

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL	ACHSIP	ACM	ACHSIP	ACHSIP				
				1000-1A	1000-1A	Y031-1F	Y031-1F				
			QUANTITIES	ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS				
				HSIP	RT TURN LANE	I-255	PLAZA DR.				
				STP	RAMPS 3 & 4	FOURNIE LN.					
				90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	5% Collinsville 90% FEDERAL 5% STATE				
20200100	EARTH EXCAVATION	CU YD	1190	1052	138						
20400800	FURNISHED EXCAVATION	CU YD	588	588							
20800150	TRENCH BACKFILL	CU YD	105	105							
25000210	SEEDING, CLASS 2A	ACRE	1.2	0.6	0.6						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108	54	54						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	108	54	54						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108	54	54						
25100115	MULCH, METHOD 2	ACRE	1.2	0.6	0.6						
25100630	EROSION CONTROL BLANKET	SQ YD	1598	1598							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	120	60	60						
28000300	TEMPORARY DITCH CHECKS	EACH	5	5							
28000400	PERIMETER EROSION BARRIER	FOOT	3706	3706							
28000500	INLET AND PIPE PROTECTION	EACH	22	22							
28100103	STONE RIPRAP, CLASS A2	SQ YD	40	40							
28200200	FILTER FABRIC	SQ YD	40	40							
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	5131	4446	685						
30201500	LIME	TON	99	86	13						
35501330	HOT-MIX ASPHALT BASE COURSE, 11 1/2"	SQ YD	3923	3238	685						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.3	3.1	0.2						
40600300	AGGREGATE (PRIME COAT)	TON	16	15	1						
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	1324	1209	115						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	196	196							
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	53	53							
40600990	TEMPORARY RAMP	SQ YD	246	246							
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	876	818	58						
44000100	PAVEMENT REMOVAL	SQ YD	393	393							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	61	61							
44003100	MEDIAN REMOVAL	SQ FT	5840	5840							
44004250	PAVED SHOULDER REMOVAL	SQ YD	3459	3459							
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	22	22							
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	33	33							
48101200	AGGREGATE SHOULDERS, TYPE B	TON	160	160							
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2236	2236							
50105220	PIPE CULVERT REMOVAL	FOOT	87	87							

Rev. 7-17-88
Rev. 5-27-08

FILE NAME =	USER NAME = conoverpj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\projects\ed09707\plan\pin09707a.dgn		DRAWN - ---	REVISED - ---			9111	73-151S	MADISON	64	3	
		CHECKED - ---	REVISED - ---			CONTRACT NO. 76B22					
		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL	ACHSIP	ACM	ACHSIP	ACHSIP				
				1000-1A	1000-1A	Y031-1F	Y031-1F	TRAFFIC SIGNALS	TRAFFIC SIGNALS		
			QUANTITIES	ROADWAY	ROADWAY	RT TURN LANE	I-255	EASTPORT	PLAZA DR.		
				HSIP	STP	RAMPS 3 & 4	FOURNIE LN.				
				90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	5% Collinsville 90% FEDERAL 5% STATE				
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	1	1							
54010302	PRECAST CONCRETE BOX CULVERT 3' X 2'	FOOT	5	5							
54205923	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL, EQUIVALENT ROUND-SIZE 48"	FOOT	30	30							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2							
54215163	STEEL END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	2	2							
54248510	CONCRETE COLLAR	CU YD	0.3	0.3							
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	80	80							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	415	415							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	97	97							
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	28	28							
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	12	12							
60107600	PIPE UNDERDRAINS 4"	FOOT	3205	3205							
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	144	144							
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	17	17							
60500060	REMOVING INLETS	EACH	3	3							
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	205	205							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	74	74							
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	195	195							
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	164	164							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1211	1211							
60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	3168	3168							
60625900	P. C. C. RAMPED MEDIAN TERMINAL	EACH	3	3							
66500105	WOVEN WIRE FENCE, 4'	FOOT	621		621						
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	650		650						
67100100	MOBILIZATION	L SUM	1	1							
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1							
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1							
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1							
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1							

FILE NAME =
 USER NAME = conoverpj
 DESIGNED -
 DRAWN -
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 3/18/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
 SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

Rev. 7-17-08
 F.A.J. SECTION COUNTY TOTAL SHEETS SHEET NO.
 9111 73-151S MADISON 64 3A
 CONTRACT NO. 76B22
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL	ACHSTP	ACM	ACHSTP	ACHSTP				
				1000-1A	1000-1A	Y031-1F	Y031-1F				
			QUANTITIES	ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS				
				RT TURN LANE	I-255	EASTPORT	PLAZA DR.				
				HSIP	STP	RAMPS 3 & 4	FOURNIE LN.				
				90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	90% FEDERAL 5% STATE				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	40	20						
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	749	631	118						
70300210	TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	156	109	47						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,057	10,468	589						
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	292	178	114						
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	622	500	62						
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	177	159	18						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4980	4564	416						
72000100	SIGN PANEL - TYPE 1	SQ FT	29	8	6			15			
72000200	SIGN PANEL - TYPE 2	SQ FT	49					49			
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	344	200	144						
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	344	200	144						
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	3692	2448	1244						
73000100	WOOD SIGN SUPPORT	FOOT	54	36	18						
73400100	CONCRETE FOUNDATIONS	CU YD	7.4	4.9	2.5						
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	109	47						
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,057	10,468	589						
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	292	178	114						
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	390	328	62						
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	177	159	18						
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	243	243							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	103	87	16						
78200300	PRISMATIC CURB REFLECTOR	EACH	52	52							
80300100	LOCATING UNDERGROUND CABLE	FOOT	80			40	40				
80500100	SERVICE INSTALLATION, TYPE A	EACH	1				1				
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	213			65	148				
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	590				590				
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	109				109				
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	55				55				
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	63			16	47				
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	198				198				

* SPECIALTY ITEMS

Rev. 7-17-08

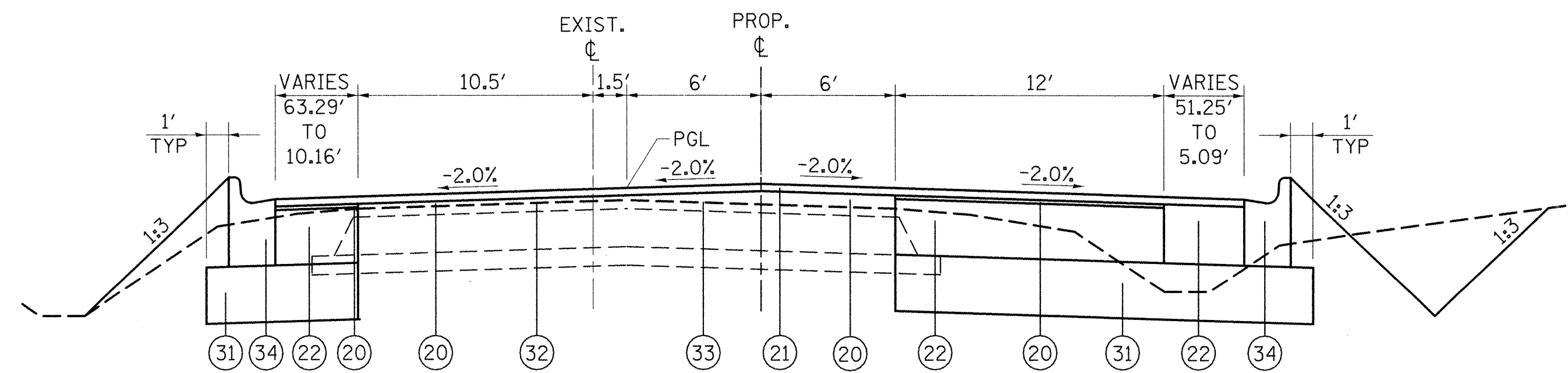
FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -
ca:\projects\ed09707\plan\p1n09707.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2008	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

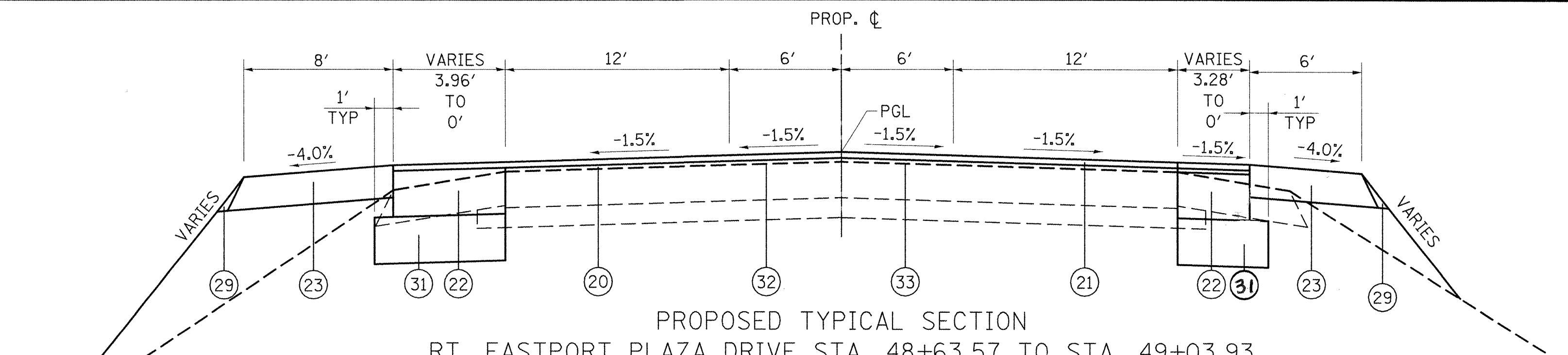
SUMMARY OF QUANTITIES

SCALE: _____	SHEET NO. 3 OF 5 SHEETS	STA. _____ TO STA. _____	F.A.D. RTE. 9111	SECTION 73-151S	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 38
--------------	-------------------------	--------------------------	------------------	-----------------	----------------	-----------------	--------------

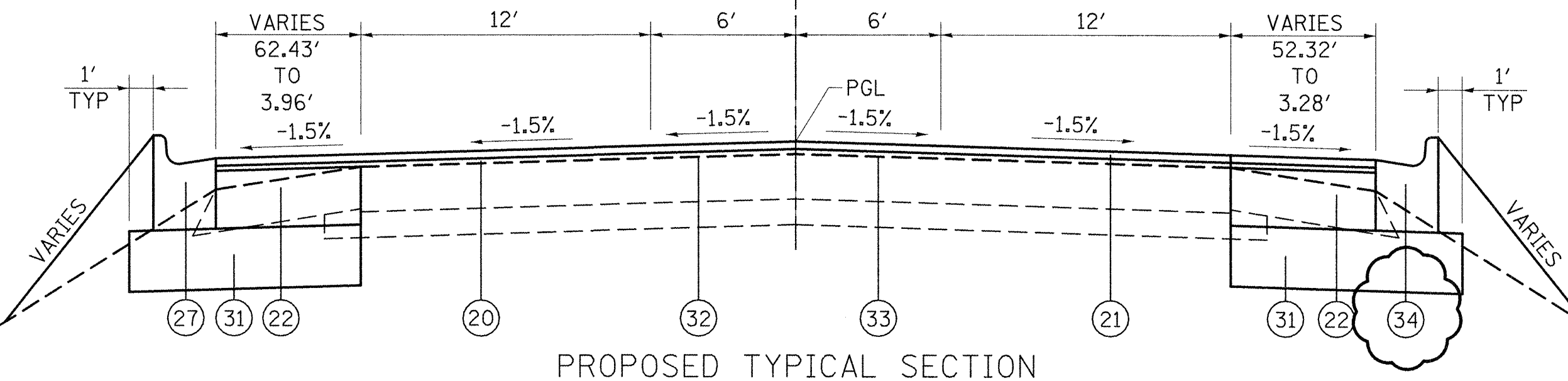
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 76B22



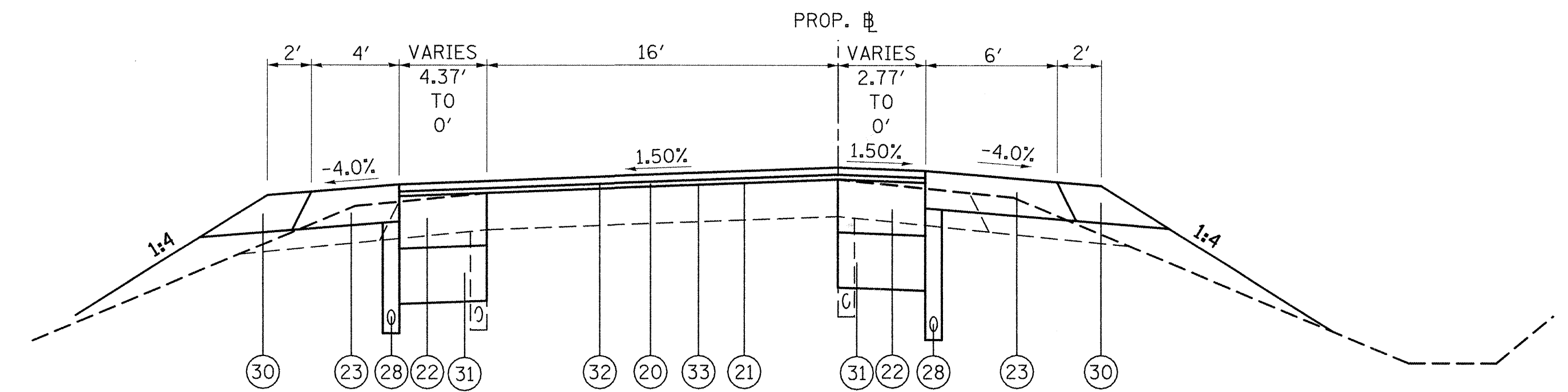
PROPOSED TYPICAL SECTION
 LT. FOURNIE LANE STA. 10+53.45 TO STA. 10+72.89
 RT. FOURNIE LANE STA. 10+22.05 TO STA. 10+72.89
 (NOT TO SCALE)



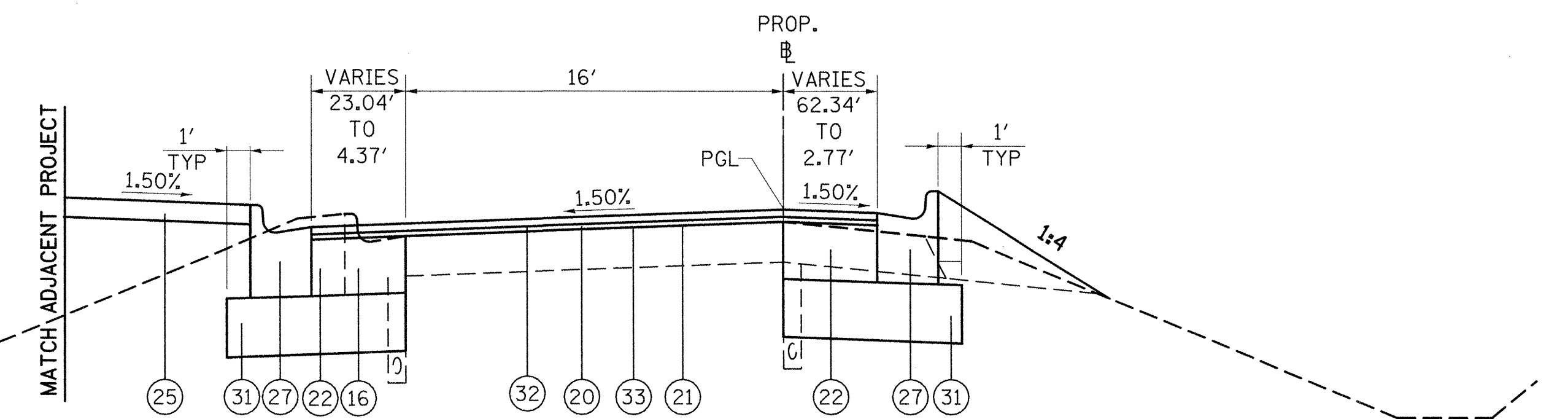
PROPOSED TYPICAL SECTION
 RT. EASTPORT PLAZA DRIVE STA. 48+63.57 TO STA. 49+03.93
 LT. EASTPORT PLAZA DRIVE STA. 48+32.27 TO STA. 49+03.93
 (NOT TO SCALE)



PROPOSED TYPICAL SECTION
 RT. EASTPORT PLAZA DRIVE STA. 47+83.50 TO STA. 48+63.57
 LT. EASTPORT PLAZA DRIVE STA. 47+94.41 TO STA. 48+32.27
 (NOT TO SCALE)



PROPOSED TYPICAL SECTION
 RAMP 4 - LT. STA. 0+78.19 TO STA. 1+77.86
 RAMP 4 - RT. STA. 1+20.20 TO STA. 1+77.86
 (NOT TO SCALE)



PROPOSED TYPICAL SECTION
 RAMP 4 - LT. STA. 0+39.91 TO STA. 0+78.19
 RAMP 4 - RT. STA. 0+48+51 TO STA. 1+20.20
 (NOT TO SCALE)

LEGEND

- ① EXISTING AGGREGATE SHOULDER, TYPE B
 - ② EXISTING BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, 1 1/4"
 - ③ EXISTING LEVELING BINDER (MACHINE METHOD)
 - ④ EXISTING BITUMINOUS SHOULDER 8"
 - ⑤ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE M6.06
 - ⑥ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE M6.18
 - ⑦ EXISTING CONCRETE MEDIAN SURFACE, 4"
 - ⑧ EXISTING CONCRETE MEDIAN, TYPE C4 (MODIFIED)
 - ⑨ EXISTING PORTLAND CEMENT CONCRETE BASE COURSE 10"
 - ⑩ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
 - ⑪ EXISTING STABILIZED SUB-BASE 4"
 - ⑫ EXISTING BITUMINOUS CONCRETE BINDER COURSE 3/4"
 - ⑬ EXISTING 4" PIPE UNDERDRAINS
 - ⑭ EXISTING SAND BACKFILL
 - ⑮ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE M6.24
 - ⑯ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24
 - ⑰ EXISTING SUBBASE GRANULAR MATERIAL 5"
 - ⑱ EXISTING HOT-MIX ASPHALT BASE COURSE, 8"
 - ⑲ EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 2"
 - ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N90, VARIABLE DEPTH (3/4" MIN.)
 - ㉑ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - ㉒ PROPOSED HOT-MIX ASPHALT BASE COURSE, 1 1/2"
 - ㉓ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
 - ㉔ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
 - ㉕ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
 - ㉖ PROPOSED CONCRETE MEDIAN, TYPE SM-6.12
 - ㉗ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ㉘ PROPOSED 4" PIPE UNDERDRAINS
 - ㉙ PROPOSED AGGREGATE SHOULDERS, TYPE B
 - ㉚ PROPOSED AGGREGATE SHOULDERS, TYPE A, 8"
 - ㉛ PROPOSED LIME MODIFIED SOIL, 12"
 - ㉜ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ㉝ PROPOSED AGGREGATE (PRIME COAT)
 - ㉞ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - ㉟ ITEMS TO BE REMOVED
- 1 VARIES 0' TO 11' FROM STA. 225+85.77 TO STA. 226+35.77
 - 2 VARIES 0' TO 12' FROM STA. 225+85.77 TO STA. 226+35.77
 - 3 VARIES 18' TO 6' FROM STA. 225+85.77 TO STA. 226+35.77
 - 4 VARIES 10' TO 4' FROM STA. 225+85.77 TO STA. 226+12.95
 - 5 10' FROM STA. 237+25 TO STA. 238+33.99 VARIES 10' - 4' FROM STA. 238+33.99 TO STA. 239+59.32 4' FROM STA. 239+59.32 TO STA. 242+85
 - 6 VARIES 6' TO 0' FROM STA. 229+51.94 TO STA. 231+73.01
 - 7 VARIES 59.48" TO 0' FROM STA. 10+22.50 TO STA. 10+86.70

PAVEMENT SCHEDULE

STATION	STATION	PROCESS MOD SOIL 12' (SQ YD)	LIME (NOTE 1) (TON)	HMA BASE CSE 11 1/2 (SQ YD)	LEV BIND MM N90 (TON)	HMA SURF REM BUTT JT (SQ YD)	PCC SURF REM BUTT JT (SQ YD)	TEMPORARY RAMPS (SQ YD)	P HMA SC "D" N90 (TON)	BIT MATLS PR CT (NOTE 2) (GAL)	AGG PR CT (NOTE 3) (TON)	PAVT PATCH T2 11 (SQ YD)	AGGREGATE SHLDS A 8 (SQ YD)	AGGREGATE SHLDS B (TON)	HMA SHOULDERS 8" (SQ YD)
WB LANES															
225+06.50	225+85.77	36	0.7	23	19				10	9	0.2				3.0
225+85.77	226+35.77				12				12	11	0.2				2.8
226+12.06	231+72.32											11			249
226+35.00	226+45.00														
226+35.77	229+53.12	734	14.1	558	43				74	66	1.3				17.6
228+35.00	228+45.00											11			
229+53.12	231+44.26	602	11.6	496	59				44	40	0.8				10.6
231+44.26	233+26.96	568	10.9	471	189				85	76	1.5				10.2
233+18.99	242+85														429
233+26.96	237+25.00	884	17.0	663	149				105	94	1.9				22.1
237+25.00	242+85.00	747	14.4	436	57	37		37	94	84	1.7				31.1
EB LANES															
225+06.50	225+85.77				42				8	7	0.1				1.4
225+85.77	226+12.95														88
226+12.95	226+35.77	17	0.3	14	57				8	7	0.1				21
226+35.77	229+53.12	418	8.0	383	421				65	58	1.2				10
229+53.12	231+44.26	250	4.8	229	102				39	35	0.7				
226+35.77	231+65.73														236
231+44.26	233+26.96	272	5.2	243	73				94	84	1.7				4.9
233+31.21	233+83.59														41
233+26.96	237+25.00	23	0.4	17	41				42	38	0.8				19.2
237+25.00	242+85.00				36	37		37	57	51	1.0				27.0
233+83.59	242+85.00														1002
MEDIAN															
225+06.50	225+85.77	9	0.2	6					9	8	0.2				
225+38.66	226+35.77														
225+85.77	226+35.77	40	0.8	26					4	4	0.1				
226+35.77	229+53.12	257	4.9	169					44	40	0.8				
229+53.12	231+44.26	152	2.9	99					27	24	0.5				
231+44.26	233+26.96								4	4	0.1				
EASTPORT PLAZA DRIVE															
48+73.93	49+03.93					122		122							0.6
RAMP 4															
LT 0+37.75	LT 1+77.86	62	1.2	46	14		53	53	30	26	0.5		22		44
RT 0+37.75	RT 0+48.51	60	1.2	44	10				21	19	0.4		11		33
TOTAL		5131	99	3923	1324	196	53	249	876	785	16	22	33	160	2236

- NOTES:
 1. LIME QUANTITY IS CALCULATED USING AN ASSUMED APPLICATION RATE OF 38.5 LB/SQ YD. THE ACTUAL APPLICATION RATE WILL BE DETERMINED BASED ON SOIL TESTS PROVIDED DURING CONSTRUCTION.
 2. BITUMINOUS MATERIALS PRIME COAT IS CALCULATED AT AN APPLICATION RATE OF 0.075 GAL/SQ YD
 3. AGGREGATE PRIME COAT IS CALCULATED AT AN APPLICATION RATE OF 3 LB/SQ YD.

CURB & GUTTER SCHEDULE

STATION	STATION	COMB CC&G TB6.18 (FOOT)	COMB CC&G TB6.24 (FOOT)	COMB CC&G TM6.12 (FOOT)	COMB CC&G TM6.24 (FOOT)	PCC RAMP MED TERM (EACH)	CONC MEDIAN SURF 4 (SQ FT)	CON MED TSM6.12 (SQ FT)
RAMP 4								
LT 0+37.75	LT 0+45.79					1	257	
LT 0+45.79	LT 0+90.65				54			
RT 0+48.51	RT 1+29.07				110			
HORSESHOE LAKE ROAD								
LT 225+38.66	LT 226+35.77			195		1	954	
LT 226+35.77	LT 231+66.99					1		3168
EASTPORT PLAZA DRIVE								
RT 47+86.90	RT 48+58.04	84						
LT 47+84.41	LT 48+32.27		74					
FOURNIE LANE								
LT 10+54.20	RT 10+73.64	49						
RT 10+22.80	RT 10+73.84	72						
TOTAL		205	74	195	164	3	1211	3168

SEEDING SCHEDULE

STATION	STATION	SEEDING CL 2A SPL (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)
HORSESHOE LAKE ROAD						
LT 225+06.5	LT 232+21	0.6	54	54	54	0.6
LT 232+45	LT 242+85	0.2	18	18	18	0.2
RT 225+06.5	RT 232+35	0.2	18	18	18	0.2
RT 232+80	RT 242+85	0.2	18	18	18	0.2
TOTAL		1.2	108	108	108	1.2

WOVEN WIRE FENCE SCHEDULE

STATION	STATION	WOV W FENCE 4 (FOOT)	WOV W FENCE REMOV (FOOT)
HORSESHOE LAKE ROAD			
LT 1+32 (RAMP 4)	LT 231+92		650
LT 225+82	LT 232+17	621	
TOTAL		621	650

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
HORSESHOE LAKE ROAD					
225+08	242+85	1188	891	1145	-254
EASTPORT PLAZA DRIVE					
47+83	49+03			316	-316
FOURNIE LANE					
10+84	10+74	2		18	-18
TOTAL		1190	891	1479	588

- EARTHWORK NOTES:
 1. ESTIMATED SHRINKAGE FACTOR = 25%.
 2. APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
 3. APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

PROPOSED SIGNING

PROP STA	RT/LT	LOCATION		TYPE	LEGEND	HIDE COL. SIZE (SQ FT)	SIGN PANEL (SQ FT)	POST LENGTH (STD 729001)				POST	
		OFFSET EOP TO EDGE OF SIGN	OFFSET CL TO CENTER OF SIGN SEE NOTE					DEPTH (HIDDEN)	CLEAR	DROP	GRND	WOOD	NO. OF POSTS
228+25	RT	18'		R3-1100-24	RIGHT TURN LANE	4.0	4.0	2	7	8	5	22	1
228+25	LT		18'	R3-1100-24	LEFT TURN LANE	4.0	4.0	2.0	7	0	5	14	1
230+50	LT	18'		R3-7R-30	RIGHT LANE MUST TURN RIGHT	6.3	6.3	2.5	7	3	5	18	1
TOTAL							14.3					54	

NOTE: FOR SIGNS IN THE MEDIAN THE DISTANCE IS FROM CENTERLINE TO POST

Rev. Sheet 7-17-08

PAVEMENT MARKING SCHEDULE

STATION	STATION	DESCRIPTION	SHORT-TERM PAVT MKING (FOOT)	TEMP PVT MK LN 4" (FOOT)	TEMP PVT MK LN 8" (FOOT)	TEMP PVT MK LN 12" (FOOT)	TEMP PVT MK LN 24" (FOOT)	TEMP PAVT MK L&S (SQ FT)	WORK ZONE PAVT MK REM (SQ FT)	THPL PVT MK LTR & SYM (SQ FT)	THPL PVT MK LN 4" (FOOT)	THPL PVT MK LN 8" (FOOT)	THPL PVT MK LN 12" (FOOT)	THPL PVT MK LN 24 (FOOT)	RAISED REFL PAVT MKR (NOTE 2) (EACH)	PRISMATIC CURB REFL (EACH)	PT PVT MK- RAISED MED (SQ FT)	PAINT PVT MARK CURB (FOOT)
RAMP 4																		
LT 0+40	LT 0+46	Med Ramp Nose															27	35
LT 0+46	LT 0+78	CC&G																
LT 0+40	LT 1+78	LT EOP		144					48		144							
RT 0+49	RT 1+78	RT EOP		162					53		162							
RT 0+51	RT 0+63	Stop Bar					18		36					18				
FAU RTE. 9111 (HORSESHOE LAKE ROAD)																		
LT 225+48	LT 225+81	Island			114	62			138				114	62				
LT 225+32	LT 225+38	Med Ramp Nose														3	28	49
LT 225+38	LT 225+86	EB Med Curb														17		
LT 225+38	LT 231+67	WB CC&G		629					208		629							
LT 230+85	LT 231+67	WB Med Curb																48
LT 231+67	LT 231+73	Med Ramp Nose															24	
LT 226+12	LT 231+72	WB EOP		560					185		560							
LT 225+82	LT 231+72	WB Ln Line	118	589					194		589							
LT 225+57	LT 225+57	WB Stop Bar						14	28					14				
LT 226+55	LT 226+63	WB Arrows						15.6	16	15.6								
LT 228+85	LT 228+93	WB Arrow						15.6	16	15.6								
LT 225+38	LT 231+67	EB CC&G		629					208		629					32		
LT 225+86	LT 228+26	EB Lt. Turn Ln		62					20		62							
LT 228+26	LT 232+11	EB Lt. Turn Ln	77	385					127		385							
LT 228+97	LT 229+05	EB Arrow						15.6	16	15.6					11			
LT 231+12	LT 231+20	EB Arrow						15.6	16	15.6								
LT 231+15	LT 231+23	WB Arrow						15.6	16	15.6								
RT 231+67	RT 231+67	EB Stop Bar							12					12				
RT 225+07	RT 231+73	EB EOP		666					220		666							
RT 225+86	RT 228+25	EB Rt. Turn Ln		62					20		62							
RT 228+25	RT 231+98	EB Rt. Turn Ln	75	373					123		373			10				
RT 232+11	LT 232+11	EB Stop Bar						14	28									
RT 228+97	RT 229+05	EB Arrow						15.6	16	15.6								
RT 231+12	RT 231+20	EB Arrows						15.6	16	15.6								
RT 232+03	RT 232+28	Island			90	28			88				90	28				
FOURNIE LANE																		
LT 10+54	LT 10+73	LT EOP		52					17		52							
LT 10+65	LT 10+72	Stop Bar						24	48									
RT 10+22	RT 10+73	RT EOP		99					33		99							
EASTPORT PLAZA DRIVE																		
RT 47+84	RT 48+04	RT EOP		106					35		106							
RT 47+89	RT 48+02	Stop Bar							36									
RT 48+16	RT 48+65	Dbl Ln Line	5	48					16					18				
RT 48+50	LT 48+58	Lt Turn Arrow						15.6	16	15.6								
RT 48+64	LT 48+81	Bike Path							243					* 243				
LT 47+93	LT 47+93	Stop Bar							24									
LT 47+93	LT 48+66	Lane Line	15	73					24		73							
LT 47+92	LT 48+67	LT EOP		166					55		166							
LT 47+93	LT 48+07	Stop Bar							36					18				
LT 48+18	LT 48+18	Stop Bar							24					12				
RT 48+78	RT 49+04	RT EOP		26					9		26							
RT 48+79	RT 49+04	Dbl Ln Line	3	25					8		25			3				
LT 48+80	LT 49+04	Lane Line	5	24					8		24							
LT 48+81	LT 49+04	LT EOP		24					8		24							
FAU RTE. 9111 (HORSESHOE LAKE ROAD)																		
RT 232+64	RT 232+91	Island			88	34			93				88	34				
RT 233+84	RT 242+85	RT EOP		901					297		901							
LT 232+95	LT 242+85	Median	396	3960					1562		3960			255				
LT 233+04	LT 233+04	Stop Bar							24									
LT 232+71	LT 232+78	WB Stop Bar							23									
LT 232+71	LT 235+45	WB Ln Line	55	274					90		274							
LT 233+50	LT 233+58	WB Arrows						15.6	16	15.6								
LT 234+90	LT 234+98	WB Arrow						15.6	16	15.6								
LT 235+45	LT 237+25	WB Ln Line		47					16		47							
LT 233+14	LT 242+85	LT EOP		971					320		971							
TOTAL			749	11057	292	622	177	156	4980	156	11057	292	622	177	103	52	79	132

PAVEMENT MARKING NOTES:
 1. RAISED REFLECTIVE PAVEMENT MARKER QUANTITY INCLUDES THE FOLLOWING TYPES:
 64 EACH EACH ONE-WAY AMBER MARKERS
 45 EACH EACH ONE-WAY CRYSTAL MARKERS
 EACH EACH TWO-WAY AMBER MARKERS
 109 EACH EACH TOTAL

* TO BE PAID FOR AS
 PAINT PAVEMENT MARKING - LINE 12"
 (7800/1150)

EROSION CONTROL SCHEDULE

STATION	STATION	EROSION CONTROL BLANKET (SQ YD)	TEMP EROS CONTR SEED (POUND)	TEMPORARY DITCH CHECKS (EACH)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
RAMP 4						
RT 1+56						1
LT 0+73	LT 1+78				105	
HORSESHOE LAKE ROAD						
LT 226+40						1
LT 226+50				1		
RT 226+50						1
LT 226+65						1
LT 226+90						1
LT 227+15						1
LT 227+40						1
LT 227+65						1
LT 227+90						1
LT 228+15						1
LT 228+40						1
LT 228+65						1
LT 228+90						1
LT 229+15						1
LT 229+40						1
LT 229+65						1
LT 229+90						1
LT 230+00						1
LT 230+80						1
LT 231+50						1
LT 232+92						1
RT 233+02						1
LT 233+50						1
RT 238+00						1
RT 239+66						1
LT 239+66						1
RT 1+78 (RAMP 4)	LT 232+17				741	
LT 225+06.5	LT 232+45					
RT 225+06.5	RT 232+29	1598	60			
RT 225+06.5	RT 232+80		20			
RT 225+38	RT 231+87					657
LT 232+45	LT 242+85		20			
LT 232+71	LT 242+90					1031
RT 232+80	RT 242+85		20			
RT 233+01	RT 242+90					993
EASTPORT PLAZA DRIVE						
RT 48+03	RT 48+63					64
LT 48+09	LT 48+67					65
RT 48+81	RT 49+09					28
LT 48+85	LT 49+07					22
TOTALS		1598	120	5	3706	22

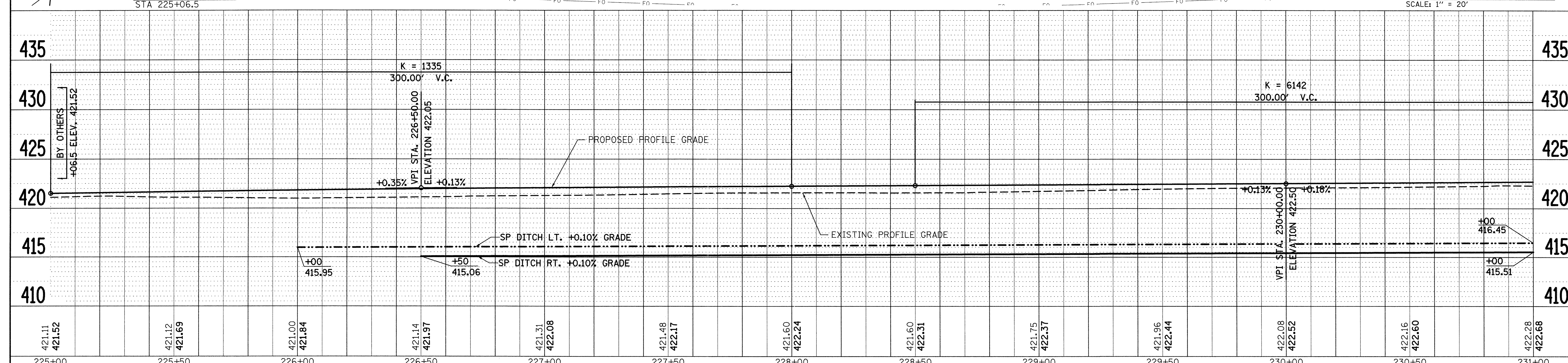
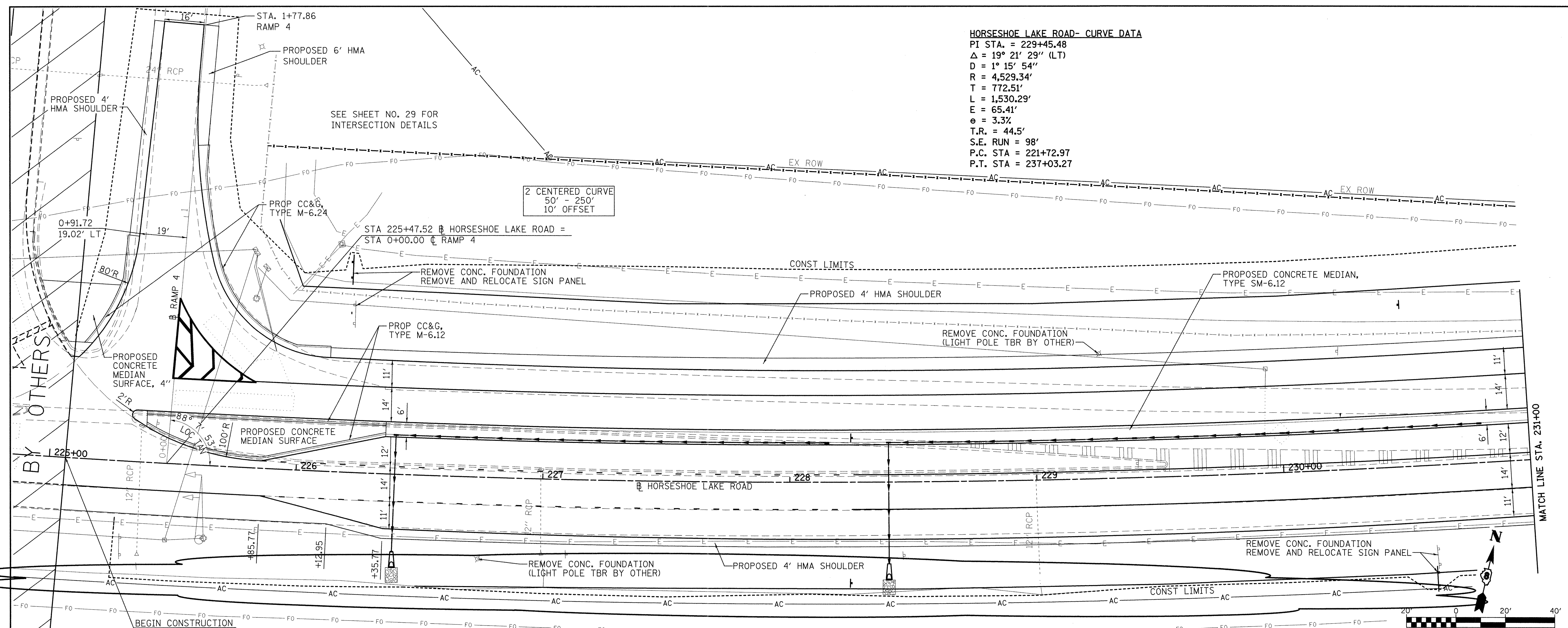
PIPE UNDERDRAIN SCHEDULE

STATION	STATION	CONC HDWL FOR P DRAIN (EACH)	PIPE UNDERDRAINS 4 (FOOT)	PIPE UNDERDRAINS 4 SP (FOOT)
FAU RTE. 9111 (HORSESHOE LAKE ROAD)				
LT 226+14	LT 228+90	1	276	20
LT 228+90	LT 231+70	1	280	20
LT 233+20	LT 236+57	1	336	11
LT 236+60	LT 239+60	1	300	9
LT 239+72	LT 242+85	1	313	9
RT 225+06.5	RT 228+38	1	333	10
RT 228+42	RT 231+64	1	322	14
RT 233+32	RT 236+60	1	333	23
RT 236+64	RT 239+60	1	296	4
RT 239+72	RT 242+85	1	313	4
Ramp 4				
LT 0+92	LT 1+54		62	
LT 1+54	LT 1+78	1	23	10
RT 1+60	RT 1+78	1	18	10
TOTAL		12	3205	

DATE	
BY	
DESIGNED	
PLANNED	
NOTED	
CHECKED	
FILE NAME	

DATE	
BY	
DESIGNED	
PLANNED	
NOTED	
CHECKED	
FILE NAME	

HORSESHOE LAKE ROAD- CURVE DATA
 PI STA. = 229+45.48
 $\Delta = 19^\circ 21' 29''$ (LT)
 $D = 1^\circ 15' 54''$
 $R = 4,529.34'$
 $T = 772.51'$
 $L = 1,530.29'$
 $E = 65.41'$
 $e = 3.3\%$
 $T.R. = 44.5'$
 $S.E. RUN = 98'$
 $P.C. STA = 221+72.97$
 $P.T. STA = 237+03.27$

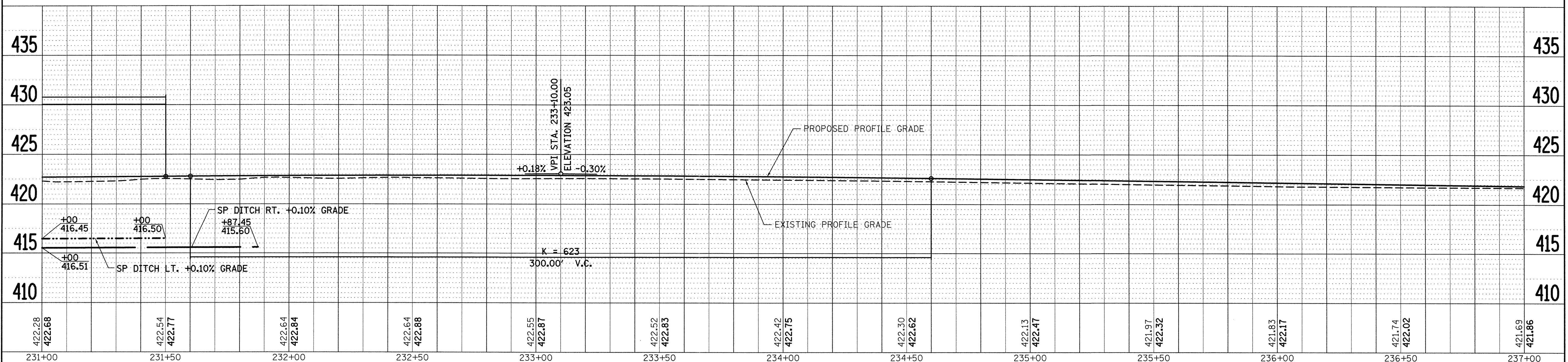
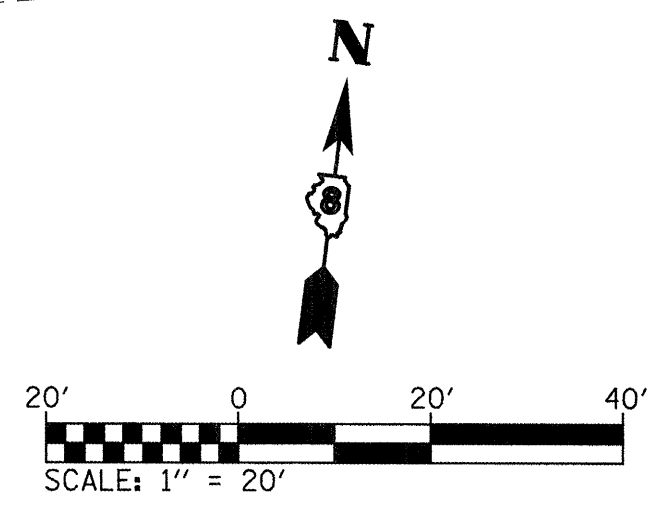
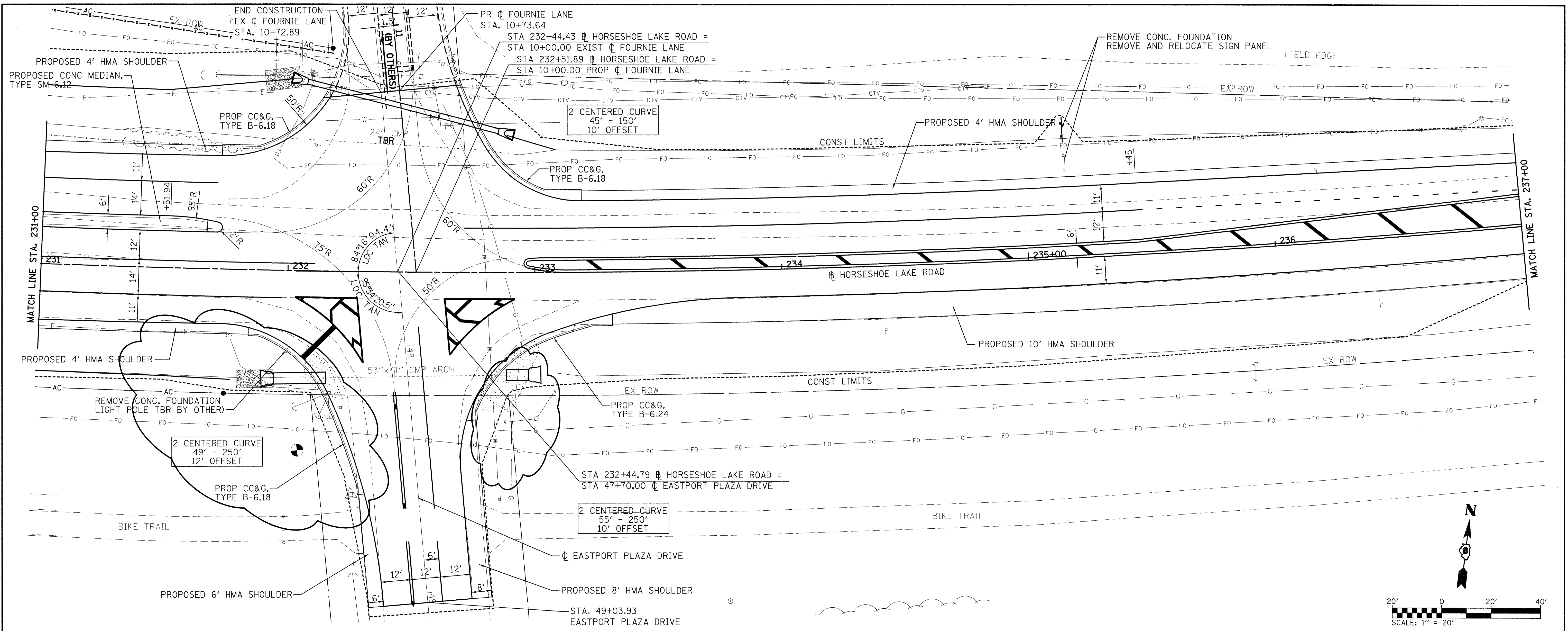


FILE NAME = D:\P\1noa2b.dgn	USER NAME = conoverpj	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - 7/14/08 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				HORSESHOE LAKE ROAD PLAN & PROFILE SHEETS				F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 13
PLOT SCALE = 20,0000 "/ IN. PLOT DATE = 7/16/2008				SCALE: 1" = 20'				SHEET NO. 1 OF 3 SHEETS STA. 225+00.00 TO STA. 231+00.00				CONTRACT NO. 76B22 ILLINOIS FED. AID PROJECT				

Rev. Sheet 7-17-08

PLAN	DESIGNED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	ADD. FILE NAME	

PROFILE	DESIGNED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	
	ADD. FILE NAME	



422.28 422.68	422.54 422.77	422.64 422.84	422.64 422.88	422.55 422.87	422.52 422.83	422.42 422.75	422.30 422.62	422.13 422.47	421.97 422.32	421.83 422.17	421.74 422.02	421.69 421.86
231+00	231+50	232+00	232+50	233+00	233+50	234+00	234+50	235+00	235+50	236+00	236+50	237+00

FILE NAME = D:\P110a2b.dgn
 USER NAME = conoverpj
 PLOT SCALE = 20.0000 "/>

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED - 7/14/08
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HORSESHOE LAKE ROAD
 PLAN & PROFILE SHEETS

SCALE: 1" = 20'
 SHEET NO. 2 OF 3 SHEETS
 STA. 231+00.00 TO STA. 237+00.00

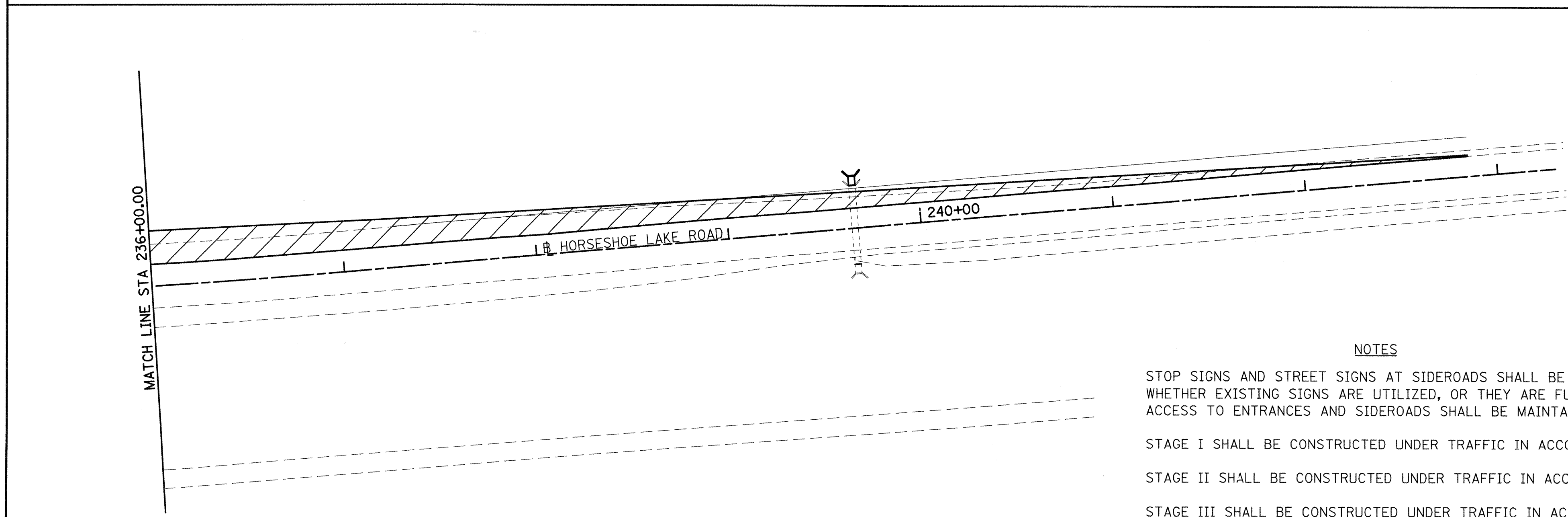
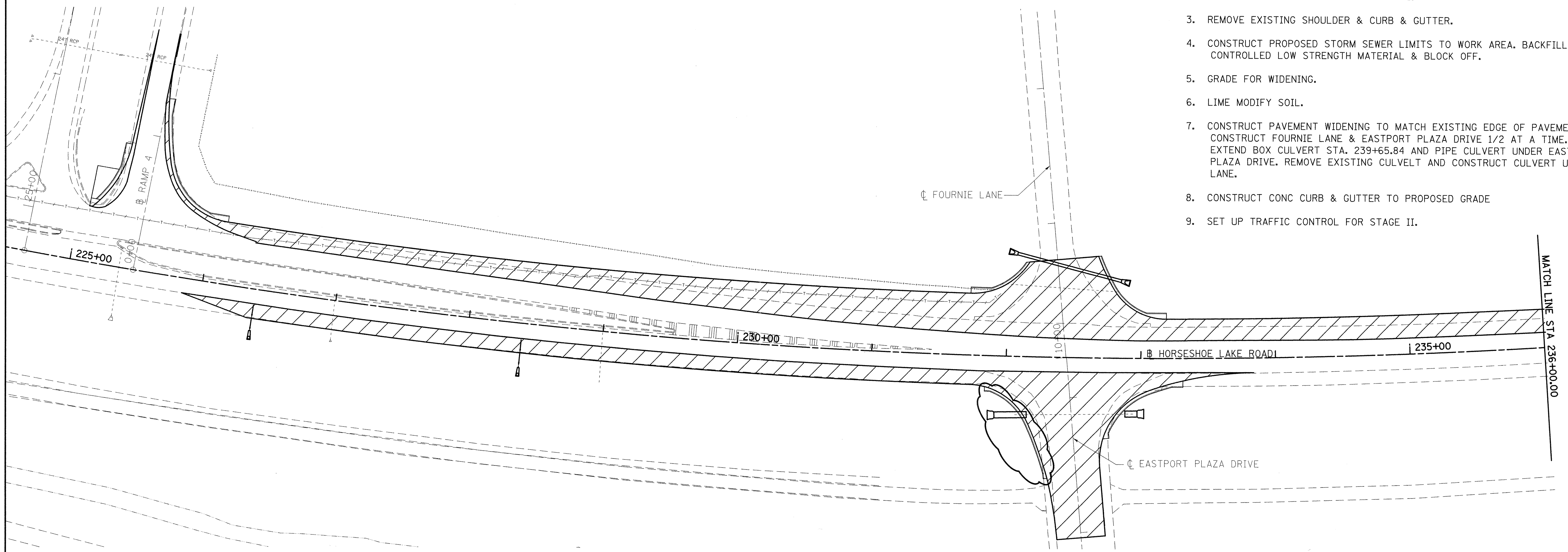
F.A.U. RTE. 9111
 SECTION 73-15TS
 COUNTY MADISON
 TOTAL SHEETS 64
 SHEET NO. 14
 CONTRACT NO. 76B22

ILLINOIS FED. AID PROJECT

Rev. Sheet 7-17-08

HORSESHOE LAKE ROAD
STAGE I - WIDENING

1. MAINTAIN TRAFFIC ON EX PAVEMENT
2. SET UP TRAFFIC CONTROL FOR STAGE I.
3. REMOVE EXISTING SHOULDER & CURB & GUTTER.
4. CONSTRUCT PROPOSED STORM SEWER LIMITS TO WORK AREA. BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL & BLOCK OFF.
5. GRADE FOR WIDENING.
6. LIME MODIFY SOIL.
7. CONSTRUCT PAVEMENT WIDENING TO MATCH EXISTING EDGE OF PAVEMENT. CONSTRUCT FOURNIE LANE & EASTPORT PLAZA DRIVE 1/2 AT A TIME. EXTEND BOX CULVERT STA. 239+65.84 AND PIPE CULVERT UNDER EASTPORT PLAZA DRIVE. REMOVE EXISTING CULVELT AND CONSTRUCT CULVERT UNDER FOURNIE LANE.
8. CONSTRUCT CONC CURB & GUTTER TO PROPOSED GRADE
9. SET UP TRAFFIC CONTROL FOR STAGE II.



NOTES

STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES.

STAGE I SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

STAGE II SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701701.

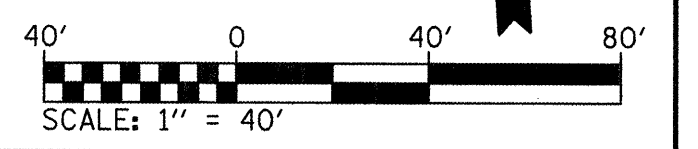
STAGE III SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701306

STAGE IV SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

LEGEND

WORK AREA



FILE NAME =
D:\stg001.dgn

USER NAME = conoverpj
PLOT SCALE = 40.0000' / IN.
PLOT DATE = 7/16/2008

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 7/14/08
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

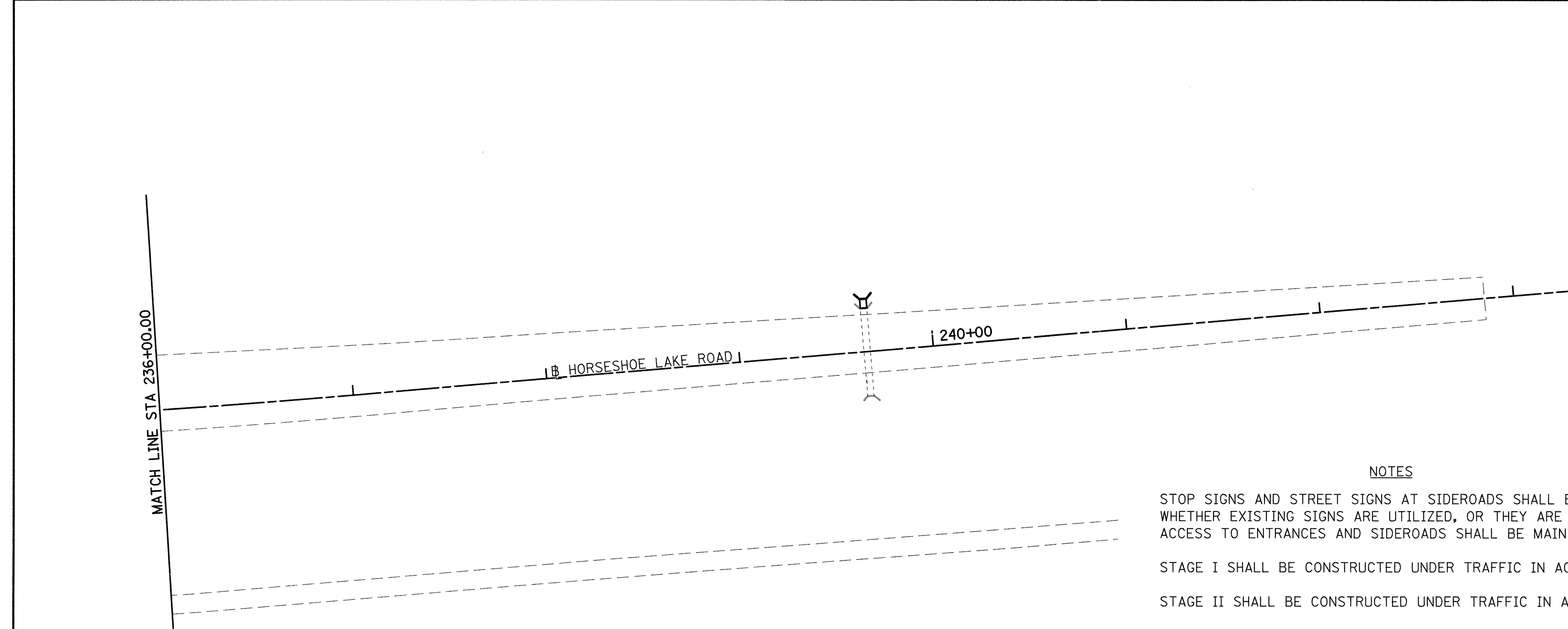
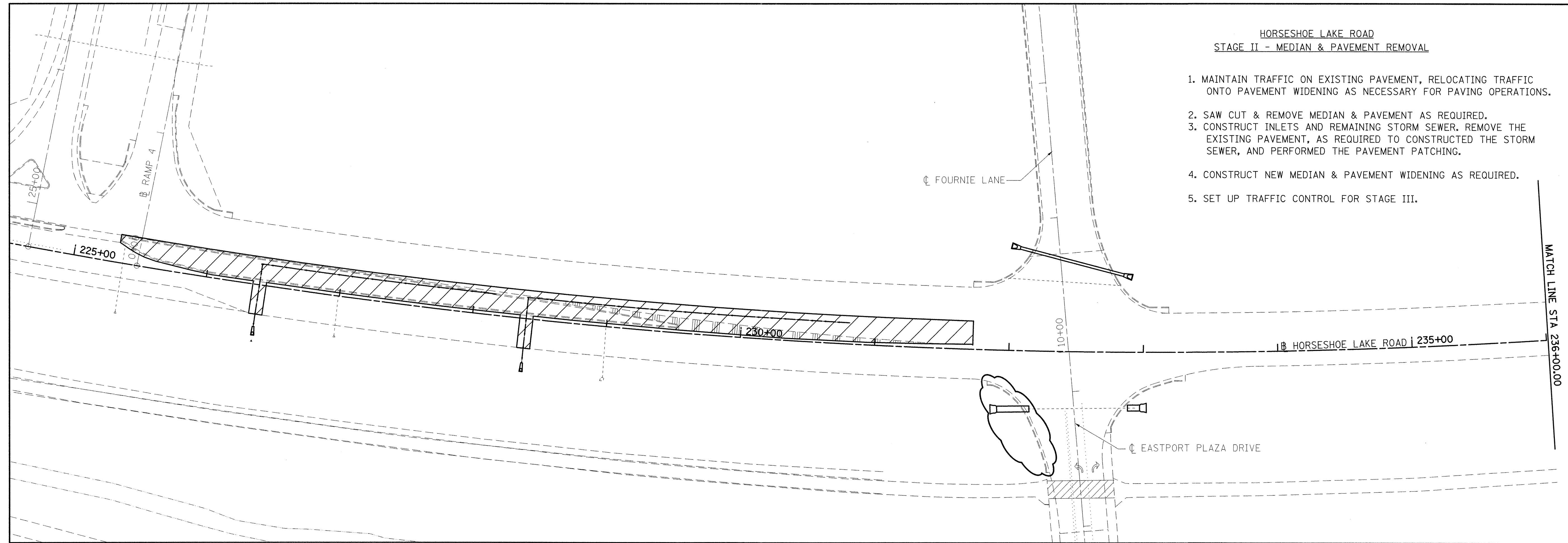
**SUGGESTED STAGING
STAGE I HIGHWAY CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9111	73-15TS	MADISON	64	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B22	

HORSESHOE LAKE ROAD
 STAGE II - MEDIAN & PAVEMENT REMOVAL

1. MAINTAIN TRAFFIC ON EXISTING PAVEMENT, RELOCATING TRAFFIC ONTO PAVEMENT WIDENING AS NECESSARY FOR PAVING OPERATIONS.
2. SAW CUT & REMOVE MEDIAN & PAVEMENT AS REQUIRED.
3. CONSTRUCT INLETS AND REMAINING STORM SEWER. REMOVE THE EXISTING PAVEMENT, AS REQUIRED TO CONSTRUCTED THE STORM SEWER, AND PERFORMED THE PAVEMENT PATCHING.
4. CONSTRUCT NEW MEDIAN & PAVEMENT WIDENING AS REQUIRED.
5. SET UP TRAFFIC CONTROL FOR STAGE III.



NOTES

STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES.

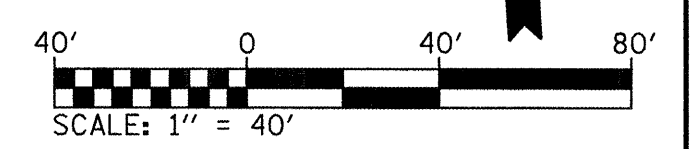
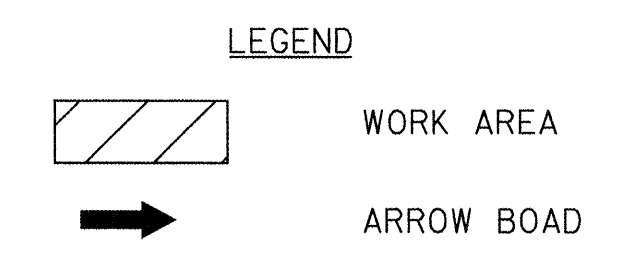
STAGE I SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

STAGE II SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701701.

STAGE III SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701306

STAGE IV SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326.

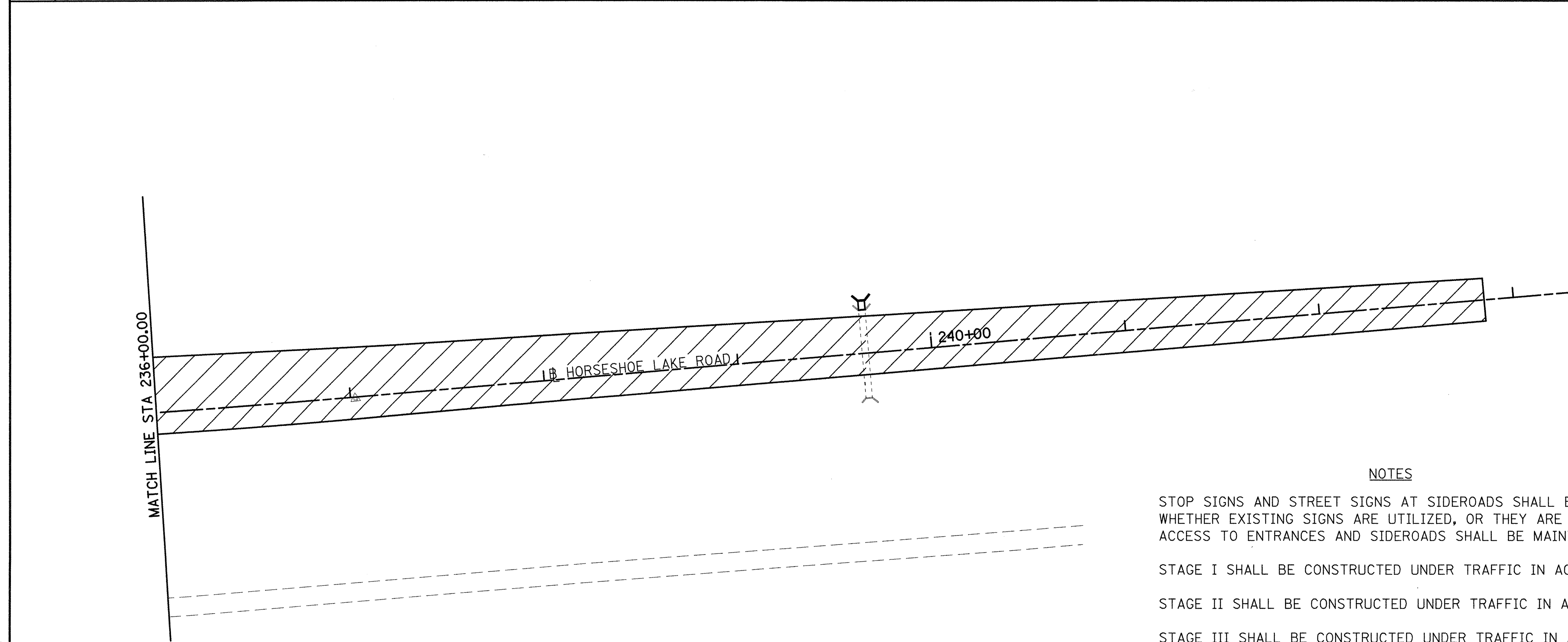
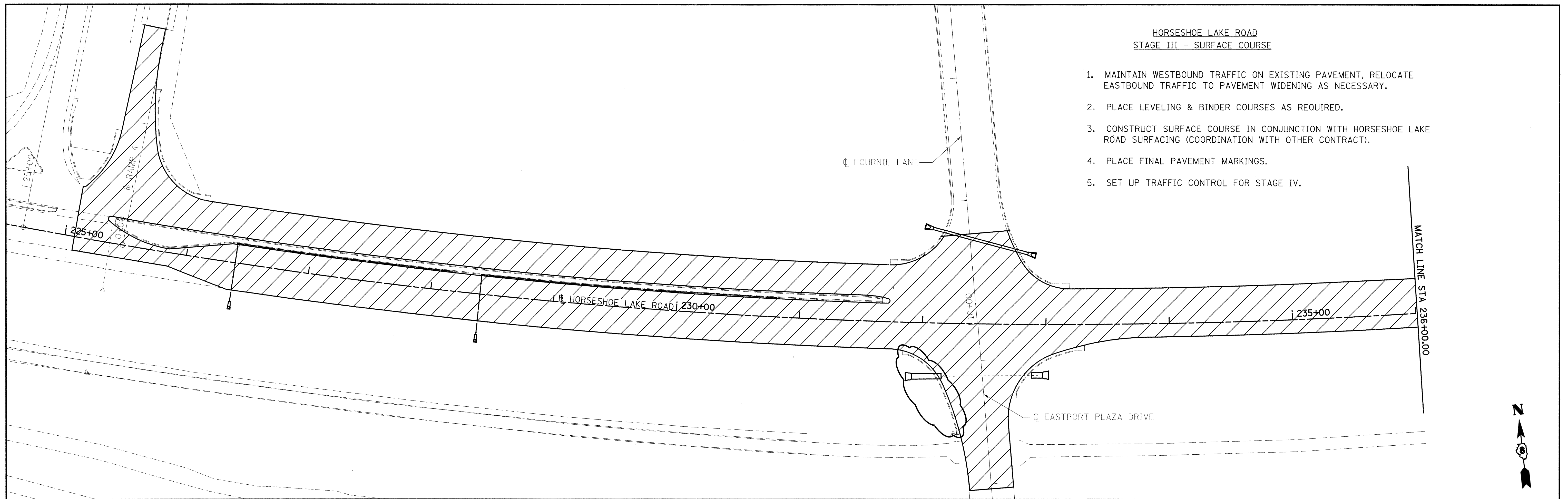
THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.



FILE NAME = D:\stg002.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING STAGE II HIGHWAY CONSTRUCTION		F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 18	
	PLOT SCALE = 40,0000 "/ IN.	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET NO. 2 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 7/16/2008	CHECKED -	REVISED -		CONTRACT NO. 76B22							
		DATE -	REVISED -		Rev. Sheet 7-17-08							

HORSESHOE LAKE ROAD
STAGE III - SURFACE COURSE

1. MAINTAIN WESTBOUND TRAFFIC ON EXISTING PAVEMENT, RELOCATE EASTBOUND TRAFFIC TO PAVEMENT WIDENING AS NECESSARY.
2. PLACE LEVELING & BINDER COURSES AS REQUIRED.
3. CONSTRUCT SURFACE COURSE IN CONJUNCTION WITH HORSESHOE LAKE ROAD SURFACING (COORDINATION WITH OTHER CONTRACT).
4. PLACE FINAL PAVEMENT MARKINGS.
5. SET UP TRAFFIC CONTROL FOR STAGE IV.



NOTES

STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES.

STAGE I SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

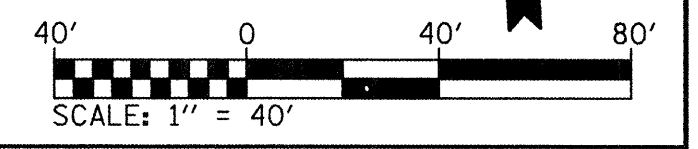
STAGE II SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701701.

STAGE III SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701306

STAGE IV SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

LEGEND



FILE NAME = D:\stg003.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 7/16/2008	DATE -	REVISED -

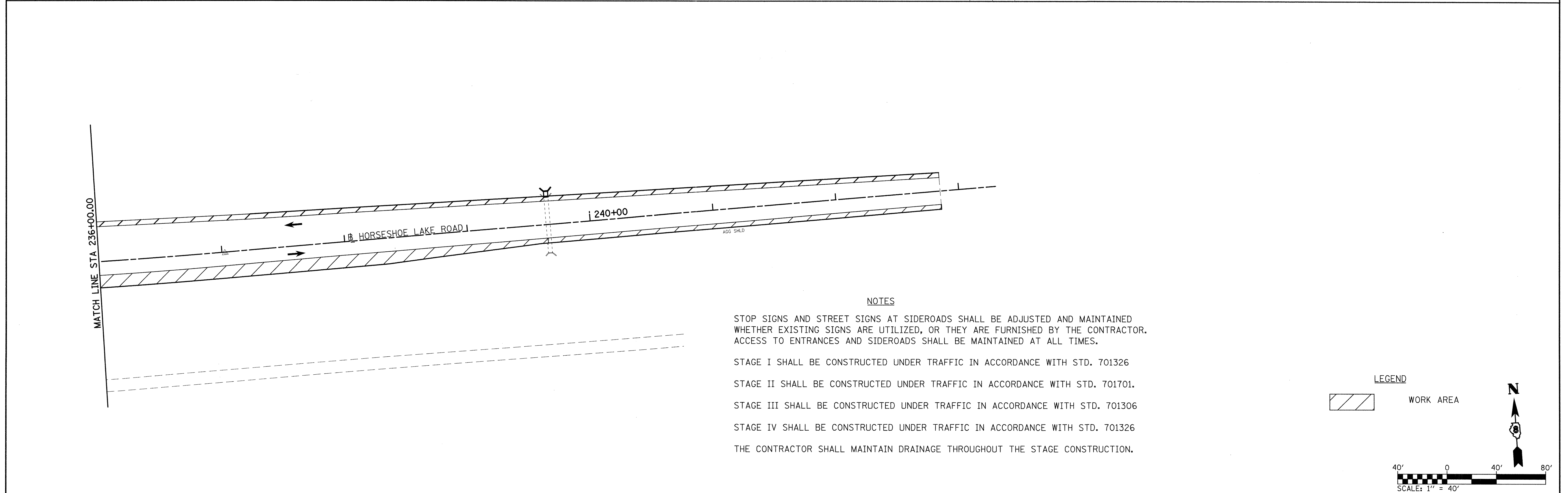
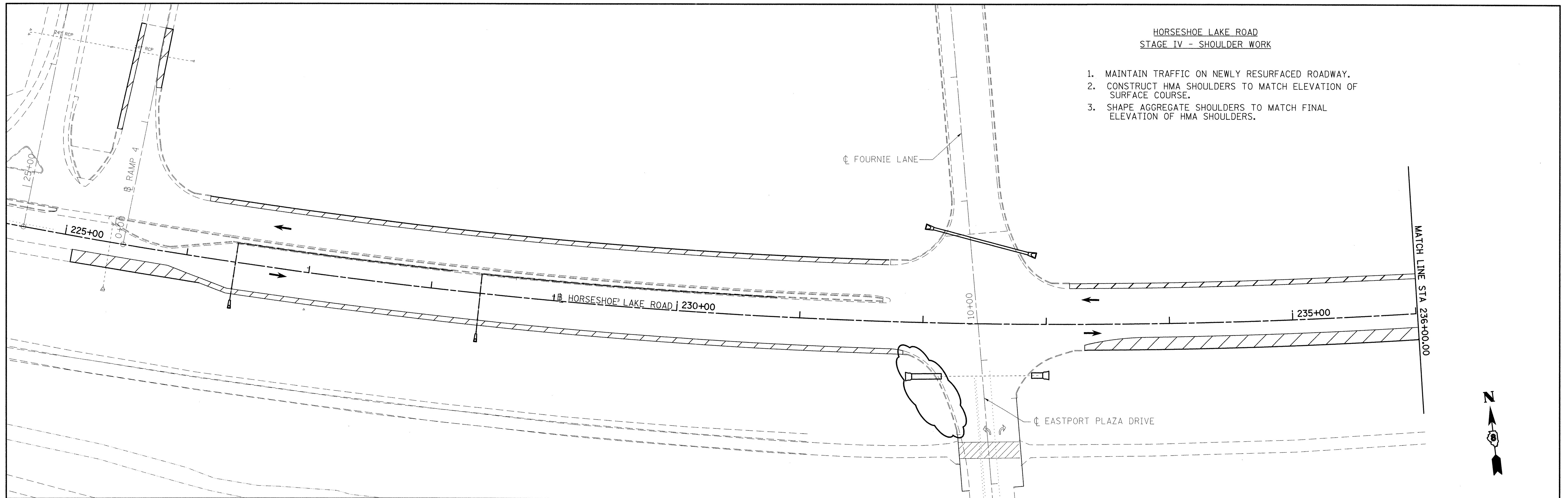
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING			
STAGE III HIGHWAY CONSTRUCTION			
SCALE: 1" = 40'	SHEET NO. 3	OF 4 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9111	73-15TS	MADISON	64	19
CONTRACT NO. 76B22				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HORSESHOE LAKE ROAD
STAGE IV - SHOULDER WORK

1. MAINTAIN TRAFFIC ON NEWLY RESURFACED ROADWAY.
2. CONSTRUCT HMA SHOULDERS TO MATCH ELEVATION OF SURFACE COURSE.
3. SHAPE AGGREGATE SHOULDERS TO MATCH FINAL ELEVATION OF HMA SHOULDERS.



NOTES

STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES.

STAGE I SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

STAGE II SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701701.

STAGE III SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701306

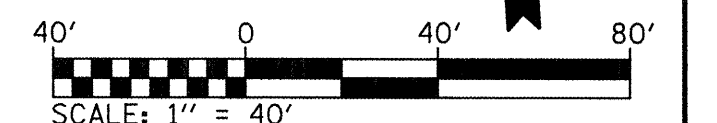
STAGE IV SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

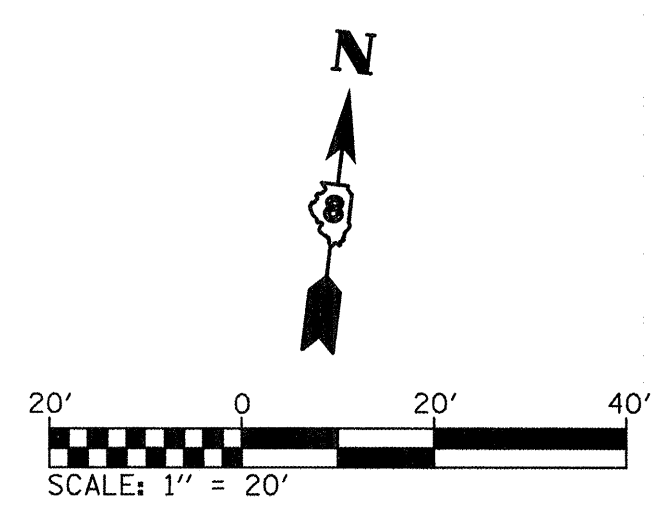
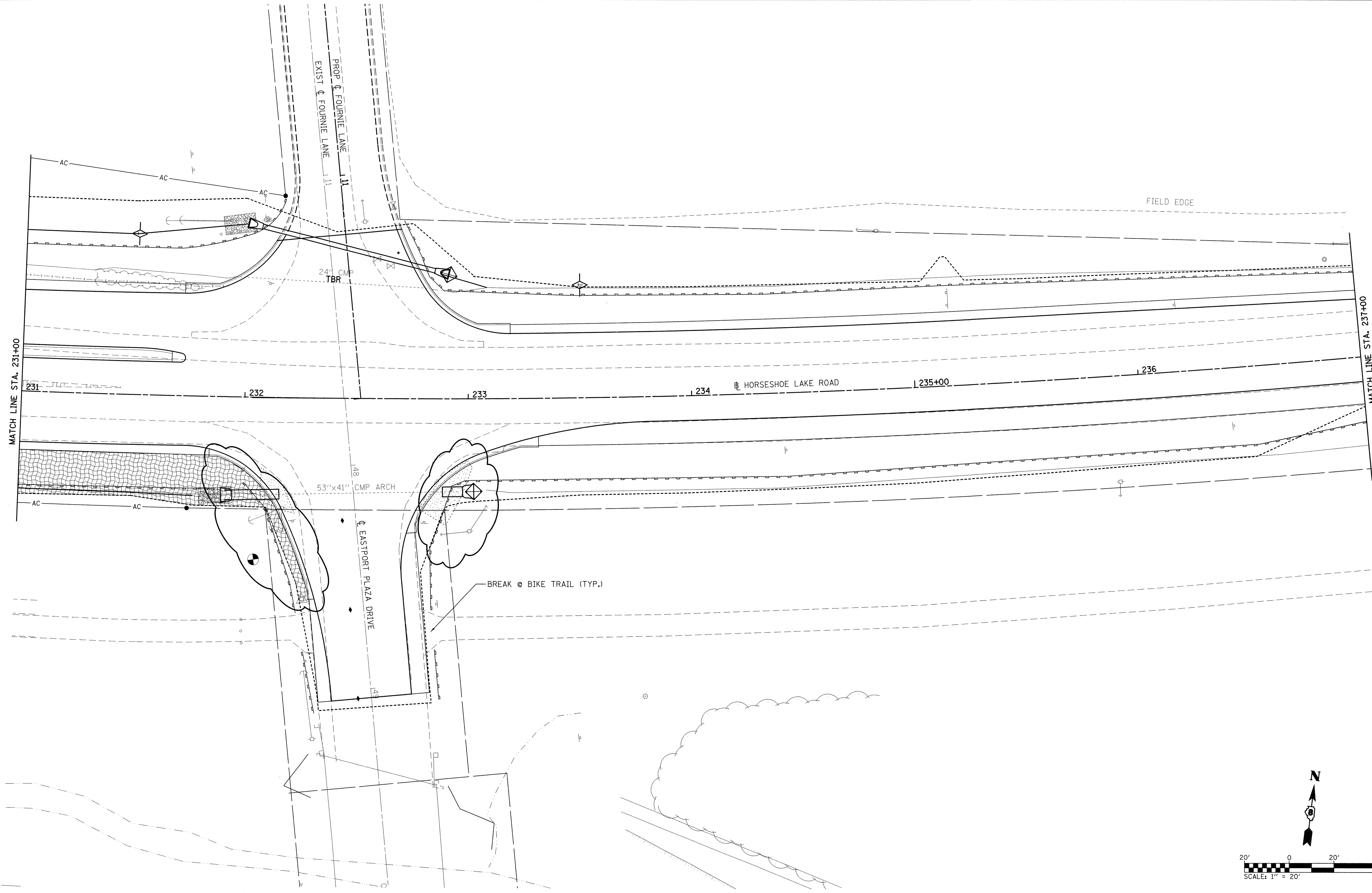
LEGEND



WORK AREA



FILE NAME = D:\stg004.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING STAGE IV HIGHWAY CONSTRUCTION			F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 20
	PLOT SCALE = 40,0000 ' / IN.	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET NO. 4	OF 4	SHEETS	STA.	TO STA.	CONTRACT NO. 76B22	
	PLOT DATE = 7/16/2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -		Rev. Sheet 7-17-08							



FILE NAME = D:\SWPP0A2.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORSESHOE LAKE ROAD STORM WATER POLLUTION PREVENTION PLAN SHEETS		F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 24
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 4 OF 5 SHEETS	STA. 231+00 TO STA. 237+00	CONTRACT NO. 76B22			
PLOT DATE = 7/16/2008	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

Rev. sheet 7-17-08

NW RADIUS RETURN				
PT. NO.	STATION	OFFSET		ELEVATION
1	11+03.12	(F) 10.49'	LT	420.31
2	10+98.98	(F) 10.66'	LT	420.36
3	10+89.16	(F) 12.48'	LT	420.47
4	10+79.90	(F) 16.21'	LT	420.59
5	10+71.57	(F) 21.71'	LT	420.70
6	10+64.33	(F) 28.94'	LT	420.82
7	10+58.86	(F) 37.22'	LT	420.94
8	10+55.12	(F) 46.48'	LT	421.05
9	231+82.39	(H) 46.99'	LT	421.16
10	231+72.32	(H) 46.00'	LT	421.28

(F) - FOURNIE LANE
(H) - HORSESHOE LAKE ROAD

NE RADIUS RETURN				
PT. NO.	STATION	OFFSET		ELEVATION
1	11+11.62	(F) 25.51'	RT	420.24
2	11+05.62	(F) 25.63'	RT	420.33
3	10+95.65	(F) 26.36'	RT	420.48
4	10+85.75	(F) 27.75'	RT	420.62
5	10+75.96	(F) 29.81'	RT	420.77
6	10+66.34	(F) 32.51'	RT	420.92
7	10+56.91	(F) 35.84'	RT	421.06
8	10+47.73	(F) 39.79'	RT	421.21
9	10+41.55	(F) 43.33'	LT	421.31
10	232+90.92	(H) 38.55'	LT	421.46
11	232+99.50	(H) 33.33'	LT	421.61
12	233+09.01	(H) 30.10'	LT	421.75
13	233+18.99	(H) 29.00'	LT	421.90

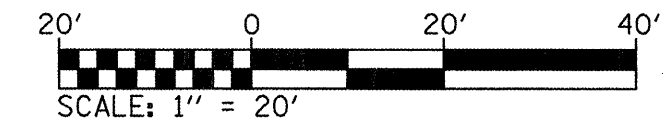
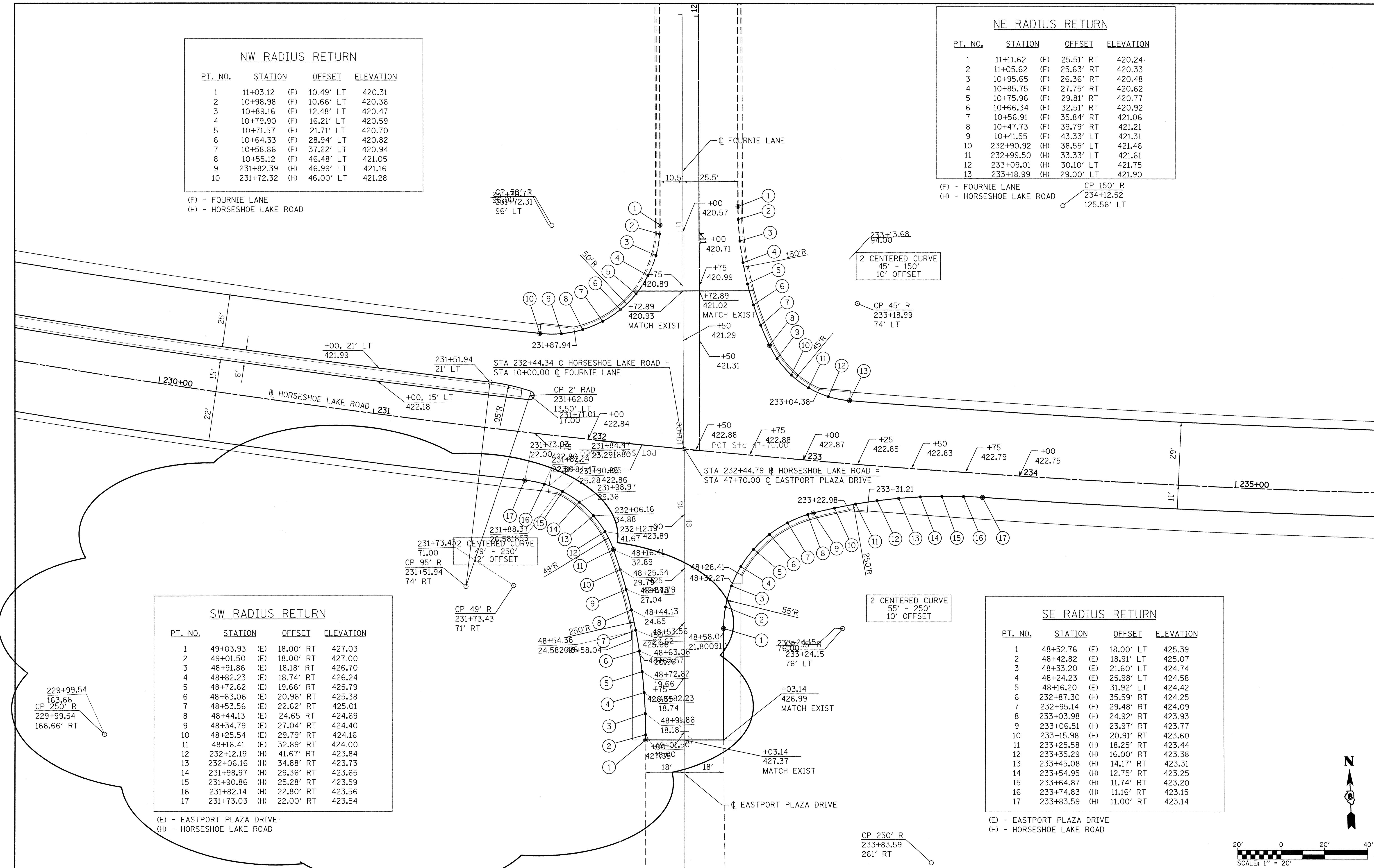
(F) - FOURNIE LANE
(H) - HORSESHOE LAKE ROAD

SW RADIUS RETURN				
PT. NO.	STATION	OFFSET		ELEVATION
1	49+03.93	(E) 18.00'	RT	427.03
2	49+01.50	(E) 18.00'	RT	427.00
3	48+91.86	(E) 18.18'	RT	426.70
4	48+82.23	(E) 18.74'	RT	426.24
5	48+72.62	(E) 19.66'	RT	425.79
6	48+63.06	(E) 20.96'	RT	425.38
7	48+53.56	(E) 22.62'	RT	425.01
8	48+44.13	(E) 24.65'	RT	424.69
9	48+34.79	(E) 27.04'	RT	424.40
10	48+25.54	(E) 29.79'	RT	424.16
11	48+16.41	(E) 32.89'	RT	424.00
12	232+12.19	(H) 41.67'	RT	423.84
13	232+06.16	(H) 34.88'	RT	423.73
14	231+98.97	(H) 29.36'	RT	423.65
15	231+90.86	(H) 25.28'	RT	423.59
16	231+82.14	(H) 22.80'	RT	423.56
17	231+73.03	(H) 22.00'	RT	423.54

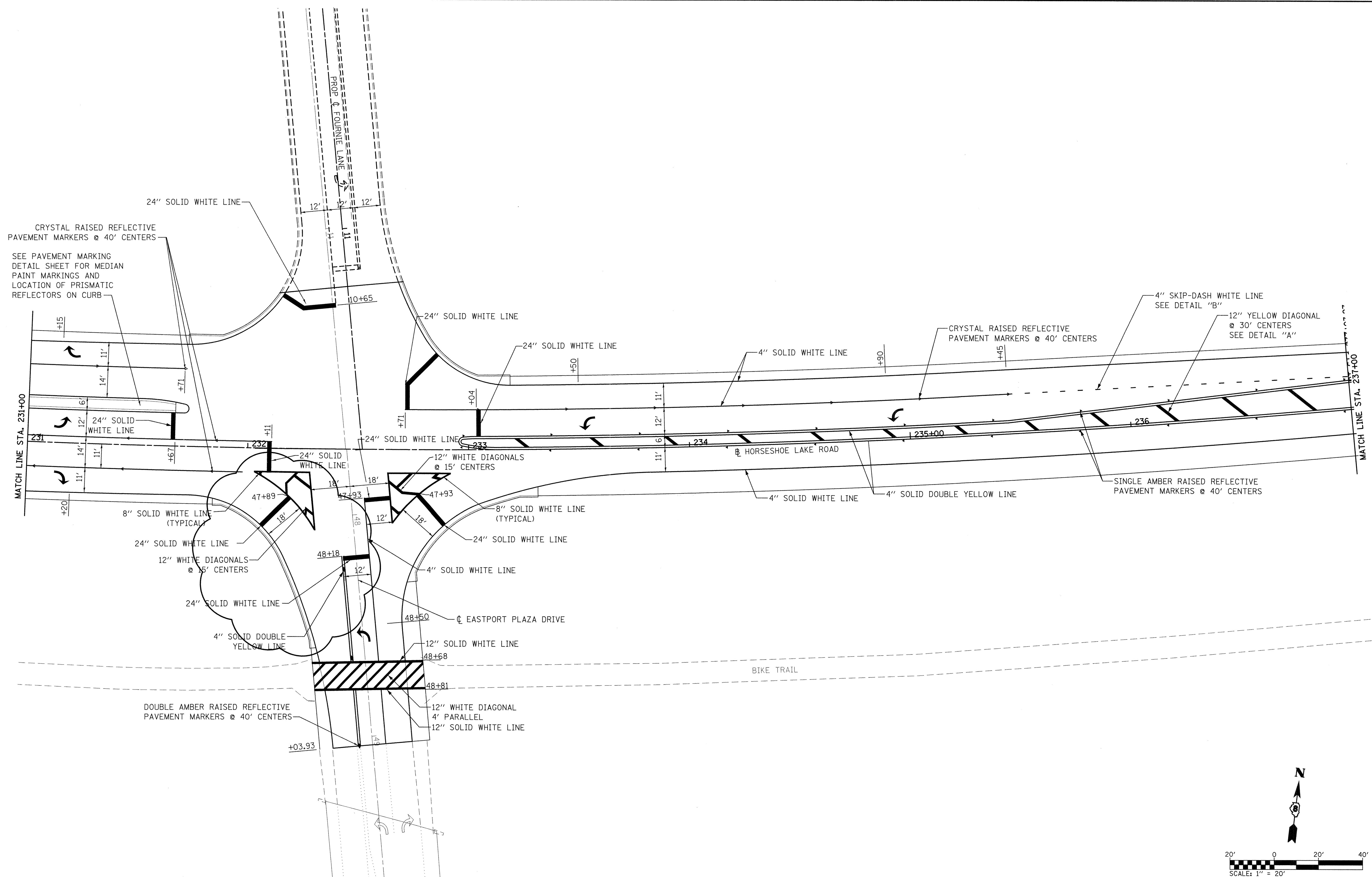
(E) - EASTPORT PLAZA DRIVE
(H) - HORSESHOE LAKE ROAD

SE RADIUS RETURN				
PT. NO.	STATION	OFFSET		ELEVATION
1	48+52.76	(E) 18.00'	LT	425.39
2	48+42.82	(E) 18.91'	LT	425.07
3	48+33.20	(E) 21.60'	LT	424.74
4	48+24.23	(E) 25.98'	LT	424.58
5	48+16.20	(E) 31.92'	LT	424.42
6	232+87.30	(H) 35.59'	RT	424.25
7	232+95.14	(H) 29.48'	RT	424.09
8	233+03.98	(H) 24.92'	RT	423.93
9	233+06.51	(H) 23.97'	RT	423.77
10	233+15.98	(H) 20.91'	RT	423.60
11	233+25.58	(H) 18.25'	RT	423.44
12	233+35.29	(H) 16.00'	RT	423.38
13	233+45.08	(H) 14.17'	RT	423.31
14	233+54.95	(H) 12.75'	RT	423.25
15	233+64.87	(H) 11.74'	RT	423.20
16	233+74.83	(H) 11.16'	RT	423.15
17	233+83.59	(H) 11.00'	RT	423.14

(E) - EASTPORT PLAZA DRIVE
(H) - HORSESHOE LAKE ROAD



FILE NAME = D:\ntdet\001.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL HORSESHOE LAKE RD/FOURNIE LANE/EASTPORT PLAZA DRIVE			F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 30
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 76B22				
	PLOT DATE = 7/16/2008	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -		Rev. Sheet 7-17-08							



CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CENTERS
 SEE PAVEMENT MARKING DETAIL SHEET FOR MEDIAN PAINT MARKINGS AND LOCATION OF PRISMATIC REFLECTORS ON CURB

24" SOLID WHITE LINE

4" SKIP-DASH WHITE LINE SEE DETAIL "B"

12" YELLOW DIAGONAL @ 30' CENTERS SEE DETAIL "A"

CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CENTERS

4" SOLID WHITE LINE

4" SOLID DOUBLE YELLOW LINE

SINGLE AMBER RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CENTERS

12" WHITE DIAGONALS @ 15' CENTERS

8" SOLID WHITE LINE (TYPICAL)

24" SOLID WHITE LINE

4" SOLID WHITE LINE

4" SOLID DOUBLE YELLOW LINE

12" SOLID WHITE LINE

12" WHITE DIAGONAL 4' PARALLEL 12" SOLID WHITE LINE

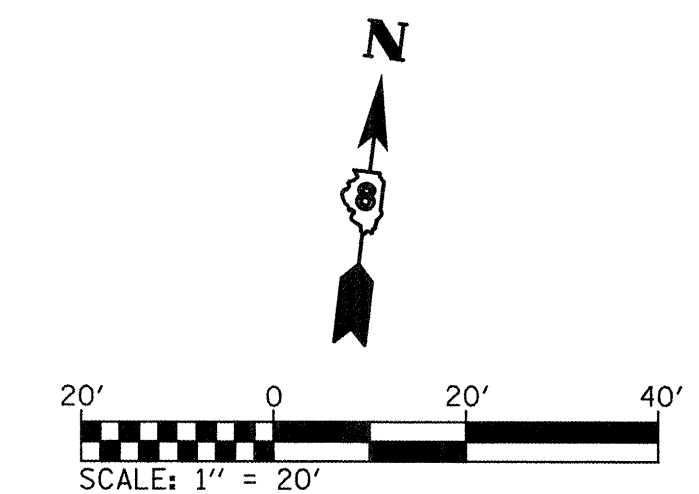
DOUBLE AMBER RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CENTERS

PROPOSED FOUR LANE ROAD

HORSESHOE LAKE ROAD

EASTPORT PLAZA DRIVE

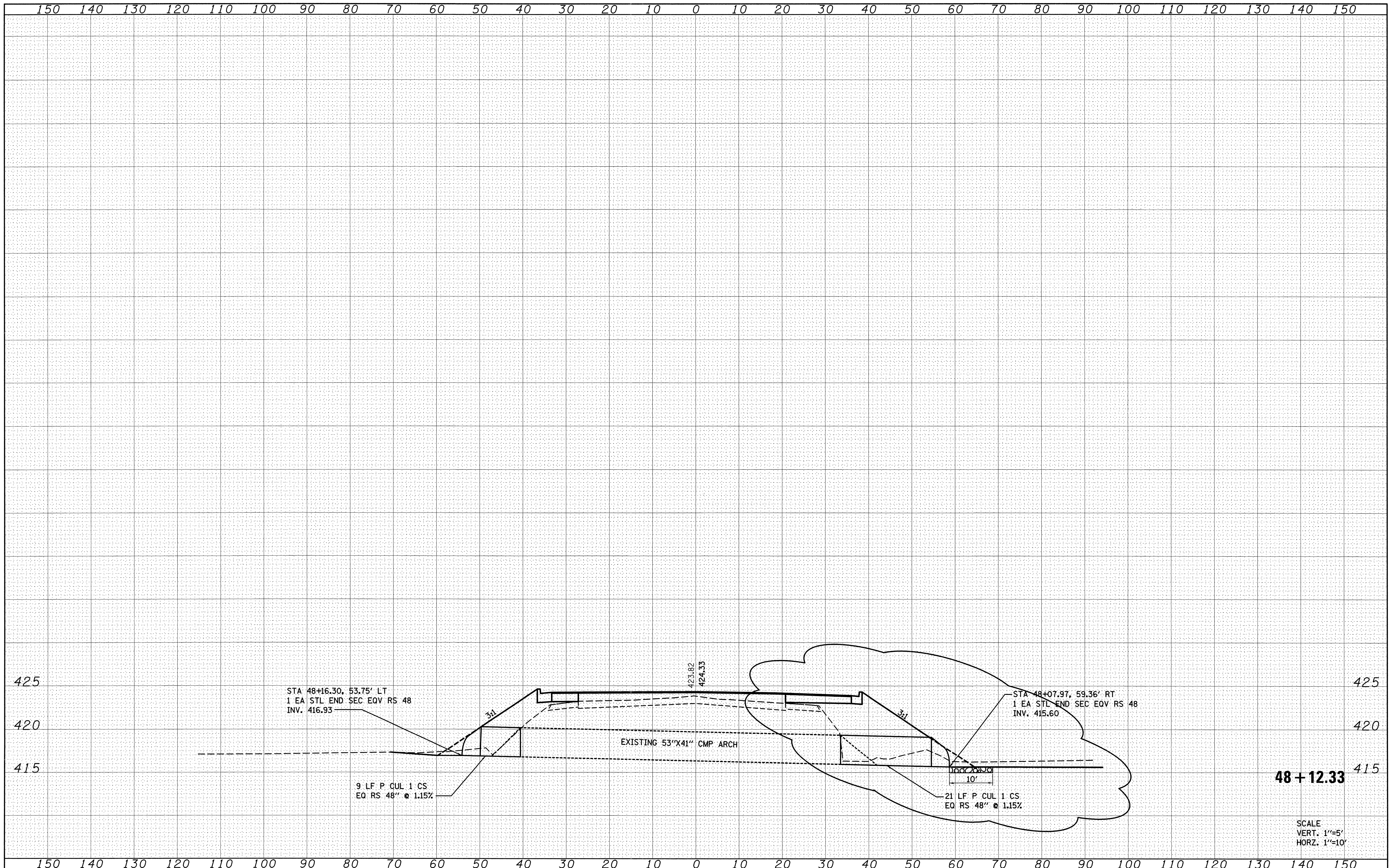
BIKE TRAIL



FILE NAME = D:\pvmrk0A2.dgn	USER NAME = conoverpj	DESIGNED -	REVISED - 7/14/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLANS			F.A.U. RTE. 9111	SECTION 73-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 32
	PLOT SCALE = 28,0000' / IN.	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 2 OF 4 SHEETS	STA. 231+00	TO STA. 237+00	CONTRACT NO. 76B22			
	PLOT DATE = 7/16/2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -		Rev. Sheet 7-17-08							

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

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



FILE NAME = D:\xsshtepdoo2.dgn

USER NAME = conover-pj
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 7/16/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED - 7/14/08
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EASTPORT PLAZA DRIVE CULVERT SECTION
Rev. Sheet 7-17-08

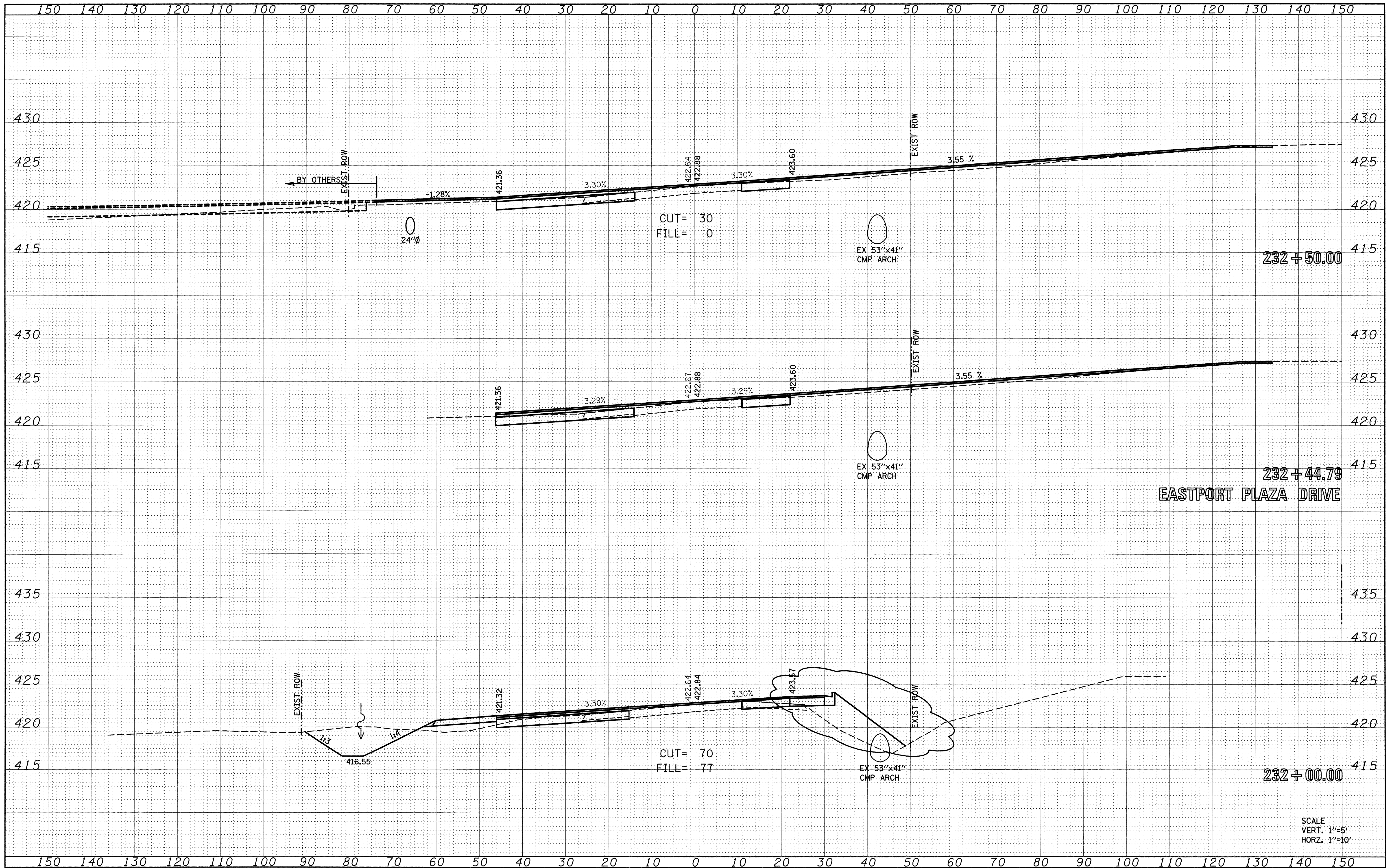
SCALE: SHEET NO. 1 OF SHEETS STA. 48+12.33 TO STA. 49+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9111	75-15TS	MADISON	64	49
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76B22				

SCALE
 VERT. 1"=5'
 HORZ. 1"=10'

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
REVISIONS	
NO.	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
REVISIONS	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



SCALE
VERT. 1"=5'
HORZ. 1"=10'

FILE NAME =
D:\sshtml0a2.dgn

USER NAME = conoverpj
DESIGNED -
DRAWN -
CHECKED -
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 7/14/08
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS HORSESHOE LAKE ROAD
SCALE: SHEET NO. 5 OF 10 SHEETS STA. 232+00.00 TO STA. 232+50.00
Rev Sheet 7-17-08

F.A.U. RTE. 9111	SECTION 75-15TS	COUNTY MADISON	TOTAL SHEETS 64	SHEET NO. 59
CONTRACT NO. 76B22			ILLINOIS FED. AID PROJECT	