BIDDING.

THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BIT MATERIALS (PRIME COAT) ON AGGREGATE BASES	0.375	GAL / SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
POLYMERIZED BIT MATERIALS (PRIME COAT)	0.10	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT" EXISTING PVT	0.08	GAL / SQ YD
FOR PREVIOUS HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

COMMITMENTS: NONE

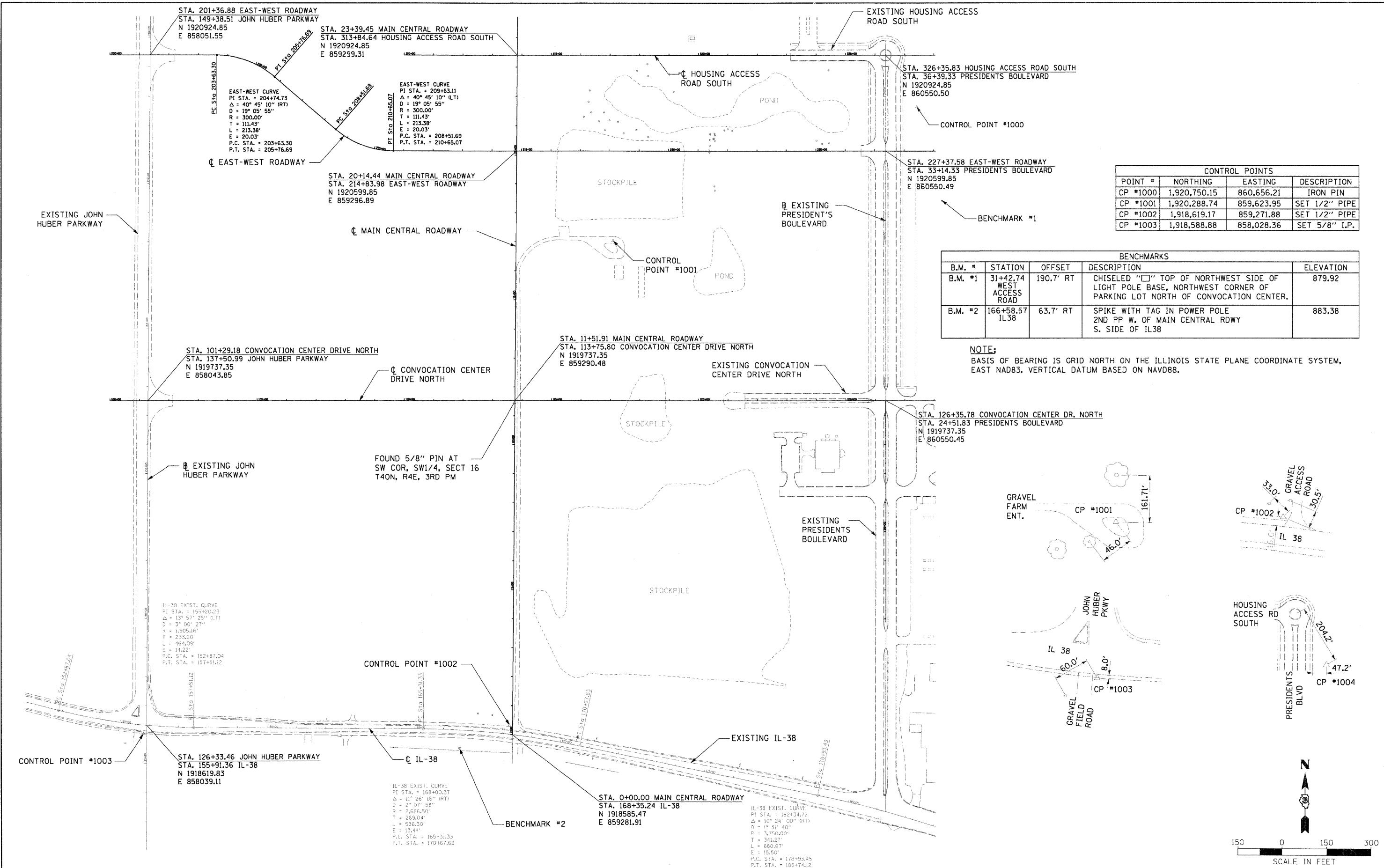
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DRAWN - MWH	CHECKED - DPA	DATE - 11/04/10	REVISED -			SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476
PLOT SCALE = AS SHOWN	PLOT DATE = 11/05/2010									

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Hanson Professional Services Inc.

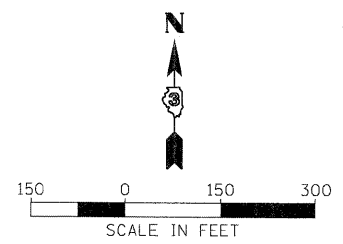
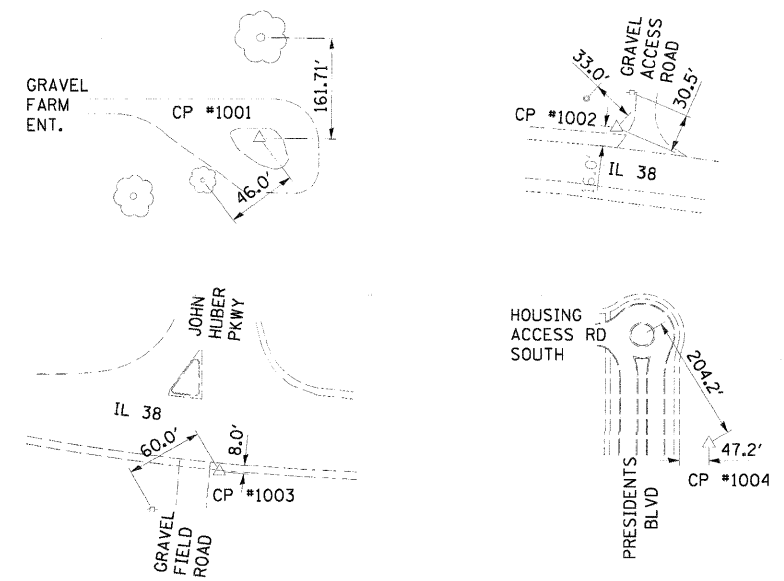
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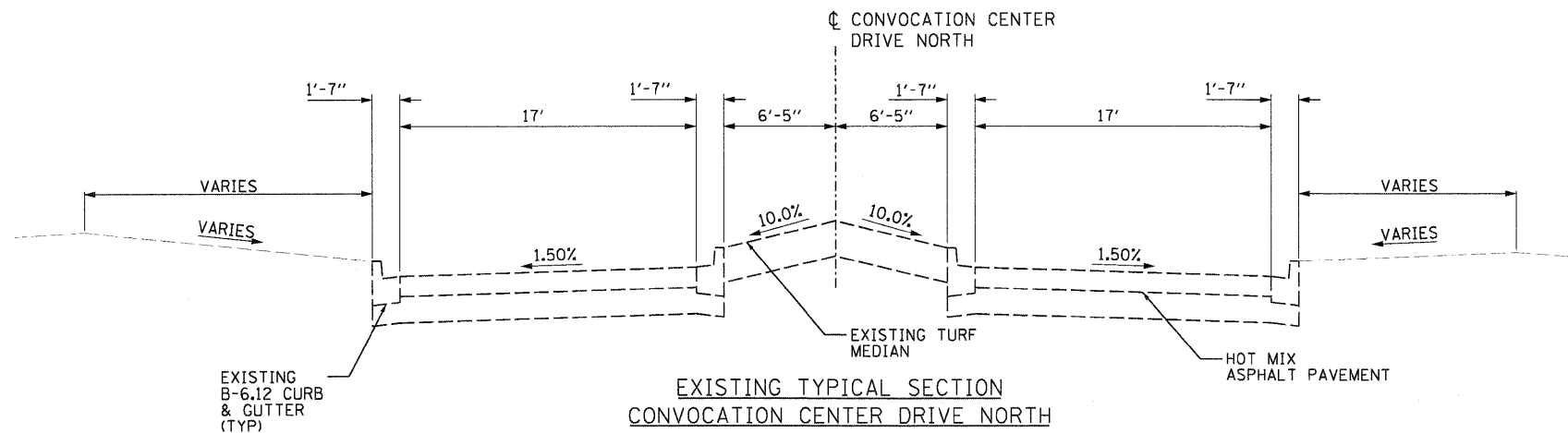
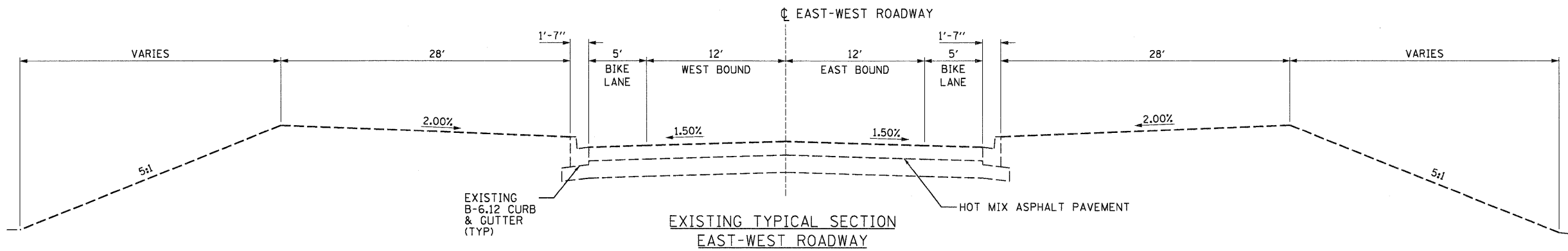
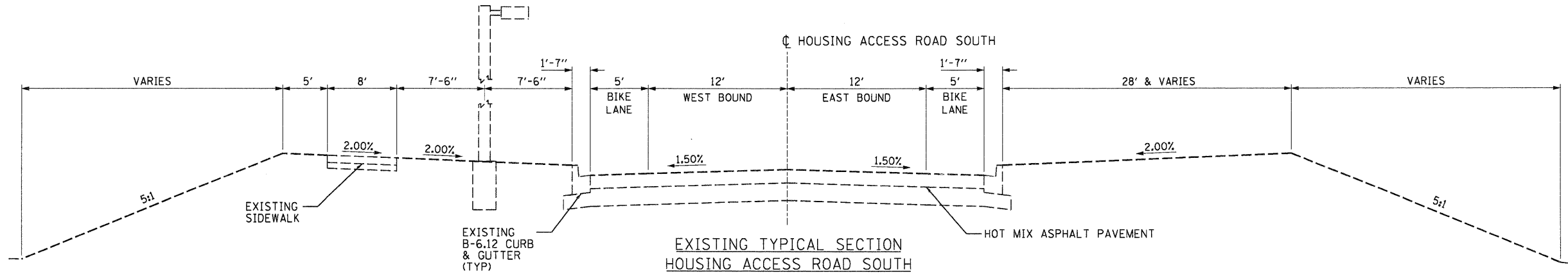
CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
CP #1000	1,920,750.15	860,656.21	IRON PIN
CP #1001	1,920,288.74	859,623.95	SET 1/2" PIPE
CP #1002	1,918,619.17	859,271.88	SET 1/2" PIPE
CP #1003	1,918,588.88	858,028.36	SET 5/8" I.P.

BENCHMARKS				
B.M. #	STATION	OFFSET	DESCRIPTION	ELEVATION
B.M. #1	31+42.74 WEST ACCESS ROAD	190.7' RT	CHISELED "C" TOP OF NORTHWEST SIDE OF LIGHT POLE BASE, NORTHWEST CORNER OF PARKING LOT NORTH OF CONVOCATION CENTER.	879.92
B.M. #2	166+58.57 IL38	63.7' RT	SPIKE WITH TAG IN POWER POLE 2ND PP W. OF MAIN CENTRAL RDWY S. SIDE OF IL38	883.38

NOTE:
 BASIS OF BEARING IS GRID NORTH ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST NAD83. VERTICAL DATUM BASED ON NAVD88.



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PLOT SCALE = AS SHOWN	PLOT DATE = 11/04/10	CHECKED - SLN	REVISED -			SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476



LAYOUT MWH 10/23/10 Hussu0241
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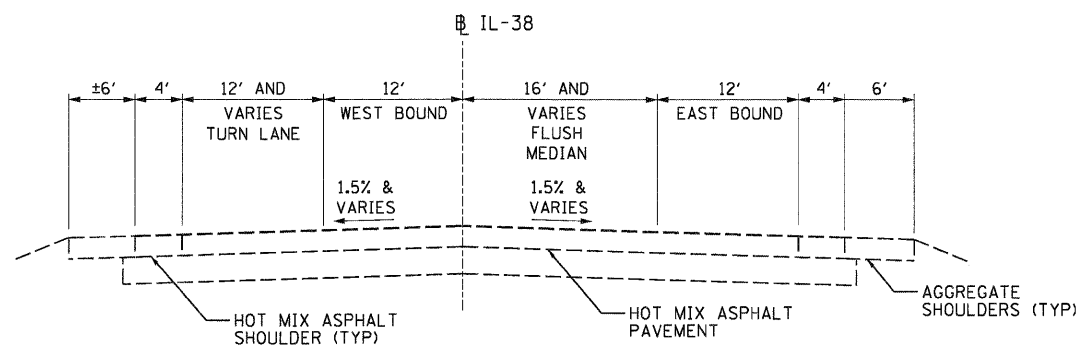
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

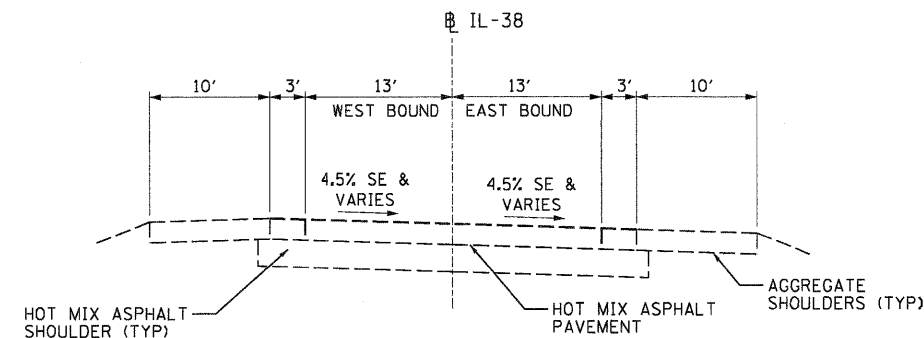
**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
EXISTING TYPICAL SECTIONS**

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 11
CONTRACT NO. 87476				

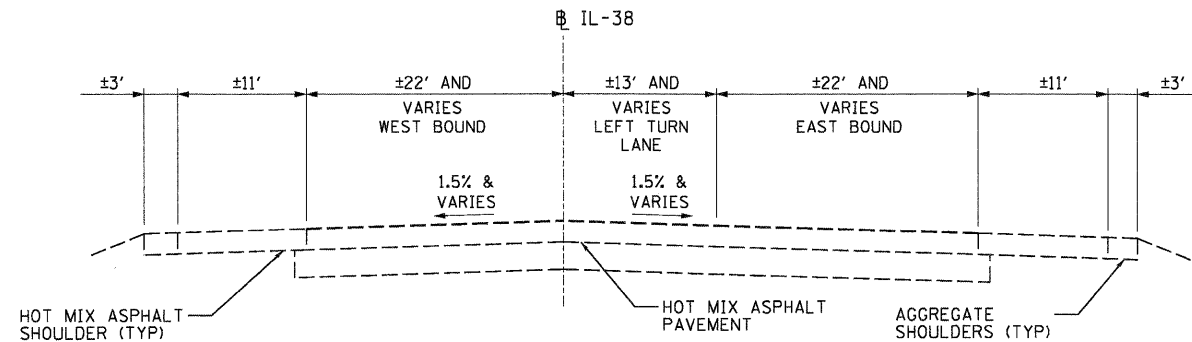
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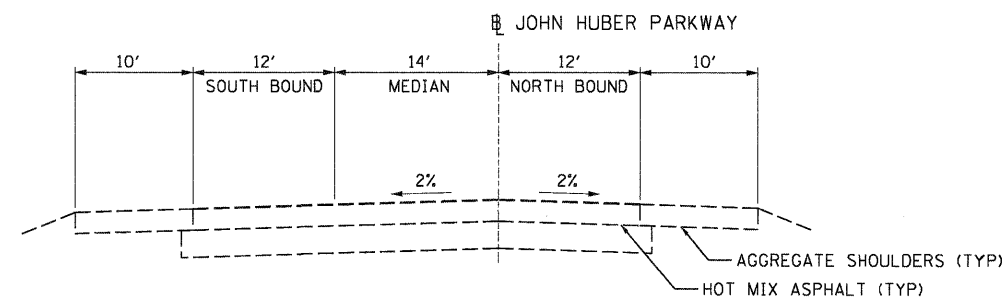
EXISTING TYPICAL SECTION
IL 38 - (EAST OF JOHN HUBER PARKWAY)



EXISTING TYPICAL SECTION
IL 38 (AT MAIN CENTRAL ROADWAY)



EXISTING TYPICAL SECTION
IL 38 (WEST OF PRESIDENTS BOULEVARD)



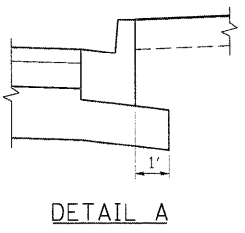
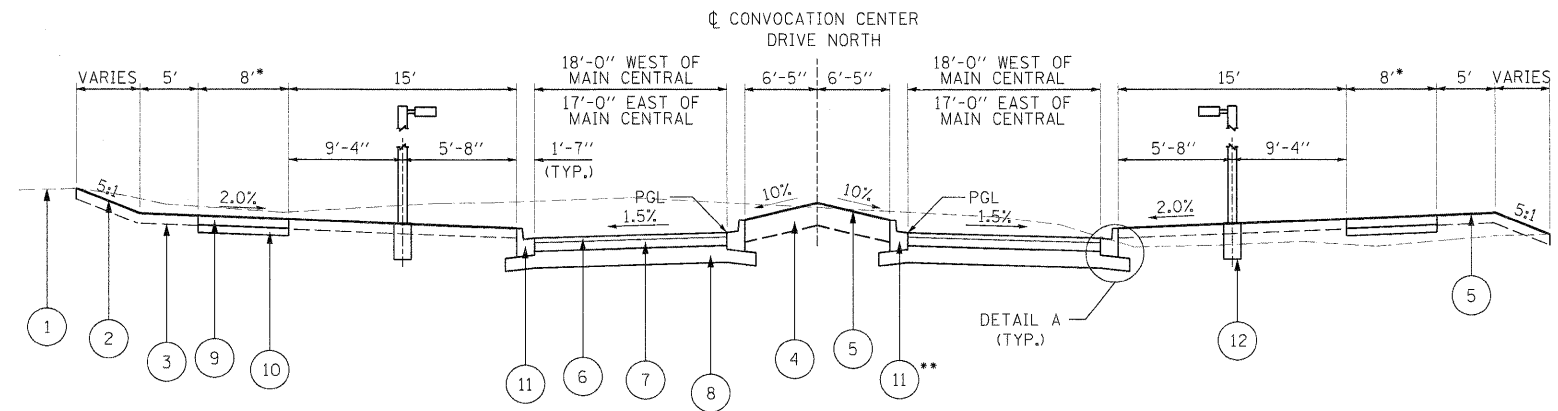
EXISTING TYPICAL SECTION
JOHN HUBER PARKWAY

LAYOUT: MWH 06/31/10 HV6660041
DRAWN: MWH 11/04/10 11/05/2010
CHECKED: DPA 11/04/10 11/05/2010

FILE NAME = C:\802 TYP.dgn	USER NAME = MWH	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EXISTING TYPICAL SECTIONS	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 12	
SCALE: AS SHOWN	DATE 11/04/10	CHECKED - DPA	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476			

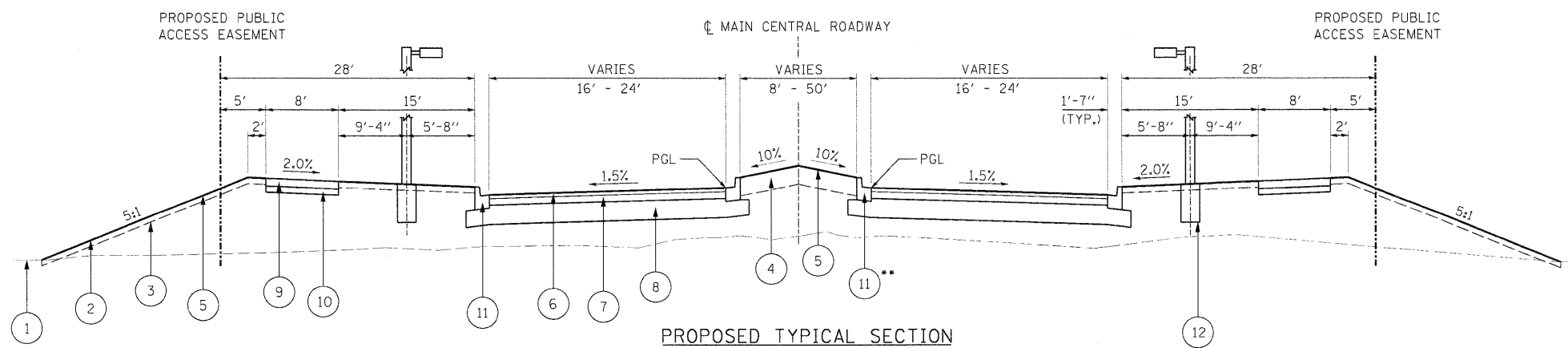


Hanson Professional Services Inc.

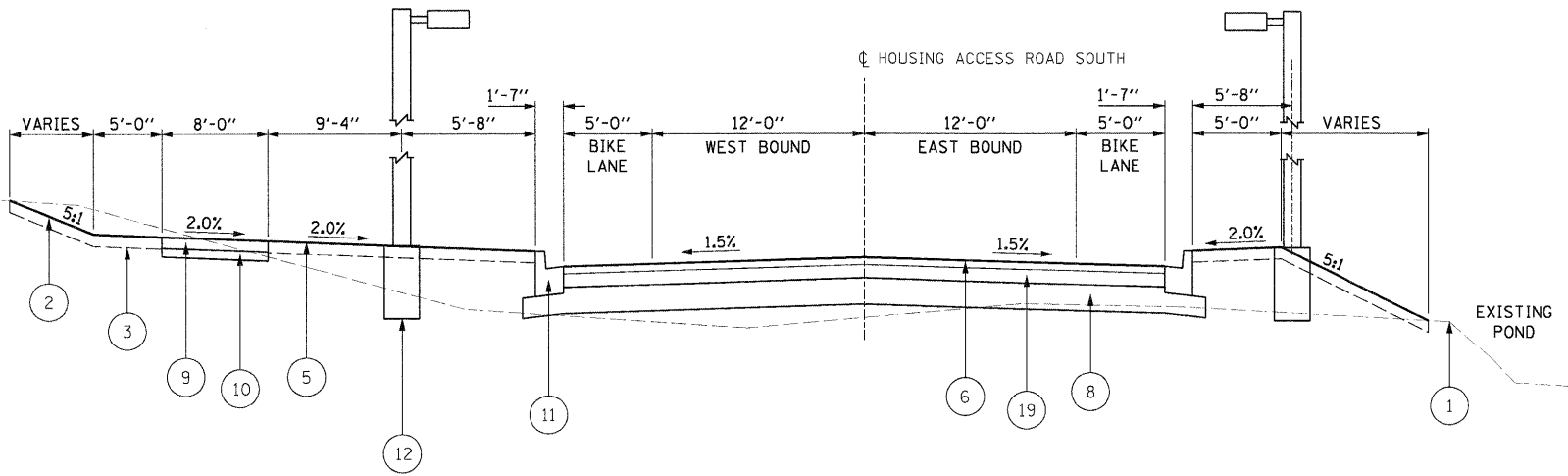


* OMIT SIDEWALK STA 102+29.18 TO STA 112+80.00

PROPOSED TYPICAL SECTION
CONVOCATION CENTER DRIVE NORTH



PROPOSED TYPICAL SECTION
MAIN CENTRAL ROADWAY



PROPOSED TYPICAL SECTION
HOUSING ACCESS ROAD SOUTH

HMA MIX TABLE	JOHN HUBER EAST-WEST HARS CCDN MAIN CENTRAL	EAST-WEST HARS CCDN MAIN CENTRAL	IL-38	IL-38	IL-38	IL-38
MIX	HMA SURFACE	HMA BINDER	HMA SURFACE	HMA LEVEL BINDER	HMA BINDER	HMA SHOULDER
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG58-22
RAP % (MAX) **	15%	25%	10%	15%	15%	50%
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N70	4% @ N70	4% @ N70	2% @ N30
MIXTURE COMPOSITION	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0	IL-19.0	OTHER
FRICTION AGGREGATE	MIXTURE C	N/A	MIXTURE D	N/A	N/A	N/A
MIXTURE WEIGHT	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN

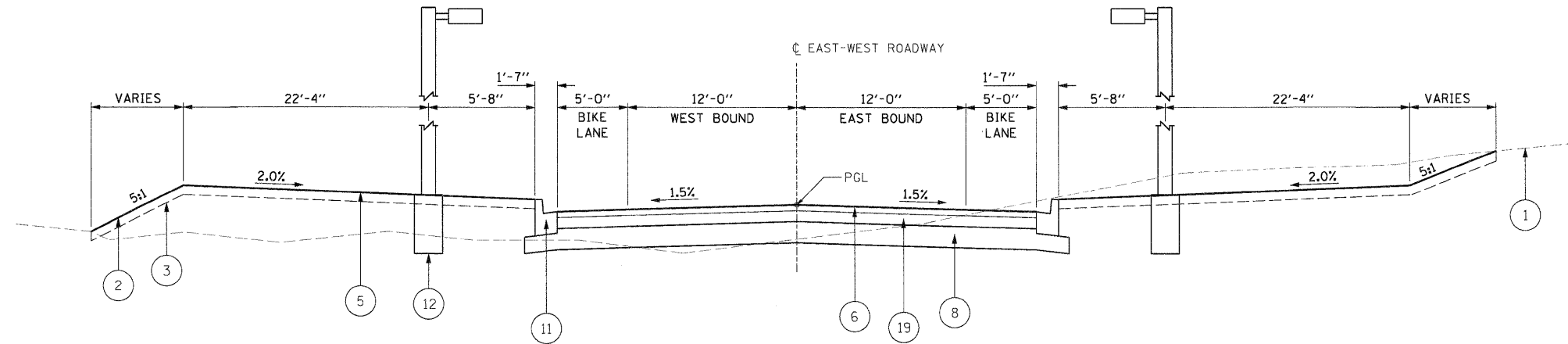
**IF THE RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. TO BE DETERMINED BY THE ENGINEER.

LEGEND

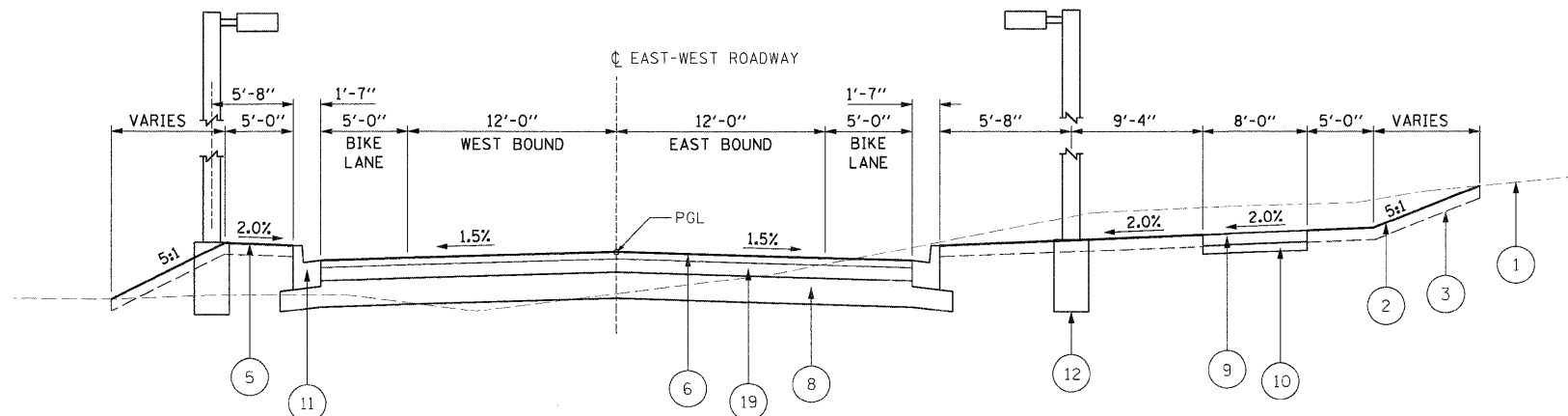
- 1 EXISTING GROUND LINE
- 2 PROPOSED GROUND LINE
- 3 TOPSOIL EXCAVATION AND PLACEMENT, 4"
- 4 TOPSOIL EXCAVATION AND PLACEMENT, 12"
- 5 SEEDING, CLASS 2
- 6 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1.5"
- 7 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8.5"
- 8 SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
- 9 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 10 SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ** TIP OUT CURB ALONG MEDIAN EDGES
- 12 LIGHT POLE AND BASE (SEE LIGHTING PLANS FOR LOCATIONS)
- 13 HOT-MIX ASPHALT SURFACE COURSE, IL-19.0, N50, 1.5"
- 14 LEVELING BINDER (MACHINE METHOD), N70, 1"
- 15 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.25"
- 16 HOT-MIX ASPHALT SHOULDERS, 8"
- 17 AGGREGATE SHOULDERS, TYPE B, 6"
- 18 SUB-BASE GRANULAR MATERIAL, TYPE C, 7"
- 19 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7.5"
- 20 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PAVEMENT DESIGN INFORMATION	MAIN CENTRAL ROADWAY	CONVOCATION CENTER DRIVE NORTH	EAST-WEST ROADWAY	HOUSING ACCESS ROAD SOUTH
STRUCTURAL DESIGN TRAFFIC YEAR	2020	2020	2020	2020
PV	8417	11020	5443	5130
SU	266	348	172	162
MU	177	232	115	108
SSR	POOR	POOR	POOR	POOR
TF	0.99	1.30	0.64	0.61

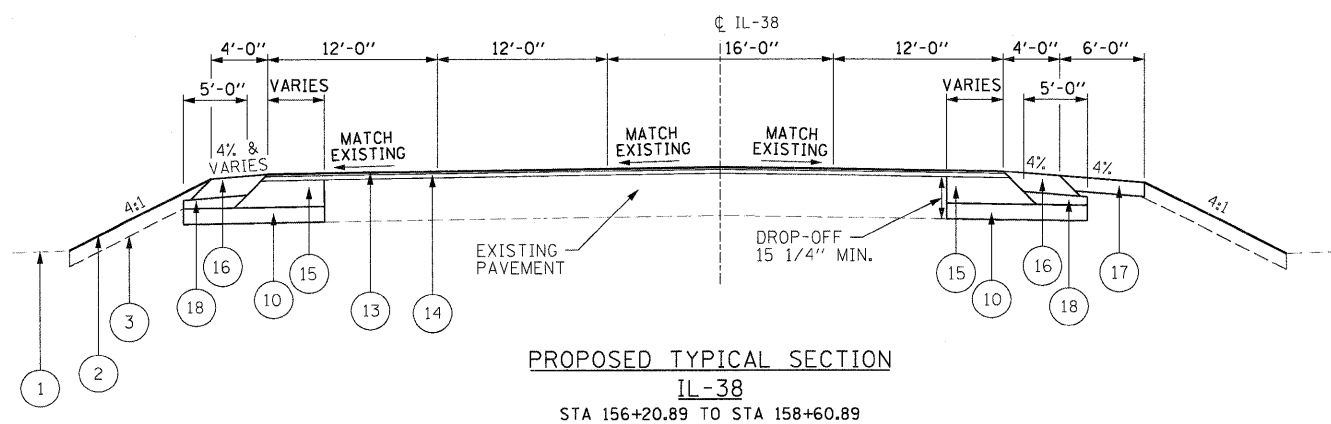
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 REVISIONS: DPA 11/04/10 11:05:20



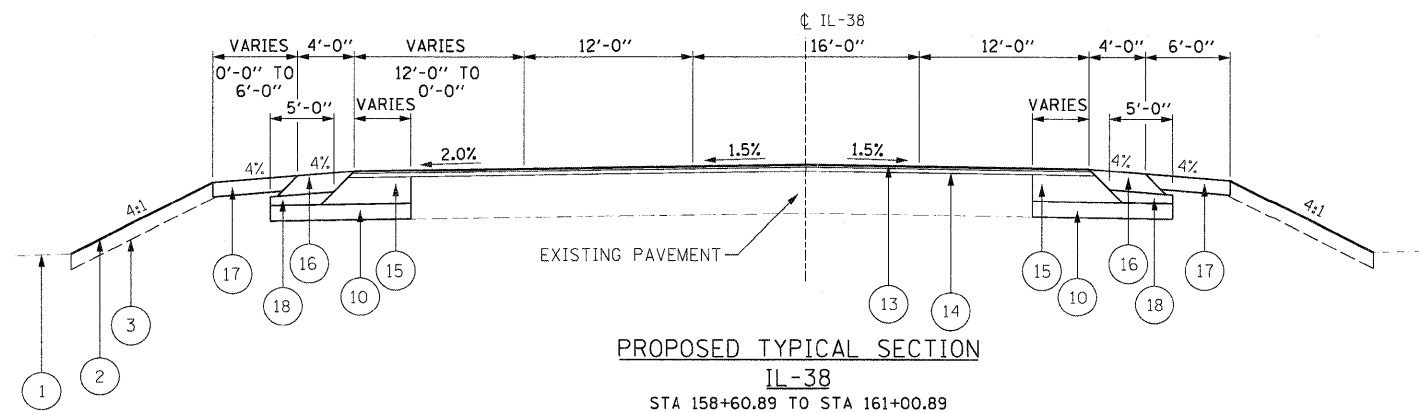
PROPOSED TYPICAL SECTION
EAST-WEST ROADWAY
STA 201+92.34 TO STA 212+27.49



PROPOSED TYPICAL SECTION
EAST-WEST ROADWAY
STA 217+24.83 TO STA 226+53.58



PROPOSED TYPICAL SECTION
IL-38
STA 156+20.89 TO STA 158+60.89



PROPOSED TYPICAL SECTION
IL-38
STA 158+60.89 TO STA 161+00.89

LAYOUT MWH 08/31/10 Husa/CCH
DRAWN MWH 11/04/10 /05/2010
REVIEWED CPA 11/24/10 /06/2010
C:\06\003\06010525\25\400\Draw\Sheet\564_TYP.dgn

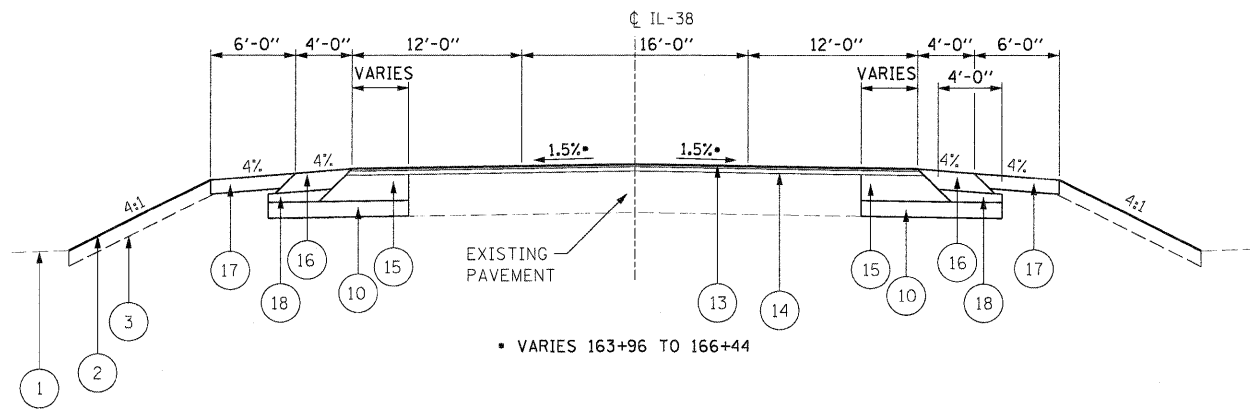
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

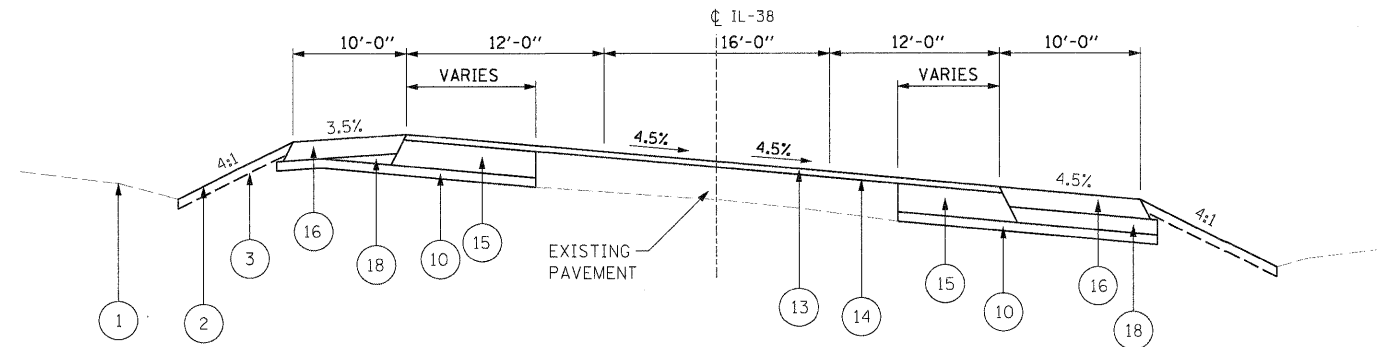
NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
TYPICAL SECTIONS

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

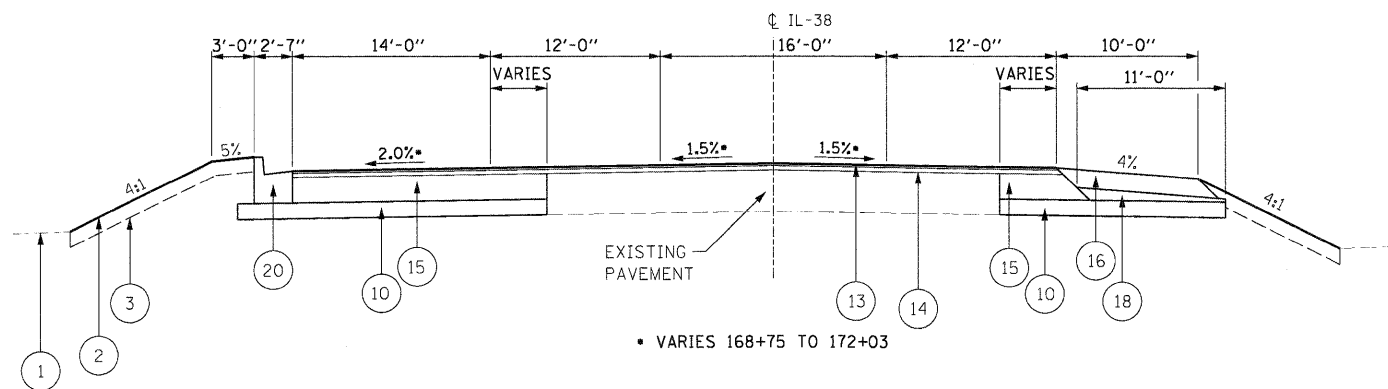
F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 87476		



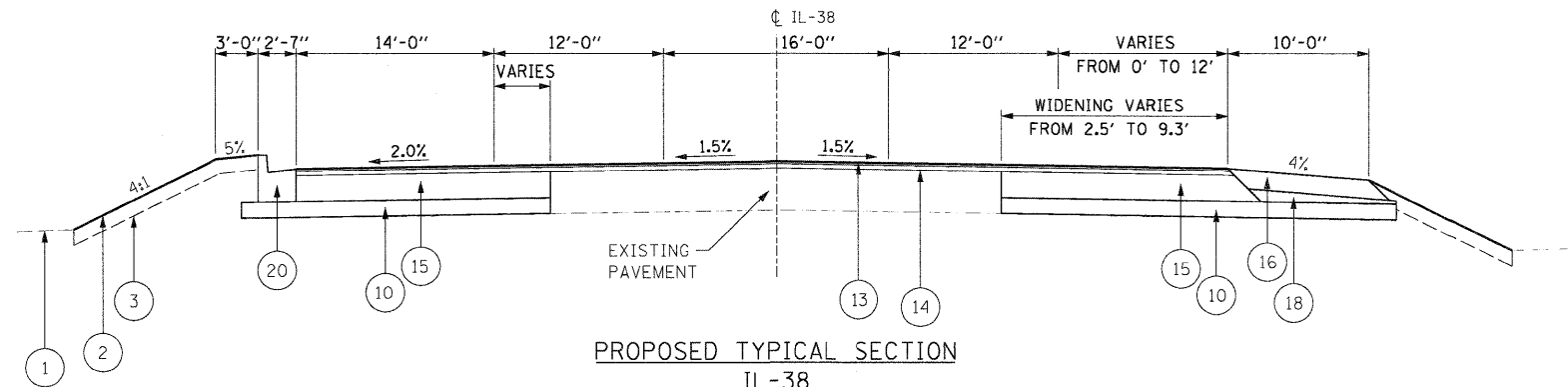
PROPOSED TYPICAL SECTION
IL-38
STA 161+00.89 TO STA 166+44



PROPOSED TYPICAL SECTION
IL-38
STA 166+44 TO STA 168+75



PROPOSED TYPICAL SECTION
IL-38
STA 168+75 TO STA 172+03



PROPOSED TYPICAL SECTION
IL-38
STA 174+44 TO STA 180+68.79

DATE: 08/31/10
DRAWN: MWH
CHECKED: DPA
REVIEWED: DPA
PLOT DATE: 11/05/2010

FILE NAME: C:\985_TYP.dgn	USER NAME: MWH	DESIGNED: DPA	REVISIONS:
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		CHECKED: DPA	REVISIONS:
		DATE: 11/04/10	REVISIONS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
TYPICAL SECTIONS

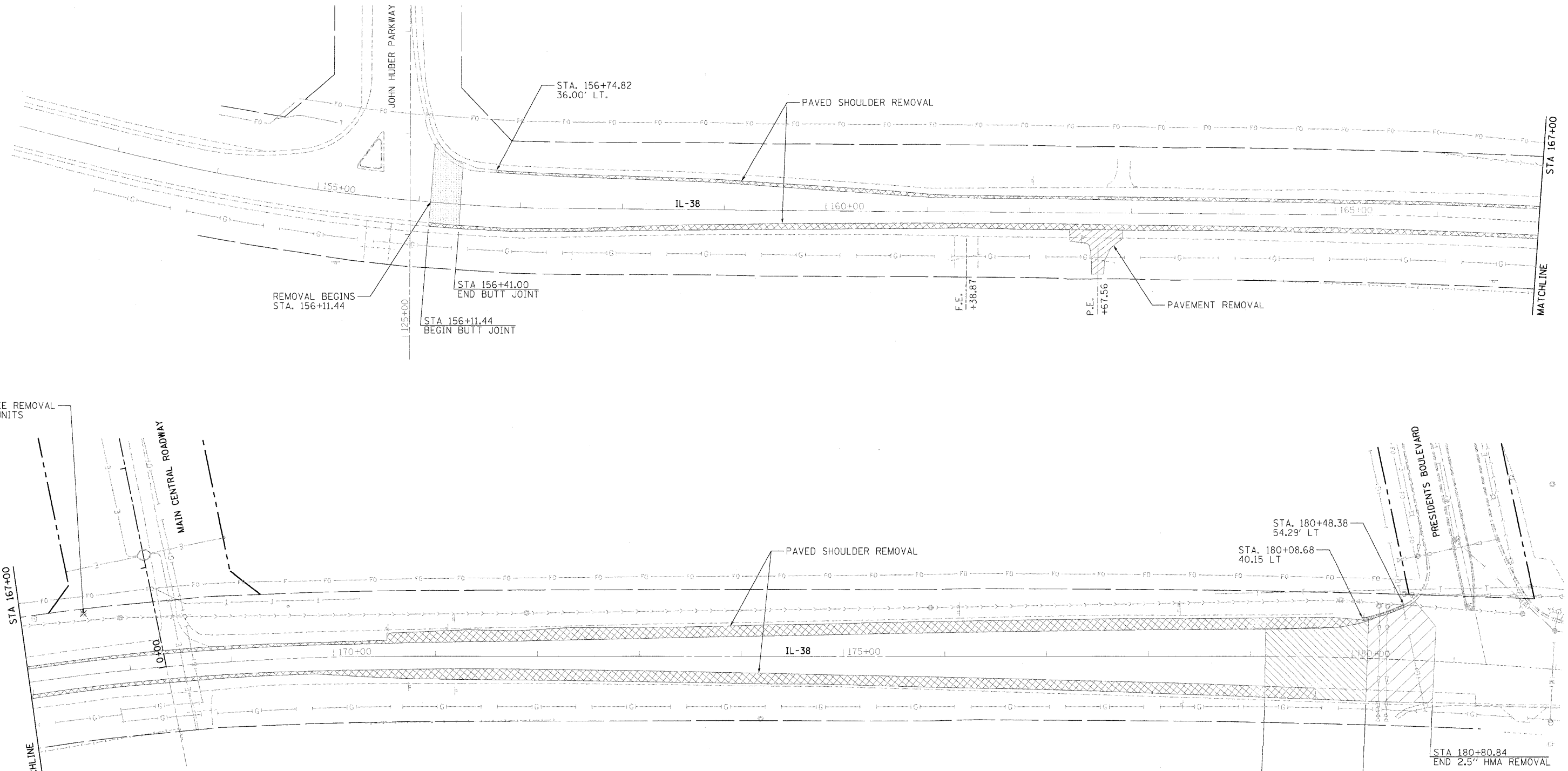
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	

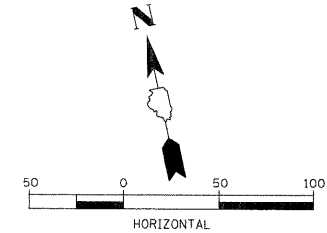


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 REVIEWED JSA 10/01/10 10:07:00
 C:\123\RFM.dgn



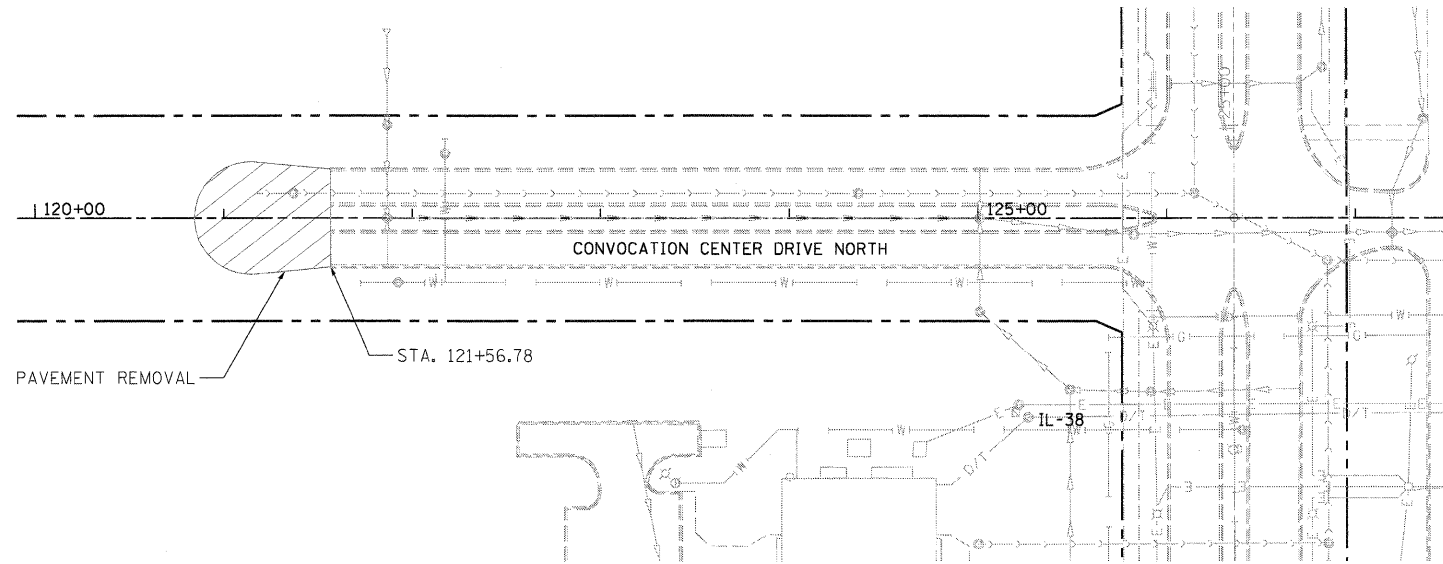
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, 2.5"
- HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- PAVED SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL



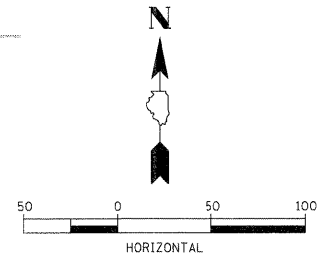
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	PLOT SCALE = 50.000' / 1"	DRAWN - MWH	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 167+00	CONTRACT NO. 87476				
	PLOT DATE = 11/05/2010	CHECKED - DPA	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 11/04/10	REVISED -									



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PAVEMENT REMOVAL



LAYOUT	MWH	08/27/10	Huss00411
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REVIEWED	DPA	10/01/10	J:\02\06\06\06\06\06\CADD\Road\Sheet\C-124-REM.dgn

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DESIGNED -	DPA
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CHECKED -	DPA
DATE -	11/04/10

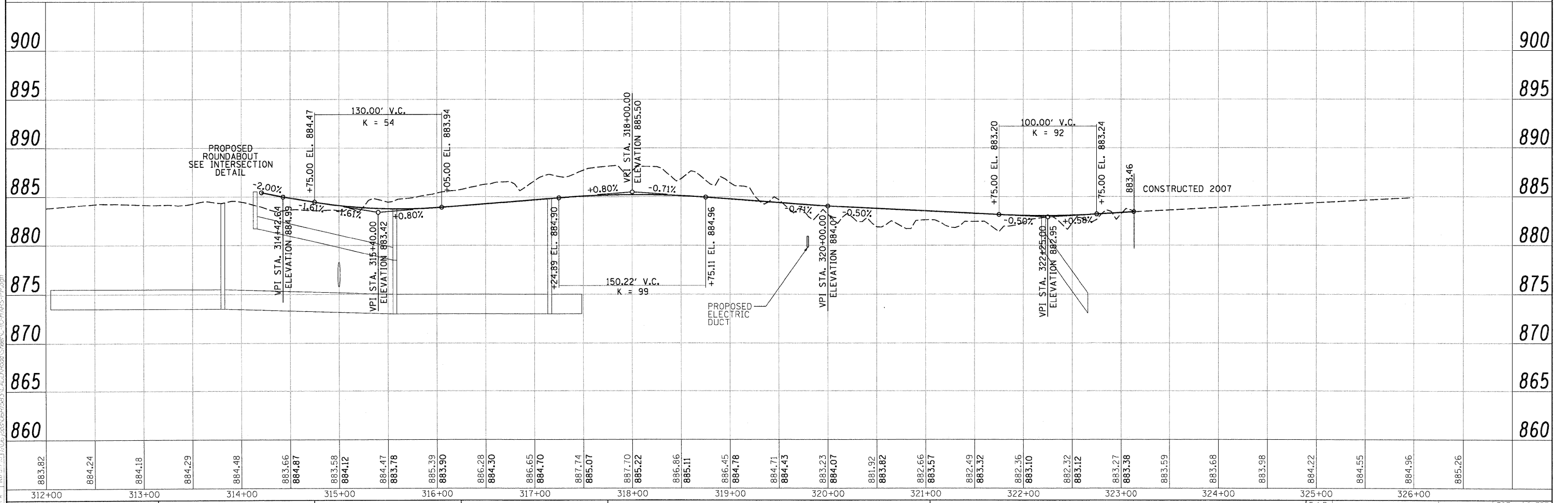
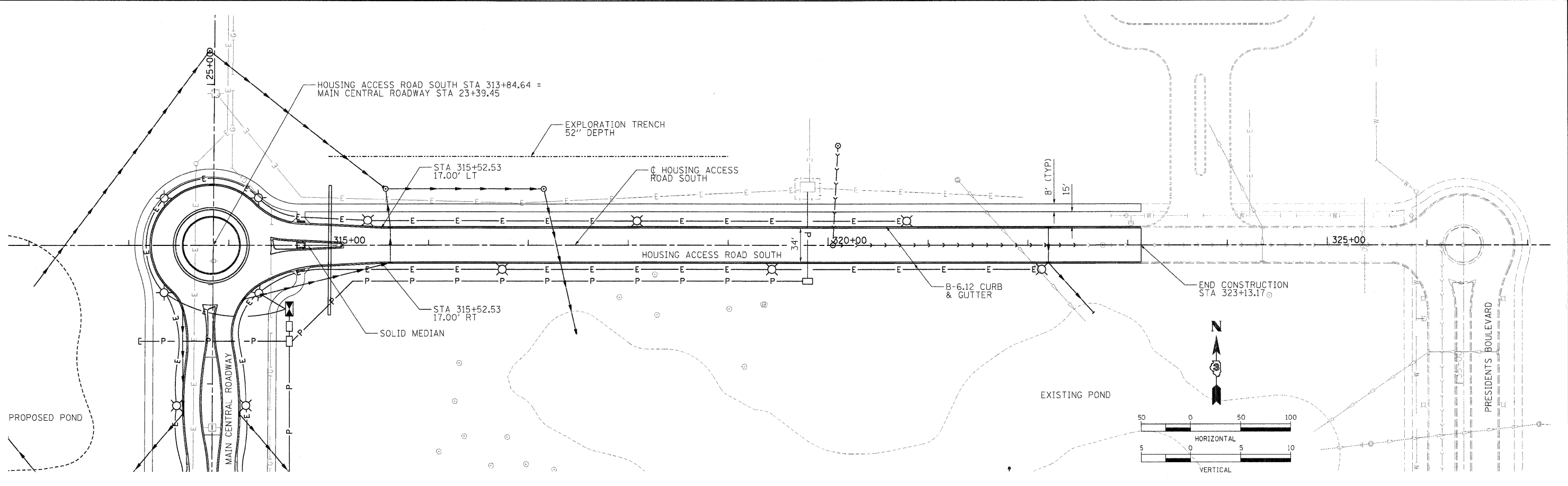
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 167+00 TO STA. 182+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	17
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				



LAYOUT: MWH 09/04/09 HusseDCA11
 DRAWN: MWH 10/01/10 11/05/2010
 REVIEWED: DPA 10/01/10 11/05/2010
 C:\110-HAHS-PP.dgn

312+00	883.82
313+00	884.24
314+00	884.18
315+00	884.29
316+00	884.48
317+00	884.66
318+00	884.87
319+00	883.58
320+00	884.12
321+00	884.47
322+00	883.78
323+00	885.39
324+00	883.90
325+00	886.28
326+00	884.30

317+00	886.65
318+00	884.70
319+00	887.74
320+00	885.07
321+00	887.70
322+00	885.22
323+00	886.86
324+00	885.11
325+00	886.45
326+00	884.78

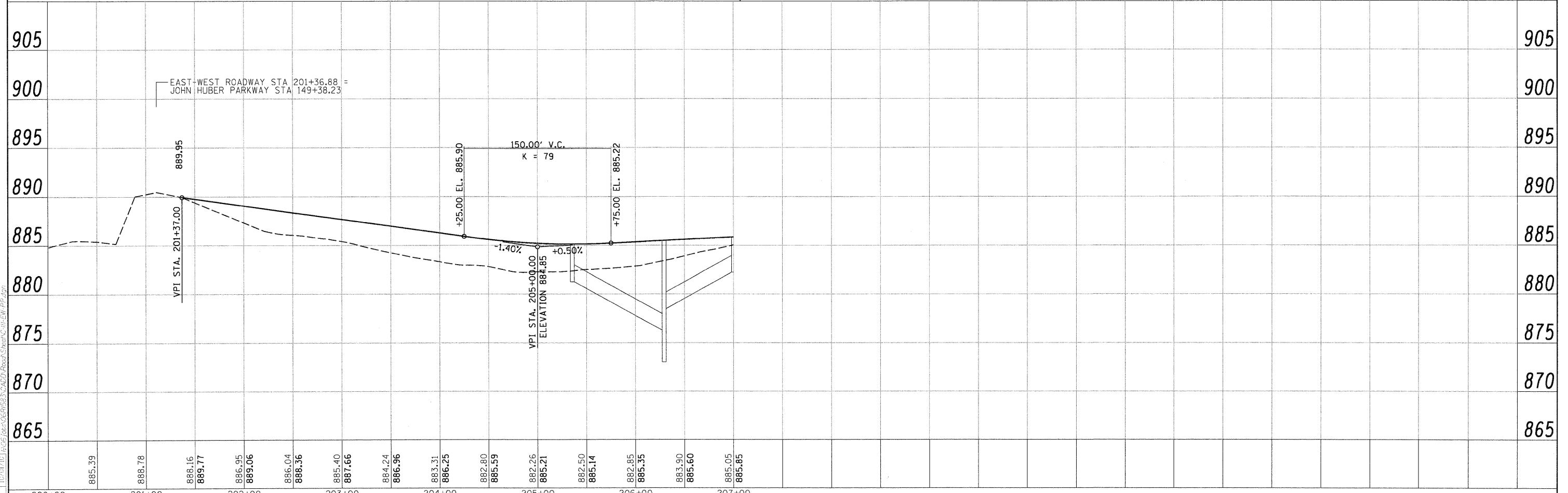
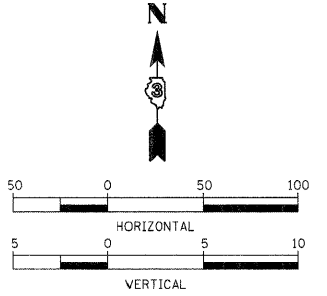
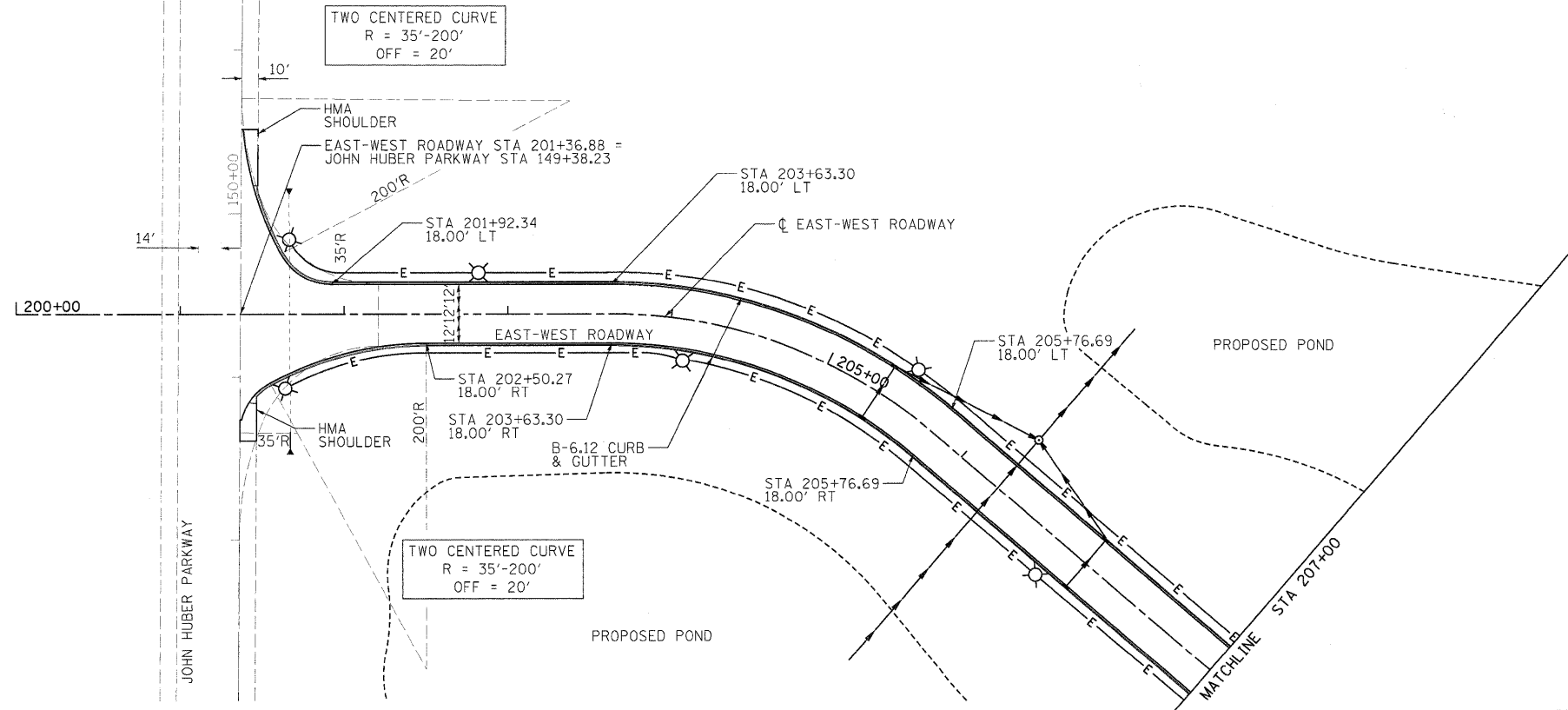
327+00	884.71
328+00	884.43
329+00	883.23
330+00	884.07
331+00	881.92
332+00	883.82
333+00	882.66
334+00	883.57
335+00	882.49
336+00	883.32
337+00	882.36
338+00	883.10
339+00	882.32
340+00	883.12
341+00	883.27
342+00	883.38
343+00	883.59
344+00	883.68
345+00	883.98
346+00	884.22
347+00	884.55
348+00	884.96
349+00	885.26

312+00	883.82
313+00	884.24
314+00	884.18
315+00	884.29
316+00	884.48
317+00	884.66
318+00	884.87
319+00	883.58
320+00	884.12
321+00	884.47
322+00	883.78
323+00	885.39
324+00	883.90
325+00	886.28
326+00	884.30
327+00	886.65
328+00	884.70
329+00	887.74
330+00	885.07
331+00	887.70
332+00	885.22
333+00	886.86
334+00	885.11
335+00	886.45
336+00	884.78
337+00	884.71
338+00	884.43
339+00	883.23
340+00	884.07
341+00	881.92
342+00	883.82
343+00	882.66
344+00	883.57
345+00	882.49
346+00	883.32
347+00	882.36
348+00	883.10
349+00	882.32
350+00	883.12
351+00	883.27
352+00	883.38
353+00	883.59
354+00	883.68
355+00	883.98
356+00	884.22
357+00	884.55
358+00	884.96
359+00	885.26

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 HOUSING ACCESS ROAD SOUTH PLAN AND PROFILE**
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 313+00 TO STA. 323+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	18
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				

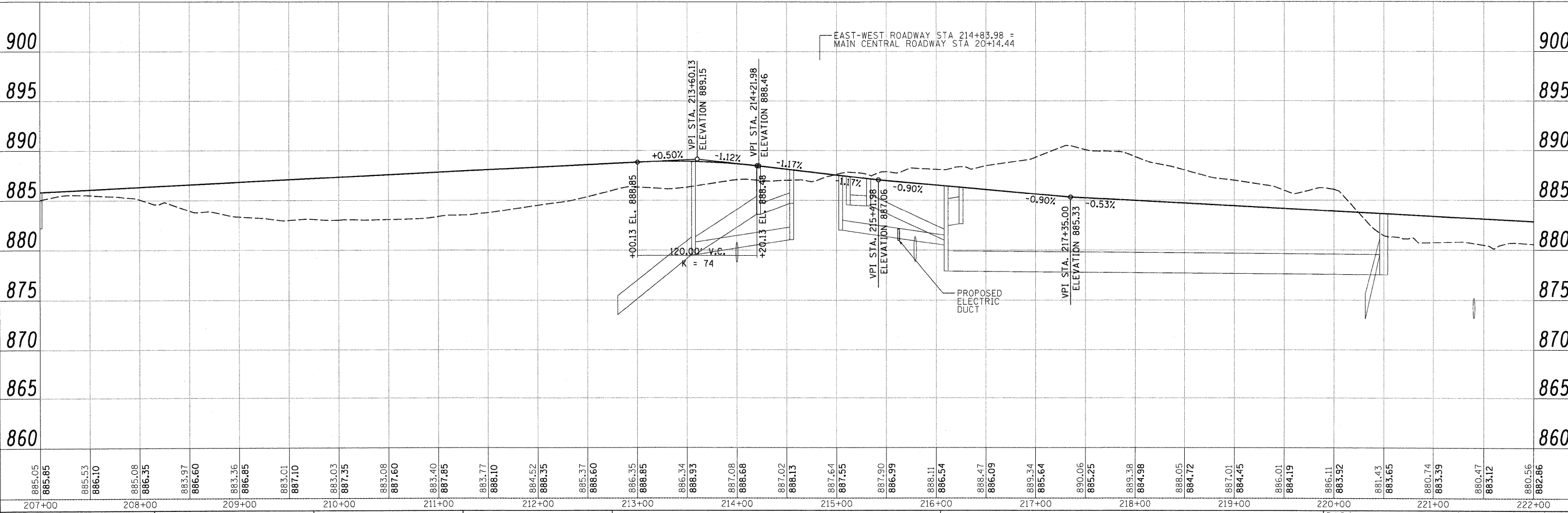
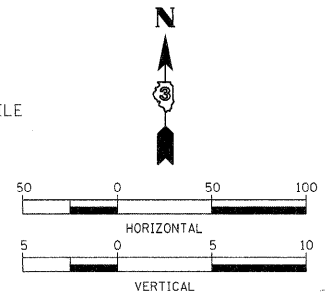
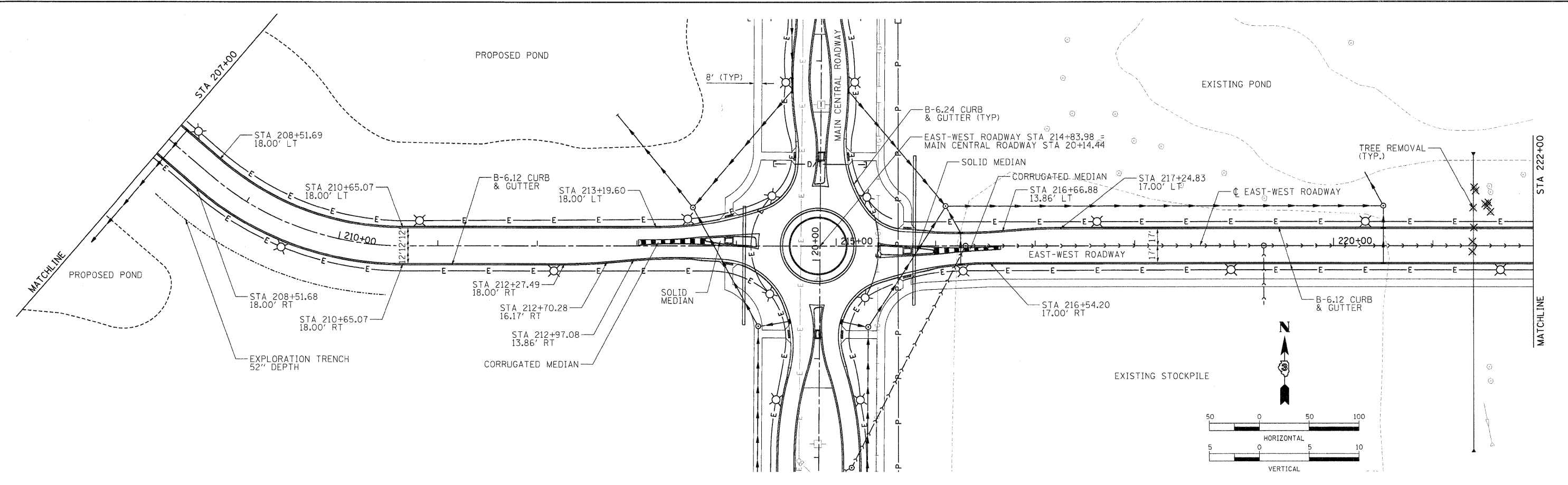


LAYOUT: MHP 09/25/09 Husu00411
DRAWN: MHP 10/21/10 / 10/26/2009
REVISION: DPA 10/01/10 / 10/26/2009
C:\111-EW-PP.dgn

200+00	885.39	888.78	888.16	889.77	886.95	889.06	886.04	888.36	885.40	887.66	884.24	886.96	883.31	886.25	882.80	885.59	882.26	885.21	882.50	885.14	882.85	885.35	883.90	885.60	885.05	885.85	207+00						
FILE NAME =		USER NAME = Husu00411		DESIGNED = DPA		REVISED =		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION																F.A.P. RTE. 567		SECTION 06-00002-00-PV		COUNTY DEKALB		TOTAL SHEETS 148		SHEET NO. 19	
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		PLOT DATE = 11/05/2010		CHECKED = DPA		REVISED =																		ILLINOIS FED. AID PROJECT									
				DATE = 11/04/10		REVISED =																											



Hanson Professional Services Inc.



LAYOUT MWH 08/25/09 Huss0041
 DRAWN MWH 10/01/10 10/09/2009
 REVIEWED DPA 10/01/10 J:\GIS\GIS\06R053\CADD\Road\2009\2009-11-04\11-04-PP.dgn

885.05	885.85	885.53	886.10	885.08	886.35	883.37	886.60	883.36	886.85	883.01	887.10	883.03	887.35	883.08	887.60	883.40	887.85	883.77	888.10	884.52	888.35	885.37	888.60	886.35	888.85	886.34	888.93	887.08	888.68	887.02	888.13	887.64	887.55	887.90	886.99	888.11	886.54	888.47	886.09	889.34	885.64	890.06	885.25	889.38	884.98	888.05	884.72	887.01	884.45	886.01	884.19	886.11	883.92	881.43	883.65	880.74	883.39	880.47	883.12	880.56	882.96
207+00		208+00		209+00		210+00		211+00		212+00		213+00		214+00		215+00		216+00		217+00		218+00		219+00		220+00		221+00		222+00																															

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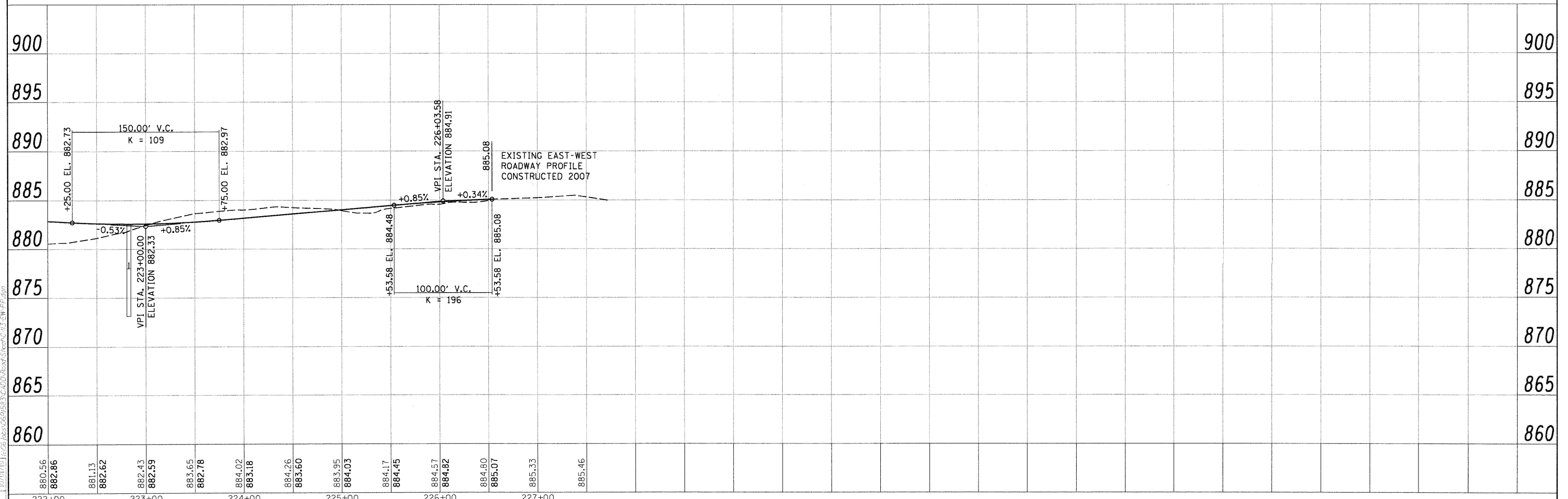
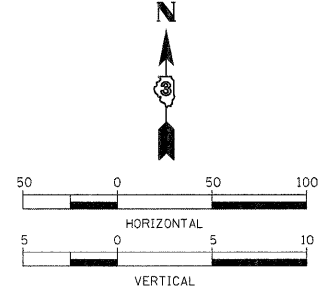
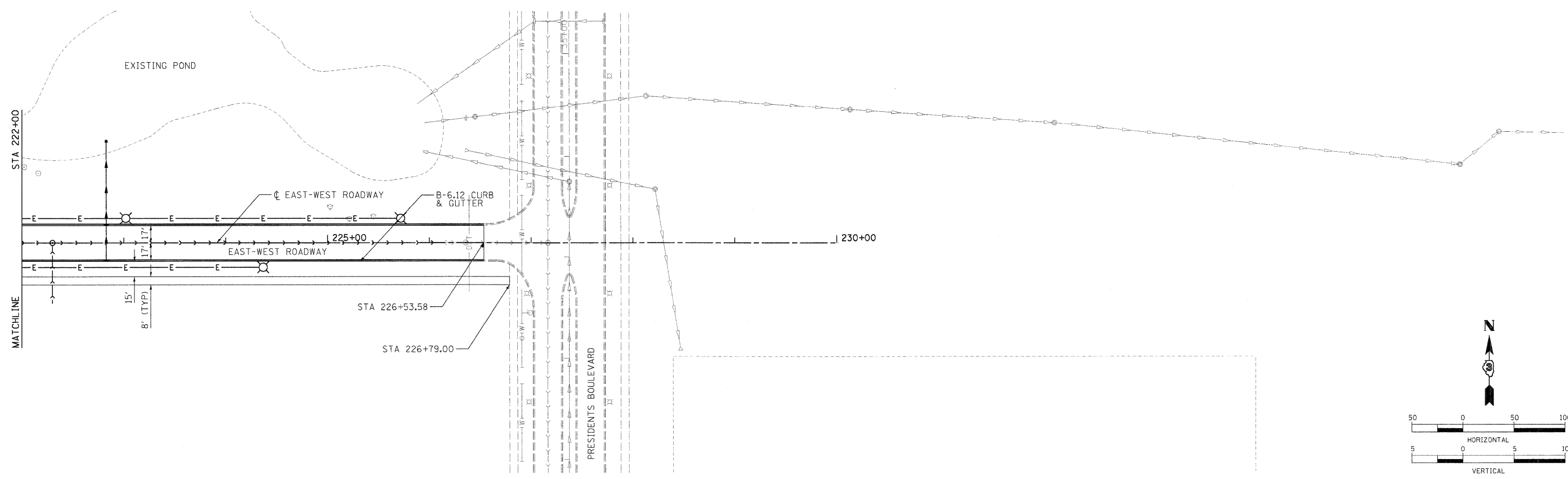
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 EAST-WEST ROADWAY PLAN AND PROFILE
 SCALE: 1" = 50'

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 20
CONTRACT NO. 87416				ILLINOIS FED. AID PROJECT



DATE: 11/04/10
 DRAWN: MWH
 CHECKED: DPA
 DATE: 11/04/10
 FILE NAME: C:\113-EW PP.dgn



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222+00	223+00	224+00	225+00	226+00	227+00																	

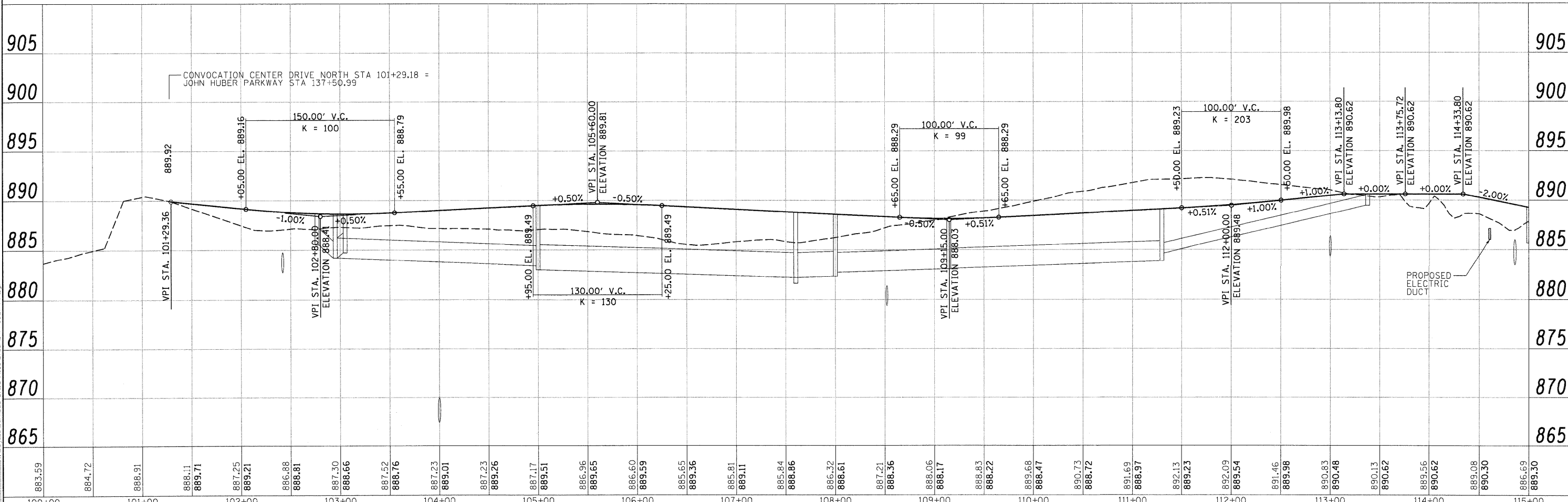
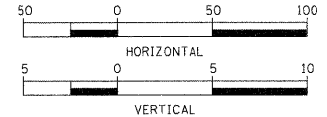
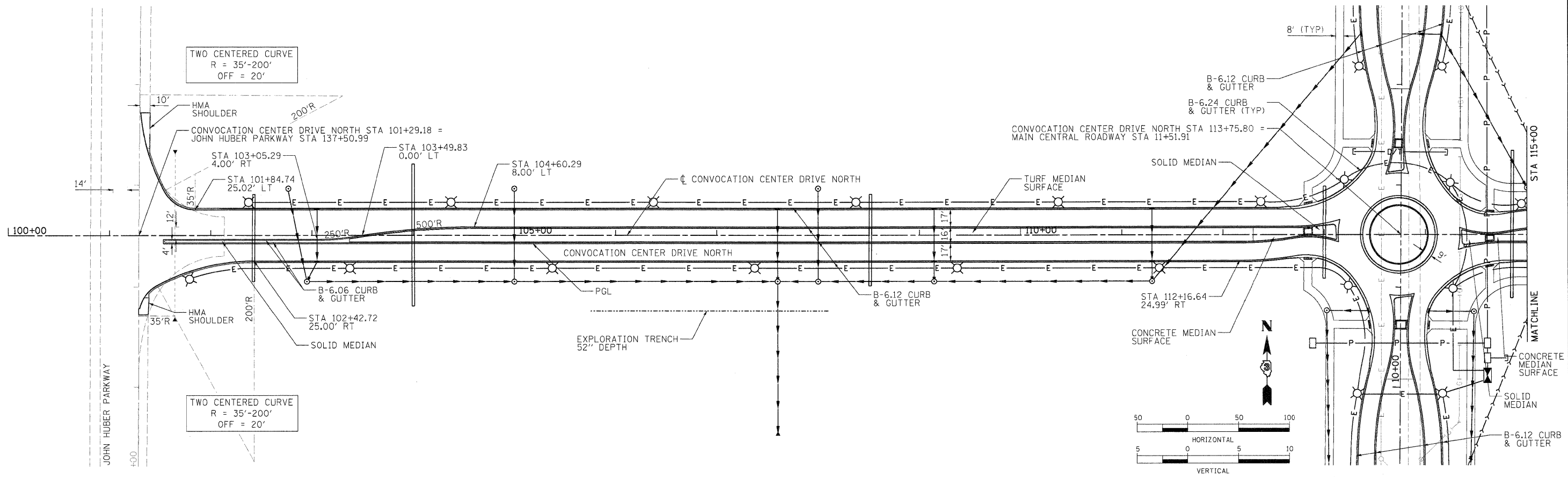
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		DATE - 11/04/10	REVISED -

STATE OF ILLINOIS			
DEPARTMENT OF TRANSPORTATION			
NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EAST-WEST ROADWAY PLAN AND PROFILE			
F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148
		SHEET NO. 21	
		CONTRACT NO. 87476	
ILLINOIS FED. AID PROJECT			

SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 222+00 TO STA. 227+00
-----------------	---------------------	----------------------------

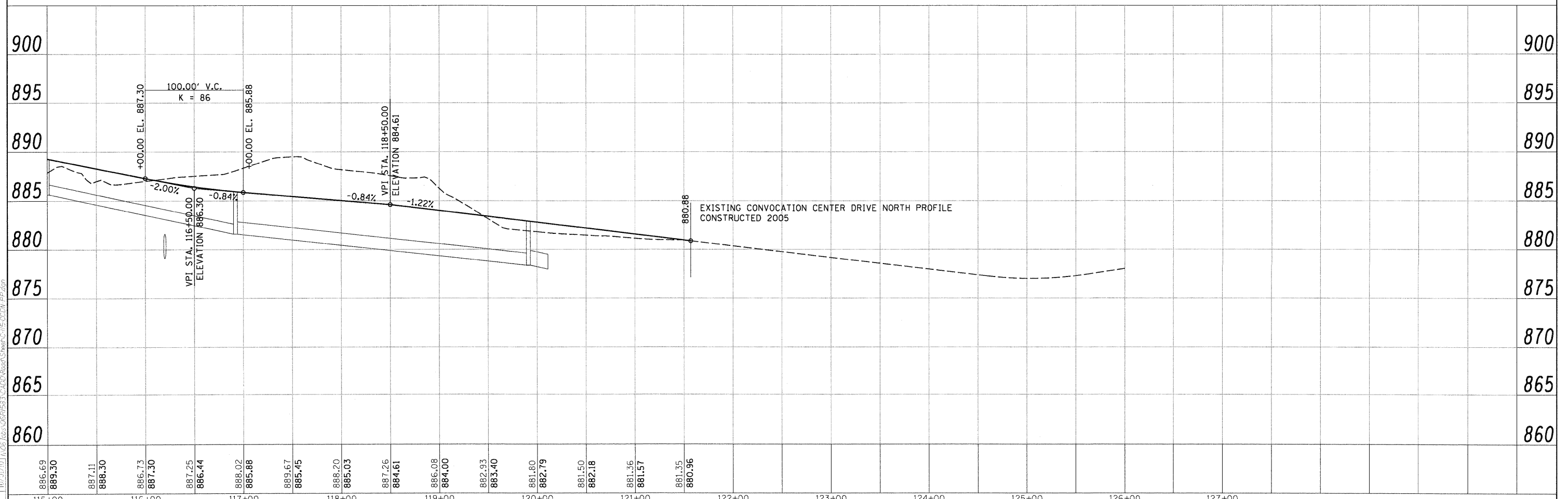
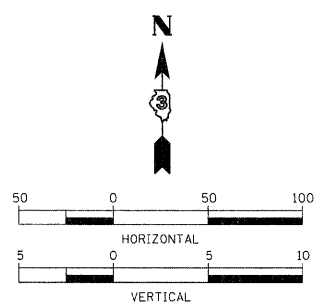
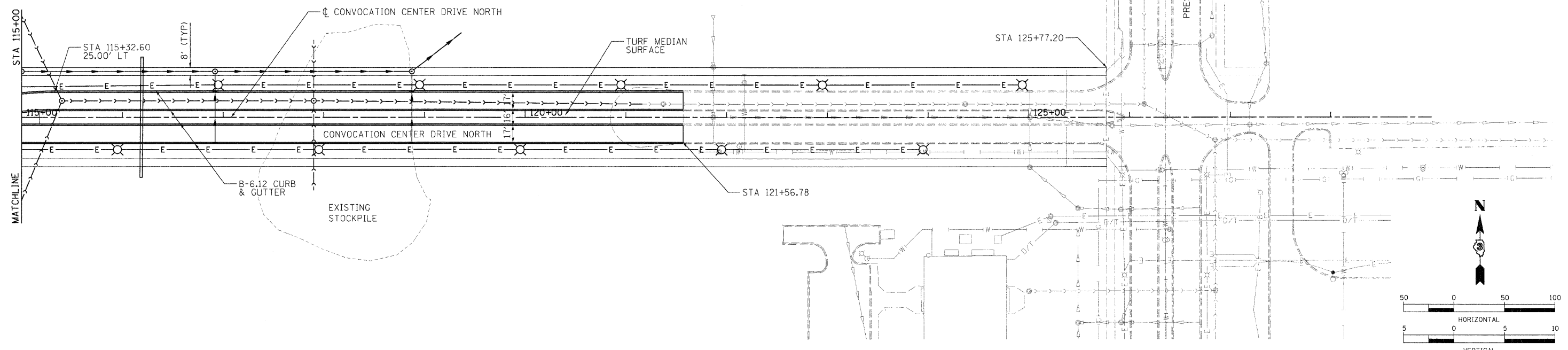


Hanson Professional Services Inc.



DATE	09/27/12	PROJECT	HUSSE02411
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		DESIGNED	DPA
		DRAWN	MWH
		CHECKED	DPA
		DATE	11/04/10

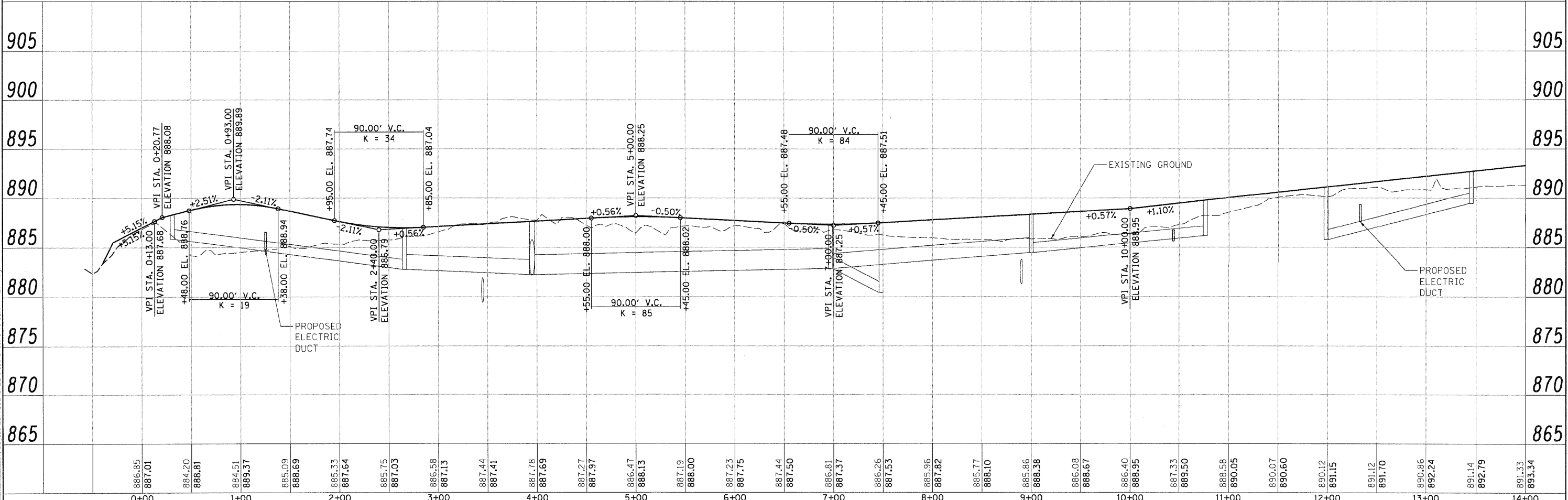
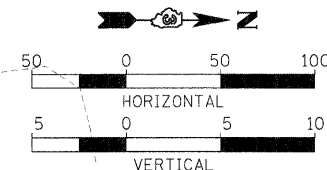
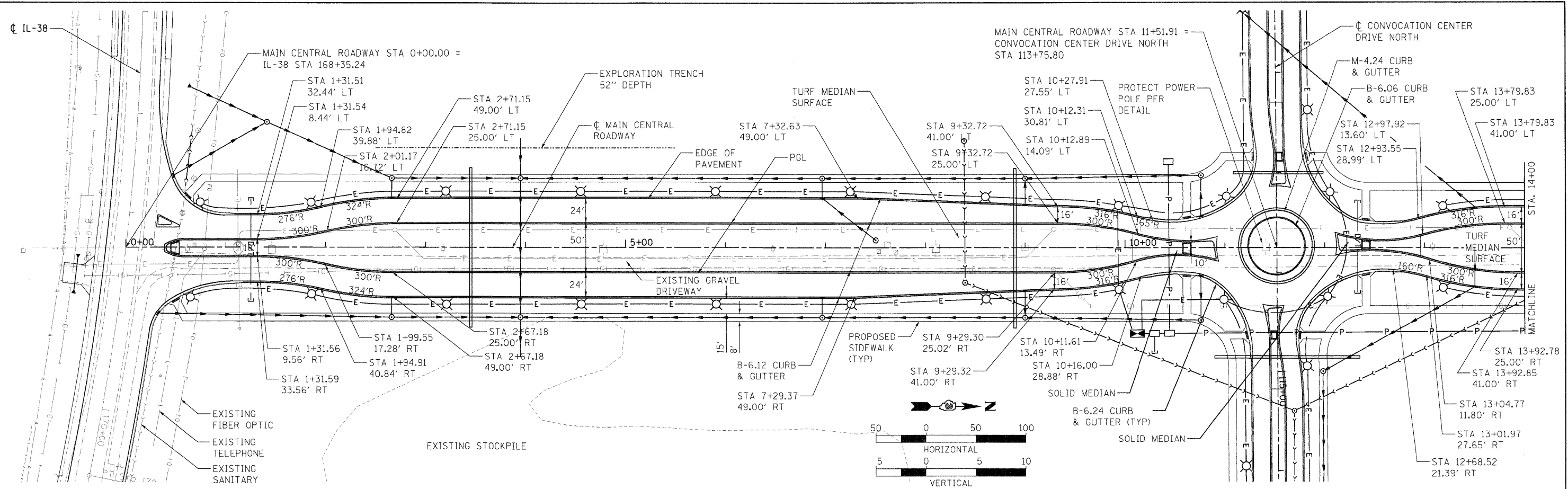
FILE NAME: C:\114-CCDN-PP.dgn	USER NAME: Huss02411	DESIGNED: DPA	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION CONVOCATION CENTER DRIVE NORTH PLAN AND PROFILE		F.A.P. RT. NO.: 567	SECTION: 06-00002-00-PV	COUNTY: DEKALB	TOTAL SHEETS: 148	SHEET NO.: 22
SCALE: 1" = 50'				SHEET NO. OF SHEETS		STA. 100+00 TO STA. 115+00		CONTRACT NO. 87476				



886.69	889.30	887.11	888.30	886.73	887.30	887.25	886.44	888.02	885.88	889.67	885.45	888.20	885.03	887.26	884.61	886.08	884.00	882.93	883.40	881.80	882.79	881.50	882.18	881.36	881.57	881.35	880.96
115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00															

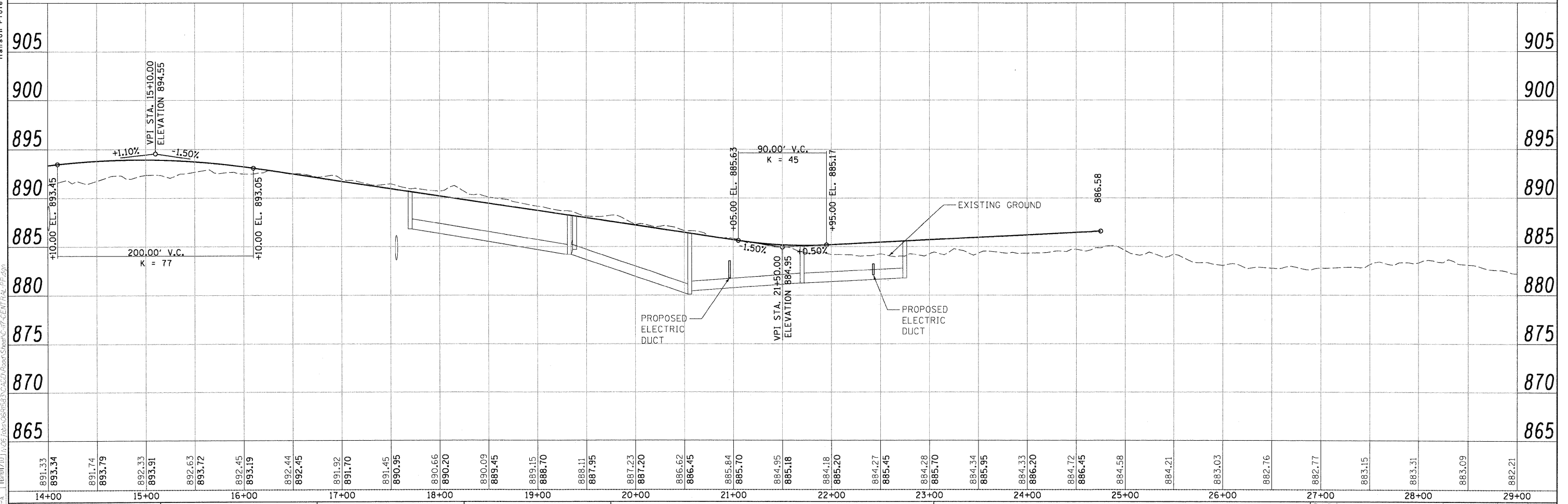
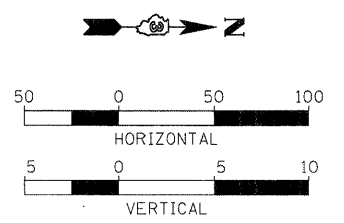
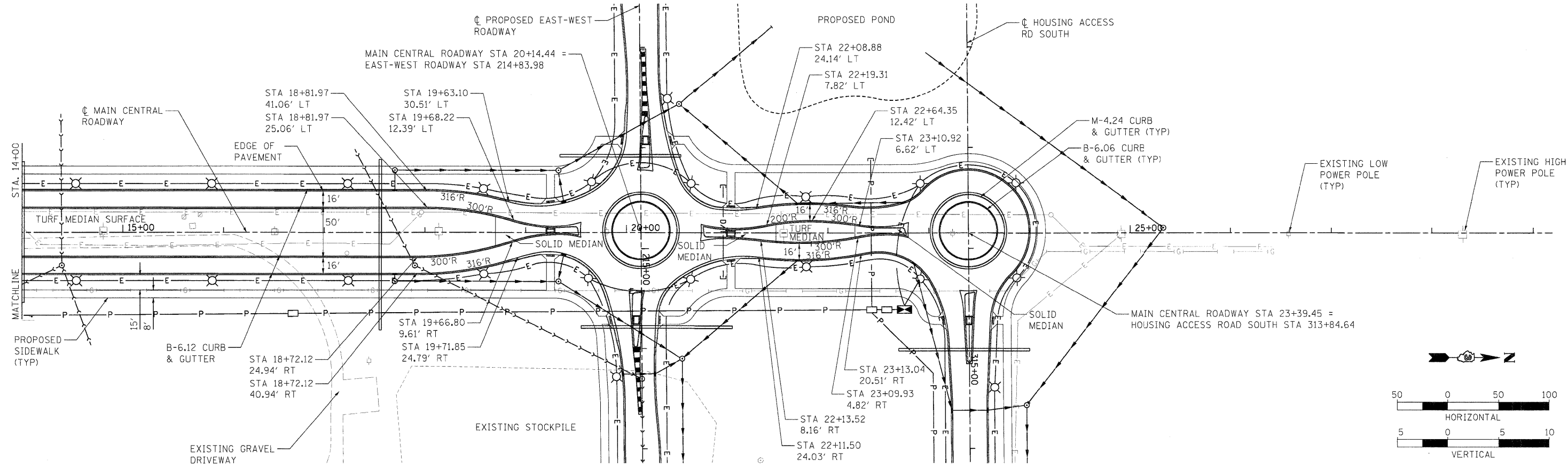
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	PLOT SCALE = 50.000' / 1" =	DRAWN - MWH	REVISD -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 115+00 TO STA. 122+00	CONTRACT NO. 87476		
	PLOT DATE = 11/05/2010	CHECKED - DPA	REVISD -			ILLINOIS FED. AID PROJECT					
		DATE = 11/04/10	REVISD -								

LAYOUT: MWH 09/02/10 Huser00411
 DRAWN: MWH 10/01/10 Huser00411
 REVISION: DPA 10/29/10 Huser00411



LAYOUT: MBH 03/16/08 HUS000411
 DRAWN: MBH 11/04/10 M05000
 REVIEWED: TPA 10/04/10 I:\06\10\08\563\000\Proj\Stn\AC-116-CENTRAL-PP.dgn

FILE NAME = C:\116-CENTRAL-PP.dgn	USER NAME = MNH	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION MAIN CENTRAL ROADWAY PLAN AND PROFILE	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 24
PLOT SCALE = 50.000 / 1"	CHECKED - DPA	REVISED -	SCALE: SHEET NO. OF SHEETS STA. 0+00 TO STA. 14+00			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476			
PLOT DATE = 11/05/2010	DATE = 11/04/10	REVISED -								



891.33	893.34	891.74	893.79	892.33	893.91	892.63	893.72	892.45	893.19	892.44	892.45	891.92	891.70	891.45	890.95	890.66	890.20	890.09	889.45	889.15	888.70	888.11	887.95	887.23	887.20	886.62	886.45	885.84	885.70	884.95	885.18	884.18	885.20	884.27	885.45	884.28	885.70	884.34	885.95	884.33	886.20	884.72	886.45	884.58	884.21	883.03	882.76	882.77	883.15	883.31	883.09	882.21
14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00																																					

FILE NAME = C:\117-CENTRAL-PP.dgn
 USER NAME = MWH
 DESIGNED - DPA
 DRAWN - MWH
 CHECKED - DPA
 PLOT DATE = 11/05/2010

REVISOR -
 REVISION -
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 MAIN CENTRAL ROADWAY PLAN AND PROFILE

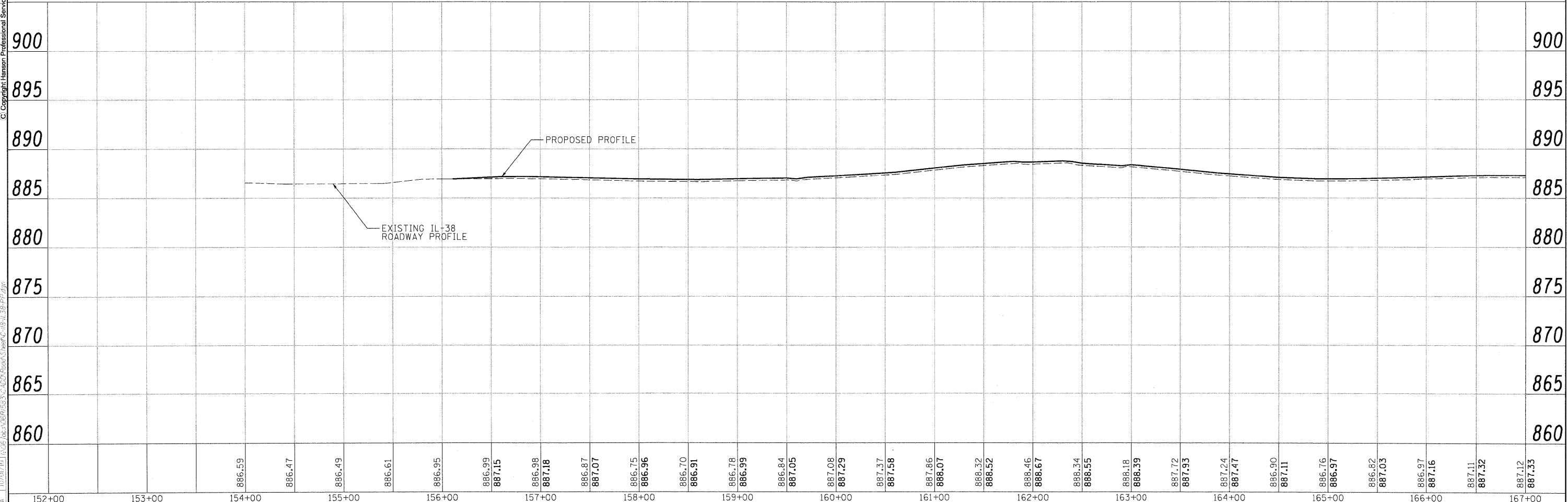
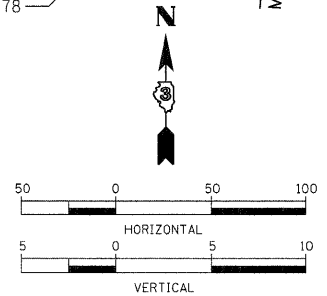
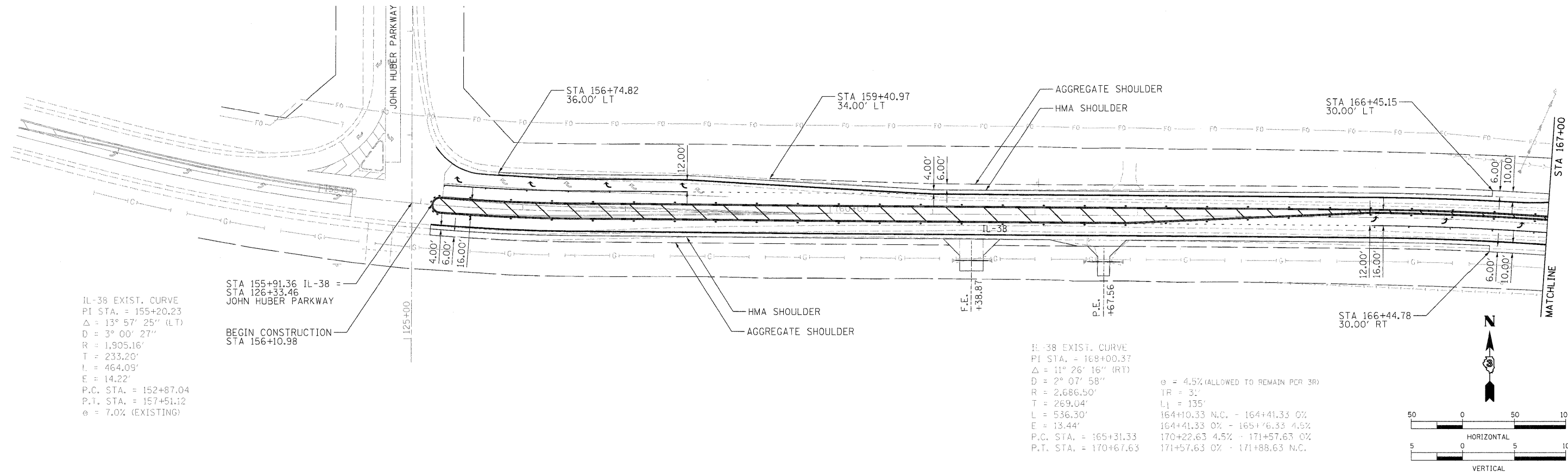
SCALE: SHEET NO. OF SHEETS STA. 14+00 TO STA. 24+00

F.A.P. RTE. 567	SECTION 06-0002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 25
CONTRACT NO. 87476			ILLINOIS FED. AID PROJECT	

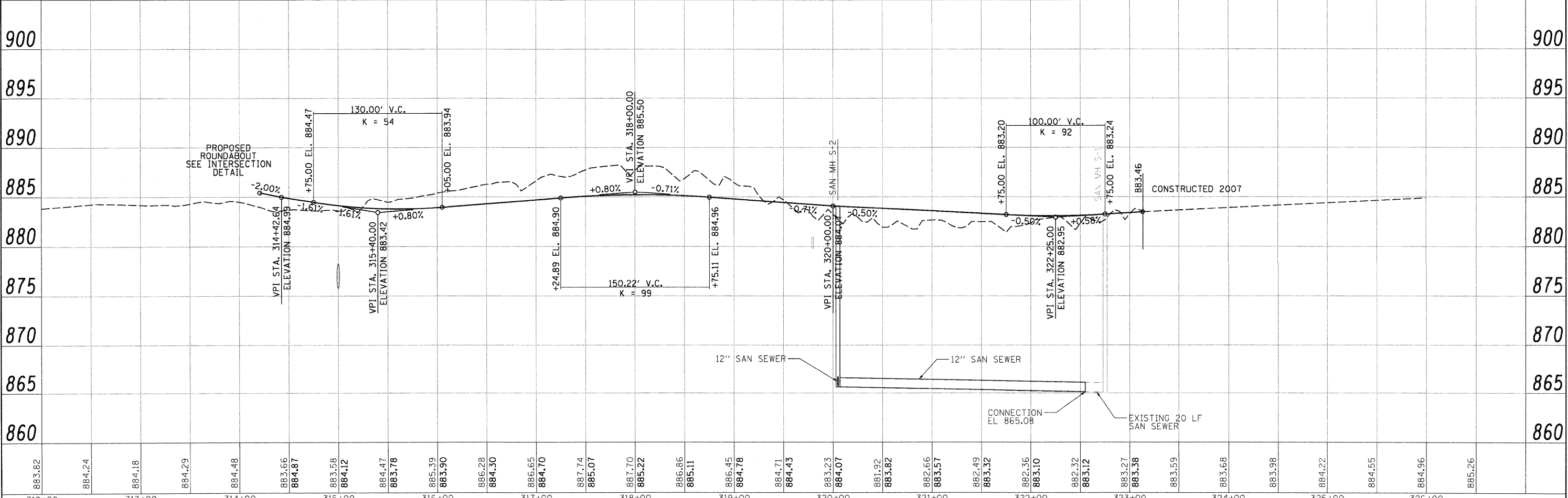
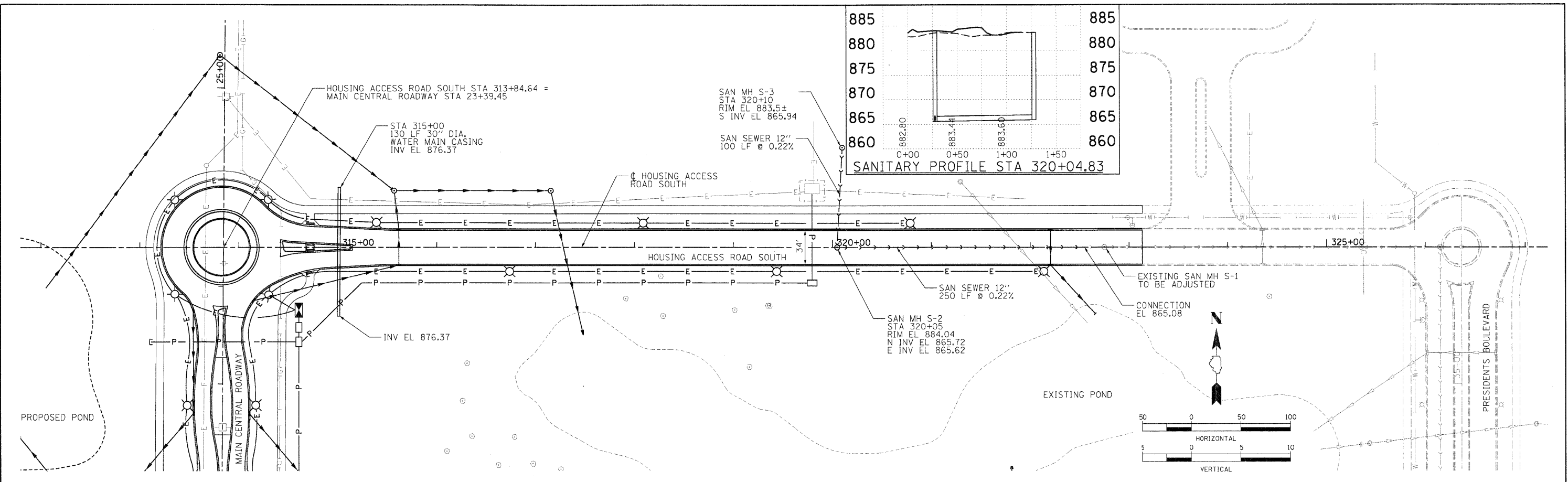


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LAYOUT: MWH 10/27/10 Huser/0441
DRAWN: MWH 10/27/10 Huser/0441
CHECKED: DPA 10/27/10 Huser/0441
REVISIONS: 10/27/10 Huser/0441

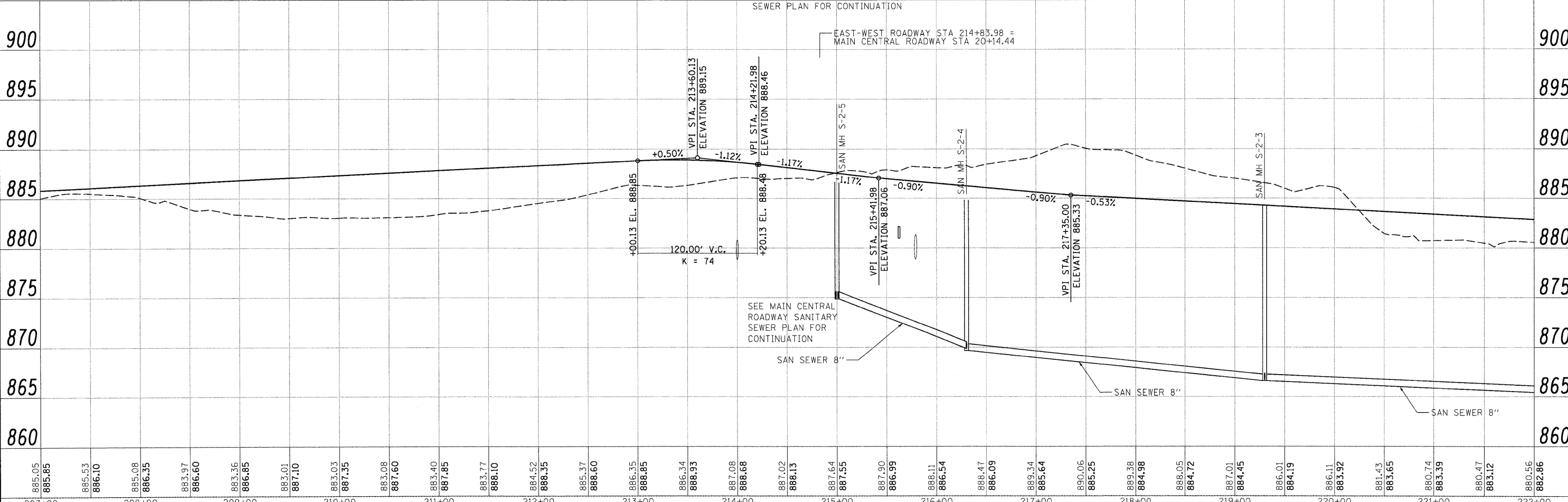
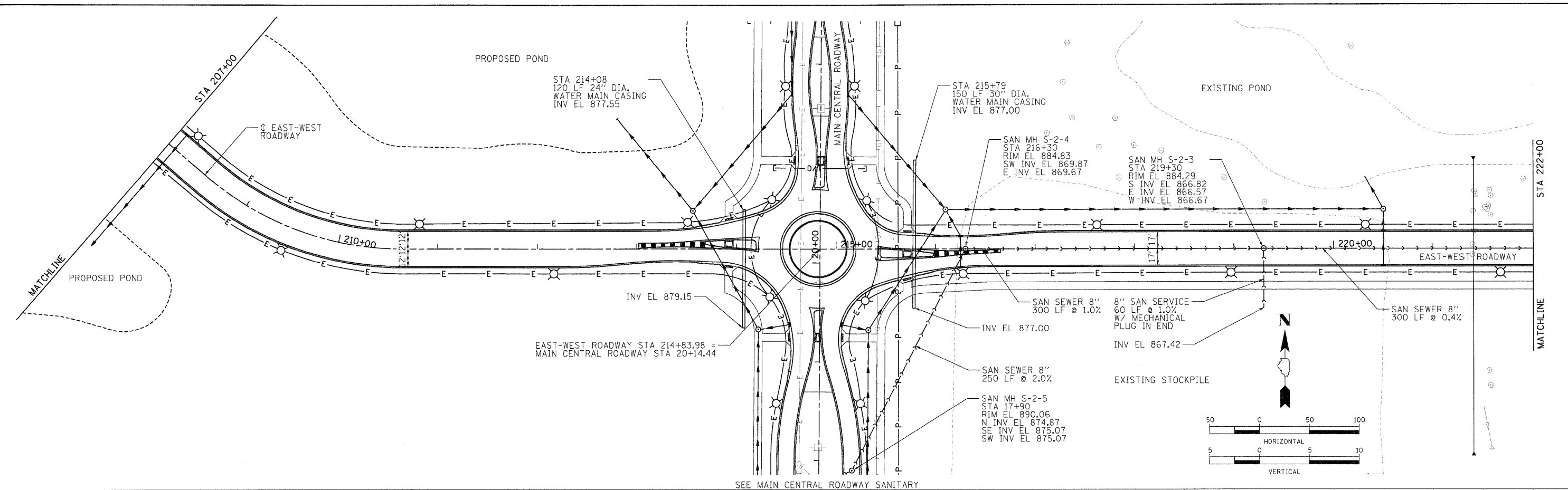


FILE NAME: C-118-IL38-PP.dgn	USER NAME: Huser/0441	DESIGNED: DPA	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION FIGURE 3 IL-38 PLAN AND PROFILE		F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 26	CONTRACT NO. 87476
PLOT SCALE: 50.000' / in.	PLOT DATE: 11/04/10	DRAWN: MWH	CHECKED: DPA	DATE: 11/04/10	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 167+00	ILLINOIS FED. AID PROJECT					



LAYOUT MH 05/09/10 Huss00411
 DRAWN MH 09/09/10 Huss00411
 REVIEWED CRC 09/09/10 Huss00411

FILE NAME = C:\140 SAN-HARS.dgn	USER NAME = Huss00411	DESIGNED - CRC	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY WEST CAMPUS EXPANSION HOUSING ACCESS ROAD SOUTH SANITARY SEWER	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 28		
PLDT SCALE = 50.000' / 1" =	CHECKED - CRC	DATE - 11/04/10	REVISD -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 313+00 TO STA. 323+00	CONTRACT NO. 87476			
PLDT DATE = 11/05/2010	DATE - 11/04/10	REVISD -	REVISD -			ILLINOIS FED. AID PROJECT						



LAYOUT: MWH 05/25/09 Husu0041
 DRAWN: MWH 09/09/10 HUSU0040
 REVIEWED: CPC 10/27/09 HUSU0041

885.05	885.85	885.53	886.10	885.08	886.35	883.97	886.60	883.36	886.85	883.01	887.10	883.03	887.35	883.08	887.60	883.40	887.85	883.77	888.10	884.52	888.35	885.37	888.60	886.35	888.85	886.34	888.93	887.08	888.68	887.02	888.13	887.64	887.55	887.90	886.99	888.11	886.54	888.47	886.09	889.34	885.64	890.06	885.25	889.38	884.98	888.05	884.72	887.01	884.45	886.01	884.19	886.11	883.92	881.43	883.65	880.74	883.39	880.47	883.12	880.56	882.86
207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00																																														

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

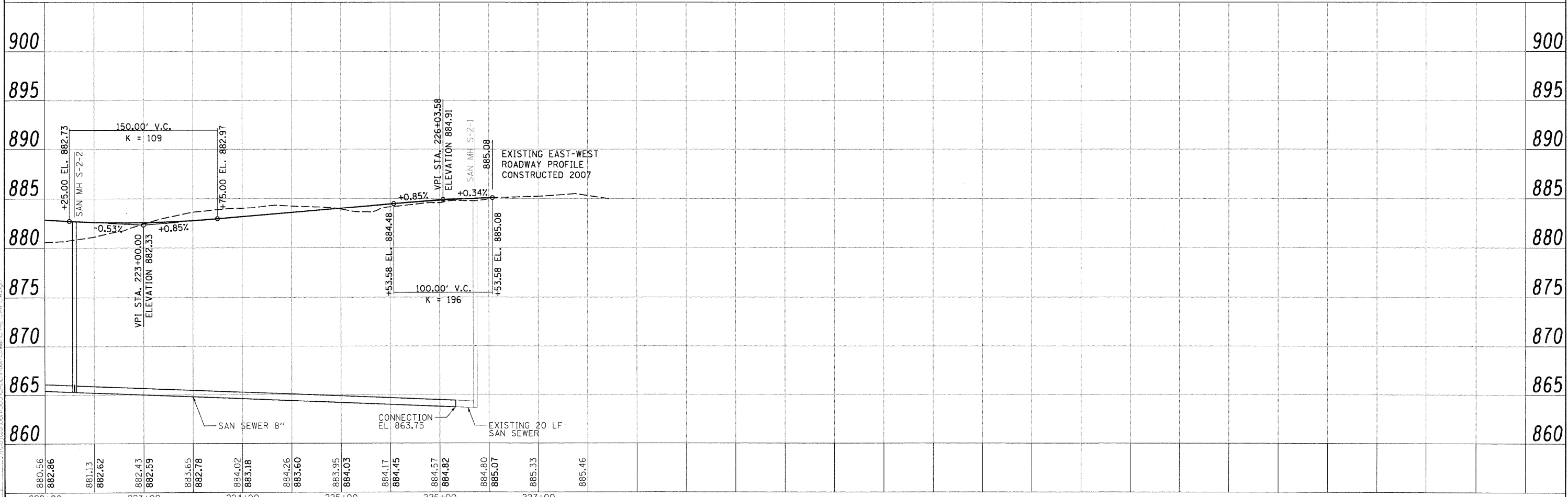
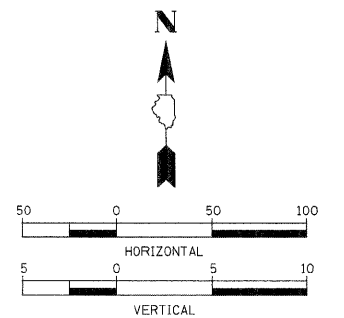
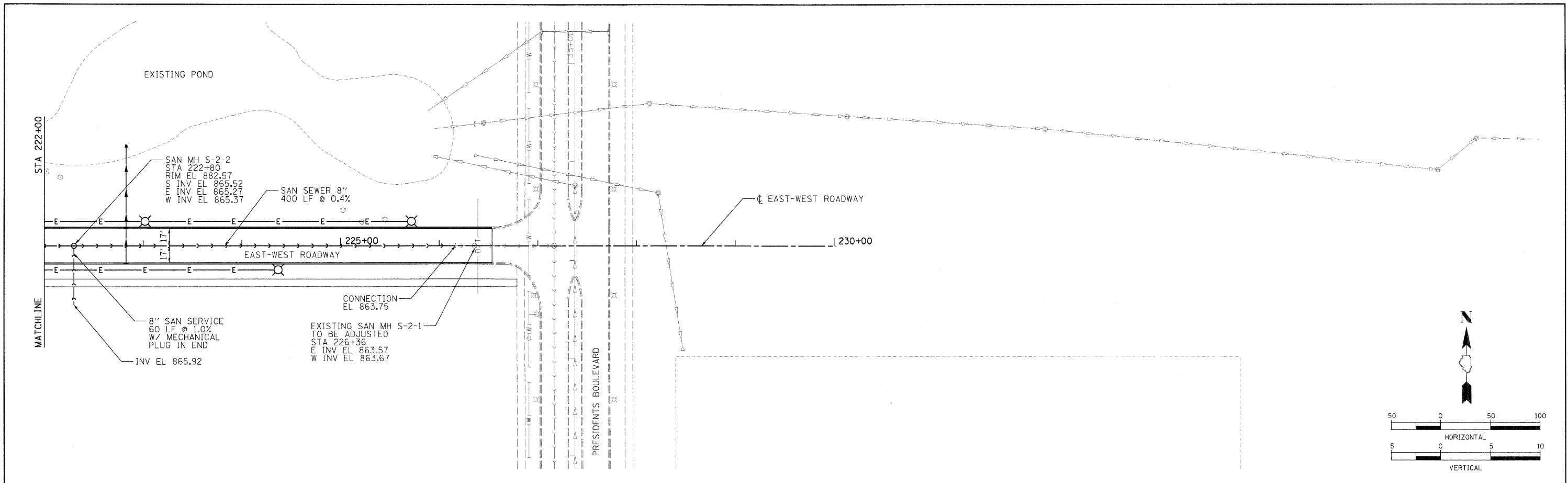
NORTHERN ILLINOIS UNIVERSITY
WEST CAMPUS EXPANSION
EAST-WEST ROADWAY SANITARY SEWER

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 29
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				

FILE NAME: C:\141\SAN-F.W.dgn	USER NAME: Husu0041	DESIGNED: CRC	REVISED: -
PLOT SCALE: 50.000 / 1.0	CHECKED: CRC	DRAWN: MWH	REVISED: -
PLOT DATE: 11/04/10	DATE: 11/04/10	REVIEWED: -	REVISED: -



Hanson Professional Services Inc.



LAYOUT: MWH 08/25/09 Huser0041
 DRAWN: MWH 09/09/10 Huser0041
 REVISED: CRC 11/04/10 Huser0041

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		DRAWN - MWH	REVISED -
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		DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

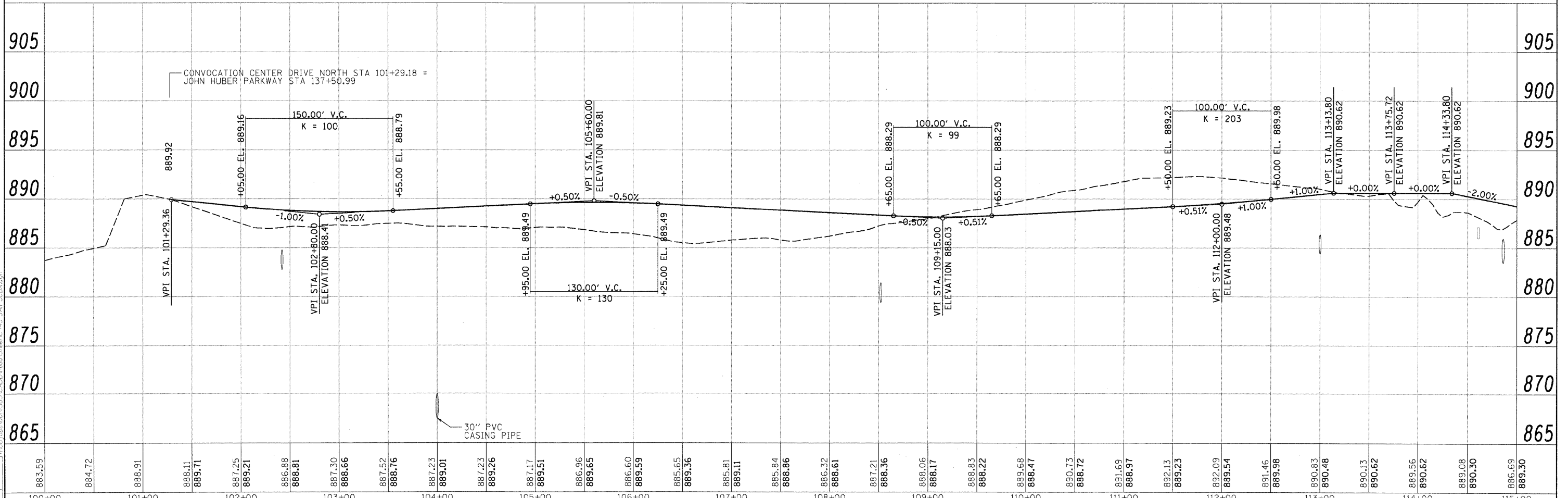
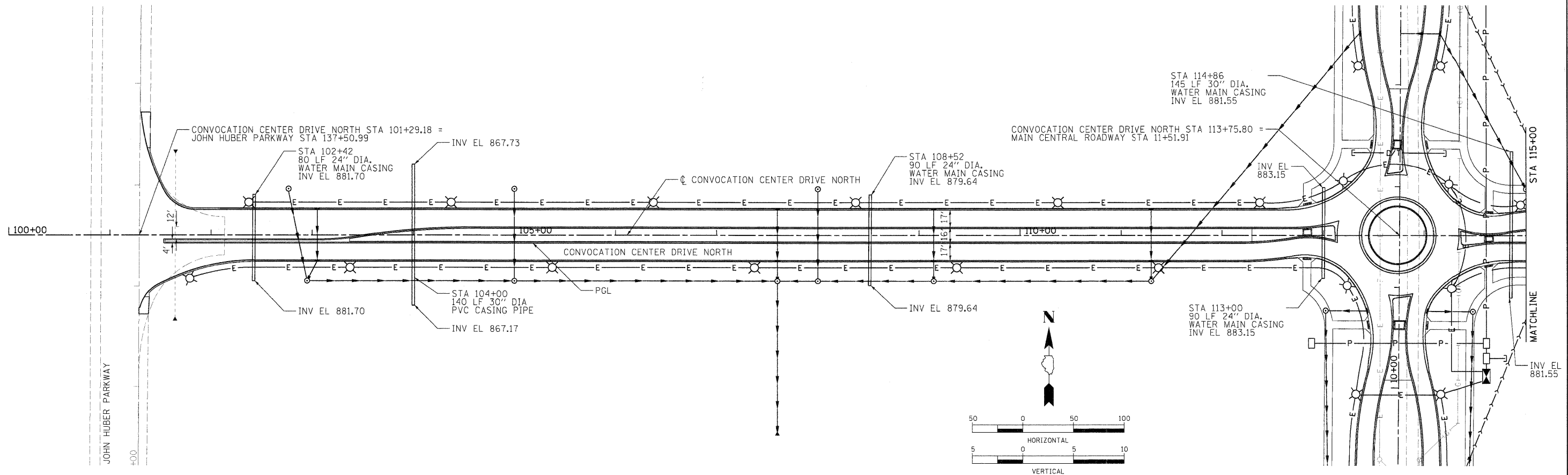
**NORTHERN ILLINOIS UNIVERSITY
 WEST CAMPUS EXPANSION
 EAST-WEST ROADWAY SANITARY SEWER**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 222+00 TO STA. 227+00

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



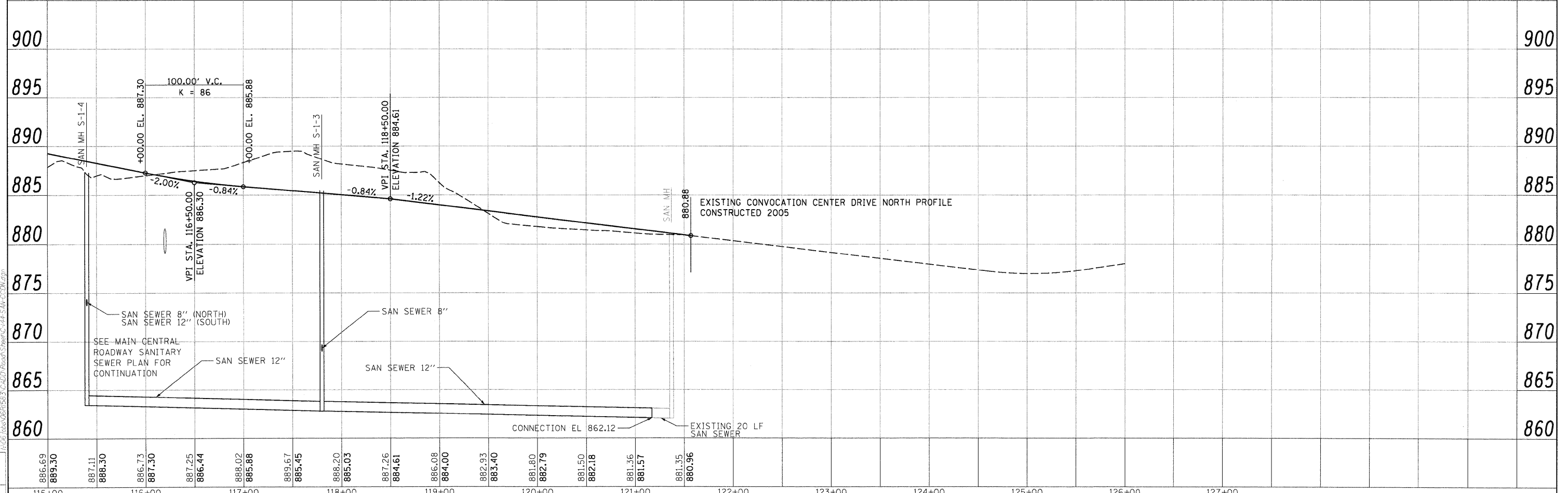
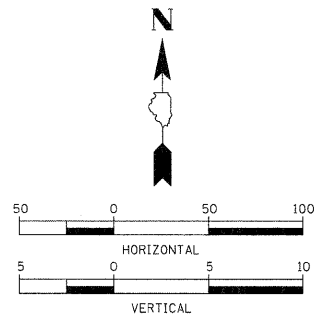
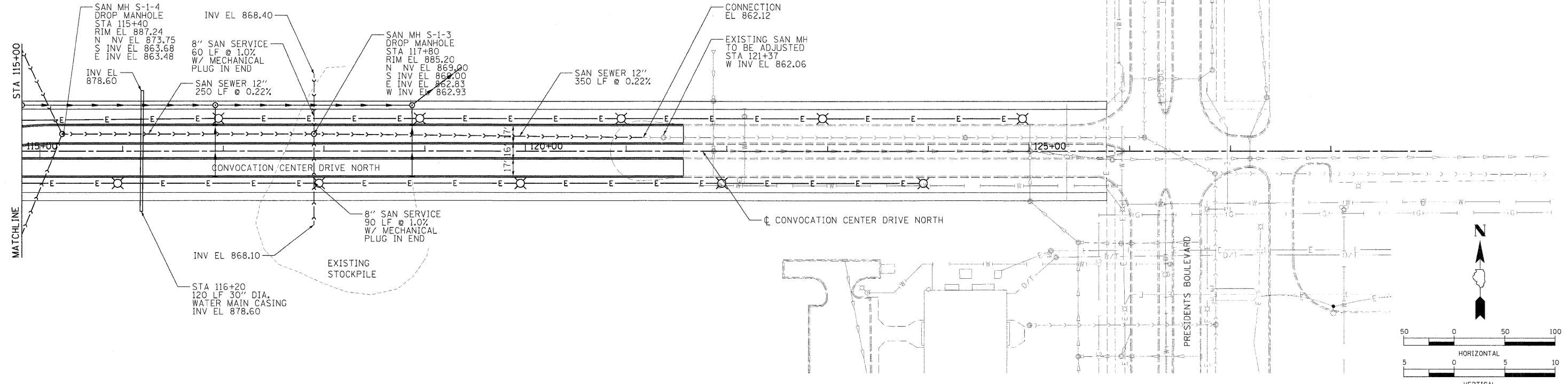
Hanson Professional Services Inc.



LAYOUT: 09/09/10 HUS0024H
DRAWN: MWH 09/09/10 HUS0024H
REVIEWED: CRC 11/05/2010

FILE NAME = C:\143-SAN-CCDN.dgn	USER NAME = Huser00411	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY WEST CAMPUS EXPANSION CONVOCATION CENTER DRIVE NORTH SANITARY SEWER	F.A.P. RTE. = 567	SECTION = 06-00002-00-PV	COUNTY = DEKALB	TOTAL SHEETS = 148	SHEET NO. = 31	
PLOT SCALE = 50.000' / in.	CHECKED - CRC	REVISED -	SCALE: 1" = 50'			SHEET NO. OF SHEETS	STA. 100+00 TO STA. 115+00	CONTRACT NO. 87476		ILLINOIS FED. AID PROJECT	
PL01 DATE = 11/05/2010	DATE = 11/04/10	REVISED -									

SEE MAIN CENTRAL
ROADWAY SANITARY
SEWER PLAN FOR
CONTINUATION

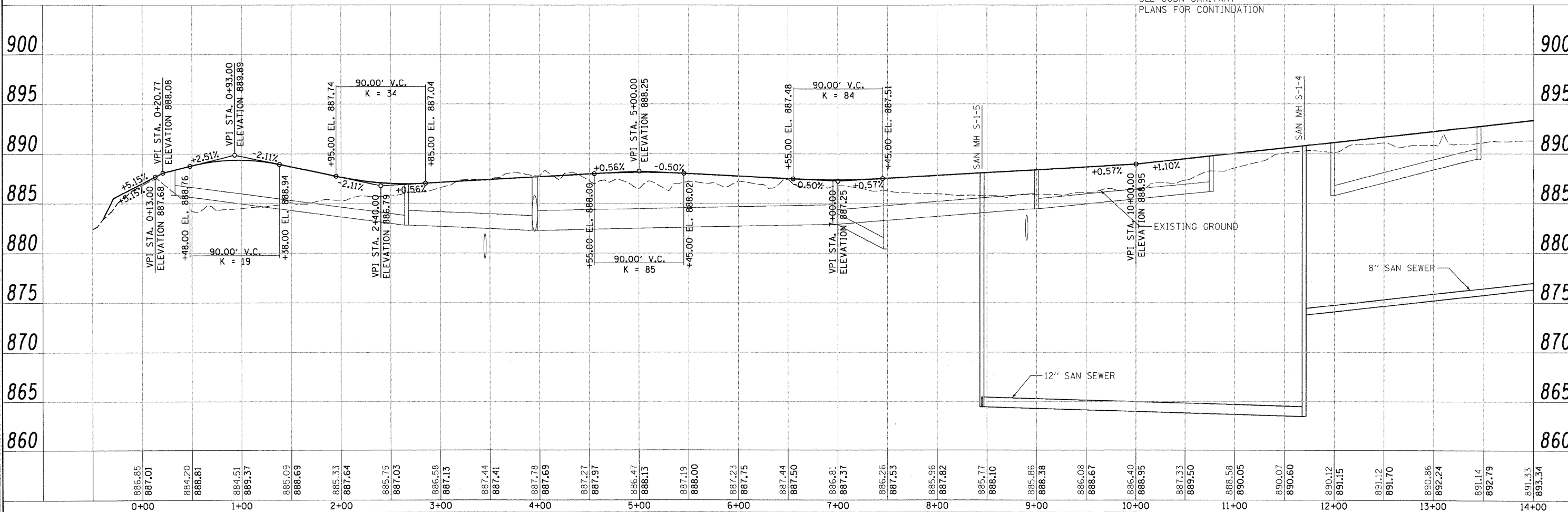
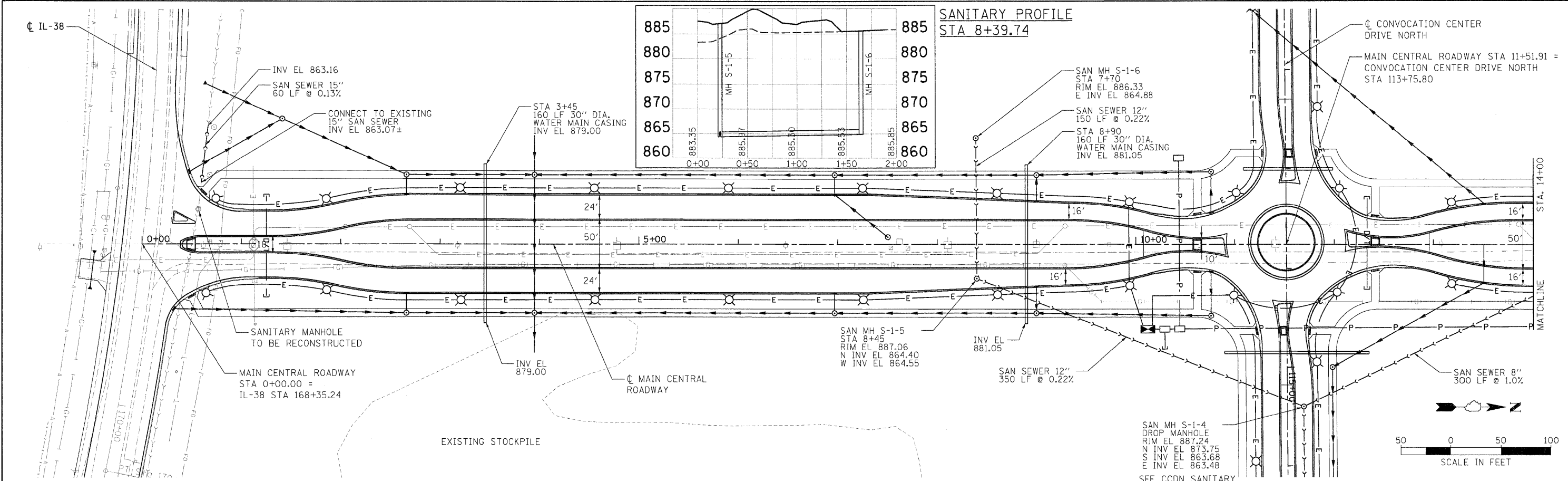


LAYOUT: MWH 09/09/10 Huss0041
DRAWN: MWH 09/09/10 Huss0041
REVISED: CRC 11/05/2010

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PLOT DATE = 11/05/2010	DATE = 11/04/10	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT					



Hanson Professional Services Inc.



FILE NAME =	C:\145_SAN-CENTRAL.dgn
USER NAME =	MWH
DESIGNED =	DPA
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CHECKED =	DPA
DATE =	11/04/10

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REVISIONS =	
REVISOR =	
REVISIONS =	

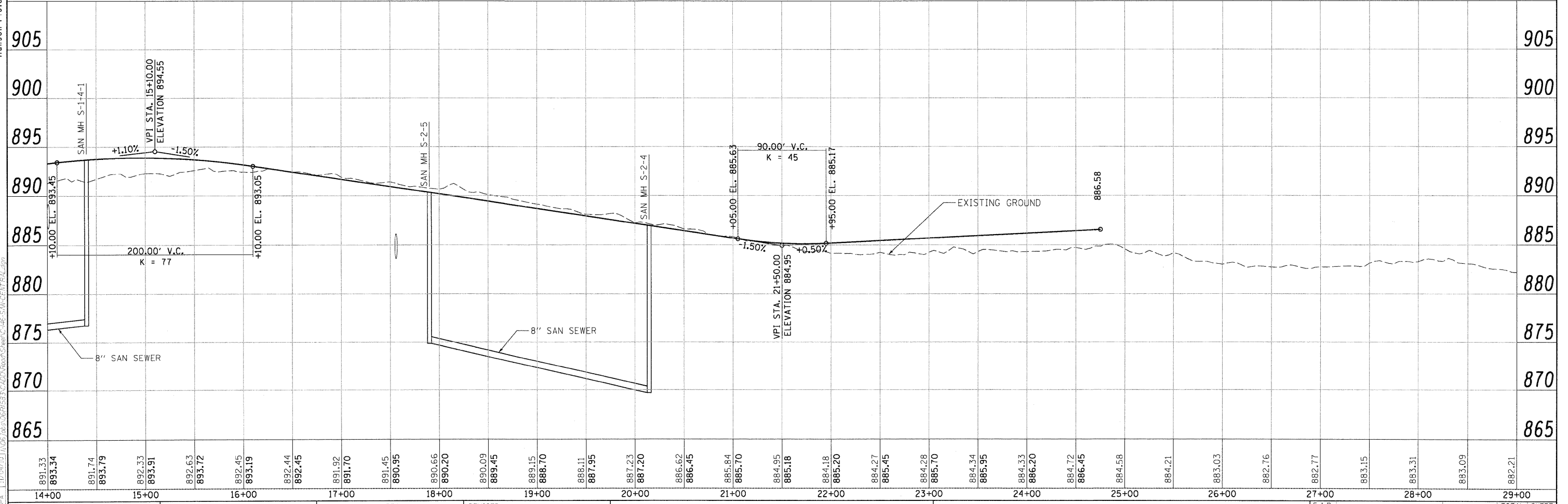
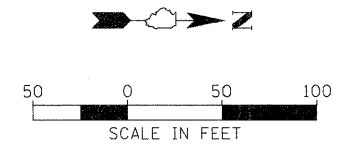
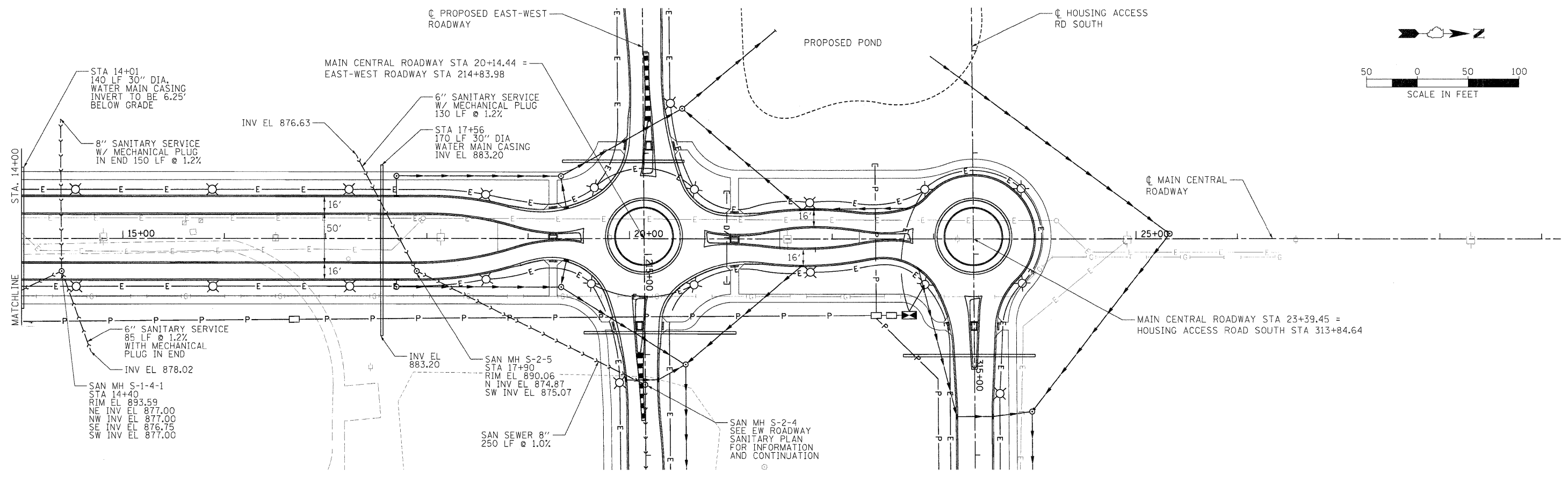
DESIGNED =	DPA
DRAWN =	MWH
CHECKED =	DPA
DATE =	11/04/10

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. OF SHEETS	STA. 0+00 TO STA. 14+00
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**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
MAIN CENTRAL ROADWAY SANITARY SEWER**

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 33
CONTRACT NO. 87476				ILLINOIS FED. AID PROJECT



LAYOUT: MWH 04/16/08 Husco0411
 DRAWN: MWH 11/04/10 11/03/2010
 REVIEWED: DPA 11/04/10 11/03/2010
 C:\146-SAN-CENTRAL.dwg

FILE NAME =	USER NAME = MWH	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION MAIN CENTRAL ROADWAY SANITARY SEWER	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\146-SAN-CENTRAL.dwg		DRAWN - MWH	REVISED -			567	06-00002-00-PV	DEKALB	148	34	
PLOT SCALE = 50.000' / 1" =		CHECKED - DPA	REVISED -			CONTRACT NO. 87476					
PLOT DATE = 11/05/2010		DATE - 11/04/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

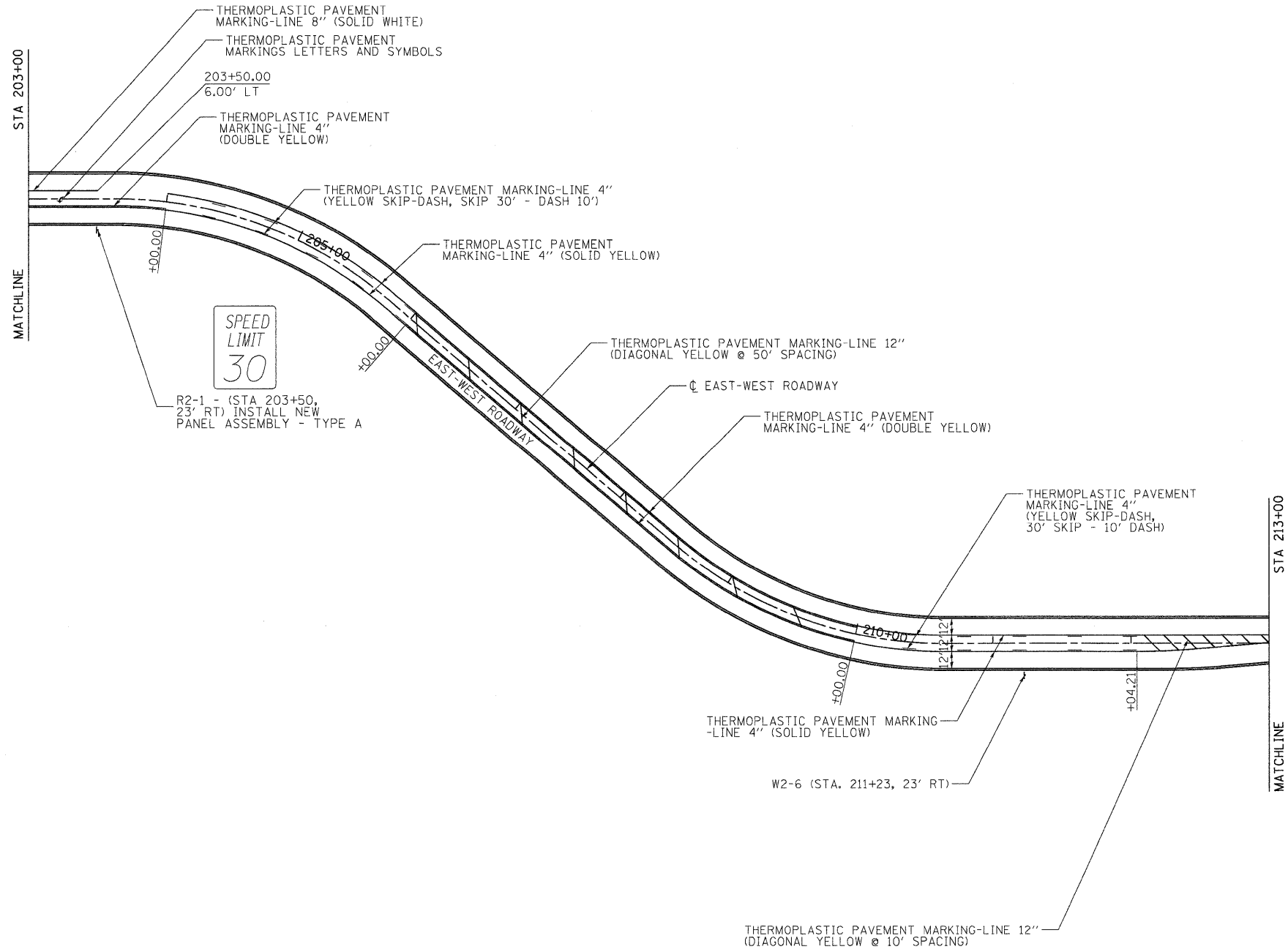
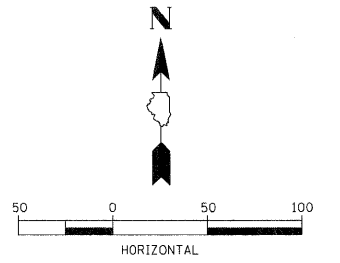
SIGN LEGEND



R2-1
30x36"



W2-6
36x36"



FILE NAME: C:\171-PM-EW.dgn
 USER: MCG
 DATE: 11/05/2010
 TIME: 1:05:38 PM

FILE NAME	C:\171-PM-EW.dgn
USER	MCG
DATE	11/05/2010
TIME	1:05:38 PM

DESIGNED	DPA
DRAWN	MWH
CHECKED	DPA
DATE	11/04/10

REVISIONS	NO.	DATE	DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NIU WEST CAMPUS EXPANSION
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: SHEET NO. OF SHEETS STA. 203+00 TO STA. 213+00

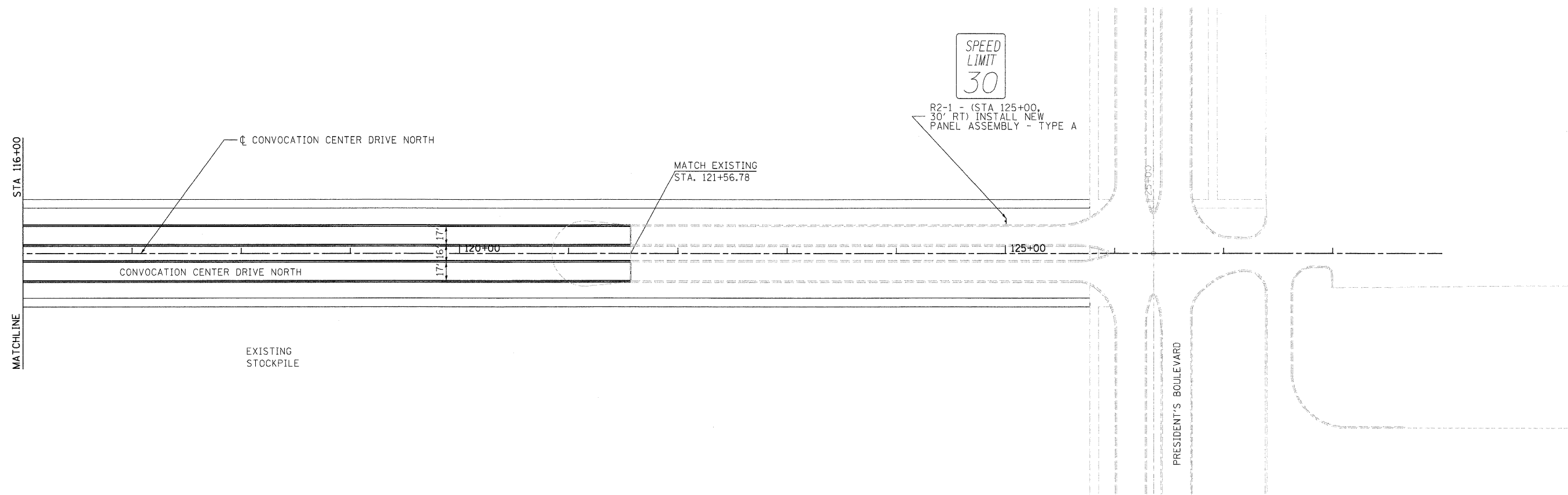
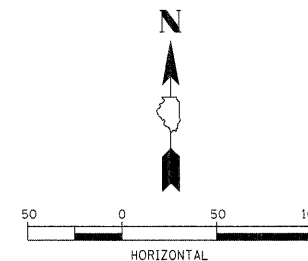
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	36
CONTRACT NO. 87476				



SIGN LEGEND



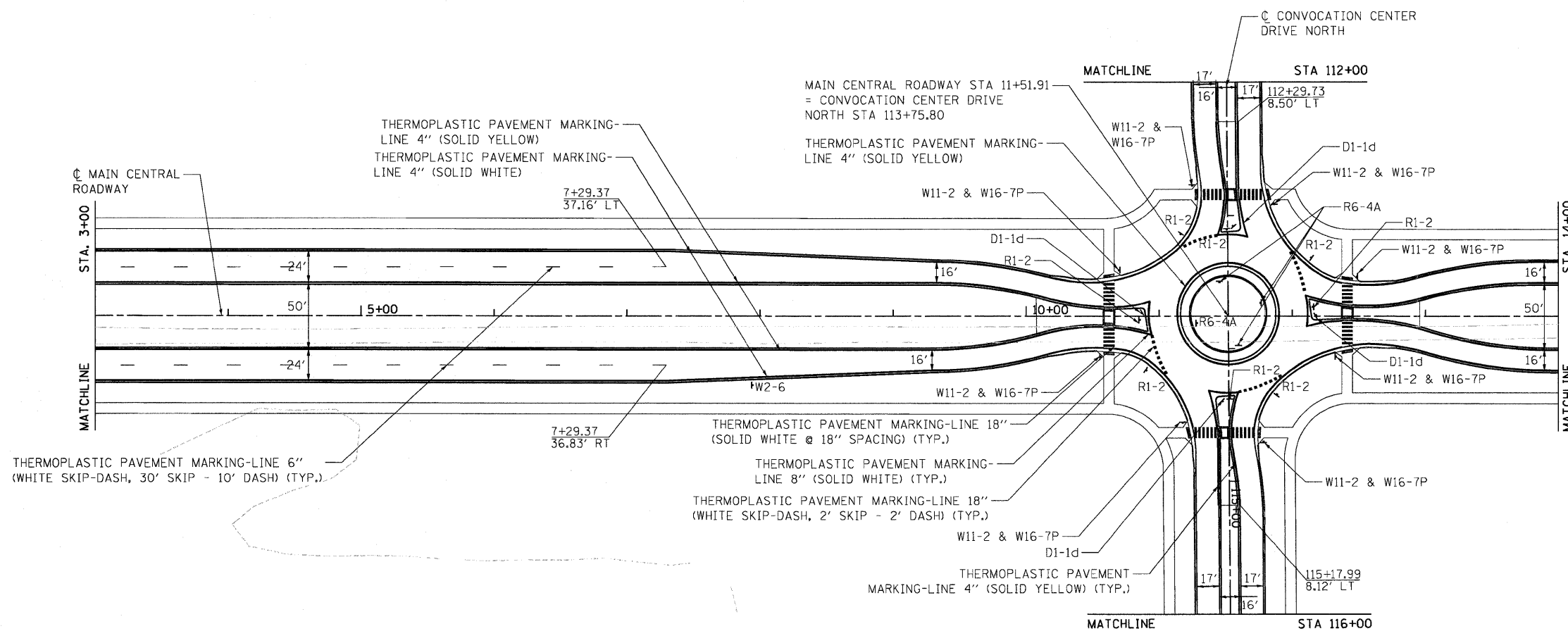
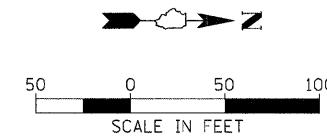
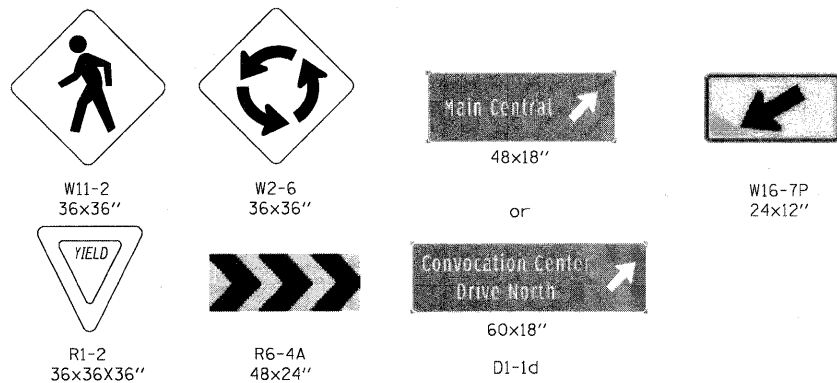
R2-1
30x36"



LAYOUT: MGI 09/20/10 HUS0004H
 DRAWN: MGI 09/20/10 10052010
 REVISION: JAGS 06/05/09 06532ADD:8666S:REVAC:175-FM-CCDN.dgn

FILE NAME C:\175-FM-CCDN.dgn	USER NAME =	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NIU WEST CAMPUS EXPANSION PAVEMENT MARKING AND SIGNAGE PLAN	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 38	
	PLOT SCALE = 50.000' / 1" =	DRAWN - MWH	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 116+00 TO STA. 121+57	CONTRACT NO. 87476		
	PLOT DATE = 11/05/2010	CHECKED - DPA	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
		DATE - 11/04/10	REVISED -								

SIGN LEGEND



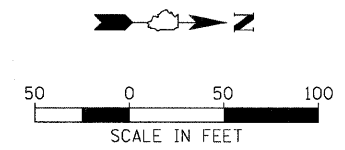
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NIU WEST CAMPUS EXPANSION
PAVEMENT MARKING AND SIGNAGE PLAN

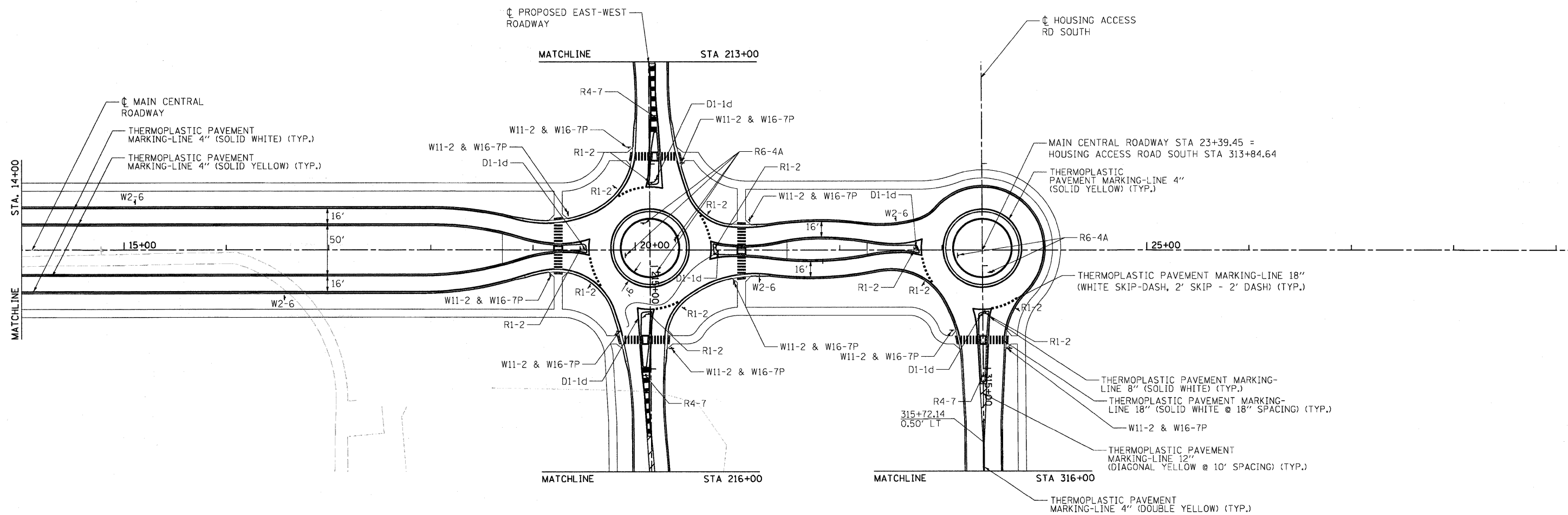
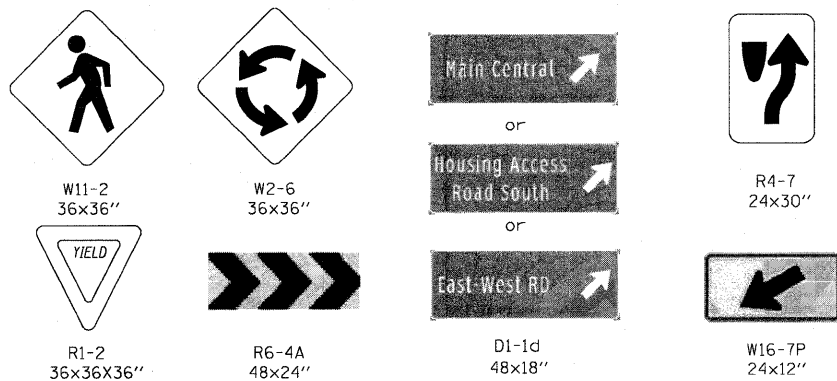
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C-176-PM-CENTRAL.dgn		DRAWN - MWH	REVISED -
		CHECKED - DPA	REVISED -
		DATE - 11/04/10	REVISED -

SCALE: SHEET NO. OF SHEETS STA. 3+00 TO STA. 14+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	39
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 87476				



SIGN LEGEND



LAYOUT: VGL 09/20/10
 DRAWN: VGL 09/20/10
 REVIEWED: VGL 10/02/10
 FILE NAME: C-177-PM-CENTRAL.dgn
 USER NAME: [blank]
 DESIGNED: DPA
 DRAWN: MWH
 CHECKED: DPA
 DATE: 11/04/10
 PLOT SCALE: 50.000' / 1" =
 PLOT DATE: 11/10/2010

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NIU WEST CAMPUS EXPANSION
 PAVEMENT MARKING AND SIGNAGE PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	40
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. OF SHEETS STA. 14+00 TO STA. 24+00

CONTRACT NO. 87476

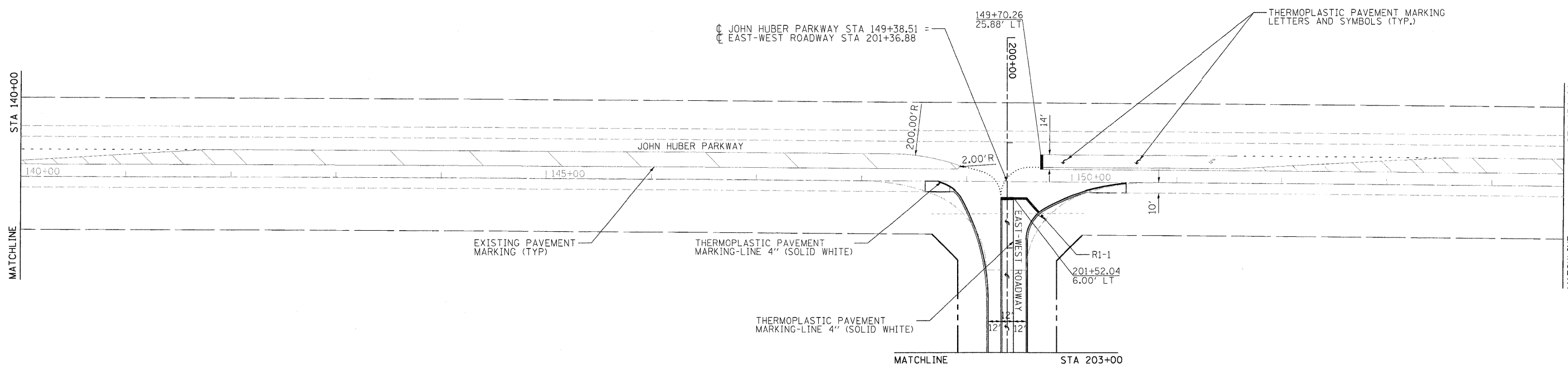
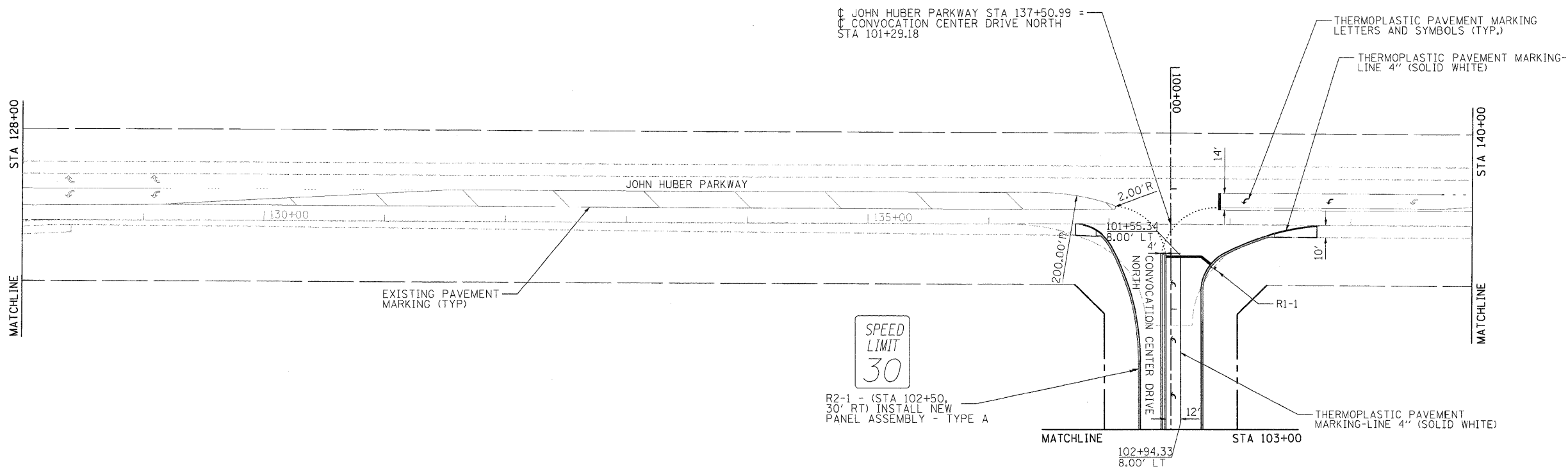
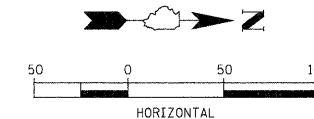
SIGN LEGEND



R1-1
36x36"



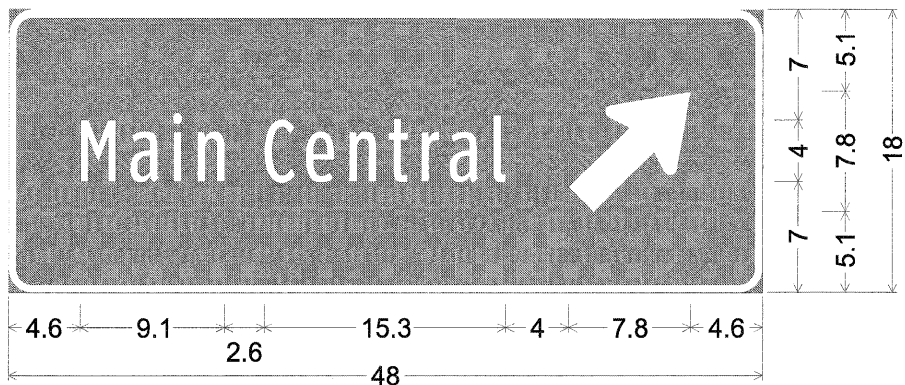
R2-1
30x36"



HANSON
Hanson Professional Services Inc.

LAYOUT	MGA	09/20/10	Huss, DPH
DRAWN	MGA	09/20/10	Huss, DPH
REVISION			

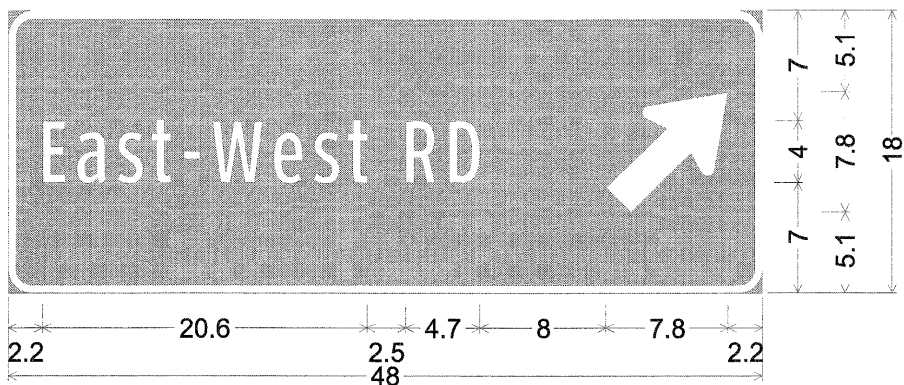
FILE NAME C:\188-PM-HUBER.dgn	USER NAME =	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NIU WEST CAMPUS EXPANSION PAVEMENT MARKING AND SIGNAGE PLAN			F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 43
PLOT SCALE = 50.0000 / 1" = 50'		DRAWN - MWH	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 128+00 TO STA. 154+68	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = 11/05/2010		CHECKED - DPA	REVISED -		CONTRACT NO. 87476							
		DATE - 11/04/10	REVISED -									



1.5" Radius, 0.5" Border, White on Green;
[Main Central] ClearviewHwy-1-W;
Standard Arrow Custom 9.9" X 6.1" 45{;
Table of letter and object lefts.

M	a	i	n	C	e	n	t	r	a	l
4.6	7.7	10.4	12.0	16.3	18.9	21.7	24.1	26.2	28.0	30.8

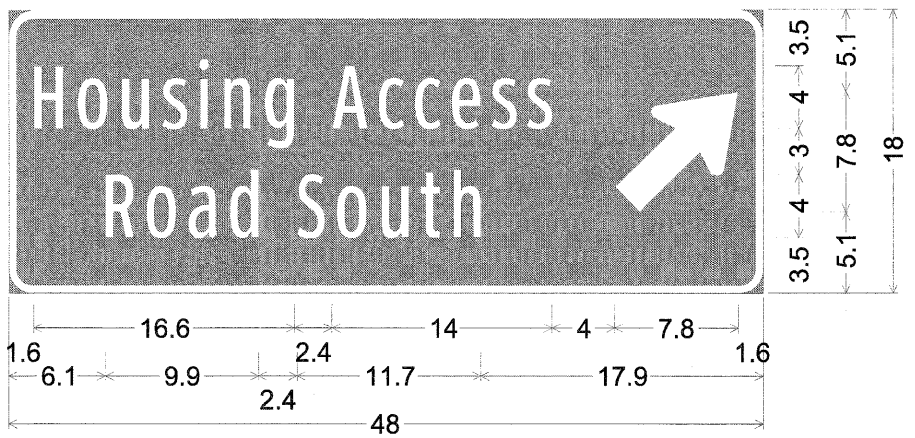
↗
35.6



1.5" Radius, 0.5" Border, White on Green;
[East-West RD] ClearviewHwy-1-W;
Standard Arrow Custom 9.9" X 6.1" 45{;
Table of widths and spaces.

E	a	s	t	-	W	e	s	t									
2.2	1.4	0.8	1.9	0.6	1.7	0.5	1.2	0.9	1.0	0.8	3.2	0.7	1.9	0.6	1.7	0.5	1.2

R	D					
2.5	1.9	0.9	1.9	8.0	7.8	2.2



1.5" Radius, 0.5" Border, White on Green;
[Housing Access] ClearviewHwy-1-W;
[Road South] ClearviewHwy-1-W;
Standard Arrow Custom 9.9" X 6.1" 45{;
Table of widths and spaces.

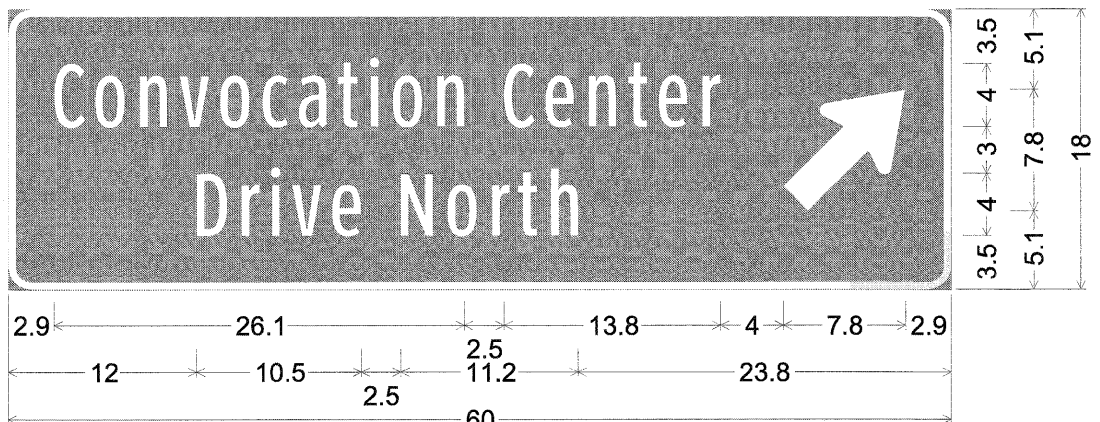
H	o	u	s	i	n	g							
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A	c	c	e	s	s						
2.4	2.3	0.7	1.6	0.7	1.7	0.6	1.9	0.6	1.7	0.6	1.6

↗
4.0 7.8 1.6

R	o	a	d				
6.1	1.9	0.8	1.9	0.8	1.9	0.7	1.9

S	o	u	t	h						
2.4	1.8	0.7	1.9	0.9	1.8	0.7	1.3	0.8	1.8	17.9



1.5" Radius, 0.5" Border, White on Green;
[Convocation Center] ClearviewHwy-1-W;
[Drive North] ClearviewHwy-1-W;
Standard Arrow Custom 9.9" X 6.1" 45{;
Table of widths and spaces.

C	o	n	v	o	c	a	t	i	o	n											
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C	e	n	t	e	r									
2.5	2.0	0.7	1.8	0.9	1.8	0.7	1.3	0.7	1.9	0.9	1.1	4.0	7.8	2.9

D	r	i	v	e					
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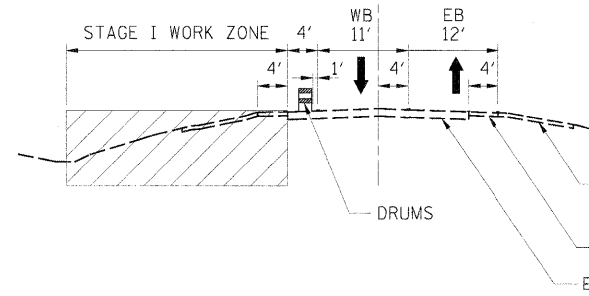
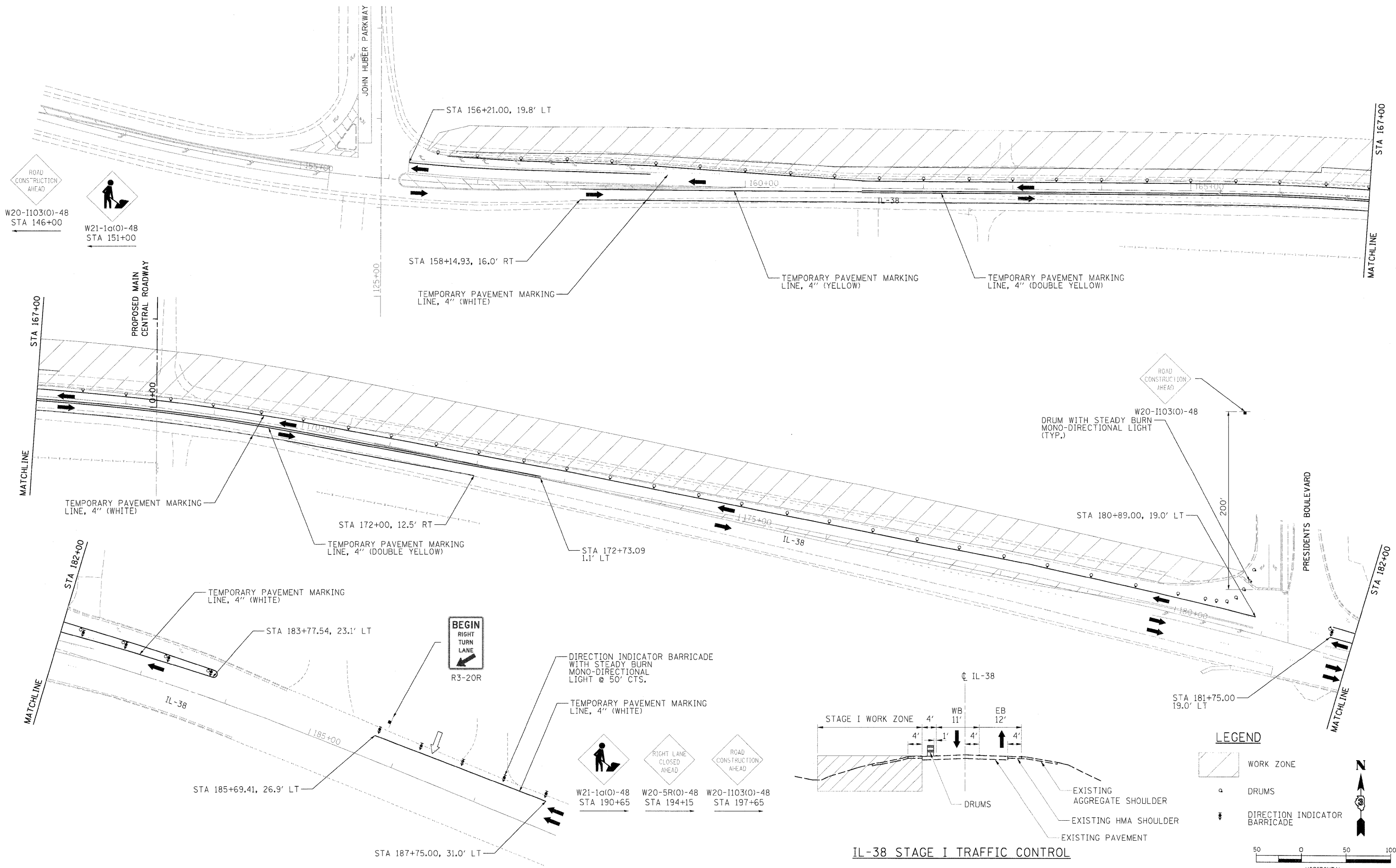
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DRAWN: MGL 09/20/10 11/05/2010
REVISED: MGL 11/05/2010 11/05/2010
C:\522-DET-SIGNS.dgn



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LAYOUT: MWH 08/30/10 Husu0041
DRAWN: MWH 10/01/10 11/05/2010
REVIEWED: DPA 10/01/10 11/05/2010
FILE: 121-IL-38-STAGE1.dgn



LEGEND

- WORK ZONE
- DRUMS
- DIRECTION INDICATOR BARRICADE

50 0 50 100
HORIZONTAL

IL-38 STAGE I TRAFFIC CONTROL

FILE NAME = C:\21-IL-38-STAGE1.dgn	USER NAME = Husu0041	DESIGNED - DPA	REVISED -
		DRAWN - MWH	REVISED -
		CHECKED - DPA	REVISED -
		DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

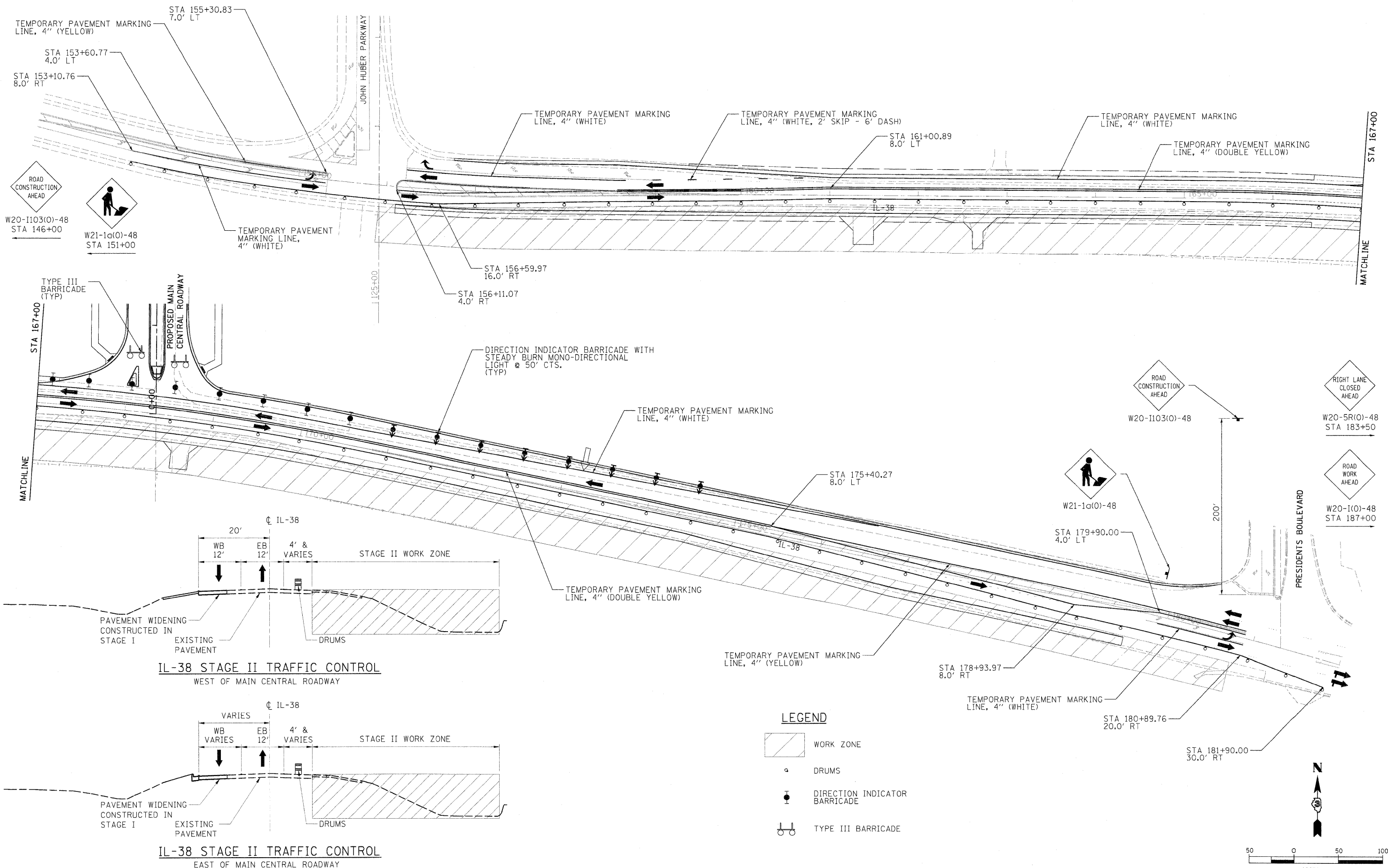
**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
STAGE 1 TRAFFIC CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 152+00 TO STA. 190+00

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 45
CONTRACT NO. 87476			ILLINOIS FED. AID PROJECT	



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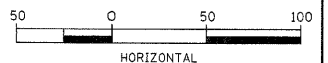


IL-38 STAGE II TRAFFIC CONTROL WEST OF MAIN CENTRAL ROADWAY

IL-38 STAGE II TRAFFIC CONTROL EAST OF MAIN CENTRAL ROADWAY

LEGEND

- WORK ZONE
- DRUMS
- DIRECTION INDICATOR BARRICADE
- TYPE III BARRICADE



LAYOUT: MWH 08/30/10 Husau0041
 DRAWN: MWH 10/01/10 Husau0041
 CHECKED: DPA 10/01/10 Husau0041

FILE NAME = C:\122-IL38-STAGE2.dgn	USER NAME = Husau0041	DESIGNED - DPA	REVISED -
		DRAWN - MWH	REVISED -
		CHECKED - DPA	REVISED -
		DATE - 11/04/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
STAGE 2 TRAFFIC CONTROL PLAN

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 152+00 TO STA. 190+00

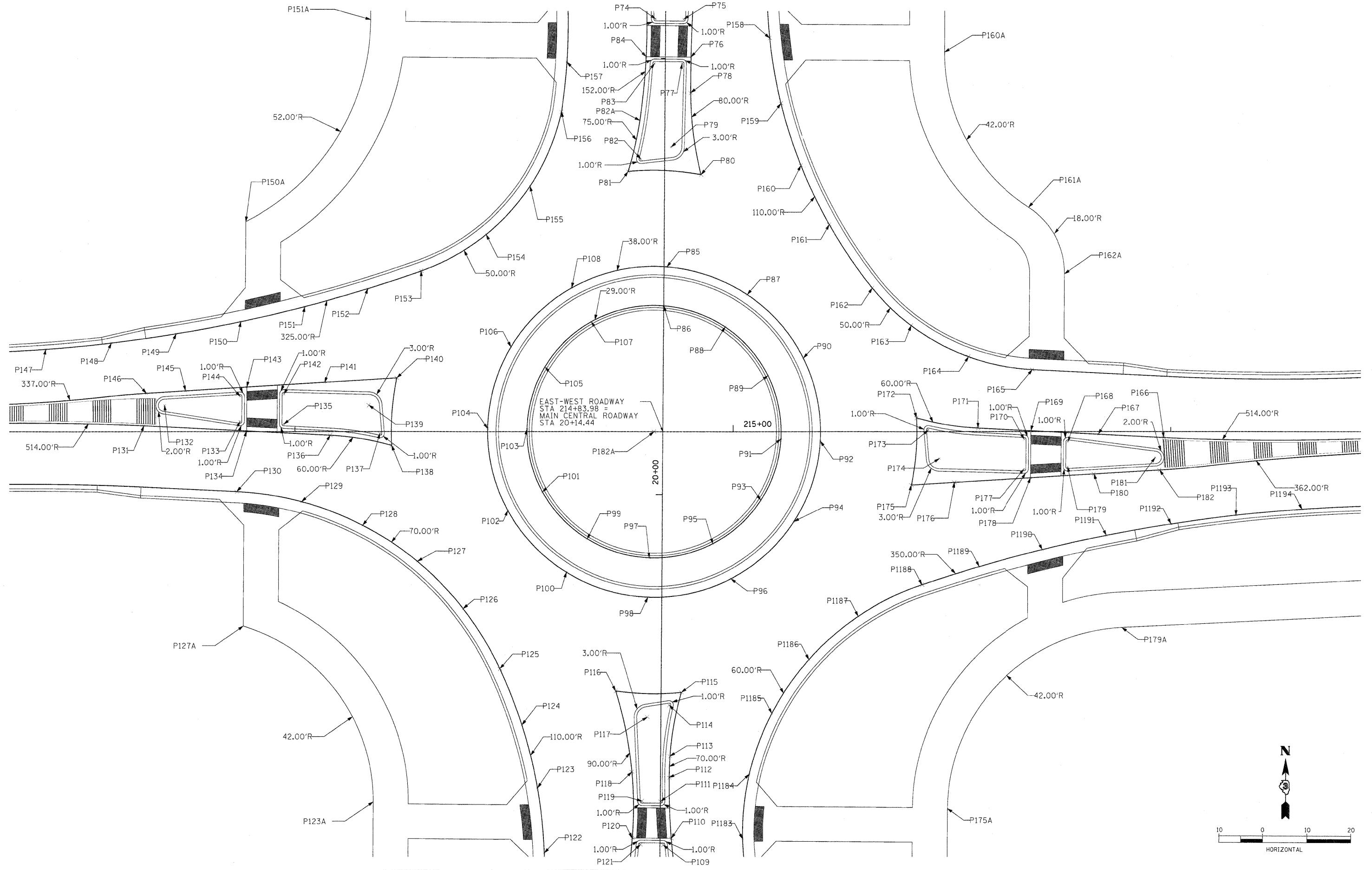
F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 46
				CONTRACT NO. 87476
ILLINOIS FED. AID PROJECT				



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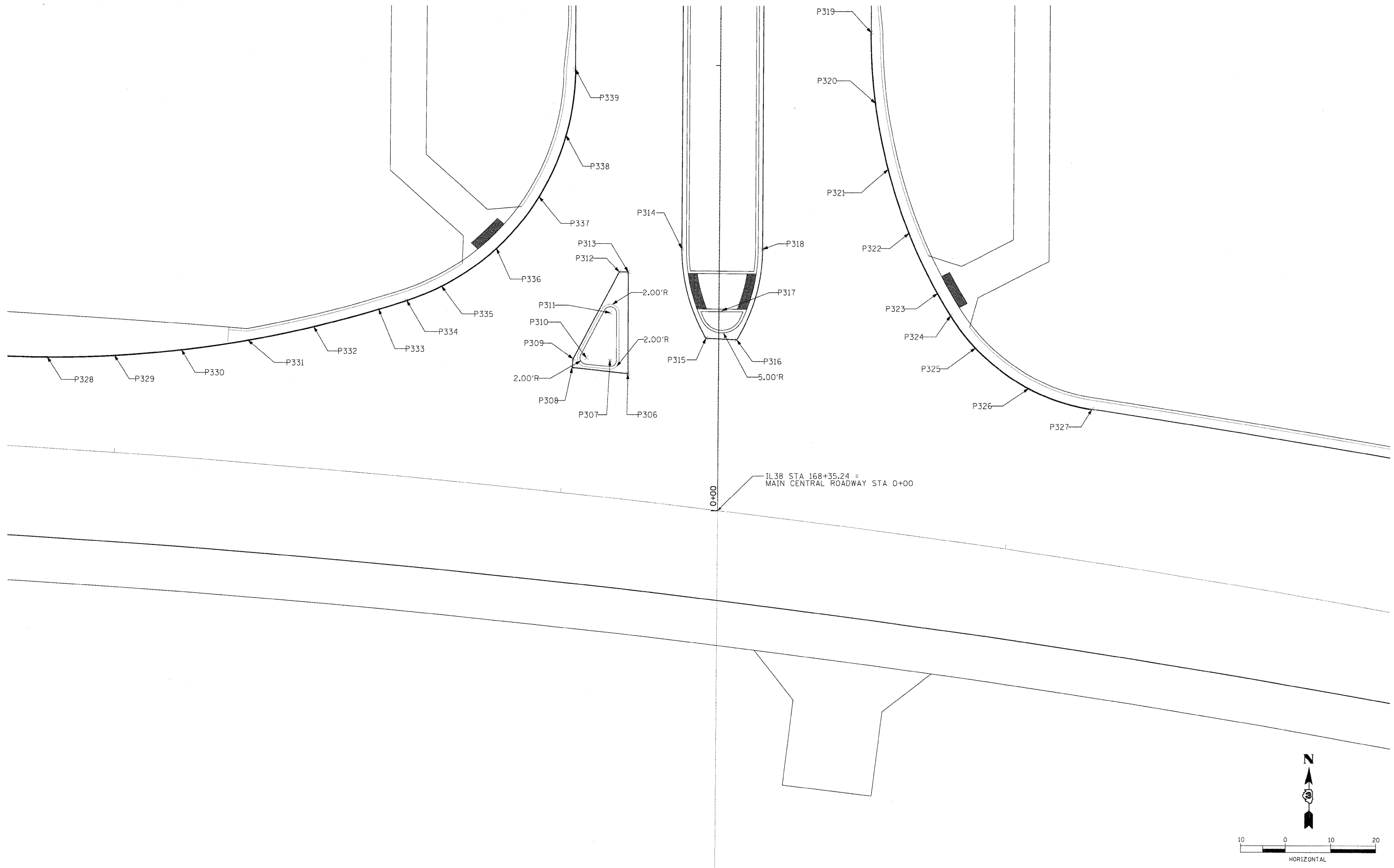
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DRAWN: MWH: 11/04/10: 11/05/2010
REVISION: PPA: 11/04/10: 11/05/2010

FILE NAME = C:\918-DET-INT.dgn	USER NAME = MWH	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EAST-WEST / MAIN CENTRAL INTERSECTION DETAIL	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEET NO. 148	SHEET NO. 48		
PLOT SCALE = AS SHOWN	CHECKED - DPA	REVISED -	SCALE: AS SHOWN			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476			
PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISED -										





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LAYOUT MWH 08/31/10 H:\SS\0244
 DRAWN MWH 11/04/10 H:\SS\0244
 REVISIONS DPA 11/04/10 H:\SS\0244
 C:\12\DET-INT.dgn

FILE NAME =	USER NAME = MWH	DESIGNED - DPA	REVISED -
C:\12\DET-INT.dgn		DRAWN - MWH	REVISED -
	PLOT SCALE = AS SHOWN	CHECKED - DPA	REVISED -
	PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 MAIN CENTRAL / IL38 INTERSECTION DETAIL**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 87476



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LAYOUT MWH 08/31/10 P:\556004\1
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 CHECKED DPA 11/04/10 P:\556004\1

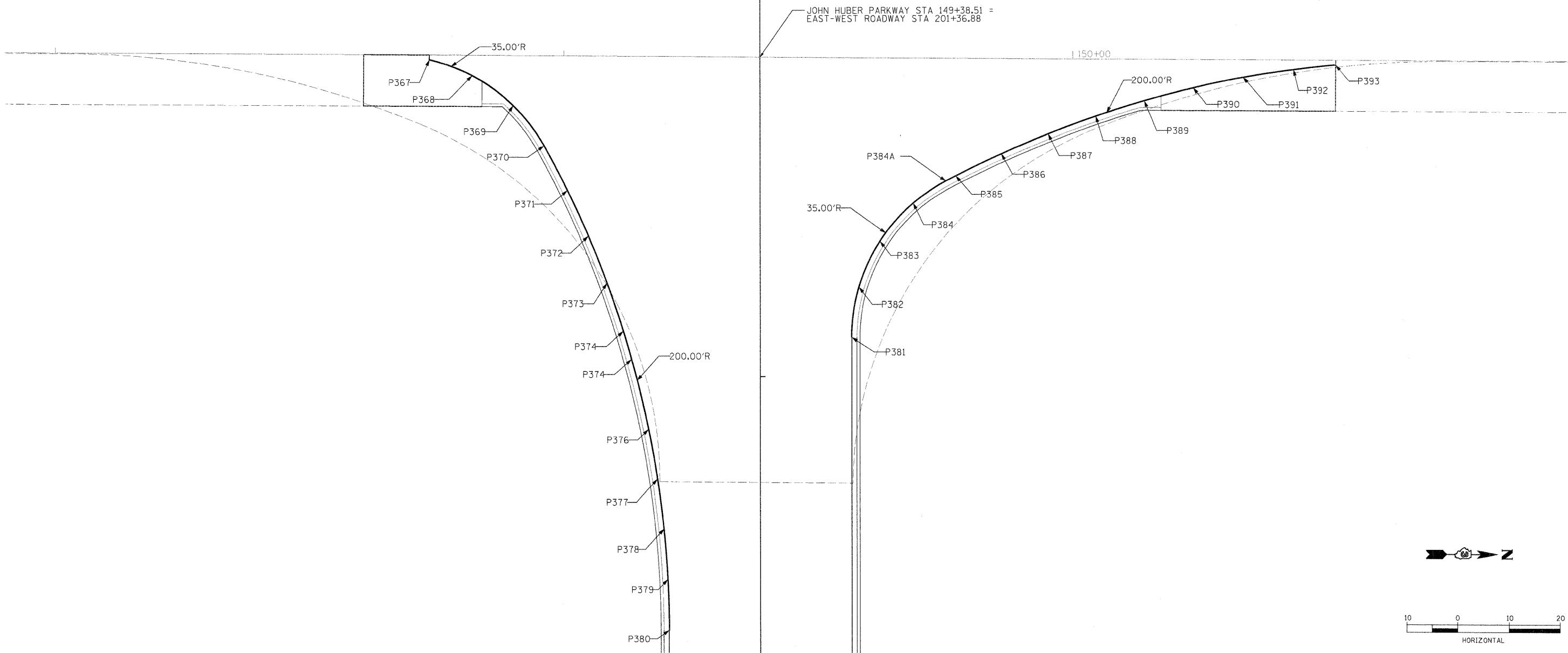
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		DATE -	11/04/10	REVISED -			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 EAST-WEST / JOHN HUBER INTERSECTION DETAIL**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	52
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 87476	





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LAYOUT: MWH 08/27/10 P:05:00/01
DRAWN: MWH 11/04/10 P:05:00/00
CHECKED: PCA 11/04/10

HOUSING ACCESS ROAD SOUTH @ MAIN CENTRAL ROADWAY

Table with 5 columns: POINT, STATION, OFFSET, EOP ELEV, DESCRIPTION. Rows include points P1 through P73H with various stationing and descriptions like RADIUS POINT, PC, PCC, PT, and SIDEWALK.

EAST-WEST ROADWAY @ MAIN CENTRAL ROADWAY

Table with 5 columns: POINT, STATION, OFFSET, EOP ELEV, DESCRIPTION. Rows include points P74 through P152 with various stationing and descriptions like RADIUS POINT, PC, PCC, PT, and SIDEWALK.

EAST-WEST ROADWAY @ MAIN CENTRAL ROADWAY

Table with 5 columns: POINT, STATION, OFFSET, EOP ELEV, DESCRIPTION. Rows include points P153 through P1194 with various stationing and descriptions like PCC, RADIUS POINT, PC, PT, and SIDEWALK.

CONVOCATION CENTER DRIVE NORTH @ MAIN CENTRAL

Table with 5 columns: POINT, STATION, OFFSET, EOP ELEV, DESCRIPTION. Rows include points P183 through P259 with various stationing and descriptions like RADIUS POINT, PC, PCC, PT, and SIDEWALK.

CONVOCATION CENTER DRIVE NORTH @ MAIN CENTRAL

Table with 5 columns: POINT, STATION, OFFSET, EOP ELEV, DESCRIPTION. Rows include points P260 through P305 with various stationing and descriptions like PC, PCC, PT, and SIDEWALK.

Project information form including FILE NAME, USER NAME, DESIGNED, REVISIONS, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION INTERSECTION DETAIL, F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., SCALE, SHEET NO. OF SHEETS STA. TO STA., FED. ROAD DIST. NO., ILLINOIS FED. AID PROJECT, and CONTRACT NO. 87476.



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LAYOUT: MFH 08/31/10 PUSC0041
DRAWN: MFH 11/04/10 MGS200
REVISION: DPA 11/04/10

FILE NAME = C:\16 DET-INT.dgn
USER NAME = MWH
DESIGNED - DPA
DRAWN - MWH
CHECKED - DPA
DATE - 11/04/10

MAIN CENTRAL ROADWAY @ IL RTE 38

POINT	STATION	OFFSET	EOP ELEV	DESCRIPTION
P306	00+30.65	-20.21	888.23	
P307	00+33.55	-24.22		RADIUS POINT
P308	00+31.86	-32.63	888.25	
P309	00+33.85	-32.44	888.30	
P310	00+34.07	-29.51		RADIUS POINT
P311	00+44.25	-24.26		RADIUS POINT
P312	00+53.50	-22.29	888.60	
P313	00+53.51	-20.29	888.64	
P314	00+58.92	-8.36	889.01	
P315	00+38.74	-2.87	888.53	
P316	00+38.44	4.02	888.52	
P317	00+44.97	0.66		RADIUS POINT
P318	00+58.94	9.64	889.01	
P319	01+07.47	33.58	888.99	PT
P320	00+91.70	34.64	888.99	
P321	00+77.00	37.56	888.86	
P322	00+62.77	42.28	888.59	
P323	00+49.24	48.74	888.44	
P324	00+44.23	51.69	888.38	PCC
P325	00+36.96	57.30	888.28	
P326	00+28.02	69.24	888.12	
P327	00+23.46	83.46	888.06	PC
P327A	00+33.72	-163.34	888.23	PC
P328	00+33.37	-149.81	888.25	
P329	00+33.84	-134.82	888.31	
P330	00+35.21	-119.88	888.06	
P331	00+37.48	-105.06	888.17	
P332	00+40.62	-90.39	888.28	
P333	00+44.64	-75.95	888.39	
P334	00+46.68	-69.70	888.44	PCC
P335	00+49.99	-61.96	888.50	
P336	00+58.65	-49.76	888.61	
P337	00+70.27	-40.35	888.72	
P338	00+84.00	-34.42	888.94	
P339	00+98.81	-32.41	889.02	PT

CONVOCATION CENTER DRIVE NORTH @ JOHN HUBER PKWY

POINT	STATION	OFFSET	EOP ELEV	DESCRIPTION
P340	101+29.84	72.32	889.78	PC
P341	101+33.06	63.61	889.73	
P342	101+38.94	55.56	889.64	
P343	101+46.84	49.49	889.5	PCC
P344	101+55.73	44.91	889.41	
P345	101+64.84	40.79	889.32	
P346	101+74.15	37.13	889.23	
P347	101+83.62	33.93	889.14	
P348	101+93.24	31.22	889.05	
P349	102+02.99	28.99	888.96	
P350	102+12.84	27.25	888.87	
P351	102+22.76	26.00	888.78	
P352	102+32.73	25.25	888.69	
P352A	102+42.73	25.00	888.61	PT
P353	101+55.36	6.00		RADIUS POINT
P354	101+30.96	-120.99	889.89	PC
P355	101+31.93	-111.90	889.87	
P356	101+33.48	-102.02	889.84	
P357	101+35.51	-92.23	889.8	
P358	101+38.04	-82.56	889.73	
P359	101+41.04	-73.02	889.67	
P360	101+44.51	-63.64	889.61	
P361	101+48.45	-54.45	889.53	
P362	101+52.85	-45.47	889.41	
P362A	101+53.88	-43.52	889.38	PCC
P363	101+58.28	-37.11	889.29	
P364	101+65.81	-30.58	889.17	
P365	101+74.88	-26.44	889.05	
P366	101+84.74	-25.02	888.93	PT
P366A	101+53.36	4.00	889.68	
P366B	101+53.36	8.00	889.68	
P366C	101+75.00	4.00	889.46	
P366D	10+75.00	8.00	889.46	

EAST WEST ROADWAY @ JOHN HUBER PKWY

POINT	STATION	OFFSET	EOP ELEV	DESCRIPTION
P367	201+37.46	65.01	889.92	PC
P368	201+40.61	56.61	889.86	
P369	201+46.48	48.56	889.75	
P370	201+54.39	42.49	889.6	PCC
P371	201+63.28	37.91	889.42	
P372	201+72.39	33.79	889.27	
P373	201+81.69	30.13	889.12	
P374	201+91.17	26.93	888.98	
P375	202+00.79	24.22	888.83	
P376	202+10.54	21.99	888.68	
P377	202+20.38	20.25	888.53	
P378	202+30.30	19.00	888.39	
P379	202+40.28	18.25	888.24	
P380	202+50.27	18.00	888.09	PT
P381	201+92.34	-18.00	888.91	PT
P382	201+82.48	-19.42	889.02	
P383	201+73.41	-23.56	889.14	
P384	201+65.88	-30.09	889.26	
P384A	201+61.48	-36.50	889.35	PCC
P385	201+60.45	-38.45	889.37	
P386	201+56.05	-47.43	889.49	
P387	201+52.11	-56.62	889.58	
P388	201+48.64	-66.00	889.65	
P389	201+45.64	-75.53	889.75	
P390	201+43.11	-85.21	889.78	
P391	201+41.08	-95.00	889.82	
P392	201+39.53	-104.88	889.85	
P393	201+38.62	-113.25	889.87	PC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
INTERSECTION DETAIL

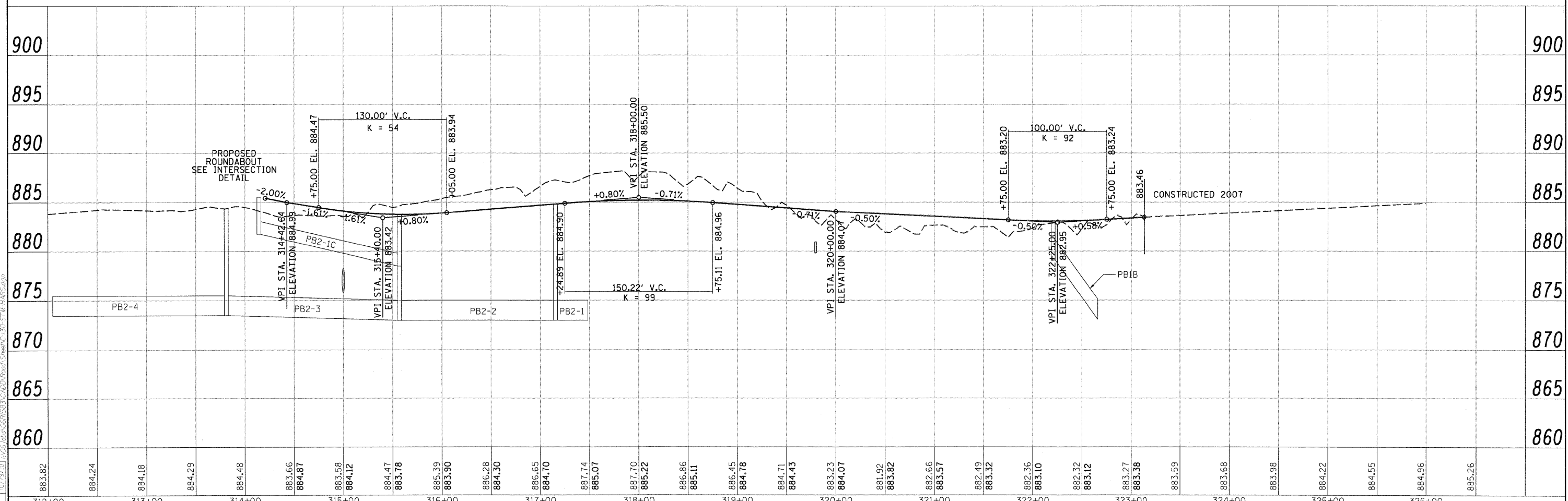
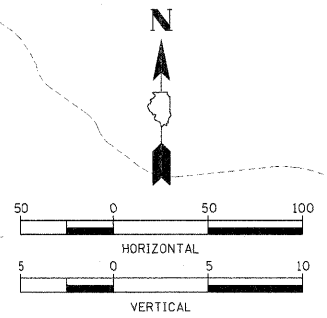
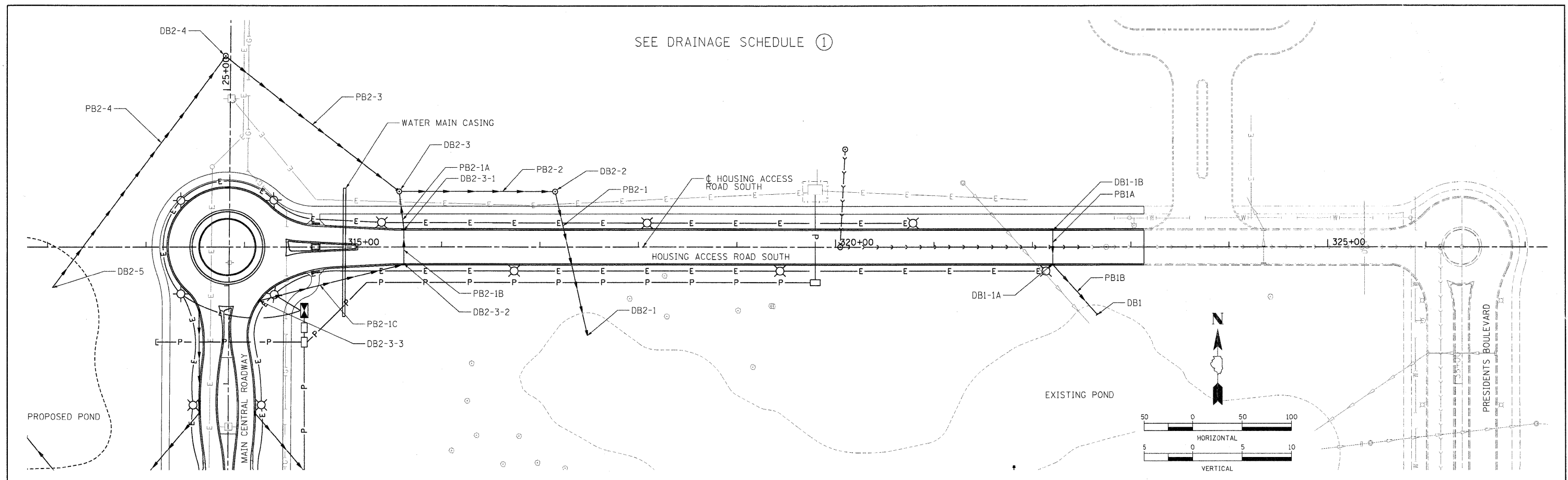
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	54
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 87476	



Hanson Professional Services Inc.

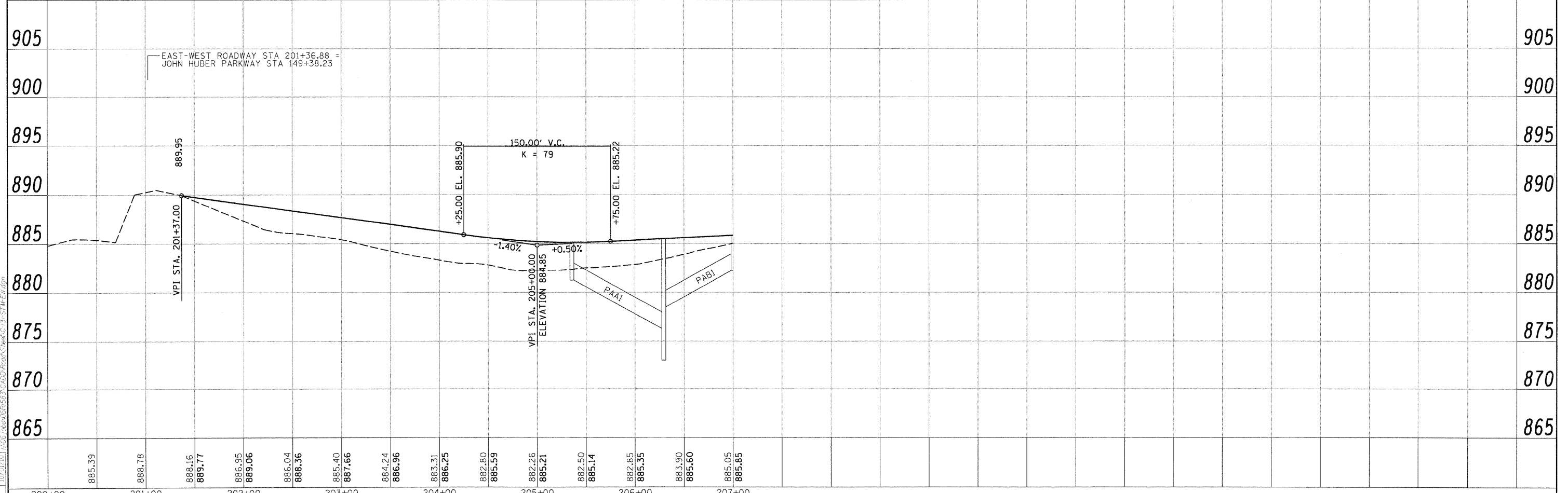
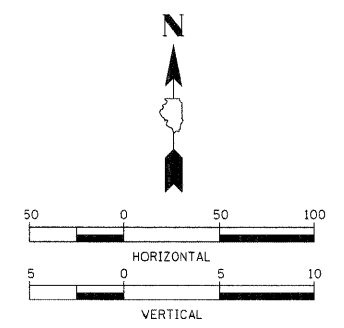
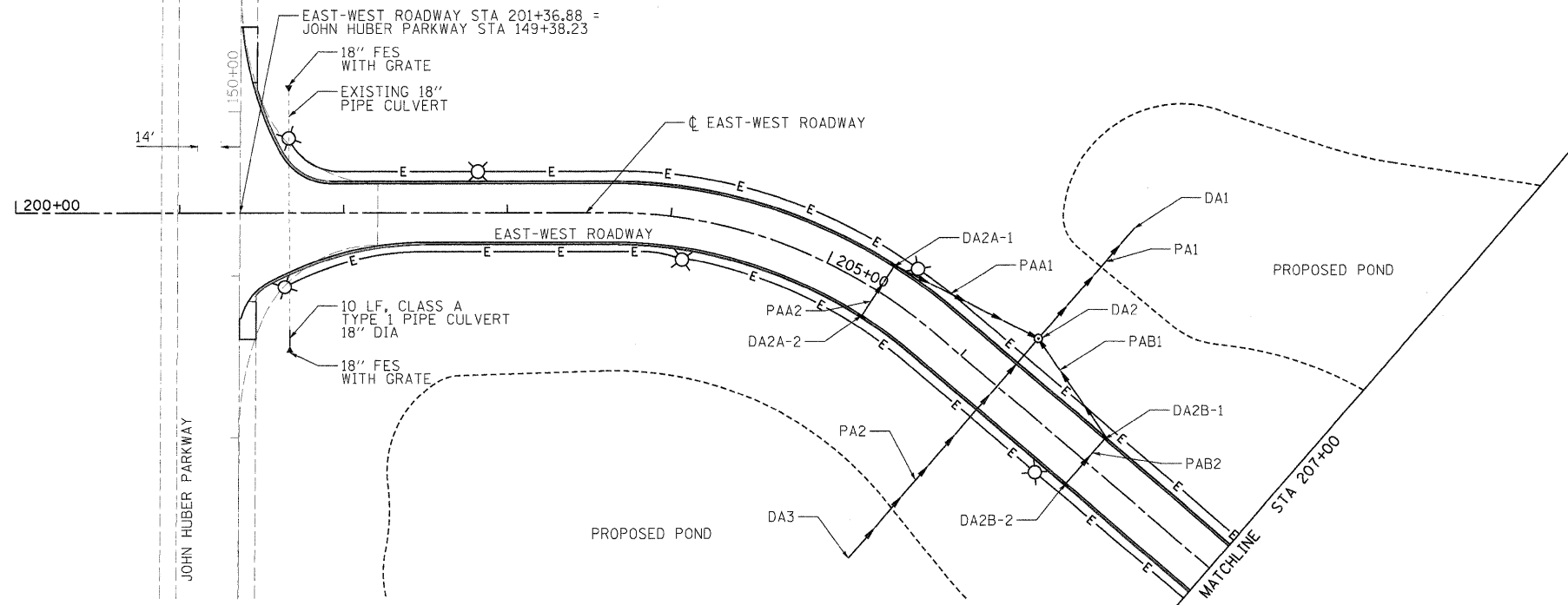
SEE DRAINAGE SCHEDULE ①



LAYOUT: MWH, 08/04/08, Hussar0841
 DRAWN: MWH, 10/29/10, Hussar0841
 REVIEWED: DPA, 11/09/10, Hussar0841
 J:\05\663656R\8833\ACAD\Drawings\11\11-11-HARS.dwg

883.82	884.24	884.18	884.29	884.48	883.66	884.87	883.58	884.12	884.47	883.78	885.39	883.90	886.28	884.30	886.65	884.70	887.74	885.07	887.70	885.22	886.86	885.11	886.45	884.78	884.71	884.43	883.23	884.07	881.92	883.82	882.66	883.57	882.49	883.32	882.36	883.10	882.32	883.12	883.27	883.38	883.59	883.68	883.98	884.22	884.55	884.96	885.26	312+00	313+00	314+00	315+00	316+00	317+00	318+00	319+00	320+00	321+00	322+00	323+00	324+00	325+00	326+00
FILE NAME = C:\318-STM-HARS.dwg										USER NAME = Hussar0841										DESIGNED - CRC					REVISID -					STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION HOUSING ACCESS ROAD SOUTH DRAINAGE PLAN AND PROFILE				F.A.P. RTE. 567		SECTION 06-00002-00-PV		COUNTY DEKALB		TOTAL SHEETS 148		SHEET NO. 55															
PLOT SCALE = 50.000' / 1" =										DRAWN - MWH										CHECKED - CRC					REVISID -														SCALE: 1" = 50'				SHEET NO. OF SHEETS		STA. 313+00 TO STA. 323+00				CONTRACT NO. 87476													
PLOT DATE = 11/05/2010										DATE - 11/04/10										REVISID -					ILLINOIS FED. AID PROJECT																																					

SEE DRAINAGE SCHEDULE ②



HANSON
Hanson Professional Services Inc.

LAYOUT: MWH 08/05/09 HUSS0041
DRAWN: MWH 10/01/10 HUSS0041
REVISION: JSA 10/01/10 11/05/2010
D:\31 STIM-EW.dgn

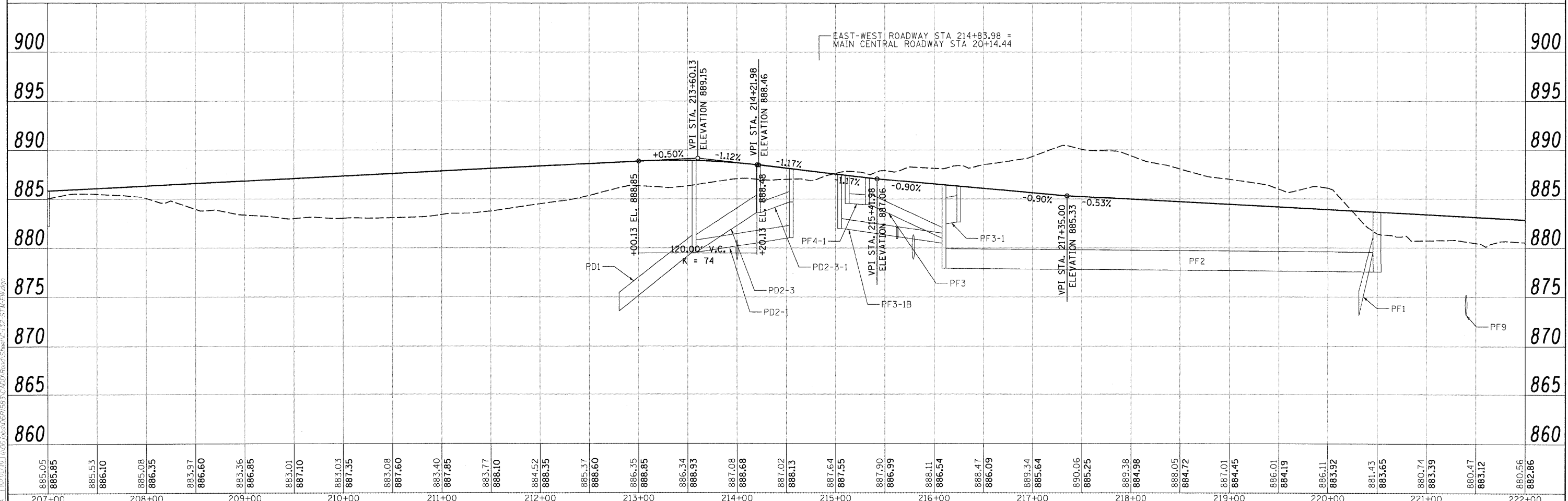
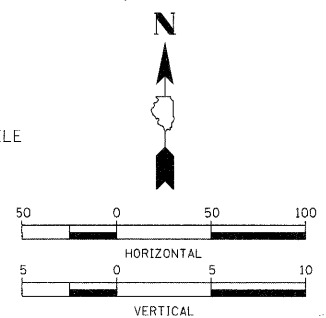
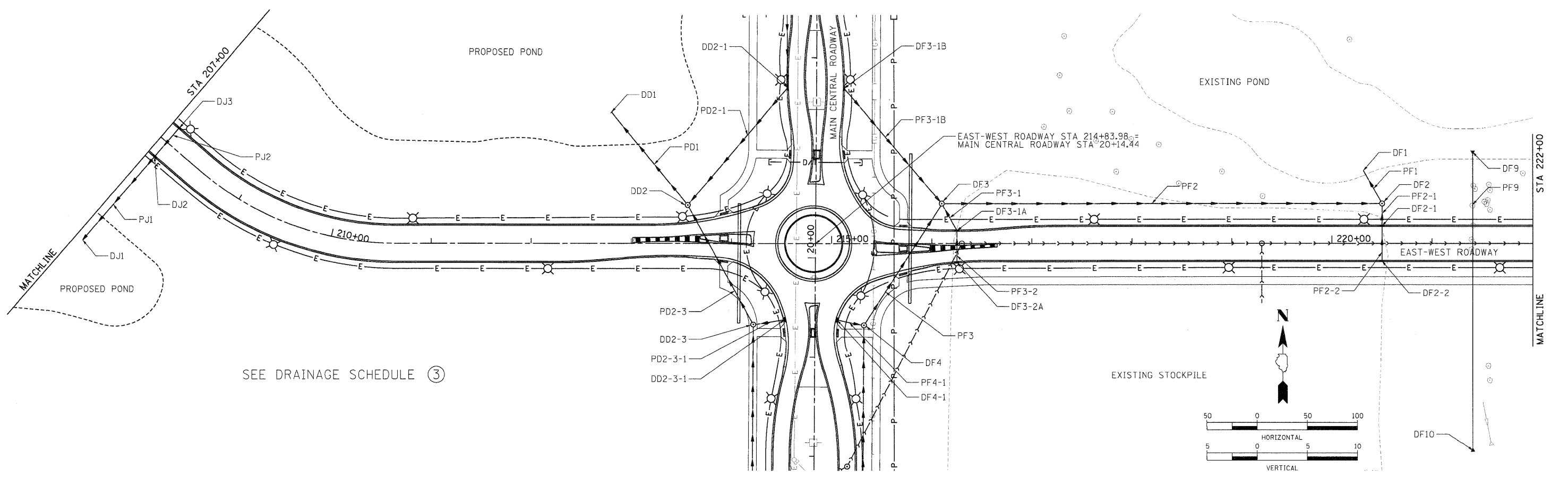
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200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00																		

FILE NAME: D:\31 STIM-EW.dgn	USER NAME: HUSS0041	DESIGNED: CRC	REVISED:
PLOT SCALE: 50.000' / 1"	CHECKED: CRC	DRAWN: MWH	REVISED:
PLOT DATE: 11/05/2010	DATE: 11/04/10		REVISED:

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EAST-WEST ROADWAY DRAINAGE PLAN AND PROFILE			
		F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148
SCALE: 1" = 50'		SHEET NO. OF SHEETS	STA. 200+00 TO STA. 207+00	CONTRACT NO. 87476	SHEET NO. 56



LAYOUT: 08/05/09 Husu0041
 DRAWN: MW 10/01/10 JPC05040
 REVISION: DPA 10/01/10 JPC05040
 C:\32-STW-CW.dgn



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207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00														

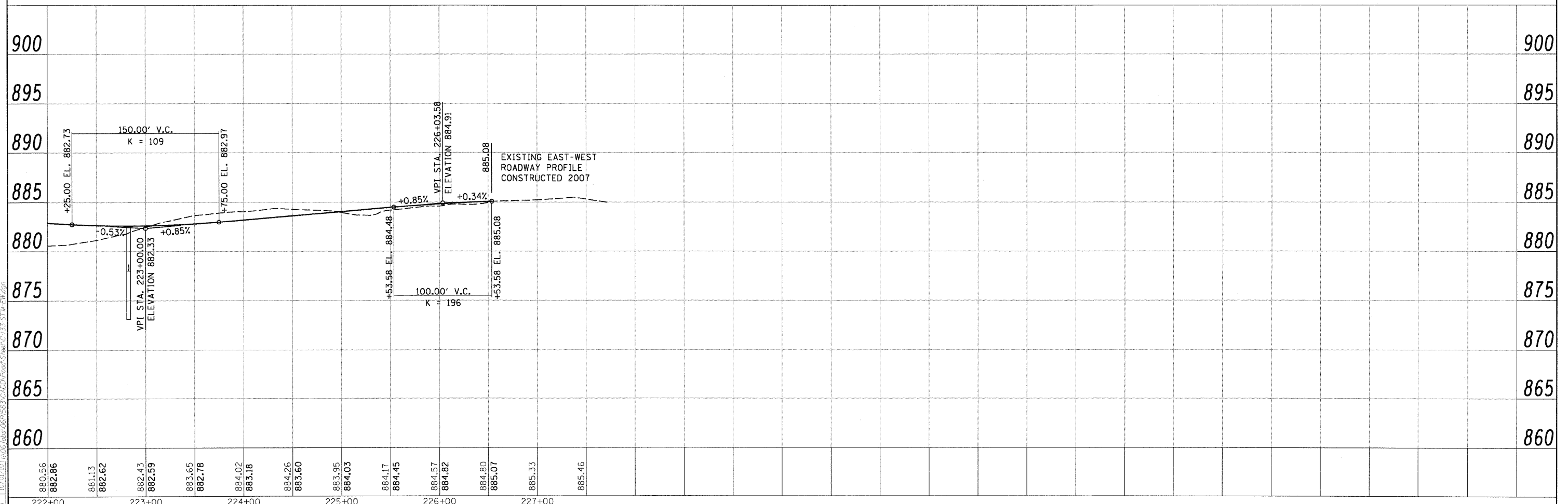
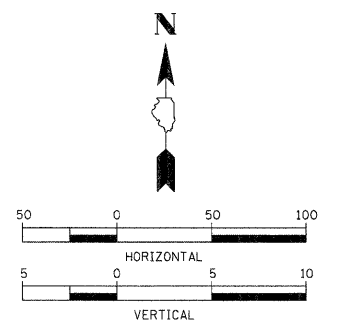
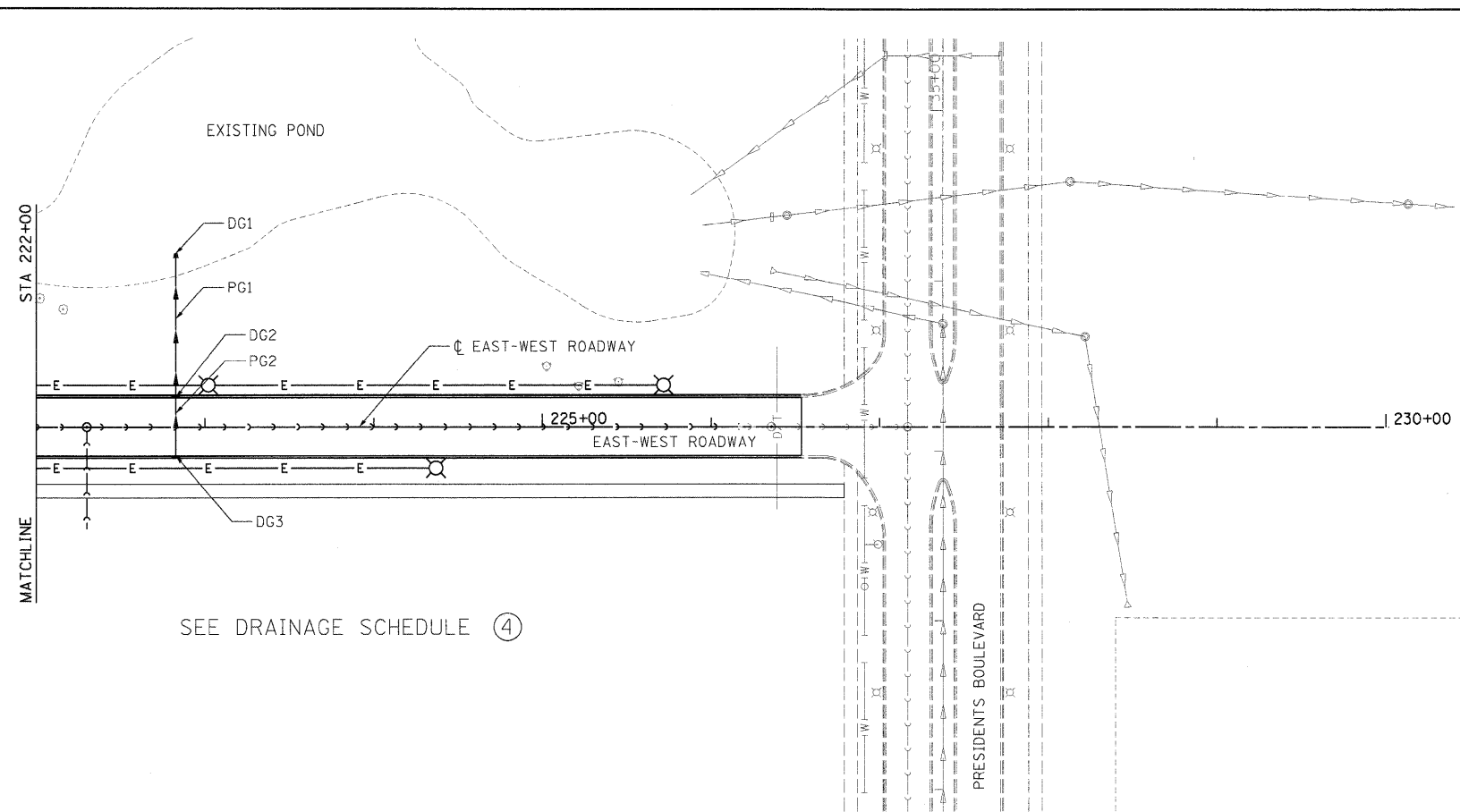
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
EAST-WEST ROADWAY DRAINAGE PLAN AND PROFILE
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 207+00 TO STA. 222+00

F.A.P. RTE. 567 SECTION 06-00002-00-PV COUNTY DEKALB TOTAL SHEETS 148 SHEET NO. 57 CONTRACT NO. 87476 ILLINOIS FED. AID PROJECT



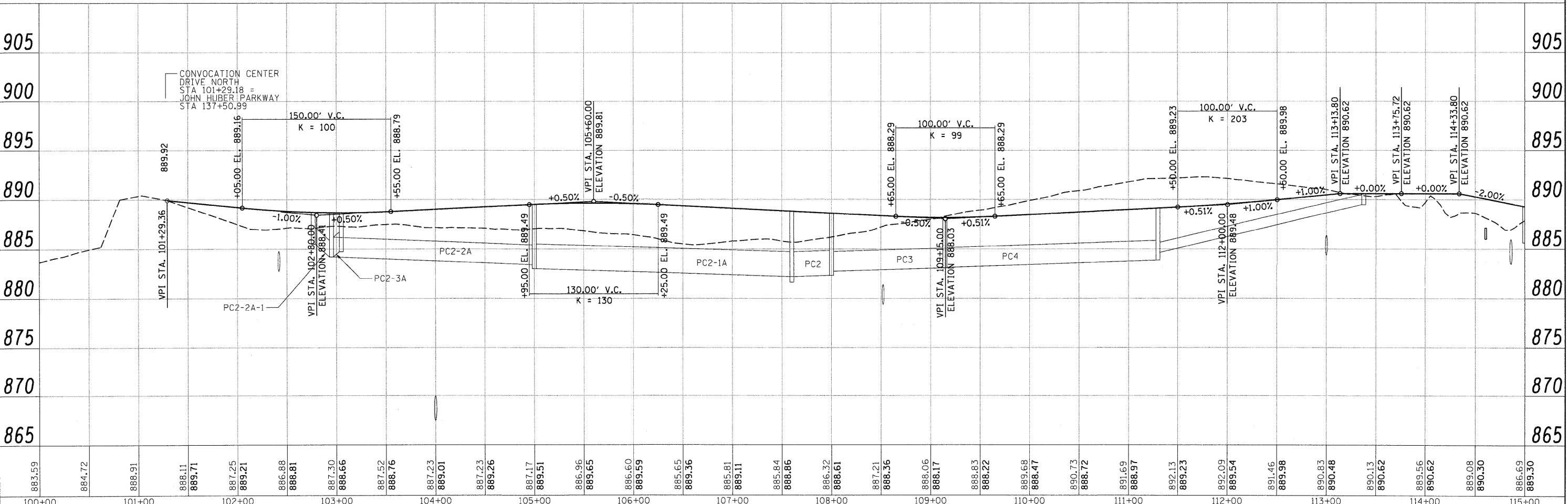
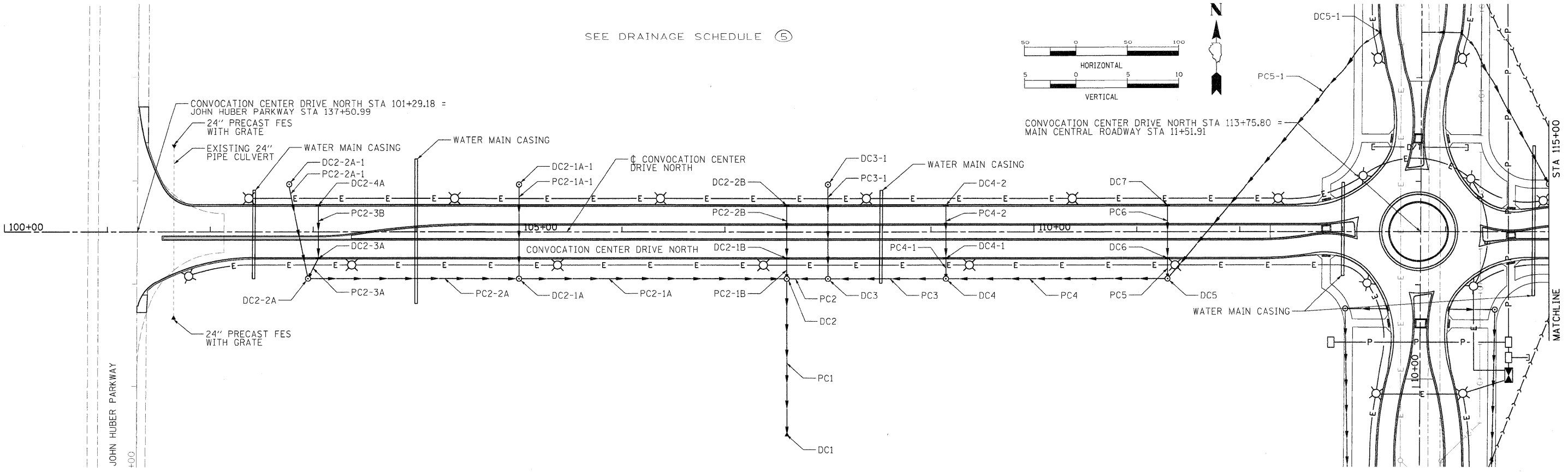
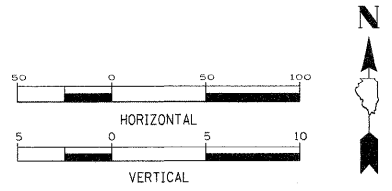
LAYOUT MHW 08/05/09 Hussu0411
 DRAWN MHW 10/01/10 MWS/2010
 REVISIONS DPA 10/01/10 (102) 106\GPR\633\CAD\Road\Sheet\C133\STW-EW.dgn



FILE NAME = C:\133-STW-EW.dgn	USER NAME = Hussu0411	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EAST-WEST ROADWAY DRAINAGE PLAN AND PROFILE	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 58	CONTRACT NO. 87476	
	PLOT SCALE = 50.000' / in.	DRAWN - MWH	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 222+00 TO STA. 227+00	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 11/05/2010	CHECKED - CRC	REVISED -									
		DATE - 11/04/10	REVISED -									



SEE DRAINAGE SCHEDULE ⑤

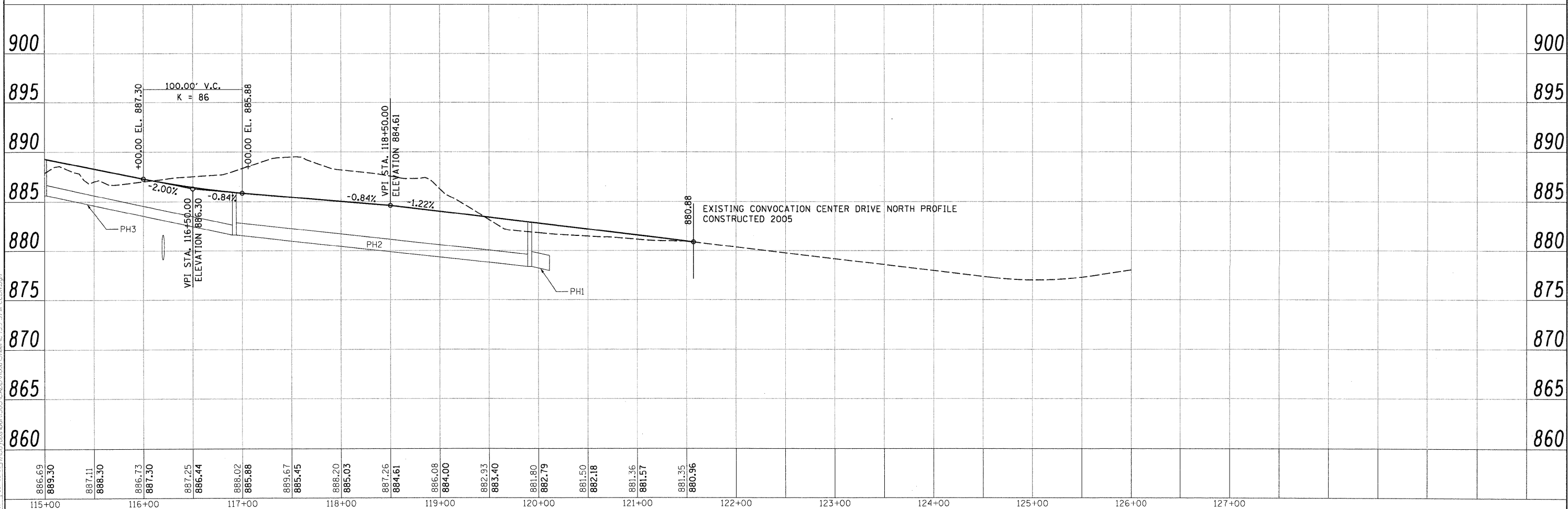
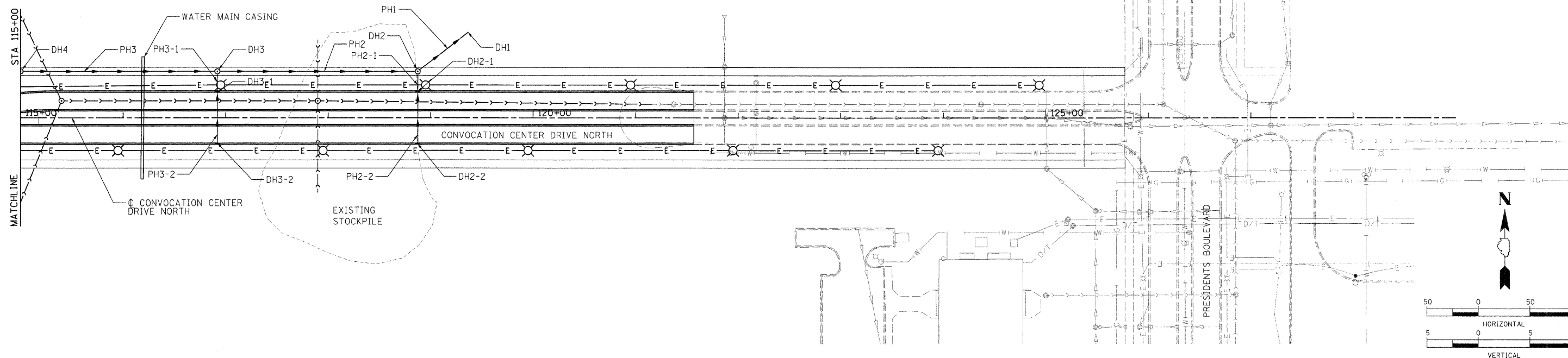


LAYOUT: MWH 09/07/10 Huss0041
 DRAWN: MWH 10/01/10 11/05/2010
 REVIEWED: DPA 10/01/10 11/05/2010
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FILE NAME =	USER NAME = Huss0041	DESIGNED = CRC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION CONVOCATION CENTER DRIVE NORTH DRAINAGE PLAN AND PROFILE	F.A.P. RATE: 567 SECTION: 06-00002-00-PV COUNTY: DEKALB TOTAL SHEETS: 148 SHEET NO.: 59 CONTRACT NO. 87476 ILLINOIS FED. AID PROJECT
C:\134-STW-CCDN.dgn	PLOT SCALE = 50:800 / in.	DRAWN = MWH	REVISED =			
	CHECKED = CRC	DATE = 11/04/10	REVISED =			
	PLOT DATE = 11/05/2010	DATE = 11/04/10	REVISED =			

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 100+00 TO STA. 115+00

SEE DRAINAGE SCHEDULE ⑥



FILE NAME = C:\35-SIM-000N.dwg
 USER NAME = Huser0411
 DESIGNED - CRC
 DRAWN - MWH
 CHECKED - CRC
 PLOT DATE = 11/05/2010

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887.25
886.44
888.02
885.88
889.67
885.45
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885.03
887.26
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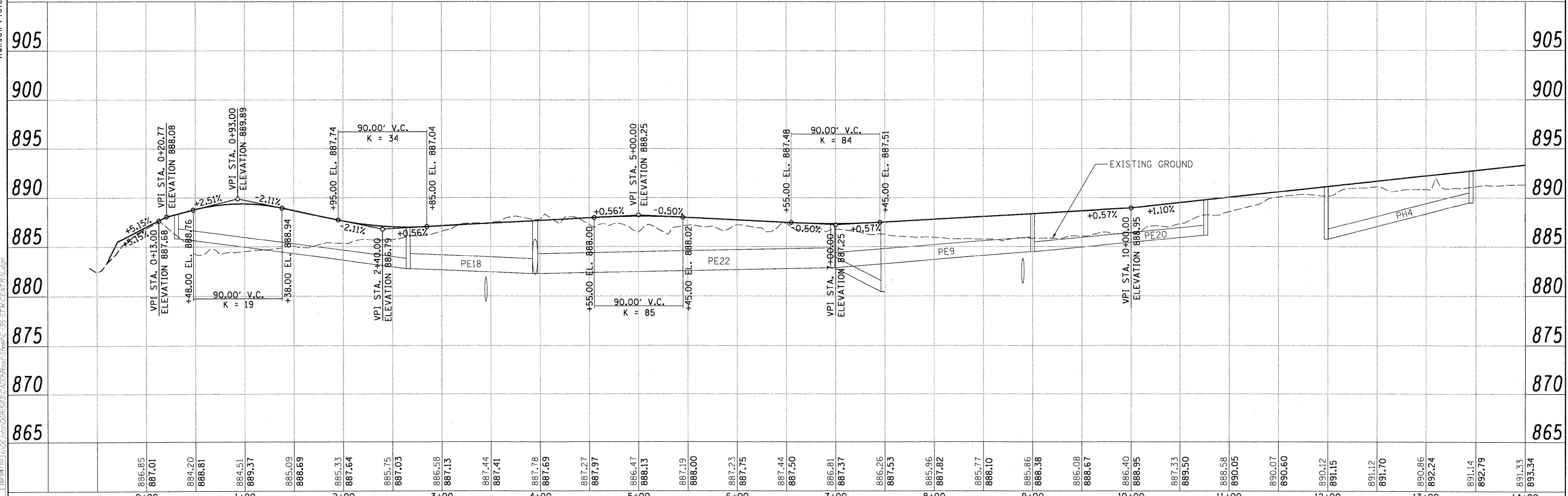
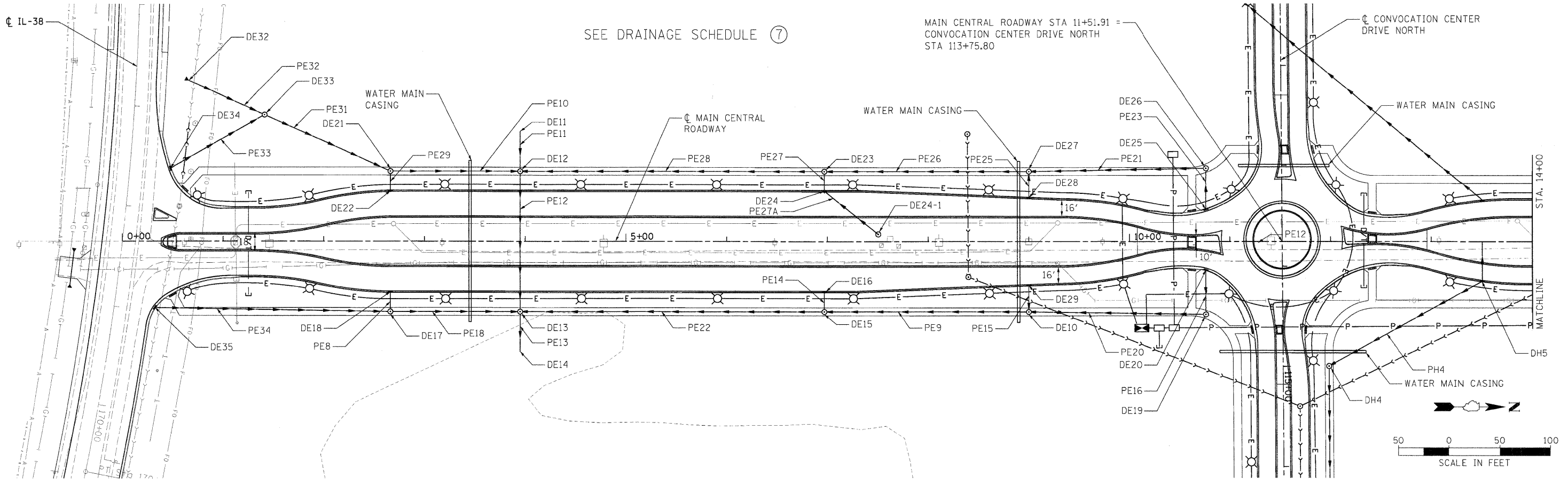
115+00
116+00
117+00
118+00
119+00
120+00
121+00
122+00
123+00
124+00
125+00
126+00
127+00

DESIGNED - CRC
 DRAWN - MWH
 CHECKED - CRC
 DATE - 11/04/10

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 CONVOCAION CENTER DRIVE NORTH DRAINAGE PLAN AND PROFILE
 SCALE: 1" = 50'
 SHEET NO. OF SHEETS STA. 115+00 TO STA. 122+00

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 60
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				



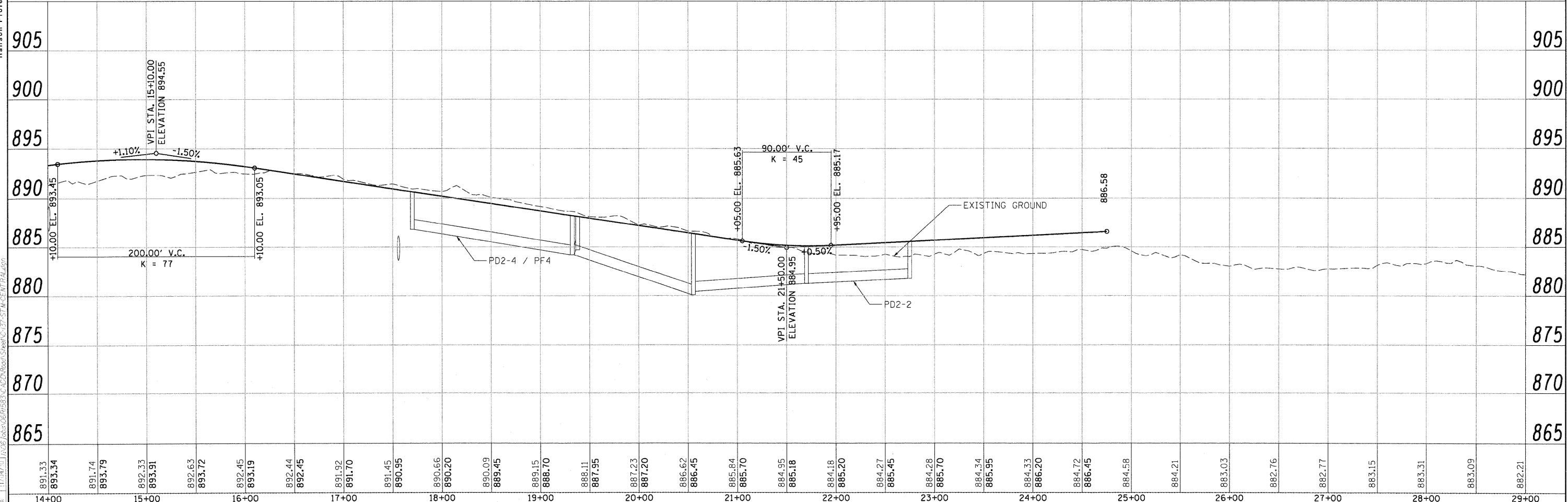
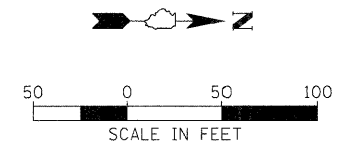
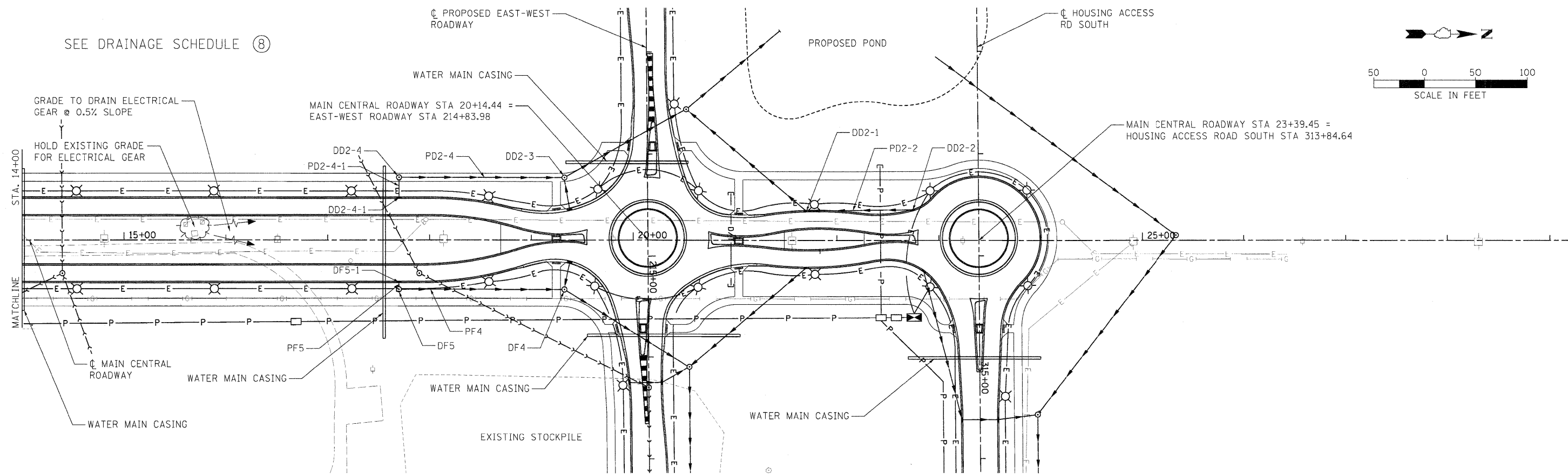
LAYOUT: MHP 04/16/08 HUS004H
 DRAWN: MHP 11/04/10 JCS0200
 REVIEWED: DPA 11/04/10 JCS0200
 FILE NAME: C:\136-STM-CENTRAL.dgn

FILE NAME = C:\136-STM-CENTRAL.dgn	USER NAME = MHP	DESIGNED - DPA	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION MAIN CENTRAL ROADWAY DRAINAGE PLAN AND PROFILE	F.A.P. RTE. = 567	SECTION = 06-00002-00-PV	COUNTY = DEKALB	TOTAL SHEETS = 148	SHEET NO. = 61		
PLLOT SCALE = 50.000' / 1"	PLLOT DATE = 11/04/10	DRAWN - MHP	REVISOR -			SCALE: 1" = 50.00'	SHEET NO. OF SHEETS	STA. 0+00 TO STA. 14+00	CONTRACT NO. 87476			
CHECKED - DPA	DATE - 11/04/10	REVISOR -	REVISOR -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
PLLOT DATE = 11/05/2010	DATE - 11/04/10	REVISOR -	REVISOR -									



LAYOUT: MWH 04/16/08 HUSS00041
 DRAWN: MWH 11/04/10 J0502010
 REVIEWED: DPA 11/24/10 J0670630618537-CACD-BROU-SHW-C-37-ST-M-CENTRAL-010

SEE DRAINAGE SCHEDULE (8)



891.33	893.34	891.74	893.79	892.33	893.91	892.63	893.72	892.45	893.19	892.44	892.45	891.92	891.70	891.45	890.95	890.66	890.20	890.09	889.45	889.15	888.70	888.11	887.95	887.23	887.20	886.62	886.45	885.84	885.70	884.95	885.18	884.16	885.20	884.27	885.45	884.28	885.70	884.34	885.95	884.33	886.20	884.72	886.45	884.58	884.21	883.03	882.76	882.77	883.15	883.31	883.09	882.21
14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00																																					

FILE NAME = C:\137-STIM-CENTRAL.dgn

USER NAME = MWH
 PLOT SCALE = 50.000' / in.
 PLOT DATE = 11/05/2010

DESIGNED - DPA
 DRAWN - MWH
 CHECKED - DPA
 DATE - 11/04/10

REVISED -
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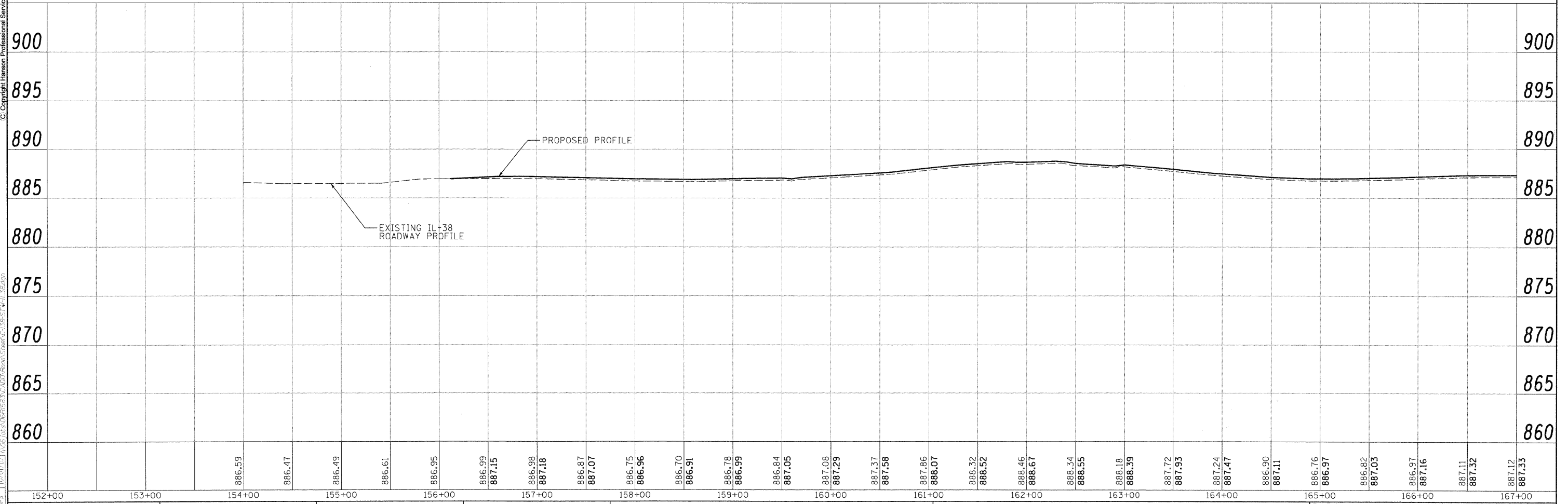
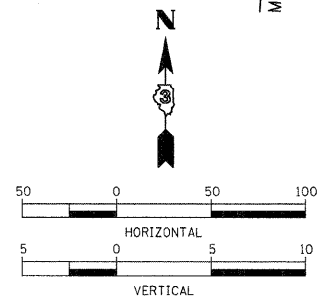
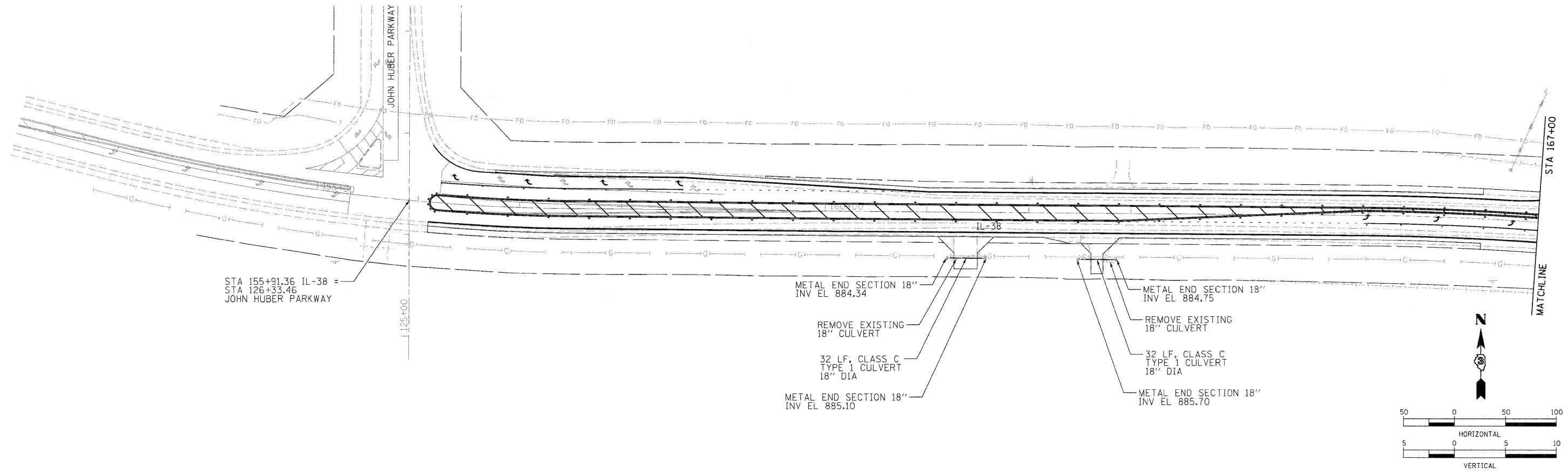
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 MAIN CENTRAL ROADWAY DRAINAGE PLAN AND PROFILE**

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 62
CONTRACT NO. 87476			ILLINOIS FED. AID PROJECT	



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LAYOUT: MWH 10/01/10 10:05:20
 DRAWN: MWH 10/01/10 10:05:20
 REVIEWED: DPA 11/04/10 14:06:18

152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00																																			
		886.59	886.47	886.49	886.61	886.95	886.99	887.15	886.98	887.18	886.87	887.07	886.75	886.96	886.70	886.91	886.78	886.99	886.84	887.05	887.08	887.29	887.37	887.58	887.86	888.07	888.32	888.52	888.46	888.67	888.34	888.55	888.18	888.39	887.72	887.93	887.24	887.47	886.90	887.11	886.76	886.97	886.82	887.03	886.97	887.16	887.11	887.32	887.12	887.33

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
FIGURE 3 IL-38 PLAN AND PROFILE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	63
CONTRACT NO. 87476			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 152+00 TO STA. 167+00

DRAINAGE SCHEDULE ④

EAST-WEST ROADWAY
STA 222+00 TO STA 227+00

PIPE DESIGNATION	OUTLET STRUCTURE	OUTLET INVERT	INLET STRUCTURE	INLET INVERT	PIPE DIA. (IN)	PIPE LENGTH (FT)	PIPE SLOPE (%)
PG2	DG3	879.07	DG2	878.72	12	35	1.0
PG1	DG2	878.47	DG1	873.12	15	85	6.3

STRUCTURE NUMBER	ITEM	RIM OR EOP	STATION	OFFSET	N INV EL	E INV EL	W INV EL	S INV EL
DG3	INLET, TYPE A, F & G TYPE 11	882.35	222+82.79	17.00	879.07 - 12"			
DG2	INLET, TYPE B, F & G TYPE 11	882.35	222+82.79	-17.00	878.47"			878.72 - 12"
DG1	INV	N/A	222+82.79	-102.00				873.12 - 15"

DRAINAGE SCHEDULE ⑤

CONVOCAION CENTER DRIVE NORTH
STA 100+00 TO STA 115+00

PIPE DESIGNATION	OUTLET STRUCTURE	OUTLET INVERT	INLET STRUCTURE	INLET INVERT	PIPE DIA. (IN)	PIPE LENGTH (FT)	PIPE SLOPE (%)
PC5-1	DC5-1	889.49	DC5	884.65	12	320	1.5
PC6	DC7	885.82	DC6	885.07	12	50	1.5
PC5	DC6	884.82	DC5	884.62	15	20	1.0
PC4	DC5	883.87	DC4	883.14	24	245	0.3
PC3	DC4	883.09	DC3	882.75	24	115	0.3
PC2	DC3	882.35	DC2	882.23	30	40	0.3
PC4-2	DC4-2	885.17	DC4-1	885.12	12	50	1.0
PC4-1	DC4-1	884.87	DC4	884.14	12	20	3.7
PC3-1	DC3-1	883.97	DC3	883.25	18	90	0.8
PC2-2B	DC2-2B	885.41	DC2-1B	884.91	12	50	1.0
PC2-1B	DC2-1B	884.81	DC2	883.73	12	20	5.4
PC2-2A-1	DC2-2A-1	885.51	DC2-2A	884.81	15	100	0.7
PC2-3B	DC2-4A	885.09	DC2-3A	884.84	18	50	0.5
PC2-3A	DC2-3A	884.74	DC2-2A	884.61	18	25	0.5
PC2-1A-1	DC2-1A-1	884.87	DC2-1A	884.20	15	95	0.7
PC2-2A	DC2-2A	884.21	DC2-1A	883.41	24	200	0.4
PC2-1A	DC2-1A	883.01	DC2	882.23	30	260	0.3
PC1	DC2	882.18	DC1	881.66	36 EQ	150	0.35

STRUCTURE NUMBER	ITEM	RIM OR EOP	STATION	OFFSET	N INV EL	E INV EL	W INV EL	S INV EL
DC2-2A-1	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	889.12	102+76.67	-45.60				885.51 - 15"
DC2-4A	INLET, TYPE B, F & G TYPE 11	888.24	103+05.00	-25.00				885.09 - 18"
DC2-3A	INLET, TYPE B, F & G TYPE 11	888.24	103+05.00	25.00	884.84 - 18"			884.74 - 18"
DC2-2A	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 F & G,CLOSED LID	889.24	102+94.99	45.60	884.61 - 18"	884.21 - 24"	884.81 - 15"	
DC2-1A-1	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	890.08	105+00.00	-45.60				884.87 - 15"
DC2-1A	MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 F & G,CLOSED LID	890.08	105+00.00	45.60	884.20 - 15"	883.01 - 30"	883.41 - 24"	
DC5-1	INLET, TYPE A, F & G TYPE 11	892.57	113+37.75	-198.63			889.49 - 12"	
DC7	INLET, TYPE A, F & G TYPE 11	888.87	111+30.00	-25.00				885.82 - 12"
DC6	INLET, TYPE B, F & G TYPE 11	888.87	111+30.00	25.00	885.07 - 12"			884.82 - 15"
DC5	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 F & G,CLOSED LID	889.69	111+30.00	45.60	884.62 - 15"	884.65 - 12"	883.87 - 24"	
DC4-2	INLET, TYPE A, F & G TYPE 11	887.93	109+14.50	-25.00				885.17 - 12"
DC4-1	INLET, TYPE B, F & G TYPE 11	887.93	109+14.50	25.00	885.12 - 12"			884.87 - 12"
DC4	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	888.75	109+14.50	45.60	884.14 - 12"	883.14 - 24"	883.09 - 24"	
DC3-1	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	889.18	108+00.00	-45.60				883.97 - 18"
DC3	MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 F & G,CLOSED LID	889.18	108+00.00	45.60	883.25 - 18"	882.75 - 24"	882.35 - 30"	
DC2-2B	INLET, TYPE A, F & G TYPE 11	888.56	107+60.00	-25.00				885.41 - 12"
DC2-1B	INLET, TYPE B, F & G TYPE 11	888.56	107+60.00	25.00	884.91 - 12"			884.81 - 12"
DC2	MANHOLE, TYPE A, 7' DIAMETER, TYPE 1 F & G, OPEN LID	889.38	107+60.00	45.60	883.73 - 12"	882.23 - 30"	882.23 - 30"	882.18 - 36" EQ
DC1	36" EQ FES	N/A	107+60.00	121.83	881.66			

DRAINAGE SCHEDULE ⑥

CONVOCAION CENTER DRIVE NORTH
STA 115+00 TO STA 122+00

PIPE DESIGNATION	OUTLET STRUCTURE	OUTLET INVERT	INLET STRUCTURE	INLET INVERT	PIPE DIA. (IN)	PIPE LENGTH (FT)	PIPE SLOPE (%)
PH4	DH5	889.49	DH4	885.75	12	175	2.1
PH3	DH4	885.55	DH3	881.81	12	192	2.0
PH2	DH3	881.50	DH2	879.60	15	200	1.0
PH1	DH2	879.32	DH1	878.84	18	60	0.8
PH3-2	DH3-2	882.46	DH3-1	881.96	12	50	1.0
PH3-1	DH3-1	881.71	DH3	881.61	15	21	0.5
PH2-2	DH2-2	880.37	DH2-1	879.87	12	50	1.0
PH2-1	DH2-1	879.52	DH2	879.52	15	21	0.5

STRUCTURE NUMBER	ITEM	RIM OR EOP	STATION	OFFSET	N INV EL	E INV EL	W INV EL	S INV EL
DH5	INLET, TYPE A, F & G TYPE 11	892.47	13+49.97	39.68				889.49 - 12"
DH4	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	889.39	115+00.00	-45.60	885.75 - 12"	885.65 - 12"		
DH3-2	INLET, TYPE A, F & G TYPE 11	885.71	116+92.00	25.00	882.46 - 12"			
DH3-1	INLET, TYPE B, F & G TYPE 11	885.71	116+92.00	-25.00	881.71 - 15"			881.96 - 12"
DH3	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	886.53	116+92.00	-45.60	881.85 - 12"	881.60 - 15"		881.61 - 15"
DH2-2	INLET, TYPE A, F & G TYPE 11	883.90	118+87.49	25.00	880.37 - 12"			
DH2-1	INLET, TYPE B, F & G TYPE 11	883.90	118+87.49	-25.00	879.62 - 15"			879.87 - 12"
DH2	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 F & G,CLOSED LID	884.72	118+87.49	-45.60	879.32 - 18"		879.60 - 15"	879.52 - 15"
DH1	18" FES	N/A	119+36.58	-83.55				878.84 - 18"



LAYOUT: MWH 11/07/10 HUSC004H
 DRAWN: MWH 11/04/10 11/09/2010
 REVIEWED: DPA 11/24/10 11/24/10
 C:\161-STIM-SCH.dgn

FILE NAME = C:\161-STIM-SCH.dgn	USER NAME = MWH	DESIGNED - DPA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION DRAINAGE SCHEDULE	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 66
PLOT SCALE = 50,000' / 1"	CHECKED - DPA	REVISIED -	SCALE:			SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISED -	CONTRACT NO. 87476							



LAYOUT MWH 05/20/10 Huss00411
 DRAWN MWH 05/20/10 10052010
 CHECKED CRC 11/04/10

FILE NAME = C:\147-GRD.dgn

JOHN HUBER PARKWAY

EAST-WEST ROADWAY STA 201+36.88 =
 JOHN HUBER PARKWAY STA 149+38.23

EAST-WEST ROADWAY

PROPOSED POND

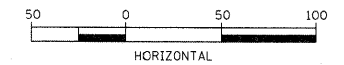
WATER ELEVATION

PROPOSED POND

WATER ELEVATION

1205+00

1210+00



USER NAME = Huss00411
 PLOT SCALE = 50.000' / in.
 PLOT DATE = 11/05/2010

DESIGNED - CRC
 DRAWN - MWH
 CHECKED - CRC
 DATE - 11/04/10

REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

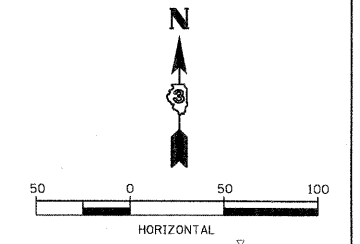
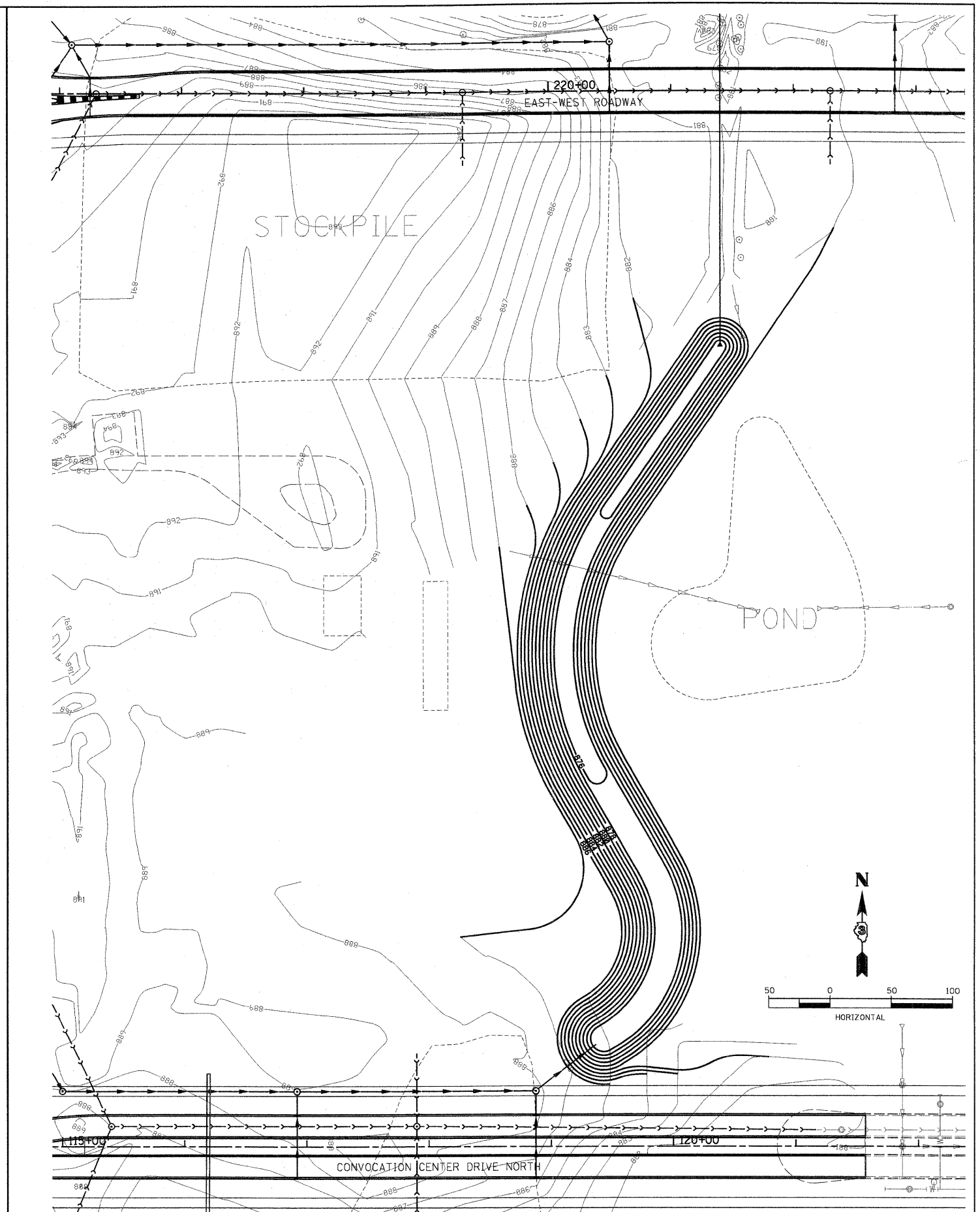
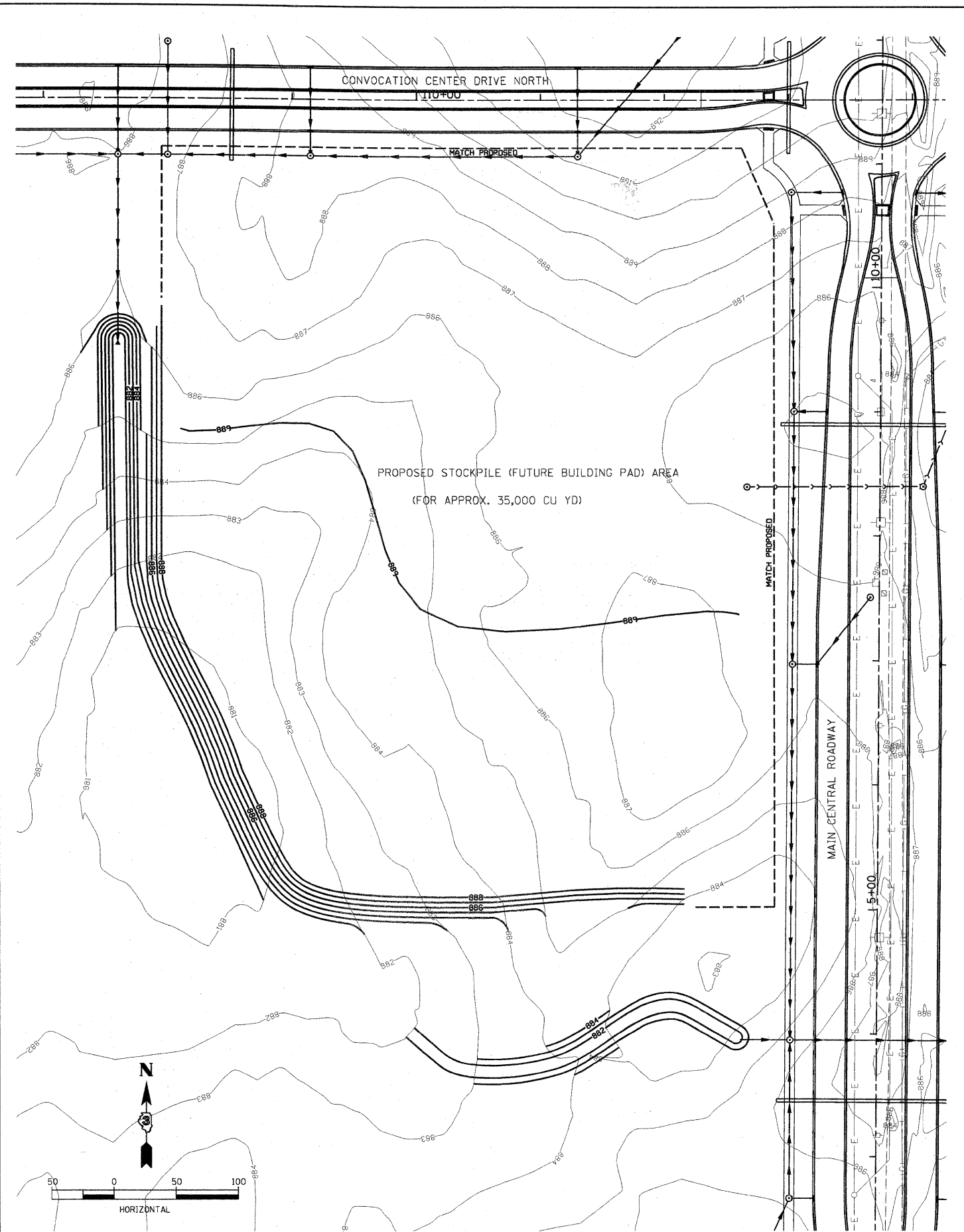
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 SHEET NO. OF SHEETS
 STA. 200+00 TO STA. 207+00

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 DETENTION GRADING AND DRAINAGE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	68
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				



LAYOUT MWH 09/20/10 Almp01238
 DRAWN MWH 09/20/10 Almp01238
 REVIEWED CRC 10/01/10 1436 1246 06R1593 C:ADD:RoadSheetC-148-GRD.dgn



FILE NAME = C:148-GRD.dgn

USER NAME = Almp01238
 PLOT SCALE = 50.000' / 1"
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

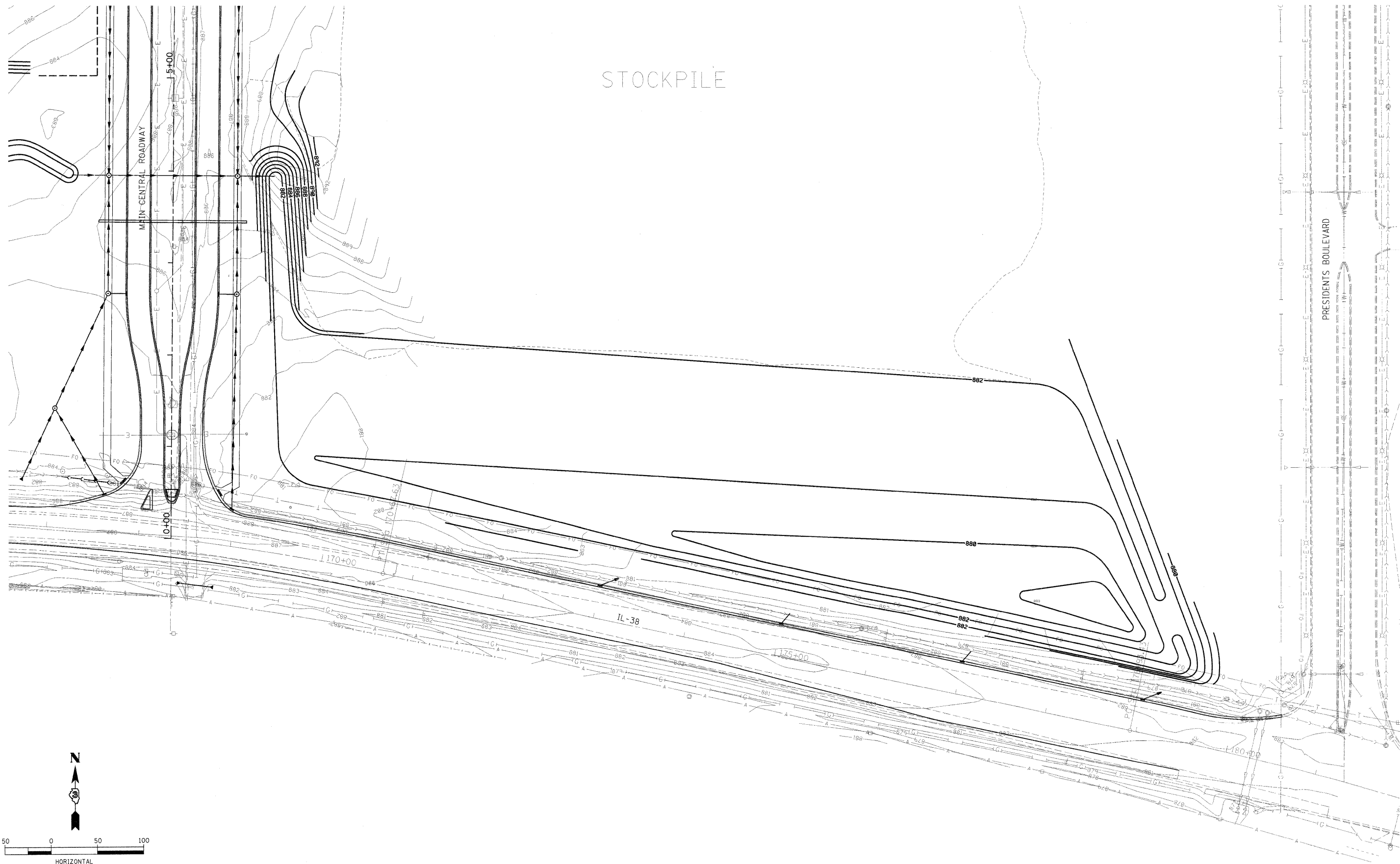
**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 DETENTION GRADING AND DRAINAGE PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 200+00 TO STA. 207+00

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 69
				CONTRACT NO. 87476
ILLINOIS FED. AID PROJECT				



Hanson Professional Services Inc.



LAYOUT: MWH 09/20/10 Hussu00411
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 REVIEWED: CRC 10/01/10 I:\06\185\06\185\3\CAD\06\01\State\AC-145-GRD.dwg

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 DATE - 11/04/10

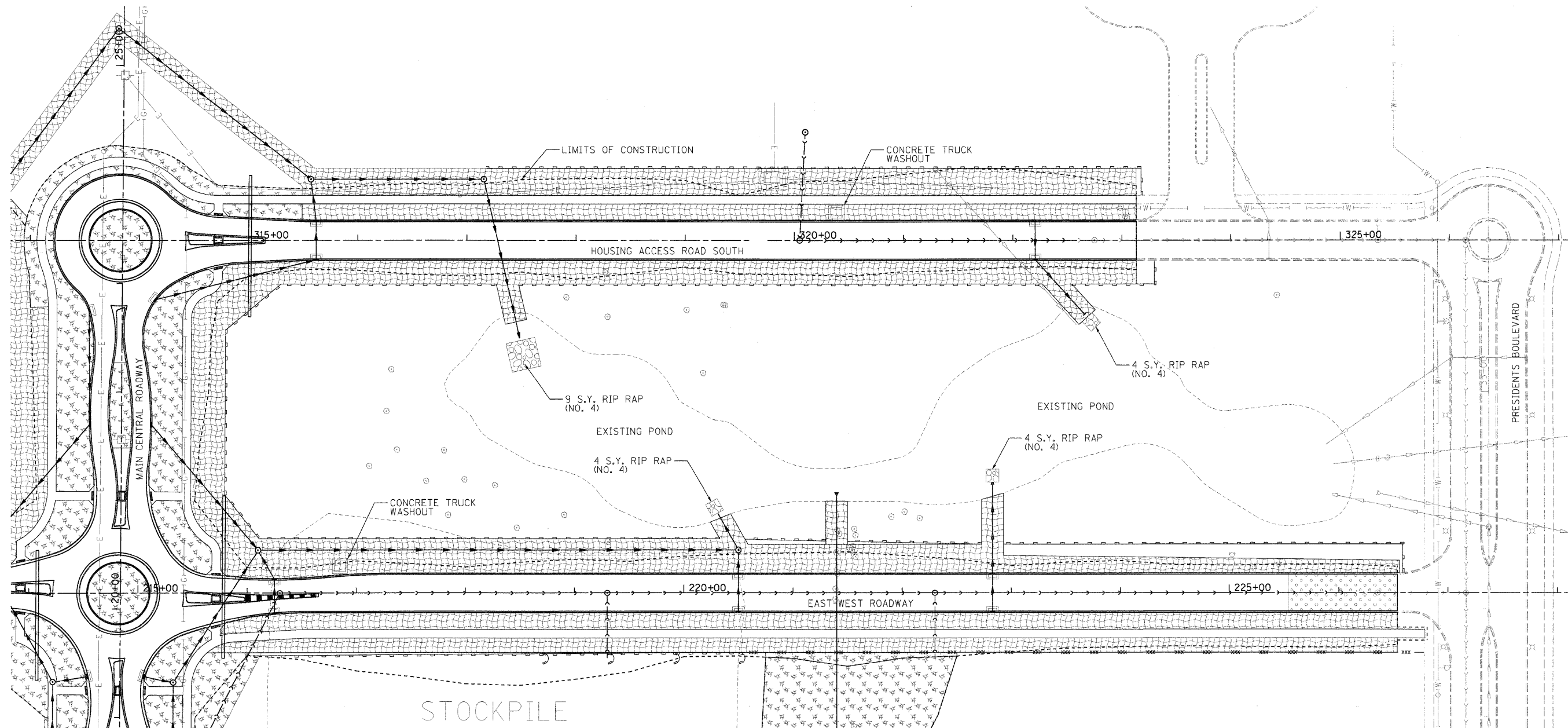
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**












**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 DETENTION GRADING AND DRAINAGE PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 200+00 TO STA. 207+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	70
CONTRACT NO. 87476				
ILLINOIS/FED. AID PROJECT				



LEGEND:

-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  MULCH METHOD 2 PROCEDURE 3
-  STABILIZED CONSTRUCTION ENTRANCE
-  RIPRAP GRADATION 4
-  INLET PROTECTION
-  CONCRETE TRUCK WASHOUT
-  PERIMETER EROSION CONTROL BARRIER TYPE 1
-  PERIMETER EROSION CONTROL BARRIER TYPE 2
-  JAY HOOKS IN EROSION CONTROL BARRIER
-  DITCH CHECKS

LAYOUT: 08/24/09 Husu0041
DRAWN: 10/01/10 MWH
REVIEWED: DPA 10/01/10
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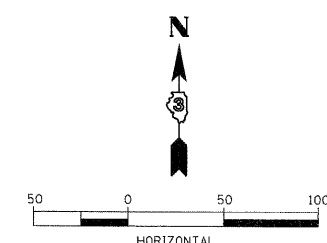
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PLOT DATE = 11/05/2010

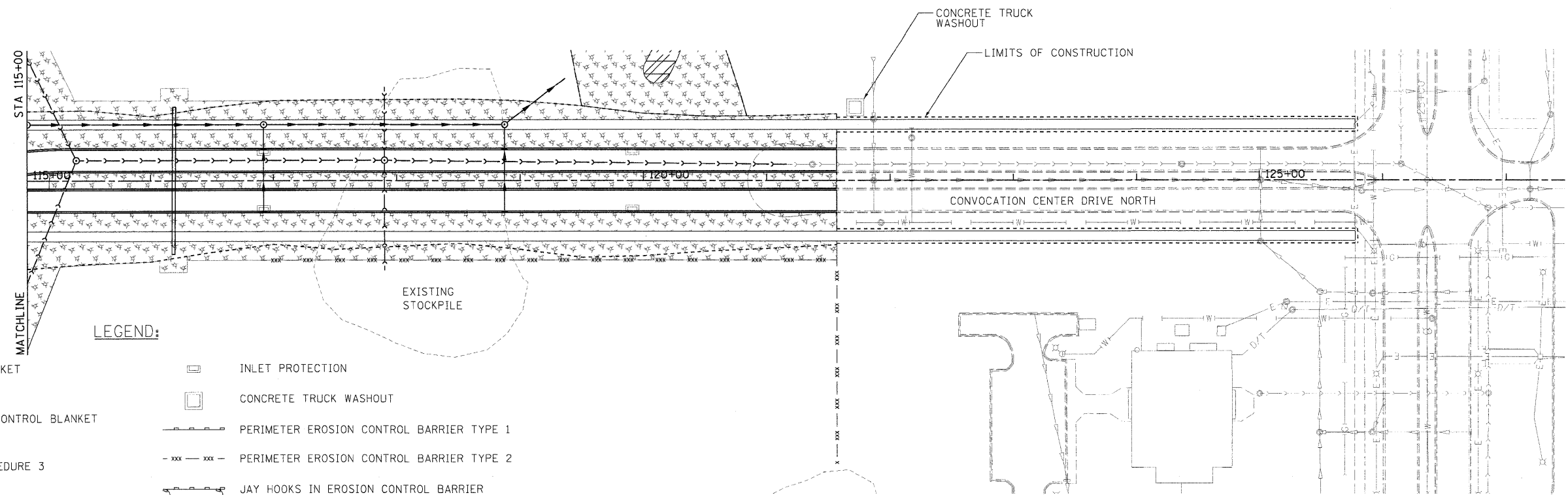
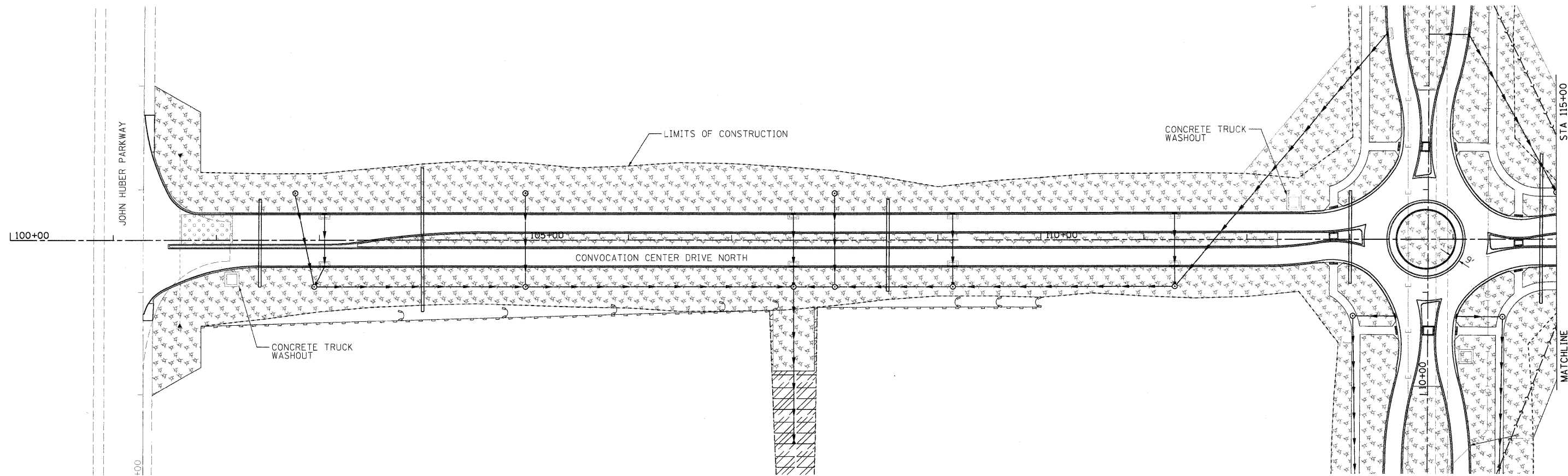
REVISOR -
REVISION -
REVISOR -
REVISION -
DATE - 11/04/10

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
HOUSING ACCESS ROAD SOUTH & EAST-WEST ROADWAY EROSION CONTROL PLAN**
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 313+00 TO STA. 323+00

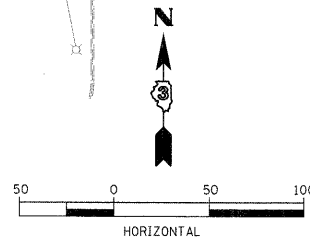
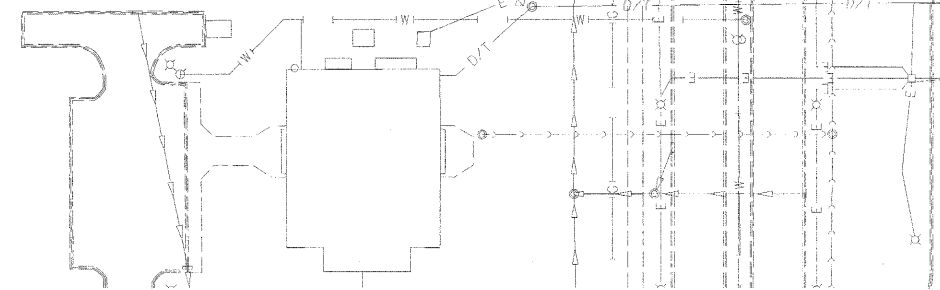
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	71
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				





LEGEND:

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- MULCH METHOD 2 PROCEDURE 3
- STABILIZED CONSTRUCTION ENTRANCE
- RIPRAP GRADATION 4
- INLET PROTECTION
- CONCRETE TRUCK WASHOUT
- PERIMETER EROSION CONTROL BARRIER TYPE 1
- PERIMETER EROSION CONTROL BARRIER TYPE 2
- JAY HOOKS IN EROSION CONTROL BARRIER
- DITCH CHECKS



FILE NAME =	C:\187\ERO-CCDN.dgn
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PLLOT DATE =	11/05/2010

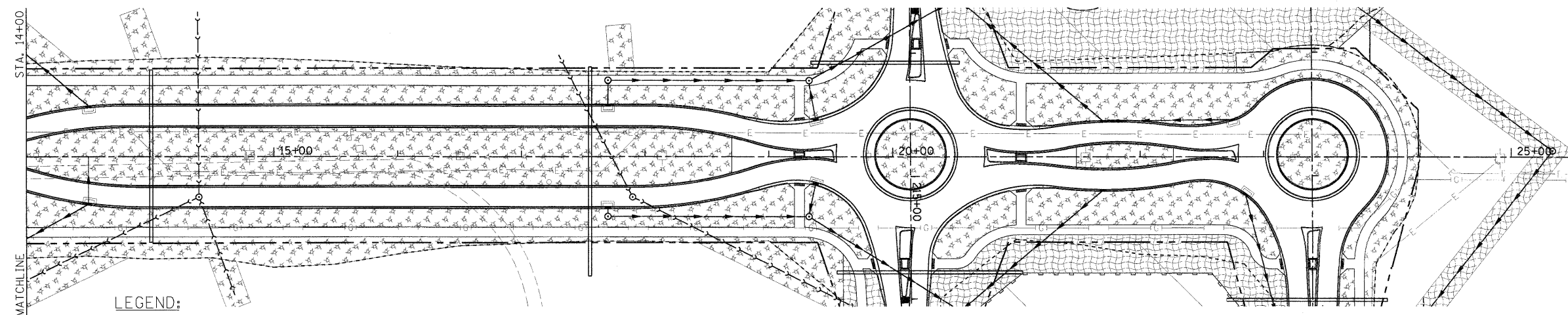
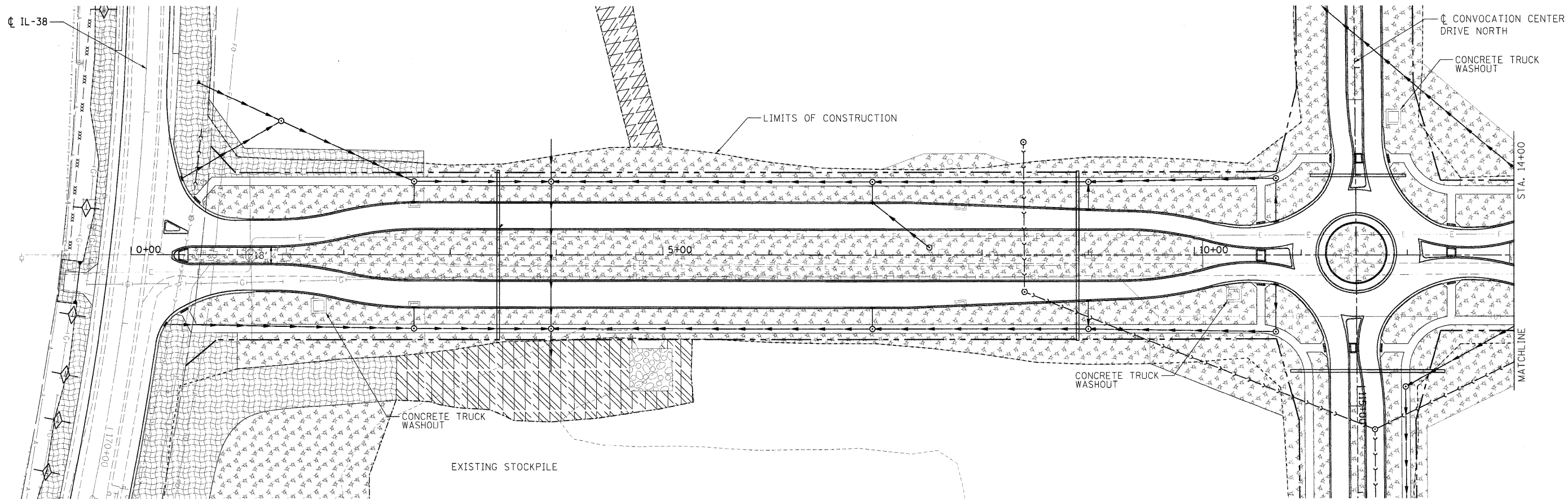
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DATE -	11/04/10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

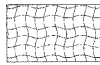
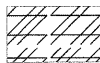
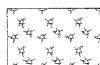




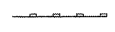
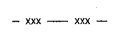


**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
CONVOCATION CENTER DRIVE NORTH EROSION CONTROL PLAN**

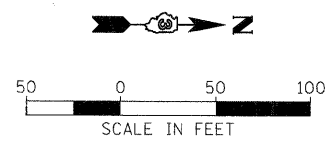
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567	06-00002-00-PV	DEKALB	148	73
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  MULCH METHOD 2 PROCEDURE 3
-  STABILIZED CONSTRUCTION ENTRANCE
-  RIPRAP GRADATION 4
-  INLET PROTECTION
-  CONCRETE TRUCK WASHOUT
-  PERIMETER EROSION CONTROL BARRIER TYPE 1
-  PERIMETER EROSION CONTROL BARRIER TYPE 2
-  JAY HOOKS IN EROSION CONTROL BARRIER
-  DITCH CHECKS



USER NAME = MWH	DESIGNED - DPA	REVISED -
PLOT SCALE = AS SHOWN	DRAWN - MWH	REVISED -
PLOT DATE = 11/05/2010	CHECKED - DPA	REVISED -
	DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

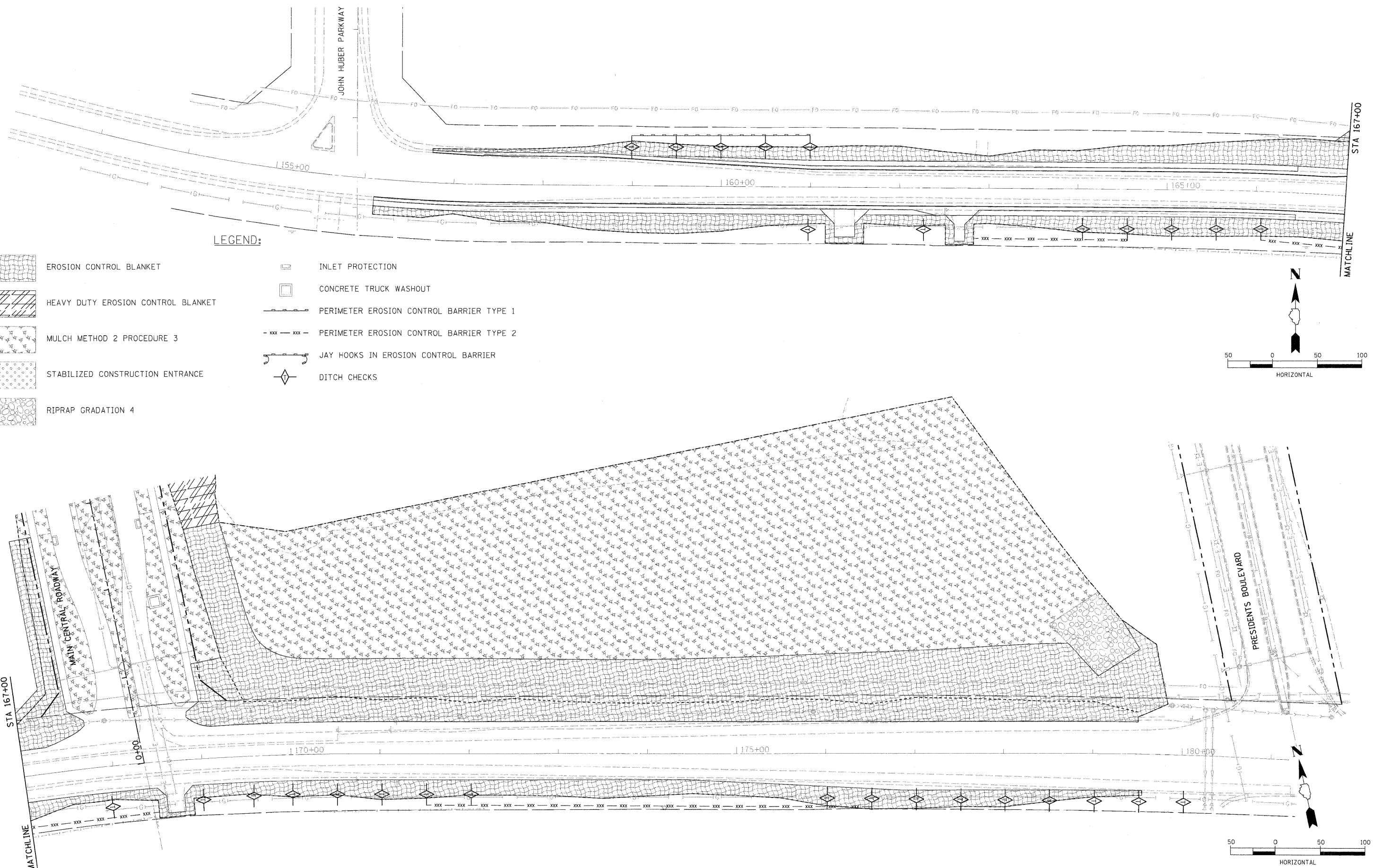
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SCALE: AS SHOWN	SHEET NO. OF SHEETS	STA. 0+00 TO STA. 14+00	

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 74
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 87476		



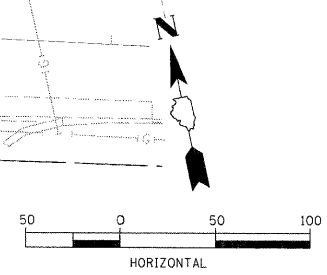
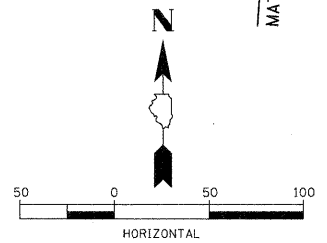
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LAYOUT: MH- 08/27/10 Huss00411
 DRAWN: MH- 05/08/10 ACS02010
 REVIEWED: DPA JAG6 JAG6/ER633;CADD/Revit/Steve/C-89-ER6-IL38.dgn



LEGEND:

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- MULCH METHOD 2 PROCEDURE 3
- STABILIZED CONSTRUCTION ENTRANCE
- RIPRAP GRADATION 4
- INLET PROTECTION
- CONCRETE TRUCK WASHOUT
- PERIMETER EROSION CONTROL BARRIER TYPE 1
- PERIMETER EROSION CONTROL BARRIER TYPE 2
- JAW HOOKS IN EROSION CONTROL BARRIER
- DITCH CHECKS



FILE NAME = C:\189-ERO-IL38.dgn	USER NAME = Huss00411	DESIGNED - DPA	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION IL38 EROSION CONTROL PLAN	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 75	
	PLOT SCALE = 50.000' / in.	DRAWN - MWH	REVISD -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 167+00	CONTRACT NO. 87476		ILLINOIS FED. AID PROJECT
	CHECKED - DPA	DATE - 11/04/10	REVISD -								
	PLOT DATE = 11/05/2010	DATE -	REVISD -								



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GENERAL

1. THE EROSION CONTROL PLANS ARE INCLUDED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.
2. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS AND PREVENT ON-SITE DAMAGE. THIS WORK MAY BE CONSTRUCTED OF PERIMETER EROSION CONTROL BARRIER, DITCH CHECKS, SEEDING, OR OTHER APPROPRIATE METHODS AND MATERIALS, SEPARATELY OR IN COMBINATION AS APPROVED BY THE RESIDENT ENGINEER.
3. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE RESIDENT ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK.
4. THE RESIDENT ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.
5. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE RESIDENT ENGINEER AND AS SHOWN IN STANDARD 280001, OR IN THESE PLANS.
7. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN. THE PLAN MAY INCLUDE BUT NOT LIMITED TO THE FOLLOWING:
 - TEMPORARY DITCH CHECKS
 - PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - TEMPORARY EROSION CONTROL SEEDING
 - EROSION CONTROL BLANKET
8. THE EROSION CONTROL PLAN INCLUDES WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.
9. IN THE EVENT OF HIGH WATER AND/OR HIGH FLOW RATES THAT DAMAGE THE PERIMETER EROSION AND SEDIMENT CONTROLS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING EROSION CONTROLS AND FOR RETRIEVING ANY CONTROLS THAT HAVE BEEN WASHED DOWNSTREAM.
10. STAW BALES ARE NOT ALLOWED FOR ANY USE EXCEPT FOR CONCRETE TRUCK CLEAN UP.
11. SILT FENCING IS NOT ALLOWED FOR USE IN DITCH CHECKS.

PRIOR TO CONSTRUCTION

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING:
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER

DURING CONSTRUCTION

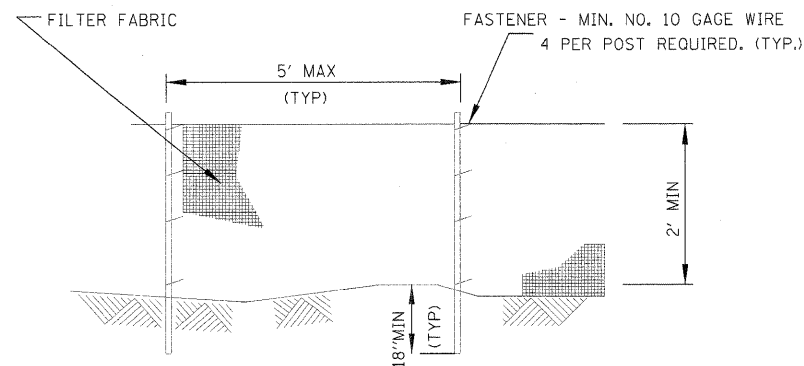
1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:
 - CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
 - INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLAN OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.
 - PERFORM TEMPORARY EROSION CONTROL SEEDING AS SPECIFIED IN ARTICLE 280.04(f) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER. TEMPORARY EROSION CONTROL SEEDING, SHALL ONLY BE PLACED ON AREAS EXPECTED TO REMAIN UNDISTURBED FOR GREATER THAN 21 CONTINUOUS DAYS.
2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS:
 - THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE RESIDENT ENGINEER AT ALL TIMES DURING THE PROJECT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, AND REMOVAL OF TRAPPED SEDIMENT.
 - IF THE CONTRACTOR FAILS TO MAINTAIN THE TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE RESIDENT ENGINEER, THE RESIDENT ENGINEER MAY AT THE EXPIRATION OF A PERIOD OF 48 HOURS, AFTER HAVING GIVEN THE CONTRACTOR WRITTEN NOTICE, PROCEED TO MAINTAIN THE SYSTEMS AS DEEMED NECESSARY, AND THE COST THEREOF WILL BE DEDUCTED FROM ANY COMPENSATION DUE, OR WHICH MAY BECOME DUE TO THE CONTRACTOR UNDER THIS CONTRACT.

PRIOR TO LANDSCAPING/RESTORATION

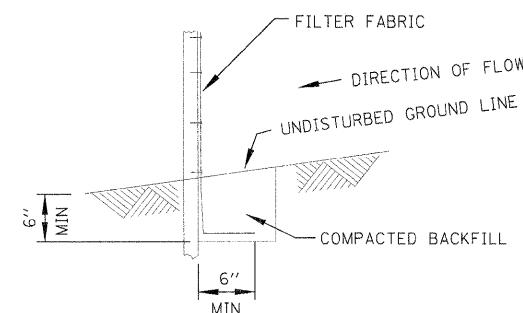
1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:
 - REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, AND REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING.
 - REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED PERIMETER EROSION CONTROL BARRIER.

FOLLOWING LANDSCAPING/RESTORATION

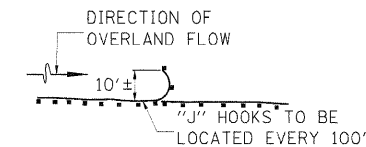
1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.



ELEVATION



FABRIC ANCHOR DETAIL



INSTALLATION OF "J" HOOKS FOR SEDIMENT BARRIERS NOT INSTALLED PARALLEL TO THE CONTOUR LINE

SEDIMENT FENCE J-HOOKS
NTS

NOTES:

1. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS I WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

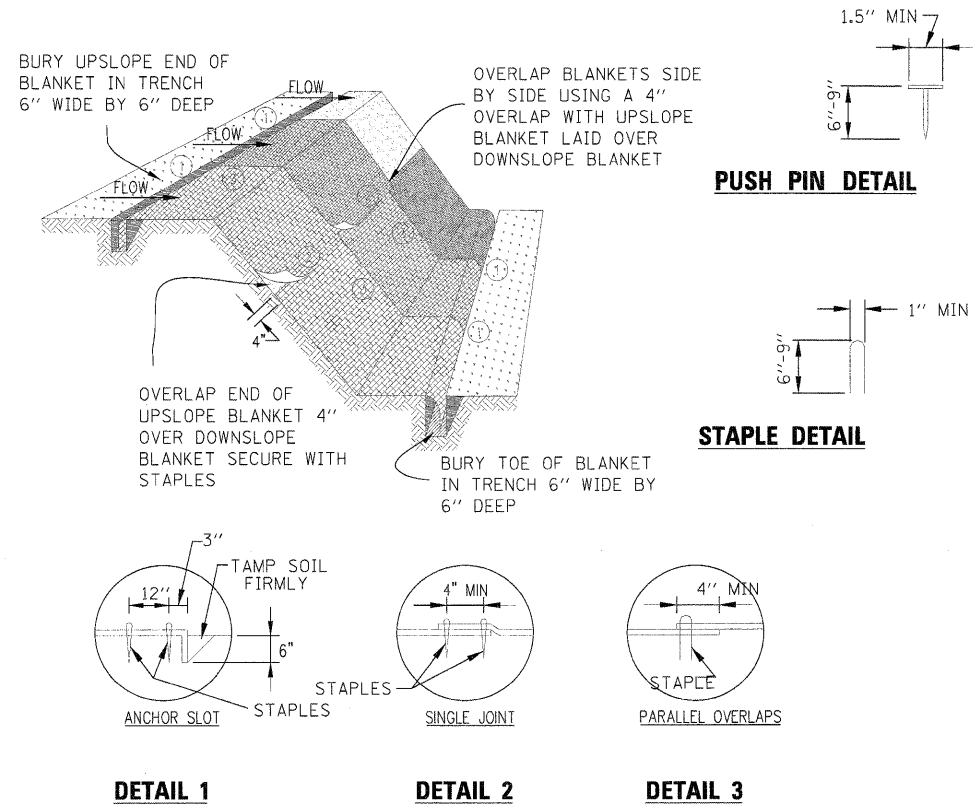
VEGETATION ESTABLISHED

1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:
 - REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE RESIDENT ENGINEER.
 - RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING MEASURES.

INTENDED SEQUENCE

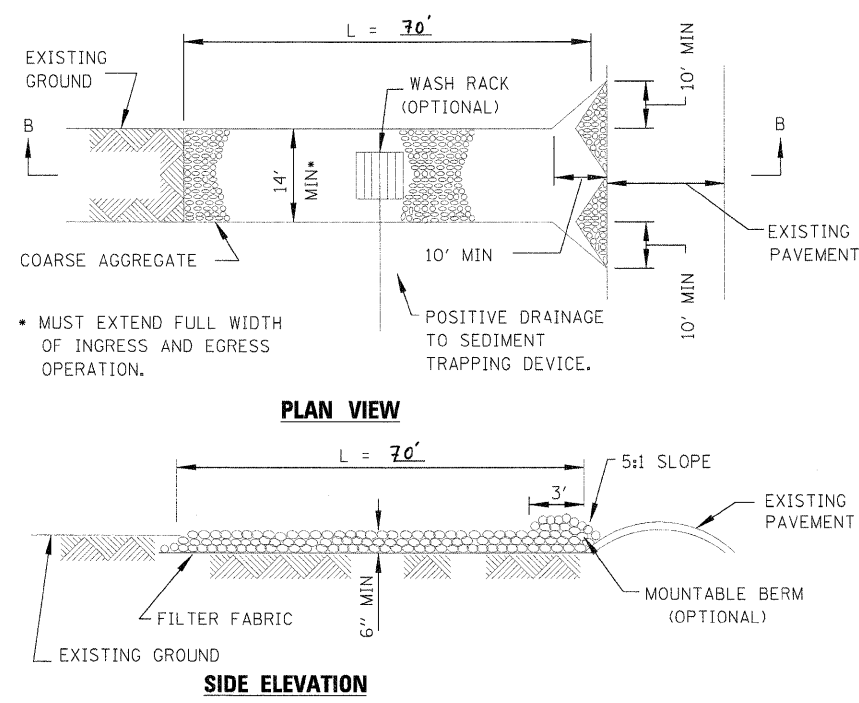
1. PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
2. CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280).
3. PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280.
4. FINAL SHAPE, GRADE, AND PAVE ROADWAY.
5. PLACE REMAINING PERMANENT EROSION CONTROLS.

FILE NAME = C:\190-ERO-DETL\DXN	USER NAME =	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EROSION CONTROL PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MODEL NAME =	PLOT SCALE =	DRAWN - JDM	REVISED -					WINNEBAGO	148	76	
	PLOT DATE =	CHECKED - CRC	REVISED -			CONTRACT NO.					
		DATE - 11/04/10	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



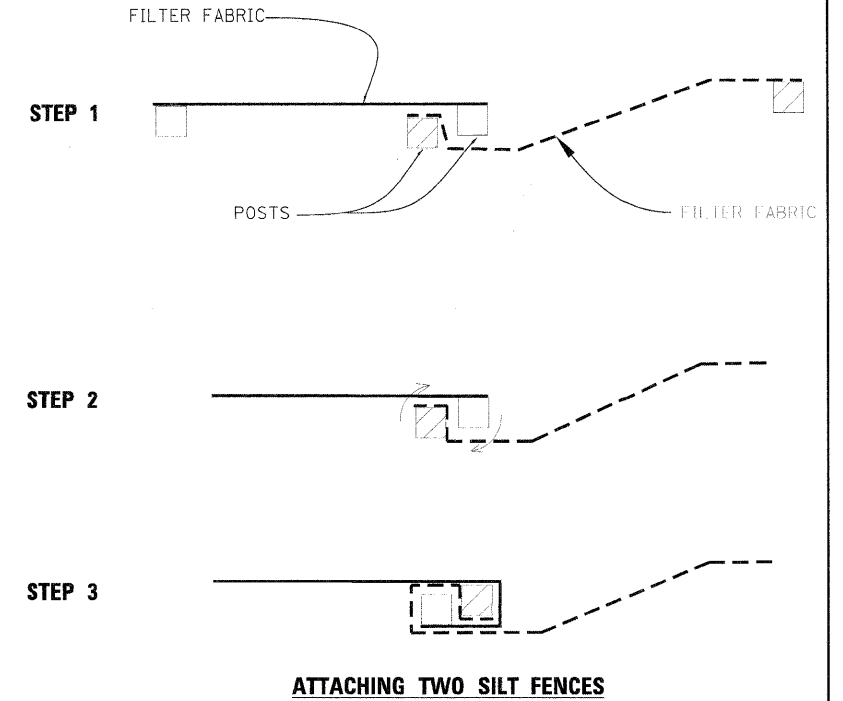
- NOTES:
1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STITCHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STITCHED BLANKET PER 100 S.Y. OF MATERIAL.
 2. STAPLE OR PUSH PIN LENGTHS SHALL BE SELECTED BASED ON SOIL TYPE AND CONDITIONS. (MINIMUM STAPLE LENGTH IS 6")
 3. EROSION CONTROL MATERIAL SHALL BE PLACED IN CONTACT WITH THE SOIL OVER A PREPARED SEEDBED.
 4. ALL ANCHOR SLOTS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

**EROSION CONTROL
BLANKET INSTALLATION DETAILS**



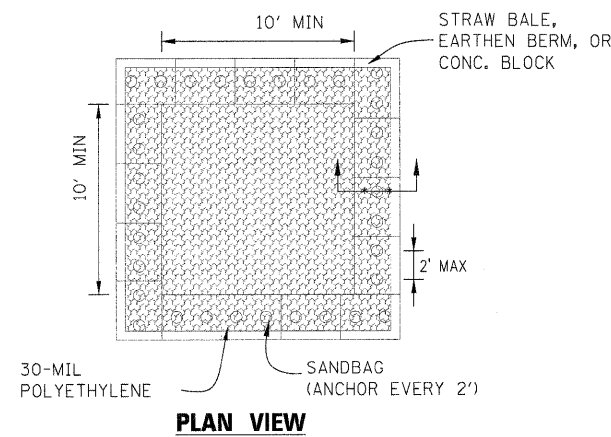
- NOTES:
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF ARTICLE 1080.03 GRADATION 4 AND 5 OF THE STANDARD SPECIFICATIONS AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
 2. ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATION, CA-1, CA-2, CA-3 OR CA-4 AND BE PLACED ACCORDING TO ARTICLE 351.07 AND APPLICABLE PORTIONS OF ARTICLE 351.09 OF THE STANDARD SPECIFICATIONS.
 3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

**STABILIZED CONSTRUCTION
ENTRANCE PLAN**



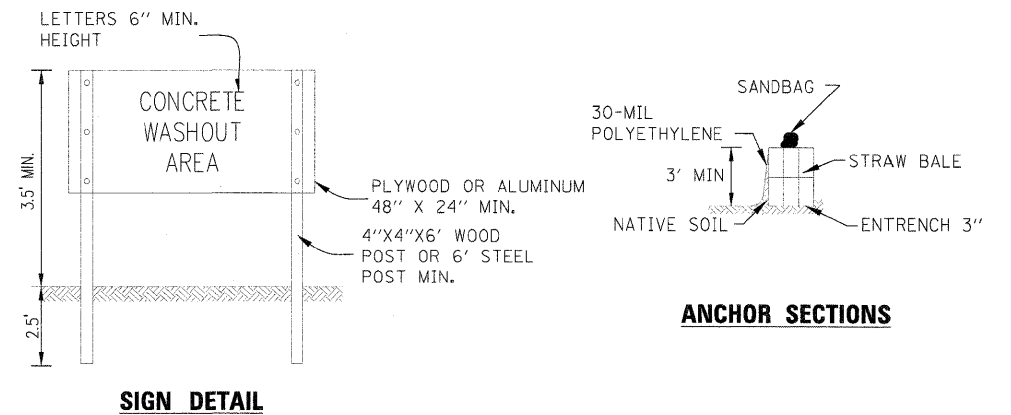
- NOTES:
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
 2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
 3. DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.

SILT FENCE



- NOTES:
1. MAINTAINING TEMPORARY CONCRETE WASHOUT SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE WASHOUT TO A FUNCTIONAL CONDITION.
 2. WASHOUT SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

TEMPORARY CONCRETE WASHOUT



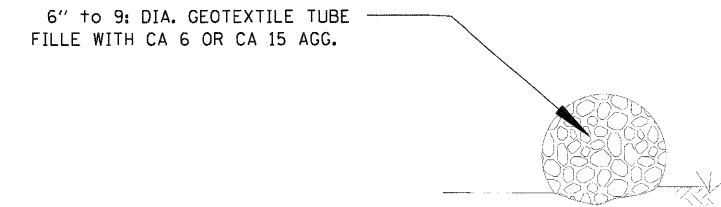
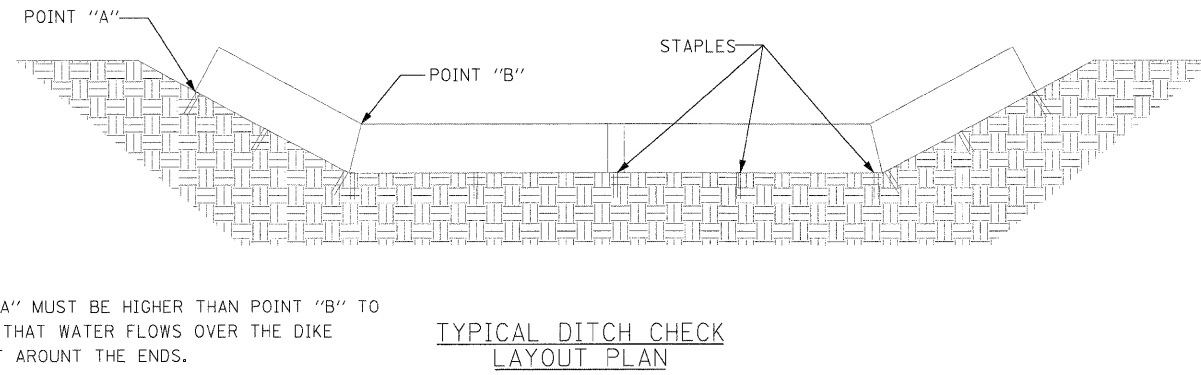
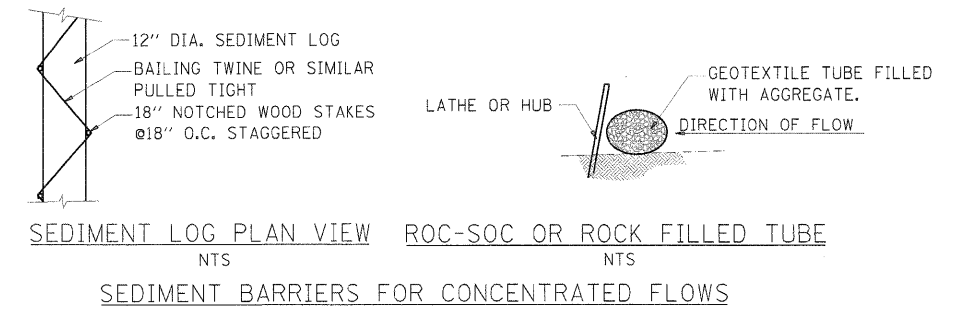
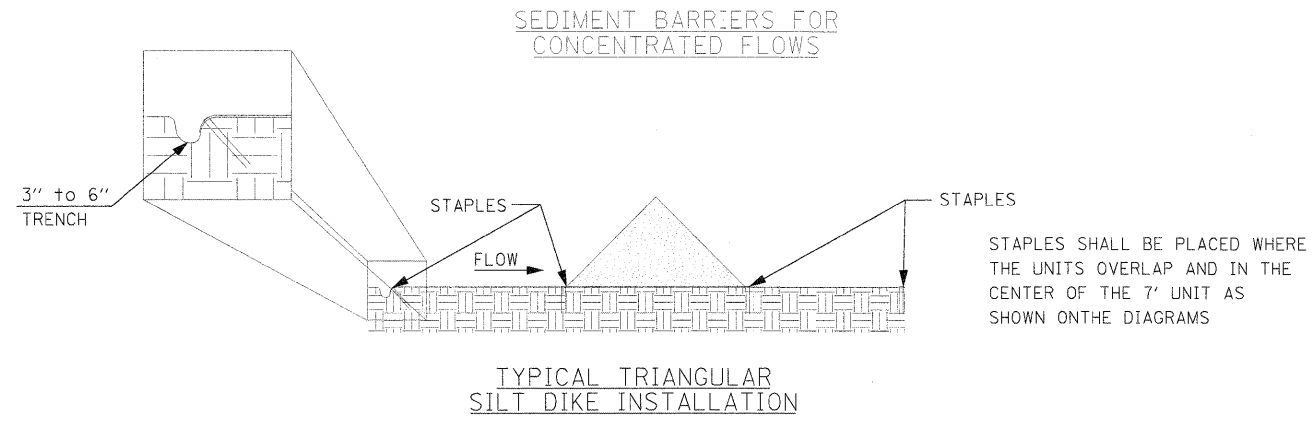
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	PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
EROSION CONTROL DETAILS

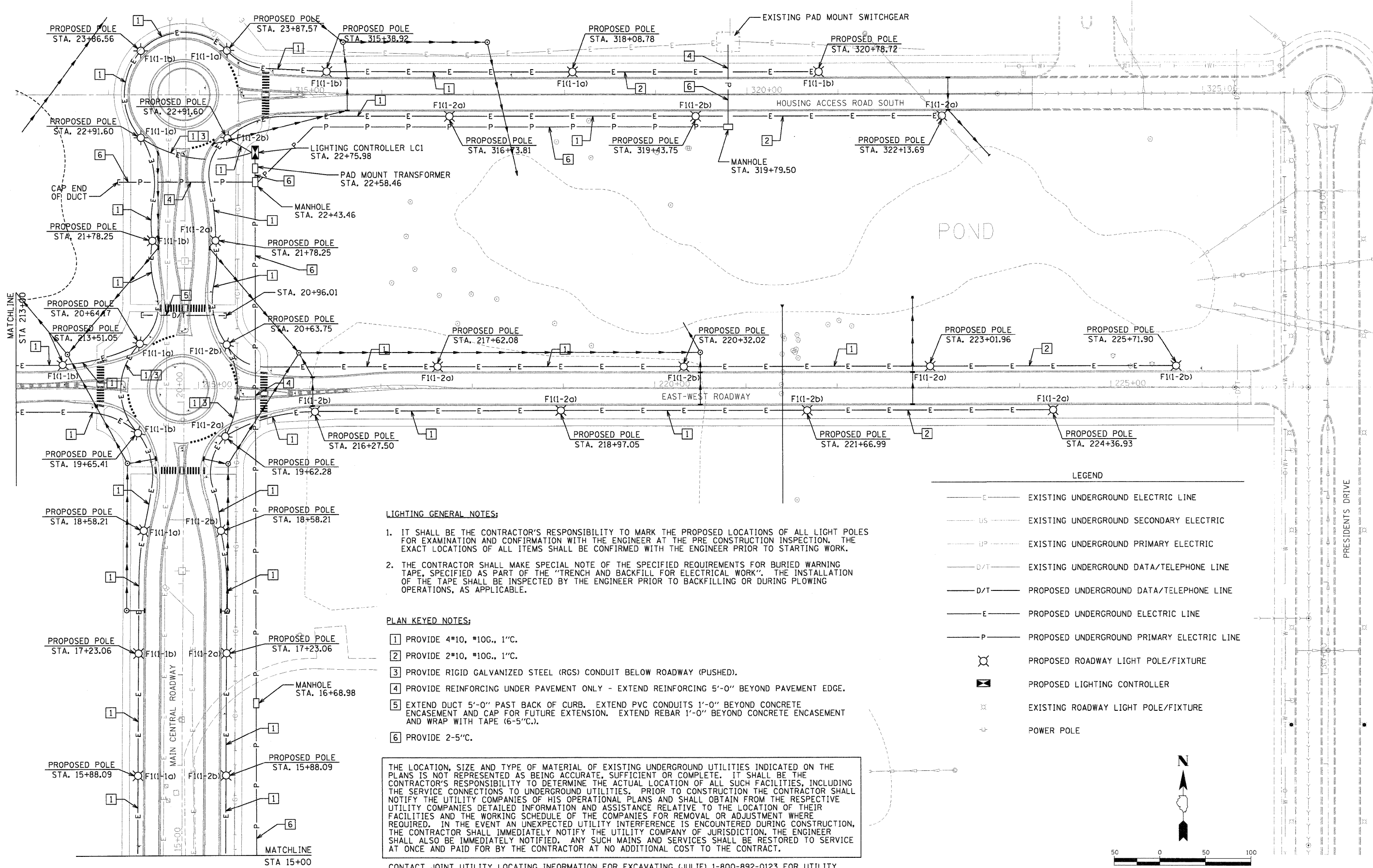
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 77
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



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FILE NAME = E-192-ERO-DE13.DGN	USER NAME =	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EROSION CONTROL PLAN			F.A.I. RTE.	SECTION	COUNTY WINNEBAGO	TOTAL SHEETS 148	SHEET NO. 78
MODEL NAME =	PLOT SCALE =	DRAWN - JDM	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.
	PLOT DATE =	CHECKED - CRC	REVISED -									
		DATE - 11/04/10	REVISED -									



LIGHTING GENERAL NOTES:

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PLAN KEYED NOTES:

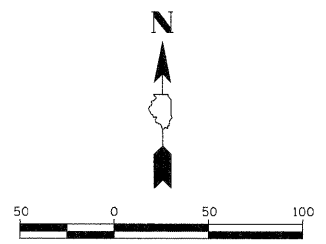
- PROVIDE 4#10, #10G., 1" C.
- PROVIDE 2#10, #10G., 1" C.
- PROVIDE RIGID GALVANIZED STEEL (RGS) CONDUIT BELOW ROADWAY (PUSHED).
- PROVIDE REINFORCING UNDER PAVEMENT ONLY - EXTEND REINFORCING 5'-0" BEYOND PAVEMENT EDGE.
- EXTEND DUCT 5'-0" PAST BACK OF CURB. EXTEND PVC CONDUITS 1'-0" BEYOND CONCRETE ENCASEMENT AND CAP FOR FUTURE EXTENSION. EXTEND REBAR 1'-0" BEYOND CONCRETE ENCASEMENT AND WRAP WITH TAPE (6-5"C.).
- PROVIDE 2-5"C.

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CONTACT JOINT UTILITY LOCATING INFORMATION FOR EXCAVATING (JULIE) 1-800-892-0123 FOR UTILITY INFORMATION.

LEGEND

- E— EXISTING UNDERGROUND ELECTRIC LINE
- US— EXISTING UNDERGROUND SECONDARY ELECTRIC
- UP— EXISTING UNDERGROUND PRIMARY ELECTRIC
- D/T— EXISTING UNDERGROUND DATA/TELEPHONE LINE
- D/T— PROPOSED UNDERGROUND DATA/TELEPHONE LINE
- E— PROPOSED UNDERGROUND ELECTRIC LINE
- P— PROPOSED UNDERGROUND PRIMARY ELECTRIC LINE
- ⊗ PROPOSED ROADWAY LIGHT POLE/FIXTURE
- ⊠ PROPOSED LIGHTING CONTROLLER
- ⊗ EXISTING ROADWAY LIGHT POLE/FIXTURE
- ⊕ POWER POLE

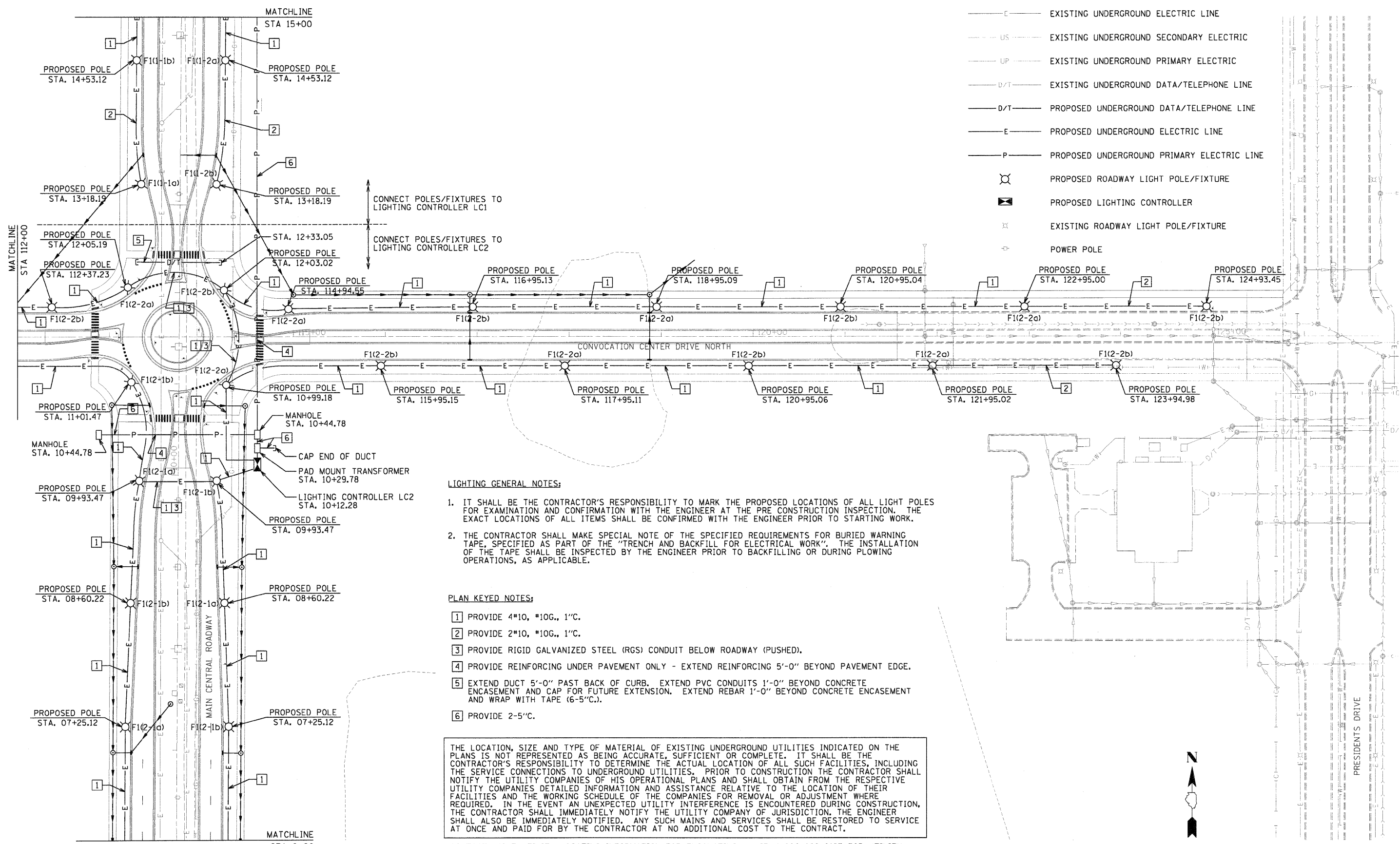


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PLOT SCALE: AS SHOWN	CHECKED: PJT	DATE: 11/04/10	REVISED:			SCALE: AS SHOWN	SHEET NO. 1 OF X SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
PLOT DATE: 11/05/2010	DATE: 11/04/10	REVISED:											



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 ANC 11/04/10 11/09/2010
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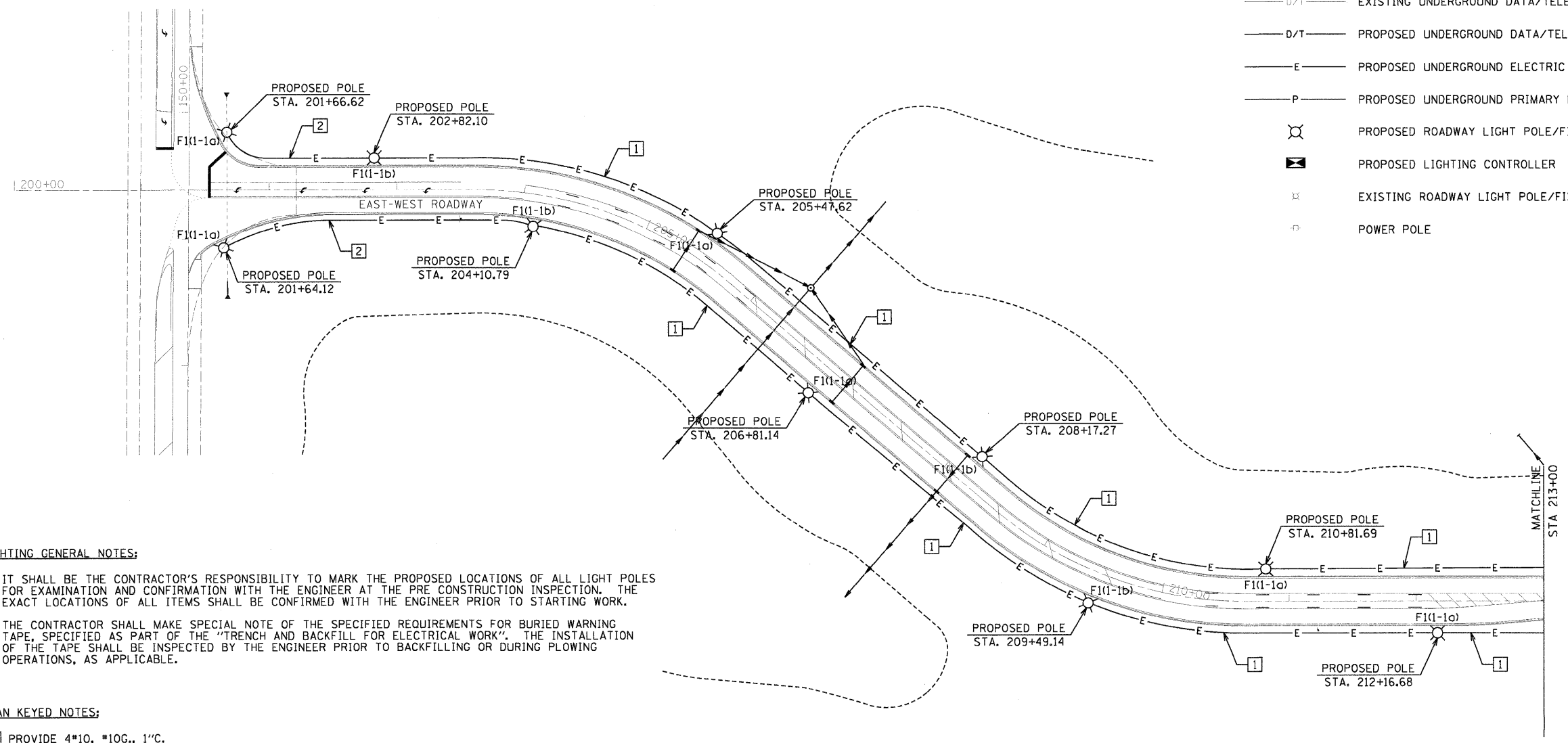
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ILLINOIS FED. AID PROJECT



LEGEND

- E— EXISTING UNDERGROUND ELECTRIC LINE
- US--- EXISTING UNDERGROUND SECONDARY ELECTRIC
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LIGHTING GENERAL NOTES:

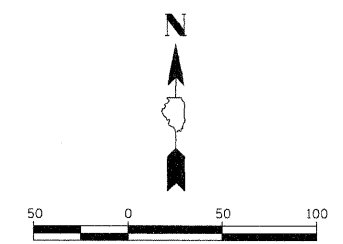
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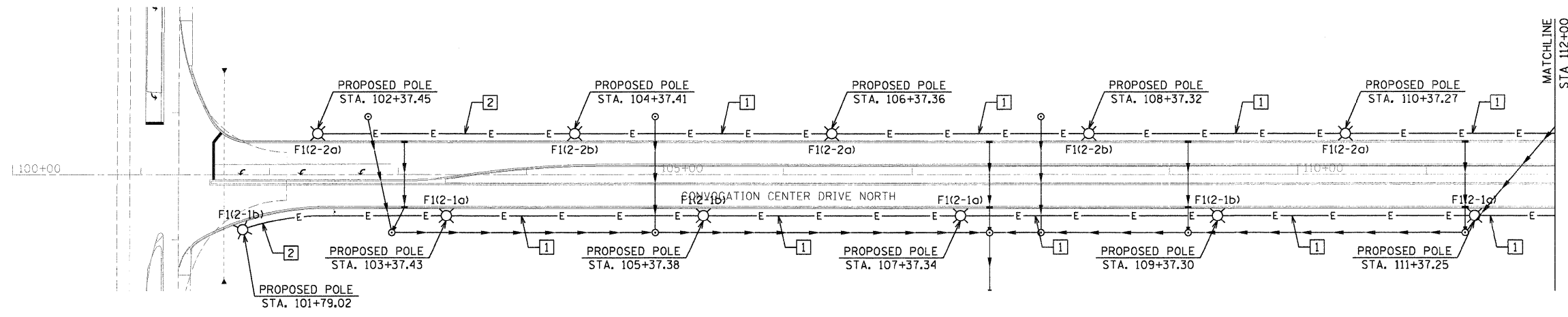


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DESIGNED - PJT	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION ROADWAY LIGHTING PLAN	F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 81		
DRAWN - ANC	REVISIONS -			SCALE: AS SHOWN	SHEET NO. 3 OF X SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
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DATE - 11/04/10	REVISIONS -									

L3

CONTRACT NO. 87476



LEGEND

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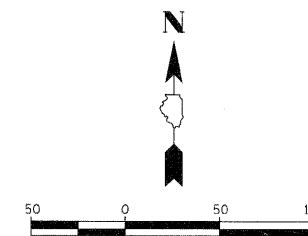
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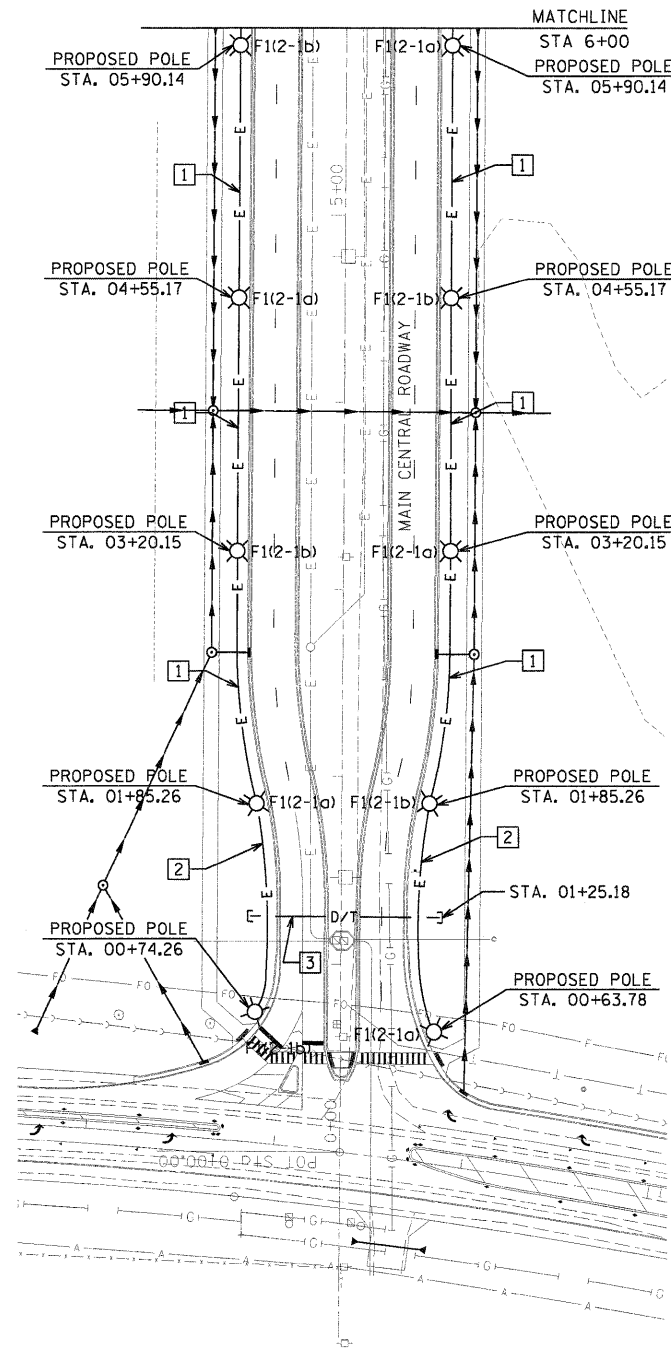


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PLOT SCALE = AS SHOWN	CHECKED - PJT	REVISIONS -	SCALE: AS SHOWN			SHEET NO. 4 OF X SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 11/05/2010	DATE - 11/04/10	REVISIONS -	STA. TO STA.			CONTRACT NO. 87476				

LEGEND

-----E-----	EXISTING UNDERGROUND ELECTRIC LINE
-----US-----	EXISTING UNDERGROUND SECONDARY ELECTRIC
-----UP-----	EXISTING UNDERGROUND PRIMARY ELECTRIC
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⊕	POWER POLE



SUMMARY OF QUANTITIES - NIU FAR WEST CAMPUS ROADWAY EXPANSION

ELECTRIC SERVICE INSTALLATION	EACH	1
LUMINAIRE, (SPECIAL)	EACH	88
LIGHT POLE, ALUMINUM 30 FT. M.H., 8FT MAST ARM	EACH	88
CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	14,630
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	25
CONDUIT PUSHED, 1" DIA., GALVANIZED STEEL	FOOT	575
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 10	FOOT	75,615
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 4	FOOT	1,915
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 3/0	FOOT	130
ELECTRIC CABLE IN CONDUIT, 15KV (EPR-TYPE) 1/C, NO.2/0	FOOT	5,745
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	16,655
ELECTRIC MANHOLE, 6FT X 10FT X 7FT, WITH 30IN. FRAME AND COVER	EACH	5
TRANSFORMER, 13.2KV - 480/277V, 75 KVA	EACH	2
LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP	EACH	2
LIGHT POLE FOUNDATION	EACH	88
CONDUIT ENCASED, CONCRETE, 5" DIA., PVC, 2 WIDE X 1 HIGH	FOOT	1,860
CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 2 WIDE X 1 HIGH	FOOT	290
CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 3 WIDE X 2 HIGH	FOOT	210

LIGHTING GENERAL NOTES:

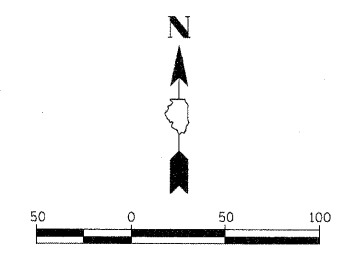
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRE CONSTRUCTION INSPECTION. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.

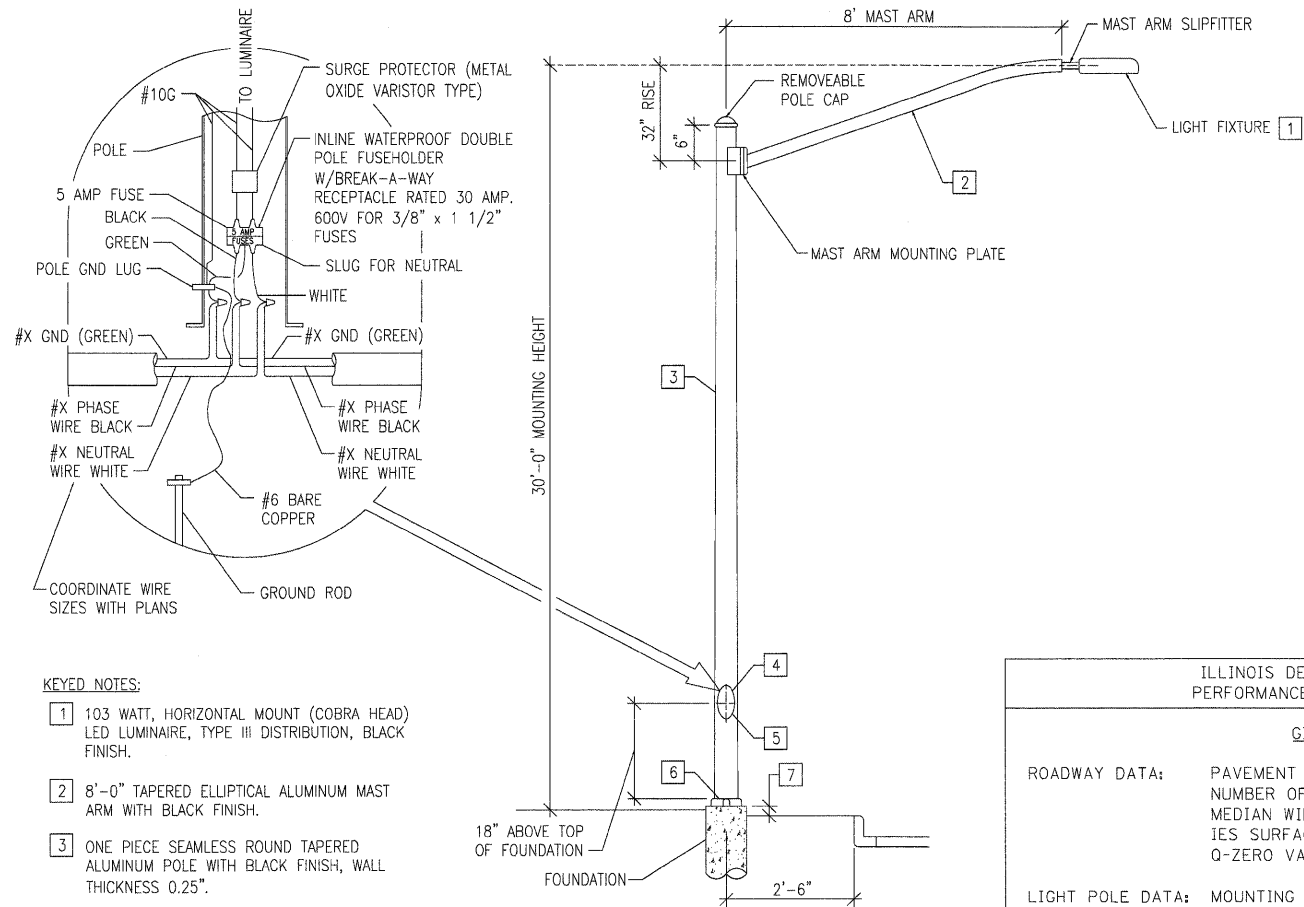
PLAN KEYED NOTES:

- PROVIDE 4#10, #10G., 1" C.
- PROVIDE 2#10, #10G., 1" C.
- EXTEND DUCT 5'-0" PAST BACK OF CURB. EXTEND PVC CONDUITS 1'-0" BEYOND CONCRETE ENCASEMENT AND CAP FOR FUTURE EXTENSION. EXTEND REBAR 1'-0" BEYOND CONCRETE ENCASEMENT AND WRAP WITH TAPE (6-5" C.).

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING THE SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CONTACT JOINT UTILITY LOCATING INFORMATION FOR EXCAVATING (JULIE) 1-800-892-0123 FOR UTILITY INFORMATION.





LIGHTING UNIT DETAIL
NOT TO SCALE

KEYED NOTES:

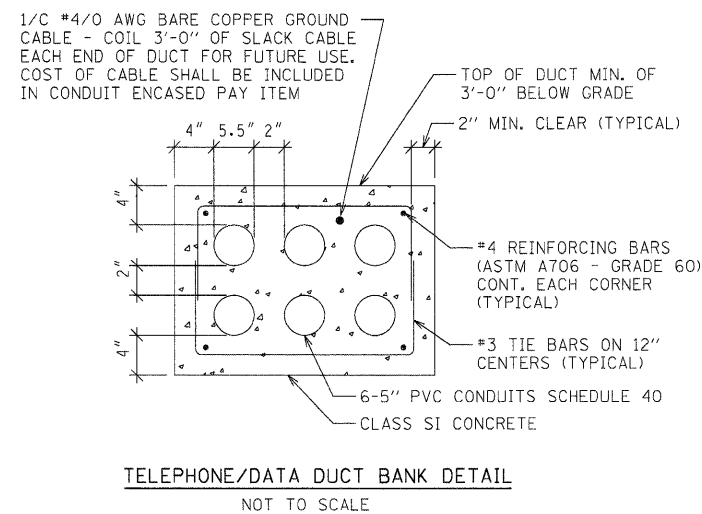
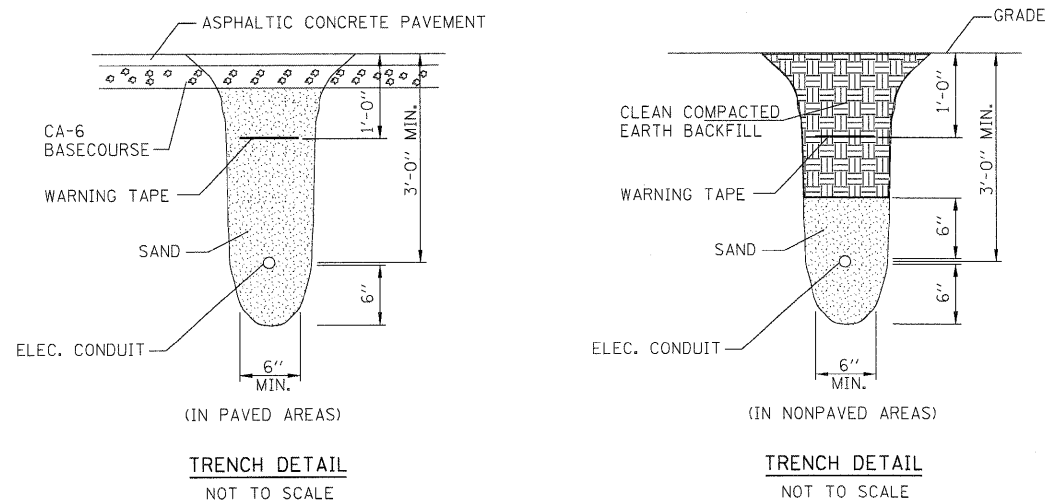
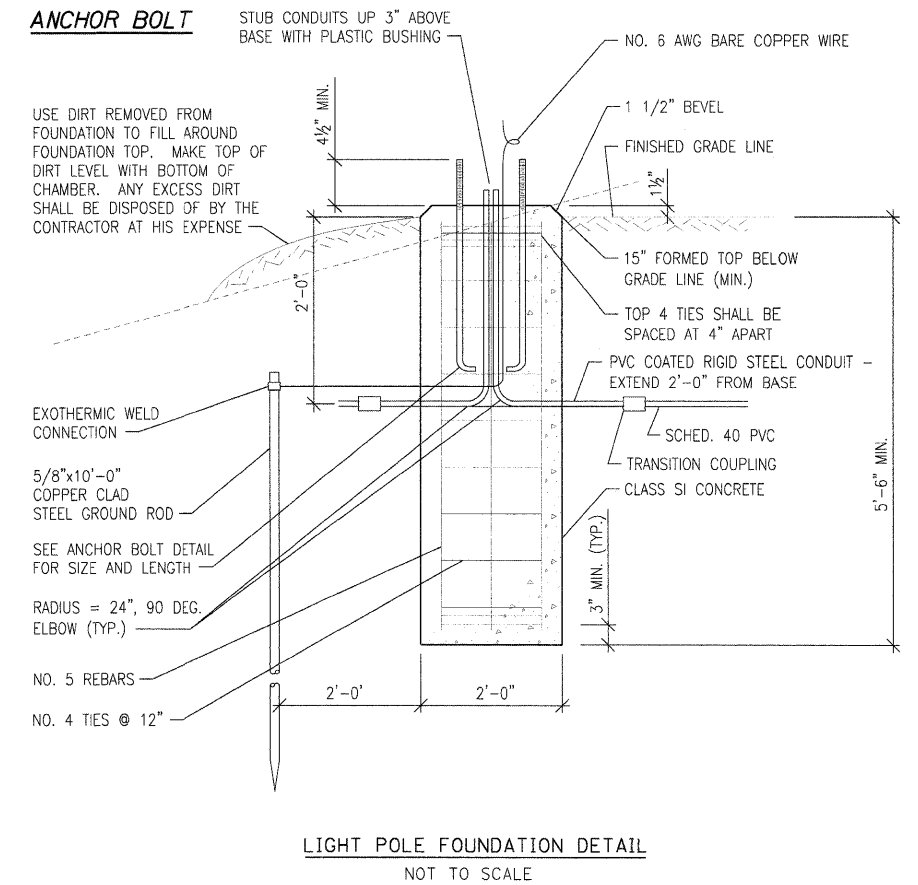
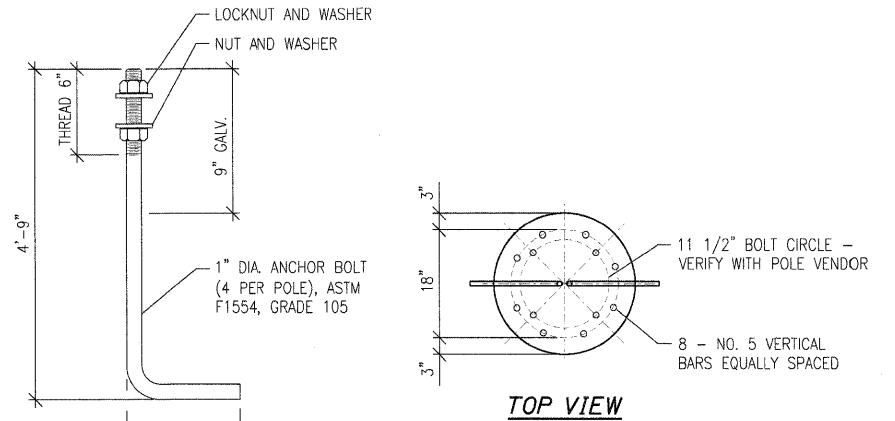
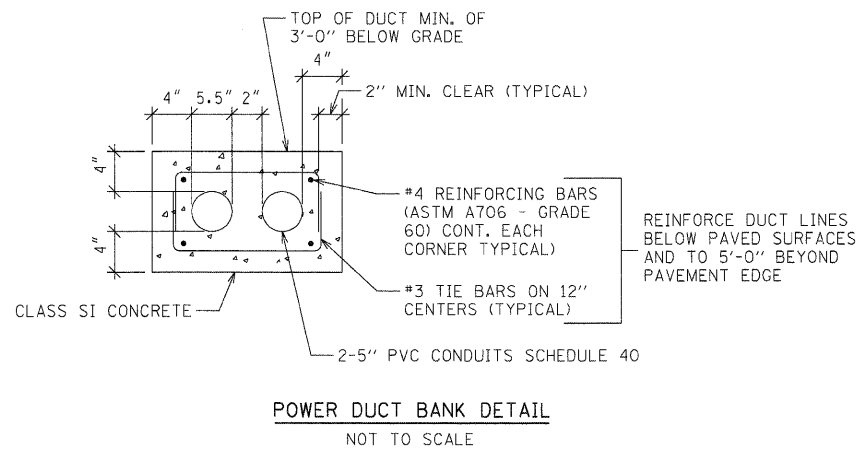
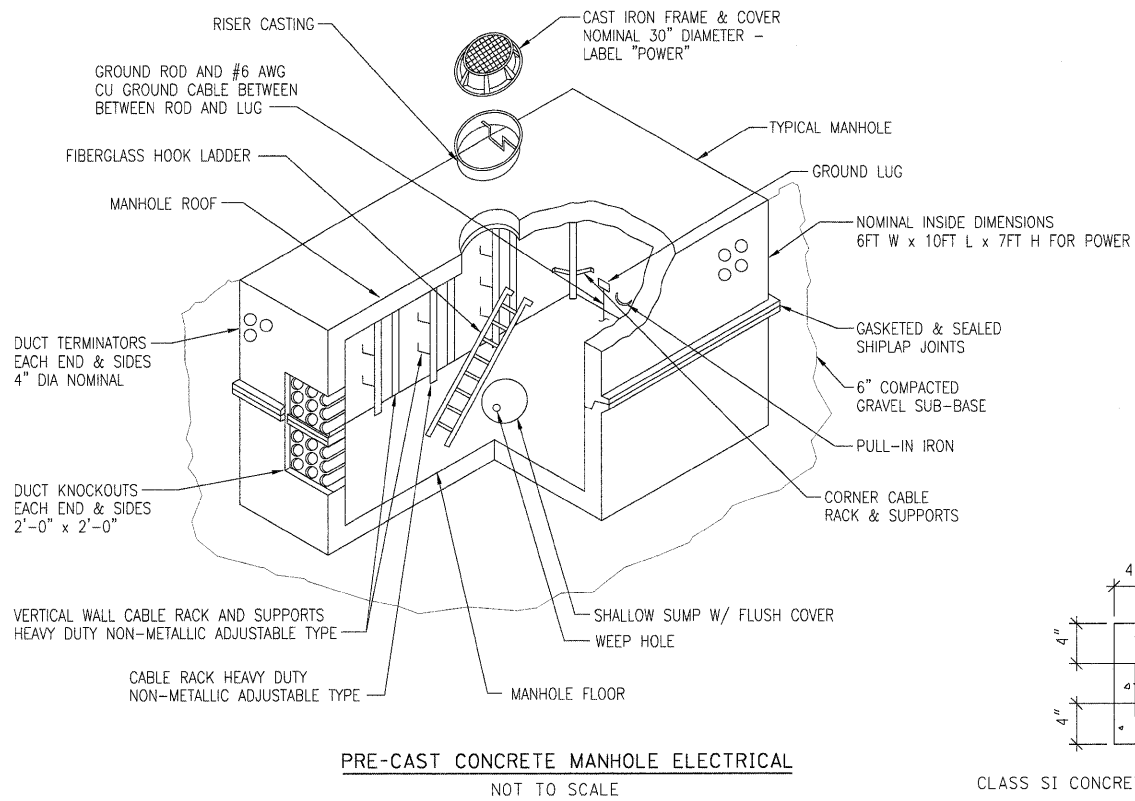
- 1 103 WATT, HORIZONTAL MOUNT (COBRA HEAD) LED LUMINAIRE, TYPE III DISTRIBUTION, BLACK FINISH.
- 2 8'-0" TAPERED ELLIPTICAL ALUMINUM MAST ARM WITH BLACK FINISH.
- 3 ONE PIECE SEAMLESS ROUND TAPERED ALUMINUM POLE WITH BLACK FINISH, WALL THICKNESS 0.25".
- 4 4" x 8" HANDHOLE.
- 5 POLES SHALL HAVE A GROUND LUG OPPOSITE HANDHOLE.
- 6 BASE FLANGE WITH BOLT COVERS (4).
- 7 TOP OF FOUNDATION SHALL BE 1 1/2" ABOVE TOP OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

LIGHTING FIXTURE SCHEDULE						
FIXT. TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.	LAMPS/ WATTS	VOLTS	MOUNTING	REMARKS
F1	POLE MOUNTED LED HORIZONTAL MOUNT COBRA HEAD ROADWAY LUMINAIRE, HEAVY GAUGE EXTRUDED ALUMINUM HOUSING, IP66 RATED FOR WEATHER AND BUG TIGHTNESS, BAKED ON BLACK POLYESTER POWDER COAT FINISH, ANODIZED ALUMINUM TYPE III FULL CUTOFF OPTICS, HORIZONTALLY MOUNTED HPF LED 320 MA DRIVERS WITH THD LESS THAN 20%.	COOPER/ LUMARK: LDRC-SL3-A04-E-BK OR APPROVED EQUAL	4-LED LIGHT BARS, 4000 DEG. K, 103 TOTAL INPUT WATTS	277	MOUNTED ON TOP OF A 30'-0" POLE WITH AN 8'-0" MAST ARM	SUPPLY A POLE CAPABLE OF WITHSTANDING A 100 MPH WIND LOAD AT A MINIMUM RATED EPA OF 1.9. MINIMUM WALL THICKNESS OF 0.25 IN. SPECIFIED FIXTURE EPA RATING EQUALS 0.8 SQ. FT. EACH

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE (STAGGERED PATTERN W/O MEDIAN)		
GIVEN CONDITIONS		
ROADWAY DATA:	PAVEMENT WIDTHS	34 FT
	NUMBER OF LANES	2
	MEDIAN WIDTH	0 FT
	IES SURFACE CLASSIFICATION	R1
	Q-ZERO VALUE	0.10
LIGHT POLE DATA:	MOUNTING HEIGHT	30 FT
	MAST ARM LENGTH	8 FT
	POLE SET-BACK FROM EDGE OF PAVEMENT	2.5 FT
LUMINAIRE DATA:	LAMP TYPE	103W LED
	LAMP LUMENS	6,894
	IES VERTICAL DISTRIBUTION	MEDIUM
	IES CONTROL OF DISTRIBUTION	CUTOFF
	IES LATERAL DISTRIBUTION	TYPE III
	TOTAL LIGHT LOSS FACTOR	0.9
LAYOUT DATA:	SPACING	260 FT
	CONFIGURATION	SINGLE HEAD POLE MOUNT
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE	5.5 FT
NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.		
PERFORMANCE REQUIREMENTS		
NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE.		
ILLUMINATION:	AVERAGE HORIZONTAL ILLUMINATION, (EAVE)	0.9 FC
	UNIFORMITY RATIO, (EAVE/EMIN)	1.3
LUMINANCE:	AVERAGE LUMINANCE: (LAVE)	0.7 Cd/m2
	UNIFORMITY RATIOS: (LAVE/LMIN)	2.3
	(LMAX/LMIN)	5.3
	MAXIMUM VEILING LUMINANCE RATIO: (LV/LAVE)	0.3

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE (STAGGERED PATTERN WITH MEDIAN)		
GIVEN CONDITIONS		
ROADWAY DATA:	PAVEMENT WIDTHS	53 FT
	NUMBER OF LANES	2
	MEDIAN WIDTH	14 FT
	IES SURFACE CLASSIFICATION	R1
	Q-ZERO VALUE	0.10
LIGHT POLE DATA:	MOUNTING HEIGHT	30 FT
	MAST ARM LENGTH	8 FT
	POLE SET-BACK FROM EDGE OF PAVEMENT	2.5 FT
LUMINAIRE DATA:	LAMP TYPE	103W LED
	LAMP LUMENS	6,894
	IES VERTICAL DISTRIBUTION	MEDIUM
	IES CONTROL OF DISTRIBUTION	CUTOFF
	IES LATERAL DISTRIBUTION	TYPE III
	TOTAL LIGHT LOSS FACTOR	0.9
LAYOUT DATA:	SPACING	200 FT
	CONFIGURATION	SINGLE HEAD POLE MOUNT
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE	5.5 FT
NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.		
PERFORMANCE REQUIREMENTS		
NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE.		
ILLUMINATION:	AVERAGE HORIZONTAL ILLUMINATION, (EAVE)	0.9 FC
	UNIFORMITY RATIO, (EAVE/EMIN)	1.8
LUMINANCE:	AVERAGE LUMINANCE: (LAVE)	0.7 Cd/m2
	UNIFORMITY RATIOS: (LAVE/LMIN)	3.5
	(LMAX/LMIN)	8.0
	MAXIMUM VEILING LUMINANCE RATIO: (LV/LAVE)	0.3

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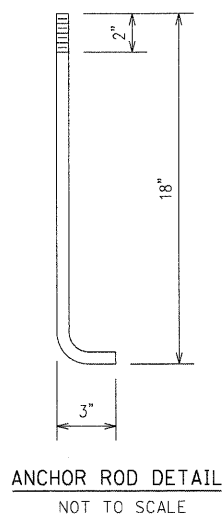
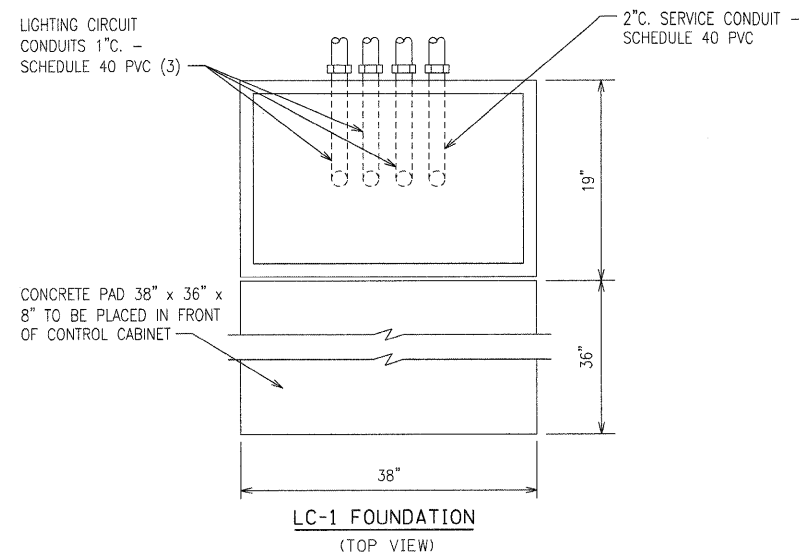
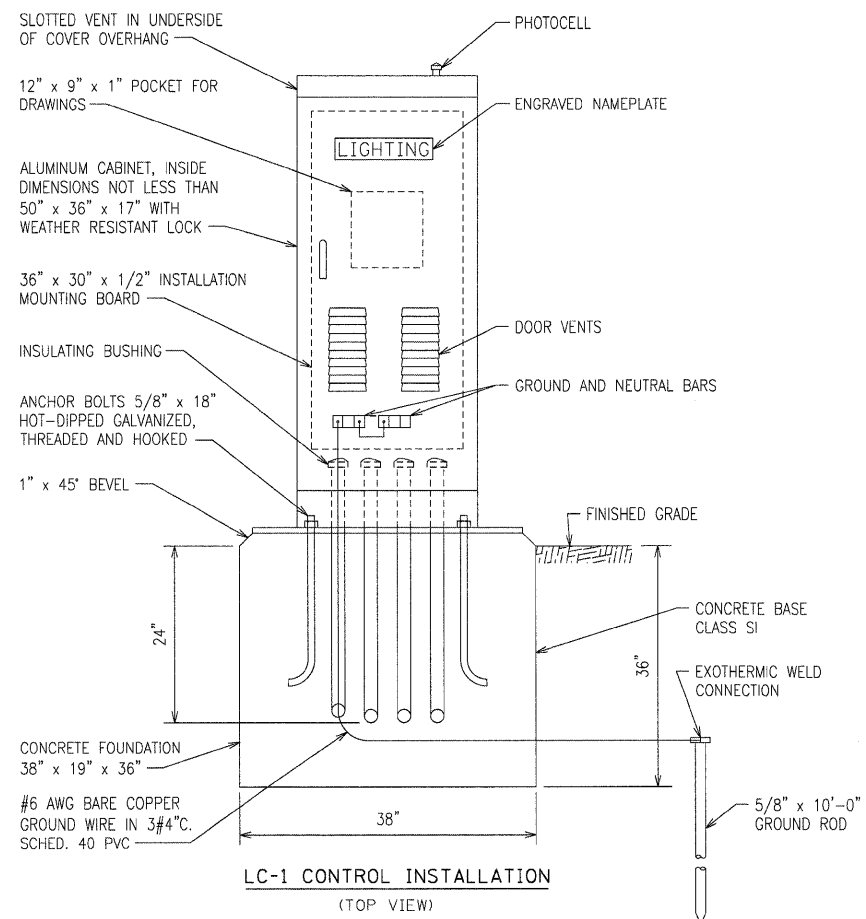
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

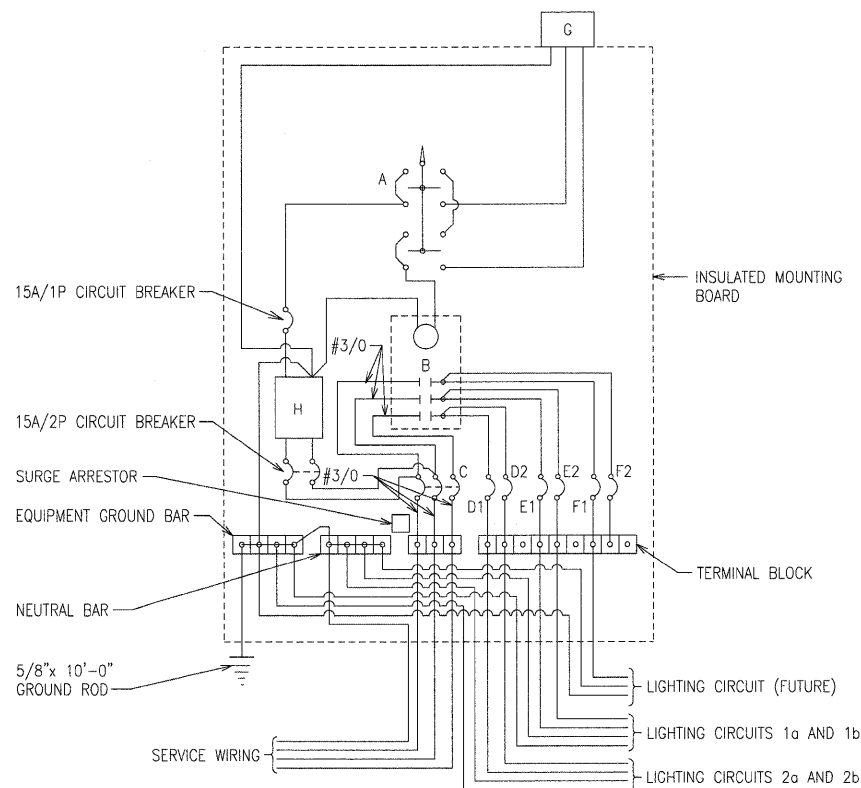
NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
LIGHTING DETAILS

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 85
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	

SCALE: AS SHOWN SHEET NO. 7 OF X SHEETS STA. TO STA.



- A SELECTOR SWITCH - HAND/OFF/AUTO
- B 3 POLE, 200 AMP CONTACTOR, ELEC. OPER., ELEC. HELD
- C 3 POLE, 200 AMP SERVICE DISCONNECT
- D,E,F 1 POLE, 20 AMP CIRCUIT BREAKERS
- G PHOTOCELL WITH INTEGRAL SURGE ARRESTOR
- H CONTROL TRANSFORMER 480-120V, 1KVA



LOCATE CONTROL INSTALLATION ADJACENT TO R.O.W. LINE WITH A MINIMUM DISTANCE OF 30' FROM THE EDGE OF PAVEMENT. EXACT LOCATION SHALL BE CONFIRMED BY THE ENGINEER.

THE UNDERGROUND SERVICE ENTRANCE WIRING SHALL NOT EXCEED 150'. TOTAL UNDERGROUND SERVICE BETWEEN THE CONTROL INSTALLATION AND PRIMARY TRANSFORMER SHALL NOT EXCEED 250'.

480Y/277V LC-1 SERVICE WIRING DIAGRAM
NOT TO SCALE

CONTROLLER CABINET

RATING - THE ENCLOSURE SHALL MEET OR EXCEED THE REQUIREMENTS OF A NEMA 3R AND SHALL BE U.L. LISTED.

MATERIAL - CABINET AND DOOR SHALL BE CONSTRUCTED FROM 5052 H32 SHEET ALUMINUM ALLOY WITH A THICKNESS OF 0.125". ALL WELDS SHALL BE HELIARC AND SHALL BE NEATLY FORMED AND FREE OF CRACKS, BLOW HOLES, AND OTHER DEFECTS.

CABINET FEATURES - TOP SLOPES 1/2" TO THE REAR, WITH 1/8" x 1" VENT SLOTS UNDER FRONT OVERHANG.

DOOR AND HARDWARE - THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE FRONT OF THE CABINET AND HAVE A CELLULAR NEOPRENE GASKET WHICH IS WEATHER TIGHT. THE DOOR SHALL BE EQUIPPED WITH A TWO POSITION DOOR STOP, ONE AT 90 DEGREES AND ONE AT 120 DEGREES. HINGE SHALL BE 2" OPEN AND CONTINUOUS 14 GAUGE STAINLESS STEEL WITH A 1/4" DIA. PIN AND CAPPED AT THE TOP TO RENDER IT TAMPER PROOF. THE HINGE SHALL BE SECURED WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND ESNA LOCK NUTS. THE LATCHING MECHANISM SHALL BE A THREE POINT DRAW ROLLER TYPE WHICH SECURES THE DOOR AT THE TOP, CENTER, AND BOTTOM. LOCKING RODS SHALL BE 1/4" x 3/4" ALUMINUM TURNED EDGEWISE WITH 1" NYLON ROLLERS AND THE CENTER CATCH SHALL BE STAINLESS STEEL. THE DOOR HANDLE SHALL BE 3/4" DIA. STAINLESS STEEL AND HAVE A PADLOCK HASP. THE DOOR SHALL CONTAIN AN ALL BRASS CORBIN LOCK WITH TWO KEYS.

EQUIPMENT HANDLING - THE CABINET SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED TO EACH SIDE WALL AND THE BACK WALL ALLOWING FULL ADJUSTMENT OF SHELVES OR PANELS.

CABINET FINISH - THE OUTSIDE SURFACE OF THE CABINET SHALL HAVE A SMOOTH, UNIFORM, NATURAL ALUMINUM FINISH.

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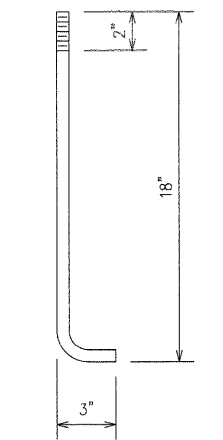
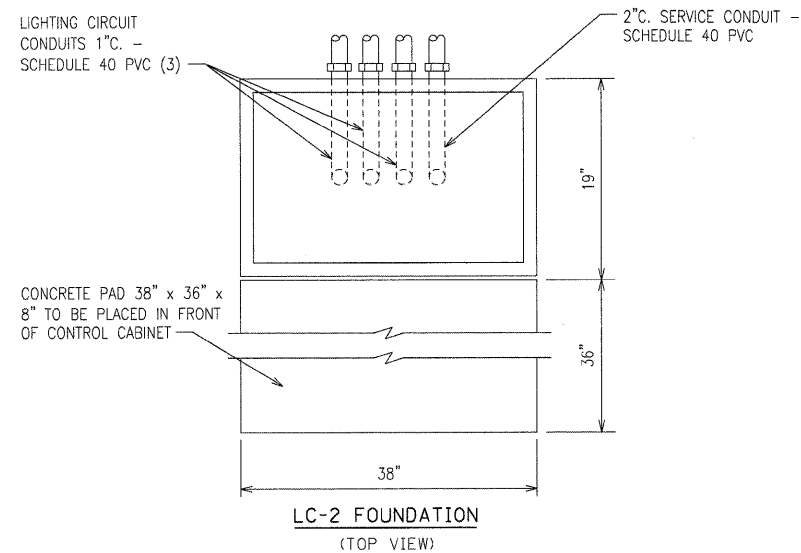
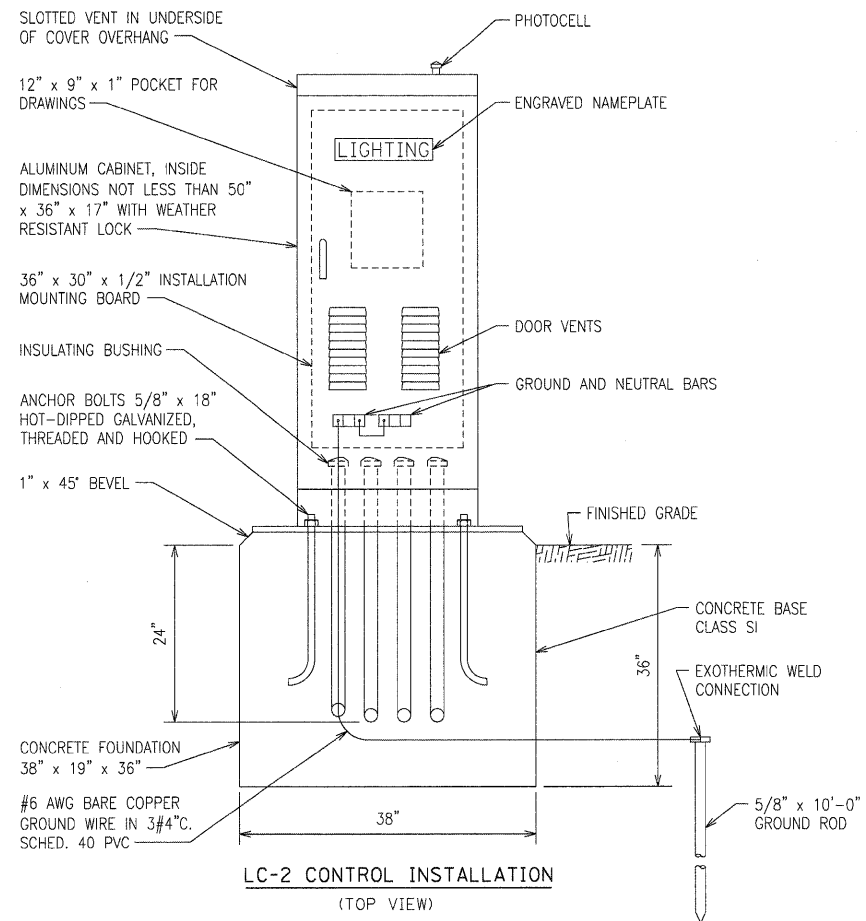
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
LC-1 CONTROLLER DETAILS

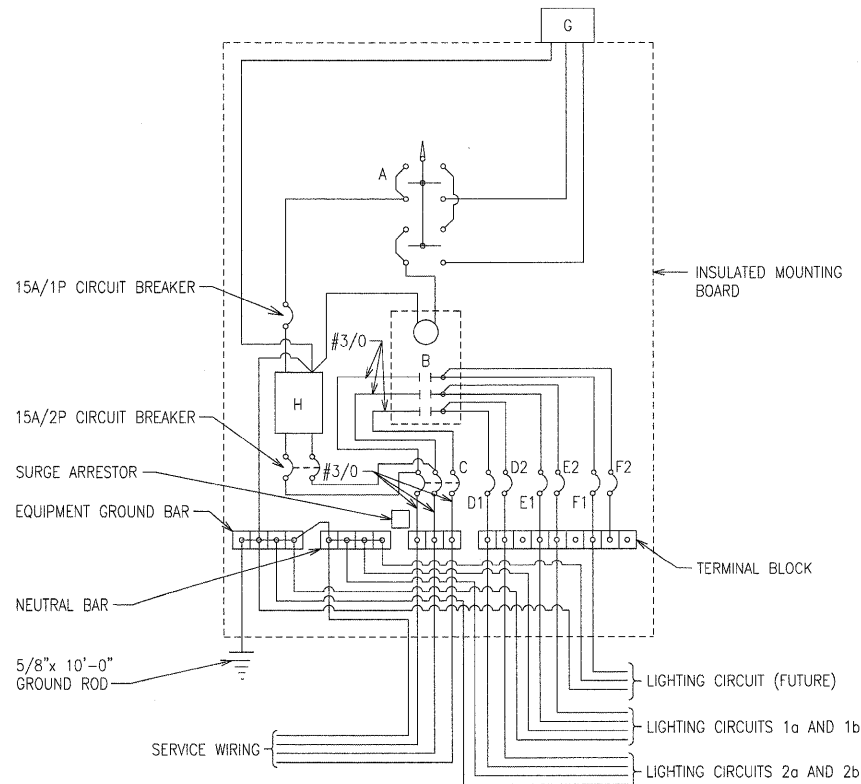
SCALE: AS SHOWN SHEET NO. 8 OF X SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 86
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



ANCHOR ROD DETAIL
NOT TO SCALE

- A SELECTOR SWITCH - HAND/OFF/AUTO
- B 3 POLE, 200 AMP CONTACTOR, ELEC. OPER., ELEC. HELD
- C 3 POLE, 200 AMP SERVICE DISCONNECT
- D,E,F 1 POLE, 20 AMP CIRCUIT BREAKERS
- G PHOTOCELL WITH INTEGRAL SURGE ARRESTOR
- H CONTROL TRANSFORMER 480-120V, 1KVA



LOCATE CONTROL INSTALLATION ADJACENT TO R.O.W. LINE WITH A MINIMUM DISTANCE OF 30' FROM THE EDGE OF PAVEMENT. EXACT LOCATION SHALL BE CONFIRMED BY THE ENGINEER.

THE UNDERGROUND SERVICE ENTRANCE WIRING SHALL NOT EXCEED 150'. TOTAL UNDERGROUND SERVICE BETWEEN THE CONTROL INSTALLATION AND PRIMARY TRANSFORMER SHALL NOT EXCEED 250'.

480Y/277V LC-2 SERVICE WIRING DIAGRAM
NOT TO SCALE

CONTROLLER CABINET

RATING - THE ENCLOSURE SHALL MEET OR EXCEED THE REQUIREMENTS OF A NEMA 3R AND SHALL BE U.L. LISTED.

MATERIAL - CABINET AND DOOR SHALL BE CONSTRUCTED FROM 5052 H32 SHEET ALUMINUM ALLOY WITH A THICKNESS OF 0.125". ALL WELDS SHALL BE HELIARC AND SHALL BE NEATLY FORMED AND FREE OF CRACKS, BLOW HOLES, AND OTHER DEFECTS.

CABINET FEATURES - TOP SLOPES 1/2" TO THE REAR, WITH 1/8" x 1" VENT SLOTS UNDER FRONT OVERHANG.

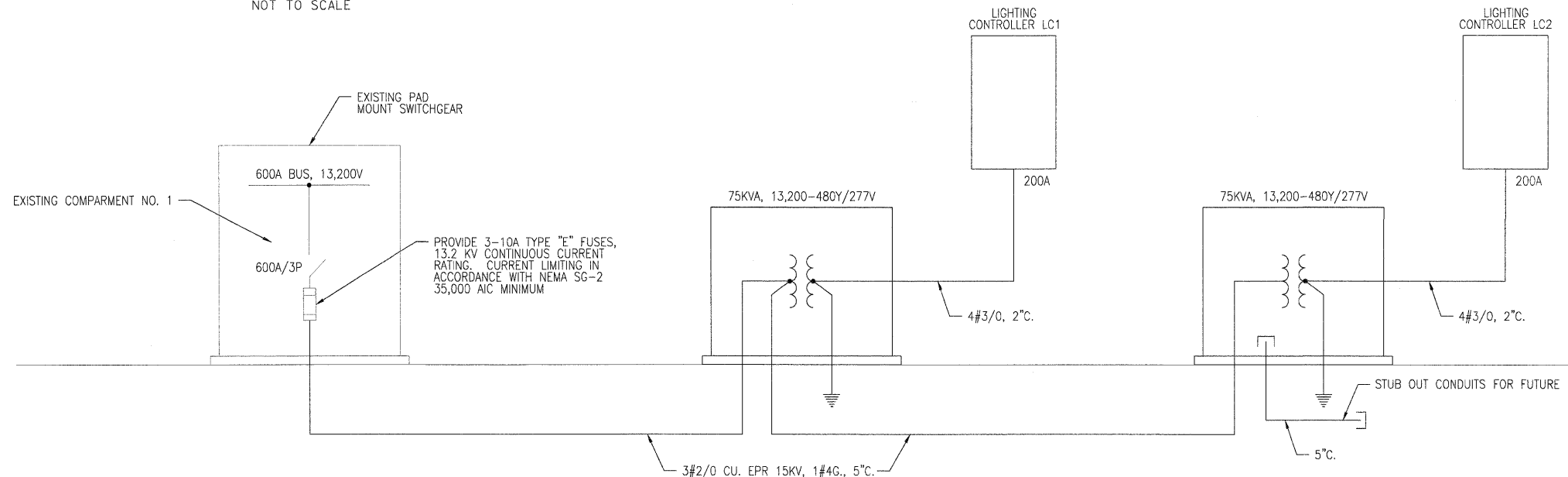
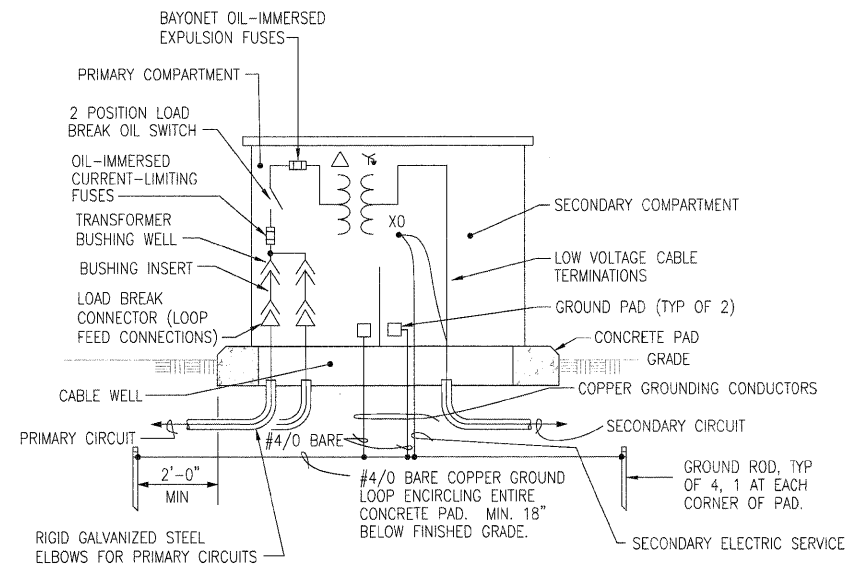
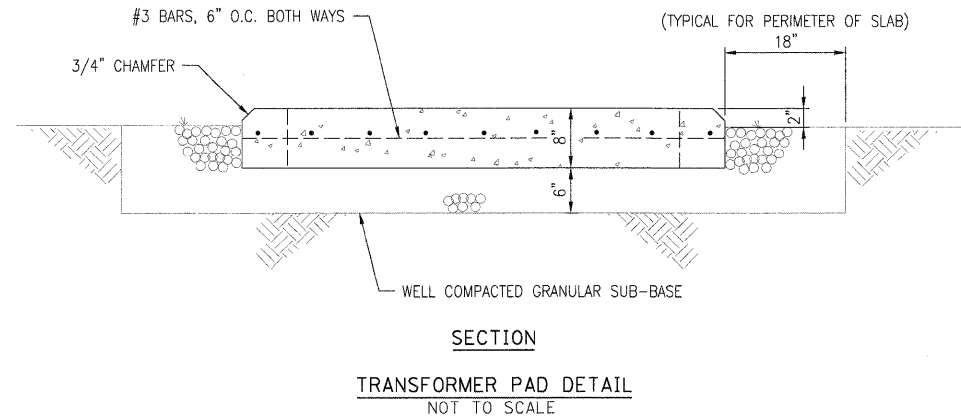
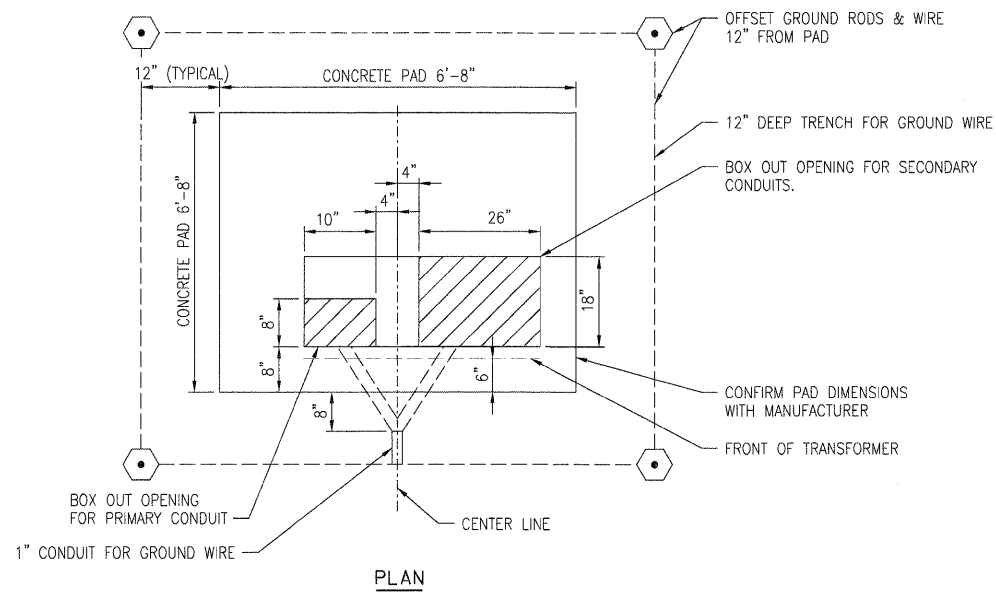
DOOR AND HARDWARE - THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE FRONT OF THE CABINET AND HAVE A CELLULAR NEOPRENE GASKET WHICH IS WEATHER TIGHT. THE DOOR SHALL BE EQUIPPED WITH A TWO POSITION DOOR STOP, ONE AT 90 DEGREES AND ONE AT 120 DEGREES. HINGE SHALL BE 2" OPEN AND CONTINUOUS 14 GAUGE STAINLESS STEEL WITH A 1/4" DIA. PIN AND CAPPED AT THE TOP TO RENDER IT TAMPER PROOF. THE HINGE SHALL BE SECURED WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND ESNA LOCK NUTS. THE LATCHING MECHANISM SHALL BE A THREE POINT DRAW ROLLER TYPE WHICH SECURES THE DOOR AT THE TOP, CENTER, AND BOTTOM. LOCKING RODS SHALL BE 1/4" x 3/4" ALUMINUM TURNED EDGEWISE WITH 1" NYLON ROLLERS AND THE CENTER CATCH SHALL BE STAINLESS STEEL. THE DOOR HANDLE SHALL BE 3/4" DIA. STAINLESS STEEL AND HAVE A PADLOCK HASP. THE DOOR SHALL CONTAIN AN ALL BRASS CORBIN LOCK WITH TWO KEYS.

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CABINET FINISH - THE OUTSIDE SURFACE OF THE CABINET SHALL HAVE A SMOOTH, UNIFORM, NATURAL ALUMINUM FINISH.

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PLOT SCALE = AS SHOWN	DRAWN - ANC	CHECKED - PJT	REVISED -			SCALE: AS SHOWN	SHEET NO. 9 OF X SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 87476		
PLOT DATE = 11\05\2010	DATE - 11/04/10	REVISED -	REVISED -			L9						



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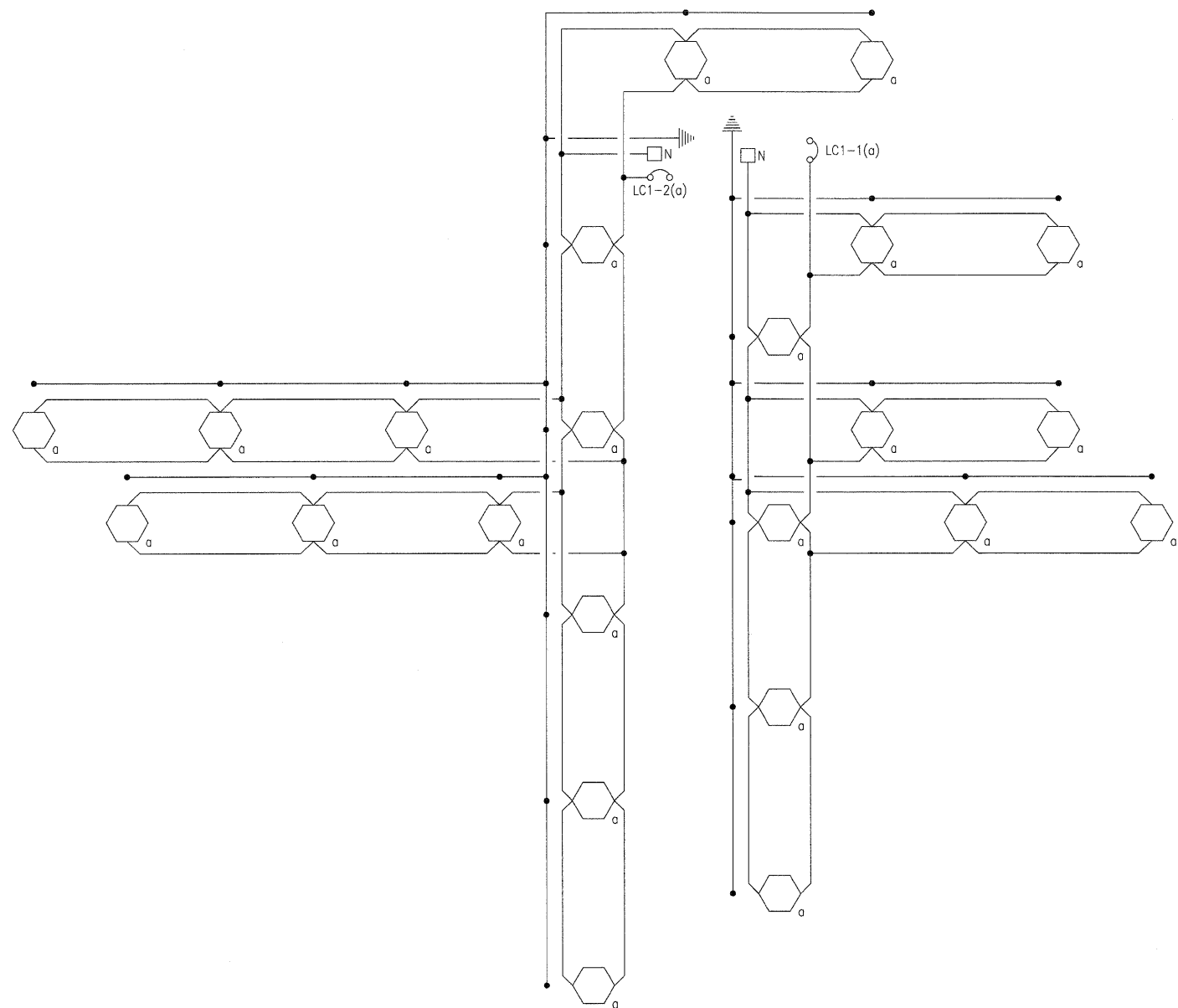
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
ONE LINE DIAGRAM AND POWER DETAILS

SCALE: AS SHOWN SHEET NO. 10 OF X SHEETS STA. TO STA.

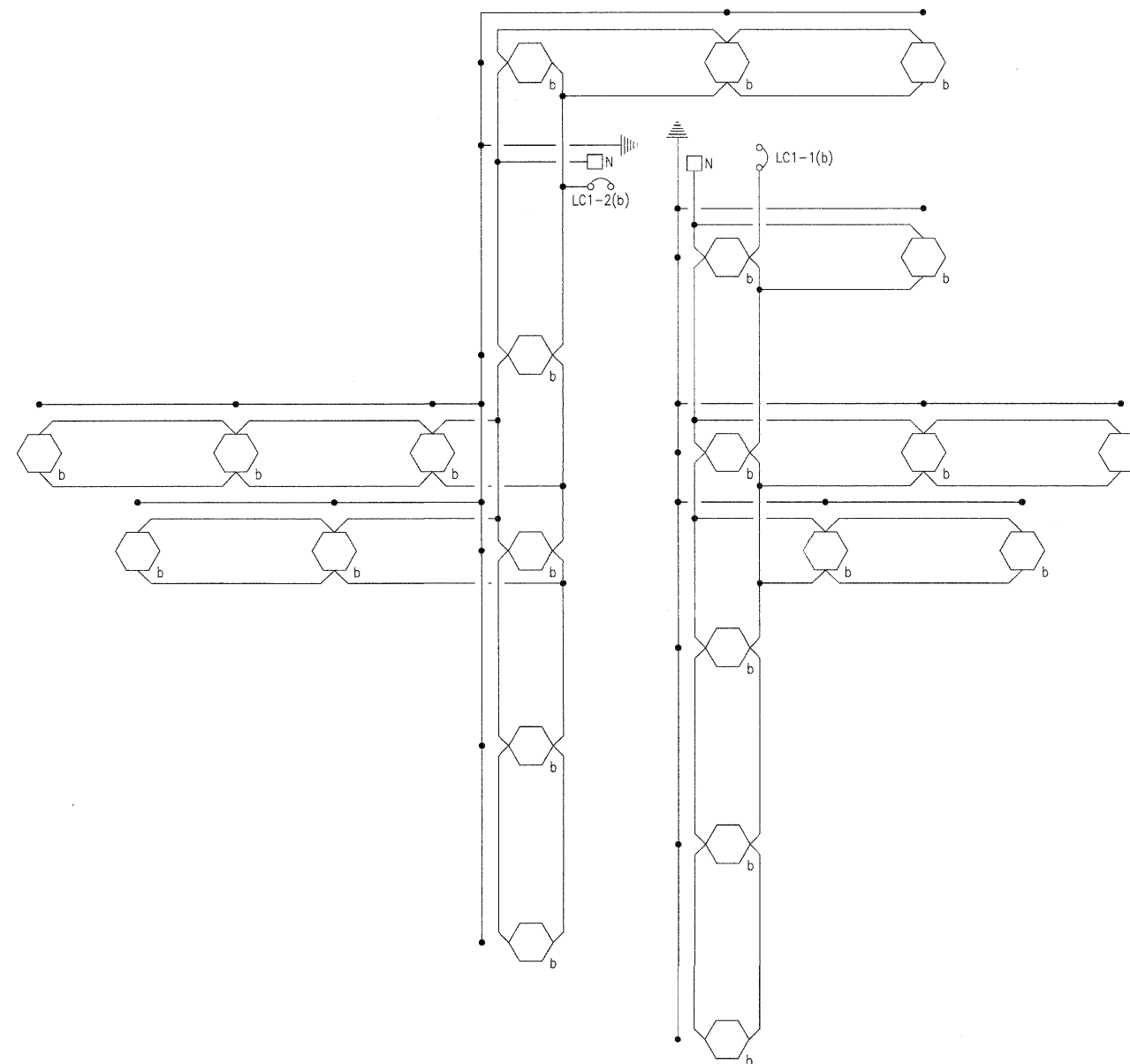
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CONTRACT NO. 87476				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

L10



CONTROLLER LC1
200 AMP, 480Y/277 VOLT, THREE
PHASE, ALL CONDUCTOR #10

CIRCUIT DIAGRAM
NOT TO SCALE



CONTROLLER LC1
200 AMP, 480Y/277 VOLT, THREE
PHASE, ALL CONDUCTOR #10

CIRCUIT DIAGRAM
NOT TO SCALE

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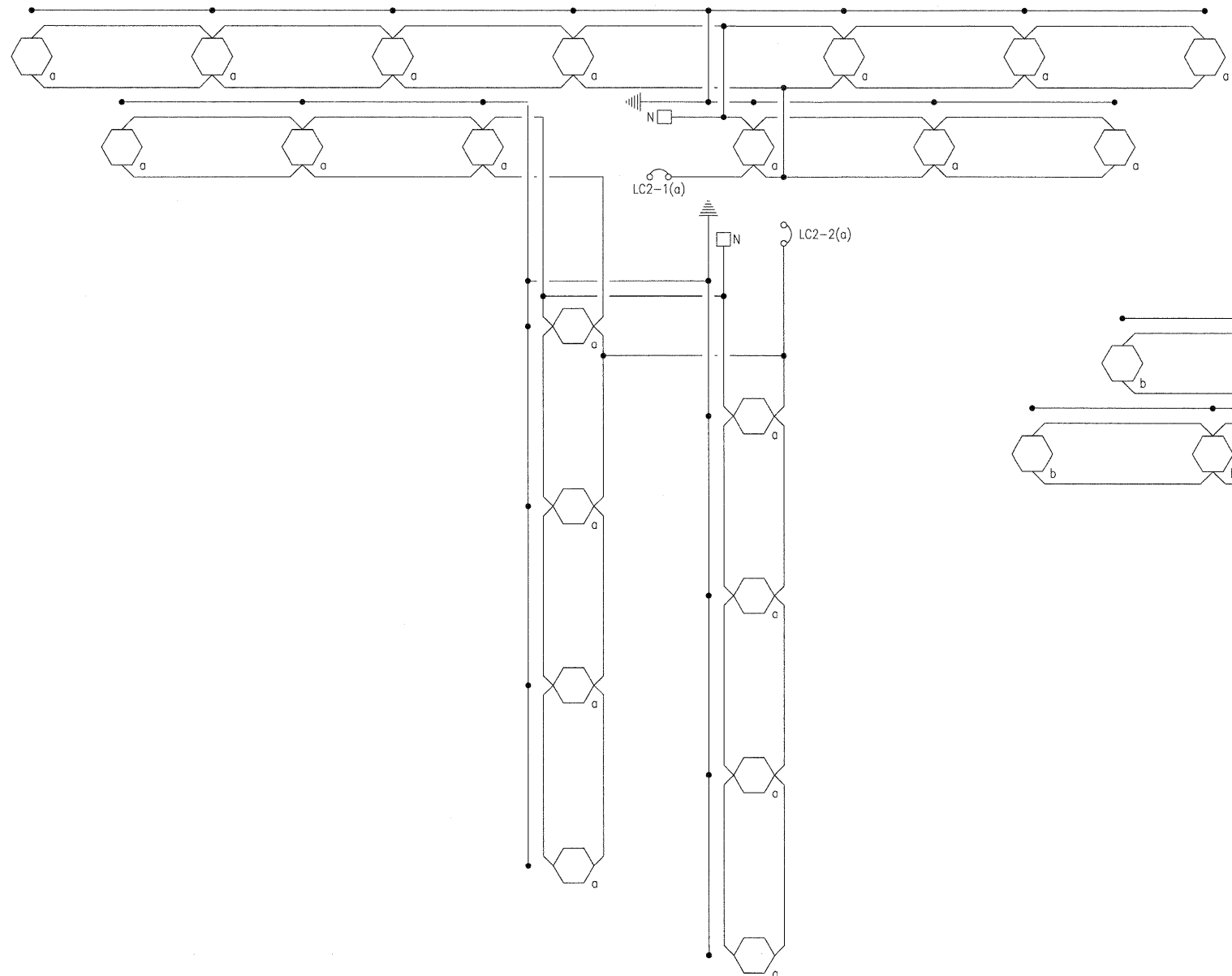
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DATE - 11/04/10	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
CIRCUIT DIAGRAMS**

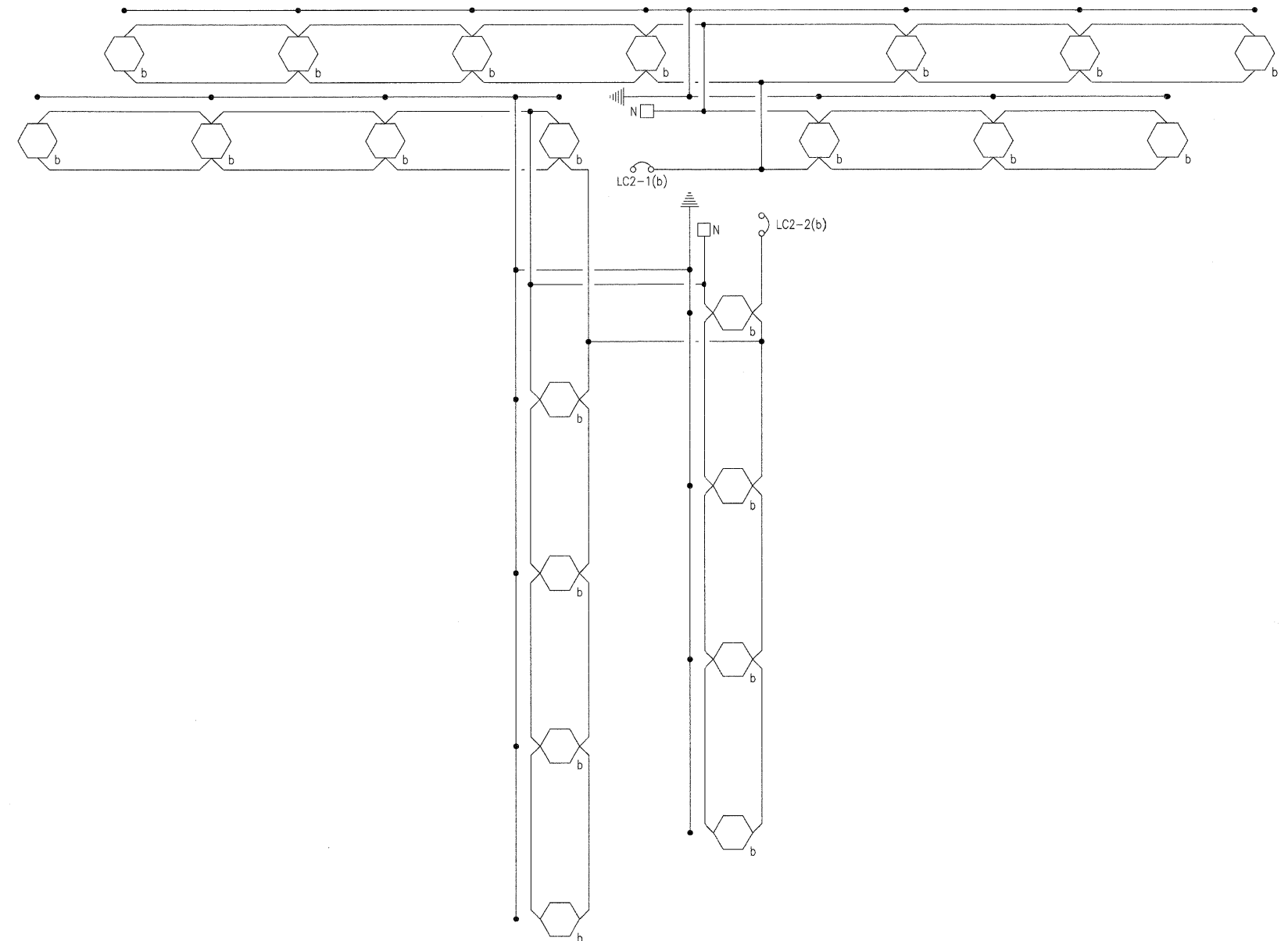
SCALE: AS SHOWN SHEET NO. 11 OF X SHEETS STA. TO STA.

F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 89
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



CONTROLLER LC2
200 AMP, 480Y/277 VOLT, THREE
PHASE, ALL CONDUCTOR #10

CIRCUIT DIAGRAM
NOT TO SCALE



CONTROLLER LC2
200 AMP, 480Y/277 VOLT, THREE
PHASE, ALL CONDUCTOR #10

CIRCUIT DIAGRAM
NOT TO SCALE

PJT 04/07/10 Huse004H
 ANC 11/04/10 JNC05200
 PJT 11/04/10 JNC05200
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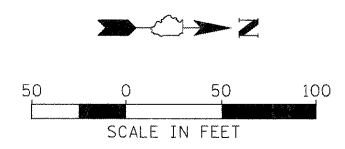
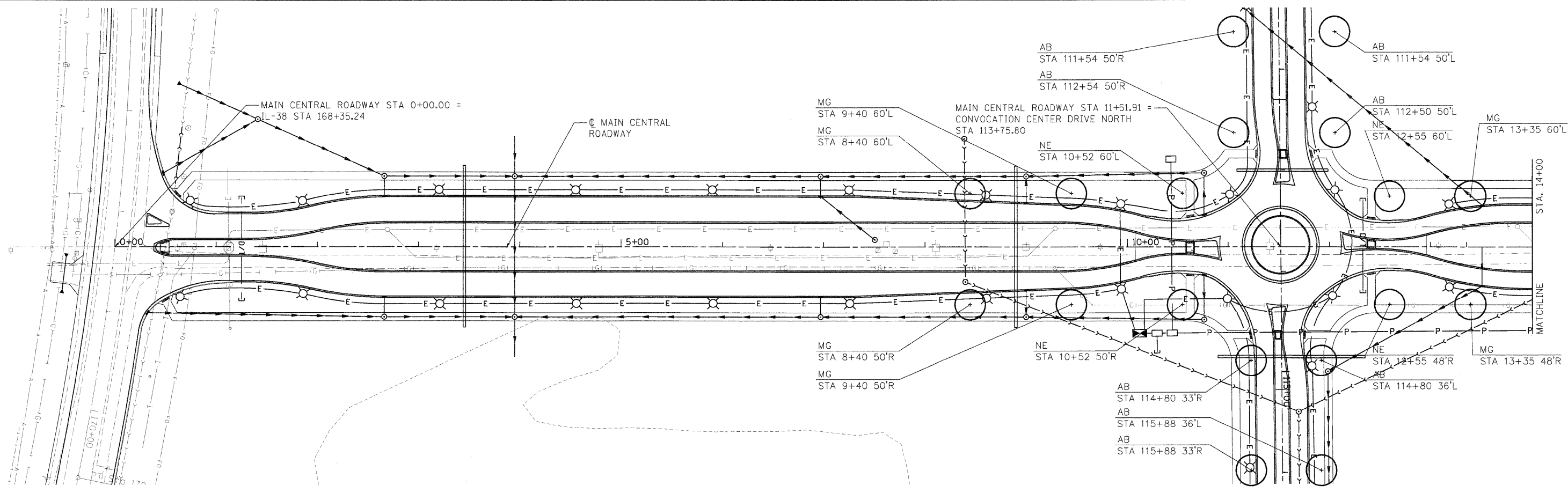
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DRAWN -	ANC	REVISED -	
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DATE -	11/04/10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

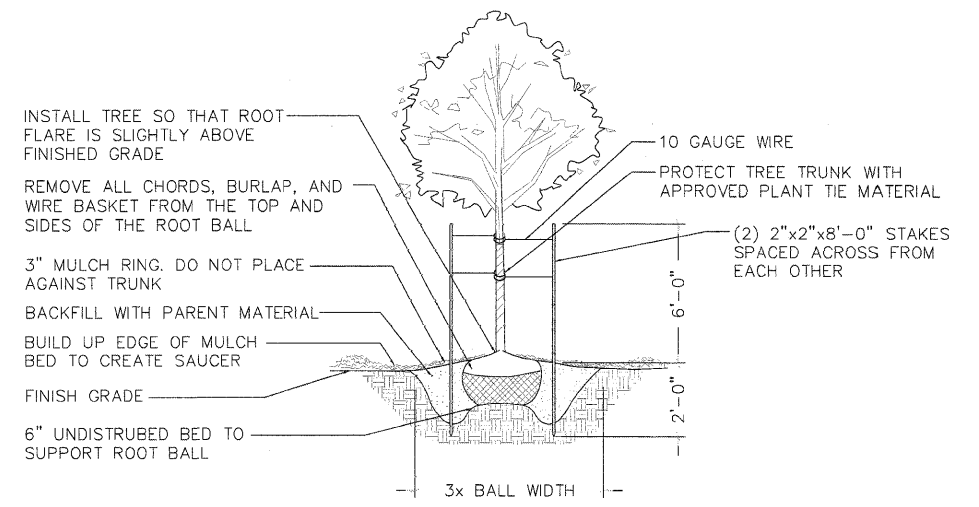
**NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
CIRCUIT DIAGRAMS**

SCALE: AS SHOWN SHEET NO. 12 OF X SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



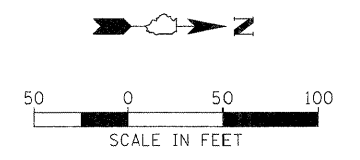
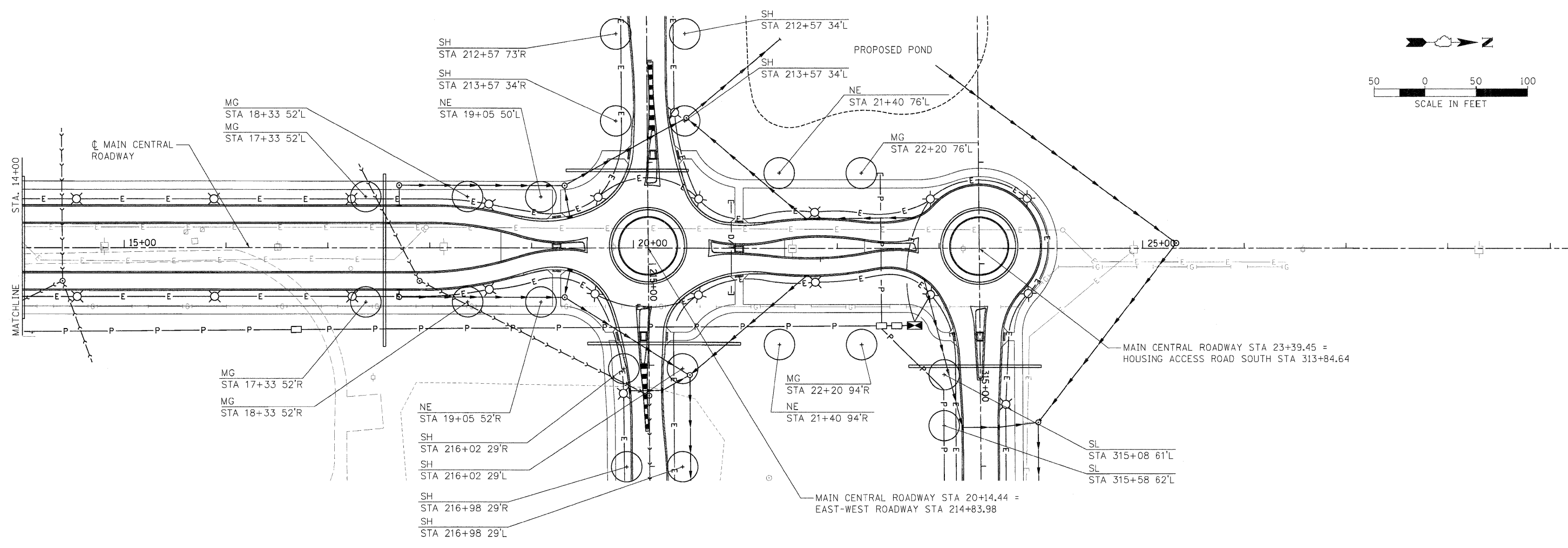
PLANT DATA CHART			Size (Cal. or Ht. When Planted)	Root Zone Mode	Notes/ Spacing	10+00 to 25+00	110+00 to 120+00	200+00 to 220+00	315+00 to 320+00	QTY. Total
SYM	COMMON NAME	SCIENTIFIC NAME								
Large Deciduous Trees										
AB	Maple, Autumn Blaze	<i>Acer x freemanii</i> 'Autumn Blaze'	2" Cal.	B&B		8				8
MG	Ginkgo, Magyar Aristocrat	<i>Ginkgo biloba</i> 'Magyar Aristocrat'	2.5" Cal.	B&B			12			12
NE	Elm, New Homestead	<i>Ulmus x 'New Homestead'</i>	2.5" Cal.	B&B		8				8
SH	Honeylocust, Shademaster	<i>Gleditsia tricanthos inermis</i> 'Shademaster'	3.5" Cal.	B&B				4		4
SL	Linden, Sterling Silver	<i>Tilia tomentosa</i> 'Sterling'	2" Cal.	B&B				3	2	5
SO	Oak, Swamp White	<i>Quercus bicolor</i>	1.5" Cal.	B&B				7		7
WC	Hackberry, Windy City	<i>Celtis occidentalis</i> 'Windy City'	1.75" Cal.	B&B				4		4
Medium Deciduous Trees										
AS	Serviceberry, Autumn Brilliance	<i>Ameranchier x grandiflora</i> 'Autumn Brilliance'	10' Height	B&B	Multi-Trunk				12	12
HR	River Birch, Heritage	<i>Betula nigra</i> 'Heritage'	7' Height	B&B	Multi-Trunk				10	10



B&B TREE PLANTING

NTS

LAYOUT: SAA 09/28/10 Huss/00411
 DRAWN: SAA 09/28/10 HOS/2010
 REVIEWED: SAA 09/28/10 HOS/2010



LAYOUT: SAA 09/28/10 Huss0024H
 DRAWN: SAA 09/28/10 11/05/2010
 REVISION: SAA 09/28/10 11/05/2010
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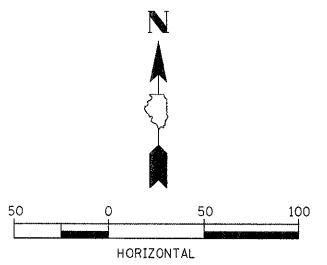
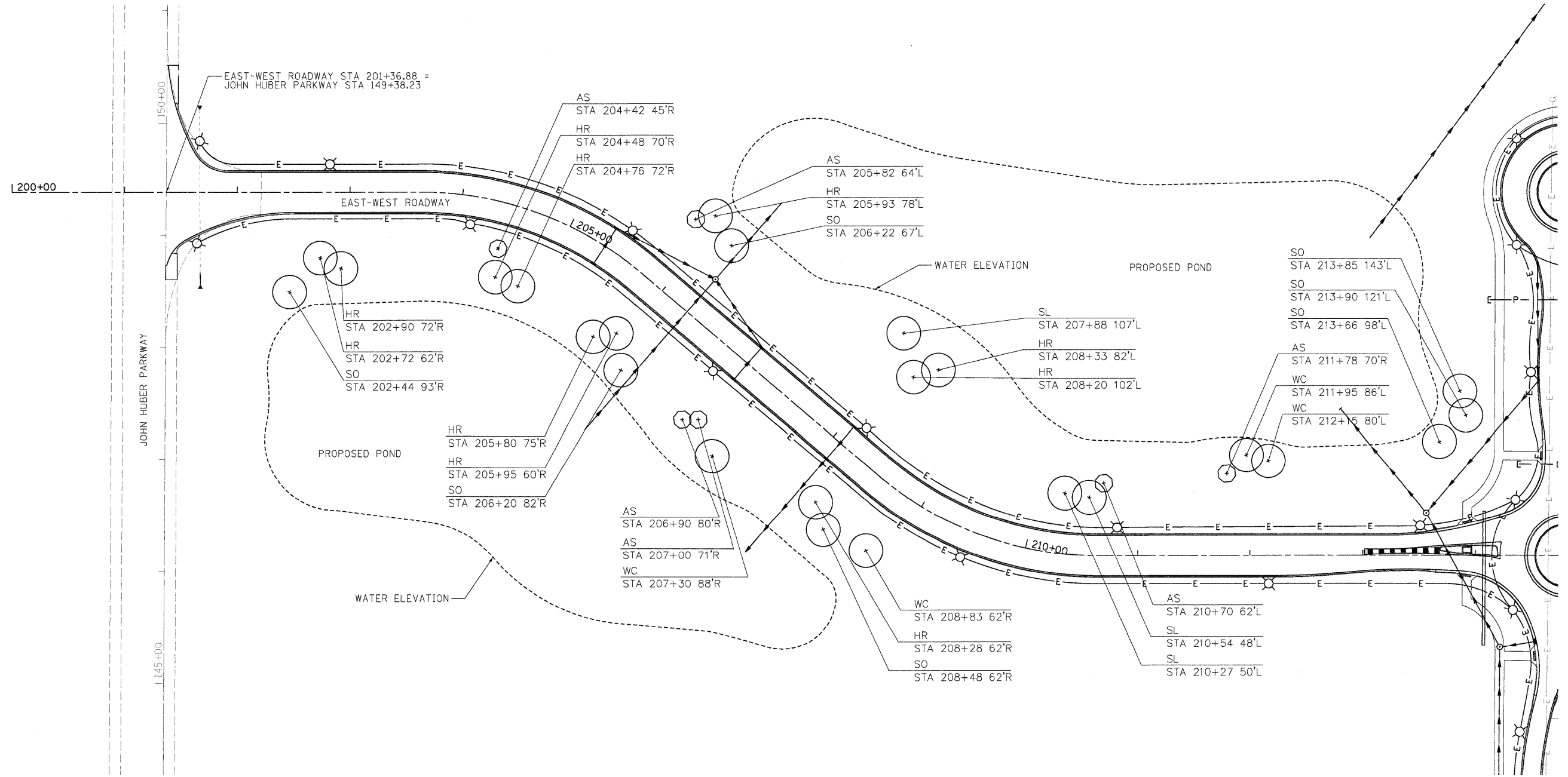
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PLOT SCALE	= 50.000' / 1" =
PLOT DATE	= 11/05/2010

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION MAIN CENTRAL ROADWAY LANDSCAPE PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. 14+00 TO STA. 24+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 87476				



LAYOUT: SAA 09/28/10 Huss00411
 DRAWN: SAA 09/28/10 Huss00411
 REVIEWED: SAA 09/28/10 Huss00411

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USER NAME = Huss00411
 PLOT SCALE = 50.000' / in.
 PLOT DATE = 11/05/2010

DESIGNED - SAA
 DRAWN - SAA
 CHECKED - SAA
 DATE - 11/04/10

REVISED -
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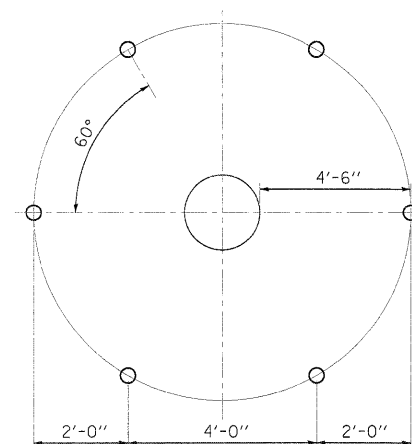
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION
 EAST-WEST ROADWAY LANDSCAPE PLAN**

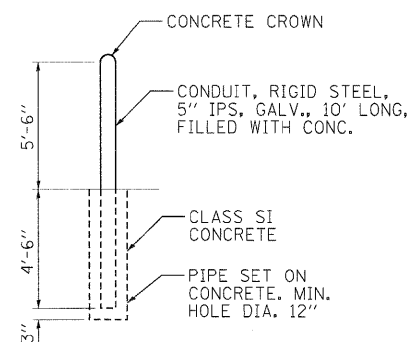
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 200+00 TO STA. 207+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	93

CONTRACT NO. 87476
 ILLINOIS FED. AID PROJECT



PLAN
TYPICAL WOOD OR STEEL POLE PROTECTION
C9520.12



DETAIL A

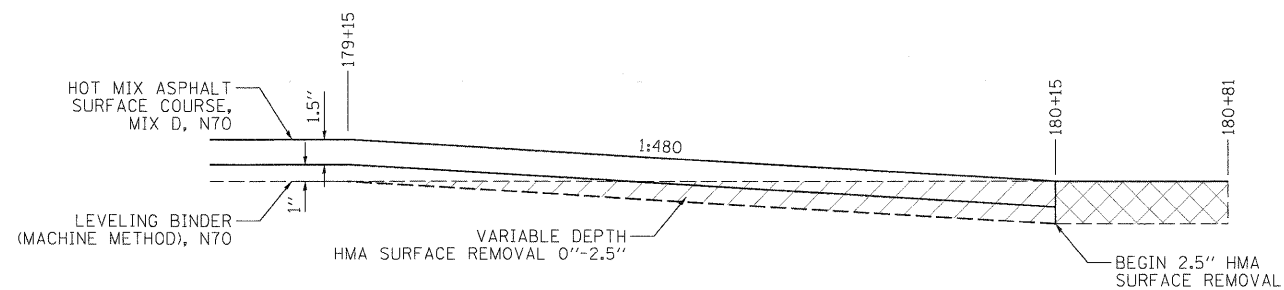
TRANSMISSION STRUCTURE PROTECTIVE BARRIER

APPLICATION

THIS STANDARD SHALL BE USED FOR INSTALLATION OF VEHICLE BARRIERS AROUND TRANSMISSION STRUCTURES AND ILLUSTRATES THE DIFFERENT TYPES OF VEHICLE BARRIERS WHICH MAY BE USED FOR TRANSMISSION STRUCTURE PROTECTION.

INFORMATION

1. ACTUAL STRUCTURE TYPE, SHAPE & BASE DIMENSIONS MAY VARY. DETAILS WILL BE FURNISHED ON THE PROJECT DRAWINGS WHERE DIFFERENT THAN SHOWN.
2. ITEM "0", (S.I.#701129) CAN BE REPLACED WITH 400 PSI READY-MIX CONCRETE PER EM48003. ONE CONCRETE TRUCK WITH 7 CUBIC YARD CAPACITY IS APPROXIMATELY EQUIVALENT TO 220 BAGS OF S.I.#701129 AFTER ADDING WATER AND MIXING.
3. NUTS ON GUARDRAIL BARRIER SHALL BE TIGHTENED WITH A TORQUE WRENCH TO A TORQUE VALUE OF 75 FOOT-POUNDS.
4. SPACING OF BARRIERS FROM STRUCTURE OUTLINE AS SHOWN IS MINIMUM AND MAY BE INCREASED WHERE NECESSARY.
5. THE TOWER PROTECTIVE BARRIER SPACING SHALL BE BASED ON ACTUAL TOWER BASE DIMENSIONS. DETAILS SHOWN ARE APPLICABLE TO A TOWER WITH A MAXIMUM BASE DIMENSION OF 36'-0". ADD ONE UNIT AT EACH SIDE IF THE TOWER BASE DIMENSION EXCEEDS 36'-0".
6. WHERE THIS DIMENSION CAN BE KEPT AT 4 FEET OR LESS, WITH CORNER OPENING NO MORE THAN 4 FEET. THE INTERMEDIATE POST SHOWN HERE CAN BE ELIMINATED.
7. NUMBER OF UNITS DEPENDENT ON SIZE OF TOWER BUT SPACES BETWEEN UNITS SHALL NOT EXCEED THE 4 FEET SHOWN, NOR SHALL THE MINIMUM DISTANCE FROM TOWER BE CHANGED. ADD ONE UNIT AT EACH SIDE IF THE TOWER BASE DIMENSION EXCEEDS 25'-0".
8. THE LOCATIONS OF THE PROTECTIVE BARRIERS WILL BE STAKED BY THE OWNER UNLESS OTHERWISE INDICATED ON THE PROJECT DRAWINGS.
9. CARE SHALL BE TAKEN TO AVOID DISTURBANCE OF ALL AREAS OUTSIDE OF THE IMMEDIATE WORK AREA. ANY DAMAGE TO PROPERTY SHALL BE IMMEDIATELY REPAIRED. ALL ADJACENT PROPERTY SHALL BE RESTORED TO ITS ORIGINAL CONDITION IMMEDIATELY AFTER THE INSTALLATION OF THE VEHICLE BARRIERS.



IL38 MILLING AND RESURFACING DETAIL
STA. 179+65 TO 180+81

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CHECKED - DPA
DATE - 11/04/10
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY
FAR WEST CAMPUS EXPANSION
DETAILS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



LAYOUT	MWH	08/23/10
DRAWN	MWH	11/04/10
REVIEWED	DPA	11/04/10

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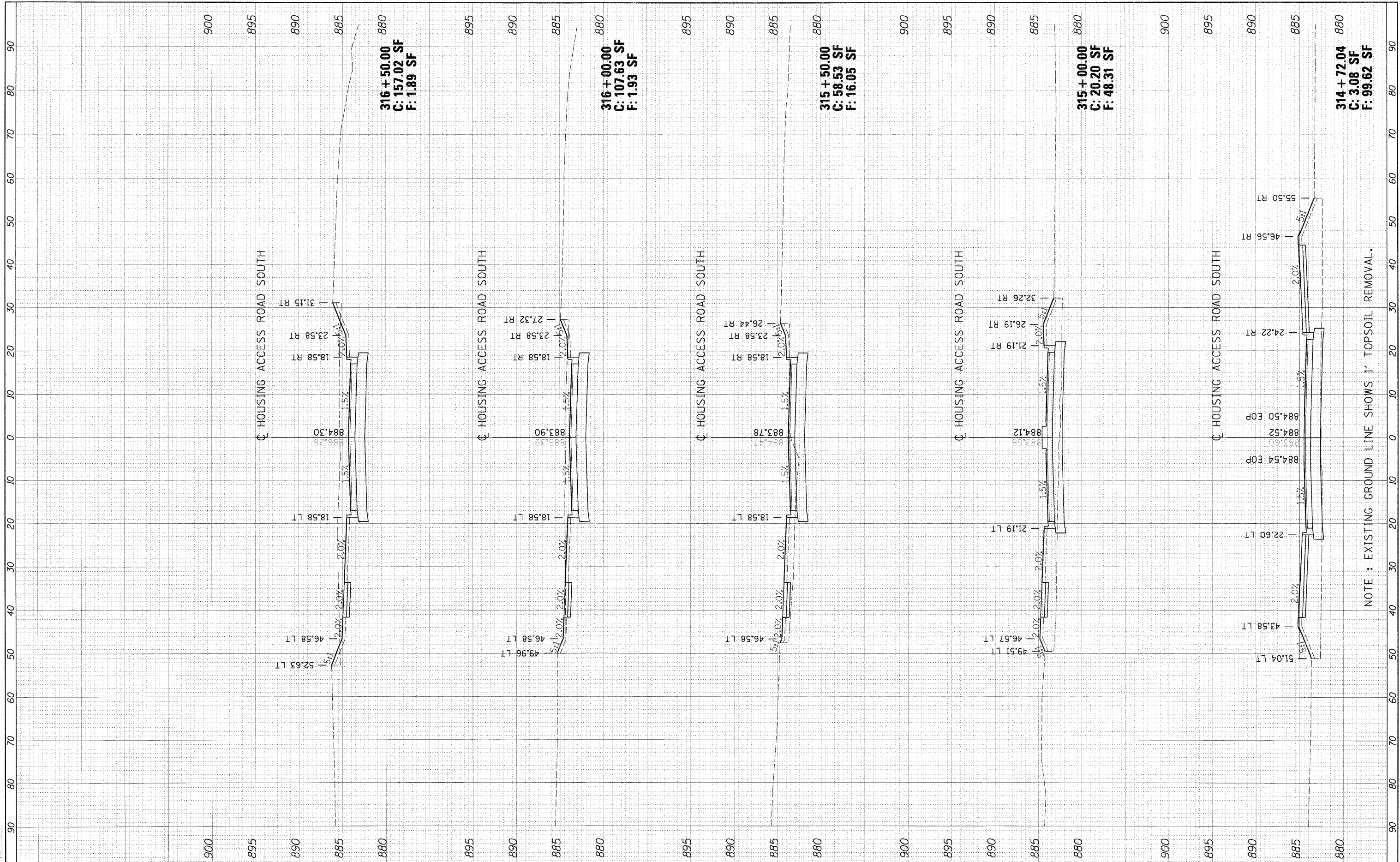
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HOUSING ACCESS ROAD SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

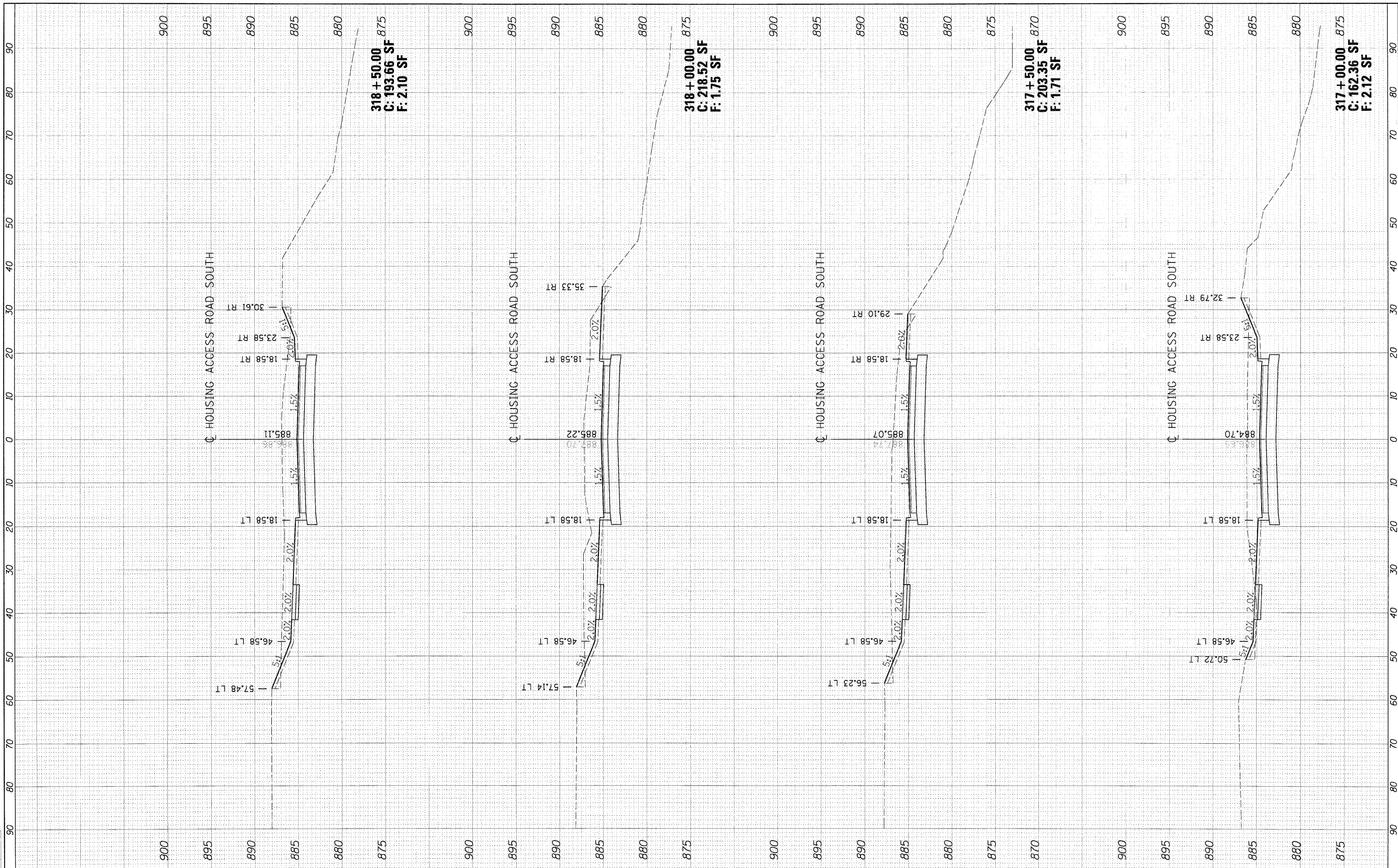
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F.A.P. RTE. 567	SECTION 06-00002-00-PV	COUNTY DEKALB	TOTAL SHEETS 148	SHEET NO. 95
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	





LAYOUT MWH 08/31/10
 DRAWN MWH 11/04/10
 REVIEWED DPA 11/04/10



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 DATE - 11/04/10

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

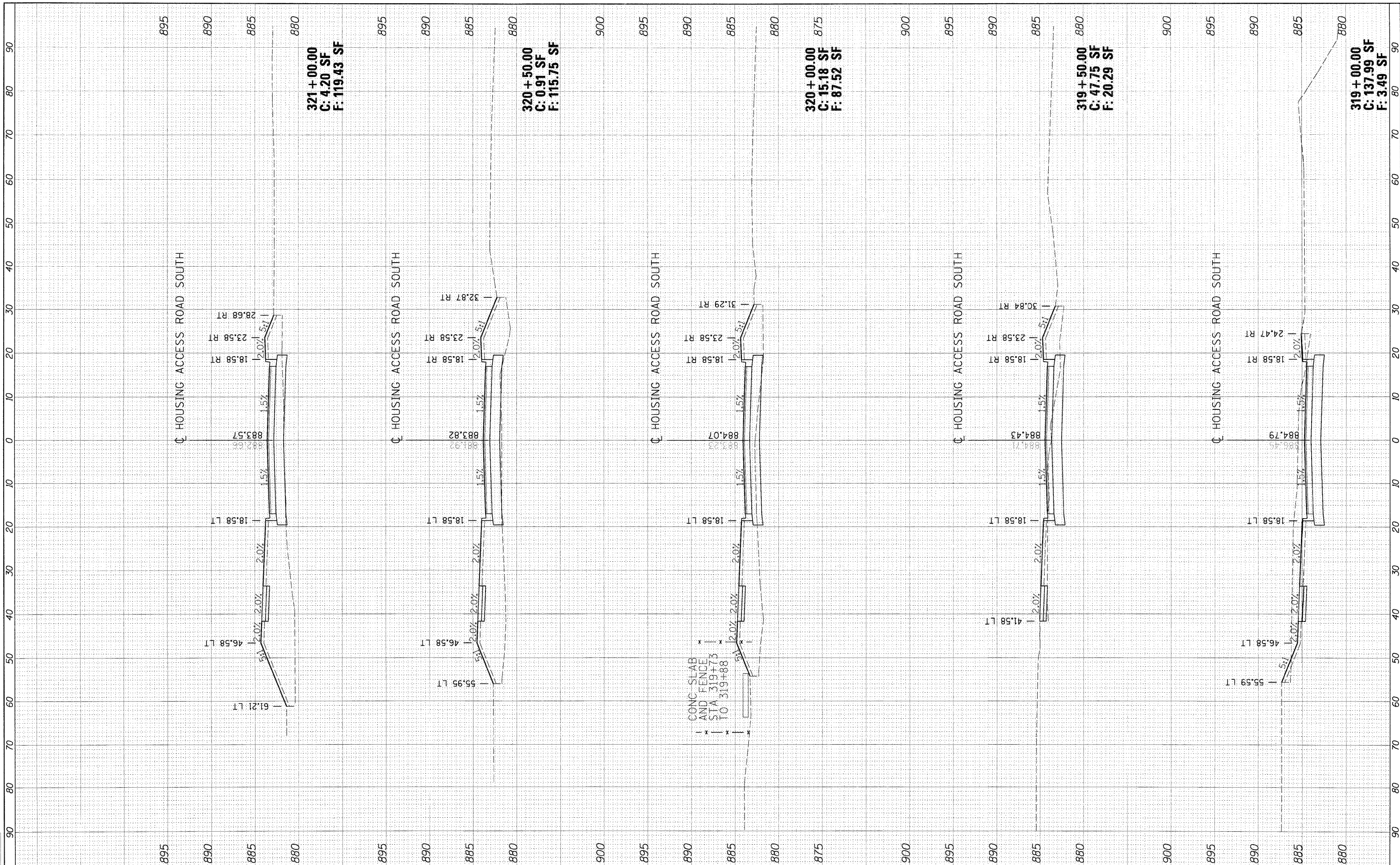
**HOUSING ACCESS ROAD SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 317+00.00 TO STA. 318+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	96
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87476	



LAYOUT MWH 08/31/10
 DRAWN MWH 11/04/10
 REVIEWED DPA 11/04/10



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 DATE - 11/04/10

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

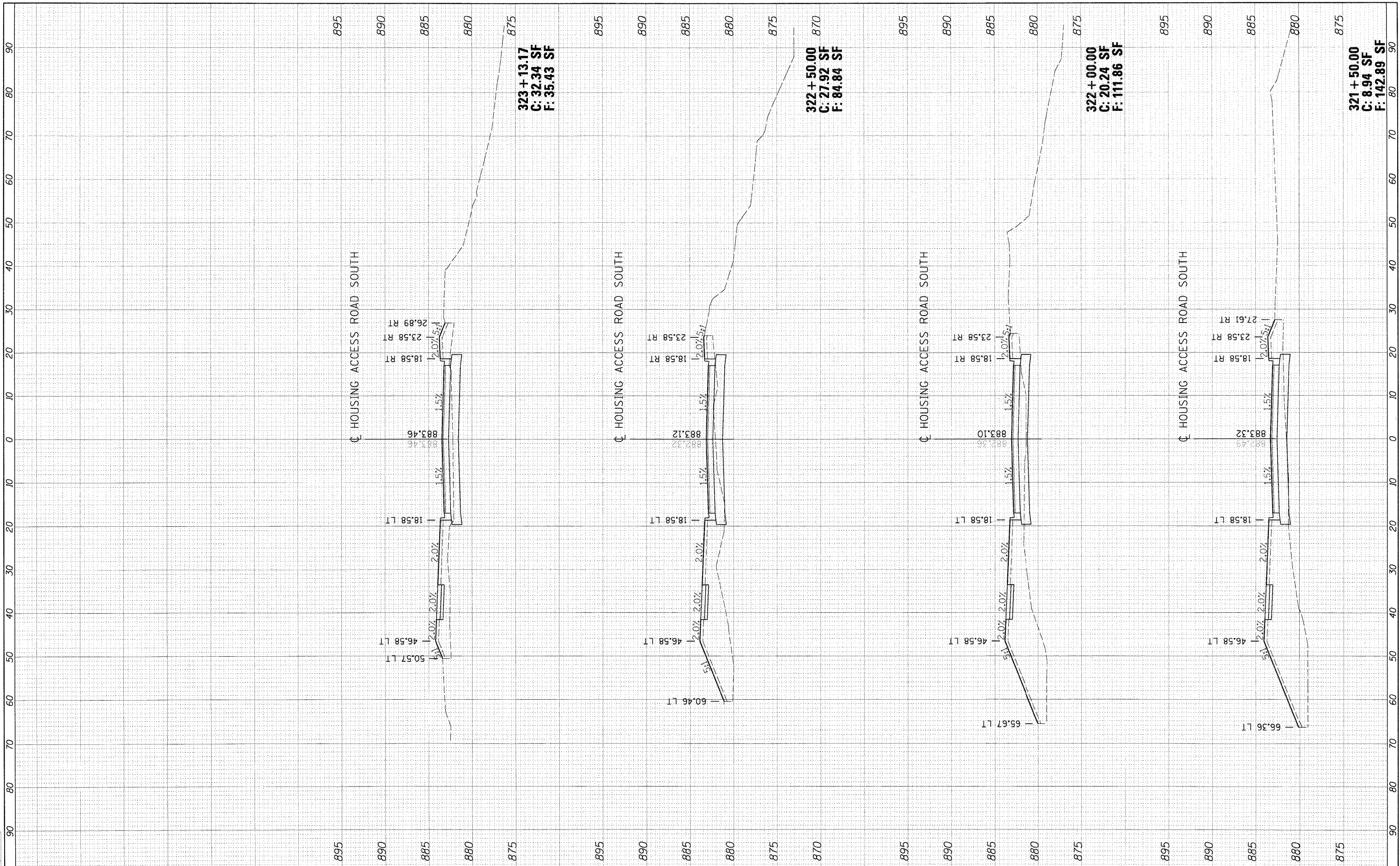
**HOUSING ACCESS ROAD SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 319+00.00 TO STA. 321+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	97
CONTRACT NO. 87476				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LAYOUT	08/31/10
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REVIEWED	DPA



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HOUSING ACCESS ROAD SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 321+50.00 TO STA. 323+13.17

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	98
CONTRACT NO. 87476				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LAYOUT	MWH	08/31/10
DRAWN	MWH	11/04/10
REVIEWED	DPA	11/04/10

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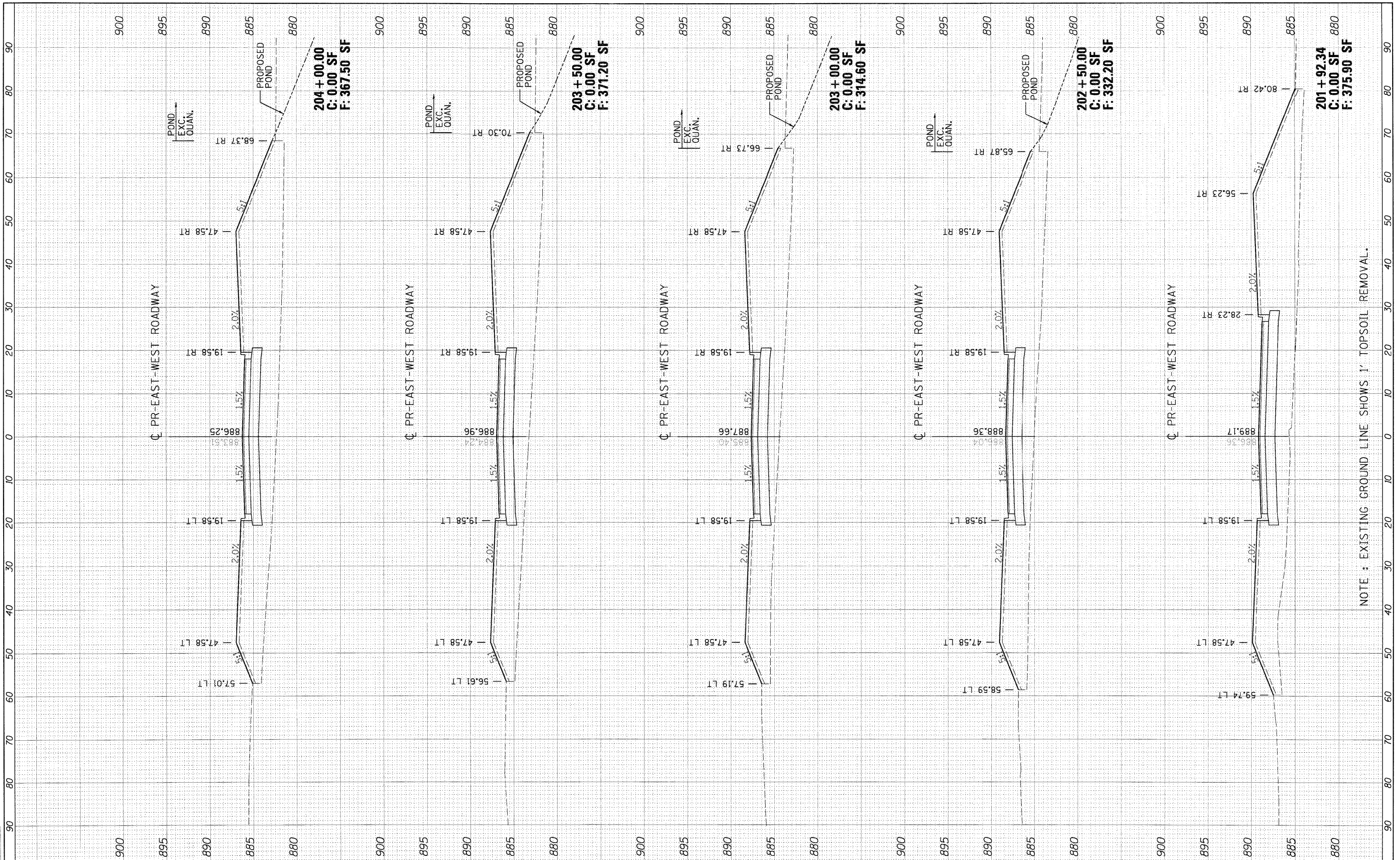
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EAST-WEST ROADWAY SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 201+92.34 TO STA. 204+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	99
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 87476	



NOTE : EXISTING GROUND LINE SHOWS 1' TOPSOIL REMOVAL.



LAYOUT	MWH	08/31/10
DRAWN	MWH	11/04/10
REVIEWED	DPA	11/04/10

FILE NAME = J:\1188\jobs\06R2583\CA00\Road\Sheet\11-282-KS-EASTWEST1.dgn
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DESIGNED - DPA
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REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EAST-WEST ROADWAY SOUTH CROSS SECTIONS
 NORTHERN ILLINOIS UNIVERSITY
 FAR WEST CAMPUS EXPANSION**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 204+50.00 TO STA. 206+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	100
CONTRACT NO. 87476				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

