

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

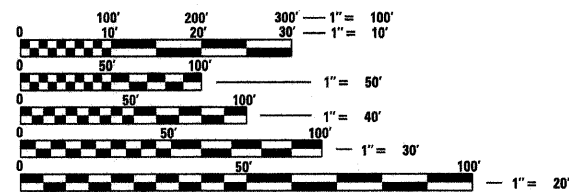
IDOT
PARK ROADS IMPROVEMENTS
ARGYLE LAKE STATE PARK
MCDONOUGH COUNTY
C-30-005-11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	46158	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

LEGEND:

- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- - - EXISTING DITCH
- PROPOSED INLET
- EXISTING SIGN
- ⊗ EXISTING LIGHT POLE
- ⊙ EXISTING WATER VALVE
- ⊙ EXISTING DECIDUOUS TREE
- ⊙ EXISTING POWER POLE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ EXISTING CATCH BASIN
- EXISTING INLET
- ⊙ EXISTING MANHOLE
- △ EXISTING FLARED END SECTION
- EXISTING BOLLARD
- ⊞ EXISTING JUNCTION BOX



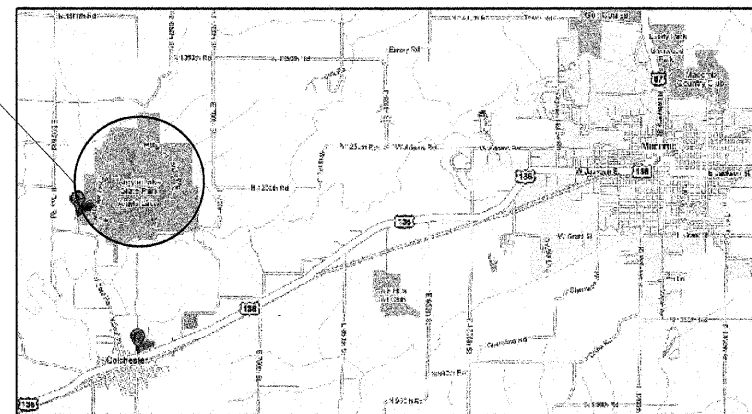
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER – ROBERT H. DALTON
PROJECT MANAGER – ROBERT H. DALTON

CONTRACT NO. 46158

PROPOSED IMPROVEMENT



ROBERT H. DALTON
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
12/17/10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 21, 2010
William R. Frey, Jr.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 4, 2011
Scott E. Stitt, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2011
Christine M. Reedle
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

- 1) ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY VASCONCELLES ENGINEERING CORP.
- 2) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- 3) THE CONTRACTOR SHALL CONTACT J.U.L.I.E. PRIOR TO ANY EXCAVATION TO HAVE ALL PUBLIC AND PRIVATE UTILITIES LOCATED.
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH UTILITY COMPANIES LISTED.
- 5) ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 6) ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.
- 7) THE BASELINES SHOWN THROUGHOUT THE PLANS IS A "BEST FIT" ALIGNMENT OF THE CENTER OF THE EXISTING ROADWAYS FOR THE PURPOSE OF STATIONING AND DETERMINATION OF OFFSETS. IN MOST CASES IT DOES NOT REPRESENT THE PHYSICAL CENTER OF THE EXISTING OR PROPOSED ROADWAY SURFACE. THE QUANTITIES COMPUTED FOR ARGYLE PARK ROAD WERE DETERMINED BASED UPON THE ACTUAL WIDTH OF THE EXISTING ROADWAY IN RELATION TO THE PROPOSED ROADWAY WIDTHS. THE PHYSICAL CENTERLINE OF THE PROPOSED ARGYLE PARK ROAD VARIES IN LOCATION TO ACHIEVE THE PROPOSED ROADWAY WIDTHS WITH THE LEAST INTERFERENCE WITH EXISTING TREES AND SLOPES. THE QUANTITIES COMPUTED FOR OTHER PROJECT ROADWAYS WERE DETERMINED BASED UPON THE ACTUAL WIDTH AND CENTER OF THE EXISTING ROADWAYS IN RELATION TO THE PROPOSED ROADWAY WIDTHS. THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, SHALL WORK TO ACHIEVE THE NOTED ROADWAY WIDTHS WITH THIS SAME CONCEPT OF THE LEAST INTERFERENCE WITH EXISTING TREES AND SLOPES.

INDEX OF SHEETS

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LIST OF STANDARDS

208001- TRENCH BACKFILL
280001-05 TEMPORARY EROSION CONTROL SYSTEMS
420701-02 PAVEMENT FABRIC
424001-05 CURB RAMPS FOR SIDEWALKS
542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
601001-04 SUB-SURFACE DRAINS
601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
602301-03 INLET-TYPE A
602306-03 INLET-TYPE B
602401-03 MANHOLE TYPE A
602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02 MANHOLE STEPS
604001-03 FRAME AND LIDS TYPE 1
604036-02 GRATE TYPE B
604101-01 MEDIAN INLET for 24" (600 mm) REINFORCED CONCRETE PIPE
604106-01 MEDIAN INLET for 36" (900 mm) REINFORCED CONCRETE PIPE
606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606101-04 TYPE A GUTTER (INLET, OUTLET, & ENTRANCE)
630001-09 STEEL PLATE BEAM GUARDRAIL
630101-09 GUARDRAIL MOUNTED ON EXISTING CULVERTS
631006-08 TRAFFIC BARRIER TERMINAL, TYPE 1B
631026-05 TRAFFIC BARRIER TERMINAL, TYPE 5
701001-02 OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03 OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-02 OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701901-01 TRAFFIC CONTROL DEVICES
720001-01 SIGN PANEL MOUNTING DETAILS
780001-02 TYPICAL PAVEMENT MARKINGS
BLR 21-8 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -				ARGYLE LAKE STATE PARK	MCDONOUGH	162	2
		CHECKED - T.T.P.	REVISED -							
		DATE - 12/09/10	REVISED -							
					SCALE: NONE	SHEET NO. 2 OF 162 SHEETS	STA.	TO STA.		CONTRACT NO. 46158
							FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

JOB NO. 250-061-B VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

SUMMARY OF QUANTITIES

Table with columns: CODE NO., PAY ITEM, UNITS, QUANTITY. Includes items like TREE REMOVAL, EARTH EXCAVATION, ROCK EXCAVATION, etc.

Table with columns: CODE NO., PAY ITEM, UNITS, QUANTITY. Includes items like PIPE CULVERTS, END SECTIONS, MANHOLES, etc.

Table with columns: CODE NO., PAY ITEM, UNITS, QUANTITY. Includes items like TREE, QUERCUS OCCIDENTALIS, QUERCUS ALBA, etc.

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USER NAME = #USER#
DESIGNED - R.H.D.
DRAWN - J.T.T.
CHECKED - T.T.P.
DATE - 12/09/10

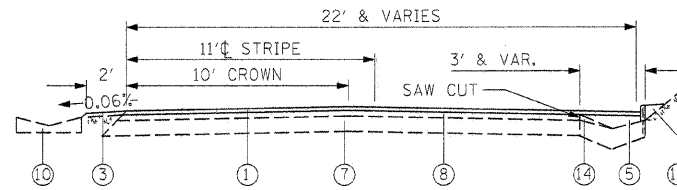
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARGYLE LAKE STATE PARK
SUMMARY OF QUANTITIES
SCALE: NONE SHEET NO. 3 OF 162 SHEETS STA. TO STA.

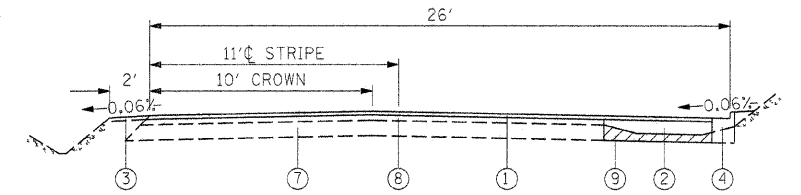
F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
ARGYLE LAKE STATE PARK MCDONOUGH 162 3
CONTRACT NO. 46158
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

LEGEND

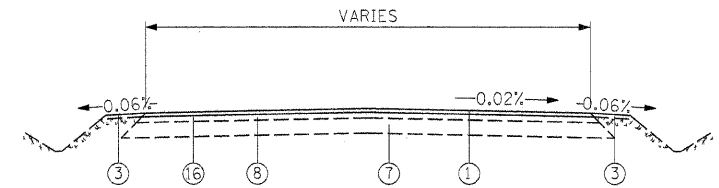
- ① PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N 70, 2"
- ② PROPOSED 10" AGGREGATE BASE COURSE
- ③ PROPOSED EARTH SHOULDERS
- ④ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
- ⑤ PROPOSED LEVELING BINDER HAND METHOD, N 70
- ⑥ PROPOSED AGGREGATE BASE COURSE TYPE B
- ⑦ EXISTING AGGREGATE BASE COURSE (UNKNOWN DEPTH)
- ⑧ EXISTING ASPHALT SURFACE (UNKNOWN DEPTH)
- ⑨ EXISTING GUTTER REMOVAL
- ⑩ EXISTING CONCRETE GUTTER
- ⑪ MILL SURFACE & LEAVE MILLINGS IN PLACE
- ⑫ PROPOSED CULVERT
- ⑬ EXISTING PARKING BLOCK
- ⑭ REMOVE EXISTING ASPHALT IN GUTTER (VARIOUS DEPTH)
- ⑮ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- ⑯ PROPOSED 4" AGGREGATE BASE COURSE
- ⑰ SCARIFY EXISTING SURFACE
- ⑱ REMOVE AND REINSTALL PARKING BLOCK



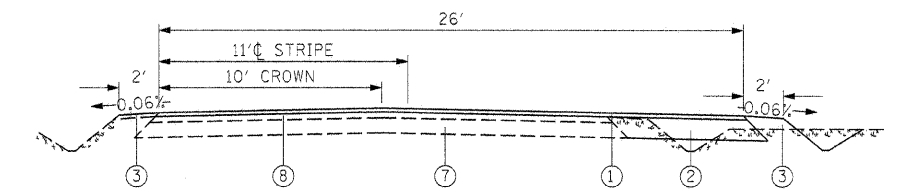
STA. 91+34 TO STA. 94+36
 STA. 95+30 TO STA. 96+10
 STA. 103+89 TO STA. 104+87
 STA. 139+00 TO STA. 140+55
 STA. 143+72 TO STA. 146+02
 STA. 150+60 TO STA. 152+94
 STA. 153+49 TO STA. 154+60
 STA. 155+64 TO STA. 157+36
 STA. 172+50 TO STA. 179+11
 STA. 180+13 TO STA. 186+54
 STA. 258+39 TO STA. 259+85



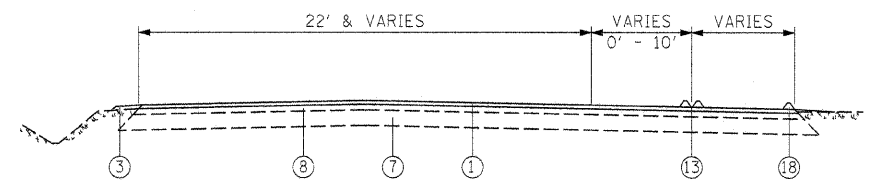
STA. 41+69 TO STA. 47+95



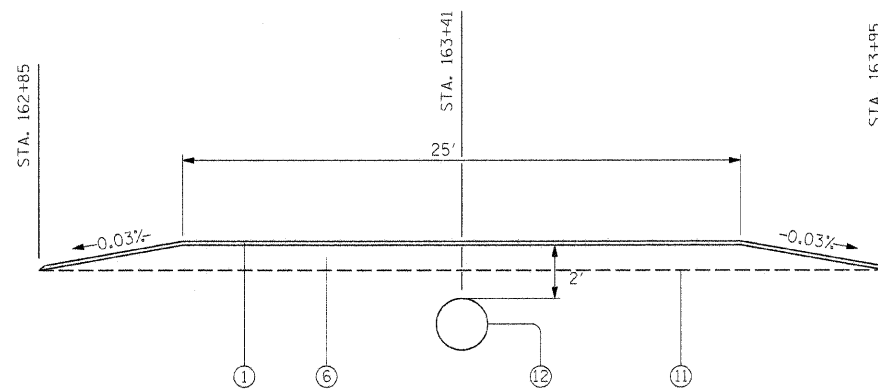
STA. 10+12.06 TO STA. 41+69



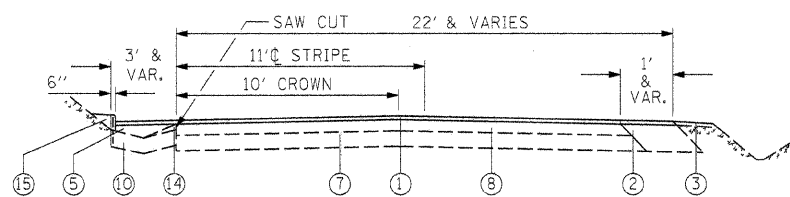
STA. 47+95 TO STA. 62+00



STA. 64+18 TO STA. 91+34
 STA. 94+36 TO STA. 95+30
 STA. 103+20 TO STA. 103+89
 STA. 104+87 TO STA. 130+00
 STA. 132+00 TO STA. 139+00

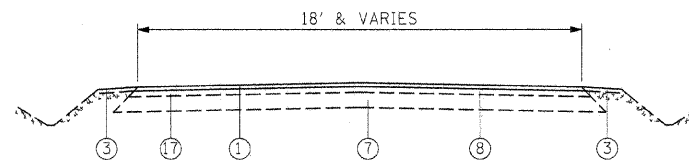


STA. 162+85 TO STA. 163+95



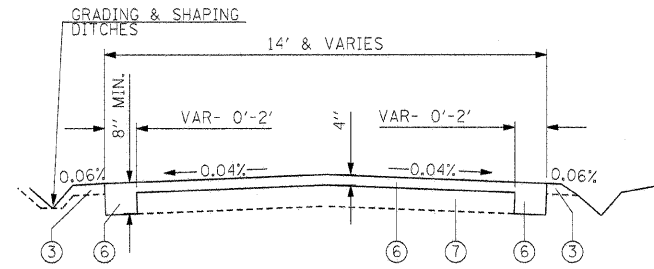
STA. 140+55 TO STA. 143+72
 STA. 146+02 TO STA. 150+60
 STA. 152+94 TO STA. 153+49
 STA. 154+60 TO STA. 155+64
 STA. 157+36 TO STA. 172+58
 STA. 179+11 TO STA. 180+13
 STA. 186+54 TO STA. 212+77
 STA. 223+97 TO STA. 247+00
 STA. 253+00 TO STA. 254+00
 STA. 254+00 TO STA. 258+39
 STA. 259+85 TO STA. 264+28
 STA. 264+28 TO STA. 266+33

BIG OAKS ROAD STA. 608+08 TO STA. 619+23 (20' WIDTH AND VARIES)

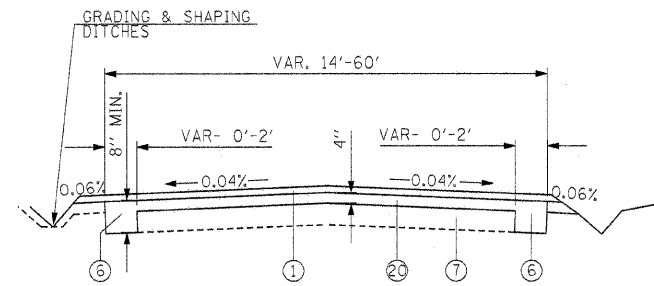


STA. 62+00 TO STA. 64+18
 STA. 130+00 TO STA. 132+00
 STA. 212+77 TO STA. 223+97
 STA. 247+00 TO STA. 253+00
 BIG OAKS ROAD STA. 600+15 TO STA. 603+68.16
 STA. 650+00 TO STA. 653+97

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK TYPICAL SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -		SCALE: VARIES	SHEET NO. 4 OF 162 SHEETS	STA. TO STA.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	4	
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



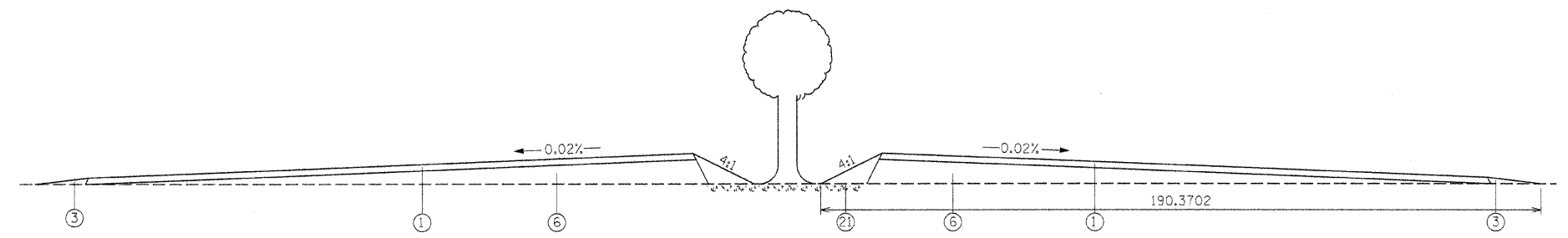
PRIMITIVE CAMPGROUND AREA STA. 320+00 TO STA. 326+22
 (ROAD RT. STA. 73+20)
 OAK FLATS ROAD STA. 409+11 TO STA. 446+37
 DOE RUN ROAD STA. 500+34 TO STA. 505+24
 BIG OAKS ROAD STA. 606+45 TO STA. 608+08
 STA. 670+44 TO STA. STA. 673+87
 EQUESTRIAN ACCESS ROAD STA. 700+14 TO STA. 710+85
 ROAD



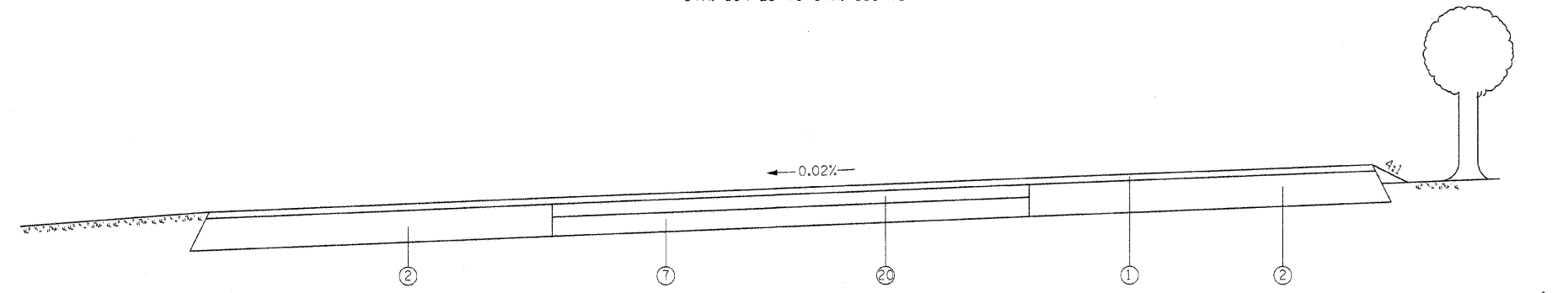
STA. 300+10 TO STA. 308+73
 STA. 330+11 TO STA. 334+23
 MAINTENANCE BUILDING STA. 800+12 TO STA. 803+37
 ACCESS ROAD

LEGEND

- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N 70, 2"
- 2 PROPOSED 10" AGGREGATE BASE COURSE
- 3 PROPOSED EARTH SHOULDERS
- 4 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
- 5 PROPOSED LEVELING BINDER HAND METHOD, N 70
- 6 PROPOSED AGGREGATE BASE COURSE TYPE B
- 7 EXISTING AGGREGATE BASE COURSE (UNKNOWN DEPTH)
- 8 EXISTING ASPHALT SURFACE (UNKNOWN DEPTH)
- 9 EXISTING GROUND
- 10 EXISTING PORTLAND CEMENT CONCRETE
- 11 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT - 6"
- 12 HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- 13 EXISTING GUTTER REMOVAL
- 14 EXISTING CONCRETE GUTTER
- 15 MILL SURFACE & LEAVE MILLINGS IN PLACE
- 16 PROPOSED CULVERT
- 17 EXISTING PARKING BLOCK
- 18 REMOVE EXISTING ASPHALT IN GUTTER (VARIOUS DEPTH)
- 19 PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- 20 PROPOSED 4" AGGREGATE BASE COURSE
- 21 SCARIFY EXISTING SURFACE
- 22 REMOVE AND REINSTALL PARKING BLOCK

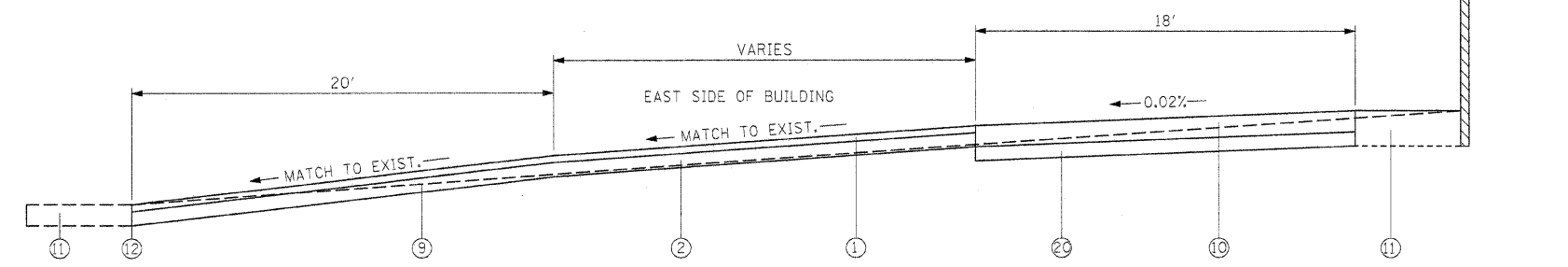


STA. 334+23 TO STA. 338+75

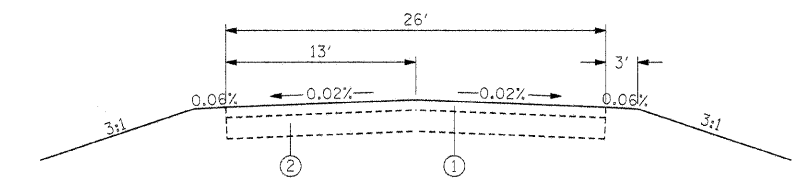
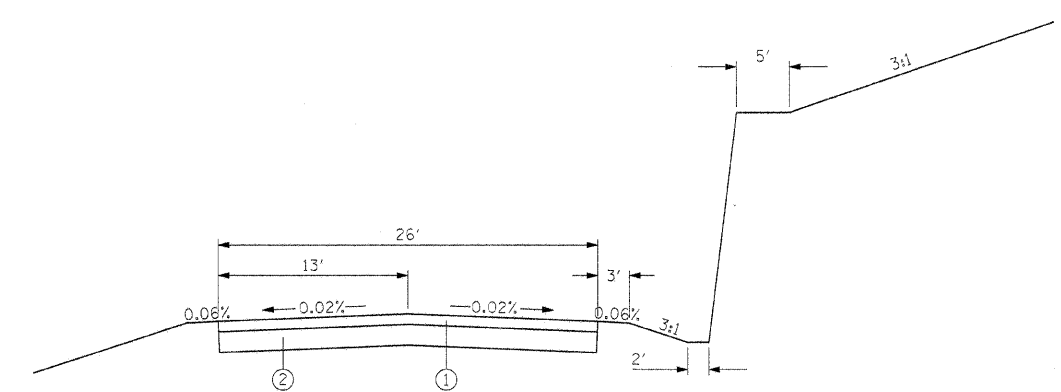


PARKING LOT LT STA. 302+27

*NOTE SAME ON OTHER SIDE



(A) 91 MAINTENANCE BUILDING SECTION



STA. 96+10 TO STA. 103+20
 STA. 254+00 TO STA. 258+67
 STA. 26 TO STA. 26

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK TYPICAL SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - S.D.K.	REVISED -		SCALE: 1" = 40'			ARGYLE LAKE STATE PARK	MCDONOUGH	162	5	
		CHECKED - T.T.P.	REVISED -		SHEET NO. 5 OF 162 SHEETS			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE														
LOCATION	STATION	TO STATION	BIT MATLS		HMA SC "C" N70	AGG. BASE CSE B	LEV HM N70	AGG. SURF CSE B	PCC PVT 6.0	PAVEMENT FABRIC	PROTECTIVE COAT	4 INCH SUB GRAN		EXC SPECIAL CU. YD.
			PR CT	CT								MAT		
			GAL.	TON								B 4	AREA	
	STA. 900+09 TO STA. 903+37													
	4" BASE COURSE					439.2								
	8" BASE COURSE					188.3								
	ASPHALT SURFACE		711.3		212.5									
RT	902+50 TO 902+77								42.7	42.7	42.7	42.7	116.0	
	STA. 1100+13 TO STA. 1101+81.06													
		110013.0	110181.1	156.4		46.4	246.4							148.0
	RETURN, RADIUS (FT) =		30.0											
	SPANDRIL, 90 DEG. VALUE =		0.2	8.0	2.4	12.2								
	RETURN, RADIUS (FT) =		30.0											
	SPANDRIL, 90 DEG. VALUE =		0.2	8.0	2.4	12.2								
	PARKING LOT													
		110181.1	110246.0	211.1		63.1								20.0
	PARKING LOT													
		126428.0	126550.0	117.8		35.2			35.6	35.6	35.6	35.6	9.8	
		126550.0	126634.0	81.0		24.0			40.7	40.7	40.7	40.7	11.3	
	STA. 1263+44.82 TO STA. 1266+40													
		126344.8	126414.0	64.4		19.1	101.4							
		126414.0	126550.0	126.6		37.5								
		126550.0	126640.0	83.8		24.8								
	RETURN, RADIUS (FT) =		30.0											
LT	SPANDRIL, 90 DEG. VALUE =		0.2	8.0	2.4	12.2								
	RETURN, RADIUS (FT) =		30.0											
RT	SPANDRIL, 90 DEG. VALUE =		0.2	8.0	2.4	12.2								
	PARKING LOT													
LT		126428.0	126550.0	198.4		59.2			35.6	35.6	35.6	35.6	9.8	
		126550.0	126634.0	92.2		27.4			35.6	35.6	35.6	35.6	9.8	
	CAMPGROUND AREA													
RT	STA. 73+50													
	4" SURFACE COURSE							379.0						
	8" SURFACE COURSE							49.0						
	OAK FLATTS ROAD													
	4" SURFACE COURSE							233.6						
	8" SURFACE COURSE							156.6						
	CONCRETE SIDEWALKS THROUGHOUT PROJECT											73.2		
	TOTAL =			37416.3	26.8	11113.9	16505.5	262.8	4054.7	585.4	585.4	658.6	658.4	1613.4

BRIDGE/BOX CULVERT SCHEDULE										
LOCATION	STATION	TO STATION	REM/DES		NAME	CONC BOX	C&D LEAD	CLEAN & PT	GRAN	ROCK FILL
			UNS MATL	REINFORCEMENT						
	9900	10050	247	32560	1	169			162	445
	13500	13600		5360	1	29			62	
	21350	21450						1	1	
	TOTAL		247	37920	2	197	1	1	224	445

MISCELLANEOUS SCHEDULE									
LOCATION	STATION	TO STATION	ADJ SAN		WOOD BRIDGE	ENTRANCE	MIX CR JTS	MOBILIZATION	TRAF
			SEWER	8 LESS					
	4820	4854	45.0						
	4871	4887		30.0					
ENTIRE PROJECT					1	1	40	1	1
	TOTAL		45.0	30.0	1	1	40	1	1

DRAINAGE REMOVAL SCHEDULE

STATION(S)	PIPE		FILL		DEBRIS REMOVAL (LENGTH ALONG CENTERLINE OF ROAD)								GRADE & SHAP		REMOV		REM REPL		CONC			
	CULVERT		EXIST		0' - 3'			OVER 3'			AVG.		LOW		HIGH		DITCH	MANHOLES		INLETS	RIPRAP	HDWL
	REMOV	SIZE	CULVERTS	SIZE	LENGTH	DEEP	DEEP	DEPTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH						
LT. 10+25	16	12																				
LT. 11+07	23	12																				
20+23	48	15																				
32+24	40	15																				
LT. 35+23	136	12																				
LT. 36+60 - 37+75																						
RT. 39+65 - 39+68																						
RT. 39+85	54	8																				
RT. 40+05 - 40+06																						
LT. 41+14	42	12																				
LT. 41+62																						
48+91	122	EQV 54																				
LT. 50+15 - 50+53																						
LT. 50+53 - 51+02																						
50+61	66	21																				
LT. 51+75 - 56+00																						
LT. 56+53 - 56+55																						
LT. 56+66																						
LT. 57+02	108	15																				
57+65	100	30																				
RT. 57+77 - 58+13																						
LT. 58+59 - 59+65																						
59+47	100	12																				
LT. 59+65 - 60+25																						
LT. 60+25 - 61+80																						
LT. 71+50 - 72+50																						
LT. 72+50 - 73+10																						
LT. 98+28 - 98+91																						
LT. 99+23 - 99+72																						
100+29	47	30																				
100+34	48	30																				
100+81	38	48																				
100+87	38	48																				
101+41			1	48	36																	
101+47			1	48	36																	
101+54			1	48	38																	
129+53	67	18																				
132+34	46	18																				
135+63	33	54																				
135+71	33	54																				
137+17	88	30																				
149+68	48	30																				
150+19			1	30	72																	
152+00			1	24	140	18.0																
153+19	48	18																				
LT. 157+75 - 158+96																						
LT. 159+07	20	15																				
LT. 159+17 - 159+50																						
LT. 159+50 - 164+50																						
RT. 160+50 - 164+00																						
163+41	25	12																				
179+46	52	30																				
212+28	66	12																				
LT. 222+85 - 224+00																						
LT. 224+10	20	8																				
LT. 224+20 - 225+50																						
LT. 226+90 - 228+50																						
227+76	26	12																				
242+05	54	15																				
248+86			1	24	124	75.3	3.5	3	3	18	21											
252+37	56	42																				
252+44	56	42																				
257+70	54	24																				
RT. 281+75 - 1264+37																						
300+17	32	12																				
303+89	22	15																				
LT. 321+80																						
321+82	38	24																				
323+94	32	24																				
601+85	62	12																				
603+63	57	12																				
651+79	30	12																				
RT. 900+75 - 902+35																						
RT. 902+19 - 902+23																						

DRAINAGE REMOVAL SCHEDULE

STATION(S)	PIPE		FILL		DEBRIS REMOVAL (LENGTH ALONG CENTERLINE OF ROAD)								GRADE & SHAP		REMOV		REM REPL		CONC			
	CULVERT		EXIST		0' - 3'			OVER 3'			AVG.		LOW		HIGH		DITCH	MANHOLES		INLETS	RIPRAP	HDWL
	REMOV	SIZE	CULVERTS	SIZE	LENGTH	DEEP	DEEP	DEPTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH						
EQUESTRIAN CAMPGROUND																						
706+68 - 710+06																					338	
710+18 - 710+55																					37	
710+53 - 710+84	38	15																				
MAINTENANCE BUILDING ACCESS ROAD																						
800+28	32	15																				
1264+44	10	4																				
RT. 1265+31 - 1266+50																					119	
RT. 1100+19 - 1101+81																					82	
LT. 1100+22 - 1101+88																					166	
TOTAL =	2169	899	6	222	446	83.4	247.4	47.5	30.5	21.5	156	121	4016	1	1	23.7	1					

REPLACEMENT TREE SCHEDULE

TREE (COMMON NAME)	SIZE	EACH
PERSIMMON	3 GALLON	10
GREEN MOUNTAIN SUGAR MAPLE	2"	10
SHAGBARK HICKORY	2"	15
PRAIRIE PRIDE HACKBERRY	2"	20
KENTUCKY COFFEETREE	2 1/2"	30
SYCAMORE	2 1/2"	10
WHITE OAK	2"	30
SWAMP WHITE OAK	2"	30
BUR OAK	2"	35
CHINKAPIN OAK	2"	30
RED OAK	2 1/2"	15
COMMON BALDCYPRESS	8" B&B	7
SHADBLOW SERVICEBERRY	6 - 8" B&B	10
THORN LESS COCKSPUR HAWTHORN	1 3/4"	7
PRAIRIFIRE CRABAPPLE	1 3/4"	10
EASTERN WHITE PINE	6 - 8" B&B	10
TOTAL=		279

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			P.R.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	11
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			[ILLINOIS] FED. AID PROJECT				
				SCALE:	SHEET NO. 11 OF 162 SHEETS	STA.	TO STA.			

CURB & GUTTER SCHEDULE						
LOCATION	STATION	TO STATION	COMB	CONC	CAST IN PLACE	CLASS SI
			T&B.12	CURB SPL	CONCRETE WALL	CONC
			FOOT	FOOT	SQ. FT.	CU. YD.
RT	4169	4350	181			
RT	4350	4743	393			
RT	4743	4800				4
LT	91+34				9.1	
LT	9134	9436		302		
RT	91+35				9.1	
RT	9135	9550		415		
LT	94+36				9.1	
LT	95+30				9.1	
LT	9530	9550		20		
LT (EXIST. ALIGN.)	9550	9610		60		
RT (EXIST. ALIGN.)	9550	9610		60		
LT (EXIST. ALIGN.)	96+10				9.1	
RT (EXIST. ALIGN.)	96+10				9.1	
LT	103+89				9.1	
LT	10389	10487		98		
LT	104+87				9.1	
LT	139+00				9.1	
LT	13900	14055		155		
RT	139+09				9.1	
RT	13909	14074		165		
LT	140+55				9.1	
RT	140+74				9.1	
LT	143+72				9.1	
RT	143+72				9.1	
LT	14372	14425		53		
RT	14372	14425		53		
LT	14425	14493		68		
RT	14425	14602		177		
LT	144+93				9.1	
RT	146+02				9.1	
RT	150+60				9.1	
RT	15060	15294		234		
RT	152+94				9.1	
LT	153+49				9.1	
LT	15349	15425		76		
LT	15425	15460		35		
LT	154+60				9.1	
LT	15564	15736		172		
LT	155+64				9.1	
LT	157+36				9.1	
RT	17258	17458		200		
RT	172+58				9.1	
LT	173+25				9.1	
LT	17325	17575		250		
RT	174+58				9.1	
LT	17575	17911		336		
LT	179+11				9.1	
LT	18013	18150		137		
LT	180+13				9.1	
LT	18150	18654		504		
LT	186+54				9.1	
RT	25839	25985		146		
RT	258+39				9.1	
RT	259+85				9.1	
			TOTAL	574	3716	273

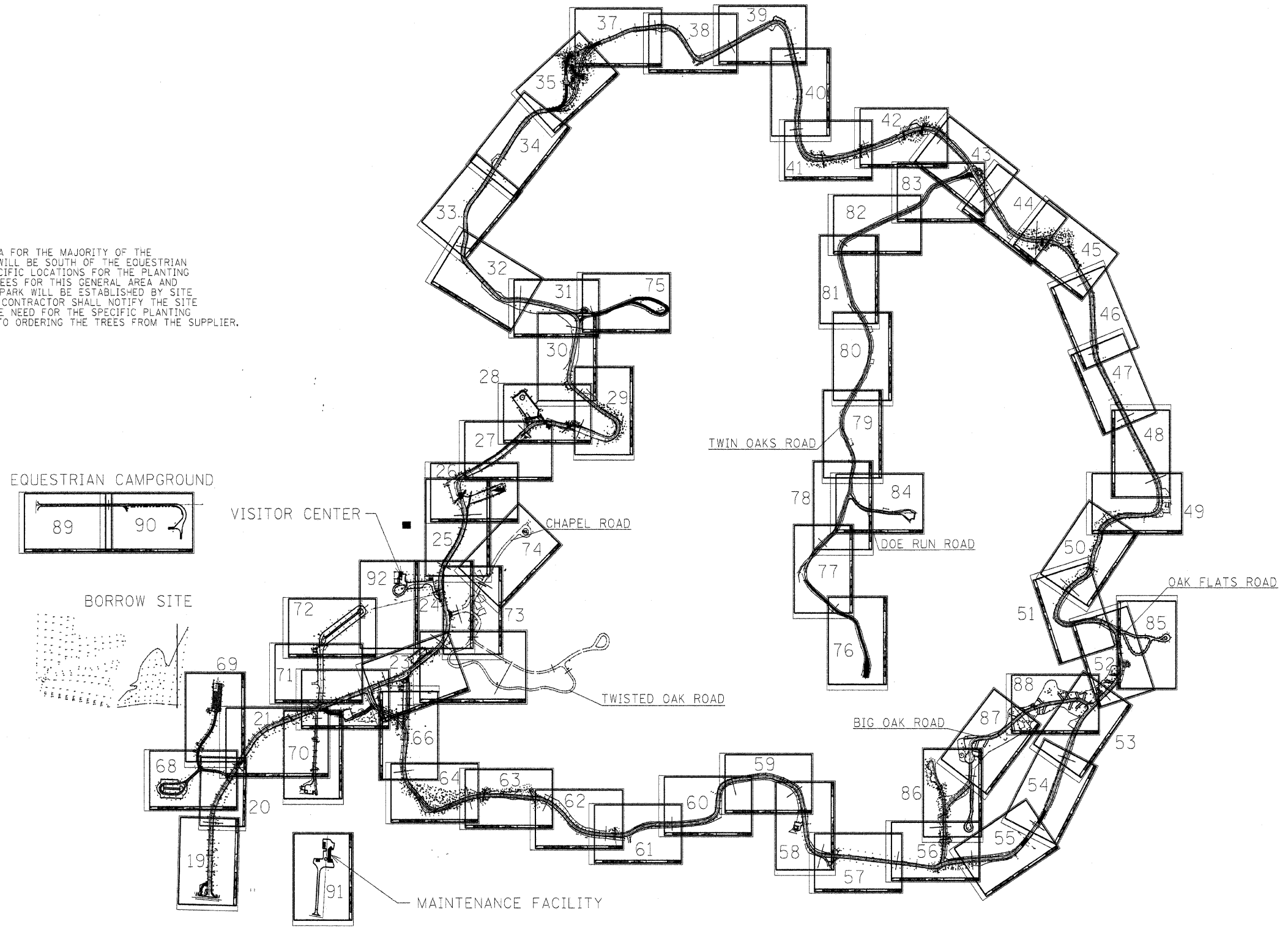
SIDEWALK SCHEDULE				
LOCATION	STATION	TO STATION	PC CONC	DETECTABLE
			SIDEWALK 5	WARNINGS
			SQ. FT.	SQ. FT.
MAIN ROAD PARKING AREAS				
LT	5640	5651	226	
LT.	5641	5652		22
RT.	5641	5652		22
LT	5657	5677	318.2	
LT	14222	14233	45	
LT	14245	14256	45	
LT	19113	19121	45	
LT	19130	19137	45	
LT	22357	22364	45	
LT	22363	22367	45	
LT.	126442	126447	10	10
RT	126442	126447	10	10
LT	126582	126591	45	
LT	126603	126612	45	
SIDE ROADS				
RT MAIN ROAD STATION 73+27 TO 73+37				
RT	7327	7334	65	
RT	7337	7343	65	
LT	30656	30666	45	
LT	30684	30693	45	
LT	32048	32058	45	
LT	32069	32079	45	
LT	33394	33429	375	
BIG OAK ROAD				
RT	60845	60855	45	
RT	60953	60959	25	
LT	61474	61482	40	10
LT	61494	61503	45	10
VISITOR CENTER ACCESS ROAD				
RT	90259	90280	384	
		TOTAL	2148.2	84

STRIPING SCHEDULE						
LOCATION	STATION	TO STATION	PAIN PVT MK	PAIN PVT MK	PAIN PVT MK	PT PVT MK
			LINE 4	LINE 6	LINE 24	LTRS & SYMB
			FOOT	FOOT	FOOT	SQ. FT.
MAIN ROAD						
LT.	1024					19
LT.	3547	3635		162		
RT.	3982	4000				18
RT.	4819	4848			99	
RT.	4854	4885			526	
RT.	4887					9.2
RT.	5162	5175			23	
RT.	5175	5580			865	
	5641	5653			158	
LT.	5659	5716			958	
LT.	5665	5682				9.2
LT.	5672	5713			320	
RT.	5988	6025			115	
RT.	6025	6265			792	
LT.	6825	6856			90	
	7315	7339			203	9.2
LT.	9032	9079			108	
LT. (PROPOSED)	9904	9927			54	
LT.	11783	11796			36	
LT.	13632	13683			126	
LT.	14183	14219			90	
LT.	14258	14274				4.6
LT.	14283	14319			200	
LT.	17134	17179			236	
LT.	17144					4.6
LT.	22010	22057			189	
LT.	22359	22384			146	
LT.	22363	22384				4.6
LT.	126442	126447			308	
RT.	126442	126447			90	
LT.	126455	126550			396	
LT.	126428	126446				4.6
LT.	126550	126624			236	
LT.	126581	126597				4.6
	1025	26680	6413.8			15
SIDERoads						
LT.	30025					8
LT.	30219	30262			972	
LT.	30666	30691				4.6
LT. RT.	30677	30838			704	
LT.	33027					16
LT.	33189	33372			131	
LT.	33393	33411			238	
LT.	33407					4.6
LT.	33424					4.6
LT. RT.	33511	33829			1228	
BIG OAKS ROAD						
LT.	60033					8
LT.	60807	60953			126	
RT.	61906					22
	60900	61900	250			
LT.	65260	65379			162	
MAINTENANCE BUILDING OFFICE ACCESS ROAD						
LT.	80032					10
LT.	80450	80505			200	
LT.	80485	80504				4.6
VISITOR CENTER ACCESS ROAD						
LT.	90019					19
RT.	90109	90277			493	
RT.	90252	90269				4.6
	110180	110245			234	
TWISTED OAK ROAD						
		300	75			
CHAPEL ROAD						
		600	150			
		TOTAL =	6888.8	11016	135	73.6

EXCAVATION SCHEDULE							
LOCATION	STATION	TO STATION	EARTH	ROCK	CHANNEL	BORROW	TOPSOIL
			EXCAVATION	EXCAVATION	EXCAVATION	EXCAVATION	EMBANKMENT
			CU YD	CU YD	CU YD	CU YD	CU YD
	10+12	48+16	3565.0				435
	96+00	103+30	3.0				1223
	252+50	266+96	1650.0	2675.0			973.0
	1000+00	1003+10			540		
	2000+00	2000+77			151		
	5000+29.58	5004+50				8371	1407
		TOTAL	5218.0	2675.0	691.0	8371.0	16130.0

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -					ARGYLE LAKE STATE PARK	MCDONOUGH	162	17	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -					SCALE:	SHEET NO. 17 OF 162 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

THE GENERAL AREA FOR THE MAJORITY OF THE TREE PLANTINGS WILL BE SOUTH OF THE EQUESTRIAN CAMPGROUND. SPECIFIC LOCATIONS FOR THE PLANTING OF INDIVIDUAL TREES FOR THIS GENERAL AREA AND THROUGHOUT THE PARK WILL BE ESTABLISHED BY SITE PERSONNEL. THE CONTRACTOR SHALL NOTIFY THE SITE PERSONNEL OF THE NEED FOR THE SPECIFIC PLANTING LOCATION PRIOR TO ORDERING THE TREES FROM THE SUPPLIER.



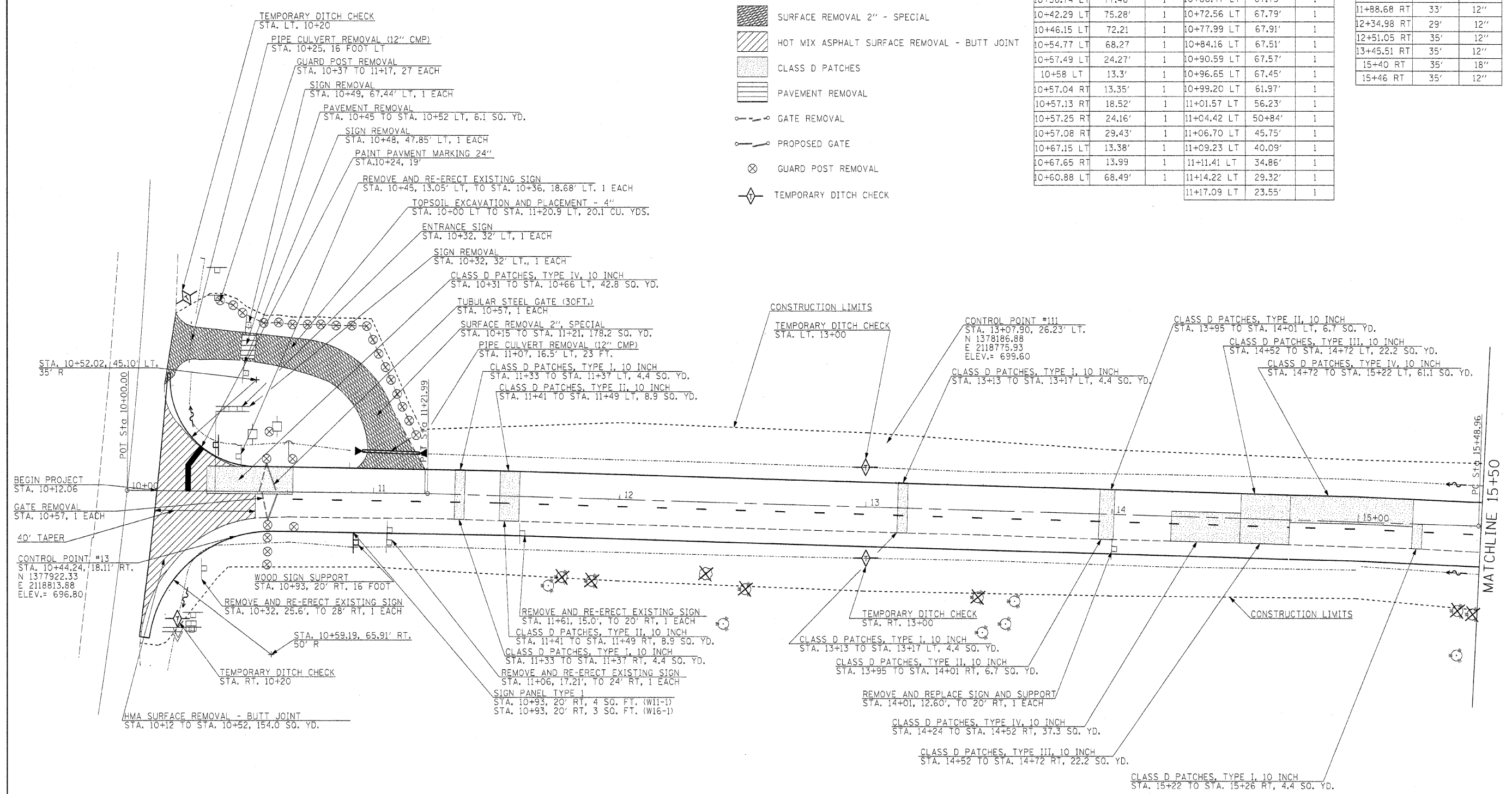
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	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -		SCALE: 1" = 400'	SHEET NO. 18 OF 162 SHEETS	STA.	TO STA.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	18
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -						CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -						ILLINOIS FED. AID PROJECT			








- SURFACE REMOVAL 2" - SPECIAL
- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- PAVEMENT REMOVAL
- GATE REMOVAL
- PROPOSED GATE
- GUARD POST REMOVAL
- TEMPORARY DITCH CHECK

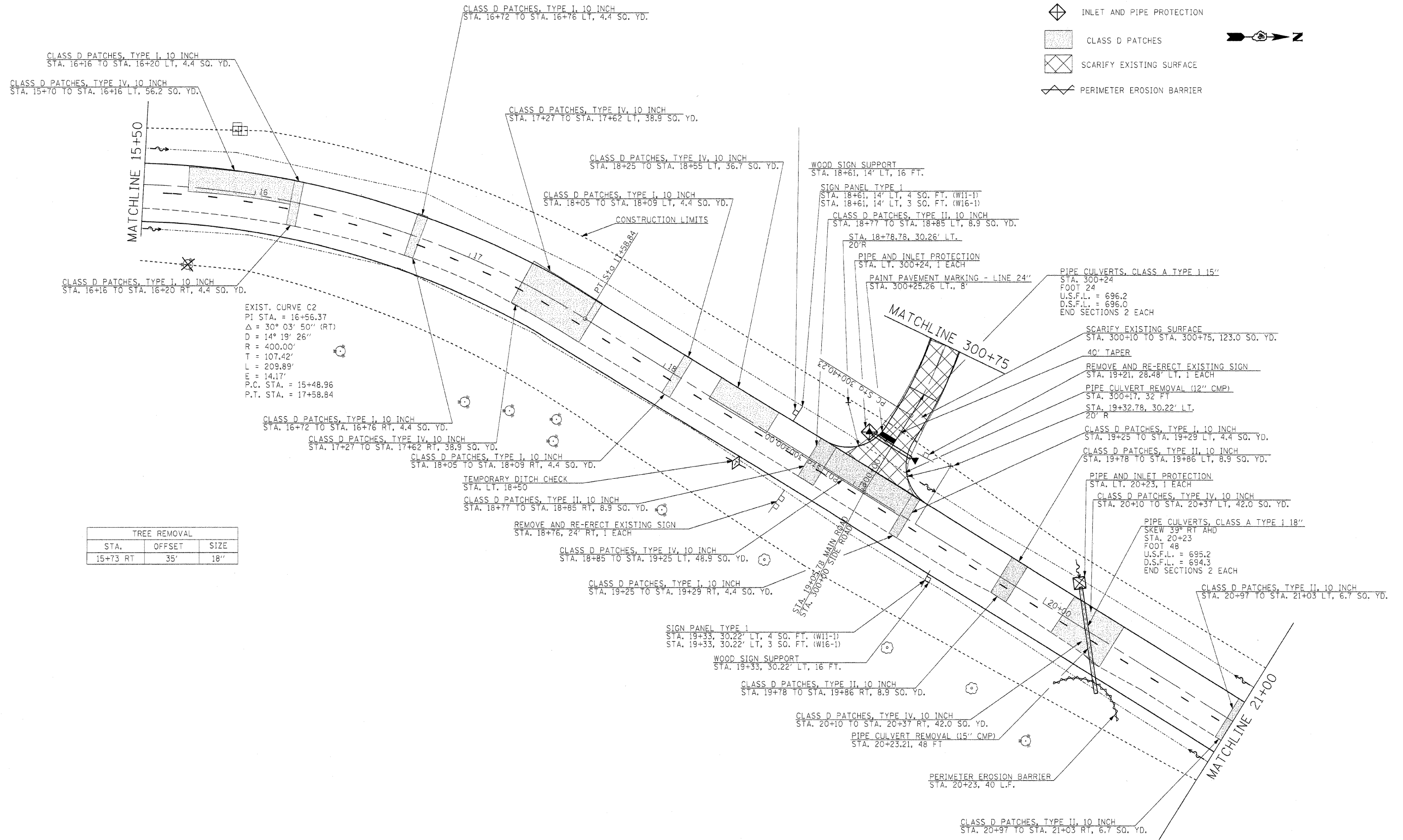
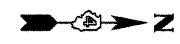
GUARD POSTS REMOVAL			GUARD POSTS REMOVAL		
STA.	OFFSET	EACH	STA.	OFFSET	EACH
10+36.74	LT 77.46'	1	10+66.47	LT 67.75'	1
10+42.29	LT 75.28'	1	10+72.56	LT 67.79'	1
10+46.15	LT 72.21'	1	10+77.99	LT 67.91'	1
10+54.77	LT 68.27'	1	10+84.16	LT 67.51'	1
10+57.49	LT 24.27'	1	10+90.59	LT 67.57'	1
10+58	LT 13.3'	1	10+96.65	LT 67.45'	1
10+57.04	RT 13.35'	1	10+99.20	LT 61.97'	1
10+57.13	RT 18.52'	1	11+01.57	LT 56.23'	1
10+57.25	RT 24.16'	1	11+04.42	LT 50+84'	1
10+57.08	RT 29.43'	1	11+06.70	LT 45.75'	1
10+67.15	LT 13.38'	1	11+09.23	LT 40.09'	1
10+67.65	RT 13.99'	1	11+11.41	LT 34.86'	1
10+60.88	LT 68.49'	1	11+14.22	LT 29.32'	1
			11+17.09	LT 23.55'	1

TREE REMOVAL		
STA.	OFFSET	SIZE
11+76.52	RT 32'	6"
11+88.68	RT 33'	12"
12+34.98	RT 29'	12"
12+51.05	RT 35'	12"
13+45.51	RT 35'	12"
15+40	RT 35'	18"
15+46	RT 35'	12"



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	19	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 19 OF 162 SHEETS		STA. 10+00 TO STA. 15+50		

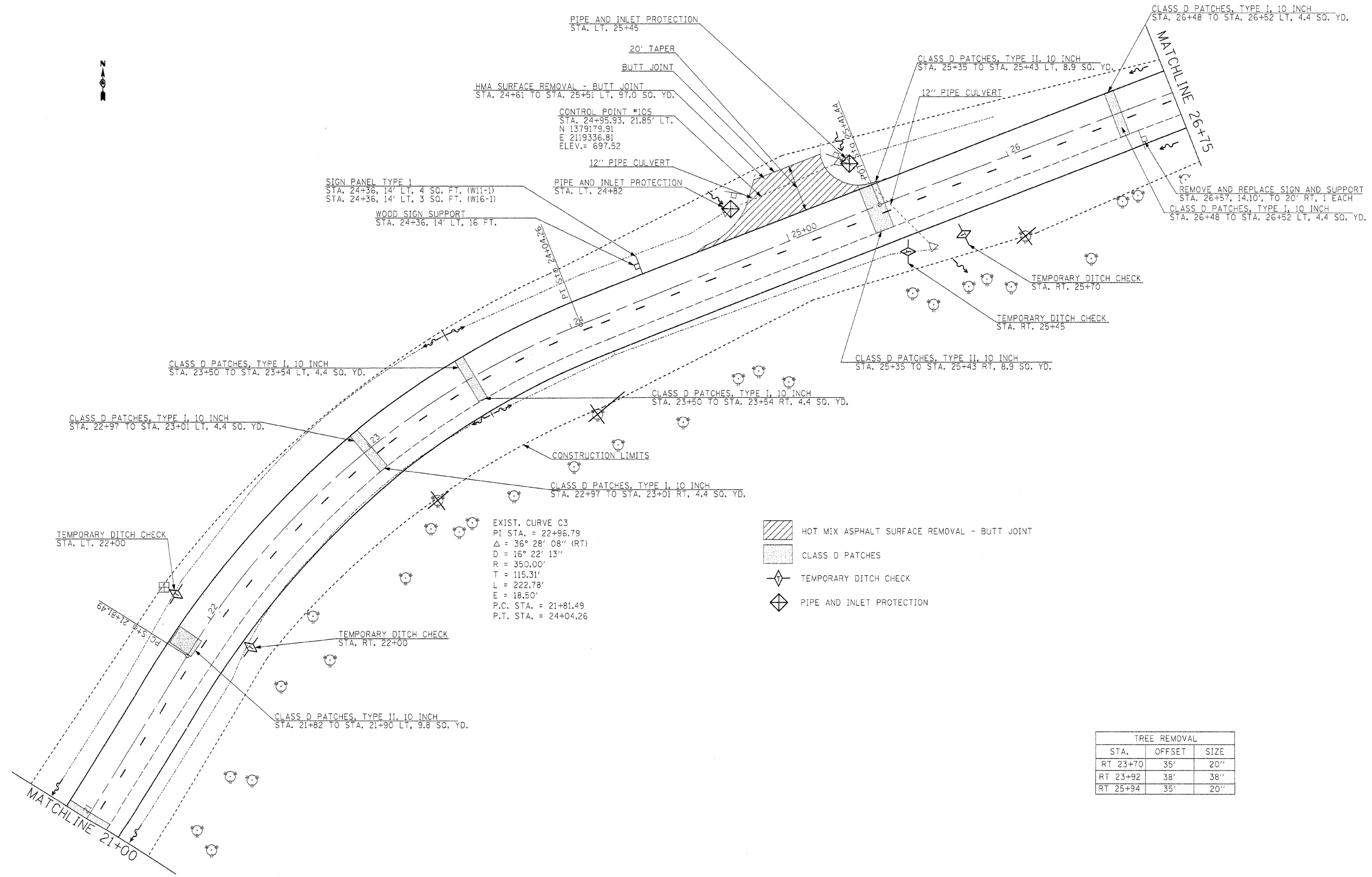
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION
-  CLASS D PATCHES
-  SCARIFY EXISTING SURFACE
-  PERIMETER EROSION BARRIER







EXIST. CURVE C2
 PI STA. = 16+56.37
 $\Delta = 30^\circ 03' 50''$ (RT)
 D = 14° 19' 26"
 R = 400.00'
 T = 107.42'
 L = 209.89'
 E = 14.17'
 P.C. STA. = 15+48.96
 P.T. STA. = 17+58.84

TREE REMOVAL		
STA.	OFFSET	SIZE
15+73 RT	35'	18"

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROADS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	20		
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158					
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'		SHEET NO. 20 OF 162 SHEETS	STA. 15+50 TO STA. 21+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



-  HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  CLASS D PATCHES
-  TEMPORARY DITCH CHECK
-  PIPE AND INLET PROTECTION

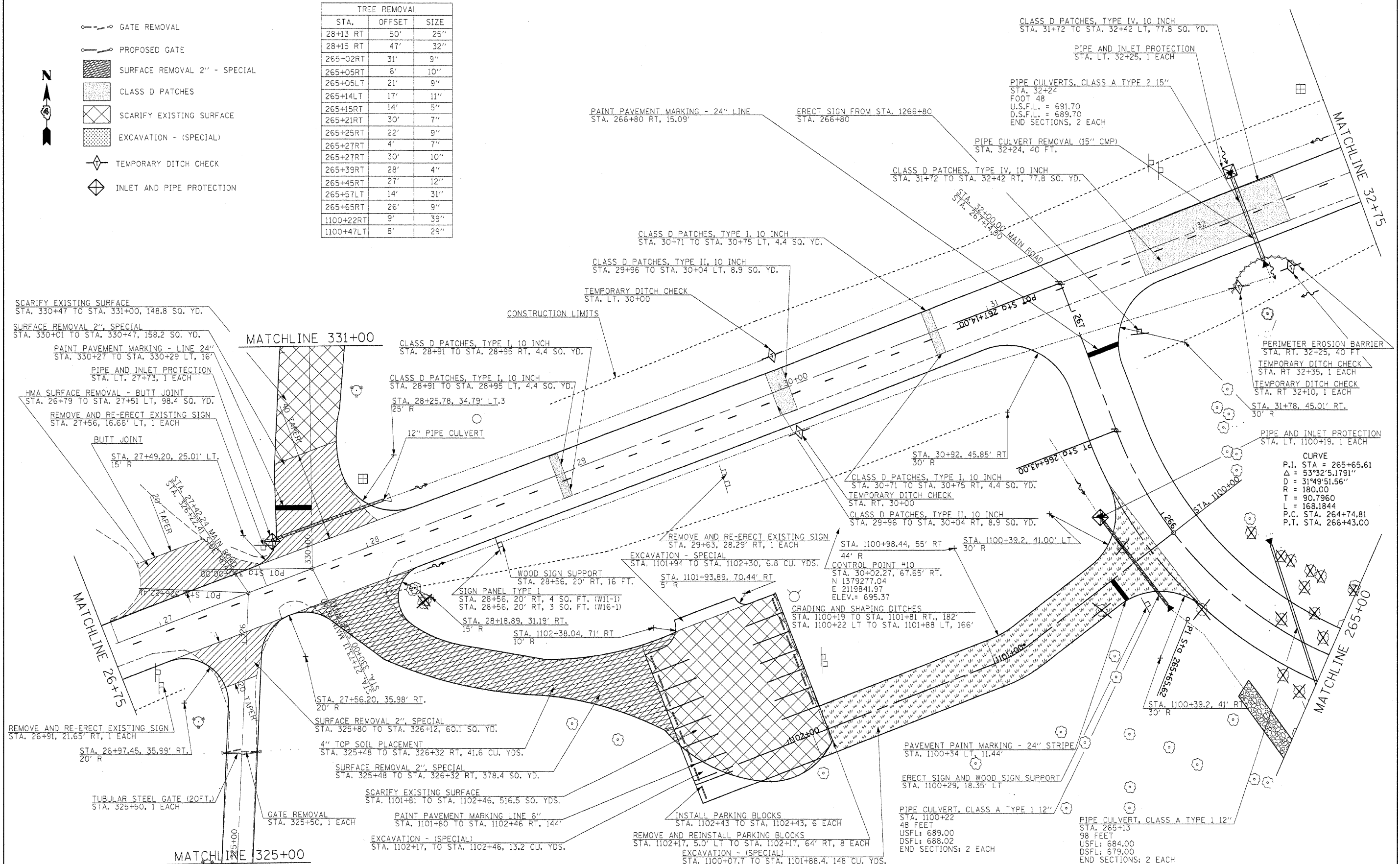
TREE REMOVAL		
STA.	OFFSET	SIZE
RT 23+70	35'	20"
RT 23+92	38'	38"
RT 25+94	35'	20"

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISIONS -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	21	
		CHECKED - T.T.P.	REVISIONS -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISIONS -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 21 OF 162 SHEETS		STA. 21+00 TO STA. 26+75		



- GATE REMOVAL
- PROPOSED GATE
- SURFACE REMOVAL 2" - SPECIAL
- CLASS D PATCHES
- SCARIFY EXISTING SURFACE
- EXCAVATION - (SPECIAL)
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

TREE REMOVAL		
STA.	OFFSET	SIZE
28+13	RT 50'	25"
28+15	RT 47'	32"
265+02RT	31'	9"
265+05RT	6'	10"
265+05LT	21'	9"
265+14LT	17'	11"
265+15RT	14'	5"
265+21RT	30'	7"
265+25RT	22'	9"
265+27RT	4'	7"
265+27RT	30'	10"
265+39RT	28'	4"
265+45RT	27'	12"
265+57LT	14'	31"
265+65RT	26'	9"
1100+22RT	9'	39"
1100+47LT	8'	29"

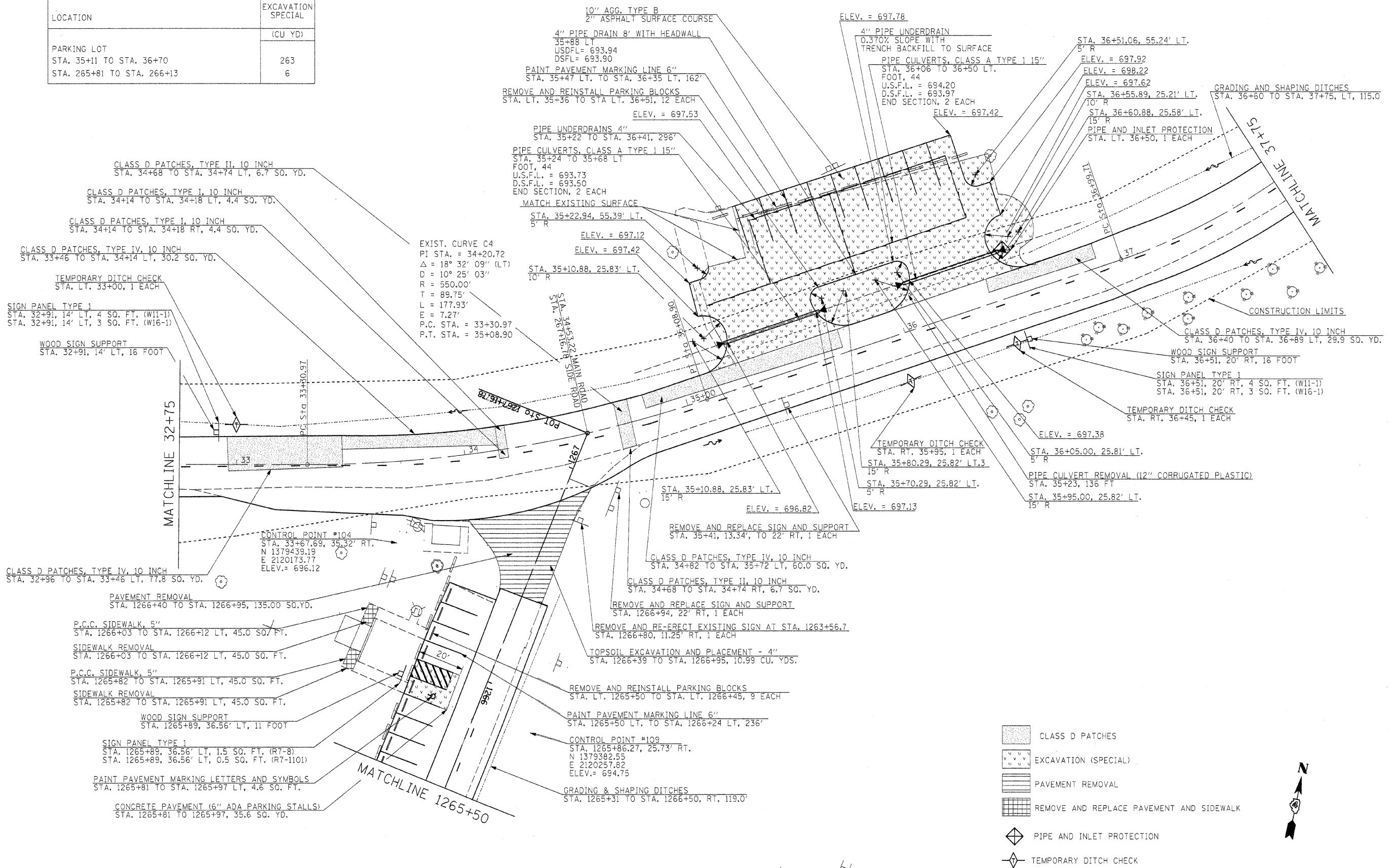


CURVE

P.I. STA =	265+65.61
Δ =	53°32'5.1791"
D =	3149'51.56"
R =	180.00
L =	90.7960
T =	166.1844
P.C. STA.	264+74.81
P.T. STA.	266+43.00

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	22	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
					SCALE: 1" = 20'	SHEET NO. 22 OF 162 SHEETS	STA. 26+75 TO STA. 32+75			

LOCATION	EXCAVATION SPECIAL
	(CU YD)
PARKING LOT STA. 35+11 TO STA. 36+70 STA. 265+81 TO STA. 266+13	263 6



- CLASS D PATCHES
- EXCAVATION (SPECIAL)
- PAVEMENT REMOVAL
- REMOVE AND REPLACE PAVEMENT AND SIDEWALK
- PIPE AND INLET PROTECTION
- TEMPORARY DITCH CHECK

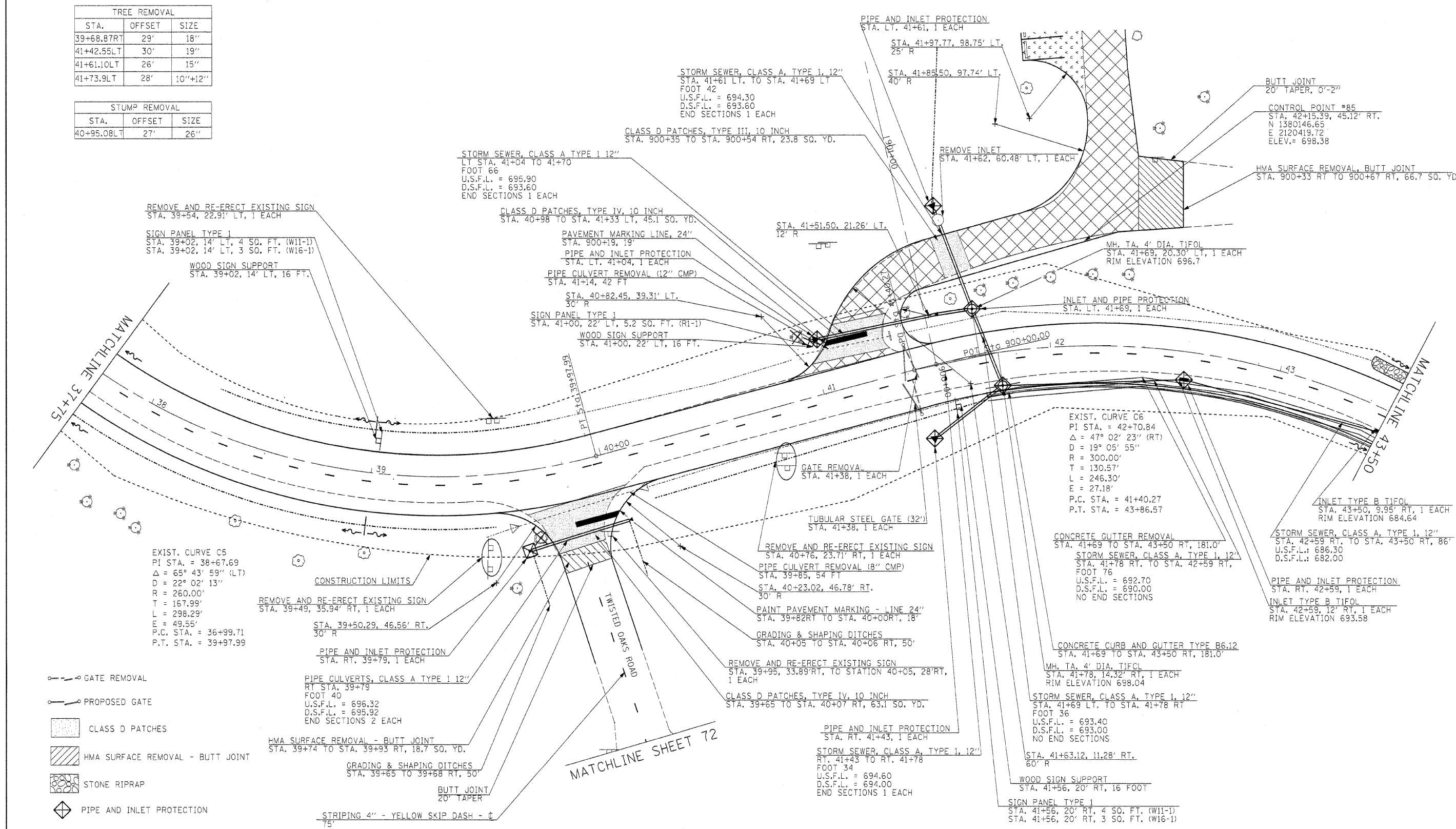


FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	23	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TREE REMOVAL		
STA.	OFFSET	SIZE
39+68.87RT	29'	18"
41+42.55LT	30'	19"
41+61.10LT	26'	15"
41+73.9LT	28'	10"+12"

STUMP REMOVAL		
STA.	OFFSET	SIZE
40+95.08LT	27'	26"



EXIST. CURVE C5
 PI STA. = 38+67.69
 $\Delta = 65^\circ 43' 59''$ (LT)
 $D = 22^\circ 02' 13''$
 $R = 260.00'$
 $T = 167.99'$
 $L = 298.29'$
 $E = 49.55'$
 P.C. STA. = 36+99.71
 P.T. STA. = 39+97.99

EXIST. CURVE C6
 PI STA. = 42+70.84
 $\Delta = 47^\circ 02' 23''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 130.57'$
 $L = 246.30'$
 $E = 27.18'$
 P.C. STA. = 41+40.27
 P.T. STA. = 43+86.57

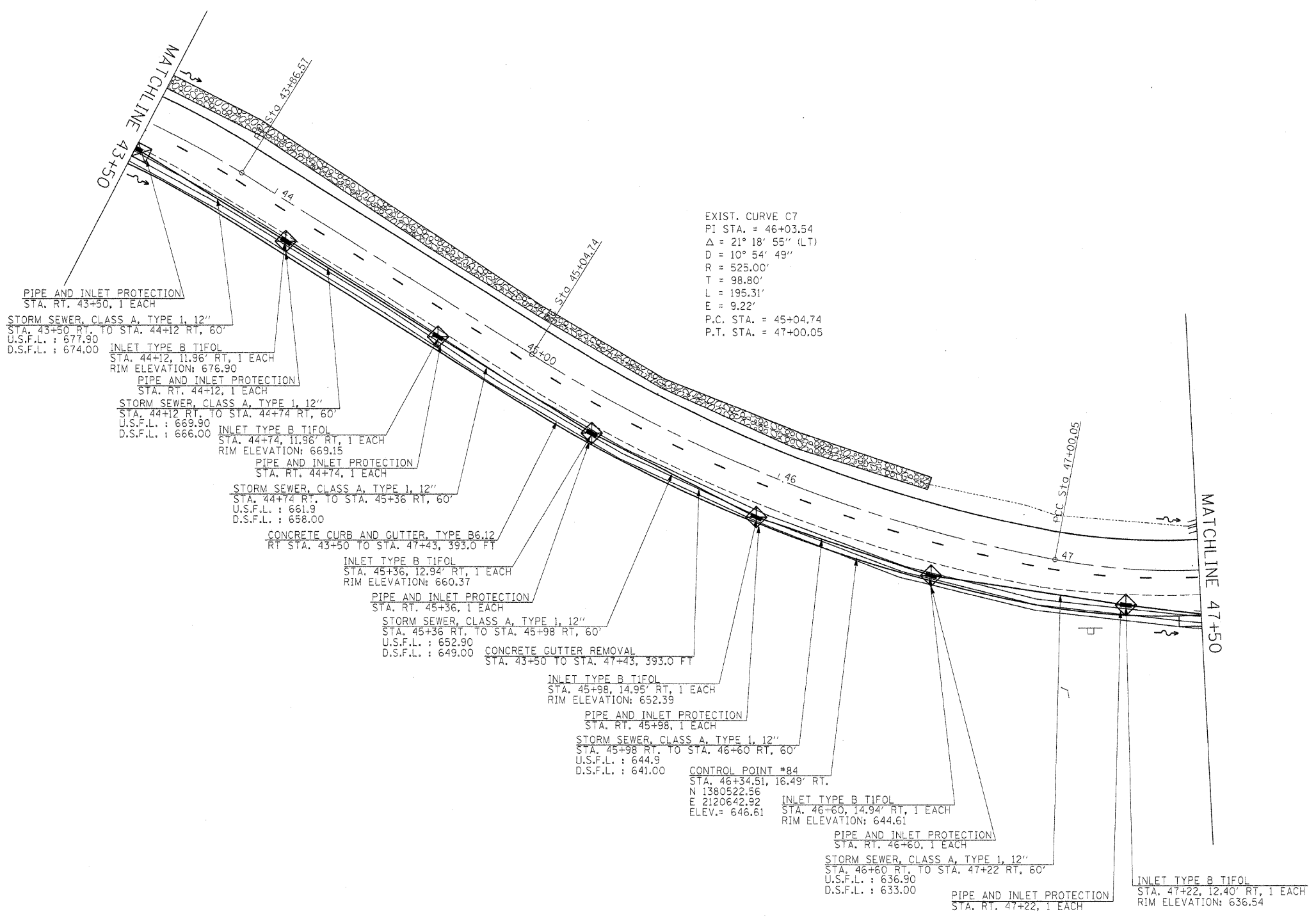
- GATE REMOVAL
- PROPOSED GATE
- CLASS D PATCHES
- HMA SURFACE REMOVAL - BUTT JOINT
- STONE RIPRAP
- PIPE AND INLET PROTECTION

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	24	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 24 OF 162 SHEETS		STA. 37+75 TO STA. 43+50		

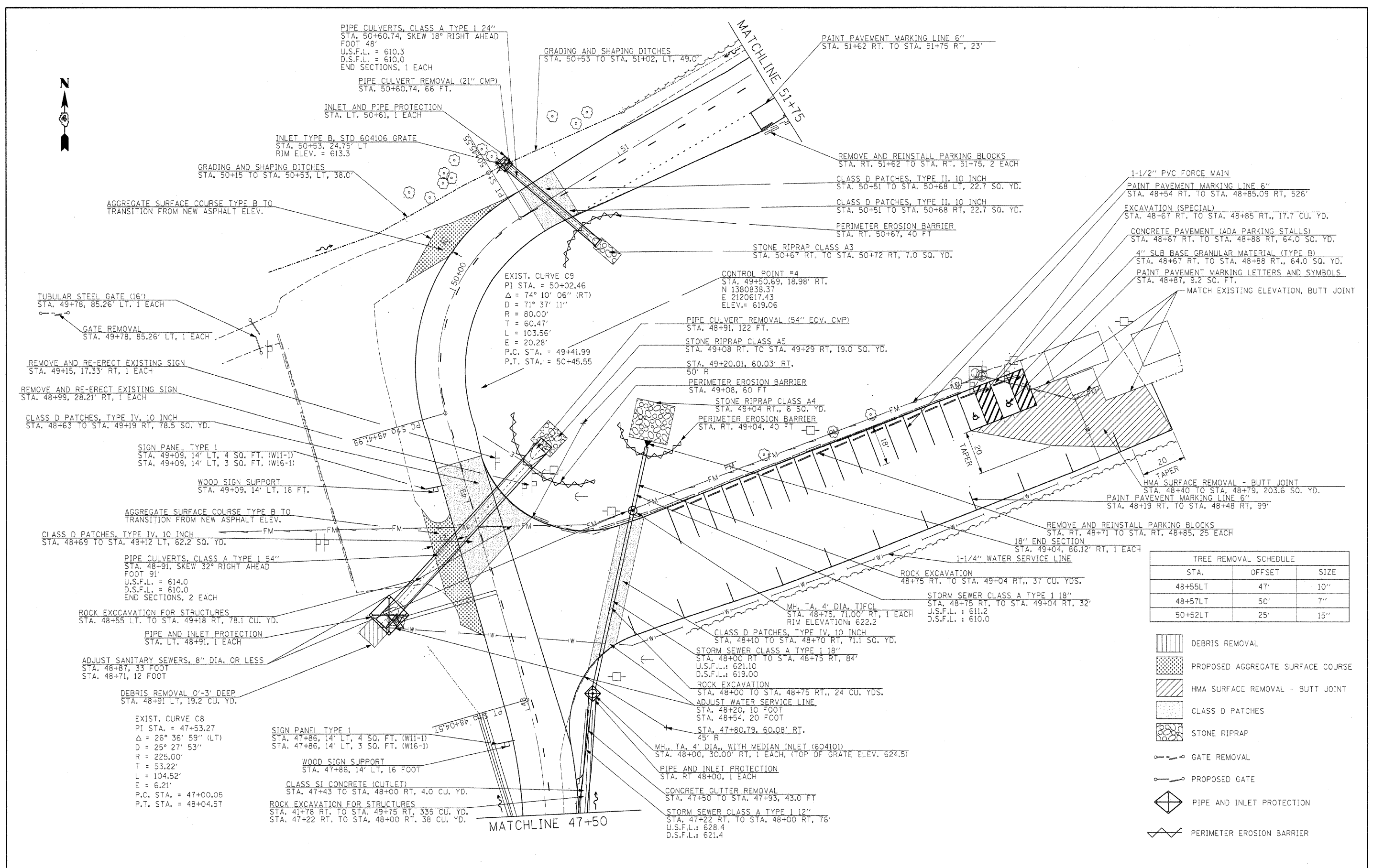


◆ PIPE AND INLET PROTECTION

▨ STONE RIPRAP



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	25	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 25 OF 162 SHEETS	STA. 43+50 TO STA. 47+50			

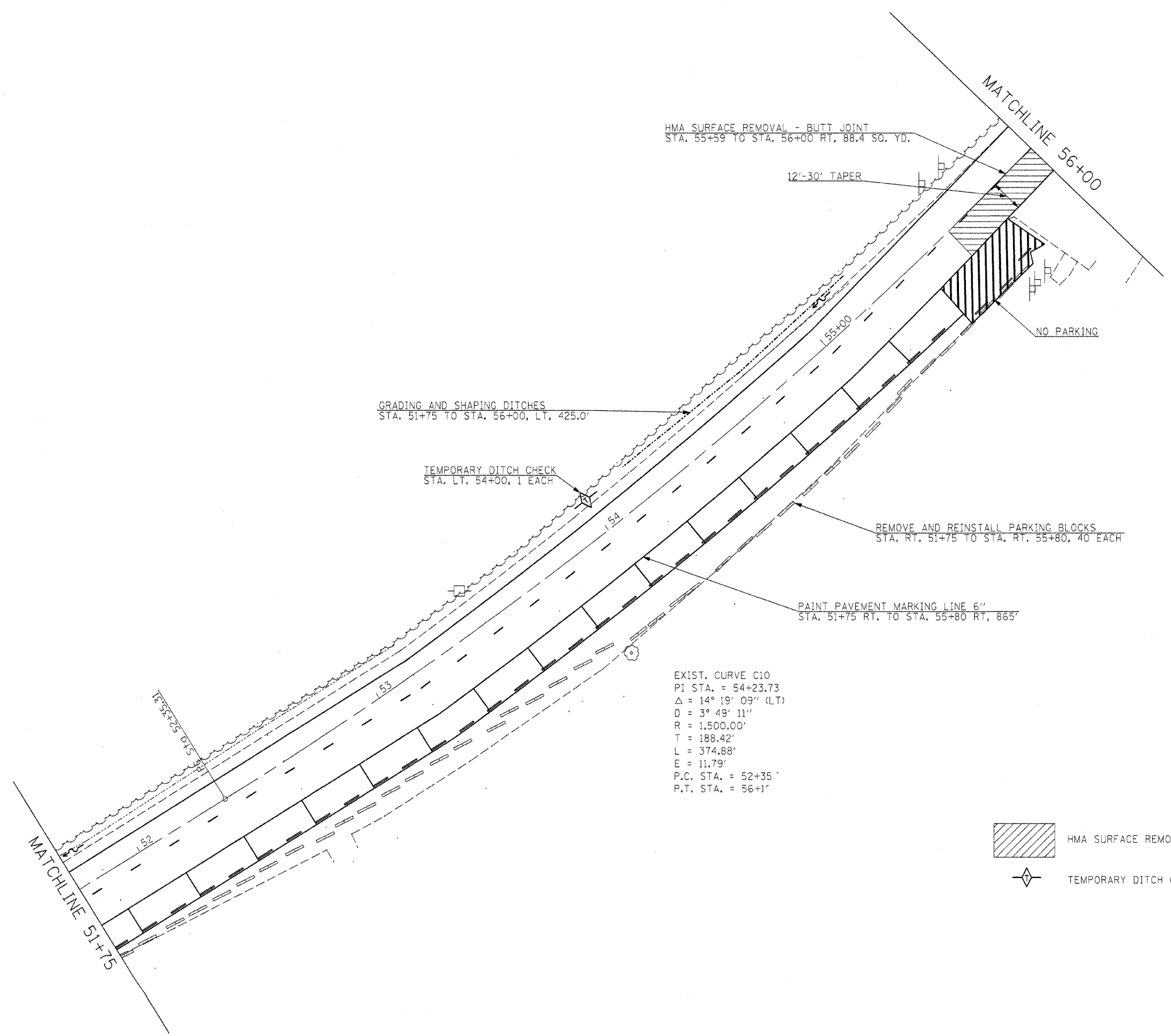


TREE REMOVAL SCHEDULE		
STA.	OFFSET	SIZE
48+55LT	47'	10"
48+57LT	50'	7"
50+52LT	25'	15"

- DEBRIS REMOVAL
- PROPOSED AGGREGATE SURFACE COURSE
- HMA SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- STONE RIPRAP
- GATE REMOVAL
- PROPOSED GATE
- PIPE AND INLET PROTECTION
- PERIMETER EROSION BARRIER

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - J.T.T.	REVISED -					ARGYLE LAKE STATE PARK	MCDONOUGH	162	26
		CHECKED - T.T.P.	REVISED -								CONTRACT NO. 46158
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

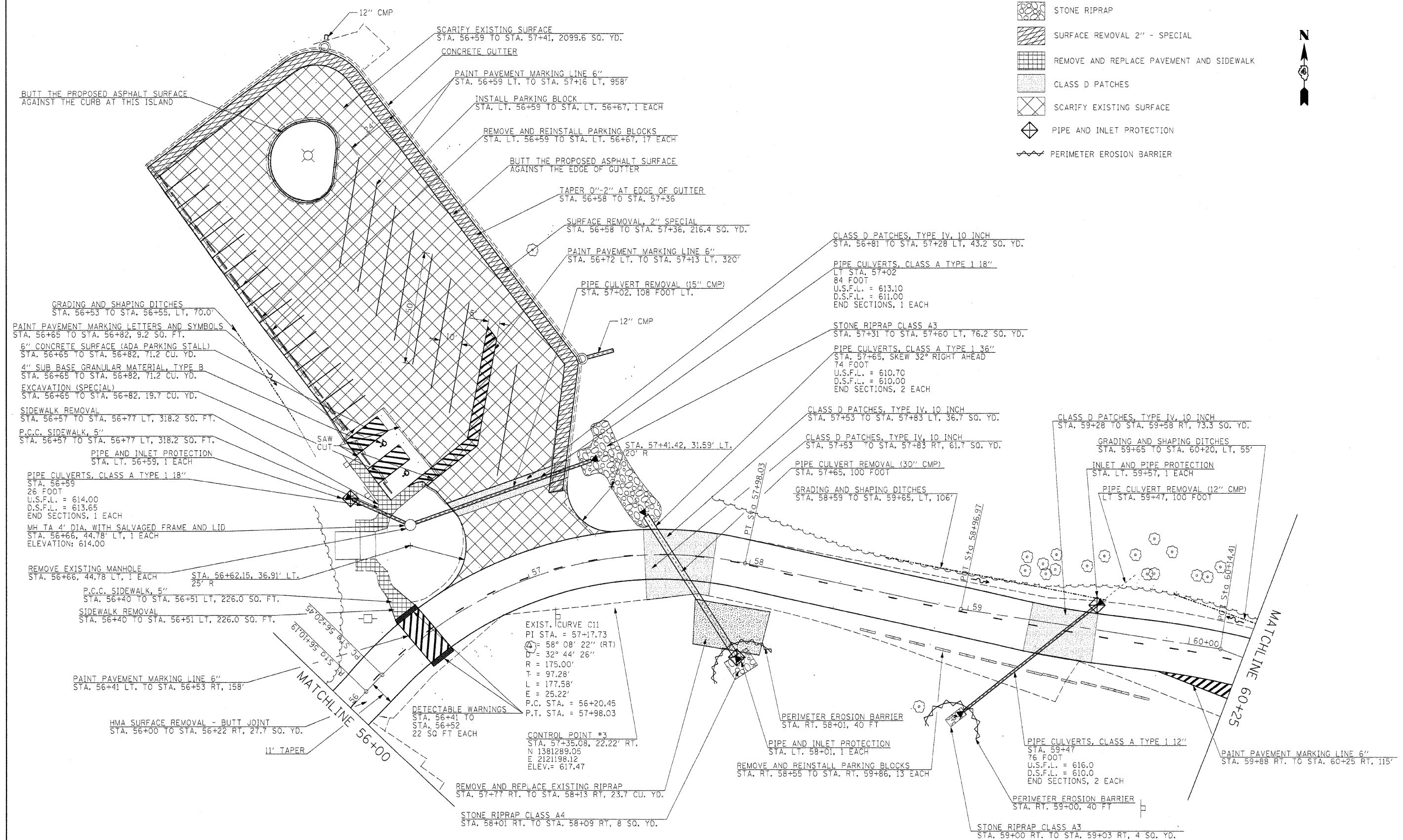
SCALE: 1" = 20' SHEET NO. 26 OF 162 SHEETS STA. 47+50 TO STA. 51+75



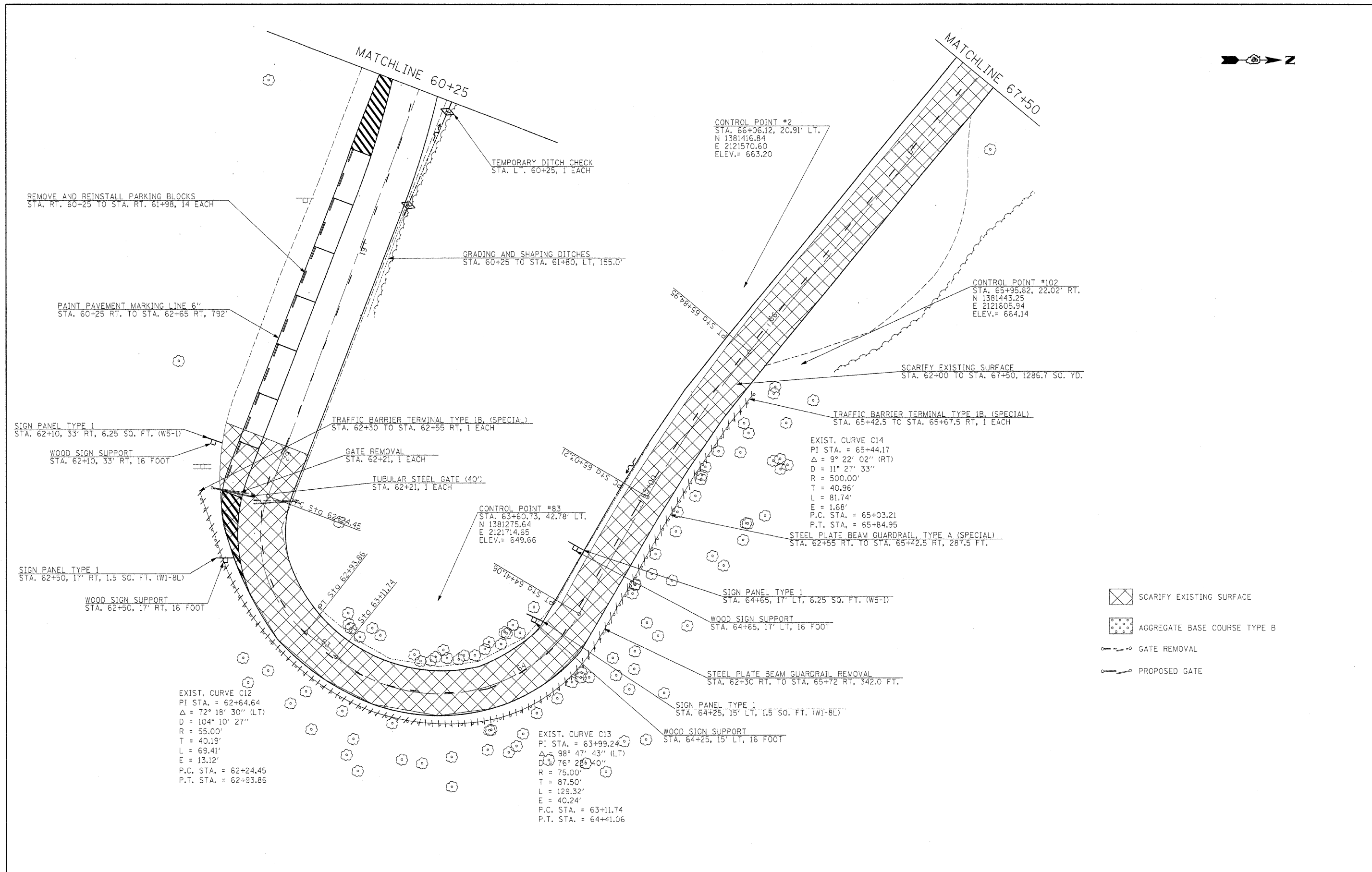
EXIST. CURVE C10
 P1 STA. = 54+23.73
 $\Delta = 14^\circ 19' 09''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 188.42'$
 $L = 374.88'$
 $E = 11.79'$
 P.C. STA. = 52+35'
 P.T. STA. = 56+1'





- HMA SURFACE REMOVAL - BUTT JOINT
- TEMPORARY DITCH CHECK

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	27		
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158					
		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'		SHEET NO. 27 OF 162 SHEETS		STA. 51+75 TO STA. 56+00	





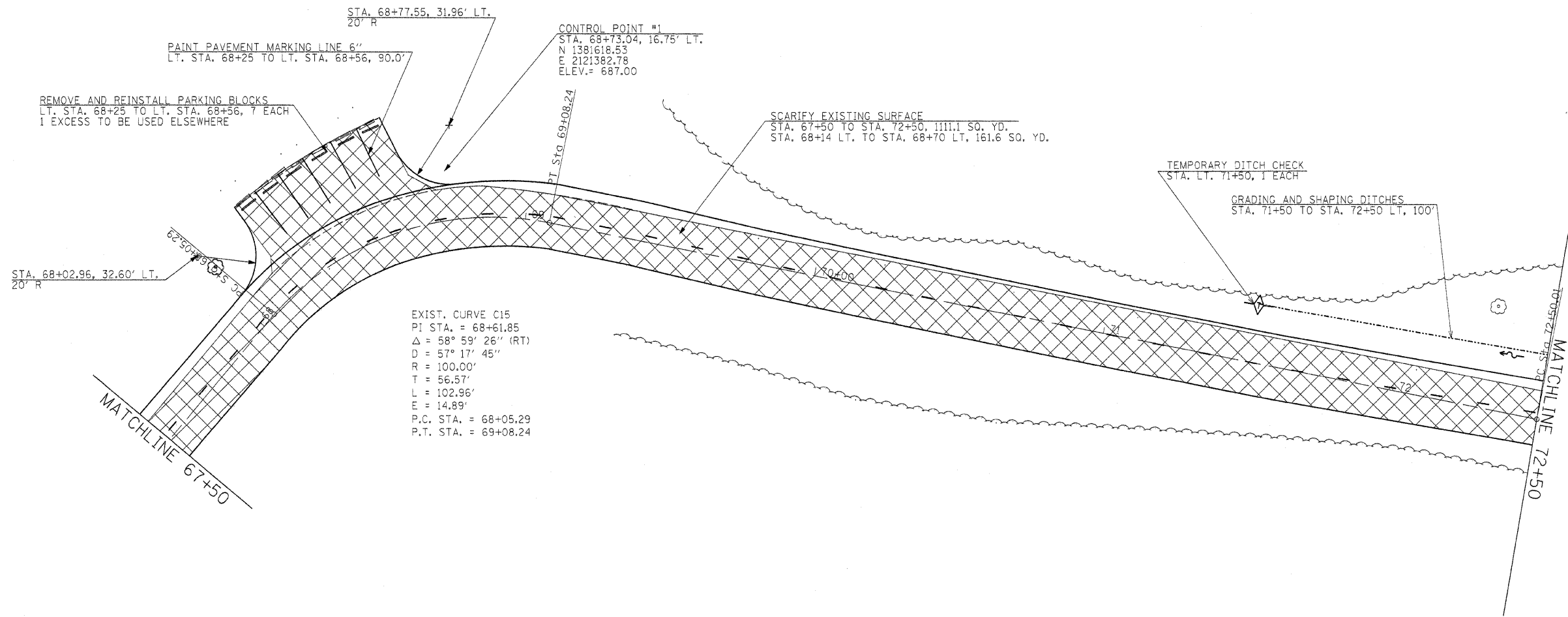
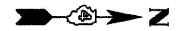
FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	28	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET NO. 28 OF 162 SHEETS		STA. 56+00 TO STA. 60+25		



-  SCARIFY EXISTING SURFACE
-  AGGREGATE BASE COURSE TYPE B
-  GATE REMOVAL
-  PROPOSED GATE

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	29	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 29 OF 162 SHEETS	STA. 60+25 TO STA. 67+50		

-  SCARIFY EXISTING SURFACE
-  TEMPORARY DITCH CHECK



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -					ARGYLE LAKE STATE PARK	MCDONOUGH	162	30
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -			SCALE: 1" = 20'	SHEET NO. 30 OF 162 SHEETS	STA. 67+50 TO STA. 72+50	CONTRACT NO. 46158		
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



- SURFACE REMOVAL
- SCARIFY EXISTING SURFACE
- REMOVE AND REPLACE PAVEMENT AND SIDEWALK

EXIST. CURVE C18
 PI STA. = 77+74.42
 $\Delta = 16^\circ 52' 38''$ (LT)
 D = 14° 19' 26"
 R = 400.00'
 T = 59.34'
 L = 117.82'
 E = 4.38'
 P.C. STA. = 77+15.08
 P.T. STA. = 78+32.90

EXIST. CURVE C17
 PI STA. = 75+07.84
 $\Delta = 10^\circ 17' 33''$ (LT)
 D = 4° 35' 01"
 R = 1,250.00'
 T = 112.58'
 L = 224.55'
 E = 5.06'
 P.C. STA. = 73+95.26
 P.T. STA. = 76+19.81

AGGREGATE BASE COURSE - TYPE B
 STA. 73+15 TO STA. 73+39, 44.1 TONS

STA. 73+53.14, 24.43' RT.
 15" R

EXIST. CURVE C16
 PI STA. = 73+38.83
 $\Delta = 83^\circ 13' 25''$ (LT)
 D = 57° 17' 45"
 R = 100.00'
 T = 88.82'
 L = 145.25'
 E = 33.75'
 P.C. STA. = 72+50.01
 P.T. STA. = 73+95.26

P.C.C. SIDEWALK, 5"
 STA. 73+37 TO STA. 73+43 RT, 65 SQ. FT.

CONTROL POINT #208
 STA. 73+46.52, 80.17' RT.
 N 1382134.72
 E 2121479.55
 ELEV. = 698.99

SIDEWALK REMOVAL
 STA. 73+37 TO STA. 73+43 RT, 65 SQ. FT.

INSTALL PARKING BLOCKS
 STA. 73+15 TO STA. 73+39 RT, 3 EACH

PAINT PAVEMENT MARKING LETTERS AND SYMBOLS
 STA. 73+31, 65' RT, 9.2 SQ. FT.

4" SUB BASE GRANULAR MATERIAL (TYPE B)
 STA. 73+16 TO STA. 73+39, 42 SQ. YDS.

CONCRETE PAVEMENT (ADA PARKING STALLS)
 STA. 73+16 TO STA. 73+39, 42 SQ. YDS.

PAINT PAVEMENT MARKING LINE - 6"
 STA. 73+15 TO STA. 73+39 RT, 203'

SIDEWALK REMOVAL
 STA. 73+27 TO STA. 73+34 RT, 65 SQ. FT.

P.C.C. SIDEWALK, 5"
 STA. 73+27 TO STA. 73+34 RT, 65 SQ. FT.

EXCAVATION - SPECIAL
 STA. 73+15.3 TO STA. 73+39.2, 37.3 CU. YDS.

STA. 73+19.80, 105.29' RT.
 10" R

PAVEMENT REMOVAL
 STA. 73+15 TO STA. 73+39, 154.6 SQ. YDS.

TOPSOIL EXCAVATION AND PLACEMENT - 4"
 STA. 73+15 TO STA. 73+39 RT, 17.2 CU. YDS.

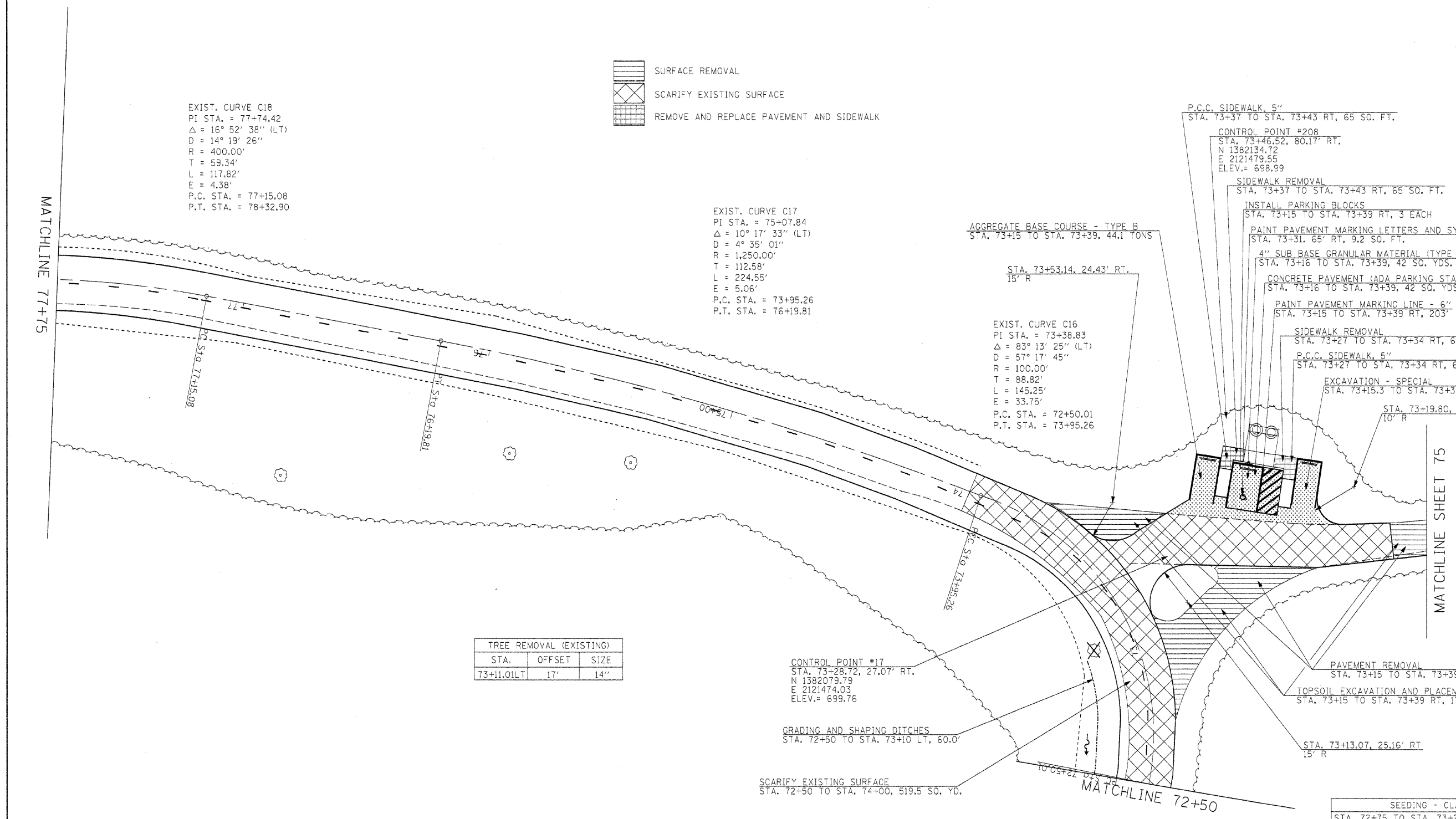
STA. 73+13.07, 25.16' RT.
 15" R

GRADING AND SHAPING DITCHES
 STA. 72+50 TO STA. 73+10 LT, 60.0'

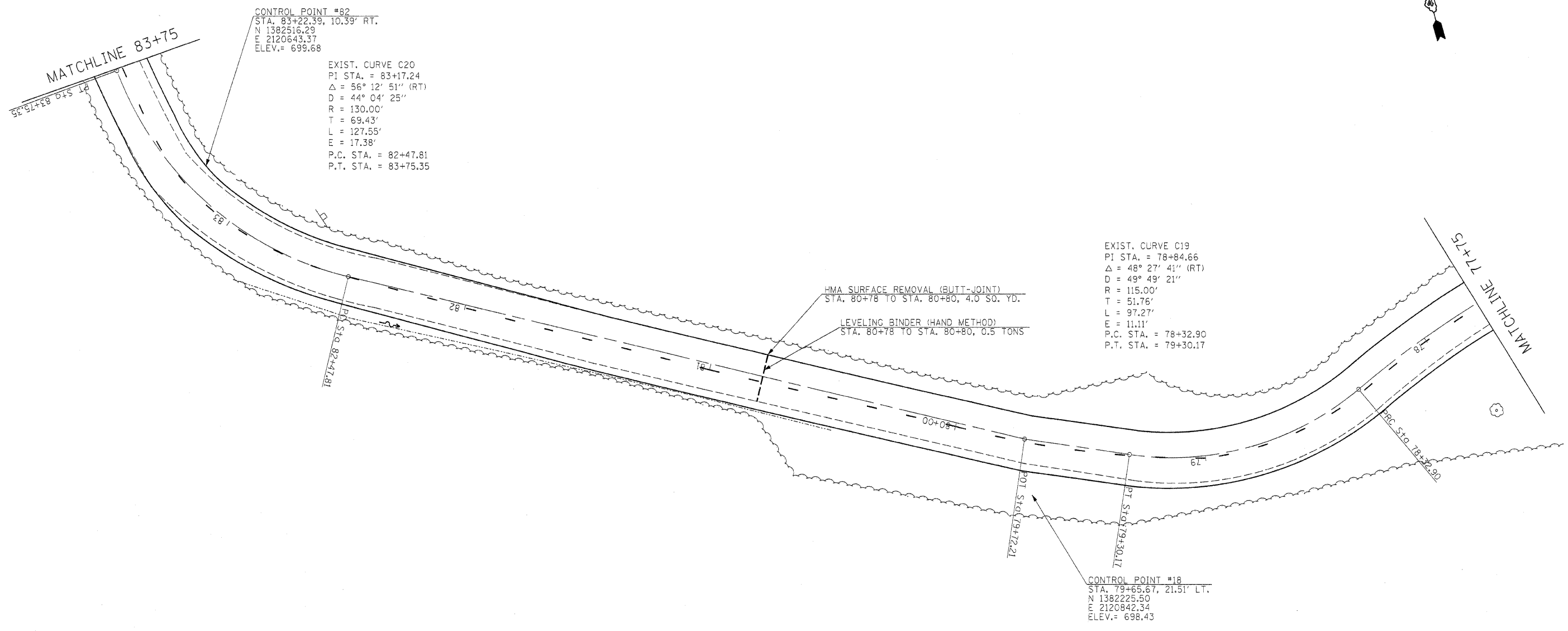
SCARIFY EXISTING SURFACE
 STA. 72+50 TO STA. 74+00, 519.5 SQ. YD.

TREE REMOVAL (EXISTING)		
STA.	OFFSET	SIZE
73+11.01LT	17'	14"

SEEDING - CLASS 2A	
STA. 72+75 TO STA. 73+20	0.024 ACRES
STA. 73+03 TO STA. 73+11	0.005 ACRES
STA. 73+39 TO STA. 73+72	0.008 ACRES
TOTAL	0.037 ACRES



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 31 OF 162 SHEETS	STA. 72+50 TO STA. 77+75	ARGYLE LAKE STATE PARK	MCDONOUGH	162	31
		CHECKED - T.T.P.	REVISED -		CONTRACT NO. 46158		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		DATE - 12/09/10	REVISED -								



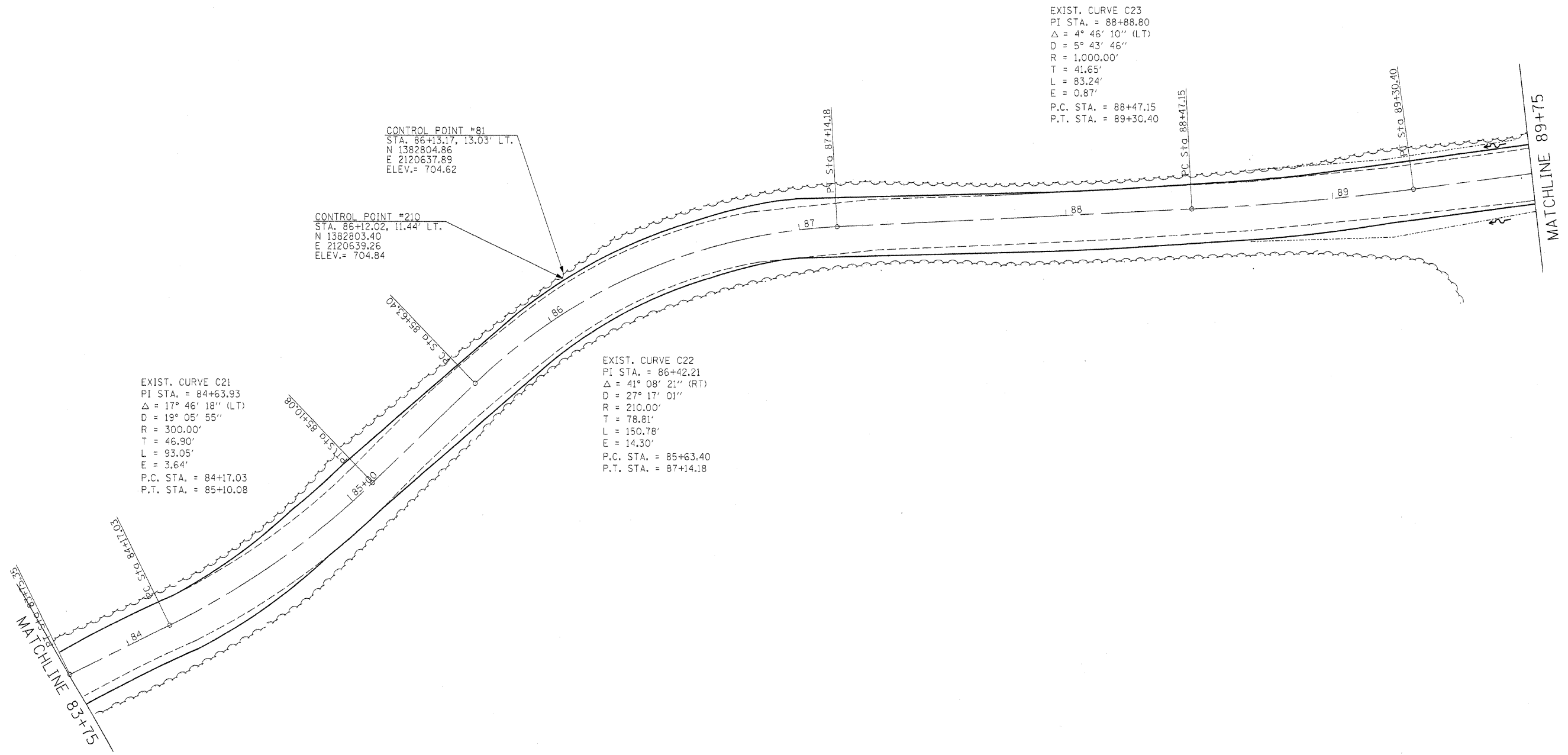
CONTROL POINT #82
 STA. 83+22.39, 10.39' RT.
 N 1382516.29
 E 2120643.37
 ELEV.= 699.68

EXIST. CURVE C20
 PI STA. = 83+17.24
 $\Delta = 56^\circ 12' 51''$ (RT)
 D = 44° 04' 25"
 R = 130.00'
 T = 69.43'
 L = 127.55'
 E = 17.38'
 P.C. STA. = 82+47.81
 P.T. STA. = 83+75.35

EXIST. CURVE C19
 PI STA. = 78+84.66
 $\Delta = 48^\circ 27' 41''$ (RT)
 D = 49° 49' 21"
 R = 115.00'
 T = 51.76'
 L = 97.27'
 E = 11.11'
 P.C. STA. = 78+32.90
 P.T. STA. = 79+30.17

CONTROL POINT #18
 STA. 79+65.67, 21.51' LT.
 N 1382225.50
 E 2120842.34
 ELEV.= 698.43

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	32		
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158					
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 32 OF 162 SHEETS	STA. 77+75 TO STA. 83+75				



EXIST. CURVE C21
 PI STA. = 84+63.93
 $\Delta = 17^\circ 46' 18''$ (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 46.90'
 L = 93.05'
 E = 3.64'
 P.C. STA. = 84+17.03
 P.T. STA. = 85+10.08

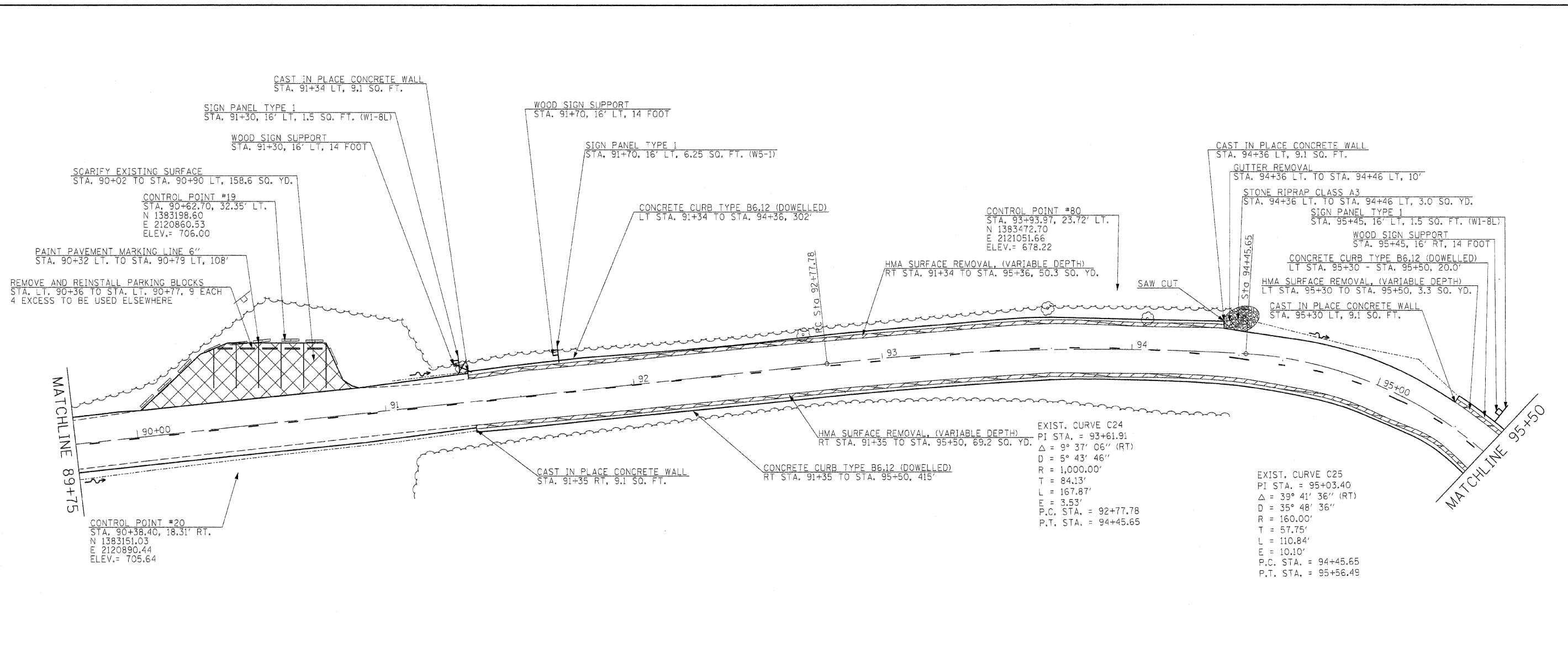
CONTROL POINT #210
 STA. 86+12.02, 11.44' LT.
 N 1382803.40
 E 2120639.26
 ELEV. = 704.84

CONTROL POINT #81
 STA. 86+13.17, 13.03' LT.
 N 1382804.86
 E 2120637.89
 ELEV. = 704.62

EXIST. CURVE C22
 PI STA. = 86+42.21
 $\Delta = 41^\circ 08' 21''$ (RT)
 D = 27° 17' 01"
 R = 210.00'
 T = 78.81'
 L = 150.78'
 E = 14.30'
 P.C. STA. = 85+63.40
 P.T. STA. = 87+14.18

EXIST. CURVE C23
 PI STA. = 88+88.80
 $\Delta = 4^\circ 46' 10''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 41.65'
 L = 83.24'
 E = 0.87'
 P.C. STA. = 88+47.15
 P.T. STA. = 89+30.40

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -						ARGYLE LAKE STATE PARK	MCDONOUGH	162	33
		CHECKED - T.T.P.	REVISED -						CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				SCALE: 1" = 20'		SHEET NO. 33 OF 162 SHEETS		STA. 83+75 TO STA. 89+75				



MATCHLINE 89+75

MATCHLINE 95+50

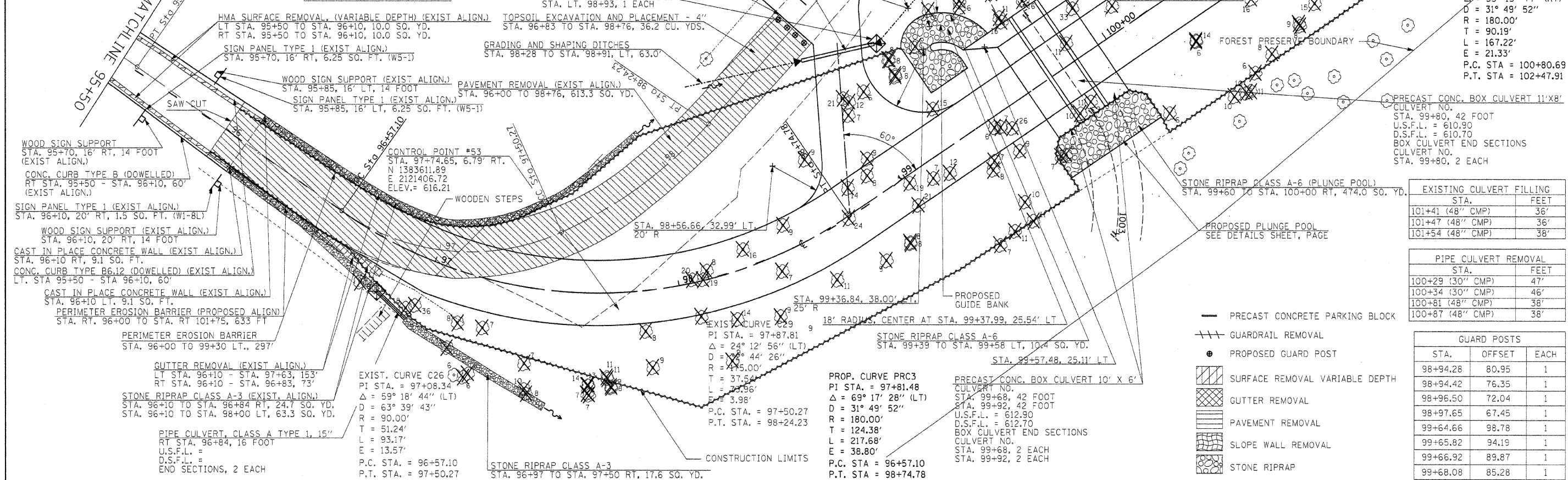
TREE REMOVAL		
STA.	OFFSET	SIZE
91+32.07LT	14'	12"

- SURFACE REMOVAL VARIABLE DEPTH
- GUTTER REMOVAL
- SCARIFY EXISTING SURFACE
- STONE RIPRAP



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	34	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET NO. 34 OF 162 SHEETS		STA. 89+75 TO STA. 95+50		

TREE REMOVAL (EXIST ALIGN.)			TREE REMOVAL (EXIST ALIGN.)			TREE REMOVAL (EXIST ALIGN.)			TREE REMOVAL (EXIST ALIGN.)		
STA.	OFFSET	SIZE	STA.	OFFSET	SIZE	STA.	OFFSET	SIZE	STA.	OFFSET	SIZE
96+75.15RT	22'	6"	98+55.83RT	85'	21"	99+37.57RT	45'	6"	101+69.34RT	102'	9"
96+91.14RT	25'	8"	98+56.03RT	57'	9"	99+38.88RT	51'	18"	101+70.28RT	80'	8"
96+93.62RT	24'	36"	98+60.15RT	77'	19"	99+43.82RT	87'	11"	101+71.24LT	17'	14"
97+05.68RT	39'	7"	98+64.14RT	40'	7"	99+45.22RT	62'	16"	101+71.50RT	92'	15"
97+08.30RT	28'	8"	98+65.70RT	120'	7"	99+49.88RT	59'	7"	101+71.58RT	40'	12"
97+10.35RT	50'	6"	98+67.75RT	34'	21"	99+50.79RT	136'	6"	101+76.06LT	15'	17"
97+11.63RT	49'	6"	98+67.87RT	82'	7"	99+53.56RT	34'	14"	101+76.85RT	59'	12"
97+15.87RT	30'	7"	98+68.24RT	37'	12"	99+55.93RT	79'	33"	101+77.24RT	44'	6"
97+25.43RT	57'	10"	98+73.77RT	121'	11"	99+56.46RT	59'	12"	101+82.37RT	66'	10"
97+25.68RT	59'	8"	98+73.80RT	86'	12"	99+56.77RT	61'	66"	101+84.40LT	15'	15"
97+26.46RT	47'	7"	98+75.25RT	38'	6"	99+58.21RT	50'	8"	101+90.06RT	79'	18"
97+39.79RT	65'	7"	98+81.72RT	124'	11"	99+67.34RT	91'	7"	101+95.42RT	69'	10"
97+40.52RT	61'	14"	98+85.14RT	116'	10"	99+72.07RT	30'	15"	101+95.87RT	13'	9"
97+45.38RT	61'	11"	98+86.26RT	98'	8"	99+72.81RT	152'	10"	101+96.49LT	20'	14"
97+45.40RT	66'	9"	98+88.21RT	44'	9"	99+74.19RT	62'	11"	102+00.78RT	48'	21"
97+57.49RT	65'	9"	98+88.62RT	64'	15"	99+74.95RT	28'	11"	102+03.61LT	16'	7"
97+60.53RT	51'	8"	98+89.41RT	96'	7"	99+77.16RT	154'	10"	102+04.69RT	66'	6"
97+76.72RT	57'	9"	98+91.32RT	37'	8"	99+78.04RT	34'	6"	102+09.30RT	24'	20"
97+77.15RT	79'	9"	98+99.10RT	101'	9"	99+78.91RT	155'	11"	102+16.98RT	25'	14"
97+80.74RT	43'	20"	98+99.52RT	87'	6"	99+79.36RT	72'	7"	102+18.56RT	15'	11"
97+83.45RT	45'	19"	99+01.31RT	89'	7"	99+85.65RT	152'	6"	102+19.00RT	60'	10"
97+84.77RT	66'	14"	99+02.72RT	42'	8"	99+90.64RT	62'	12"	102+19.86RT	20'	15"
97+85.89RT	43'	8"	99+04.04RT	93'	26"	99+93.65RT	31'	10"	102+28.50RT	29'	7"
97+94.44RT	76'	9"	99+08.48RT	115'	7"	99+95.46RT	152'	8"			
98+01.56RT	46'	16"	99+10.21RT	116'	6"	99+96.05RT	70'	6"			
98+06.20RT	63'	11"	99+16.96RT	36'	6"	100+00.95RT	42'	9"			
98+15.75RT	81'	11"	99+25.93RT	45'	6"	100+02.12RT	131'	16"			
98+15.96RT	50'	9"	99+26.62RT	110'	10"	100+27.26RT	74'	9"			
98+30.72RT	90'	9"	99+28.05RT	43'	7"	100+30.38RT	67'	9"			
98+33.34RT	68'	24"	99+31.19RT	37'	12"	100+70.82LT	14'	16"			
98+38.96RT	39'	9"	99+32.97RT	110'	11"	100+81.46LT	14'	13"			
98+42.08RT	59'	14"	99+33.08RT	62'	16"	101+10.36LT	13'	26"			
98+42.53RT	93'	8"	99+33.69RT	60'	11"	101+17.44RT	45'	8"			
98+50.89RT	62'	8"			101+23.30RT	59'	7"				
					101+68.08RT	44'	15"				



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	35	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

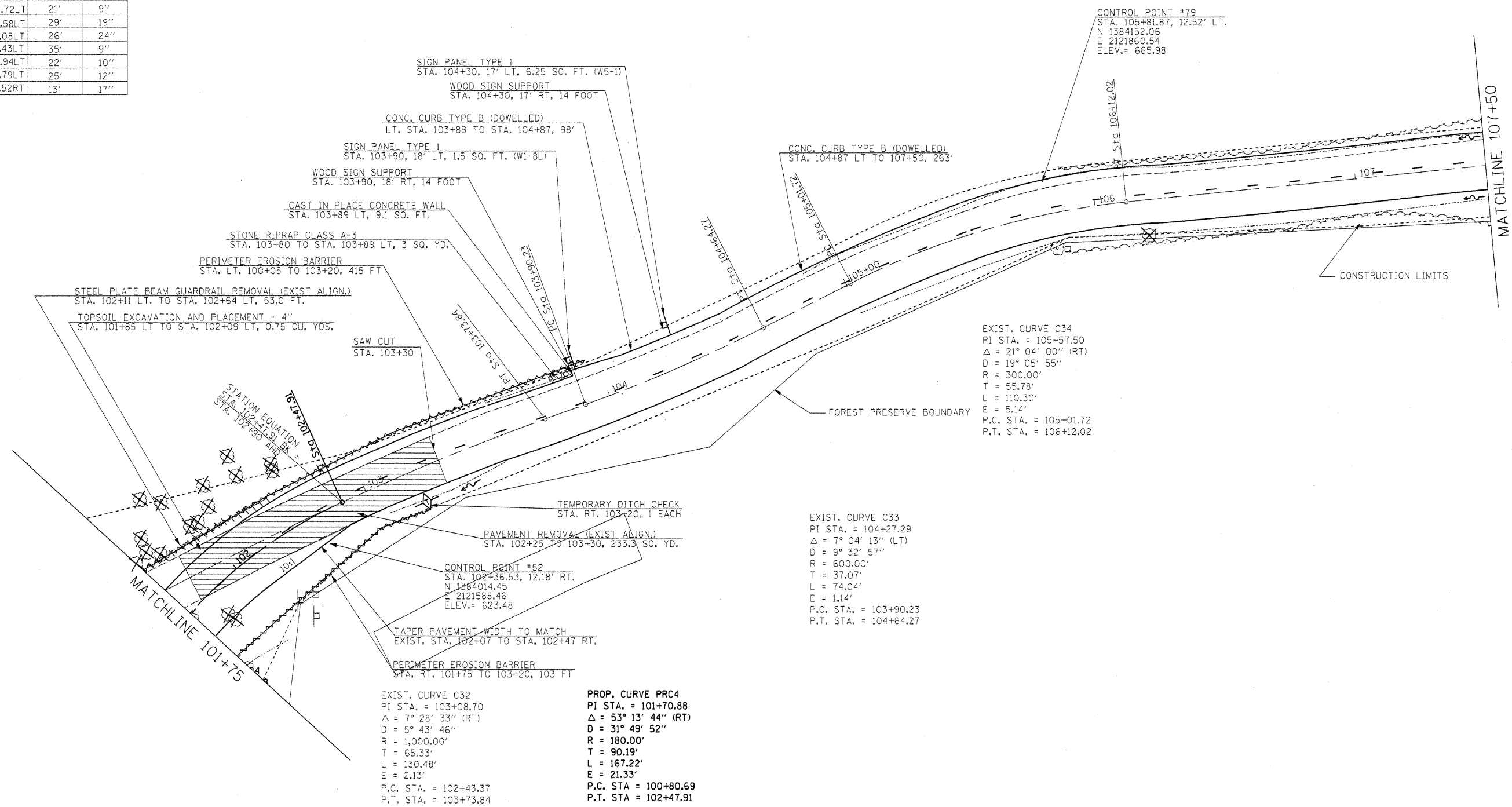
EXISTING CULVERT FILLING	
STA.	FEET
101+41 (48" CMP)	36'
101+47 (48" CMP)	36'
101+54 (48" CMP)	38'

PIPE CULVERT REMOVAL	
STA.	FEET
100+29 (30" CMP)	47'
100+34 (30" CMP)	46'
100+81 (48" CMP)	38'
100+87 (48" CMP)	38'

GUARD POSTS		
STA.	OFFSET	EACH
98+94.28	80.95	1
98+94.42	76.35	1
98+96.50	72.04	1
98+97.65	67.45	1
99+64.66	98.78	1
99+65.82	94.19	1
99+66.92	89.87	1
99+68.08	85.28	1

TREE REMOVAL (EXISTING)		
STA.	OFFSET	SIZE
102+09.29LT	14'	9"
102+14.57LT	15'	17"
102+15.23LT	22'	7"
102+19.13LT	13'	15"
102+19.86LT	35'	15"
102+28.30LT	30'	17"
102+31.68LT	19'	7"
102+33.26RT	22'	18"
102+34.09RT	17'	6"
102+37.51LT	17'	14"
102+43.72LT	21'	9"
102+45.58LT	29'	19"
102+58.08LT	26'	24"
102+58.43LT	35'	9"
102+70.94LT	22'	10"
102+71.79LT	25'	12"
106+19.52RT	13'	17"

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PAVEMENT REMOVAL
- STONE RIPRAP



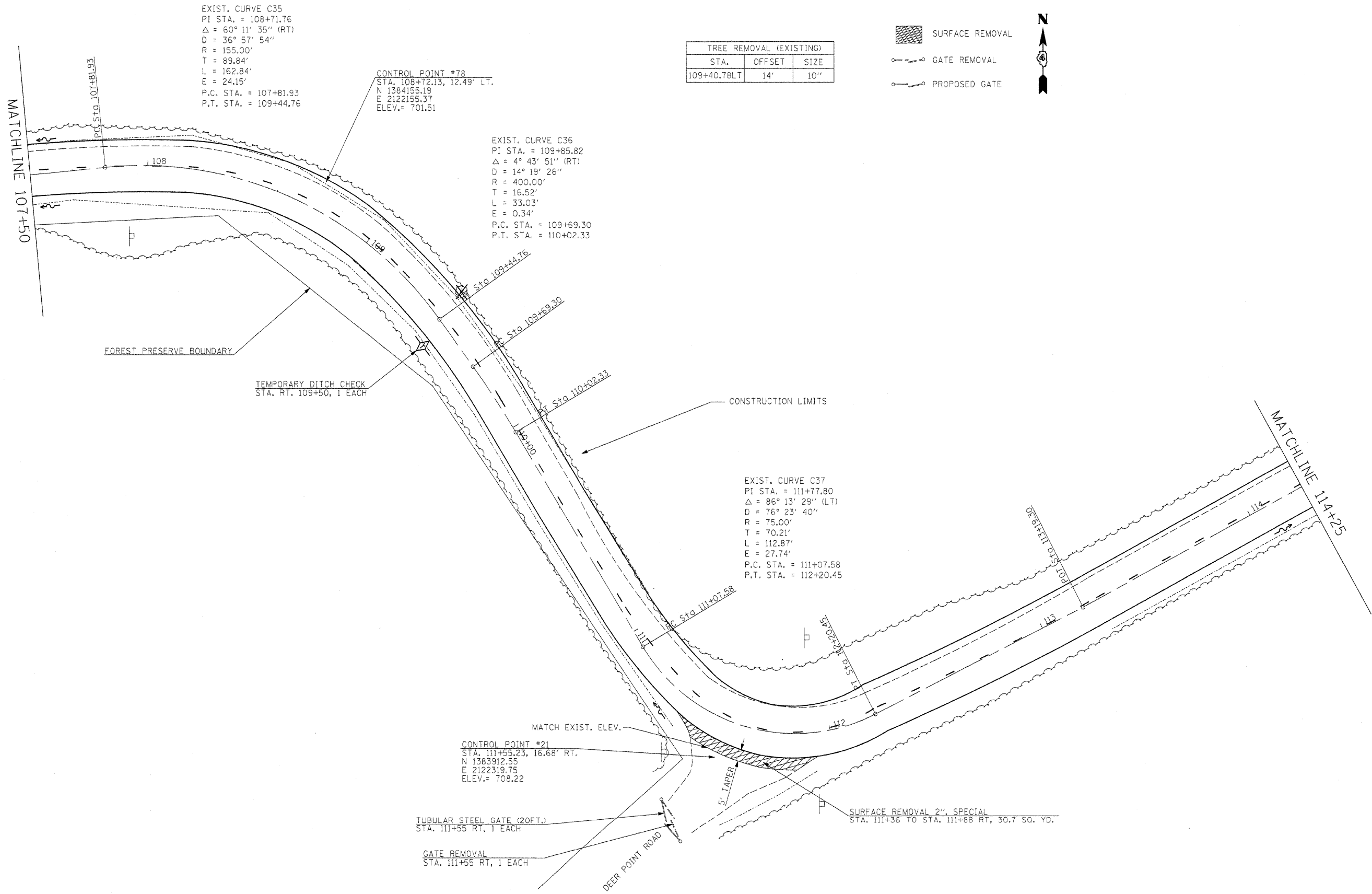
EXIST. CURVE C34
 PI STA. = 105+57.50
 $\Delta = 21^\circ 04' 00''$ (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 55.78'
 L = 110.30'
 E = 5.14'
 P.C. STA. = 105+01.72
 P.T. STA. = 106+12.02

EXIST. CURVE C33
 PI STA. = 104+27.29
 $\Delta = 7^\circ 04' 13''$ (LT)
 D = 9° 32' 57"
 R = 600.00'
 T = 37.07'
 L = 74.04'
 E = 1.14'
 P.C. STA. = 103+90.23
 P.T. STA. = 104+64.27

EXIST. CURVE C32
 PI STA. = 103+08.70
 $\Delta = 7^\circ 28' 33''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 65.33'
 L = 130.48'
 E = 2.13'
 P.C. STA. = 102+43.37
 P.T. STA. = 103+73.84

PROP. CURVE PRC4
 PI STA. = 101+70.88
 $\Delta = 53^\circ 13' 44''$ (RT)
 D = 31° 49' 52"
 R = 180.00'
 T = 90.19'
 L = 167.22'
 E = 21.33'
 P.C. STA = 100+80.69
 P.T. STA = 102+47.91

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	37	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET NO. 37 OF 162 SHEETS		STA. 101+75 TO STA. 107+50		



EXIST. CURVE C35
 PI STA. = 108+71.76
 $\Delta = 60^\circ 11' 35''$ (RT)
 D = 36° 57' 54"
 R = 155.00'
 T = 89.84'
 L = 162.84'
 E = 24.15'
 P.C. STA. = 107+81.93
 P.T. STA. = 109+44.76

CONTROL POINT #78
 STA. 108+72.13, 12.49' LT.
 N 1384155.19
 E 2122155.37
 ELEV. = 701.51

EXIST. CURVE C36
 PI STA. = 109+85.82
 $\Delta = 4^\circ 43' 51''$ (RT)
 D = 14° 19' 26"
 R = 400.00'
 T = 16.52'
 L = 33.03'
 E = 0.34'
 P.C. STA. = 109+69.30
 P.T. STA. = 110+02.33

TREE REMOVAL (EXISTING)		
STA.	OFFSET	SIZE
109+40.78LT	14'	10"

- SURFACE REMOVAL
- GATE REMOVAL
- PROPOSED GATE



EXIST. CURVE C37
 PI STA. = 111+77.80
 $\Delta = 86^\circ 13' 29''$ (LT)
 D = 76° 23' 40"
 R = 75.00'
 T = 70.21'
 L = 112.87'
 E = 27.74'
 P.C. STA. = 111+07.58
 P.T. STA. = 112+20.45

CONTROL POINT #21
 STA. 111+55.23, 16.68' RT.
 N 1383912.55
 E 2122319.75
 ELEV. = 708.22

TUBULAR STEEL GATE (20FT.)
 STA. 111+55 RT, 1 EACH

GATE REMOVAL
 STA. 111+55 RT, 1 EACH

SURFACE REMOVAL 2", SPECIAL
 STA. 111+36 TO STA. 111+68 RT, 30.7 SQ. YD.

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	38	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 38 OF 162 SHEETS	STA. 107+50 TO STA. 114+25			

- PRECAST CONCRETE PARKING BLOCK
- PROPOSED GUARD POST
- ⊠ SCARIFY EXISTING SURFACE
- //// GUARDRAIL REMOVAL

GUARD POSTS		
STA.	OFFSET	EACH
117+82.79	36.99	1
117+87.88	40.89	1
117+92.53	45.35	1

SCARIFY EXISTING SURFACE
 STA. 117+55 LT. TO STA. 118+48 LT, 261.2 SQ. YD.

REMOVE AND REINSTALL PARKING BLOCKS
 STA. 117+85 LT. TO STA. 117+93 LT, 2 EACH

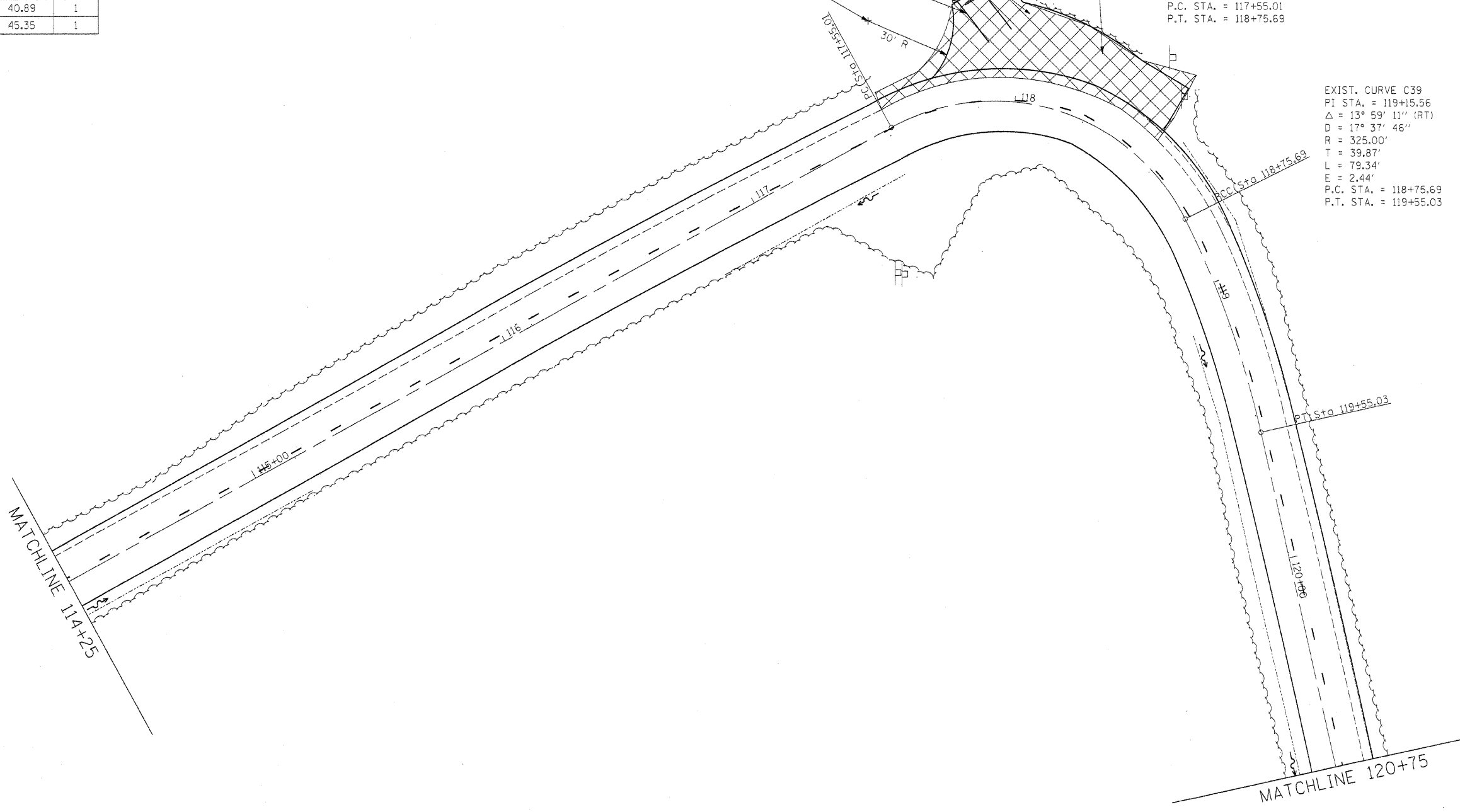
STEEL PLATE BEAM GUARDRAIL REMOVAL
 STA. 117+82 LT. TO STA. 117+91 LT, 9 FT.

PAINT PAVEMENT MARKING LINE 6"
 STA. 117+83 LT. TO STA. 117+96 LT, 36'
 STA. 117+62.21, 36.92' LT.

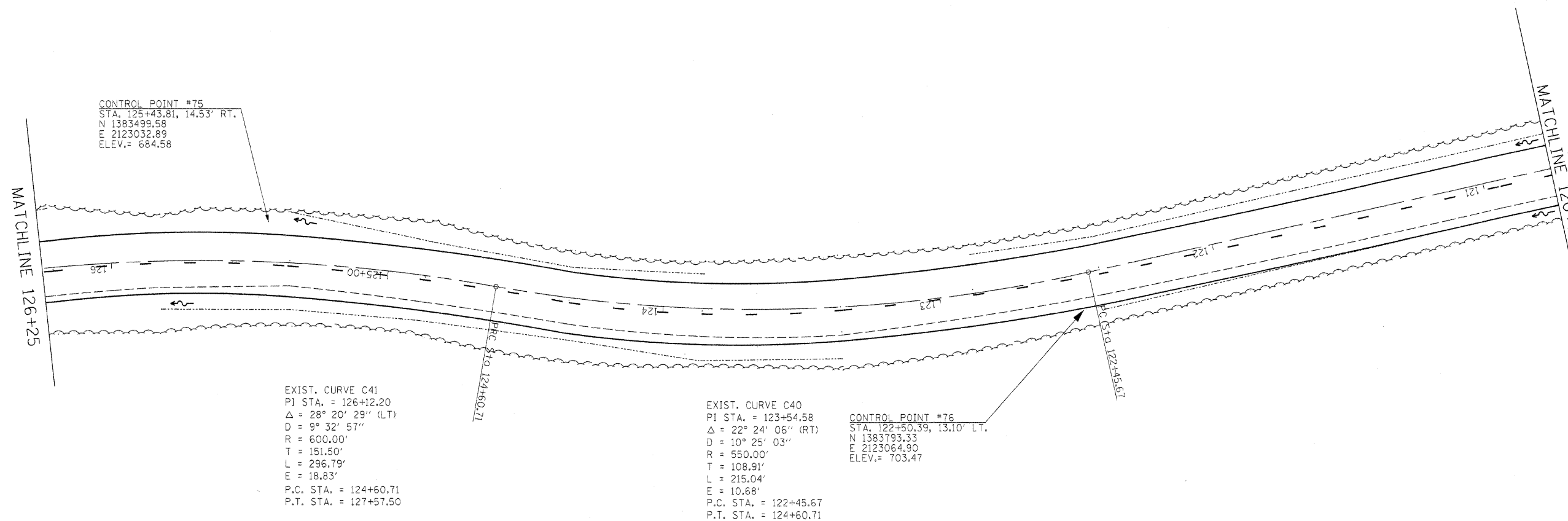
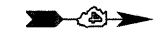
CONTROL POINT #77
 STA. 118+22.20, 24.09' LT.
 N 1384211.29
 E 2122932.12
 ELEV.= 709.21

EXIST. CURVE C38
 PI STA. = 118+32.94
 $\Delta = 92^\circ 11' 39''$ (RT)
 D = 76° 23' 40"
 R = 75.00'
 T = 77.93'
 L = 120.68'
 E = 33.16'
 P.C. STA. = 117+55.01
 P.T. STA. = 118+75.69

EXIST. CURVE C39
 PI STA. = 119+15.56
 $\Delta = 13^\circ 59' 11''$ (RT)
 D = 17° 37' 46"
 R = 325.00'
 T = 39.87'
 L = 79.34'
 E = 2.44'
 P.C. STA. = 118+75.69
 P.T. STA. = 119+55.03



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	39	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 39 OF 162 SHEETS		STA. 114+25 TO STA. 120+75		



CONTROL POINT #75
 STA. 125+43.81, 14.53' RT.
 N 1383499.58
 E 2123032.89
 ELEV.= 684.58





EXIST. CURVE C41
 PI STA. = 126+12.20
 $\Delta = 28^\circ 20' 29''$ (LT)
 $D = 9^\circ 32' 57''$
 $R = 600.00'$
 $T = 151.50'$
 $L = 296.79'$
 $E = 18.83'$
 P.C. STA. = 124+60.71
 P.T. STA. = 127+57.50

EXIST. CURVE C40
 PI STA. = 123+54.58
 $\Delta = 22^\circ 24' 06''$ (RT)
 $D = 10^\circ 25' 03''$
 $R = 550.00'$
 $T = 108.91'$
 $L = 215.04'$
 $E = 10.68'$
 P.C. STA. = 122+45.67
 P.T. STA. = 124+60.71

CONTROL POINT #76
 STA. 122+50.39, 13.10' LT.
 N 1383793.33
 E 2123064.90
 ELEV.= 703.47

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	DRAWN - J.T.T.	REVISED -	ARGYLE LAKE STATE PARK			MCDONOUGH	162	40		
PLOT SCALE = *SCALE*	CHECKED - T.T.P.	REVISED -	CONTRACT NO. 46158							
PLOT DATE = *DATE*	DATE - 12/09/10	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE: 1" = 20'		SHEET NO. 40 OF 162 SHEETS		STA. 120+75 TO STA. 126+25		

TREE REMOVAL		
STA.	OFFSET	SIZE
129+55.16RT	22'	8"
129+62.22RT	19'	6"

-  STONE RIPRAP
-  DEBRIS REMOVAL
-  CLASS D PATCHES
-  STEEL PLATE BEAM GUARDRAIL REMOVAL



MATCHLINE 126+25

EXIST. CURVE C42
 PI STA. = 128+42.02
 $\Delta = 68^\circ 07' 55''$ (LT)
 $D = 45^\circ 50' 12''$
 $R = 125.00'$
 $T = 84.52'$
 $L = 148.64'$
 $E = 25.89'$
 P.C. STA. = 127+57.50
 P.T. STA. = 129+06.14

PIPE CULVERTS, CLASS A TYPE 1 30"
 STA. 132+34
 50 FOOT
 U.S.F.L. = 622.30
 D.S.F.L. = 620.80
 END SECTIONS, 2 EACH

DEBRIS REMOVAL 0'-3' DEEP
 STA. 132+34 LT, 15 CU. YD.

WOOD SIGN SUPPORT
 STA. 132+40, 18' LT, 16 FOOT

SIGN PANEL TYPE 1
 STA. 132+40, 18' LT, 6.25 SQ. FT. (W5-1)

PIPE AND INLET PROTECTION
 STA. LT. 132+34, 1 EACH

SIGN PANEL TYPE 1
 STA. 132+00, 17' LT, 1.5 SQ. FT. (W1-8L)

WOOD SIGN SUPPORT
 STA. 132+00, 17' LT, 16 FOOT

PIPE AND INLET PROTECTION
 STA. LT. 129+53, 1 EACH

PIPE CULVERTS, CLASS A TYPE 1 18"
 STA. 129+53
 FOOT, 26
 U.S.F.L. = 630.6
 D.S.F.L. = 630.0
 END SECTION, 1 EACH

DEBRIS REMOVAL 0'-3' DEEP
 STA. 129+53 LT, 3.5 CU. YD.

TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
 STA. 127+73 TO STA. 127+98 RT, 1 EACH

STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)
 STA. 127+98 RT. TO STA. 132+48 RT, 450 FT.

CONTROL POINT #74
 STA. 128+65.86, 16.00' RT.
 N 1383196.69
 E 2123143.56
 ELEV. = 636.90

SIGN PANEL TYPE 1
 STA. 129+40, 14' RT, 6.25 SQ. FT. (W5-1)

WOOD SIGN SUPPORT
 STA. 129+40, 14' RT, 16 FOOT

PIPE CULVERTS, CLASS A TYPE 1 18"
 STA. 129+53
 FOOT, 34
 U.S.F.L. = 618.50
 D.S.F.L. = 617.50
 END SECTION, 1 EACH

EXIST. CURVE C43
 PI STA. = 129+66.38
 $\Delta = 14^\circ 27' 21''$ (LT)
 $D = 12^\circ 03' 44''$
 $R = 475.00'$
 $T = 60.24'$
 $L = 119.84'$
 $E = 3.80'$
 P.C. STA. = 129+06.14
 P.T. STA. = 130+25.98

WOOD SIGN SUPPORT
 STA. 129+80, 12' RT, 16 FOOT

SIGN PANEL TYPE 1
 STA. 129+80, 12' RT, 1.5 SQ. FT. (W1-8L)

PIPE CULVERT REMOVAL (18" CMP)
 STA. 129+53
 67 FEET

MANHOLES, TYPE A, 4'-DIAMETER, TIFCL
 STA. 129+53.78, 11' RT
 ELEVATION : 633.5
 1 EACH

PERIMETER EROSION CONTROL
 STA. 129+53, 40 FT

CLASS D PATCHES, TYPE IV, 10 INCH
 STA. 129+46 TO STA. 129+58, 26.7 SQ. YD.

STONE RIPRAP CLASS A-3
 STA. 129+53 RT, 13 SQ. YD.

STEEL PLATE BEAM GUARDRAIL REMOVAL
 STA. 127+73 RT. TO STA. 132+73 RT, 500 FT.

CLASS D PATCHES, TYPE IV, 10 INCH
 STA. 132+27 TO STA. 132+41, 28.0 SQ. YD.

PIPE CULVERT REMOVAL (18" CMP)
 STA. 132+34
 46 FT

STONE RIPRAP CLASS A-3
 STA. 132+28 RT, 31.0 SQ. YD.

PERIMETER EROSION CONTROL
 STA. RT. 132+28, 40 FT

TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
 STA. 132+48 TO STA. 132+73 RT, 1 EACH

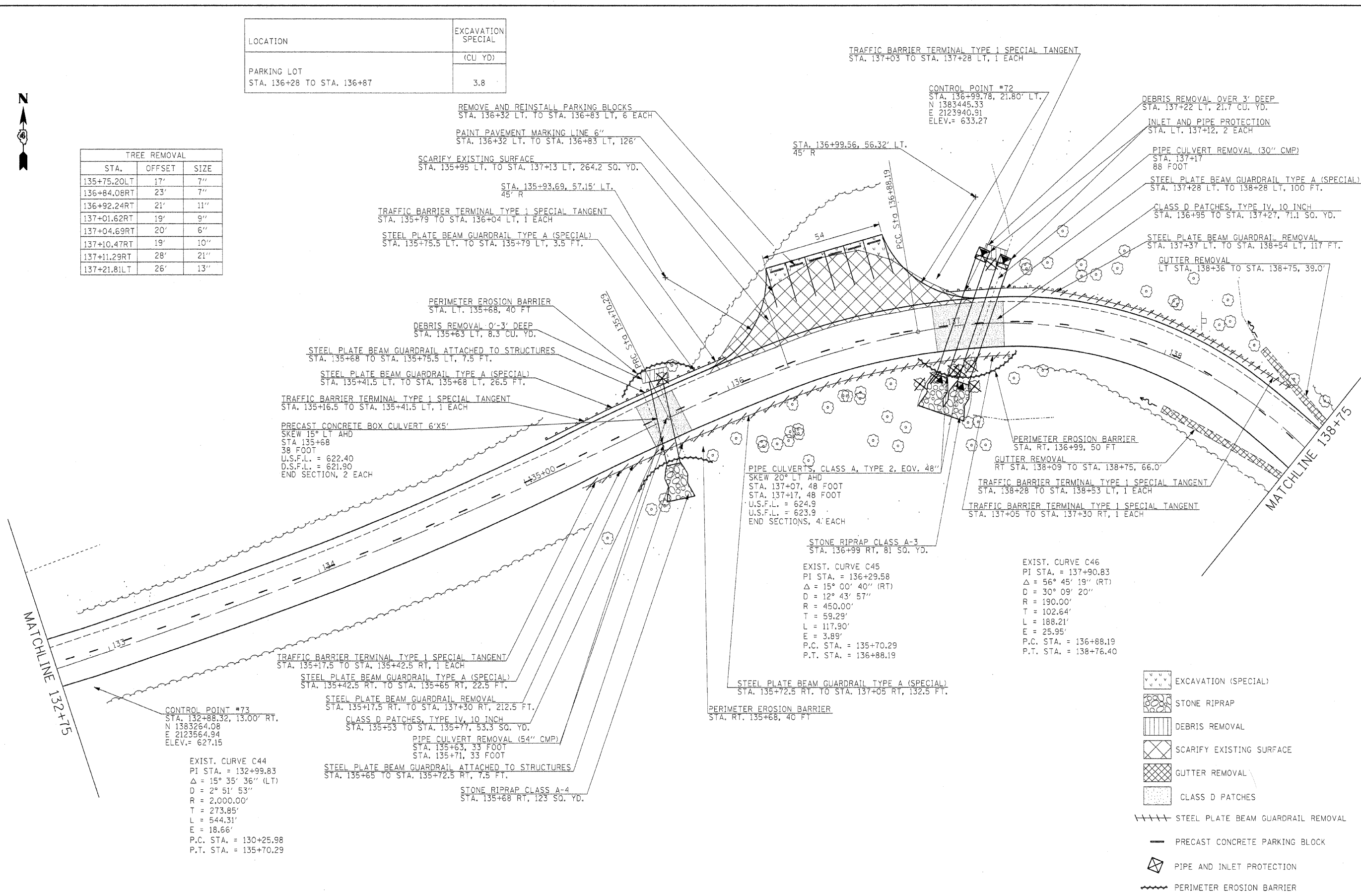
MATCHLINE 131+25.1

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	41	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 41 OF 162 SHEETS	STA. 126+25 TO STA. 132+75			



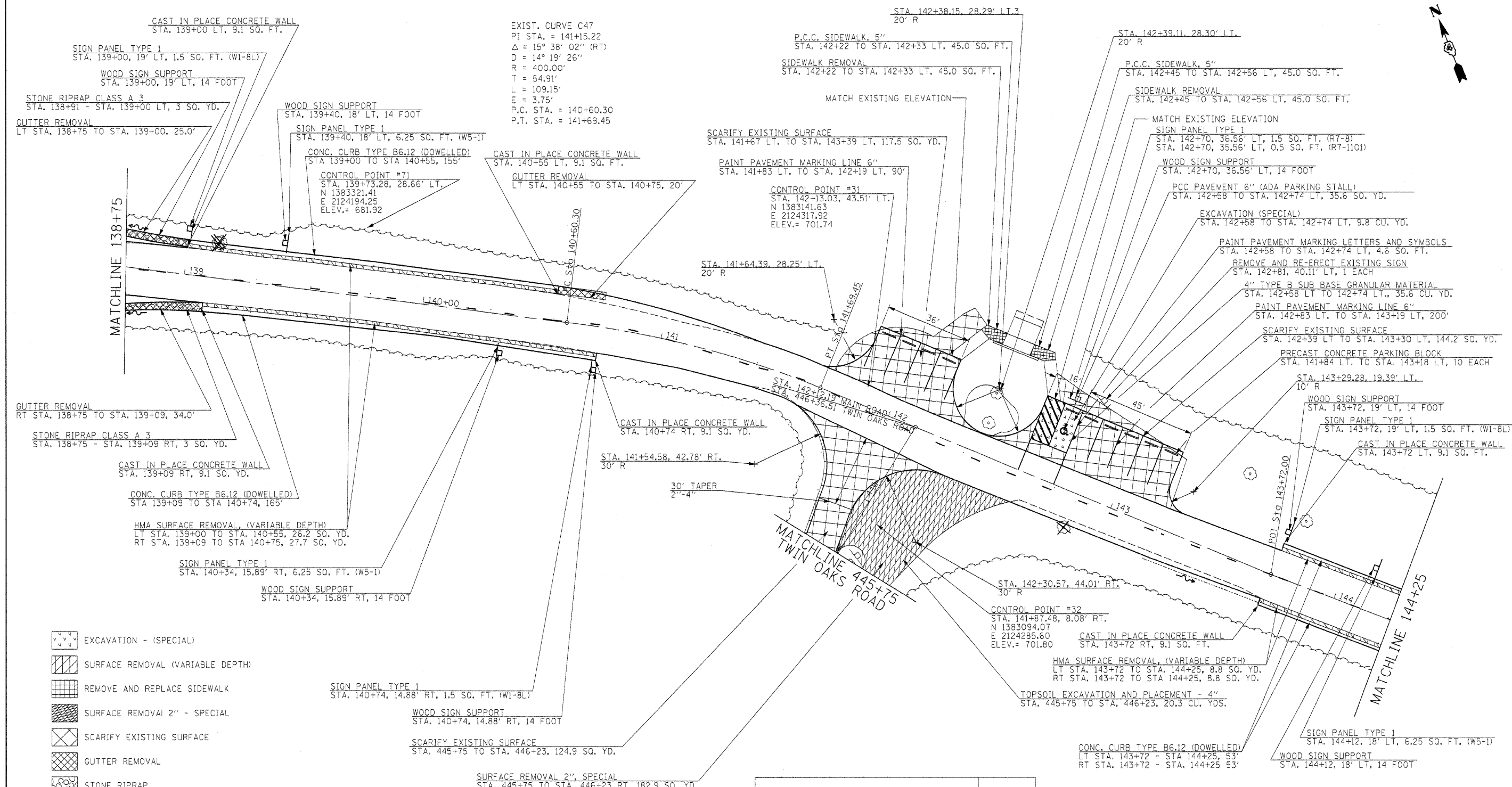
LOCATION	EXCAVATION SPECIAL
	(CU YD)
PARKING LOT STA. 136+28 TO STA. 136+87	3.8

TREE REMOVAL		
STA.	OFFSET	SIZE
135+75.20LT	17'	7"
136+84.08RT	23'	7"
136+92.24RT	21'	11"
137+01.62RT	19'	9"
137+04.69RT	20'	6"
137+10.47RT	19'	10"
137+11.29RT	28'	21"
137+21.81LT	26'	13"



- EXCAVATION (SPECIAL)
- STONE RIPRAP
- DEBRIS REMOVAL
- SCARIFY EXISTING SURFACE
- GUTTER REMOVAL
- CLASS D PATCHES
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PRECAST CONCRETE PARKING BLOCK
- PIPE AND INLET PROTECTION
- PERIMETER EROSION BARRIER

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	42	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 42 OF 162 SHEETS		STA. 132+75 TO STA. 138+75		






- EXCAVATION - (SPECIAL)
- SURFACE REMOVAL (VARIABLE DEPTH)
- REMOVE AND REPLACE SIDEWALK
- SURFACE REMOVAL 2" - SPECIAL
- SCARIFY EXISTING SURFACE
- GUTTER REMOVAL
- STONE RIPRAP
- PRECAST CONCRETE PARKING BLOCK

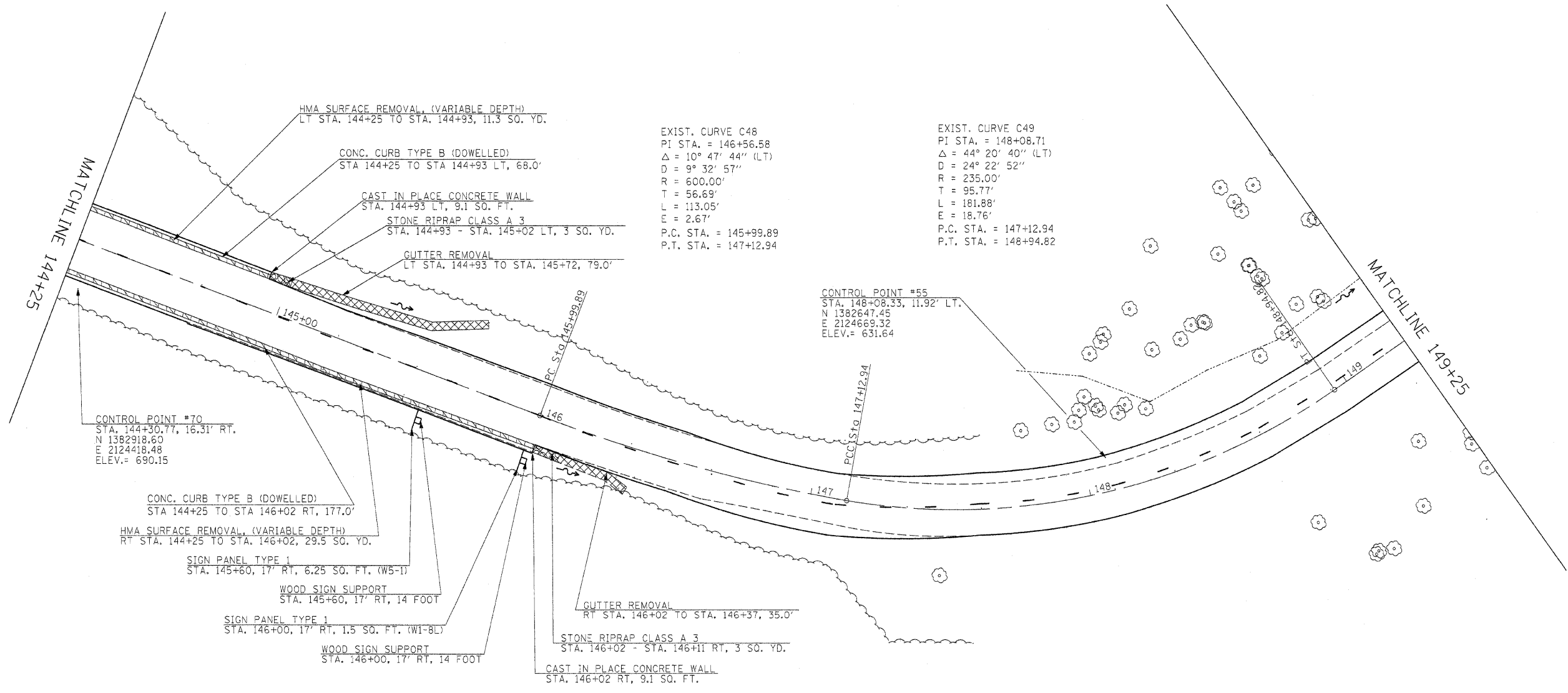
TREE REMOVAL		
STA.	OFFSET	SIZE
139+12.39LT	14'	9"
139+13.35LT	15'	7"
142+84.89RT	15'	36"

LOCATION	EXCAVATION SPECIAL (CU YD)
PARKING LOT STA. 142+58 TO STA. 142+74	9.8

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	43	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT			
					SCALE: 1" = 20'	SHEET NO. 43 OF 162 SHEETS	STA. 138+75 TO STA. 144+25			



-  STONE RIPRAP
-  SURFACE REMOVAL (VARIABLE DEPTH)
-  GUTTER REMOVAL



EXIST. CURVE C48
 PI STA. = 146+56.58
 $\Delta = 10^\circ 47' 44''$ (LT)
 $D = 9^\circ 32' 57''$
 $R = 600.00'$
 $T = 56.69'$
 $L = 113.05'$
 $E = 2.67'$
 P.C. STA. = 145+99.89
 P.T. STA. = 147+12.94

EXIST. CURVE C49
 PI STA. = 148+08.71
 $\Delta = 44^\circ 20' 40''$ (LT)
 $D = 24^\circ 22' 52''$
 $R = 235.00'$
 $T = 95.77'$
 $L = 181.88'$
 $E = 18.76'$
 P.C. STA. = 147+12.94
 P.T. STA. = 148+94.82

CONTROL POINT #55
 STA. 148+08.35, 11.92' LT.
 N 1382647.45
 E 2124669.32
 ELEV. = 631.64

CONTROL POINT #70
 STA. 144+30.77, 16.31' RT.
 N 1382918.60
 E 2124418.48
 ELEV. = 690.15

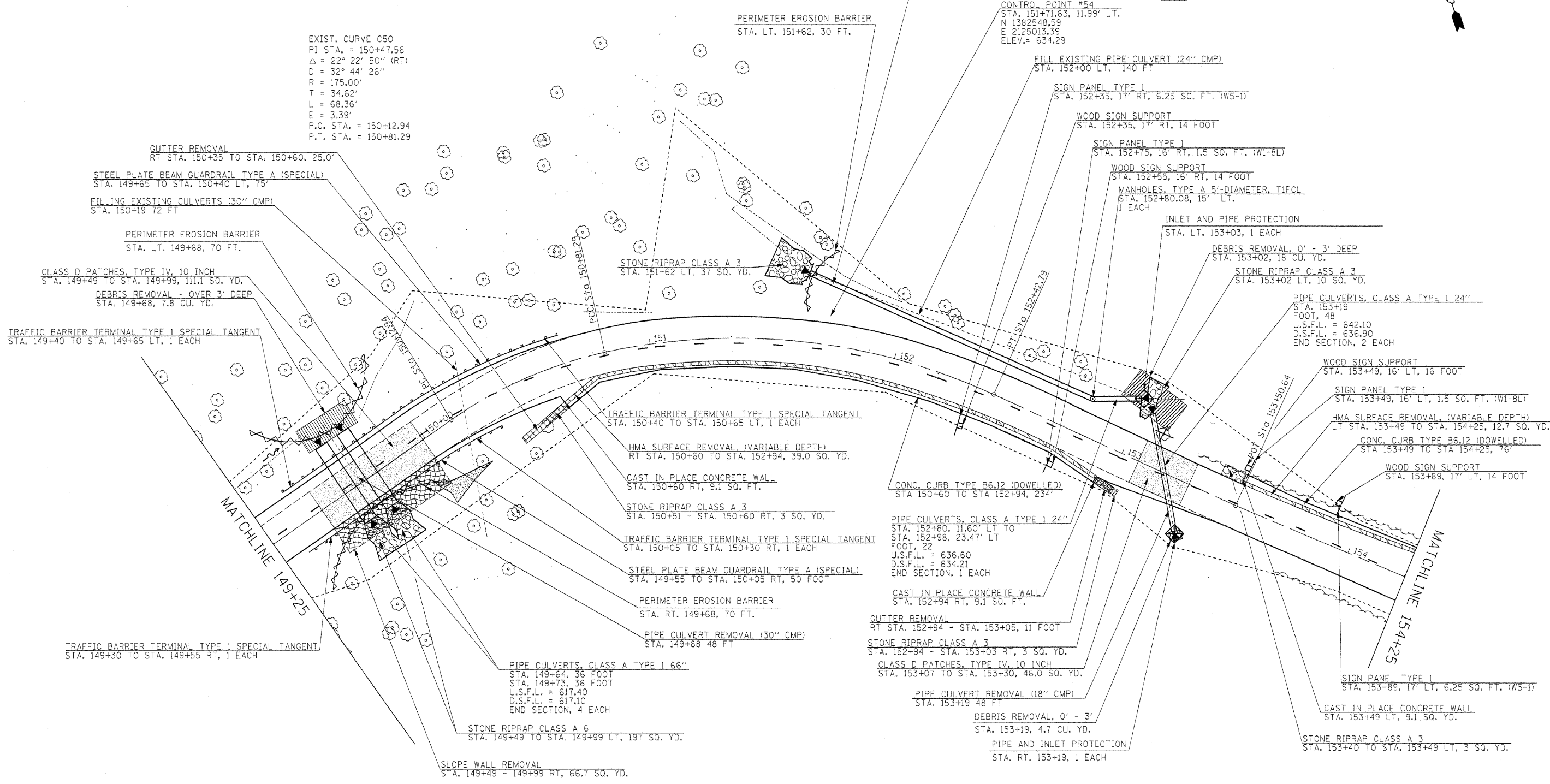
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	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -					ARGYLE LAKE STATE PARK	MCDONOUGH	162	44	
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 44 OF 162 SHEETS	STA. 144+25 TO STA. 149+25					

TREE REMOVAL		
STA.	OFFSET	SIZE
153+11.97LT	14'	22"

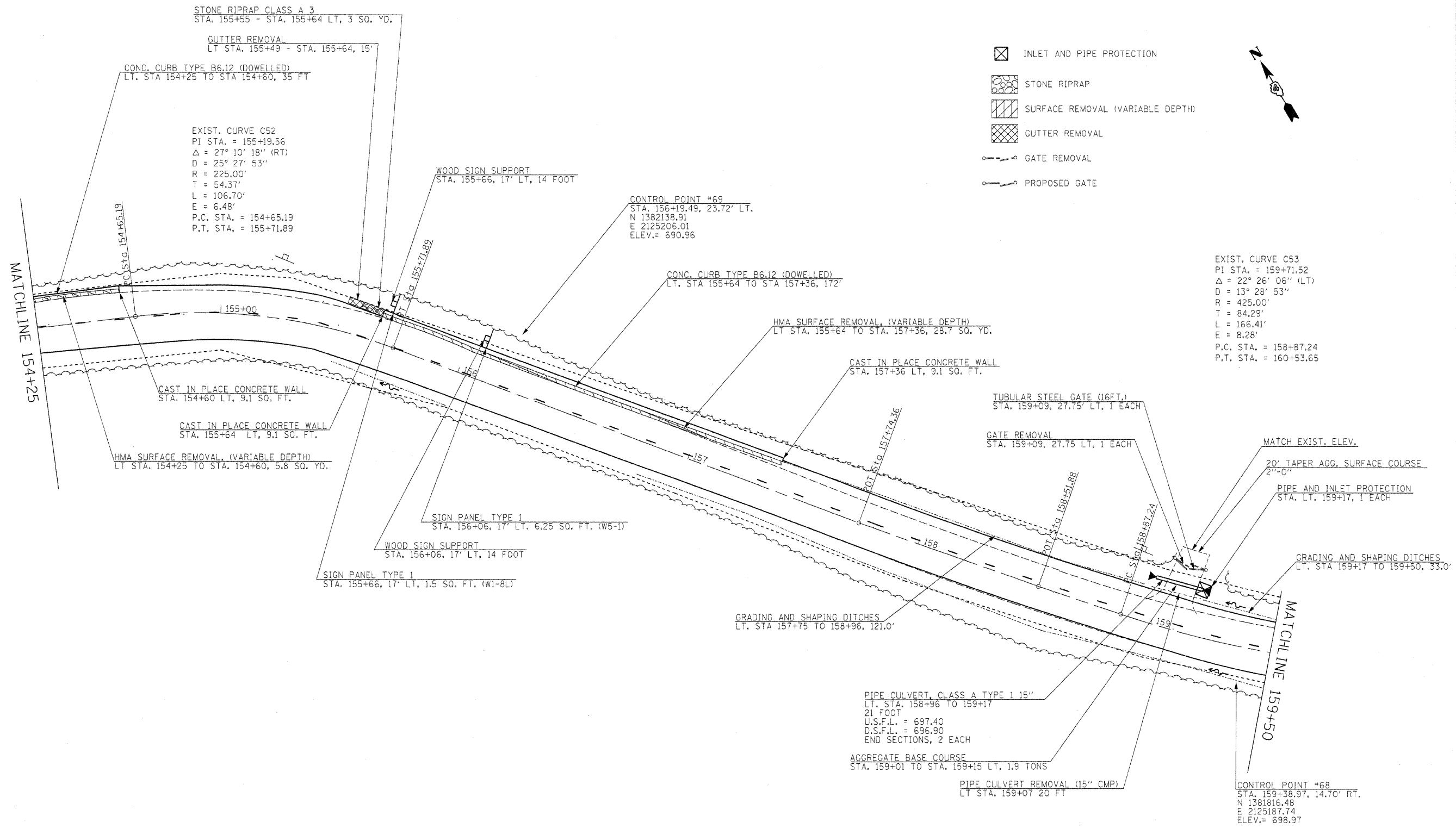
EXIST. CURVE C51
 PI STA. = 151+64.97
 $\Delta = 37^\circ 00' 45''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 83.68'$
 $L = 161.50'$
 $E = 13.63'$
 P.C. STA. = 150+81.29
 P.T. STA. = 152+42.79

EXIST. CURVE C50
 PI STA. = 150+47.56
 $\Delta = 22^\circ 22' 50''$ (RT)
 $D = 32^\circ 44' 26''$
 $R = 175.00'$
 $T = 34.62'$
 $L = 68.36'$
 $E = 3.39'$
 P.C. STA. = 150+12.94
 P.T. STA. = 150+81.29

- PERIMETER EROSION CONTROL
- PIPE AND INLET PROTECTION
- STONE RIPRAP
- SURFACE REMOVAL (VARIABLE DEPTH)
- GUTTER REMOVAL
- SLOPE WALL REMOVAL
- DEBRIS REMOVAL



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DRAWN - J.T.T.	REVISED -				ARGYLE LAKE STATE PARK	MCDONOUGH	162	45	
PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -				CONTRACT NO. 46158				
PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 45 OF 162 SHEETS	STA. 149+25 TO STA. 154+25		



- INLET AND PIPE PROTECTION
- STONE RIPRAP
- SURFACE REMOVAL (VARIABLE DEPTH)
- GUTTER REMOVAL
- GATE REMOVAL
- PROPOSED GATE

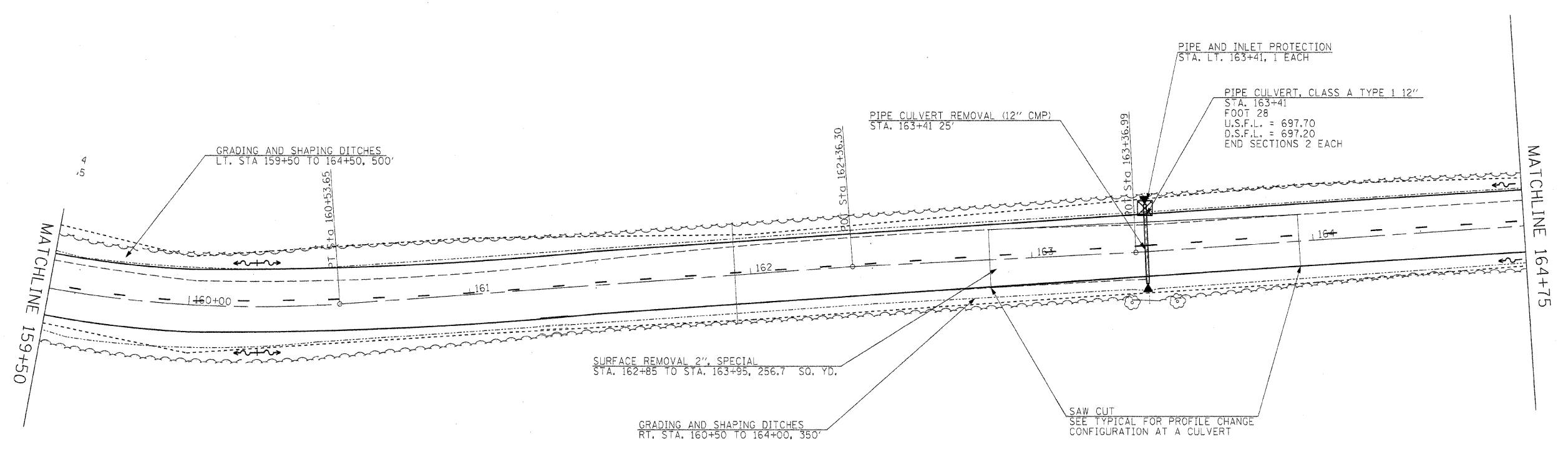
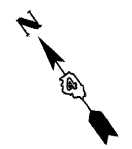
EXIST. CURVE C53
 PI STA. = 159+71.52
 $\Delta = 22^\circ 26' 06''$ (LT)
 D = 13° 28' 53"
 R = 425.00'
 T = 84.29'
 L = 166.41'
 E = 8.28'
 P.C. STA. = 158+87.24
 P.T. STA. = 160+53.65

EXIST. CURVE C52
 PI STA. = 155+19.56
 $\Delta = 27^\circ 10' 18''$ (RT)
 D = 25° 27' 53"
 R = 225.00'
 T = 54.37'
 L = 106.70'
 E = 6.48'
 P.C. STA. = 154+65.19
 P.T. STA. = 155+71.89

CONTROL POINT #68
 STA. 159+38.97, 14.70' RT.
 N 1381816.48
 E 2125187.74
 ELEV. = 698.97

CONTROL POINT #69
 STA. 156+19.49, 23.72' LT.
 N 1382138.91
 E 2125206.01
 ELEV. = 690.96

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	46	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20' SHEET NO. 46 OF 162 SHEETS STA. 154+25 TO STA. 159+50				



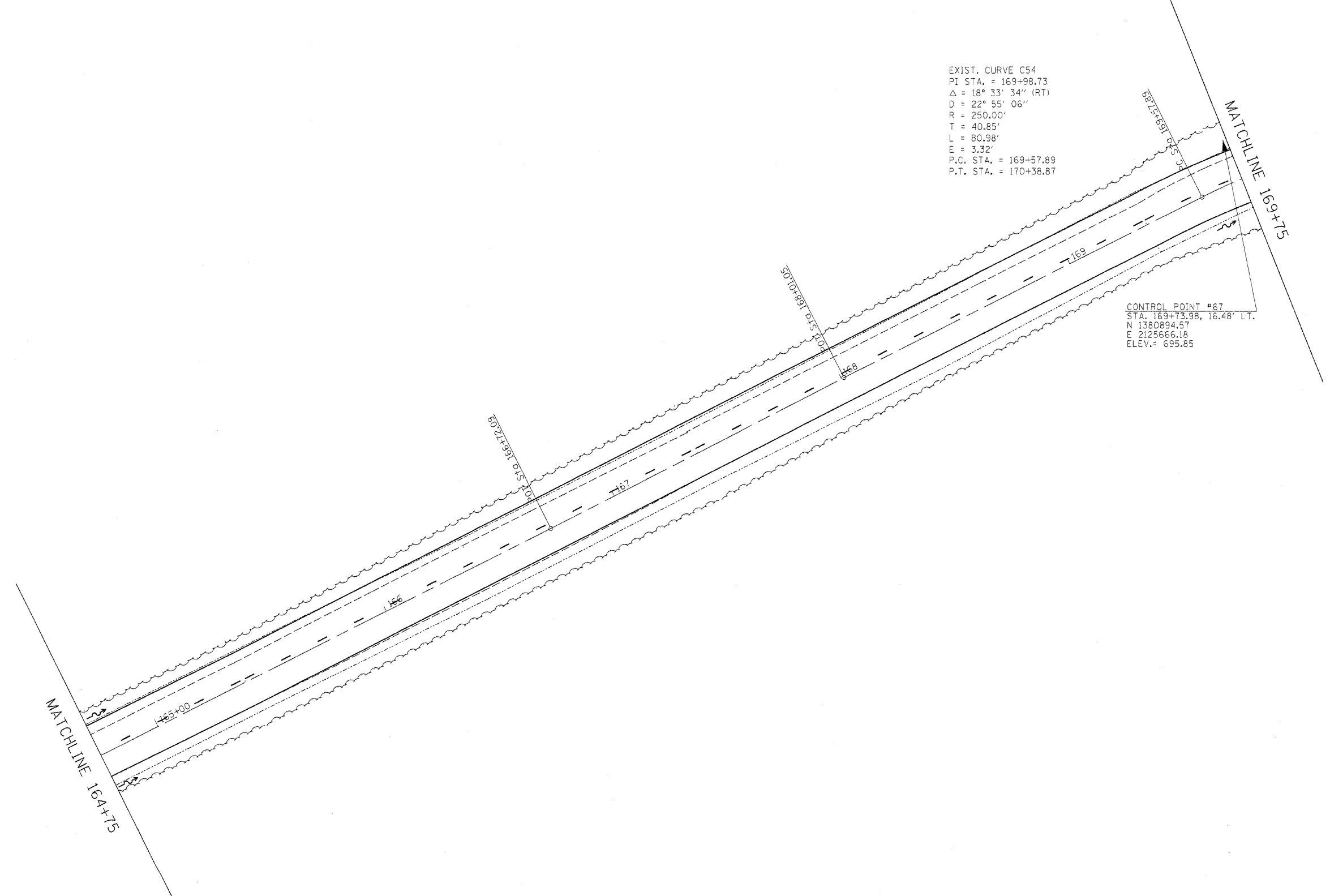
- PIPE AND INLET PROTECTION
- SURFACE REMOVAL 2" - SPECIAL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20' SHEET NO. 47 OF 162 SHEETS STA. 159+50 TO STA. 164+75			ARGYLE LAKE STATE PARK		MCDONOUGH	162	47
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158			ILLINOIS FED. AID PROJECT	
		DATE - 12/09/10	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					



EXIST. CURVE C54
 PI STA. = 169+98.73
 $\Delta = 18^\circ 33' 34''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 40.85'$
 $L = 80.98'$
 $E = 3.32'$
 P.C. STA. = 169+57.89
 P.T. STA. = 170+38.87

CONTROL POINT #67
 STA. 169+73.98, 16.48' LT.
 N 1380894.57
 E 2125666.18
 ELEV. = 695.85









FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILEL#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -

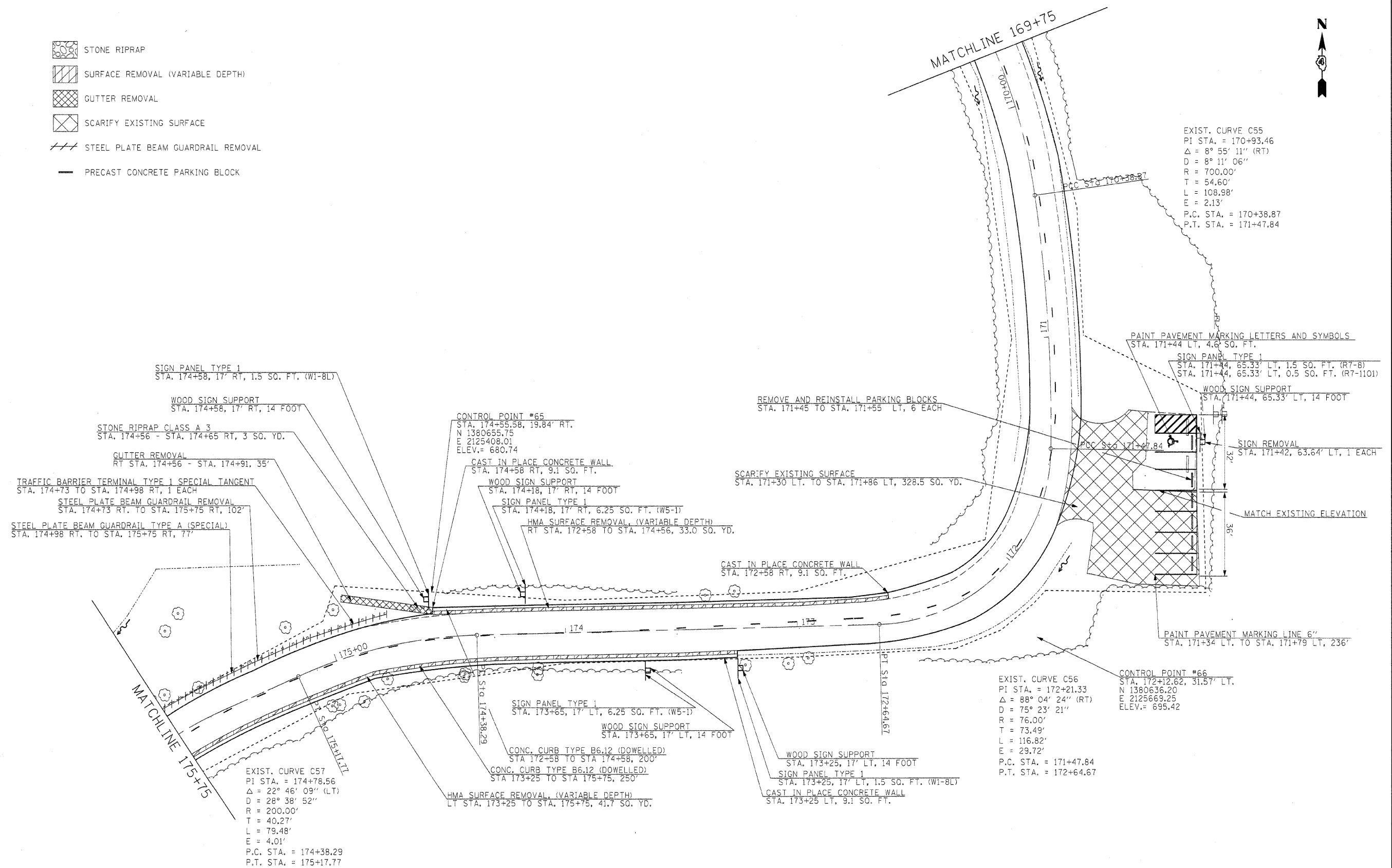
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ARGYLE LAKE STATE PARK
 MAIN ROAD**

SCALE: 1" = 20' SHEET NO. 48 OF 162 SHEETS STA. 164+75 TO STA. 169+75








F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	48
FED. ROAD DIST. NO.			CONTRACT NO. 46158	
ILLINOIS			FED. AID PROJECT	

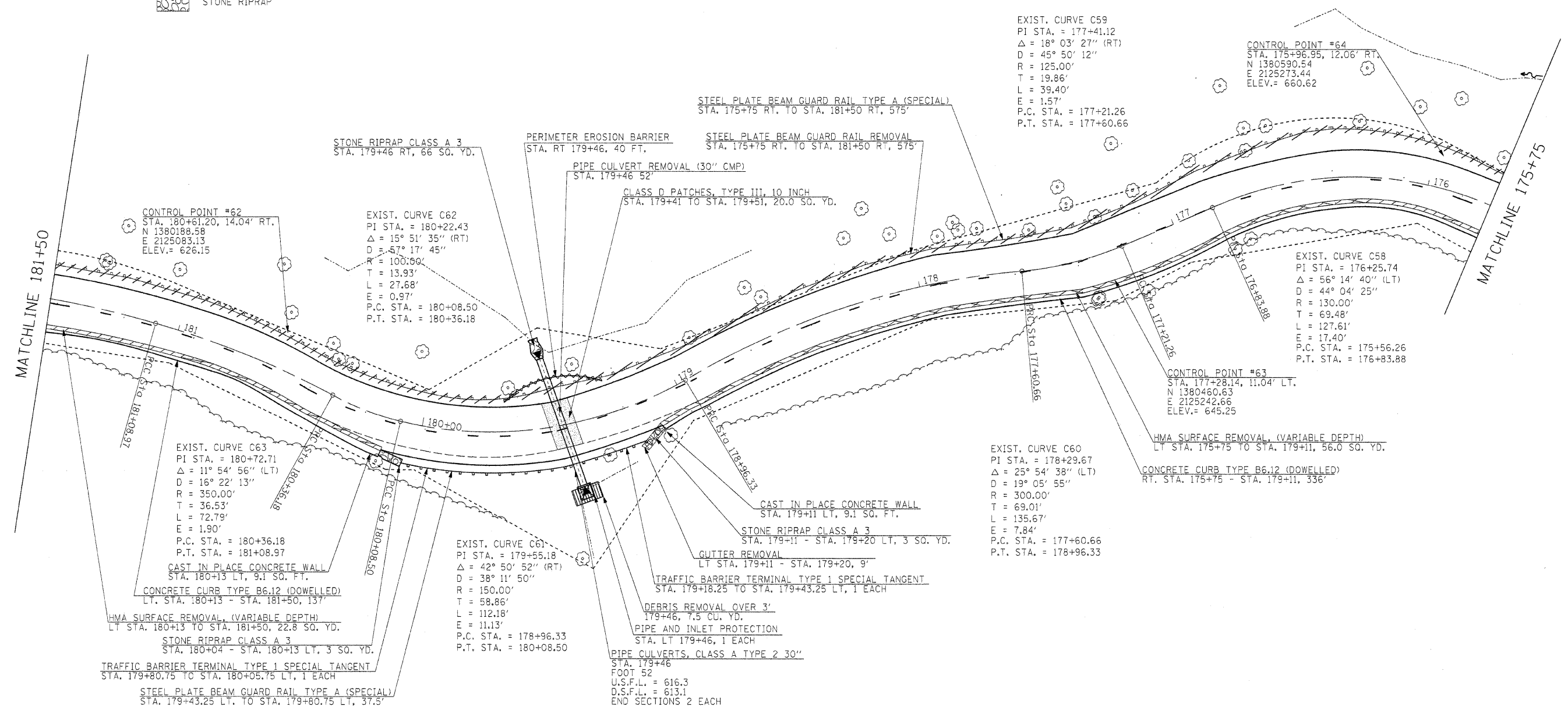
-  STONE RIPRAP
-  SURFACE REMOVAL (VARIABLE DEPTH)
-  GUTTER REMOVAL
-  SCARIFY EXISTING SURFACE
-  STEEL PLATE BEAM GUARDRAIL REMOVAL
-  PRECAST CONCRETE PARKING BLOCK



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	49	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 49 OF 162 SHEETS	STA. 169+75 TO STA. 175+75			



-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  STEEL PLATE BEAM GUARDRAIL REMOVAL
-  CLASS D PATCHES
-  GUTTER REMOVAL
-  SURFACE REMOVAL (VARIABLE DEPTH)
-  STONE RIPRAP



EXIST. CURVE C59
 PI STA. = 177+41.12
 $\Delta = 18^\circ 03' 27''$ (RT)
 $D = 45^\circ 50' 12''$
 $R = 125.00'$
 $T = 19.86'$
 $L = 39.40'$
 $E = 1.57'$
 P.C. STA. = 177+21.26
 P.T. STA. = 177+60.66

CONTROL POINT #64
 STA. 175+96.95, 12.06' RT.
 N 1380590.54
 E 2125273.44
 ELEV. = 660.62

CONTROL POINT #62
 STA. 180+61.20, 14.04' RT.
 N 1380188.58
 E 2125083.13
 ELEV. = 626.15

EXIST. CURVE C62
 PI STA. = 180+22.43
 $\Delta = 15^\circ 51' 35''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 13.93'$
 $L = 27.68'$
 $E = 0.97'$
 P.C. STA. = 180+08.50
 P.T. STA. = 180+36.18

CLASS D PATCHES, TYPE III, 10 INCH
 STA. 179+41 TO STA. 179+51, 20.0 SQ. YD.

EXIST. CURVE C58
 PI STA. = 176+25.74
 $\Delta = 56^\circ 14' 40''$ (LT)
 $D = 44^\circ 04' 25''$
 $R = 130.00'$
 $T = 69.48'$
 $L = 127.61'$
 $E = 17.40'$
 P.C. STA. = 175+56.26
 P.T. STA. = 176+83.88

CONTROL POINT #63
 STA. 177+28.14, 11.04' LT.
 N 1380460.63
 E 2125242.66
 ELEV. = 645.25

EXIST. CURVE C63
 PI STA. = 180+72.71
 $\Delta = 11^\circ 54' 56''$ (LT)
 $D = 16^\circ 22' 13''$
 $R = 350.00'$
 $T = 36.53'$
 $L = 72.79'$
 $E = 1.90'$
 P.C. STA. = 180+36.18
 P.T. STA. = 181+08.97

EXIST. CURVE C60
 PI STA. = 178+29.67
 $\Delta = 25^\circ 54' 38''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 69.01'$
 $L = 135.67'$
 $E = 7.84'$
 P.C. STA. = 177+60.66
 P.T. STA. = 178+96.33

CAST IN PLACE CONCRETE WALL
 STA. 180+13 LT, 9.1 SQ. FT.
 CONCRETE CURB TYPE B6.12 (DOWELLED)
 LT. STA. 180+13 - STA. 181+50, 137'
 HMA SURFACE REMOVAL (VARIABLE DEPTH)
 LT STA. 180+13 TO STA. 181+50, 22.8 SQ. YD.
 STONE RIPRAP CLASS A 3
 STA. 180+04 - STA. 180+13 LT, 3 SQ. YD.
 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
 STA. 179+80.75 TO STA. 180+05.75 LT, 1 EACH
 STEEL PLATE BEAM GUARD RAIL TYPE A (SPECIAL)
 STA. 179+43.25 LT. TO STA. 179+80.75 LT, 37.5'

EXIST. CURVE C61
 PI STA. = 179+55.18
 $\Delta = 42^\circ 50' 52''$ (RT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 58.86'$
 $L = 112.18'$
 $E = 11.13'$
 P.C. STA. = 178+96.33
 P.T. STA. = 180+08.50

CAST IN PLACE CONCRETE WALL
 STA. 179+11 LT, 9.1 SQ. FT.
 STONE RIPRAP CLASS A 3
 STA. 179+11 - STA. 179+20 LT, 3 SQ. YD.
 GUTTER REMOVAL
 LT STA. 179+11 - STA. 179+20, 9'
 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
 STA. 179+18.25 TO STA. 179+43.25 LT, 1 EACH
 DEBRIS REMOVAL OVER 3"
 179+46, 7.5 CU. YD.
 PIPE AND INLET PROTECTION
 STA. LT 179+46, 1 EACH
 PIPE CULVERTS, CLASS A TYPE 2 30"
 STA. 179+46
 FOOT 52
 U.S.F.L. = 616.3
 D.S.F.L. = 613.1
 END SECTIONS 2 EACH

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	50	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 50 OF 162 SHEETS	STA. 175+75 TO STA. 181+50			

- ||||| STEEL PLATE BEAM GUARDRAIL REMOVAL
- ▨ SURFACE REMOVAL (VARIABLE DEPTH)

EXIST. CURVE C68
 PI STA. = 187+38.97
 $\Delta = 27^\circ 09' 12''$ (RT)
 D = 38' 11" 50"
 R = 150.00'
 T = 36.22'
 L = 71.09'
 E = 4.31'
 P.C. STA. = 187+02.75
 P.T. STA. = 187+73.84

CONTROL POINT #59
 STA. 186+85.42, 11.43' LT.
 N 1379893.43
 E 2125185.94
 ELEV. = 664.21

CAST IN PLACE CONCRETE WALL
 STA. 186+54 LT, 9.1 SO. FT.

HMA SURFACE REMOVAL (VARIABLE DEPTH)
 LT STA. 181+50 TO STA. 186+54, 84.0 SO. YD.

EXIST. CURVE C67
 PI STA. = 186+24.89
 $\Delta = 16^\circ 11' 55''$ (RT)
 D = 28' 38" 52"
 R = 200.00'
 T = 28.46'
 L = 56.54'
 E = 2.02'
 P.C. STA. = 185+96.43
 P.T. STA. = 186+52.97

EXIST. CURVE C65
 PI STA. = 184+02.35
 $\Delta = 70^\circ 09' 35''$ (LT)
 D = 81' 51" 04"
 R = 70.00'
 T = 49.16'
 L = 85.72'
 E = 15.54'
 P.C. STA. = 183+53.19
 P.T. STA. = 184+38.91

CONCRETE CURB TYPE B6.12 (DOWELLED)
 LT. STA. 181+50 TO STA. 186+54, 504'

EXIST. CURVE C66
 PI STA. = 184+88.56
 $\Delta = 52^\circ 48' 25''$ (LT)
 D = 57' 17" 45"
 R = 100.00'
 T = 49.65'
 L = 92.17'
 E = 11.65'
 P.C. STA. = 184+38.91
 P.T. STA. = 185+31.08

EXIST. CURVE C64
 PI STA. = 182+34.83
 $\Delta = 34^\circ 07' 46''$ (LT)
 D = 13' 58" 28"
 R = 410.00'
 T = 125.86'
 L = 244.22'
 E = 18.88'
 P.C. STA. = 181+08.97
 P.T. STA. = 183+53.19

CONTROL POINT #61
 STA. 183+26.25, 12.05' RT.
 N 1379976.46
 E 2124918.37
 ELEV. = 651.12

CONTROL POINT #60
 STA. 184+49.51, 14.38' RT.
 N 1379851.68
 E 2124949.78
 ELEV. = 664.23

- STEEL PLATE BEAM GUARDRAIL REMOVAL
 STA. 181+50 RT. TO STA. 182+03 RT, 53'
- STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL)
 STA. 181+50 RT. TO STA. 181+85.5 RT, 35.5'
- TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
 STA. 181+85.5 TO STA. 182+10.5 RT, 1 EACH



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAKE ARGYLE LAKE STATE PARK MAIN ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 51 OF 162 SHEETS	STA. 181+50 TO STA. 187+50	ARGYLE LAKE STATE PARK	MCDONOUGH	162	51	
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -					ILLINOIS FED. AID PROJECT				



* NOTE:
SEE PAGE 84 FOR OAK FLATS ROAD QUANTITIES

MATCH EXISTING ELEVATION
20' TAPER AGG. SURFACE COURSE
2" - 4"
SURFACE REMOVAL 2", SPECIAL
STA. 188+62 LT. TO STA. 189+04 LT., 60.8 SQ. YD.

GATE REMOVAL
STA. 188+37, 14.24 LT., 1 EACH

MATCH TO OAK FLATS ROAD
MATCH TO SHEET 84

P.C.C. SIDEWALK, 5"
STA. 191+13 TO STA. 191+21 LT., 45.0 SQ. FT.
SIDEWALK REMOVAL
STA. 191+13 TO STA. 191+21 LT., 45.0 SQ. FT.

P.C.C. SIDEWALK, 5"
STA. 191+30 TO STA. 191+37 LT., 45.0 SQ. FT.
SIDEWALK REMOVAL
STA. 191+30 TO STA. 191+37 LT., 45.0 SQ. FT.

WOOD SIGN SUPPORT
STA. 191+26, 23.80' LT., 14 FOOT
SIGN PANEL TYPE 1, (NOTE "A")
STA. 191+26, 23.80' LT., 1 SQ. FT.

CONTROL POINT #58
STA. 191+38.91, 19.80' LT.
N 1379546.43
E 2125415.43
ELEV. = 695.64

EXIST. CURVE C69
PI STA. = 188+71.66
 $\Delta = 55^\circ 04' 28''$ (RT)
D = 45° 50' 12"
R = 125.00'
T = 65.17'
L = 120.15'
E = 15.97'
P.C. STA. = 188+06.49
P.T. STA. = 189+26.64

STA. 191+71.44, 37.55' RT.
25° R

EXIST. CURVE C70
PI STA. = 191+89.82
 $\Delta = 49^\circ 19' 37''$ (RT)
D = 34° 43' 29"
R = 165.00'
T = 75.76'
L = 142.05'
E = 16.56'
P.C. STA. = 191+14.06
P.T. STA. = 192+56.11

STA. 192+89.29, 17.33' RT.
5° R

TREE REMOVAL		
STA.	OFFSET	SIZE
187+57.62RT	13'	25"
188+41.10RT	19'	14"
188+44.04RT	12'	34"
188+50.14RT	12'	34"
188+65.39RT	12'	35"

- GATE REMOVAL
- REMOVE AND REPLACE SIDEWALK
- SURFACE REMOVAL
- SCARIFY SURFACE

NOTE "A": NOT A HANDICAP ACCESSIBLE ROUTE

EXCAVATION - (SPECIAL)
STA. 191+84 TO STA. 192+37.5 RT., 34.1 CU. YDS.

INSTALL PARKING BLOCKS
STA. 191+96.83, 1 EACH

STA. 192+18.08, 18.76' RT.
5° R

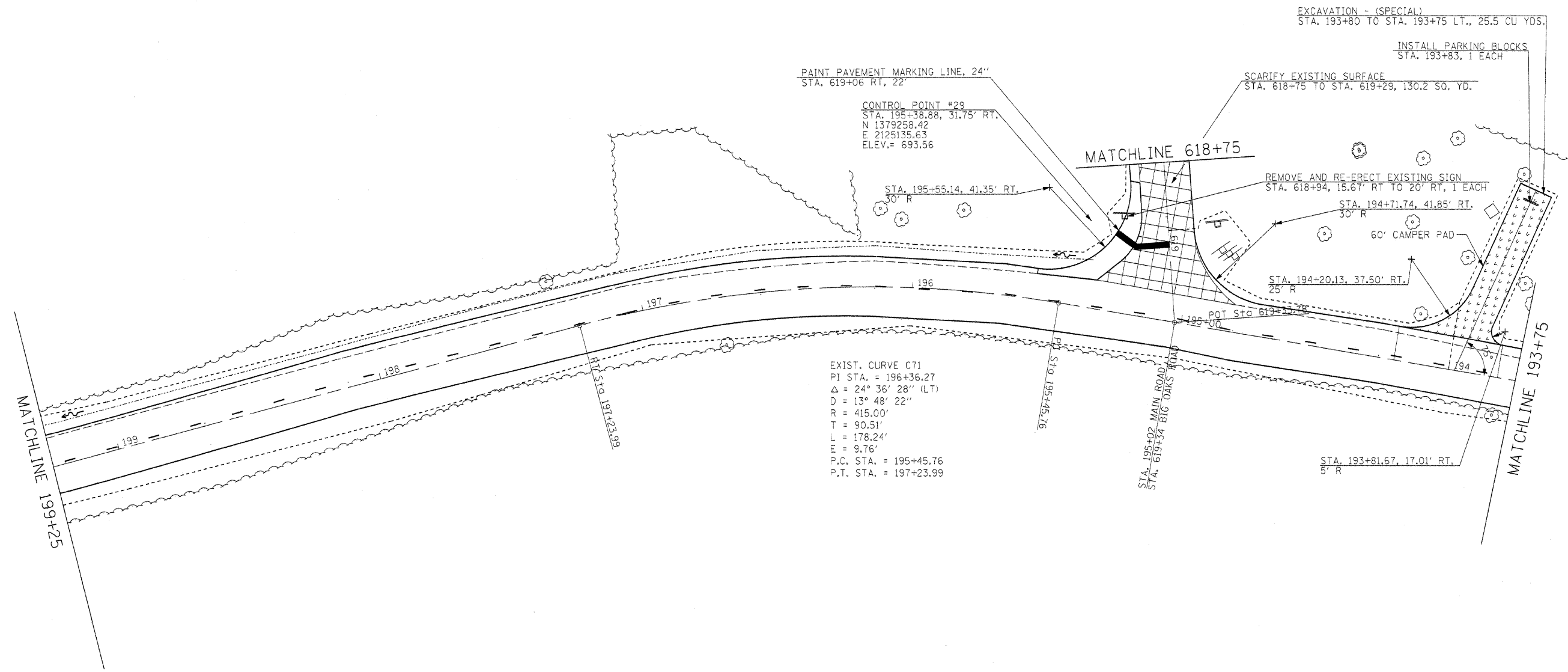
STA. 192+51.35, 39.42' RT.
25° R

EXCAVATION - (SPECIAL)
STA. 192+77 TO STA. 193+07 RT., 33 CU YDS

INSTALL PARKING BLOCKS
STA. 192+66.32, 1 EACH

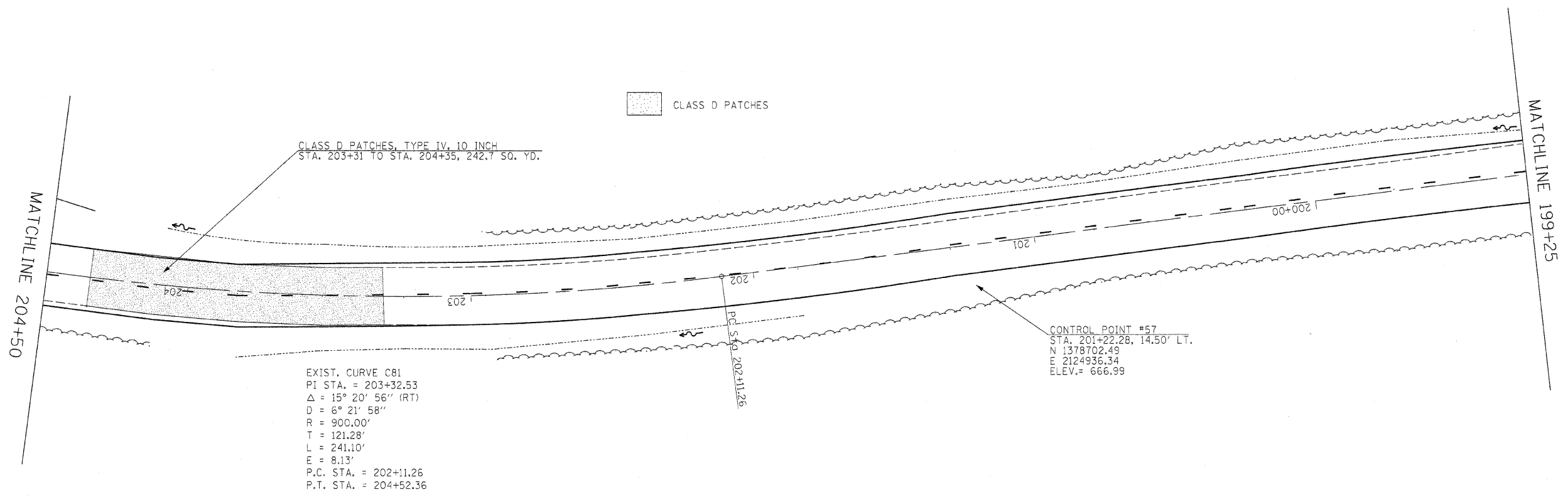
MATCHLINE 193+75

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	52	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'		SHEET NO. 52 OF 162 SHEETS	STA. 187+50 TO STA. 193+75	FED. ROAD DIST. NO.

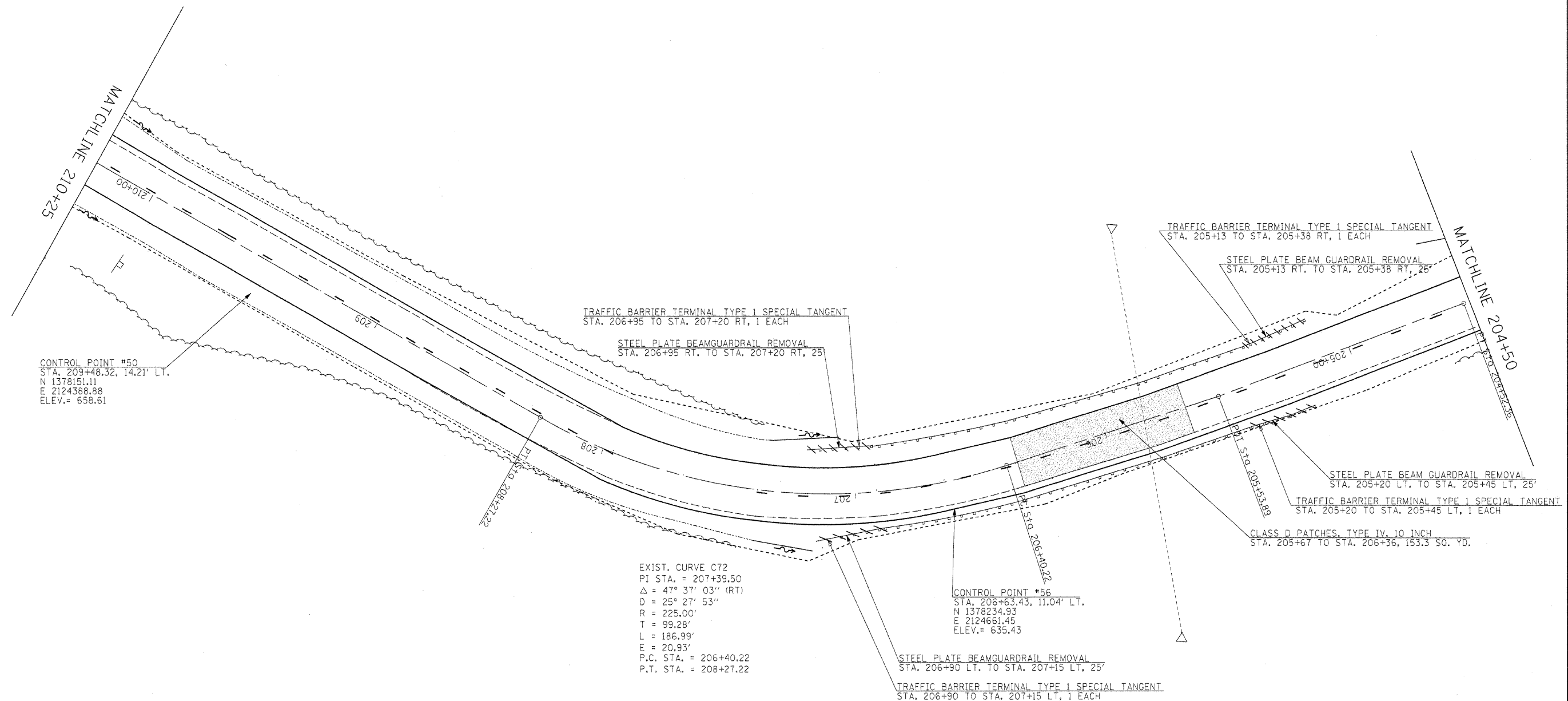


 SCARIFY EXISTING SURFACE

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	53		
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158					
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 53 OF 162 SHEETS	STA. 193+75 TO STA. 199+25			



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	54	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				SCALE: 1" = 20'	SHEET NO. 54 OF 162 SHEETS	STA. 199+25 TO STA. 204+50				

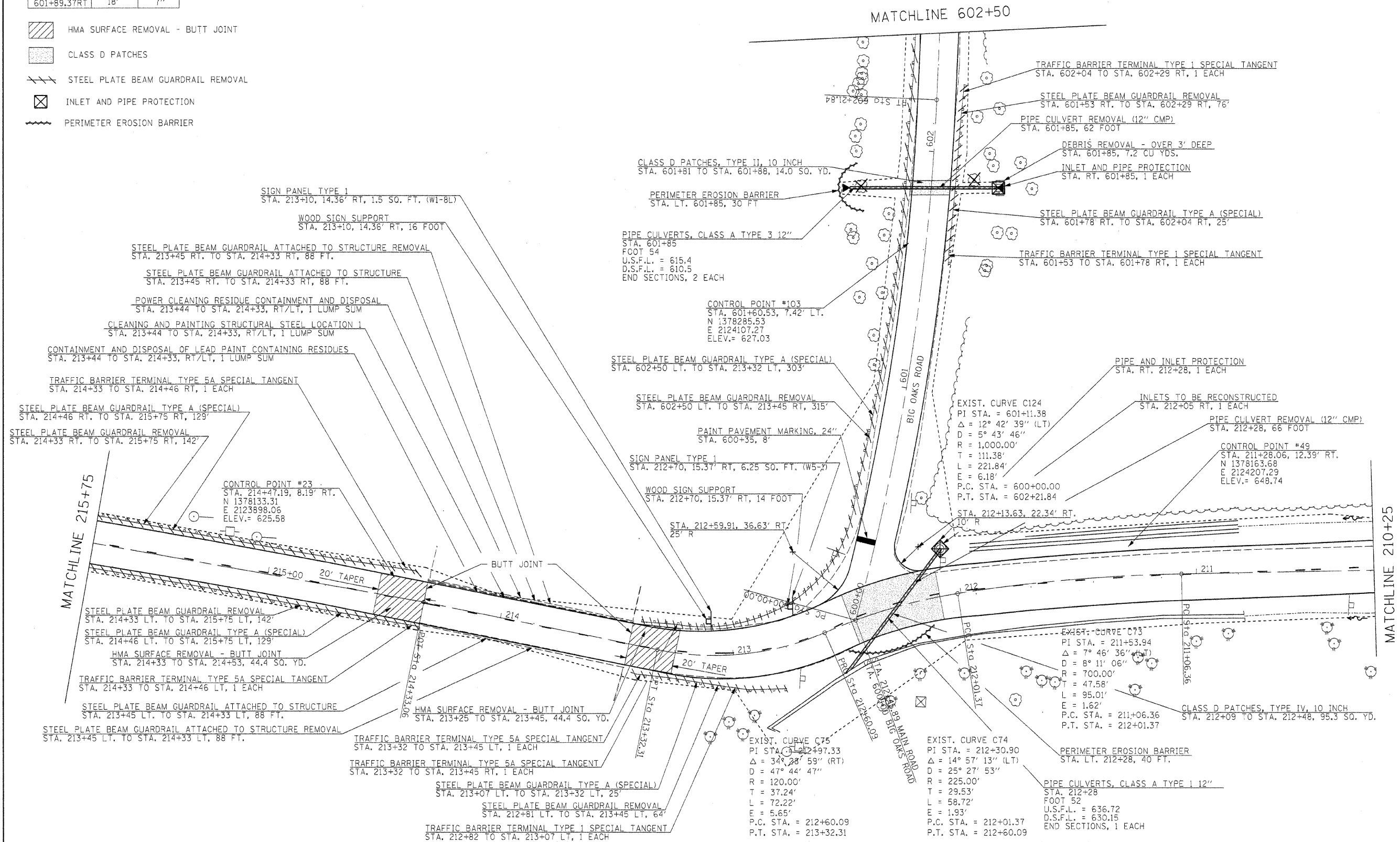


FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	55	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'	SHEET NO. 55 OF 162 SHEETS	STA. 204+50 TO STA. 210+25	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



TREE REMOVAL		
STA.	OFFSET	SIZE
601+82.94LT	29'	12"
601+89.37RT	18'	7"

- HMA SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	56			
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158						
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'			SHEET NO. 56 OF 162 SHEETS	STA. 210+25 TO STA. 215+75	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
STA. 220+83.5 TO STA. 221+08.5 RT, 1 EACH

EXIST. CURVE C77
PI STA. = 221+21.12
Δ = 24° 53' 05" (RT)
D = 24° 22' 52"
R = 235.00'
T = 51.85'
L = 102.07'
E = 5.65'
P.C. STA. = 220+69.27
P.T. STA. = 221+71.33

EXIST. CURVE C76
PI STA. = 219+78.33
Δ = 5° 12' 51" (LT)
D = 2° 51' 53"
R = 2,000.00'
T = 91.07'
L = 182.01'
E = 2.07'
P.C. STA. = 218+87.26
P.T. STA. = 220+69.27

CONTROL POINT #25
STA. 217+87.81, 9.77' RT.
N 137°17'5.41"
E 212°35'60.006"
ELEV. = 623.76

STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL)
STA. 215+75 RT. TO STA. 220+83.5 RT, 508.5'

STEEL PLATE BEAM GUARDRAIL REMOVAL
STA. 215+75 RT. TO STA. 221+05 RT, 530'

STEEL PLATE BEAM GUARDRAIL REMOVAL
STA. 215+75 LT. TO STA. 220+55 LT, 480'

STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL)
STA. 215+75 LT. TO STA. 219+83.5 LT, 408.5'





TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT
STA. 219+83.5 TO STA. 220+08.5 RT, 1 EACH

PAINT PAVEMENT MARKING LINE 6"
STA. 220+10 LT. TO STA. 220+57 LT, 189'

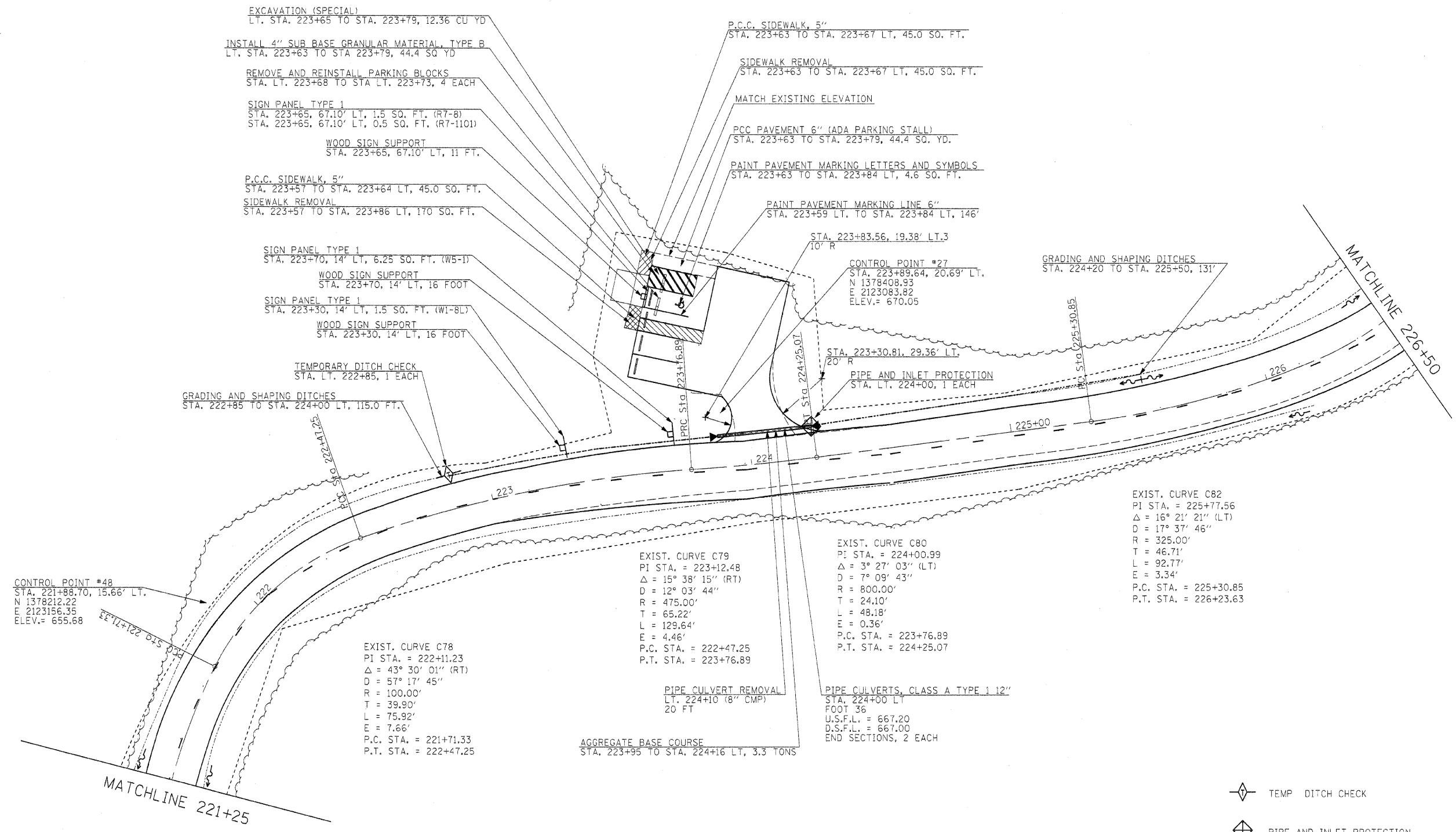
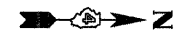
SCARIFY EXISTING SURFACE
STA. 220+10 TO STA. 220+97 LT, 273.0 SO. YD.

PRECAST CONCRETE PARKING BLOCK
STA. 220+24 LT. TO STA. 220+46 LT, 4 EACH

GUARD POSTS		
STA.	OFFSET	EACH
220+13	19.13'	1
220+22	29.86'	1
220+28	36.94'	1
220+34	43.70'	1
220+40	50.45'	1
220+46	57.18'	1

-  PRECAST CONCRETE PARKING BLOCK
-  STEEL PLATE BEAM GUARDRAIL REMOVAL
-  SCARIFY EXISTING SURFACE
-  PROPOSED GUARD POST

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	57	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'	SHEET NO. 57 OF 162 SHEETS	STA. 215+75 TO STA. 221+25	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



CONTROL POINT #48
 STA. 221+88.70, 15.66' LT.
 N 1378212.22
 E 2123156.35
 ELEV. = 655.68

GRADING AND SHAPING DITCHES
 STA. 222+85 TO STA. 224+00 LT, 115.0 FT.

SIGN PANEL TYPE 1
 STA. 223+70, 14' LT, 6.25 SQ. FT. (W5-1)
 WOOD SIGN SUPPORT
 STA. 223+70, 14' LT, 16 FOOT
 SIGN PANEL TYPE 1
 STA. 223+30, 14' LT, 1.5 SQ. FT. (W1-BL)
 WOOD SIGN SUPPORT
 STA. 223+30, 14' LT, 16 FOOT

EXCAVATION (SPECIAL)
 LT. STA. 223+65 TO STA. 223+79, 12.36 CU YD
 INSTALL 4" SUB BASE GRANULAR MATERIAL, TYPE B
 LT. STA. 223+63 TO STA. 223+79, 44.4 SQ YD
 REMOVE AND REINSTALL PARKING BLOCKS
 STA. LT. 223+68 TO STA. LT. 223+73, 4 EACH
 SIGN PANEL TYPE 1
 STA. 223+65, 67.10' LT, 1.5 SQ. FT. (R7-8)
 STA. 223+65, 67.10' LT, 0.5 SQ. FT. (R7-1101)
 WOOD SIGN SUPPORT
 STA. 223+65, 67.10' LT, 11 FT.
 P.C.C. SIDEWALK, 5"
 STA. 223+57 TO STA. 223+64 LT, 45.0 SQ. FT.
 SIDEWALK REMOVAL
 STA. 223+57 TO STA. 223+86 LT, 170 SQ. FT.

P.C.C. SIDEWALK, 5"
 STA. 223+63 TO STA. 223+67 LT, 45.0 SQ. FT.
 SIDEWALK REMOVAL
 STA. 223+63 TO STA. 223+67 LT, 45.0 SQ. FT.
 MATCH EXISTING ELEVATION
 PCC PAVEMENT 6" (ADA PARKING STALL)
 STA. 223+63 TO STA. 223+79, 44.4 SQ. YD.
 PAINT PAVEMENT MARKING LETTERS AND SYMBOLS
 STA. 223+63 TO STA. 223+84 LT, 4.6 SQ. FT.
 PAINT PAVEMENT MARKING LINE 6"
 STA. 223+59 LT. TO STA. 223+84 LT, 146'

CONTROL POINT #27
 STA. 223+89.64, 20.69' LT.
 N 1378408.93
 E 2123083.82
 ELEV. = 670.05

GRADING AND SHAPING DITCHES
 STA. 224+20 TO STA. 225+50, 131'

PIPE AND INLET PROTECTION
 STA. LT. 224+00, 1 EACH

EXIST. CURVE C79
 PI STA. = 223+12.48
 $\Delta = 15^\circ 38' 15''$ (RT)
 $D = 12^\circ 03' 44''$
 $R = 475.00'$
 $T = 65.22'$
 $L = 129.64'$
 $E = 4.46'$
 P.C. STA. = 222+47.25
 P.T. STA. = 223+76.89

EXIST. CURVE C80
 PI STA. = 224+00.99
 $\Delta = 3^\circ 27' 03''$ (LT)
 $D = 7^\circ 09' 43''$
 $R = 800.00'$
 $T = 24.10'$
 $L = 48.18'$
 $E = 0.36'$
 P.C. STA. = 223+76.89
 P.T. STA. = 224+25.07

EXIST. CURVE C82
 PI STA. = 225+77.56
 $\Delta = 16^\circ 21' 21''$ (LT)
 $D = 17^\circ 37' 46''$
 $R = 325.00'$
 $T = 46.71'$
 $L = 92.77'$
 $E = 3.34'$
 P.C. STA. = 225+30.85
 P.T. STA. = 226+23.63

EXIST. CURVE C78
 PI STA. = 222+11.23
 $\Delta = 43^\circ 30' 01''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 39.90'$
 $L = 75.92'$
 $E = 7.66'$
 P.C. STA. = 221+71.33
 P.T. STA. = 222+47.25

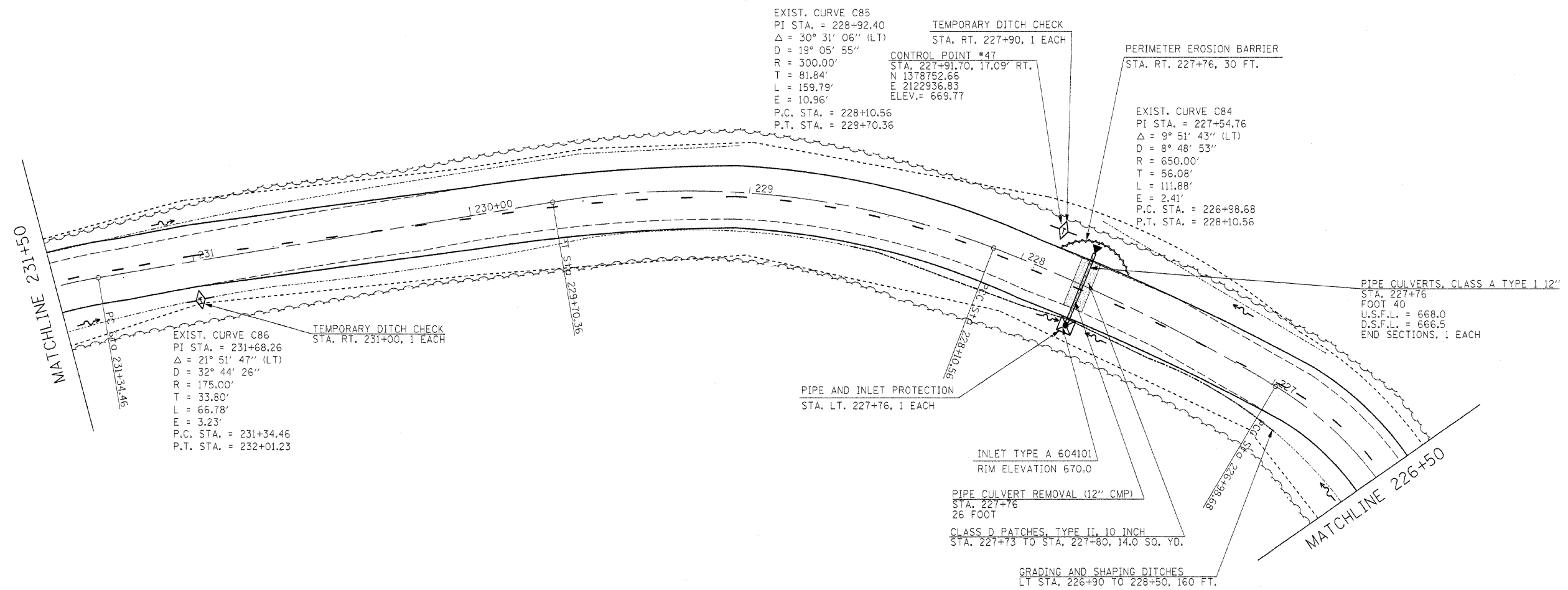
AGGREGATE BASE COURSE
 STA. 223+95 TO STA. 224+16 LT, 3.3 TONS

PIPE CULVERT REMOVAL
 LT. 224+10 (8" CMP)
 20 FT

PIPE CULVERTS, CLASS A TYPE 1 12"
 STA. 224+00 LT
 FOOT 36
 U.S.F.L. = 667.20
 D.S.F.L. = 667.00
 END SECTIONS, 2 EACH

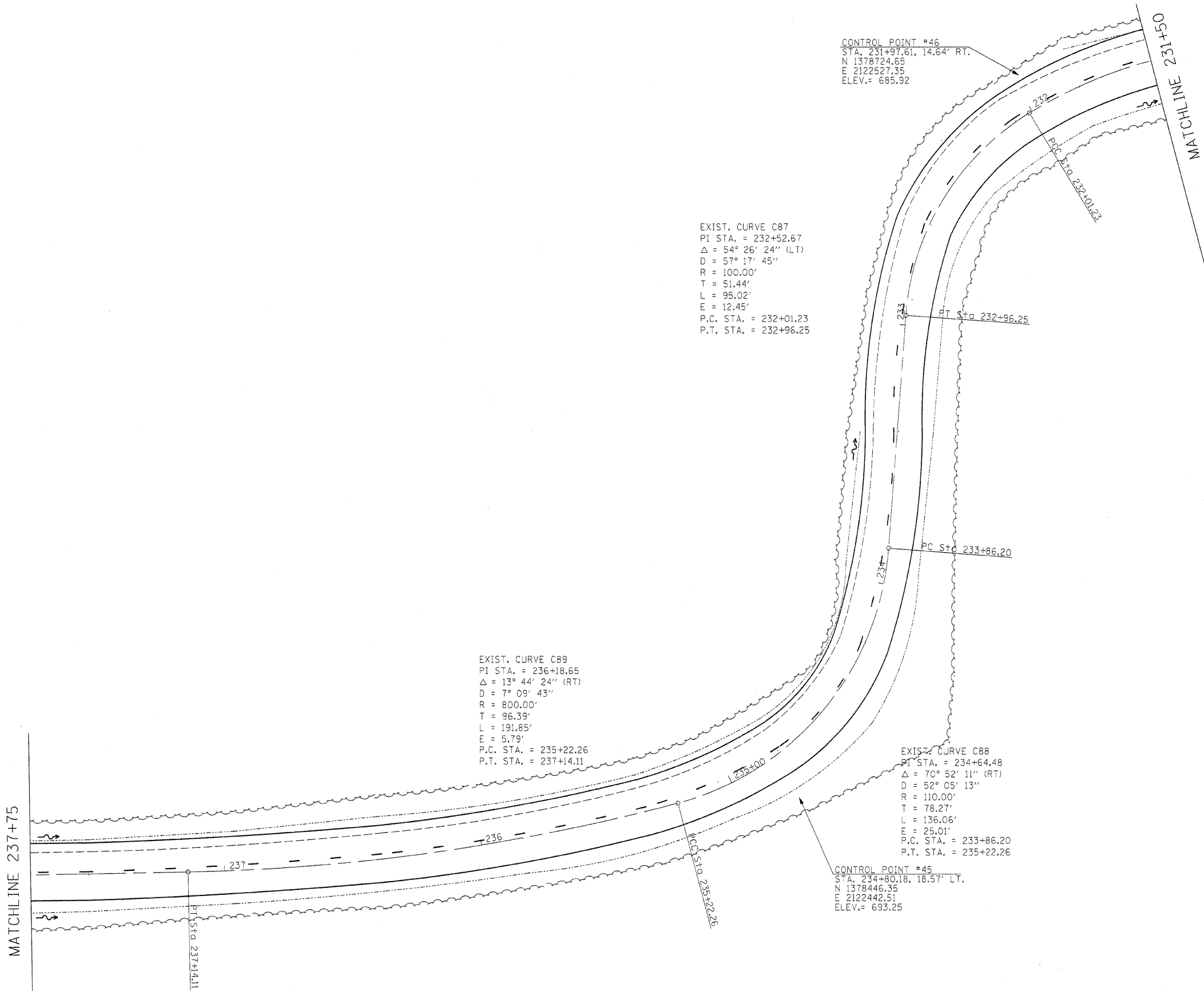
- TEMP DITCH CHECK
- PIPE AND INLET PROTECTION
- PRECAST CONCRETE PARKING BLOCK
- REMOVE AND REPLACE SIDEWALK
- HMA SURFACE REMOVAL - BUTT JOINT

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROADS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	58	
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
					SCALE: 1" = 20'	SHEET NO. 58 OF 162 SHEETS	STA. 221+25 TO STA. 226+50			



- PIPE AND INLET PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL
- CLASS D PATCHES

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	59	
PLOT DATE = #DATE#	DATE - 12/09/10	CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
						SCALE: 1" = 20'	SHEET NO. 59 OF 162 SHEETS	STA. 226+50 TO STA. 231+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



CONTROL POINT #46
 STA. 231+97.61, 14.64' RT.
 N 1378724.65
 E 2122527.35
 ELEV. = 685.92

EXIST. CURVE C87
 PI STA. = 232+52.67
 $\Delta = 54^\circ 26' 24''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 51.44'$
 $L = 95.02'$
 $E = 12.45'$
 P.C. STA. = 232+01.23
 P.T. STA. = 232+96.25

EXIST. CURVE C89
 PI STA. = 236+18.65
 $\Delta = 13^\circ 44' 24''$ (RT)
 $D = 7^\circ 09' 43''$
 $R = 800.00'$
 $T = 96.39'$
 $L = 191.85'$
 $E = 5.79'$
 P.C. STA. = 235+22.26
 P.T. STA. = 237+14.11

EXIST. CURVE C88
 PI STA. = 234+64.48
 $\Delta = 70^\circ 52' 11''$ (RT)
 $D = 52^\circ 05' 13''$
 $R = 110.00'$
 $T = 78.27'$
 $L = 136.06'$
 $E = 25.01'$
 P.C. STA. = 233+86.20
 P.T. STA. = 235+22.26








CONTROL POINT #45
 STA. 234+80.18, 18.57' LT.
 N 1378446.35
 E 2122442.51
 ELEV. = 693.25

MATCHLINE 237+75

MATCHLINE 231+50

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -					ARGYLE LAKE STATE PARK	MCDONOUGH	162	60	
PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -	CONTRACT NO. 46158		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
	DATE - 12/09/10	REVISED -	SCALE: 1" = 20'		SHEET NO. 60 OF 162 SHEETS	STA. 231+50 TO STA. 237+75						

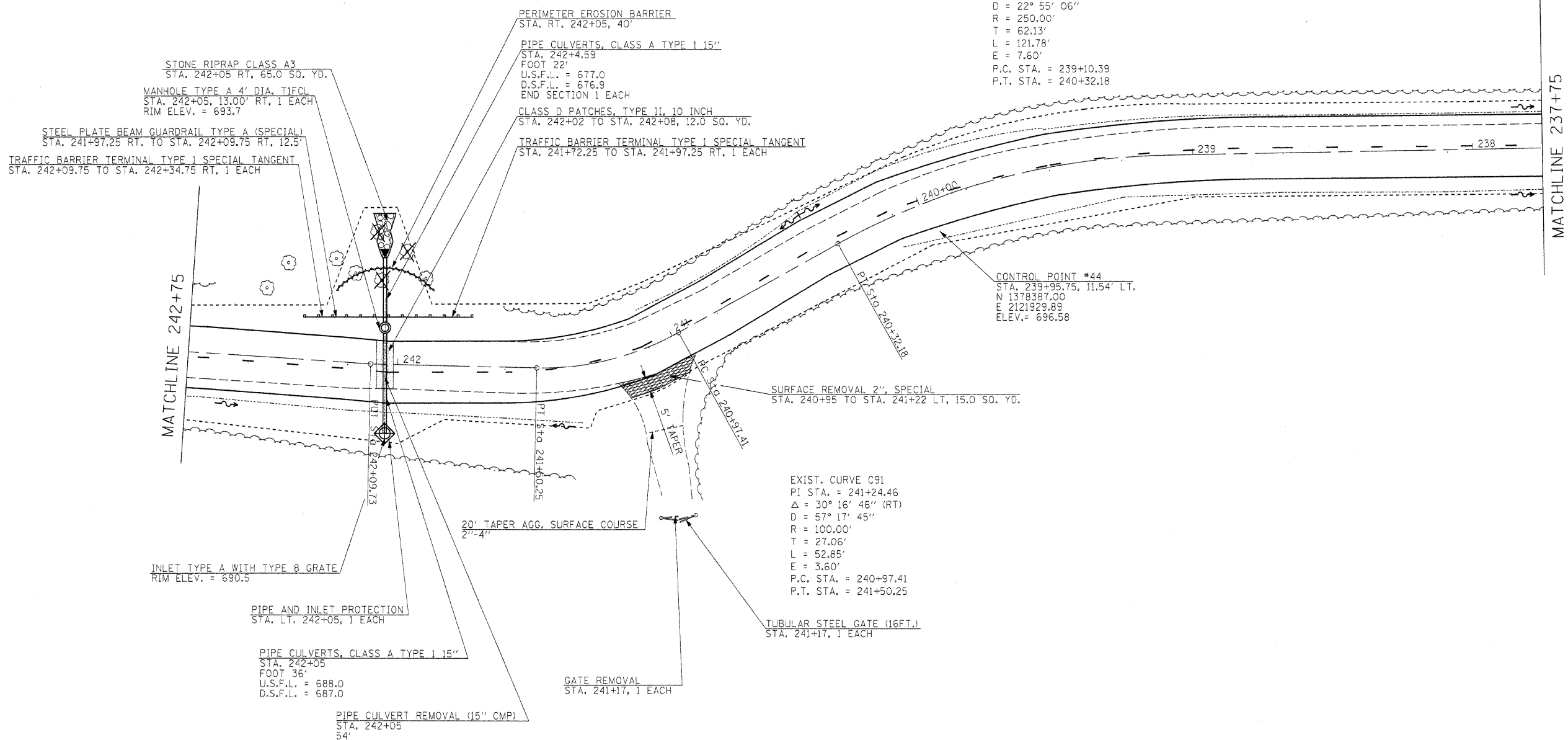
TREE REMOVAL		
STA.	OFFSET	SIZE
241+97.46RT	40'	7"
242+06.40RT	30'	12"
242+08.11RT	47'	12"

-  INLET AND PIPE PROTECTION
-  GATE REMOVAL
-  PROPOSED GATE
-  CLASS D PATCHES
-  SURFACE REMOVAL 2" - SPECIAL
-  STONE RIPRAP
-  PERIMETER EROSION BARRIER

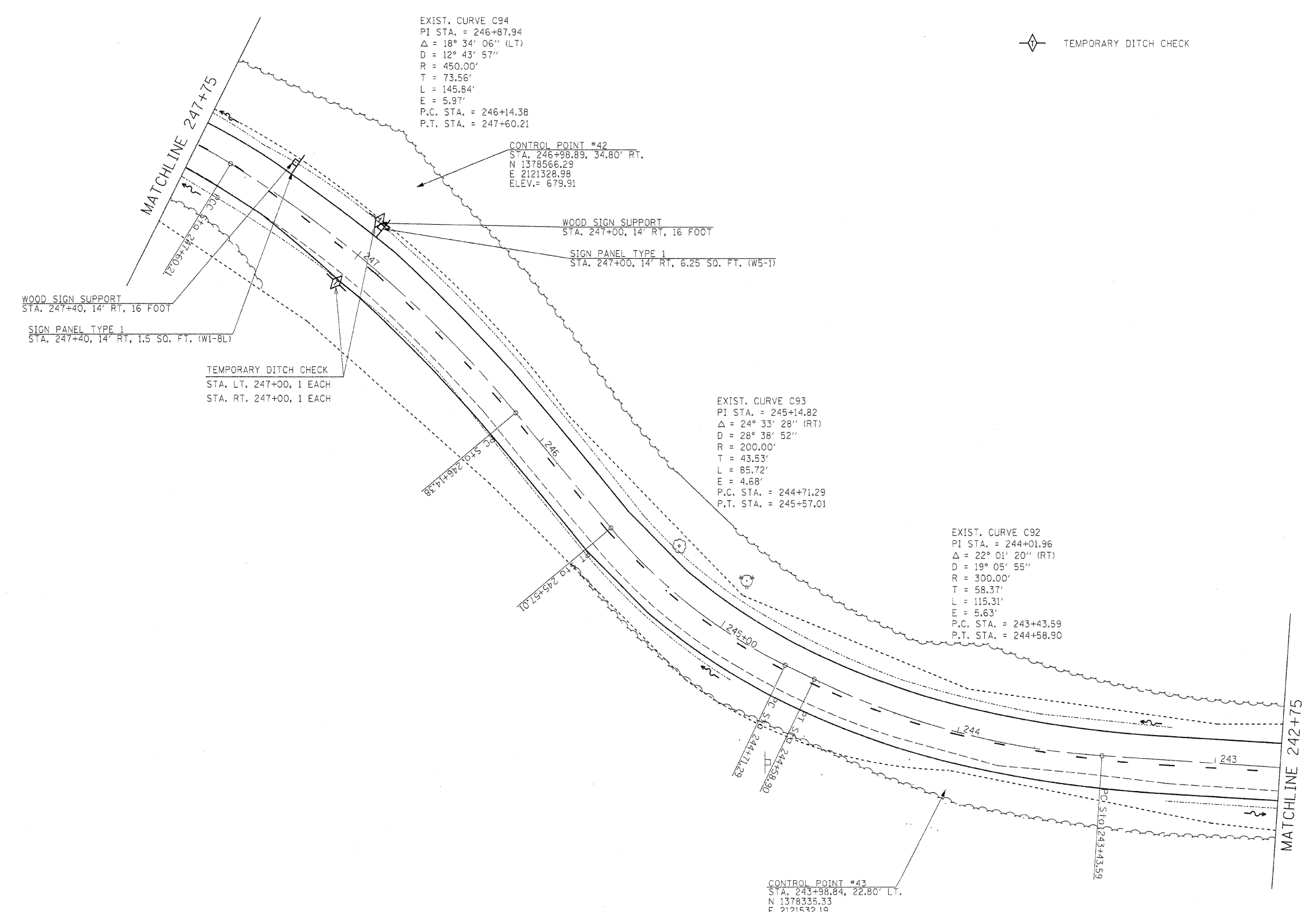
EXIST. CURVE C90
 PI STA. = 239+72.52
 $\Delta = 27^\circ 54' 40''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 62.13'$
 $L = 121.78'$
 $E = 7.60'$
 P.C. STA. = 239+10.39
 P.T. STA. = 240+32.18

CONTROL POINT #44
 STA. 239+95.75, 11.54' LT.
 $N 1378387.00$
 $E 2121929.89$
 ELEV. = 696.58

EXIST. CURVE C91
 PI STA. = 241+24.46
 $\Delta = 30^\circ 16' 46''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 27.06'$
 $L = 52.85'$
 $E = 3.60'$
 P.C. STA. = 240+97.41
 P.T. STA. = 241+50.25



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	61	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'		SHEET NO. 61 OF 162 SHEETS STA. 237+75 TO STA. 242+75		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



◇ TEMPORARY DITCH CHECK



EXIST. CURVE C94
 PI STA. = 246+87.94
 $\Delta = 18^\circ 34' 06''$ (LT)
 D = 12° 43' 57"
 R = 450.00'
 T = 73.56'
 L = 145.84'
 E = 5.97'
 P.C. STA. = 246+14.38
 P.T. STA. = 247+60.21

CONTROL POINT #42
 STA. 246+98.89, 34.80' RT.
 N 1378566.29
 E 2121328.98
 ELEV. = 679.91

WOOD SIGN SUPPORT
 STA. 247+00, 14' RT, 16 FOOT
 SIGN PANEL TYPE 1
 STA. 247+00, 14' RT, 6.25 SO. FT. (W5-1)

WOOD SIGN SUPPORT
 STA. 247+40, 14' RT, 16 FOOT
 SIGN PANEL TYPE 1
 STA. 247+40, 14' RT, 1.5 SO. FT. (W1-8L)

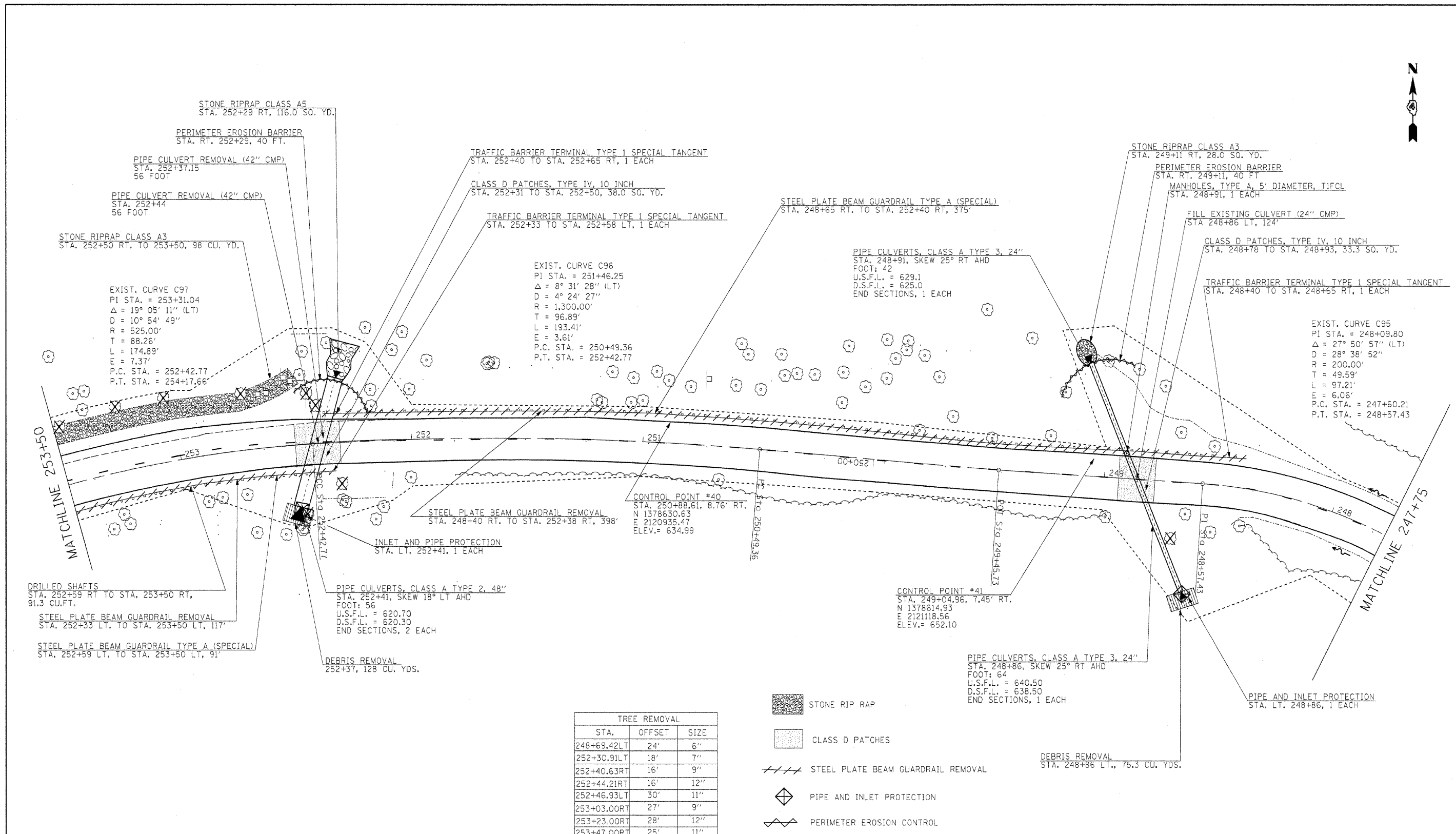
TEMPORARY DITCH CHECK
 STA. LT. 247+00, 1 EACH
 STA. RT. 247+00, 1 EACH

EXIST. CURVE C93
 PI STA. = 245+14.82
 $\Delta = 24^\circ 33' 28''$ (RT)
 D = 28° 38' 52"
 R = 200.00'
 T = 43.53'
 L = 85.72'
 E = 4.68'
 P.C. STA. = 244+71.29
 P.T. STA. = 245+57.01

EXIST. CURVE C92
 PI STA. = 244+01.96
 $\Delta = 22^\circ 01' 20''$ (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 58.37'
 L = 115.31'
 E = 5.63'
 P.C. STA. = 243+43.59
 P.T. STA. = 244+58.90

CONTROL POINT #43
 STA. 243+98.84, 22.80' LT.
 N 1378335.33
 E 2121532.19
 ELEV. = 694.42

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	62	
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
					SCALE: 1" = 20'	SHEET NO. 62 OF 162 SHEETS	STA. 242+75 TO STA. 247+75			



EXIST. CURVE C96
 PI STA. = 251+46.25
 $\Delta = 8^\circ 31' 28''$ (LT)
 $D = 4^\circ 24' 27''$
 $R = 1,300.00'$
 $T = 96.89'$
 $L = 193.41'$
 $E = 3.61'$
 P.C. STA. = 250+49.36
 P.T. STA. = 252+42.77

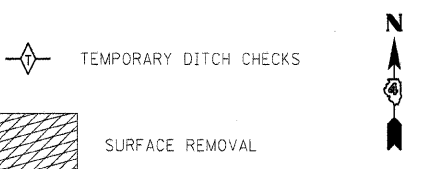
EXIST. CURVE C97
 PI STA. = 253+31.04
 $\Delta = 19^\circ 05' 11''$ (LT)
 $D = 10^\circ 54' 49''$
 $R = 525.00'$
 $T = 88.26'$
 $L = 174.89'$
 $E = 7.37'$
 P.C. STA. = 252+42.77
 P.T. STA. = 254+17.66

EXIST. CURVE C95
 PI STA. = 248+09.80
 $\Delta = 27^\circ 50' 57''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 49.59'$
 $L = 97.21'$
 $E = 6.06'$
 P.C. STA. = 247+60.21
 P.T. STA. = 248+57.43

TREE REMOVAL		
STA.	OFFSET	SIZE
248+69.42LT	24'	6"
252+30.91LT	18'	7"
252+40.63RT	16'	9"
252+44.21RT	16'	12"
252+46.93LT	30'	11"
253+03.00RT	27'	9"
253+23.00RT	28'	12"
253+47.00RT	25'	11"

- STONE RIP RAP
- CLASS D PATCHES
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PIPE AND INLET PROTECTION
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	63	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE: 1" = 20'	SHEET NO. 63 OF 162 SHEETS	STA. 247+75 TO STA. 253+50				



TREE REMOVAL			TREE REMOVAL		
STA.	OFFSET	SIZE	STA.	OFFSET	SIZE
258+31	28'	13"	257+31	31'	9"
258+29	27'	6"	257+30	47'	9"
258+26	27'	14"	256+83	46'	14"
258+19	27'	7"	256+82	28'	7"
258+12	28'	32"	256+67	24'	8"
258+11	49'	6"	256+35	17'	8"
258+09	23'	10"	255+89	16'	7"
258+04	19'	7"	255+78	18'	14"
257+88	65'	6"	255+51	18'	9"
257+86	32'	9"	255+51	20'	7"
257+79	31'	13"	255+27	21'	10"
257+73	27'	10"	255+25	17'	9"
257+66	48'	7"	255+13	33'	19"
257+63	64'	6"	255+06	24'	8"
257+48	35'	7"	254+76	24'	15"
257+38	16'	8"			

MATCHLINE 260+00

EXIST. CURVE C102
 PI STA. = 259+22.46
 $\Delta = 33^\circ 28' 29''$ (RT)
 $D = 30^\circ 58' 14''$
 $R = 185.00'$
 $T = 55.63'$
 $L = 108.09'$
 $E = 8.18'$
 P.C. STA. = 258+66.83
 P.T. STA. = 259+74.91

CAST IN PLACE CONCRETE WALL
 STA. 259+85 RT., 9.1 SQ. FT.

CONCRETE CURB TYPE B (DOWELLED)
 STA. 258+39 RT TO STA. 259+85, 14' RT, 46'

CONTROL POINT #36
 STA. 258+85.39, 16.05' LT.
 N 1378681.78
 E 2120229.51
 ELEV. = 665.75

EXIST. CURVE C101
 PI STA. = 257+75.15
 $\Delta = 18^\circ 44' 32''$ (LT)
 $D = 26^\circ 02' 37''$
 $R = 220.00'$
 $T = 36.31'$
 $L = 71.96'$
 $E = 2.98'$
 P.C. STA. = 257+38.84
 P.T. STA. = 258+10.80

EXIST. CURVE C100
 PI STA. = 257+17.67
 $\Delta = 18^\circ 07' 30''$ (RT)
 $D = 42^\circ 26' 29''$
 $R = 135.00'$
 $T = 21.53'$
 $L = 42.71'$
 $E = 1.71'$
 P.C. STA. = 256+96.13
 P.T. STA. = 257+38.84

REMOVE EXISTING 24" CULVERT
 STA. 257+70, 54'

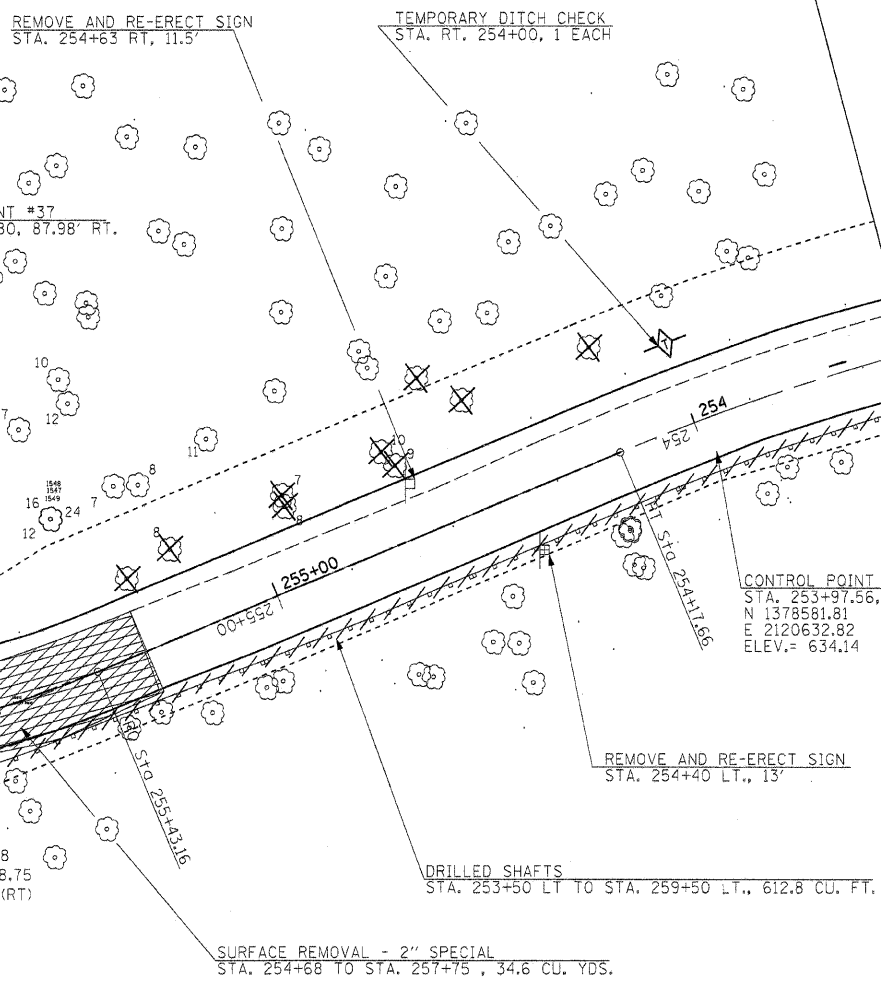
STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL)
 STA. 253+50 LT. TO STA. 260+00, 634.78 FT.

STEEL PLATE BEAM GUARDRAIL REMOVAL
 STA. 253+50 LT. TO STA. 260+00 LT., 650'

EXIST. CURVE C99
 PI STA. = 256+67.03
 $\Delta = 51^\circ 23' 13''$ (RT)
 $D = 81^\circ 51' 04''$
 $R = 70.00'$
 $T = 33.68'$
 $L = 62.78'$
 $E = 7.68'$
 P.C. STA. = 256+33.35
 P.T. STA. = 256+96.13

CONTROL POINT #38
 STA. 256+45.43, 10.28' LT.
 N 1378504.58
 E 2120394.37
 ELEV. = 651.12

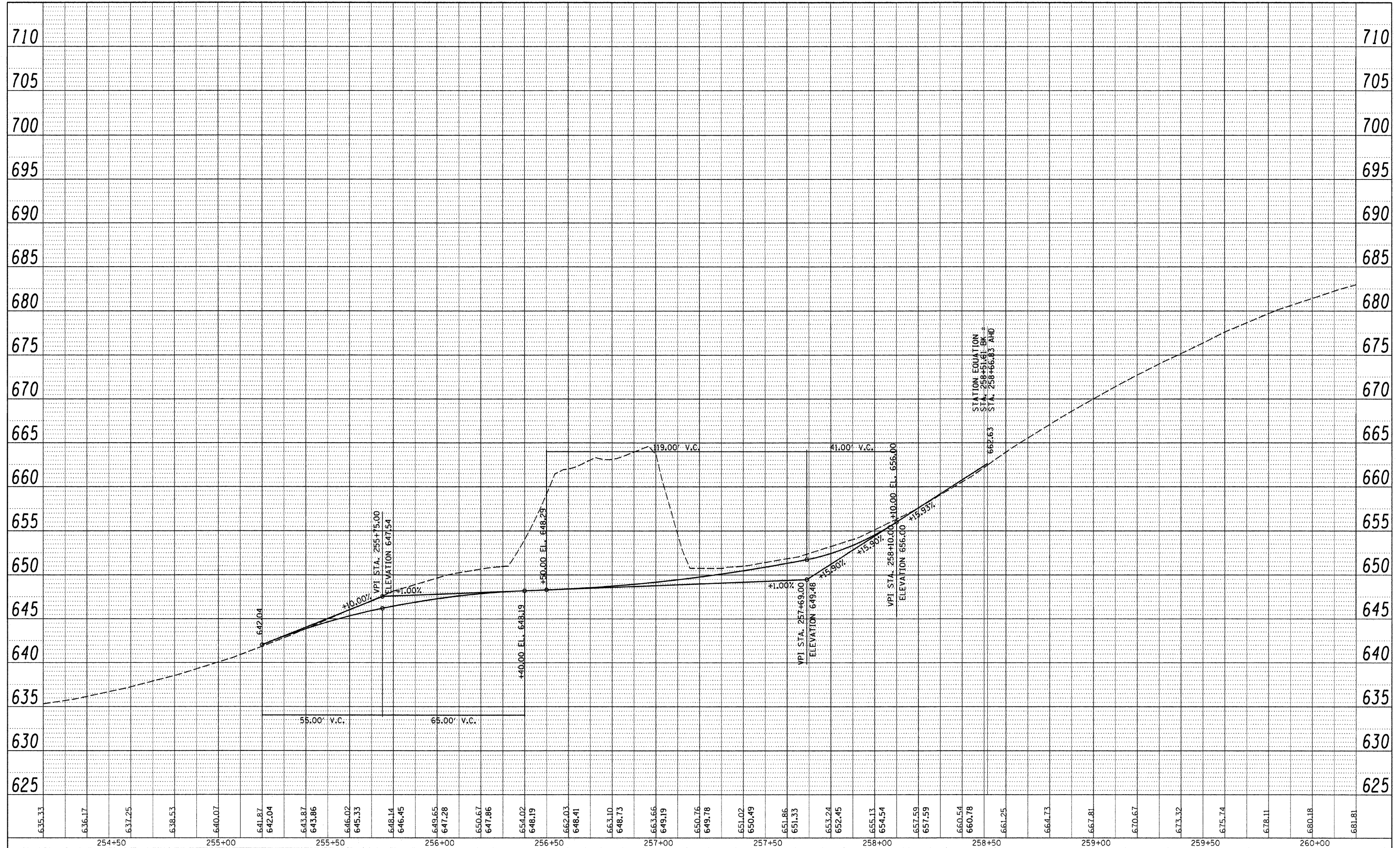
EXIST. CURVE C98
 PI STA. = 255+88.75
 $\Delta = 20^\circ 40' 11''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 45.59'$
 $L = 90.19'$
 $E = 4.12'$
 P.C. STA. = 255+43.16
 P.T. STA. = 256+33.35



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	64
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
					SCALE: 1" = 20'	SHEET NO. 64 OF 162 SHEETS	STA. 253+50 TO STA. 260+00		

PLAN	SUBMITTED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	CADD FILE NAME		

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

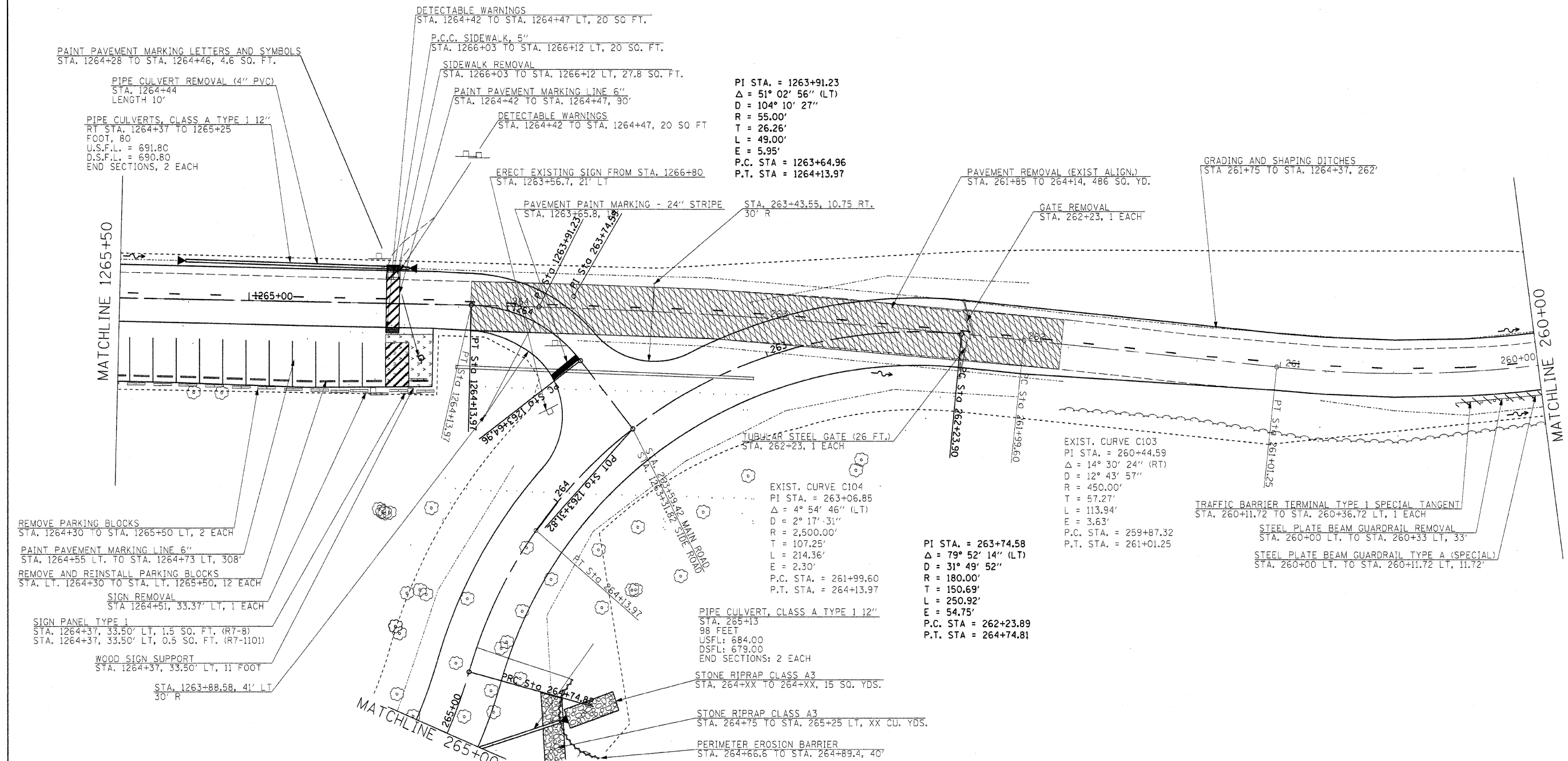


FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK PROFILE OF STA. 255+00 TO STA. 258+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	65	
	PLLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 65 OF 162 SHEETS		STA. 255+00 TO STA. 258+00		



- GATE REMOVAL
- PROPOSED GATE
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- REMOVE AND REPLACE PAVEMENT AND SIDEWALK
- SURFACE REMOVAL 2" - SPECIAL

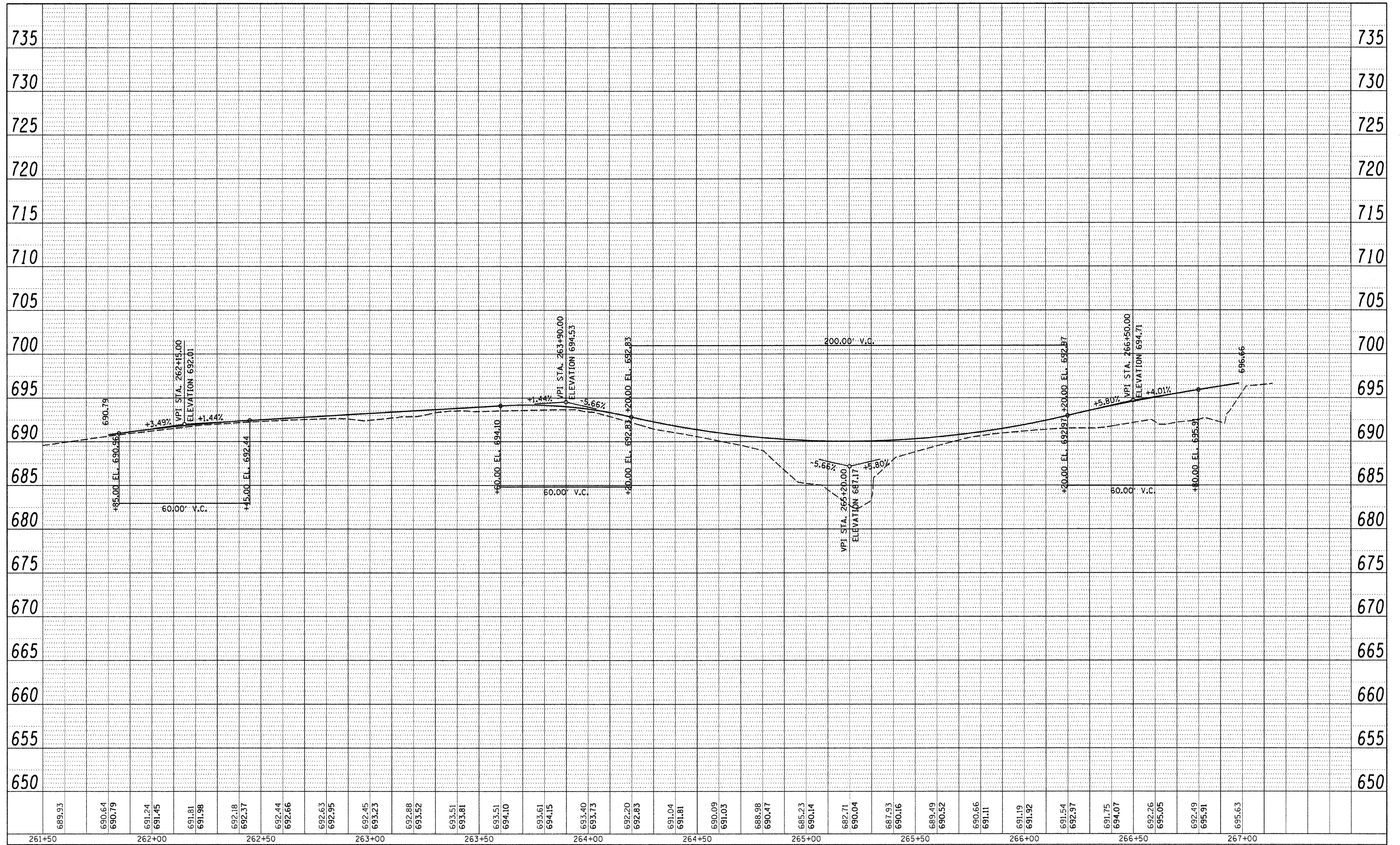
TREE REMOVAL		
STA.	OFFSET	SIZE
STA. 264+21	LT	1' 16"
STA. 264+27	LT	15' 15"
STA. 264+44	LT	11' 7"
STA. 264+49	RT	10' 32"
STA. 264+53	RT	29' 6"
STA. 264+54	RT	26' 5"
STA. 264+56	RT	33' 6"
STA. 264+59	LT	10' 12"
STA. 264+62	LT	9' 6"
STA. 264+67	RT	32' 10"
STA. 264+67	RT	32' 9"
STA. 264+69	RT	32' 12"
STA. 264+69	RT	30' 12"
STA. 264+72	LT	20' 11"
STA. 264+73	RT	6' 6"
STA. 264+80	LT	10' 11"
STA. 264+80	LT	14' 10"
STA. 264+90	LT	53' 9"
STA. 264+92	LT	4' 18"
STA. 264+93	RT	24' 10"
STA. 264+99	LT	38' 7"



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK MAIN ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 66 OF 162 SHEETS	STA. 260+00 TO STA. 265+50	ARGYLE LAKE STATE PARK	MCDONOUGH	162	66	
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -		CONTRACT NO. 46158							
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



PLAN	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	CADD FILE NAME		

PROFILE	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK PROFILE SHEET OF 262+00 TO 267+00			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'			ARGYLE LAKE STATE PARK	MCDONOUGH	162	67	
		CHECKED - T.T.P.	REVISED -		SHEET NO. 67 OF 162 SHEETS					CONTRACT NO. 46158		
		DATE - 12/09/10	REVISED -		STA. 262+00 TO STA. 267+00			ILLINOIS FED. AID PROJECT				

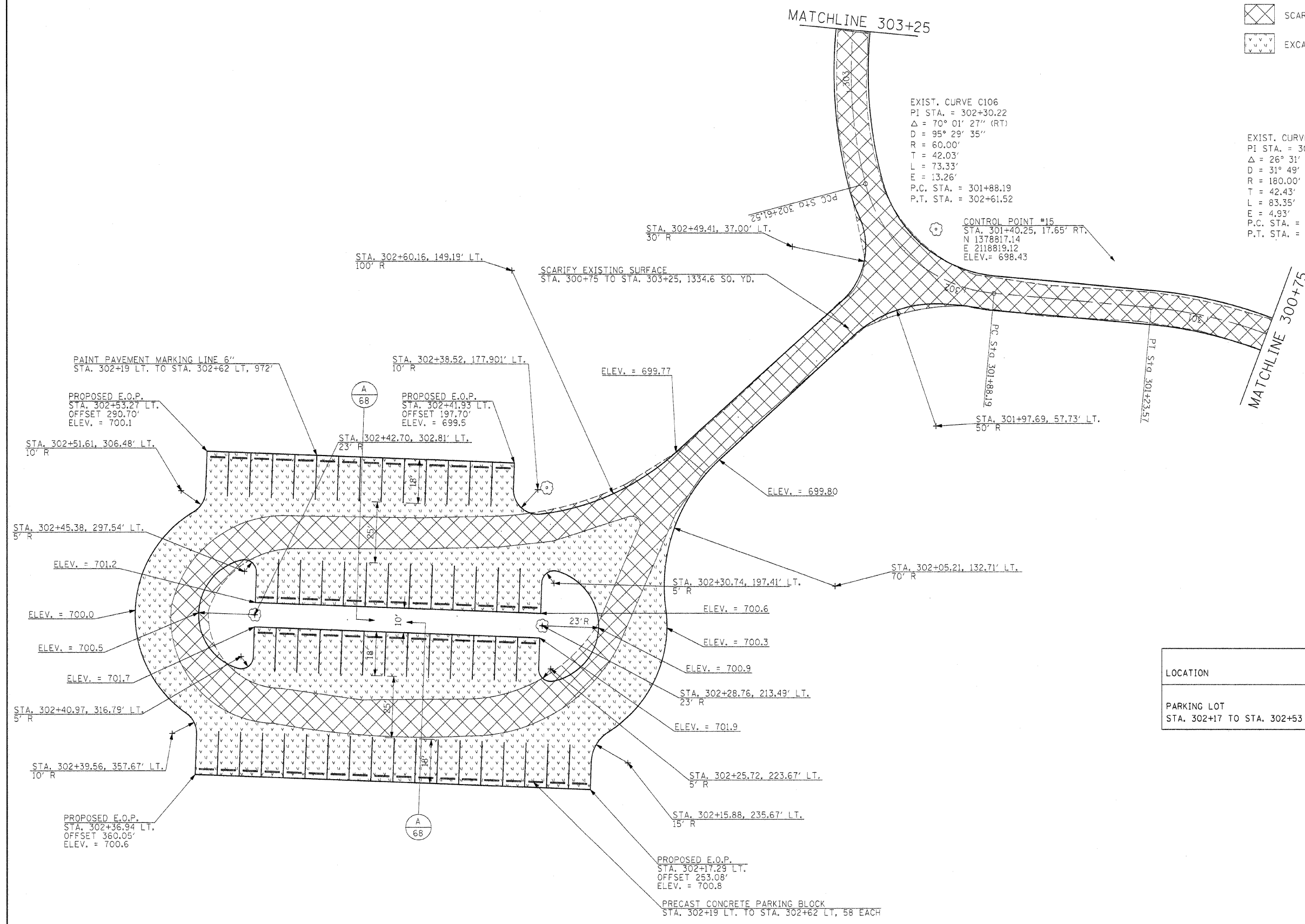


 SCARIFY EXISTING SURFACE
 EXCAVATION (SPECIAL)

EXIST. CURVE C106
 PI STA. = 302+30.22
 $\Delta = 70^\circ 01' 27''$ (RT)
 $D = 95' 29' 35''$
 $R = 60.00'$
 $T = 42.03'$
 $L = 73.33'$
 $E = 13.26'$
 P.C. STA. = 301+88.19
 P.T. STA. = 302+61.52

EXIST. CURVE C105
 PI STA. = 300+82.66
 $\Delta = 26^\circ 31' 48''$ (LT)
 $D = 31^\circ 49' 52''$
 $R = 180.00'$
 $T = 42.43'$
 $L = 83.35'$
 $E = 4.93'$
 P.C. STA. = 300+40.23
 P.T. STA. = 301+23.57






CONTROL POINT #15
 STA. 301+40.25, 17.65' RT.
 N 1378817.14
 E 2118819.12
 ELEV. = 698.43

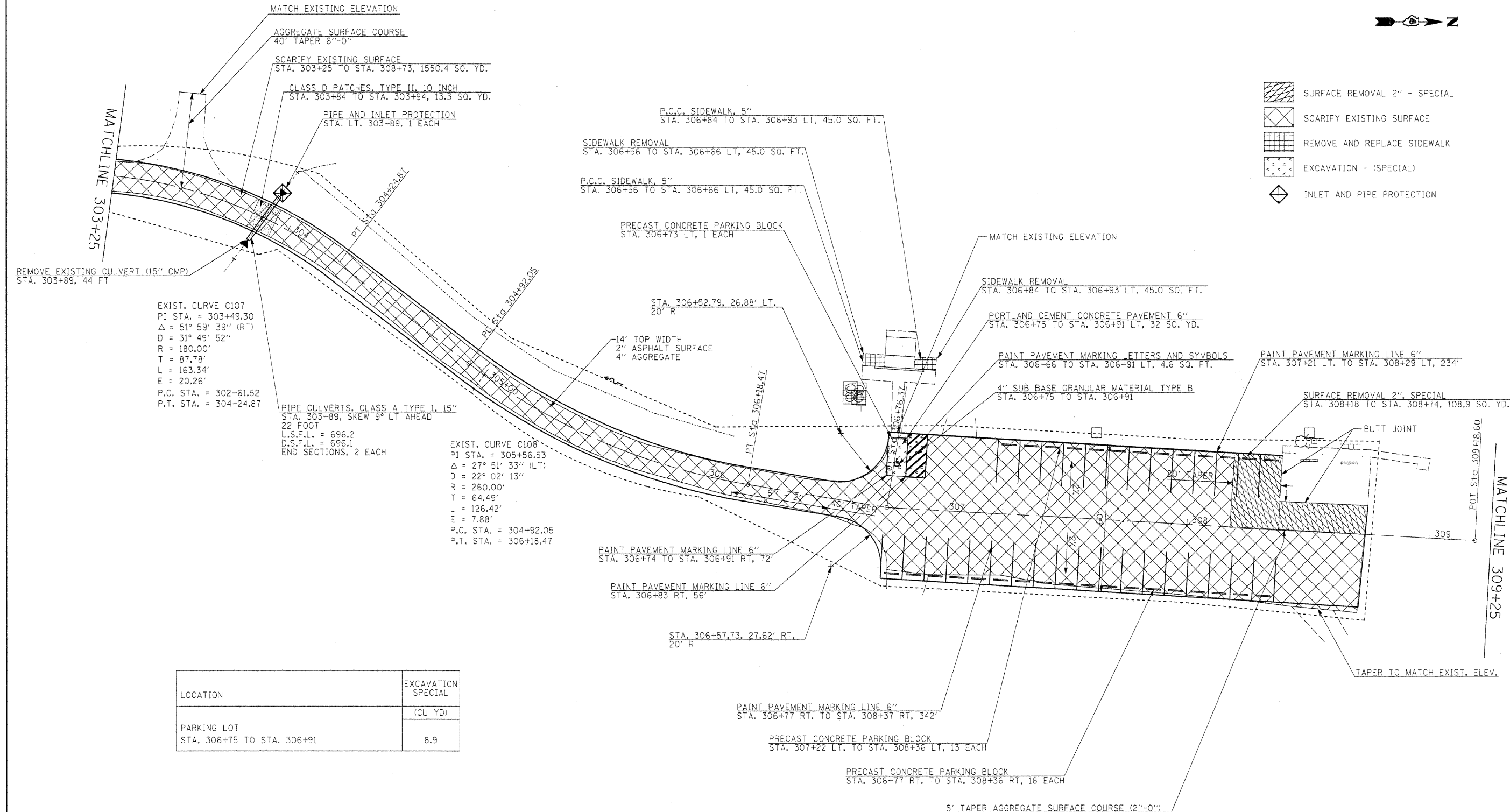


LOCATION	EXCAVATION SPECIAL
PARKING LOT STA. 302+17 TO STA. 302+53	(CU YD) 580.7

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	68	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 68 OF 162 SHEETS		STA. 300+75 TO STA. 303+25		







-  SURFACE REMOVAL 2" - SPECIAL
-  SCARIFY EXISTING SURFACE
-  REMOVE AND REPLACE SIDEWALK
-  EXCAVATION - (SPECIAL)
-  INLET AND PIPE PROTECTION



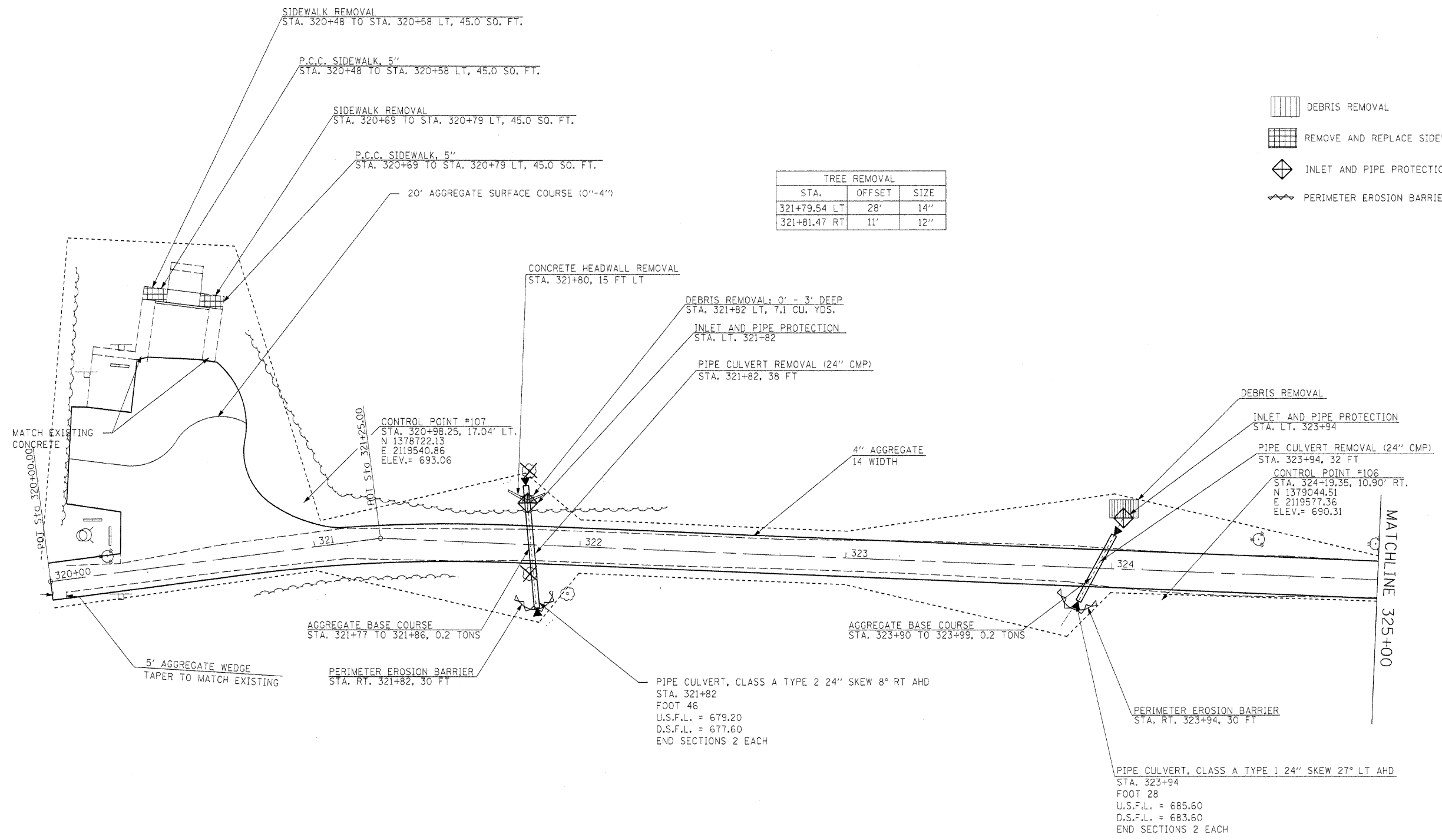
LOCATION	EXCAVATION SPECIAL (CU YD)
PARKING LOT STA. 306+75 TO STA. 306+91	8.9

FILE NAME = #FILEL\$	USER NAME = #USER\$	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	69	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 69 OF 162 SHEETS	STA. 303+25 TO STA. 309+25			





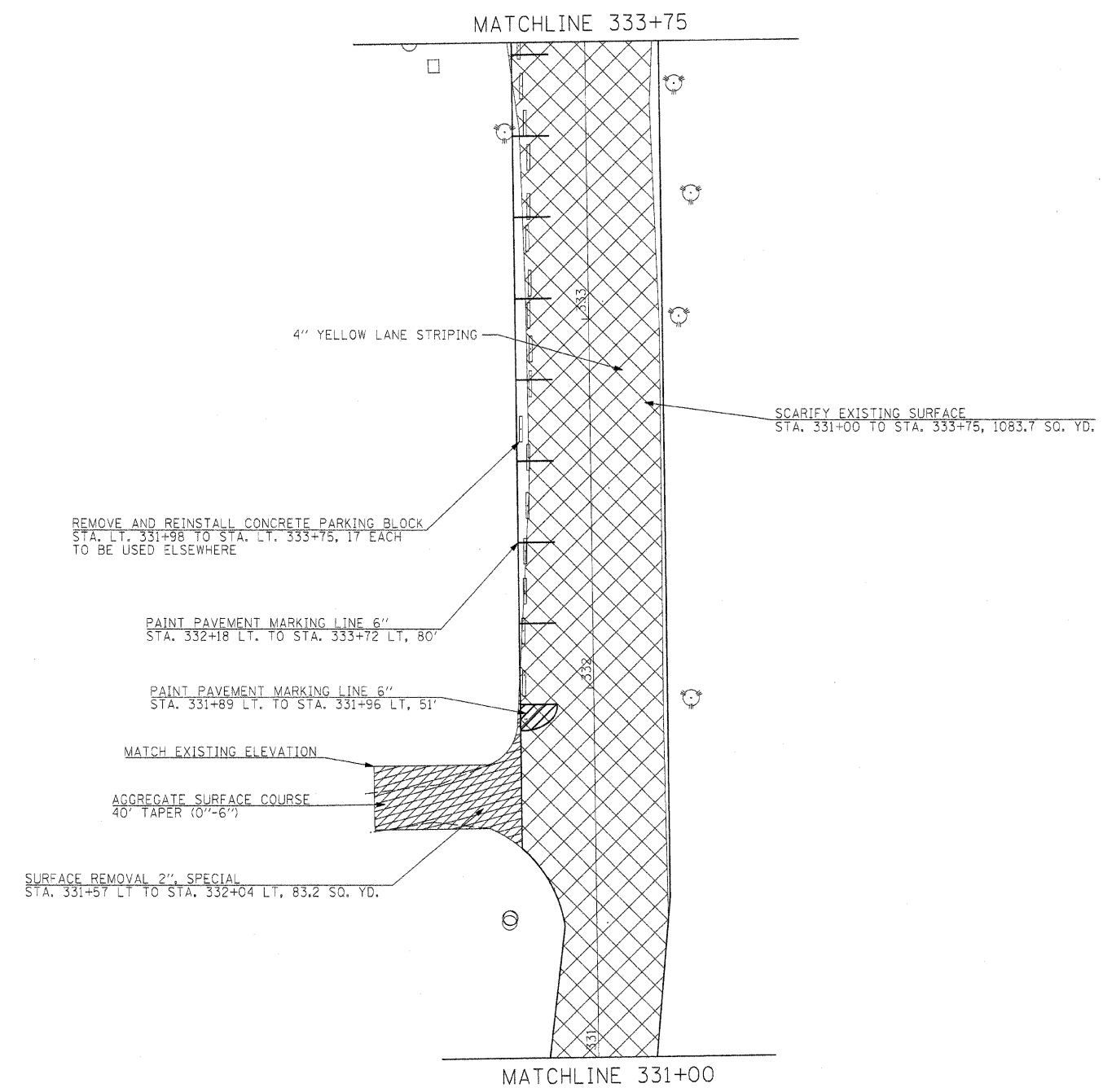
-  DEBRIS REMOVAL
-  REMOVE AND REPLACE SIDEWALK
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER

TREE REMOVAL		
STA.	OFFSET	SIZE
321+79.54 LT	28'	14"
321+81.47 RT	11'	12"



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 70 OF 162 SHEETS	STA. 320+00 TO STA. 325+00	ARGYLE LAKE STATE PARK	MCDONOUGH	162	70
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

-  SCARIFY EXISTING SURFACE
-  SURFACE REMOVAL 2" - SPECIAL



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 71 OF 162 SHEETS	STA. 331+00 TO STA. 333+75	ARGYLE LAKE STATE PARK	MCDONOUGH	162	71	
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



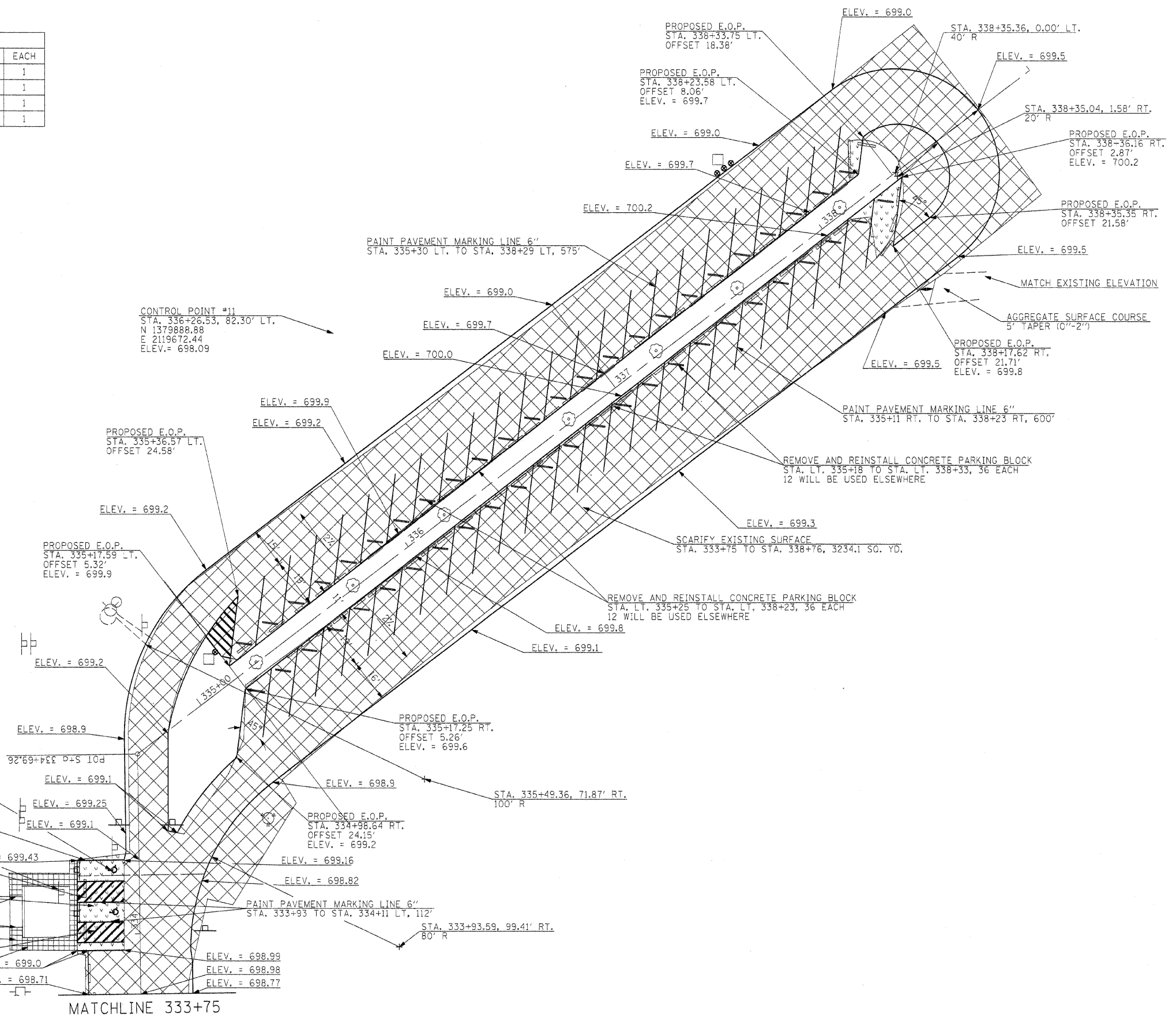
- EXCAVATION - (SPECIAL)
- SCARIFY EXISTING SURFACE
- REMOVE AND REPLACE SIDEWALK
- PROPOSED GUARD POST
- PROPOSED SIGN

GUARD POSTS		
STA.	OFFSET	EACH
335+16.57	13	1
337+80.72	41	1
337+84.01	41	1
337+87.31	41	1

PROPOSED SIGN PANEL TYPE 1	WOOD SUPPORT (FOOT)
STA. 334+02, 25.00' RT, 3 SQ. FT. (R6-1R)	14
STA. 334+09, 24.20' LT, 1.5 SQ. FT. (R7-8)	14
STA. 334+09, 24.20' LT, 0.5 SQ. FT. (R7-1101)	14
STA. 334+25, 23.97' LT, 1.5 SQ. FT. (R7-8)	14
STA. 334+25, 23.97' LT, 0.5 SQ. FT. (R7-1101)	14
STA. 334+43, 7.54' LT, 6.25 SQ. FT. (R5-1)	14
STA. 334+43, 12.95' RT, 6.25 SQ. FT. (R5-1)	14

LOCATION	EXCAVATION SPECIAL (CU YD)
PARKING LOT	
STA. 333+94 TO STA. 334+32	19.4
STA. 338+11 TO STA. 338+36	4.3
STA. 338+19 TO STA. 338+33	1.2

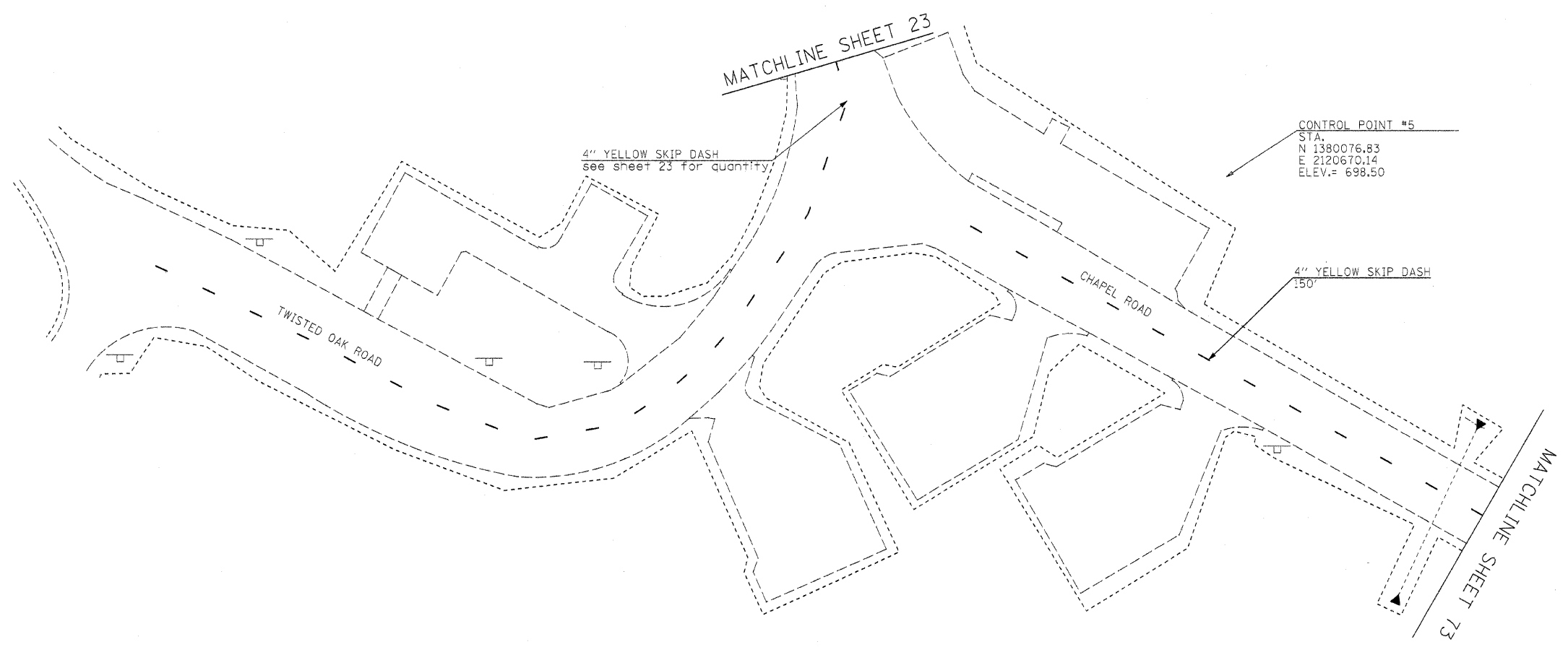
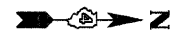
CONTROL POINT #11
 STA. 336+26.53, 82.30' LT.
 N 1379888.88
 E 2119672.44
 ELEV. = 698.09



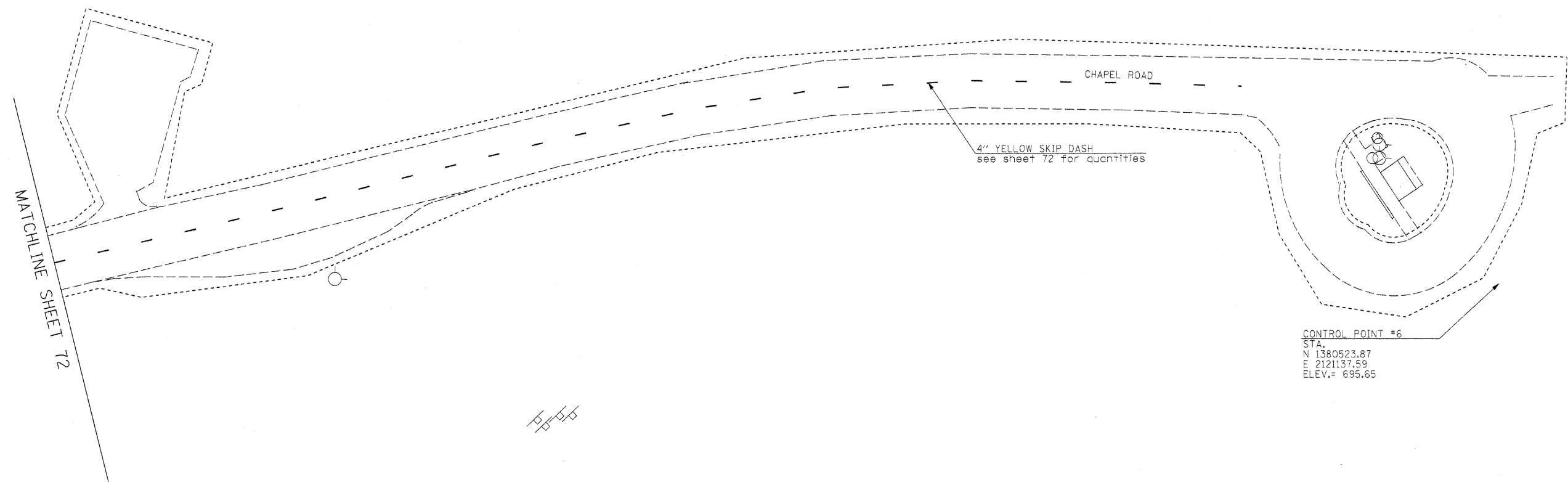
- PAINT PAVEMENT MARKING LETTERS AND SYMBOLS
 STA. 334+24 LT, 4.6 SQ. FT.
 STA. 334+07 LT, 4.6 SQ. FT.
- PAINT PAVEMENT MARKING LINE 6"
 STA. 333+97 TO STA. 334+29 LT, 126'
- SIGN REMOVAL
 STA. 334+17, 30.02' LT, 1 EACH
- REMOVE AND REINSTALL PARKING BLOCKS
 STA. 333+94 TO STA. 334+16, 3 EACH
 1 TO BE USED ELSEWHERE
- 4" TYPE B SUB BASE GRANULAR MATERIAL
 STA. 333+94 TO STA. 334+32, 70 SQ. YD.
- MATCH EXISTING ELEVATIONS
- P.C.C. SIDEWALK, 5"
 STA. 333+94 TO STA. 334+29 LT, 375.0 SQ. FT.
- PORTLAND CEMENT CONCRETE PAVEMENT 6" (ADA PARKING STALLS)
 STA. 333+94 TO STA. 334+32 LT, 70 SQ. YD.
- SIDEWALK REMOVAL
 STA. 333+94 TO STA. 334+29 LT, 375.0 SQ. FT.

MATCHLINE 333+75

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	72	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET NO. 72 OF 162 SHEETS		STA. 333+75 TO STA. 339+00		



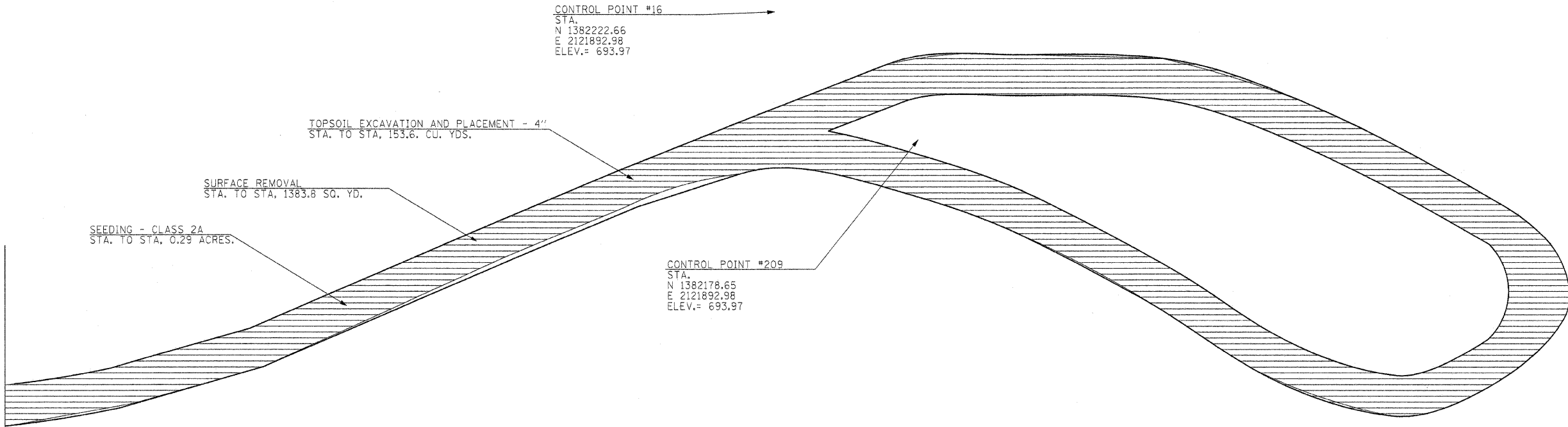
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK INTERSECTION OF TWISTED OAKS ROAD AND CHAPEL ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 73 OF 162 SHEETS	STA.	TO STA.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	73
		CHECKED - T.T.P.	REVISED -						CONTRACT NO. 46158			
		PLOT DATE = #DATE#	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		DATE - 12/09/10	REVISED -									



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 74 OF 162 SHEETS	STA.	TO STA.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	74
		CHECKED - T.T.P.	REVISED -		CONTRACT NO. 46158							
		PLOT DATE = #DATE#	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 12/09/10	REVISED -									



MATCHLINE SHEET 31

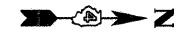


CONTROL POINT #16
 STA.
 N 1382222.66
 E 2121892.98
 ELEV.= 693.97

CONTROL POINT #209
 STA.
 N 1382178.65
 E 2121892.98
 ELEV.= 693.97

SURFACE REMOVAL

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -		SCALE: 1" = 20' SHEET NO. 75 OF 162 SHEETS STA. TO STA.		ARGYLE LAKE STATE PARK	MCDONOUGH	162	75	
PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -				CONTRACT NO. 46158					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT											



GUARD POSTS		
STA.	OFFSET	EACH
400+06	19.02	1
400+06	13.03	1
400+06	7.04	1
400+06	1.02	1
400+06	5.03	1
400+06	10.98	1

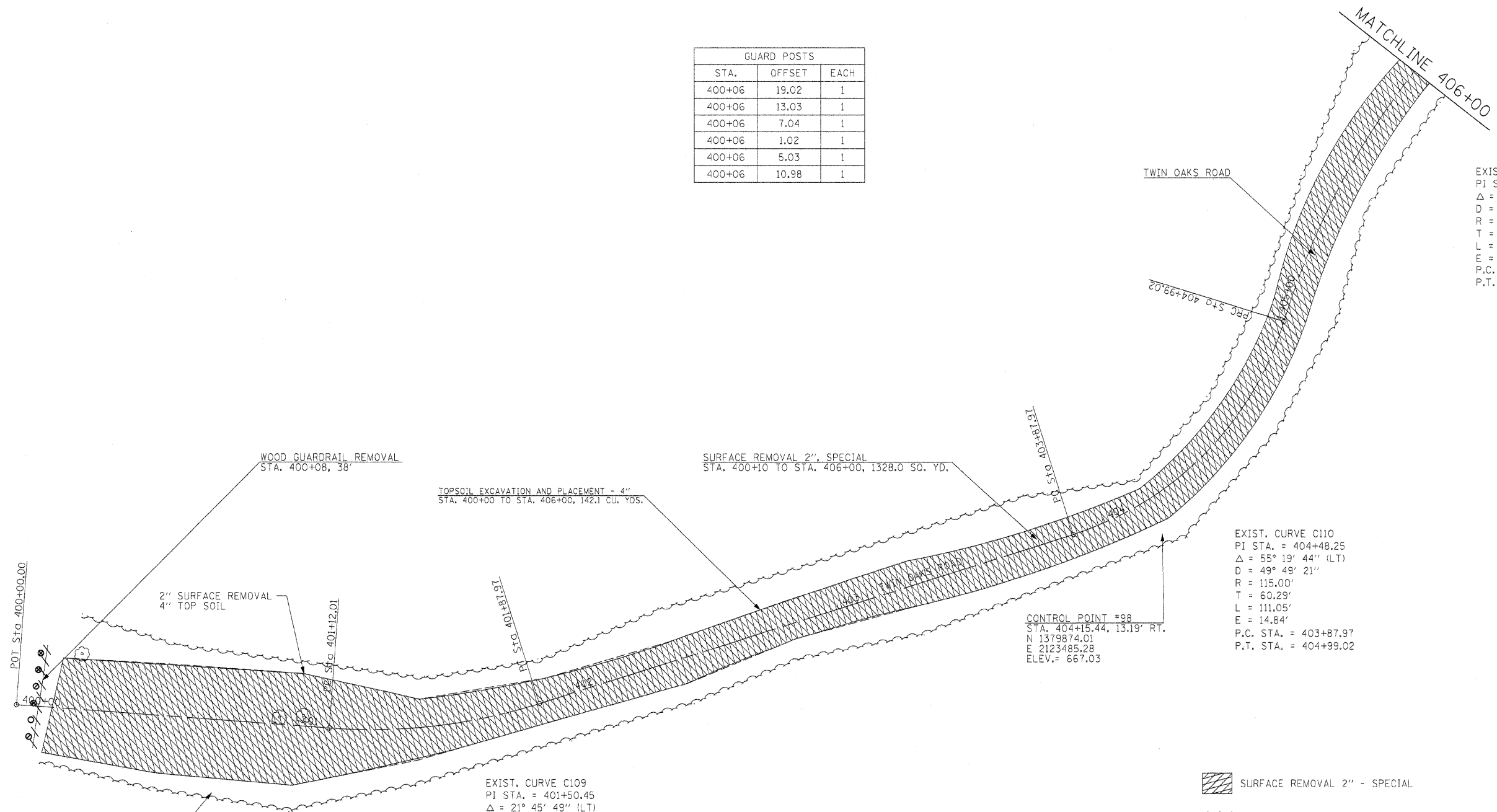
EXIST. CURVE C111
 PI STA. = 405+73.36
 $\Delta = 30^\circ 15' 18''$ (RT)
 $D = 20^\circ 50' 05''$
 $R = 275.00'$
 $T = 74.34'$
 $L = 145.21'$
 $E = 9.87'$
 P.C. STA. = 404+99.02
 P.T. STA. = 406+44.23

EXIST. CURVE C110
 PI STA. = 404+48.25
 $\Delta = 55^\circ 19' 44''$ (LT)
 $D = 49^\circ 49' 21''$
 $R = 115.00'$
 $T = 60.29'$
 $L = 111.05'$
 $E = 14.84'$
 P.C. STA. = 403+87.97
 P.T. STA. = 404+99.02

EXIST. CURVE C109
 PI STA. = 401+50.45
 $\Delta = 21^\circ 45' 49''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 38.45'$
 $L = 75.97'$
 $E = 3.66'$
 P.C. STA. = 401+12.01
 P.T. STA. = 401+87.97

CONTROL POINT #99
 STA. 400+71.76, 26.07' RT.
 N 1379534.43
 E 2123577.32
 ELEV. = 638.10

CONTROL POINT #98
 STA. 404+15.44, 13.19' RT.
 N 1379874.01
 E 2123485.28
 ELEV. = 667.03



- SURFACE REMOVAL 2" - SPECIAL
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PROPOSED GUARDPOST

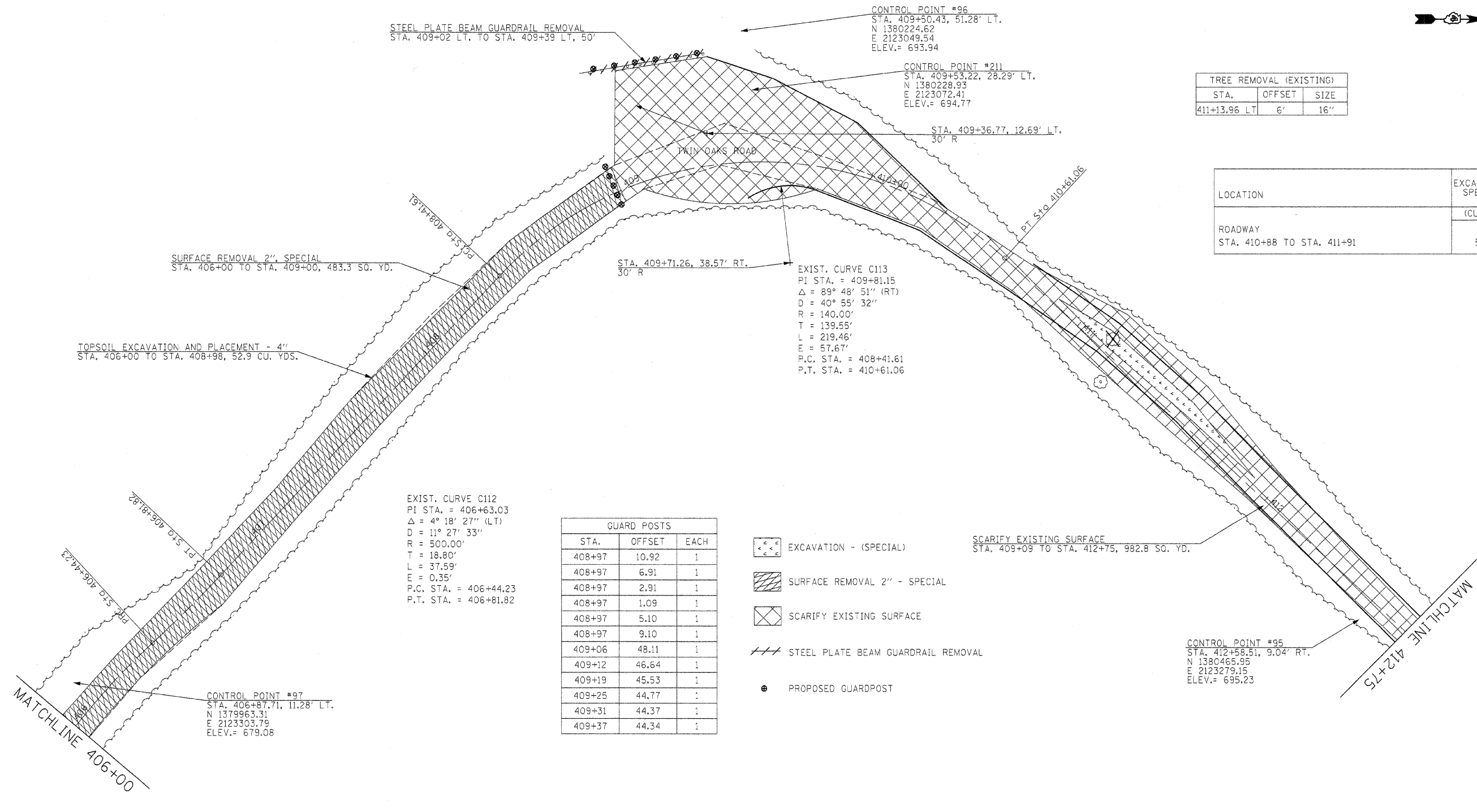
FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILEL#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARGYLE LAKE STATE PARK
SIDE ROAD

SCALE: 1" = 20' SHEET NO. 76 OF 162 SHEETS STA. 400+00 TO STA. 406+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	76
CONTRACT NO. 46158				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STEEL PLATE BEAM GUARDRAIL REMOVAL
STA. 409+02 LT. TO STA. 409+39 LT, 50'

CONTROL POINT #96
STA. 409+50.43, 51.28' LT.
N 1380224.62
E 2123049.54
ELEV.= 693.94

CONTROL POINT #211
STA. 409+53.22, 28.29' LT.
N 1380228.93
E 2123072.41
ELEV.= 694.77

TREE REMOVAL (EXISTING)		
STA.	OFFSET	SIZE
411+13.96 LT	6'	16"

LOCATION	EXCAVATION SPECIAL
ROADWAY STA. 410+88 TO STA. 411+91	(CU YD) 5.2

SURFACE REMOVAL 2", SPECIAL
STA. 406+00 TO STA. 409+00, 483.3 SQ. YD.

TOPSOIL EXCAVATION AND PLACEMENT - 4"
STA. 406+00 TO STA. 408+98, 52.9 CU. YDS.

EXIST. CURVE C113
PI STA. = 409+81.15
 $\Delta = 89^\circ 48' 51''$ (RT)
 $D = 40^\circ 55' 32''$
 $R = 140.00'$
 $T = 139.55'$
 $L = 219.46'$
 $E = 57.67'$
P.C. STA. = 408+41.61
P.T. STA. = 410+61.06

EXIST. CURVE C112
PI STA. = 406+63.03
 $\Delta = 4^\circ 18' 27''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 18.80'$
 $L = 37.59'$
 $E = 0.35'$
P.C. STA. = 406+44.23
P.T. STA. = 406+81.82

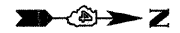
GUARD POSTS		
STA.	OFFSET	EACH
408+97	10.92	1
408+97	6.91	1
408+97	2.91	1
408+97	1.09	1
408+97	5.10	1
408+97	9.10	1
409+06	48.11	1
409+12	46.64	1
409+19	45.53	1
409+25	44.77	1
409+31	44.37	1
409+37	44.34	1

- EXCAVATION - (SPECIAL)
- SURFACE REMOVAL 2" - SPECIAL
- SCARIFY EXISTING SURFACE
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PROPOSED GUARDPOST

SCARIFY EXISTING SURFACE
STA. 409+09 TO STA. 412+75, 982.8 SQ. YD.

CONTROL POINT #95
STA. 412+58.51, 9.04' RT.
N 1380465.95
E 2123279.15
ELEV.= 695.23

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROADS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - J.T.T.	REVISED -				ARGYLE LAKE STATE PARK	MCDONOUGH	162	77	
		CHECKED - T.T.P.	REVISED -			SCALE: 1" = 20' SHEET NO. 77 OF 162 SHEETS STA. 406+00 TO STA. 412+75					
		DATE - 12/09/10	REVISED -			CONTRACT NO. 46158					
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



CONTROL POINT #95
 STA. 412+58.51, 9.04' RT.
 N 1380465.95
 E 2123279.15
 ELEV.= 695.23

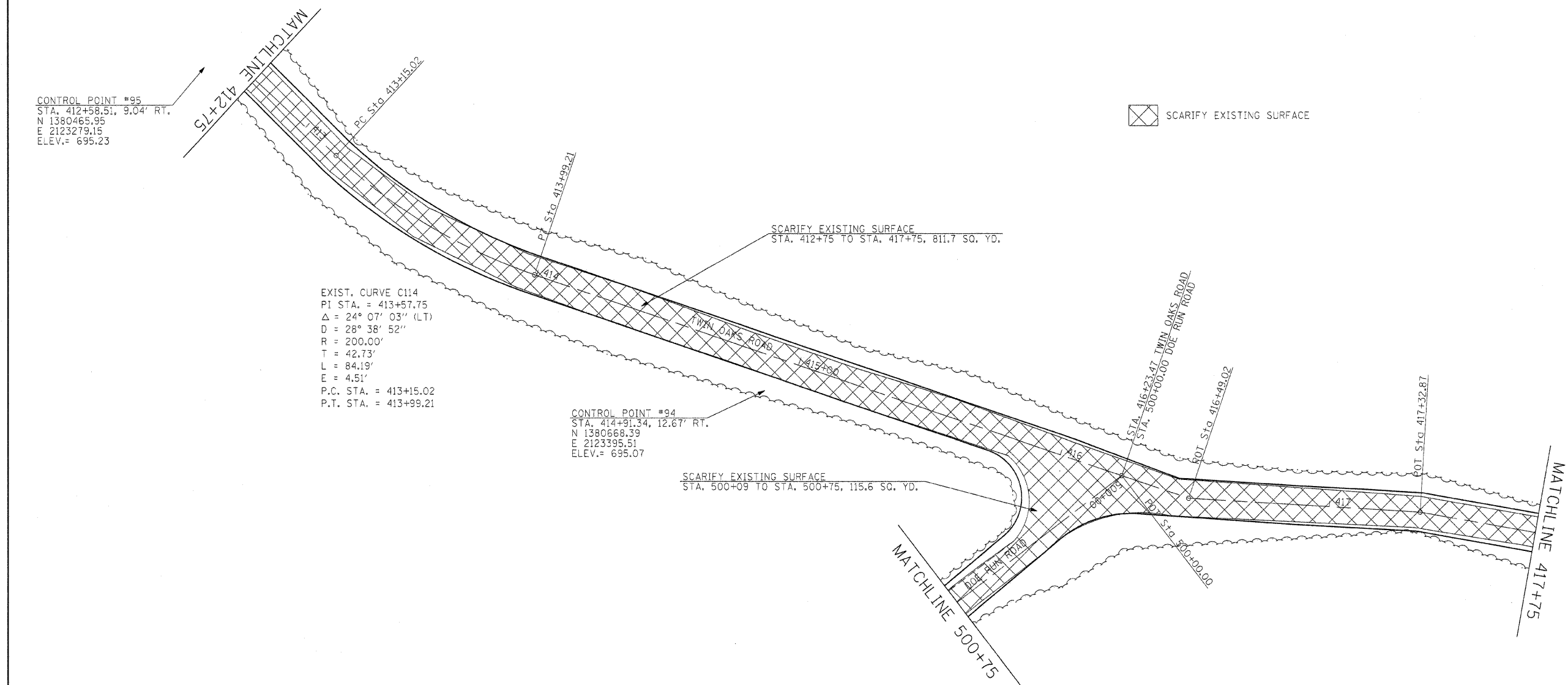
EXIST. CURVE C114
 PI STA. = 413+57.75
 $\Delta = 24^\circ 07' 03''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 42.73'$
 $L = 84.19'$
 $E = 4.51'$
 P.C. STA. = 413+15.02
 P.T. STA. = 413+99.21

CONTROL POINT #94
 STA. 414+91.34, 12.67' RT.
 N 1380668.39
 E 2123395.51
 ELEV.= 695.07

 SCARIFY EXISTING SURFACE

SCARIFY EXISTING SURFACE
 STA. 412+75 TO STA. 417+75, 811.7 SQ. YD.

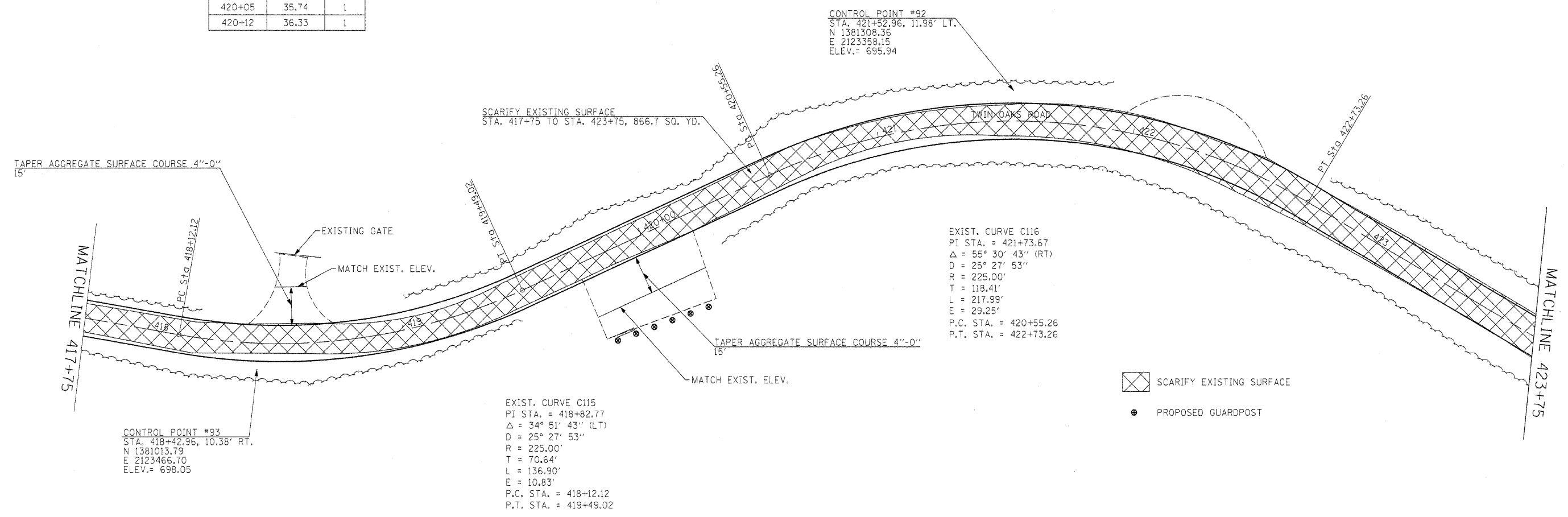
SCARIFY EXISTING SURFACE
 STA. 500+09 TO STA. 500+75, 115.6 SQ. YD.



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROADS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 78 OF 162 SHEETS	STA. 412+75 TO STA. 417+75	ARGYLE LAKE STATE PARK	MCDONOUGH	162	78	
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



GUARD POSTS		
STA.	OFFSET	EACH
419+74	33.38	1
419+82	33.97	1
419+89	34.56	1
419+97	35.15	1
420+05	35.74	1
420+12	36.33	1



CONTROL POINT #92
 STA. 421+52.96, 11.98' LT.
 N 1381308.36
 E 2123358.15
 ELEV.= 695.94

SCARIFY EXISTING SURFACE
 STA. 417+75 TO STA. 423+75, 866.7 SQ. YD.

EXIST. CURVE C116
 PI STA. = 421+73.67
 $\Delta = 55^\circ 30' 43''$ (RT)
 $D = 25^\circ 27' 53''$
 $R = 225.00'$
 $T = 118.41'$
 $L = 217.99'$
 $E = 29.25'$
 P.C. STA. = 420+55.26
 P.T. STA. = 422+73.26

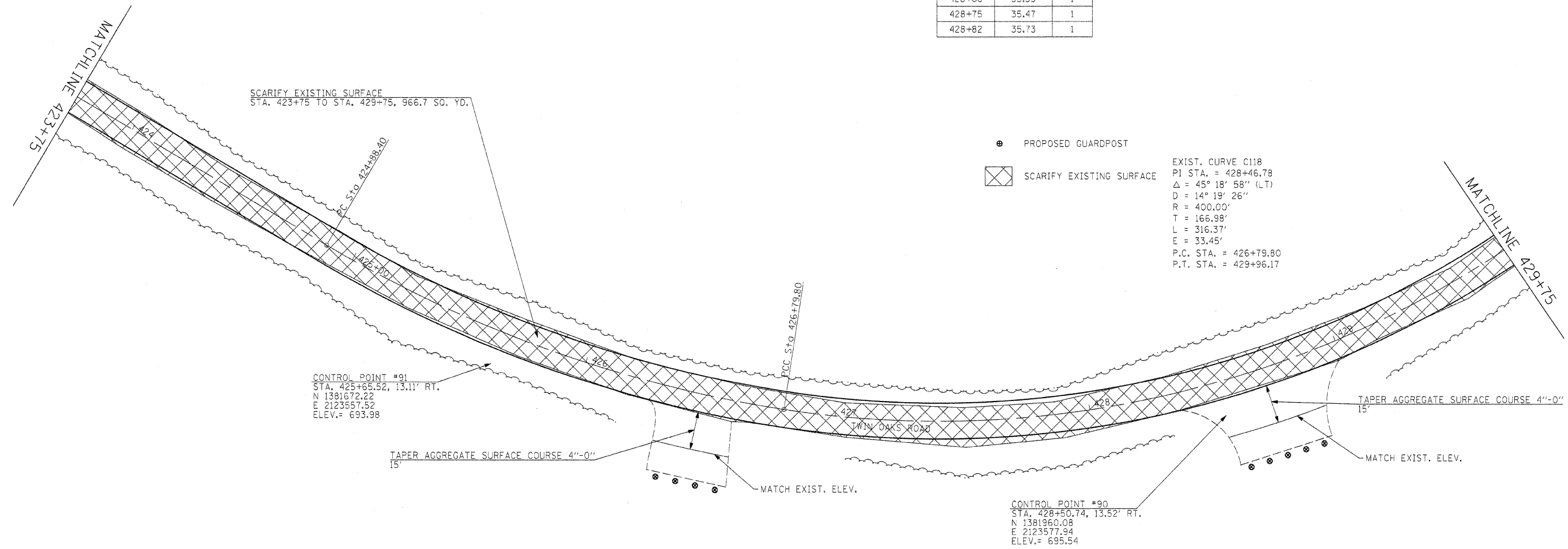
EXIST. CURVE C115
 PI STA. = 418+82.77
 $\Delta = 34^\circ 51' 43''$ (LT)
 $D = 25^\circ 27' 53''$
 $R = 225.00'$
 $T = 70.64'$
 $L = 136.90'$
 $E = 10.83'$
 P.C. STA. = 418+12.12
 P.T. STA. = 419+49.02

- SCARIFY EXISTING SURFACE
- PROPOSED GUARDPOST

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 79 OF 162 SHEETS	STA. 417+75 TO STA. 423+75	ARGYLE LAKE STATE PARK	MCDONOUGH	162	79
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -								CONTRACT NO. 46158
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



GUARD POSTS		
STA.	OFFSET	EACH
426+37	35.51	1
426+44	35.42	1
426+52	35.44	1
426+59	35.58	1
428+55	35.44	1
428+61	35.32	1
428+68	35.33	1
428+75	35.47	1
428+82	35.73	1



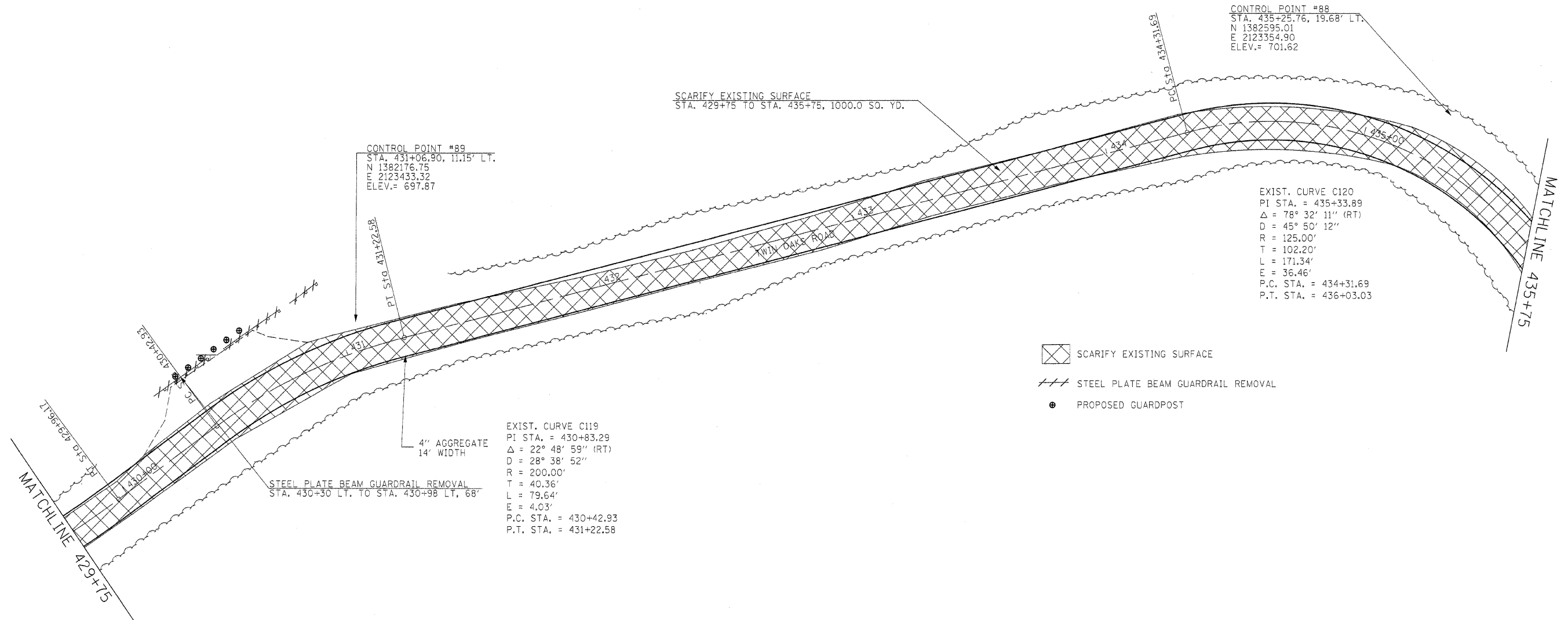
⊙ PROPOSED GUARDPOST

▨ SCARIFY EXISTING SURFACE

EXIST. CURVE C118
 PI STA. = 428+46.78
 $\Delta = 45^\circ 18' 58''$ (LT)
 $D = 14^\circ 19' 26''$
 $R = 400.00'$
 $T = 166.98'$
 $L = 316.37'$
 $E = 33.45'$
 P.C. STA. = 426+79.80
 P.T. STA. = 429+96.17

FILE NAME =	USER NAME = #USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	80	
PLOT SCALE = #SCALE*		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE*		DATE - 12/09/10	REVISED -			SCALE: 1" = 20'		SHEET NO. 80 OF 162 SHEETS STA. 423+75 TO STA. 429+75		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GUARD POSTS		
STA.	OFFSET	EACH
430+41	24.59	1
430+47	24.53	1
430+52	24.63	1
430+58	24.90	1
430+63	25.32	1
430+68	25.89	1

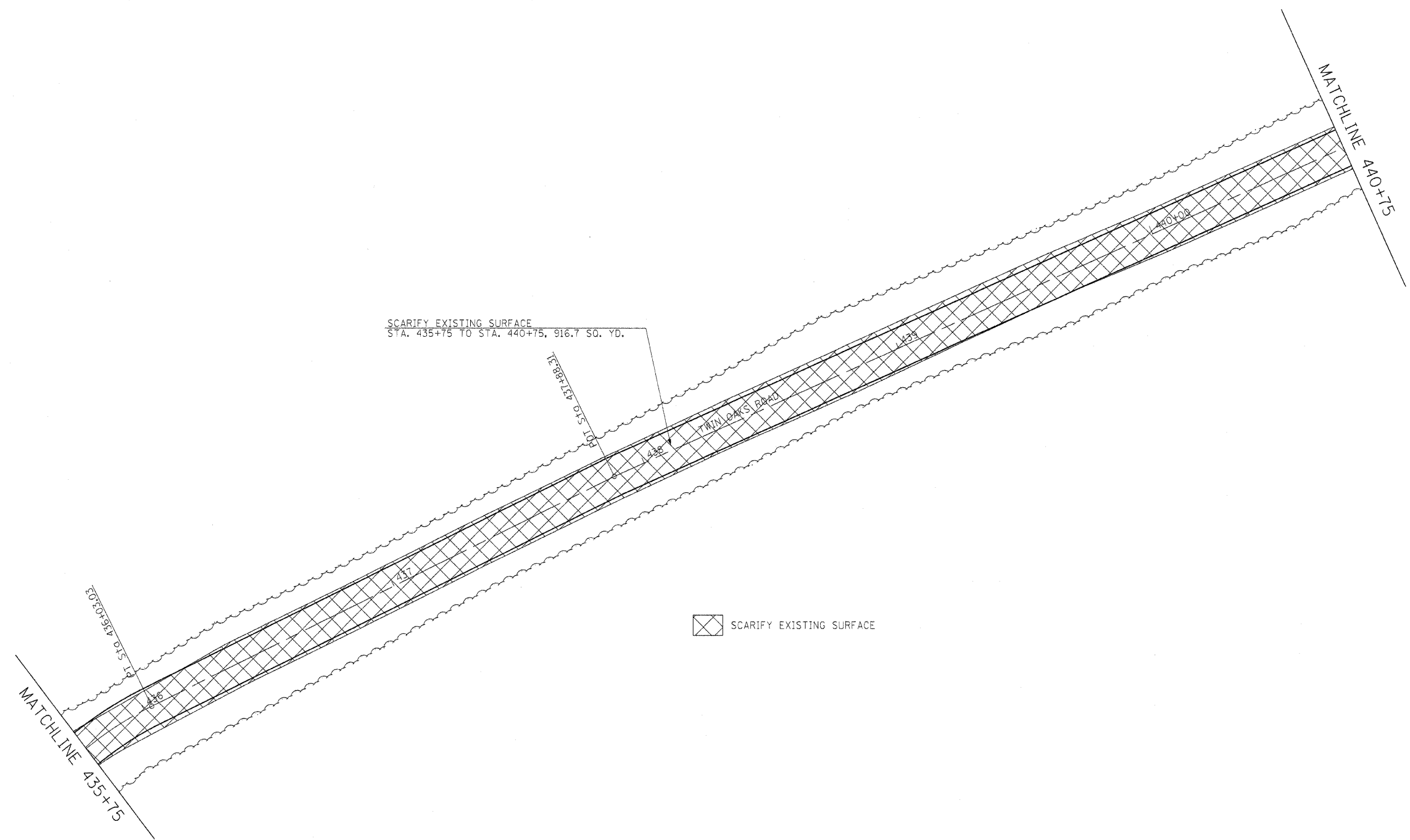


- SCARIFY EXISTING SURFACE
- STEEL PLATE BEAM GUARDRAIL REMOVAL
- PROPOSED GUARDPOST

EXIST. CURVE C119
 PI STA. = 430+83.29
 $\Delta = 22^\circ 48' 59''$ (RT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 40.36'$
 $L = 79.64'$
 $E = 4.03'$
 P.C. STA. = 430+42.93
 P.T. STA. = 431+22.58

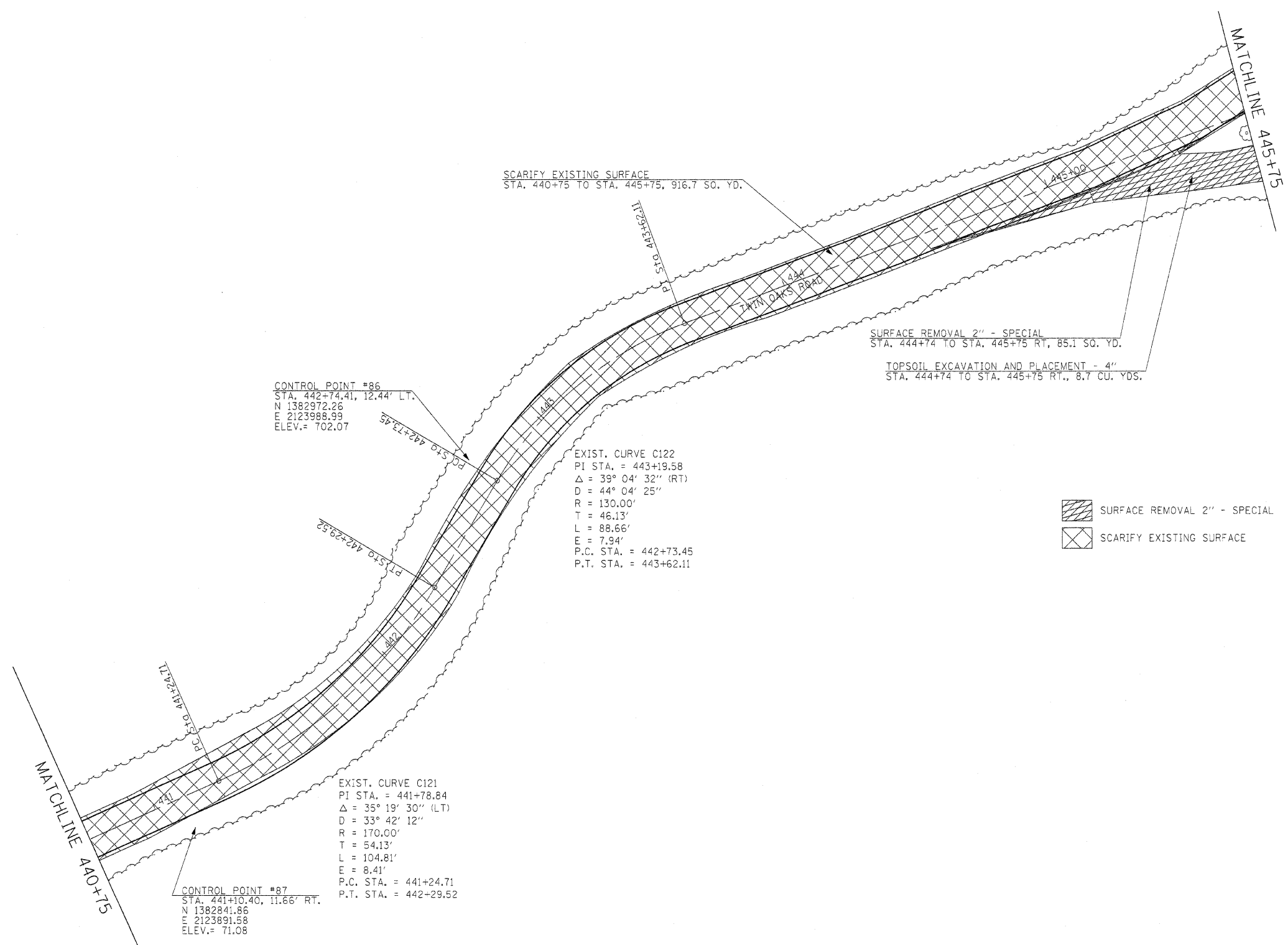
EXIST. CURVE C120
 PI STA. = 435+33.89
 $\Delta = 78^\circ 32' 11''$ (RT)
 $D = 45^\circ 50' 12''$
 $R = 125.00'$
 $T = 102.20'$
 $L = 171.34'$
 $E = 36.46'$
 P.C. STA. = 434+31.69
 P.T. STA. = 436+03.03

FILE NAME = #FILEL\$	USER NAME = #USER\$	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE\$	DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 81 OF 162 SHEETS	STA. 429+75 TO STA. 435+75	ARGYLE LAKE STATE PARK	MCDONOUGH	162	81	
PLOT DATE = #DATE\$	CHECKED - T.T.P.	REVISED -	REVISED -				CONTRACT NO. 46158					
	DATE - 12/09/10	REVISED -	REVISED -				ILLINOIS FED. AID PROJECT					



 SCARIFY EXISTING SURFACE

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	82	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 82 OF 162 SHEETS		STA. 435+75 TO STA. 440+75		





CONTROL POINT #86
 STA. 442+74.41, 12.44' LT.
 N 1382972.26
 E 2123988.99
 ELEV. = 702.07

EXIST. CURVE C122
 PI STA. = 443+19.58
 $\Delta = 39^\circ 04' 32''$ (RT)
 D = 44' 04' 25"
 R = 130.00'
 T = 46.13'
 L = 88.66'
 E = 7.94'
 P.C. STA. = 442+73.45
 P.T. STA. = 443+62.11

EXIST. CURVE C121
 PI STA. = 441+78.84
 $\Delta = 35^\circ 19' 30''$ (LT)
 D = 33' 42' 12"
 R = 170.00'
 T = 54.13'
 L = 104.81'
 E = 8.41'
 P.C. STA. = 441+24.71
 P.T. STA. = 442+29.52

CONTROL POINT #87
 STA. 441+10.40, 11.66' RT.
 N 1382841.86
 E 2123891.58
 ELEV. = 71.08

 SURFACE REMOVAL 2" - SPECIAL
 SCARIFY EXISTING SURFACE

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -				ARGYLE LAKE STATE PARK	MCDONOUGH	162	83	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -				CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 83 OF 162 SHEETS	STA. 440+75 TO STA. 445+75				



GUARD POSTS		
STA.	OFFSET	EACH
504+43	25.99	1
504+51	31.71	1
504+57	37.45	1
504+64	43.19	1
504+71	49.37	1
504+77	56.22	1
504+83	62.84	1
504+95	56.26	1
505+23	44.47	1
505+25	35.69	1
505+27	26.92	1
505+29	18.15	1
505+31	9.38	1
505+33	0.61	1

☒ SCARIFY EXISTING SURFACE

/// STEEL PLATE BEAM GUARDRAIL REMOVAL

● PROPOSED GUARDPOST

MATCHLINE 500+75
P.C. Sta 500+81.01

EXIST. CURVE C123
PI STA. = 501+46.92
Δ = 47° 26' 20" (LT)
D = 38° 11' 50"
R = 150.00'
T = 65.91'
L = 124.19'
E = 13.84'
P.C. STA. = 500+81.01
P.T. STA. = 502+05.20

SCARIFY EXISTING SURFACE
STA. 500+75 TO STA. 505+25, 965.1 SQ. YD.

POT Sta 502+05.20

POT Sta 502+64.59

POT Sta 503+52.85

CONTROL POINT #101
STA. 504+56.10, 4.12' RT.
N 1380653.31
E 2123830.87
ELEV. = 696.85

GUARDRAIL REMOVAL
STA. 505+22 LT. TO STA. 505+35 LT., 48'

POT Sta 505+44.29

WOOD GUARDRAIL REMOVAL
STA. 504+46 RT. TO STA. 504+96 RT., 53'

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

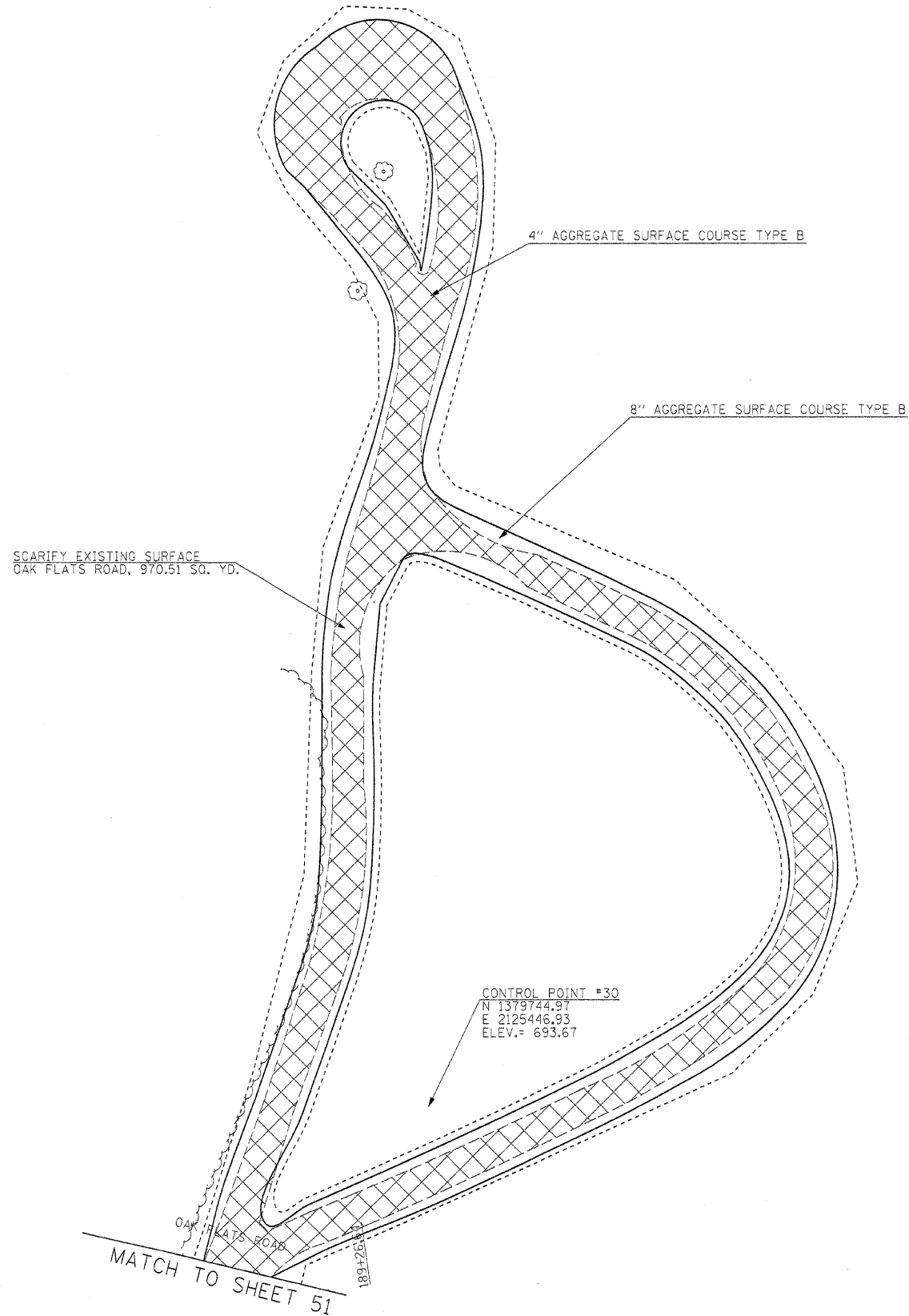
**ARGYLE LAKE STATE PARK
SIDE ROAD**

SCALE: 1" = 20' SHEET NO. 84 OF 162 SHEETS STA. 500+75 TO STA. 505+44.29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	84
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 46158	

☒ SCARIFY EXISTING SURFACE

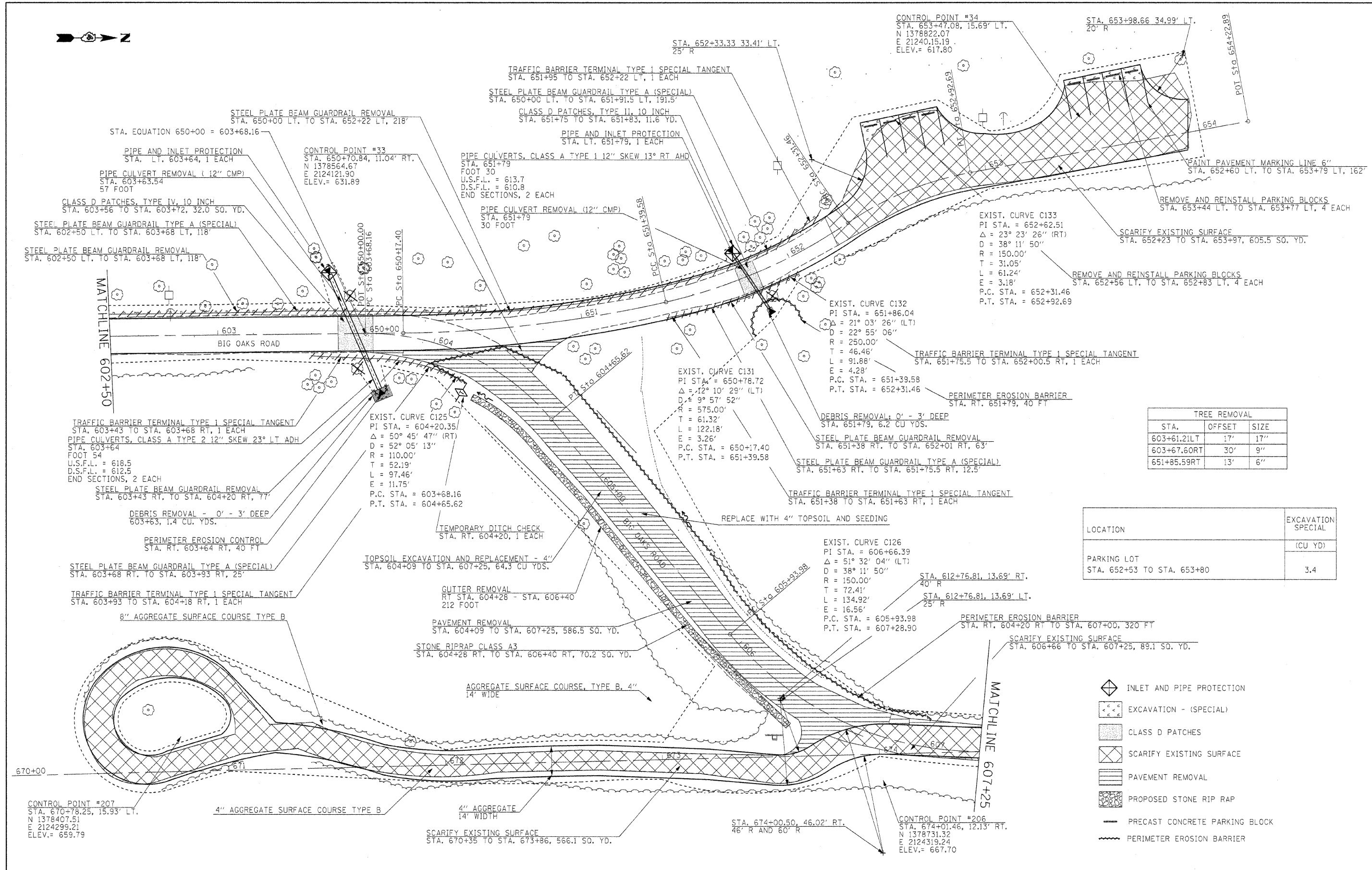
*SHEET 51 QUANTITIES
 SCARIFY = 32.4 SQ. YD.
 4" AGG. = 7.38 TONS



CONTROL POINT #30
 N 1379744.97
 E 2125446.93
 ELEV. = 693.67

MATCH TO SHEET 51

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 85 OF 162 SHEETS	STA.	TO STA.	ARGYLE LAKE STATE PARK	MCDONOUGH	162	85
		CHECKED - T.T.P.	REVISED -						CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -						ILLINOIS FED. AID PROJECT			

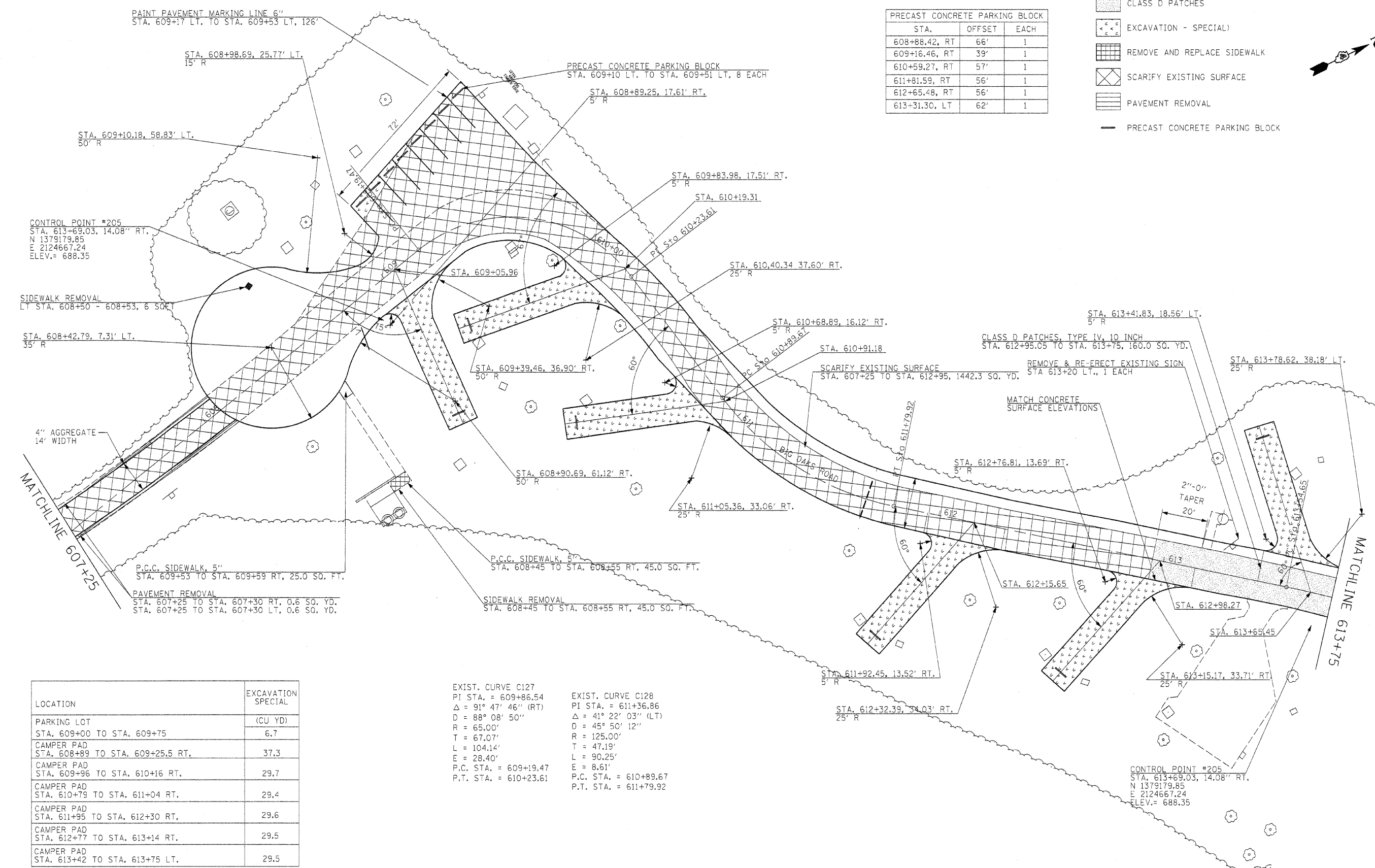


TREE REMOVAL		
STA.	OFFSET	SIZE
603+61.21LT	17'	17"
603+67.60RT	30'	9"
651+85.59RT	13'	6"

LOCATION	EXCAVATION
	SPECIAL (CU YD)
PARKING LOT STA. 652+53 TO STA. 653+80	3.4

- INLET AND PIPE PROTECTION
- EXCAVATION - (SPECIAL)
- CLASS D PATCHES
- SCARIFY EXISTING SURFACE
- PAVEMENT REMOVAL
- PROPOSED STONE RIP RAP
- PRECAST CONCRETE PARKING BLOCK
- PERIMETER EROSION BARRIER

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	86	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'		SHEET NO. 86 OF 162 SHEETS		STA. 602+50 TO STA. 607+25



STA.	OFFSET	EACH
608+88.42, RT	66'	1
609+16.46, RT	39'	1
610+59.27, RT	57'	1
611+81.59, RT	56'	1
612+65.48, RT	56'	1
613+31.30, LT	62'	1

- CLASS D PATCHES
- EXCAVATION - SPECIAL
- REMOVE AND REPLACE SIDEWALK
- SCARIFY EXISTING SURFACE
- PAVEMENT REMOVAL
- PRECAST CONCRETE PARKING BLOCK

CONTROL POINT #205
 STA. 613+69.03, 14.08" RT.
 N 1379179.85
 E 2124667.24
 ELEV.= 688.35

SIDEWALK REMOVAL
 LT STA. 608+50 - 608+53, 6 SQ FT

STA. 608+42.79, 7.31' LT.
 35' R

4" AGGREGATE
 14' WIDTH

MATCHLINE 607+25

P.C.C. SIDEWALK, 5"
 STA. 609+53 TO STA. 609+59 RT, 25.0 SQ. FT.

PAVEMENT REMOVAL
 STA. 607+25 TO STA. 607+30 RT, 0.6 SQ. YD.
 STA. 607+25 TO STA. 607+30 LT, 0.6 SQ. YD.

P.C.C. SIDEWALK, 5"
 STA. 608+45 TO STA. 608+55 RT, 45.0 SQ. FT.

SIDEWALK REMOVAL
 STA. 608+45 TO STA. 608+55 RT, 45.0 SQ. FT.

CLASS D PATCHES, TYPE IV, 10 INCH
 STA. 612+95.05 TO STA. 613+75, 160.0 SQ. YD.

SCARIFY EXISTING SURFACE
 STA. 607+25 TO STA. 612+95, 1442.3 SQ. YD.

REMOVE & RE-ERECT EXISTING SIGN
 STA 613+20 LT., 1 EACH

MATCH CONCRETE
 SURFACE ELEVATIONS

2"-0"
 TAPER
 20'

MATCHLINE 613+75

LOCATION	EXCAVATION SPECIAL (CU YD)
PARKING LOT STA. 609+00 TO STA. 609+75	6.7
CAMPER PAD STA. 608+89 TO STA. 609+25.5 RT.	37.3
CAMPER PAD STA. 609+96 TO STA. 610+16 RT.	29.7
CAMPER PAD STA. 610+79 TO STA. 611+04 RT.	29.4
CAMPER PAD STA. 611+95 TO STA. 612+30 RT.	29.6
CAMPER PAD STA. 612+77 TO STA. 613+14 RT.	29.5
CAMPER PAD STA. 613+42 TO STA. 613+75 LT.	29.5

EXIST. CURVE C127
 PI STA. = 609+86.54
 $\Delta = 91^\circ 47' 46''$ (RT)
 D = 88° 08' 50"
 R = 65.00'
 T = 67.07'
 L = 104.14'
 E = 28.40'
 P.C. STA. = 609+19.47
 P.T. STA. = 610+23.61

EXIST. CURVE C128
 PI STA. = 611+36.86
 $\Delta = 41^\circ 22' 03''$ (LT)
 D = 45° 50' 12"
 R = 125.00'
 T = 47.19'
 L = 90.25'
 E = 8.61'
 P.C. STA. = 610+89.67
 P.T. STA. = 611+79.92

CONTROL POINT #205
 STA. 613+69.03, 14.08" RT.
 N 1379179.85
 E 2124667.24
 ELEV.= 688.35

FILE NAME =
 #FILEL#

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

DESIGNED - R.H.D.
 DRAWN - J.T.T.
 CHECKED - T.T.P.
 DATE - 12/09/10

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

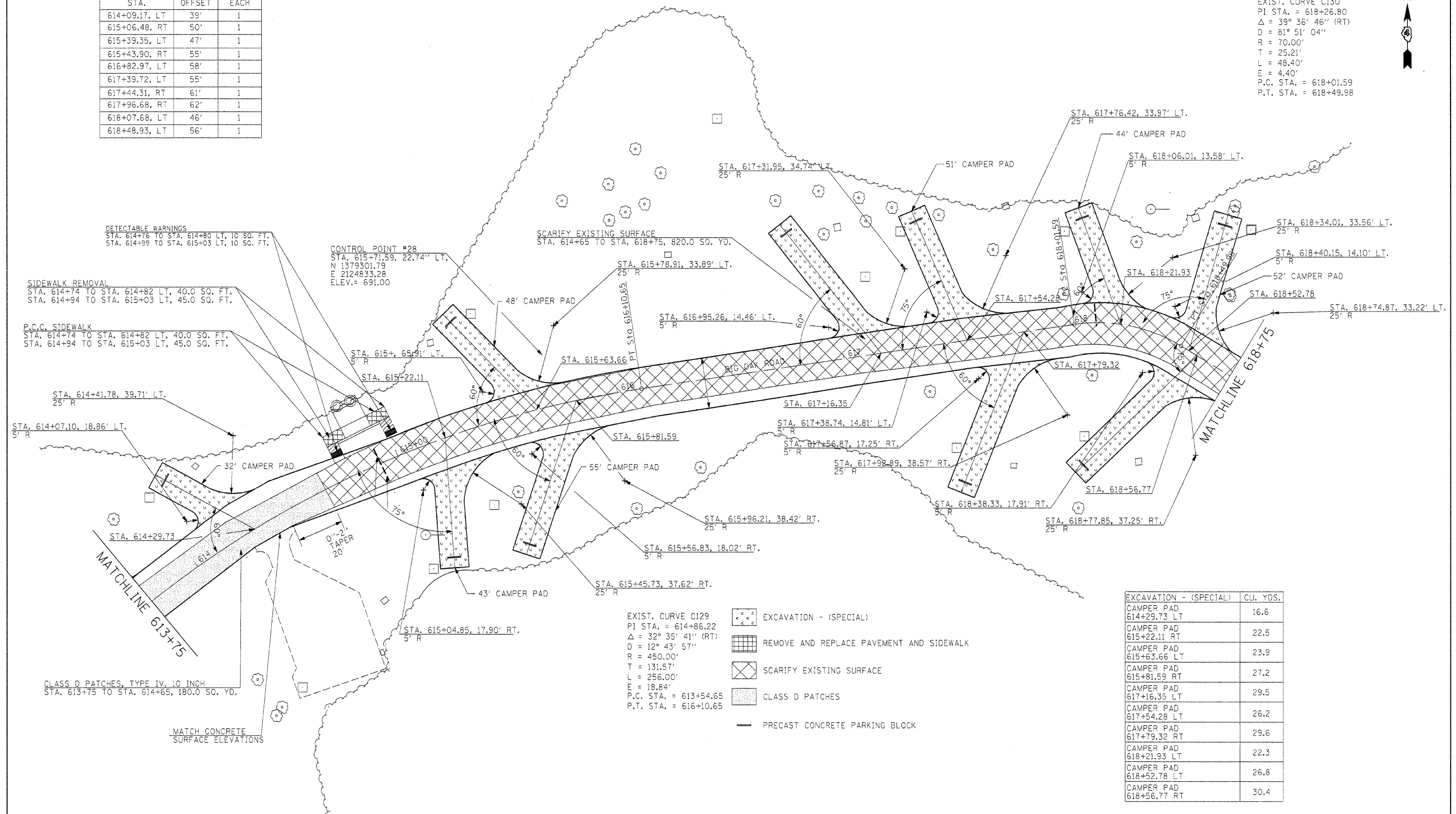
ARGYLE LAKE STATE PARK
 SIDE ROAD

SCALE: 1" = 20' SHEET NO. 87 OF 162 SHEETS STA. 607+25 TO STA. 613+75

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	87
CONTRACT NO. 46158				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STA.	OFFSET	EACH
614+09.17, LT	39'	1
615+06.48, RT	50'	1
615+39.35, LT	47'	1
615+43.90, RT	55'	1
616+82.97, LT	58'	1
617+39.72, LT	55'	1
617+44.31, RT	61'	1
617+96.68, RT	62'	1
618+07.68, LT	46'	1
618+48.93, LT	56'	1

EXIST. CURVE C130
 PI STA. = 618+26.80
 Δ = 39° 36' 46" (RT)
 D = 81° 51' 04"
 R = 70.00'
 T = 25.21'
 L = 48.40'
 E = 4.40'
 P.C. STA. = 618+01.59
 P.T. STA. = 618+49.98



DETECTABLE WARNINGS
 STA. 614+76 TO STA. 614+80 LT, 10 SQ. FT.
 STA. 614+99 TO STA. 615+03 LT, 10 SQ. FT.

SIDEWALK REMOVAL
 STA. 614+74 TO STA. 614+82 LT, 40.0 SQ. FT.
 STA. 614+94 TO STA. 615+03 LT, 45.0 SQ. FT.

P.C.C. SIDEWALK
 STA. 614+74 TO STA. 614+82 LT, 40.0 SQ. FT.
 STA. 614+94 TO STA. 615+03 LT, 45.0 SQ. FT.

CONTROL POINT #28
 STA. 615+71.59, 22.74" LT.
 N 1379301.79
 E 2124833.28
 ELEV. = 691.00

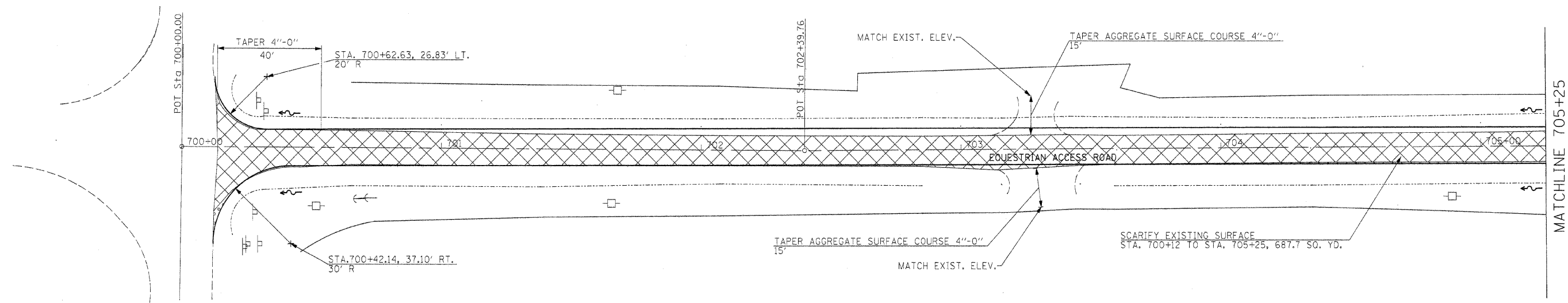
SCARIFY EXISTING SURFACE
 STA. 614+65 TO STA. 618+75, 820.0 SQ. YD.

EXCAVATION - (SPECIAL)	CU. YDS.
CAMPER PAD 614+29.73 LT	16.6
CAMPER PAD 615+22.11 RT	22.5
CAMPER PAD 615+63.66 LT	23.9
CAMPER PAD 615+81.59 RT	27.2
CAMPER PAD 617+16.35 LT	29.5
CAMPER PAD 617+54.28 LT	26.2
CAMPER PAD 617+79.32 RT	29.6
CAMPER PAD 618+21.93 LT	22.3
CAMPER PAD 618+52.78 LT	26.8
CAMPER PAD 618+56.77 RT	30.4

EXIST. CURVE C129
 PI STA. = 614+86.22
 Δ = 32° 35' 41" (RT)
 D = 12° 43' 57"
 R = 450.00'
 T = 131.57'
 L = 256.00'
 E = 18.84'
 P.C. STA. = 613+54.65
 P.T. STA. = 616+10.65

- EXCAVATION - (SPECIAL)
- REMOVE AND REPLACE PAVEMENT AND SIDEWALK
- SCARIFY EXISTING SURFACE
- CLASS D PATCHES
- PRECAST CONCRETE PARKING BLOCK

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	88	
		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 88 OF 162 SHEETS		STA. 613+75 TO STA. 618+75		



 SCARIFY EXISTING SURFACE



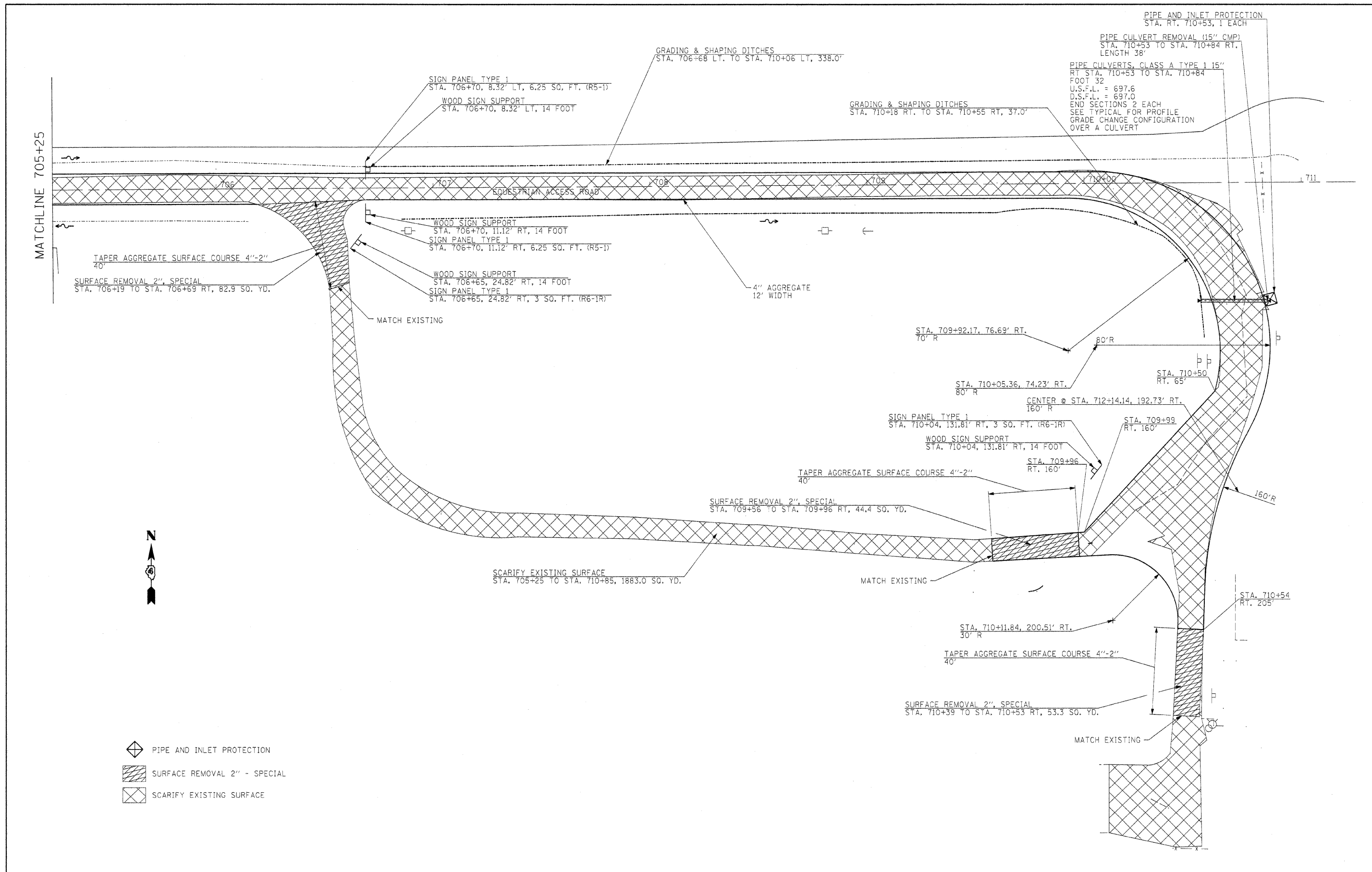
FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILEL#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 12/09/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARGYLE LAKE STATE PARK
SIDE ROAD**

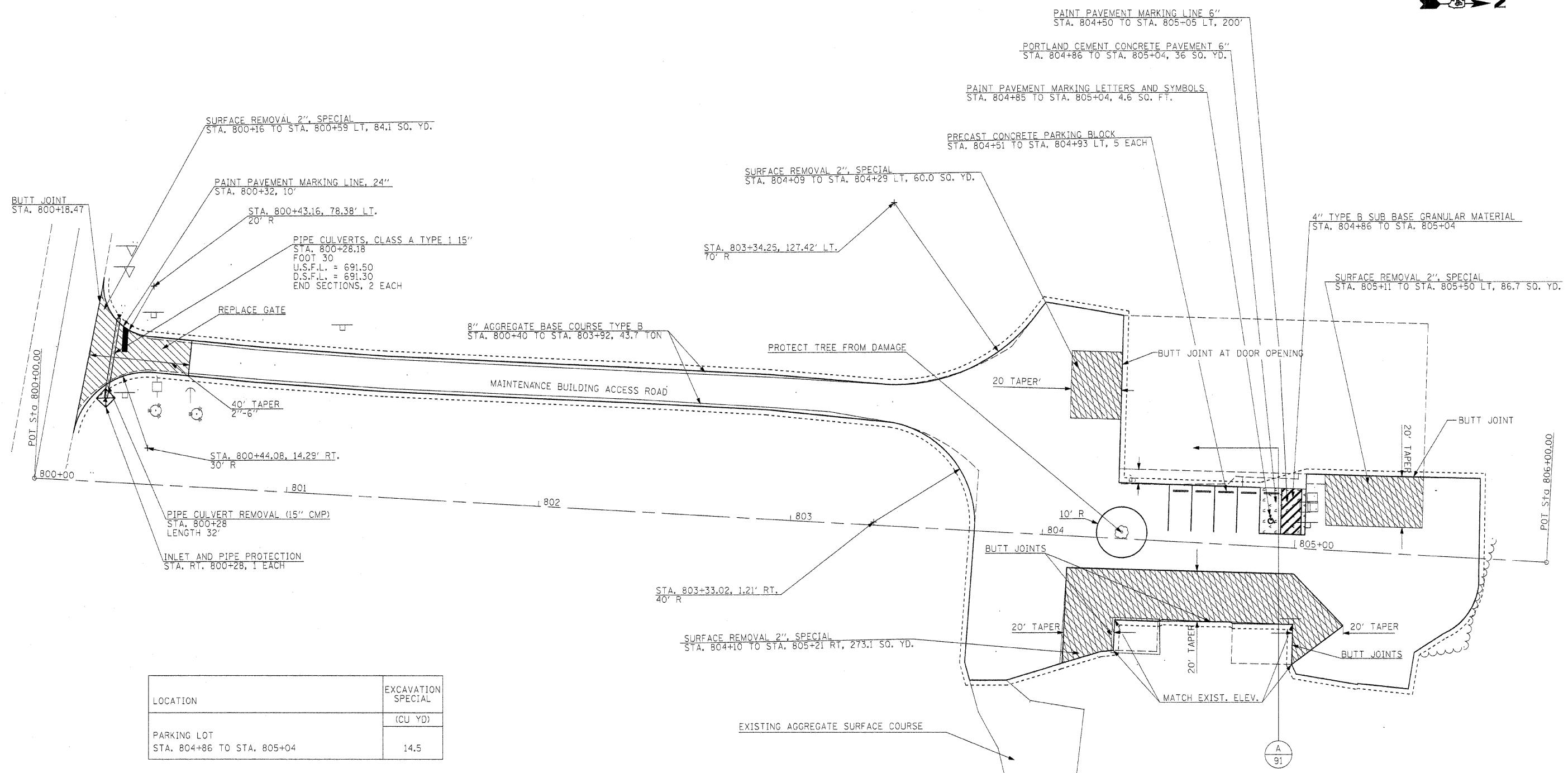
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ARGYLE LAKE STATE PARK	MCDONOUGH	162	89
			CONTRACT NO. 46158	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: 1" = 20' SHEET NO. 89 OF 162 SHEETS STA. 700+00 TO STA. 705+25



- PIPE AND INLET PROTECTION
- SURFACE REMOVAL 2" - SPECIAL
- SCARIFY EXISTING SURFACE

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 90 OF 162 SHEETS	STA. 705+25 TO STA. 711+25	ARGYLE LAKE STATE PARK	MCDONOUGH	162	90
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46158			
		DATE - 12/09/10	REVISED -					ILLINOIS FED. AID PROJECT			



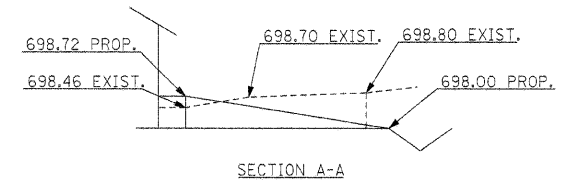
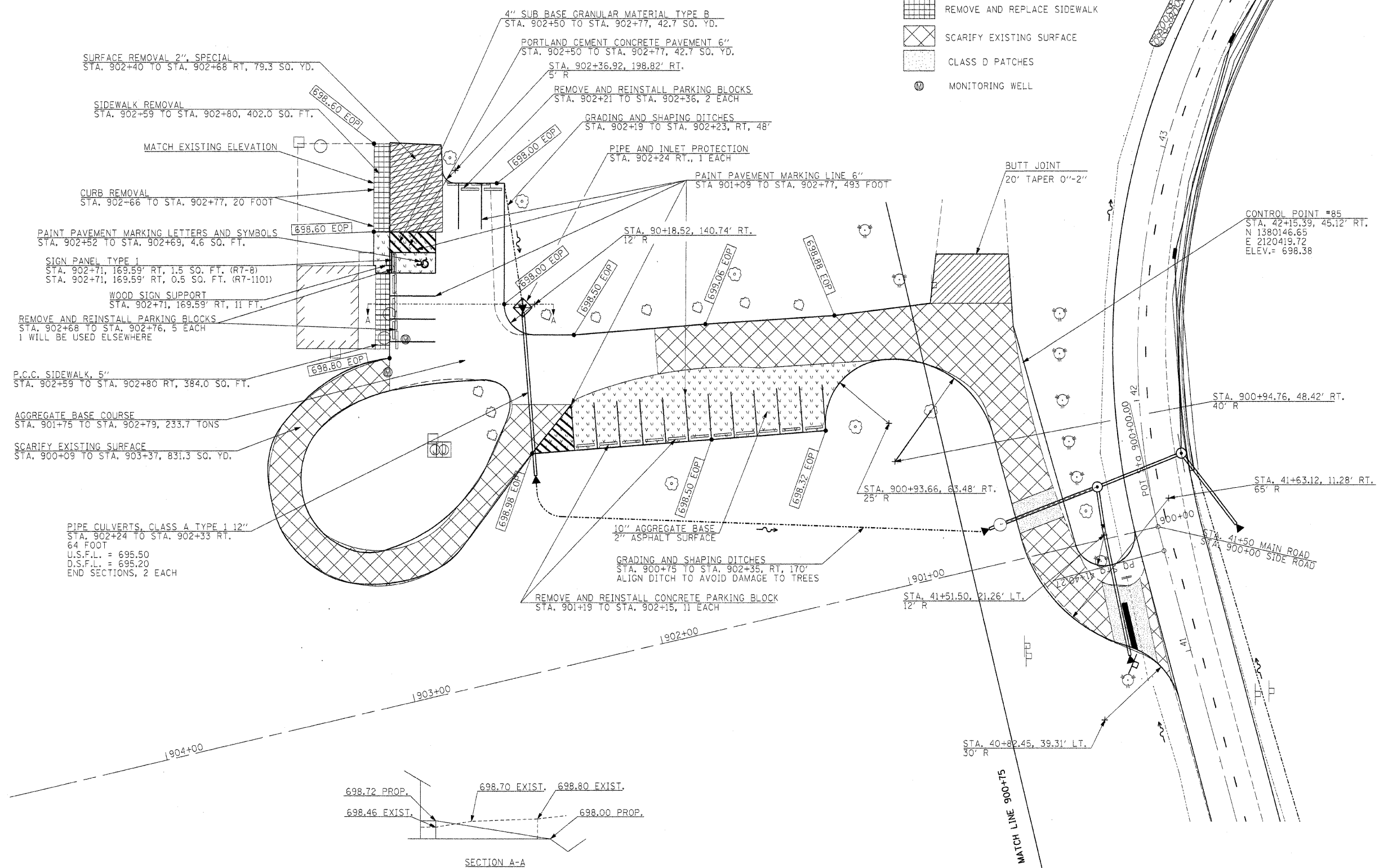
LOCATION	EXCAVATION SPECIAL (CU YD)
PARKING LOT STA. 804+86 TO STA. 805+04	14.5

- PIPE AND INLET PROTECTION
- EXCAVATION (SPECIAL)
- SURFACE REMOVAL 2" - SPECIAL
- PRECAST CONCRETE PARKING BLOCK

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - J.T.T.	REVISED -			ARGYLE LAKE STATE PARK	MCDONOUGH	162	91	
PLOT SCALE = #SCALE#		CHECKED - T.T.P.	REVISED -			CONTRACT NO. 46158				
PLOT DATE = #DATE#		DATE - 12/09/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 91 OF 162 SHEETS		STA. 800+00 TO STA. 806+00		

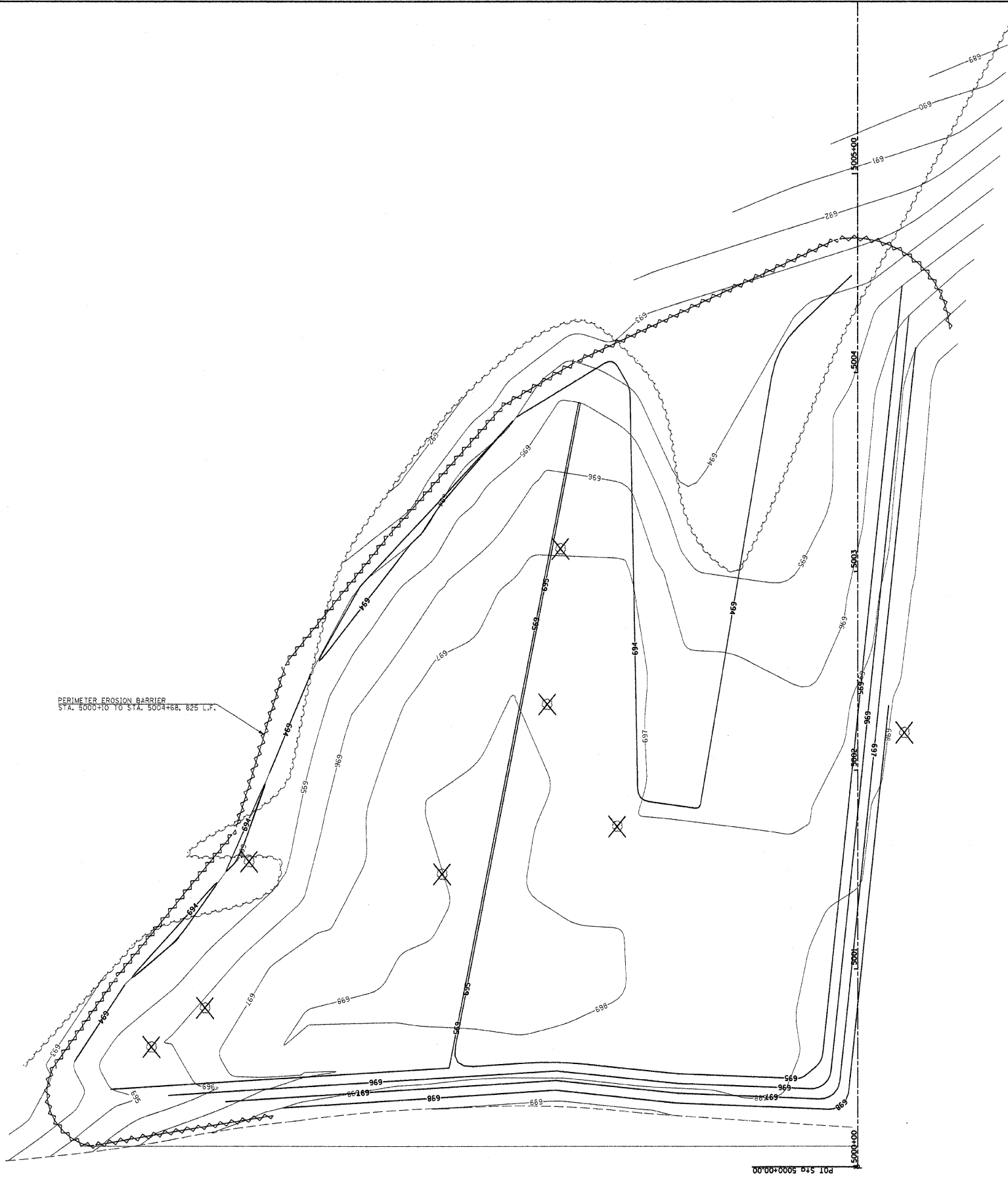
LOCATION	EXCAVATION SPECIAL
PARKING LOT STA. 900+91 TO STA. 902+77	(CU YD) 40.1

- PRECAST CONCRETE PARKING BLOCK
- EXCAVATION (SPECIAL)
- SURFACE REMOVAL 2" - SPECIAL
- REMOVE AND REPLACE SIDEWALK
- SCARIFY EXISTING SURFACE
- CLASS D PATCHES
- MONITORING WELL

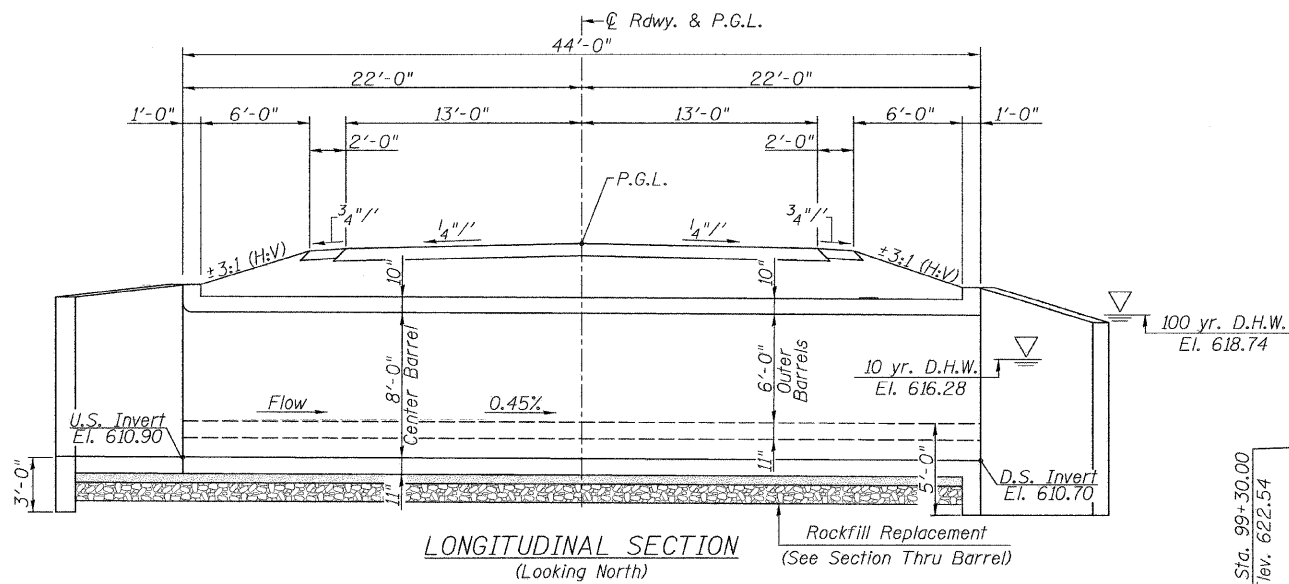


FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK SIDE ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISIONS -		SCALE: 1" = 20' SHEET NO. 92 OF 162 SHEETS STA. 900+75 TO STA. 904+00			ARGYLE LAKE STATE PARK	MCDONOUGH	162	92	
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISIONS -		CONTRACT NO. 46158			ILLINOIS FED. AID PROJECT				
		DATE - 12/09/10	REVISIONS -									

TREE REMOVAL		
STATION	OFFSET	SIZE
5000+60 LT	357'	10"
5000+60.5 LT	330'	12"
5001+47.7 LT	210'	10"
5001+54 LT	307'	12"
5001+71.6 LT	121'	10"
5002+18.9 RT	23'	12"
5002+33.1 LT	157'	10"
5003+11.5 LT	150'	22"



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARGYLE LAKE STATE PARK BORROW SITE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - S.D.K.	REVISED -		SCALE: 1"=30'	SHEET NO. 93 OF 162 SHEETS	STA. 5000+00 TO STA. 5006+00	ARGYLE LAKE STATE PARK	MCDONOUGH	162	93	
		CHECKED - T.T.P.	REVISED -		CONTRACT NO. 46158							
		DATE - 12/09/10	REVISED -		ILLINOIS FED. AID PROJECT							



INDEX OF SHEETS

1. General Plan & Elevation
2. Top Slab Reinforcement Plan
3. Bottom Slab Reinforcement Plan
- 4-6. Culvert Details
7. Borings

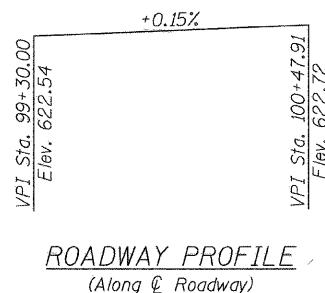
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Box Culverts	Cu. Yd.	171.2
Reinforcement Bars	Lb.	31070
Name Plates	Each	1
Granular Culvert Backfill	Cu. Yd.	162
Rockfill - Replacement	Ton	445
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	247

WATERWAY INFORMATION

Flood	Freq. Yr.	Q C.F.S.	Opening (Sq. Ft.)		Natural H.W.E.	Head - ft.		Exist. Prop.	Exist. Prop.
			Exist.	Prop.		Exist.	Prop.		
Drainage Area = 3.2 Sq. Mi.			Ex. Low Grade Elev. 615.79 Sta. 99+50 Pr. Low Grade Elev. 622.53 Sta. 99+23.13						
Design	10	1294	72.6/257.5	130.0	616.28	-0.06	0.26	616.22	616.54
	25	1997	72.6/423.9	165.9	617.21	0.04	1.63	617.25	618.84
	50	2654	72.6/560.0	208.0	617.92	0.08	3.40	618.00	621.32
Base	100	3522	72.6/724.1	208.0	618.74	0.14	3.42	618.88	622.16

Culvert/Overtopping
 10 year velocity through existing culvert = 6.8 fps
 10 year velocity at culvert outlet for center barrel = 9.7 fps.
 10 year velocity at culvert outlet for outer barrels = 9.4 fps.



STA. 99+79
 BUILT 20__ BY
 McDONOUGH COUNTY
 ARGYLE LAKE STATE PARK
 PARK ROADS
 STR. NO. 055-2009
 LOADING HS20-44
 NAME PLATE
 (Std. 515001)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
 for Highway Bridges.

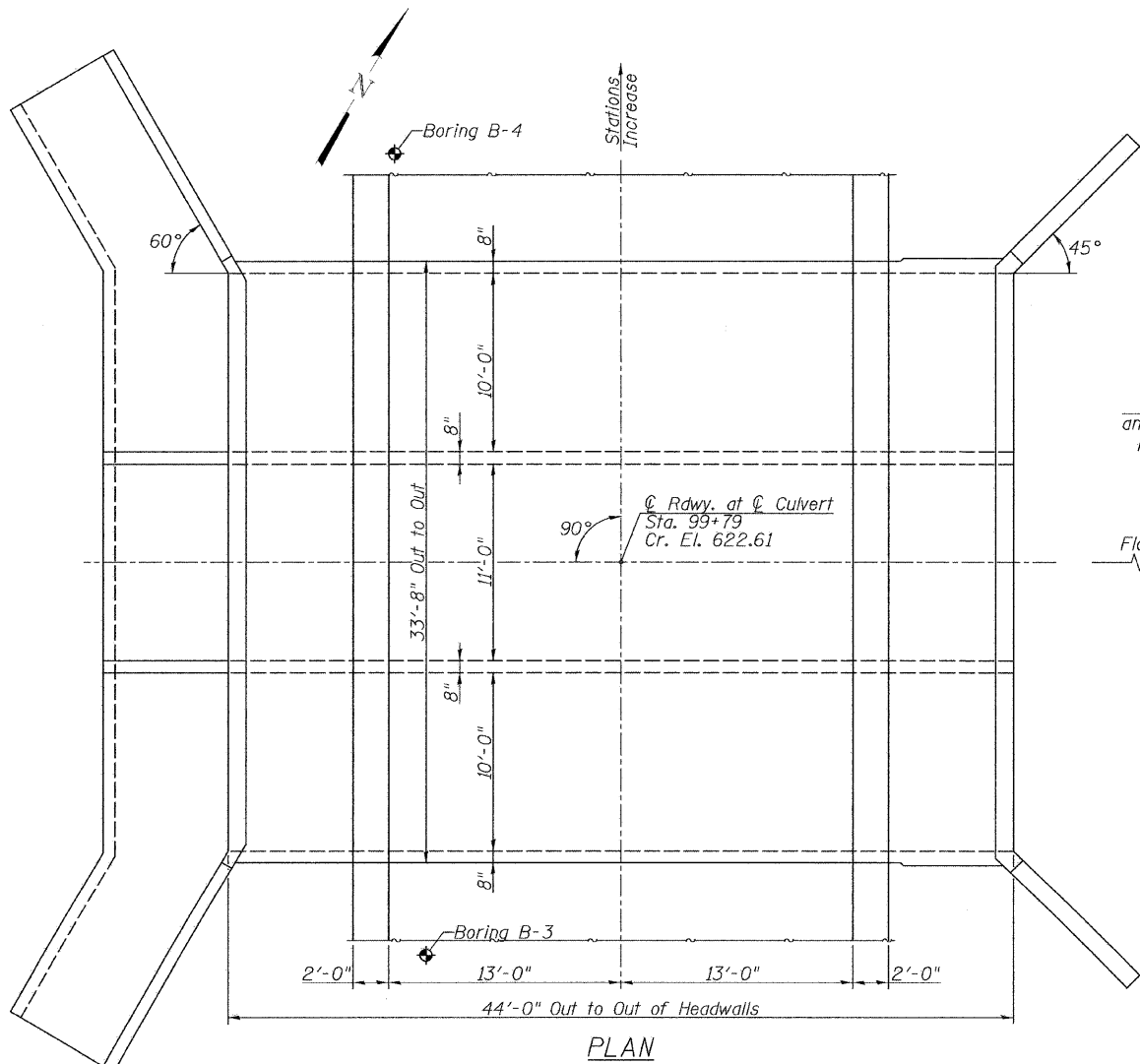
DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

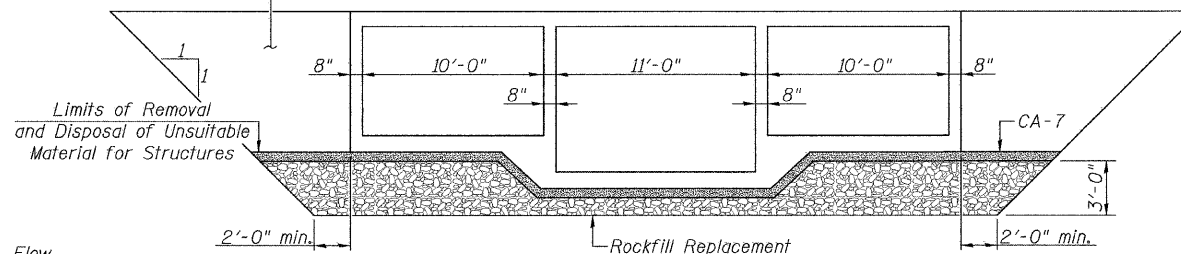
LOADING HS20-44
 Allow 50#/sq. ft. for future wearing surface.

GENERAL NOTES

1. Reinforcement bar shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. See Roadway Plans for riprap layout and quantities.
3. Exposed edges shall have a 3/4" chamfer.
4. At least 8 ft. of barrel shall be poured monolithically with the wingwalls.
5. Precast alternative is not allowed.

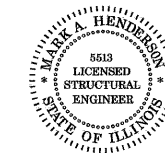


Granular Culvert Backfill within the limits of proposed roadway and shoulders (30' total length). Outside limits of shoulders, the culvert shall be backfilled in accordance with Section 502 of the Standard Specifications.

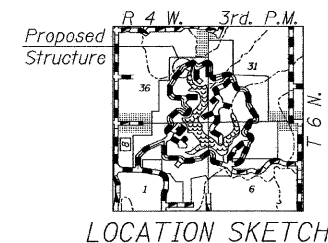


Note:
 The limits and quantities of removal and replacement shown may be modified by the Field Engineer for variable subsurface conditions encountered in the field.

APPROVED
 FOR STRUCTURAL ADEQUACY ONLY
 M. Henderson
 ENGINEER OF BRIDGES AND STRUCTURES

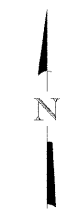
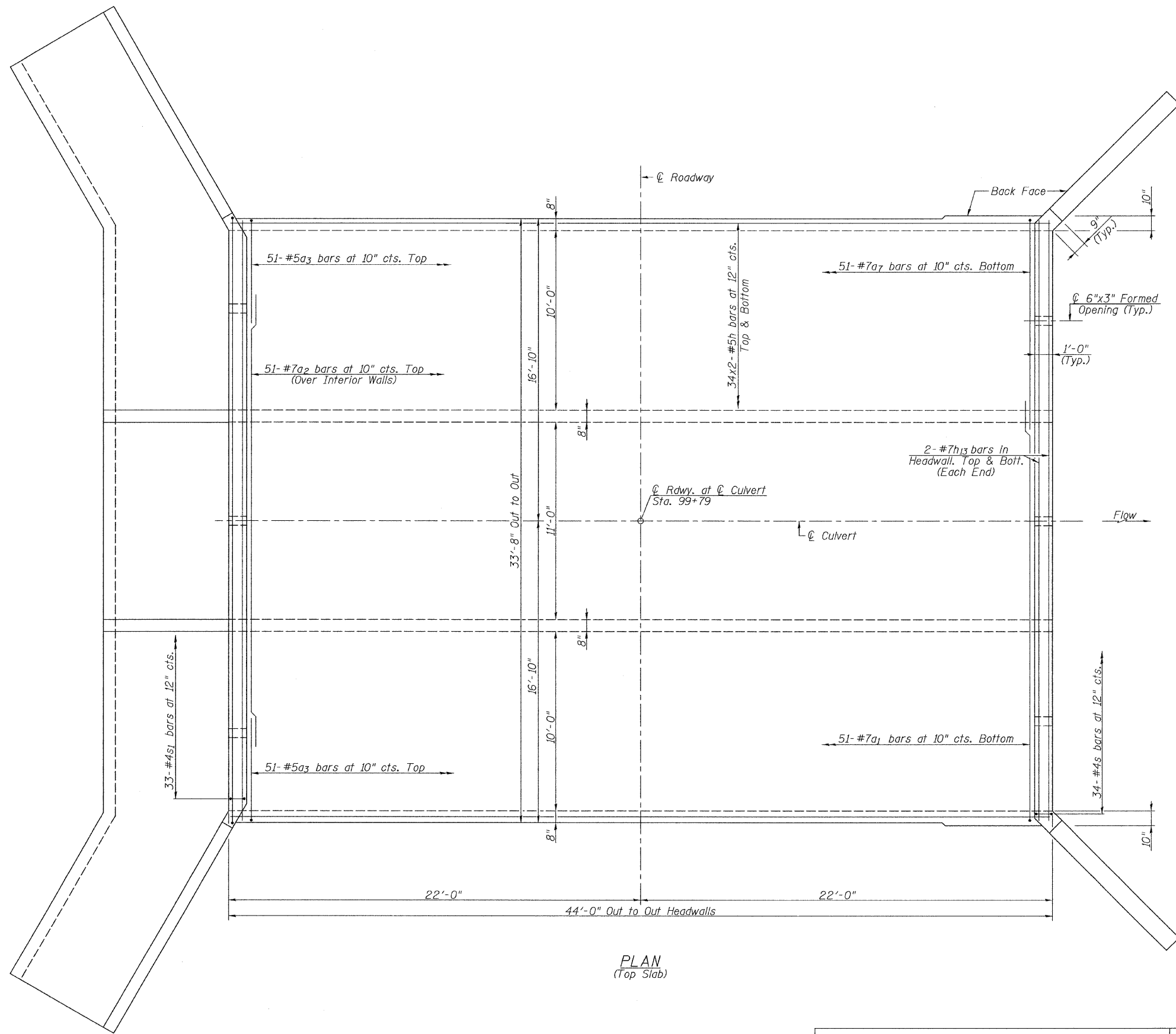


M.A. Henderson 12/8/2010
 Expiration 11/30/2012



GENERAL PLAN & ELEVATION
 ARGYLE PARK ROAD OVER
 TRIBUTARY TO ARGYLE LAKE
 ARGYLE LAKE STATE PARK
 McDONOUGH COUNTY
 STATION 99+79
 STRUCTURE NO. 055-2009

Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	SHEET NO. 1	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	7 SHEETS	*	ARGYLE LAKE STATE PARK	McDONOUGH	162	94
		*	PARK ROADS	CONTRACT NO. 46158		
		FED. ROAD DIST. NO.	ILLINOIS JOB NO. C-30-055-11			



MIN. BAR LAP

#5 = 1'-8"
 #7 = 2'-9"

NOTES:

Bars indicated thus 2x2-#7 etc. indicates 2 lines of bars with 2 lengths per line.

PLAN
 (Top Slab)

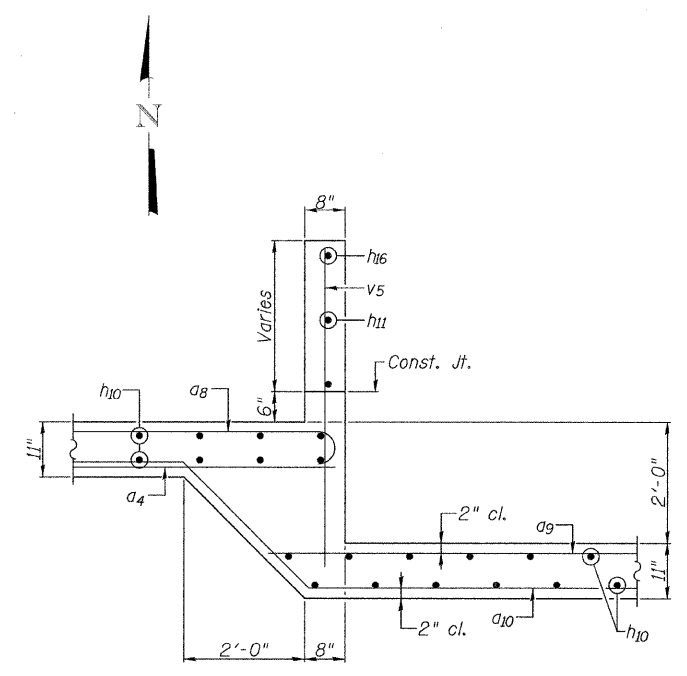
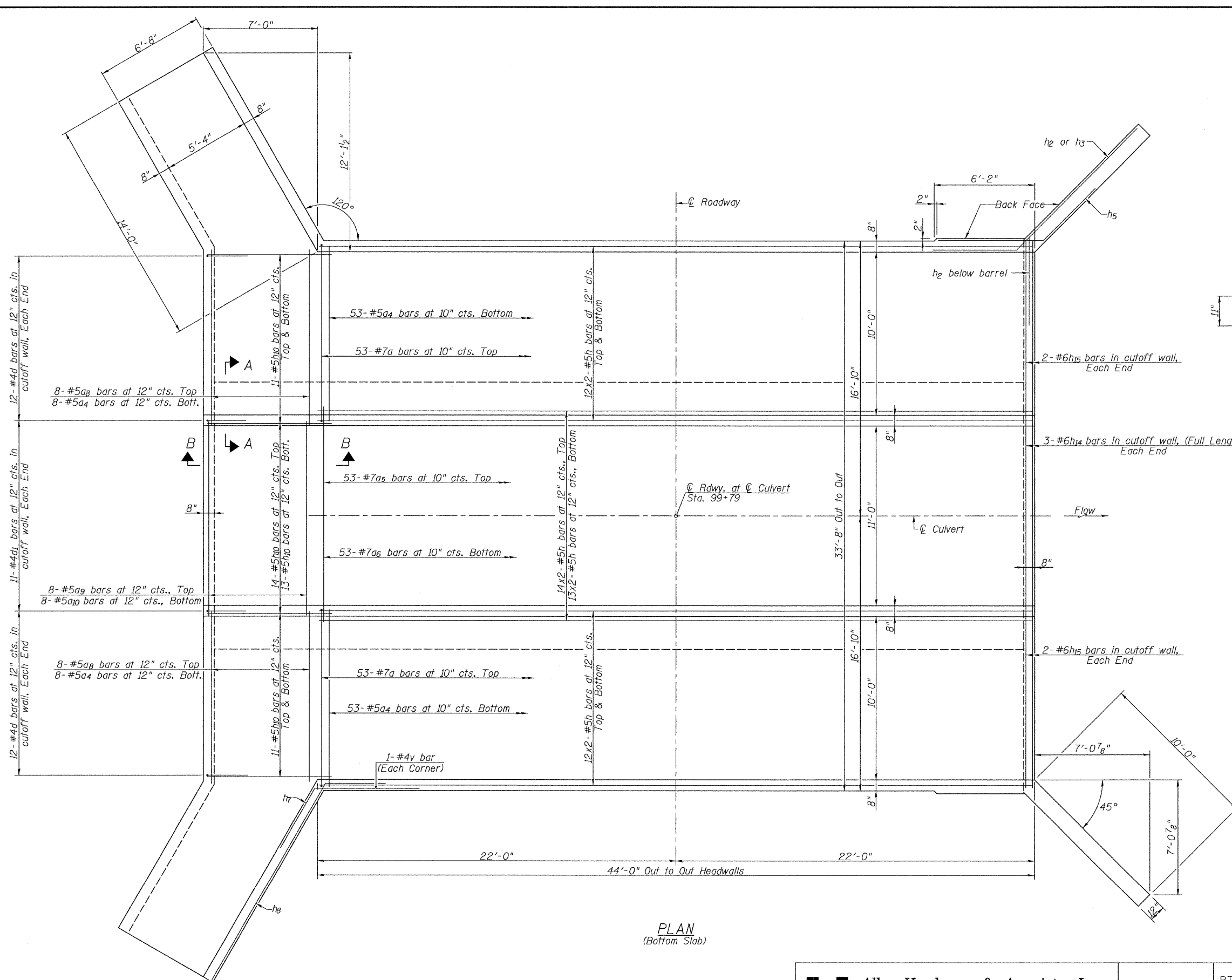
TOP SLAB REINFORCEMENT PLAN
 STRUCTURE NO. 055-2009



Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62703 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

SHEET NO. 2
 7 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	ARGYLE LAKE STATE PARK	MCDONOUGH	162	95
*	PARK ROADS	CONTRACT NO. 46158		
FED. ROAD DIST. NO.		ILLINOIS JOB NO. C-30-055-11		



SECTION A-A

MIN. BAR LAP


- #4 = 1'-4"
- #5 = 1'-8"
- #6 = 2'-0"
- #7 = 2'-9"

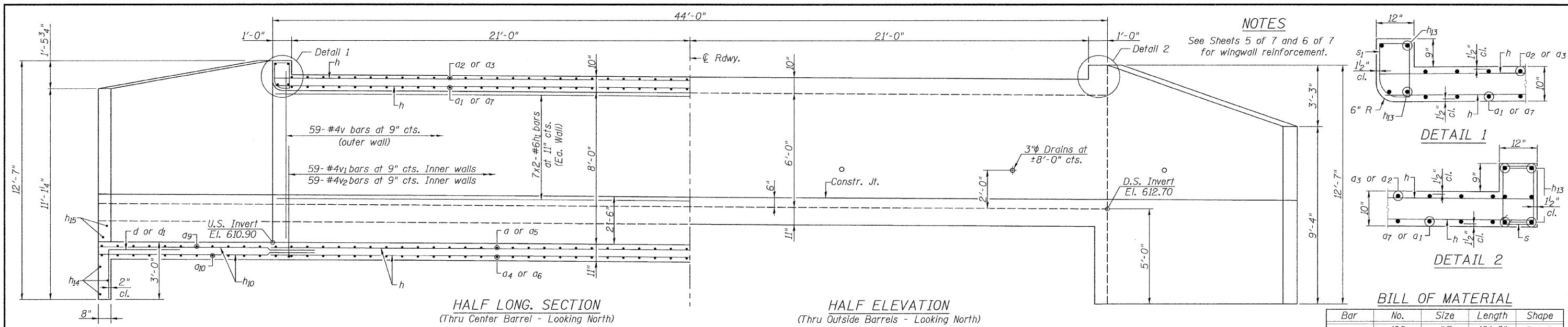
NOTES:

For Section B-B see Sheet 5 of 7.
 See Sheets 5 of 7 and 6 of 7 for wingwall details.
 Bars indicated thus 12x2-#5 etc. indicates 12 lines of bars with 2 lengths per line.
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

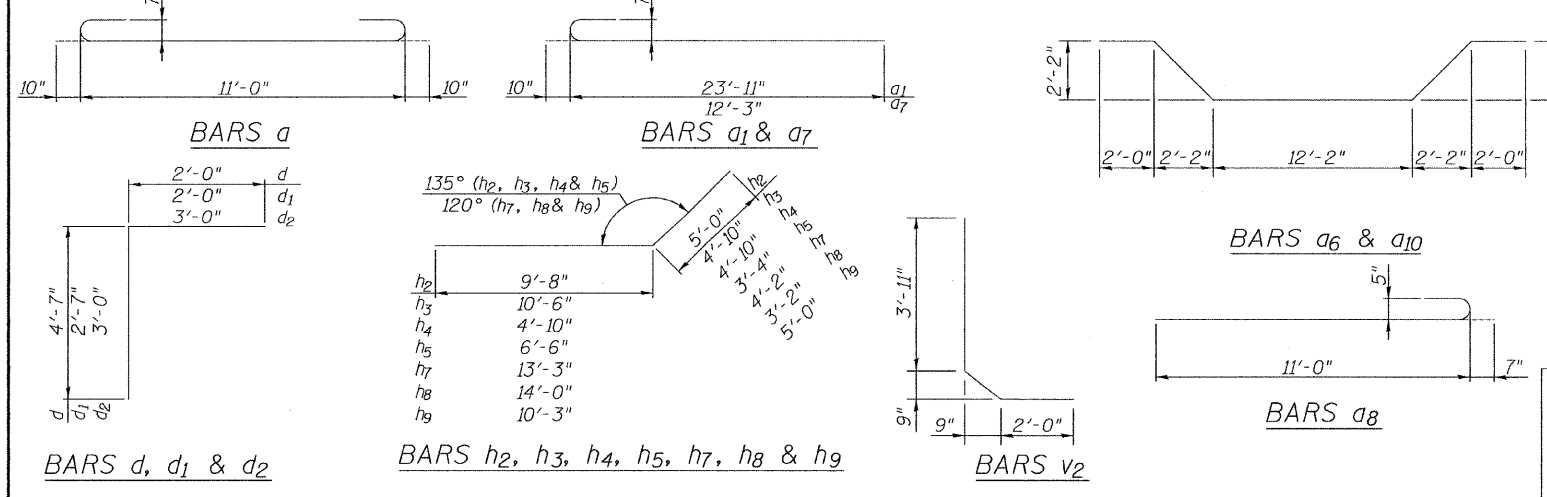
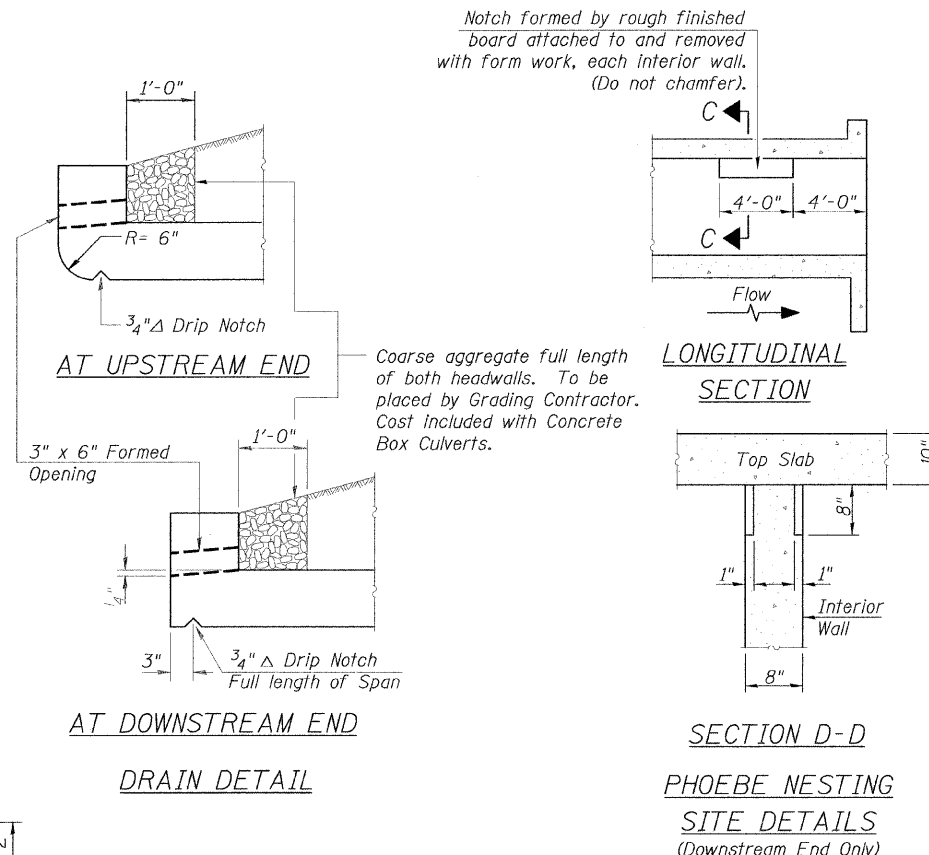
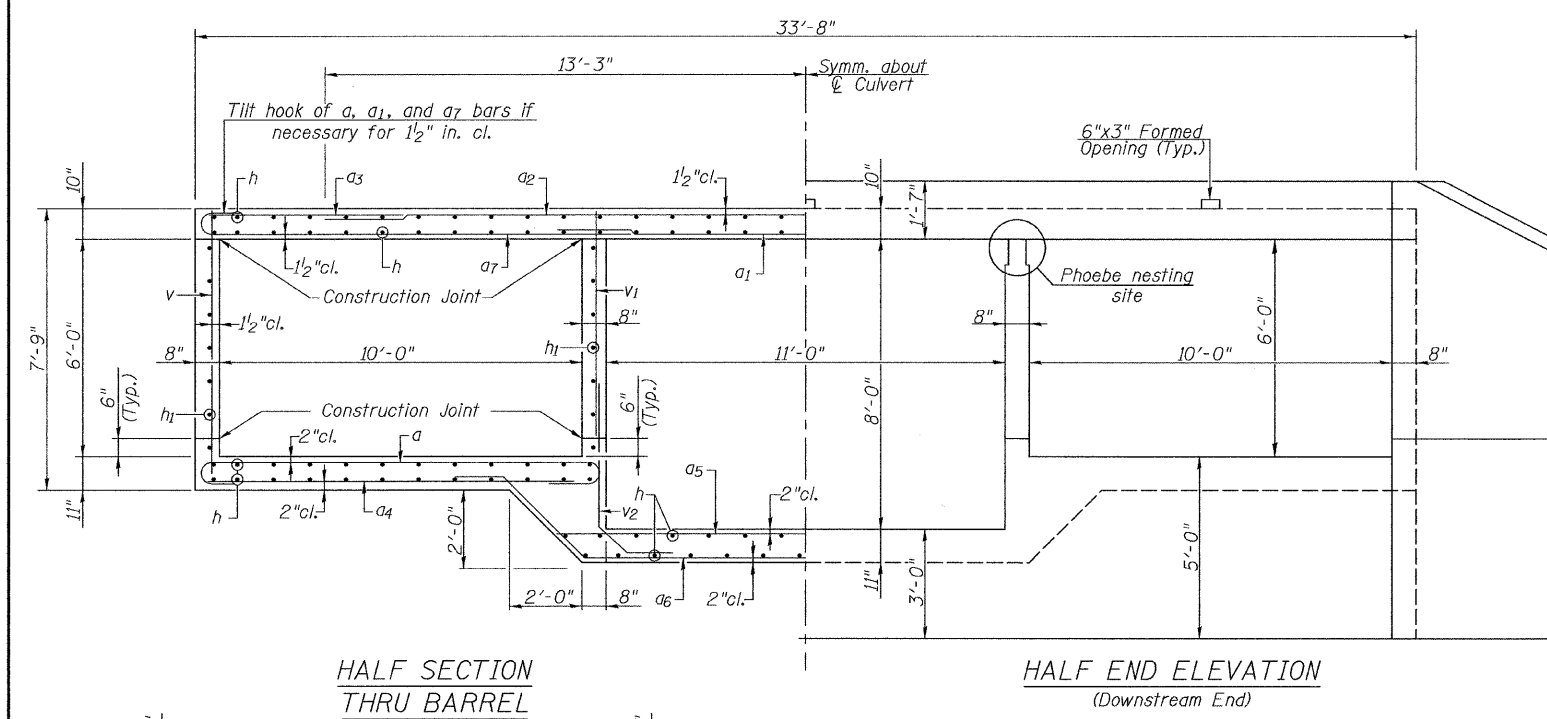
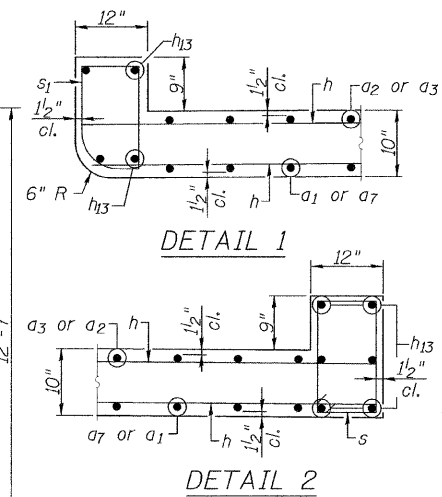
PLAN
(Bottom Slab)

BOTTOM SLAB REINFORCEMENT PLAN
STRUCTURE NO. 055-2009

 Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL. Design Firm No. 184-001907	SHEET NO. 3	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	7 SHEETS	*	ARGYLE LAKE STATE PARK	McDONOUGH	162	96	
		*	PARK ROADS	CONTRACT NO. 46158			
			FED. ROAD DIST. NO. _	ILLINOIS JOB NO. C-30-055-11			



NOTES
See Sheets 5 of 7 and 6 of 7 for wingwall reinforcement.



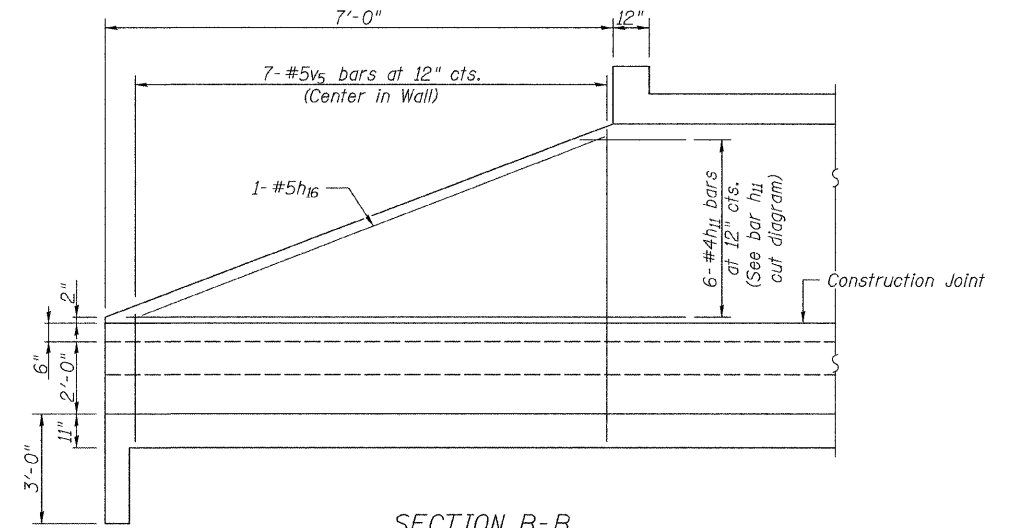
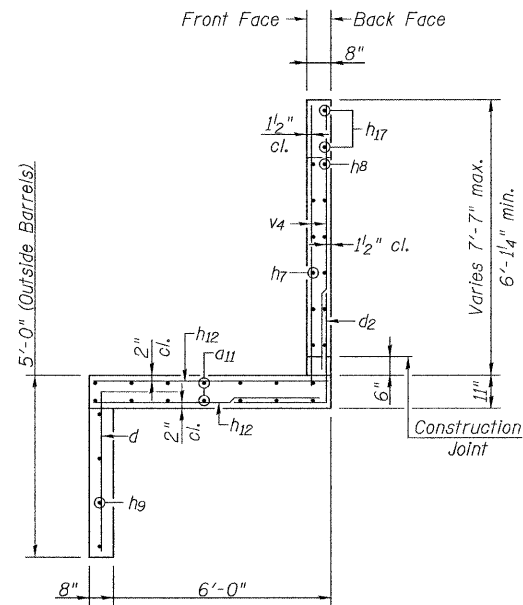
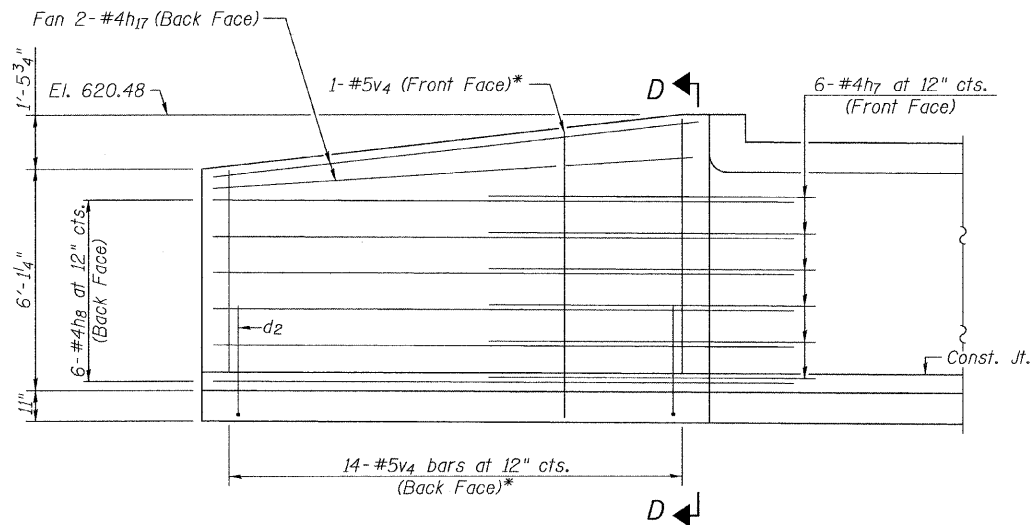
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	106	#7	12'-8"	U
a1	51	#7	24'-9"	U
a2	51	#7	26'-6"	U
a3	102	#5	6'-3"	—
a4	122	#5	11'-0"	—
a5	53	#7	13'-4"	—
a6	53	#7	22'-4"	—
a7	51	#7	13'-1"	U
a8	16	#5	11'-7"	—
a9	8	#5	13'-3"	—
a10	8	#5	22'-4"	—
a11	28	#5	13'-10"	—
d	70	#4	6'-7"	—
d1	22	#4	4'-7"	—
d2	28	#5	6'-0"	—
h	286	#5	22'-8"	—
h1	56	#6	22'-10"	—
h2	10	#6	14'-8"	—
h3	12	#6	15'-4"	—
h4	6	#6	9'-8"	—
h5	16	#6	9'-10"	—
h6	8	#4	9'-8"	—
h7	12	#4	17'-5"	—
h8	12	#4	17'-2"	—
h9	8	#4	15'-3"	—
h10	71	#5	9'-0"	—
h11	6	#4	10'-9"	—
h12	56	#5	6'-4"	—
h13	8	#7	33'-4"	—
h14	6	#6	33'-4"	—
h15	8	#6	11'-0"	—
h16	2	#4	8'-2"	—
h17	4	#4	13'-8"	—
s	34	#4	4'-11"	—
s1	33	#4	4'-10"	—
v	122	#4	7'-4"	—
v1	118	#4	6'-1"	—
v2	118	#4	7'-0"	—
vs	10	#4	12'-2"	—
v4	30	#5	6'-11"	—
vs	7	#5	11'-10"	—
Concrete Box Culverts			Cu. Yd.	171.2
Reinforcement Bars			Pound	31070

CULVERT DETAILS I
STRUCTURE NO. 055-2009

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL Design Firm
No. 184-001907

SHEET NO. 4	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	*	ARGYLE LAKE STATE PARK	McDONOUGH	162	97
		* PARK ROADS	CONTRACT NO. 46158		
		FED. ROAD DIST. NO.	ILLINOIS JOB NO. C-30-055-11		

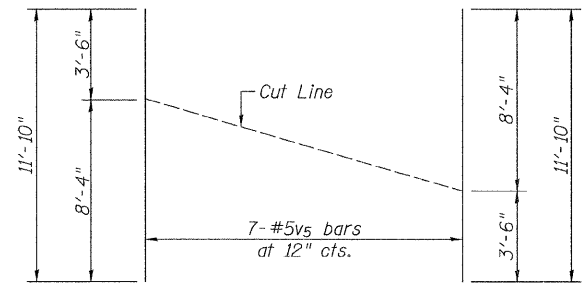


WINGWALL ELEVATION
(Floor Reinforcement Not Shown)

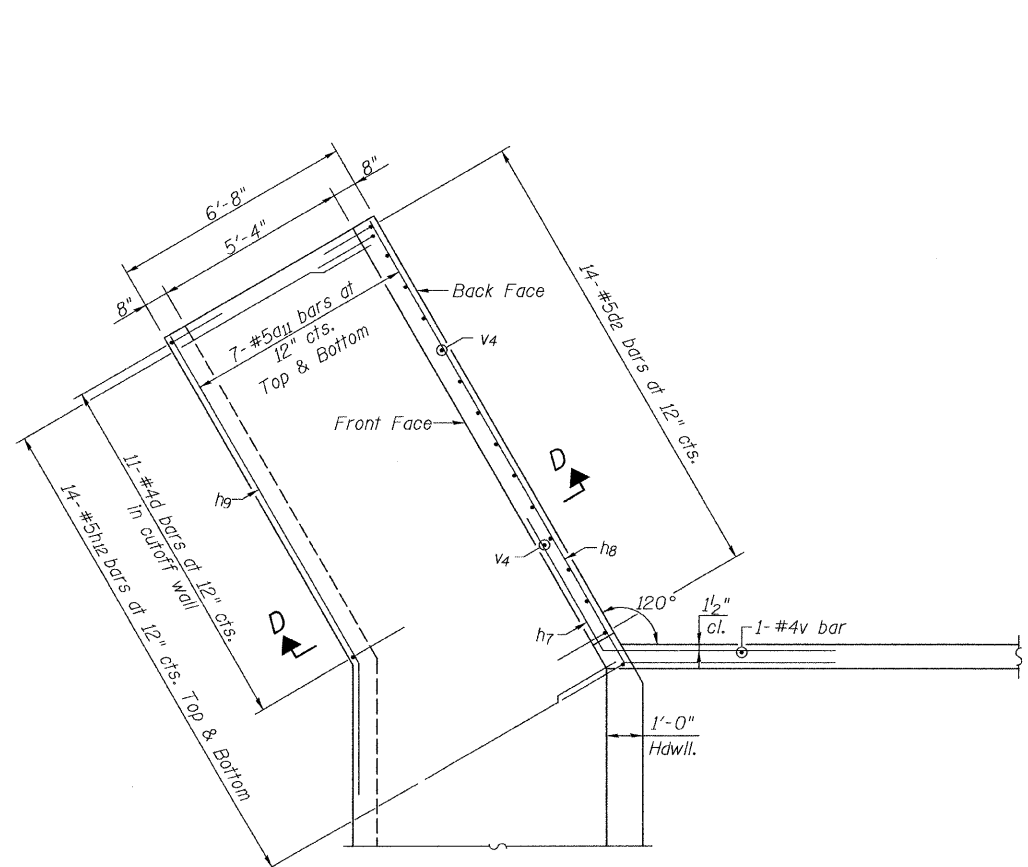
SECTION D-D

SECTION B-B
(Floor reinforcement not shown)

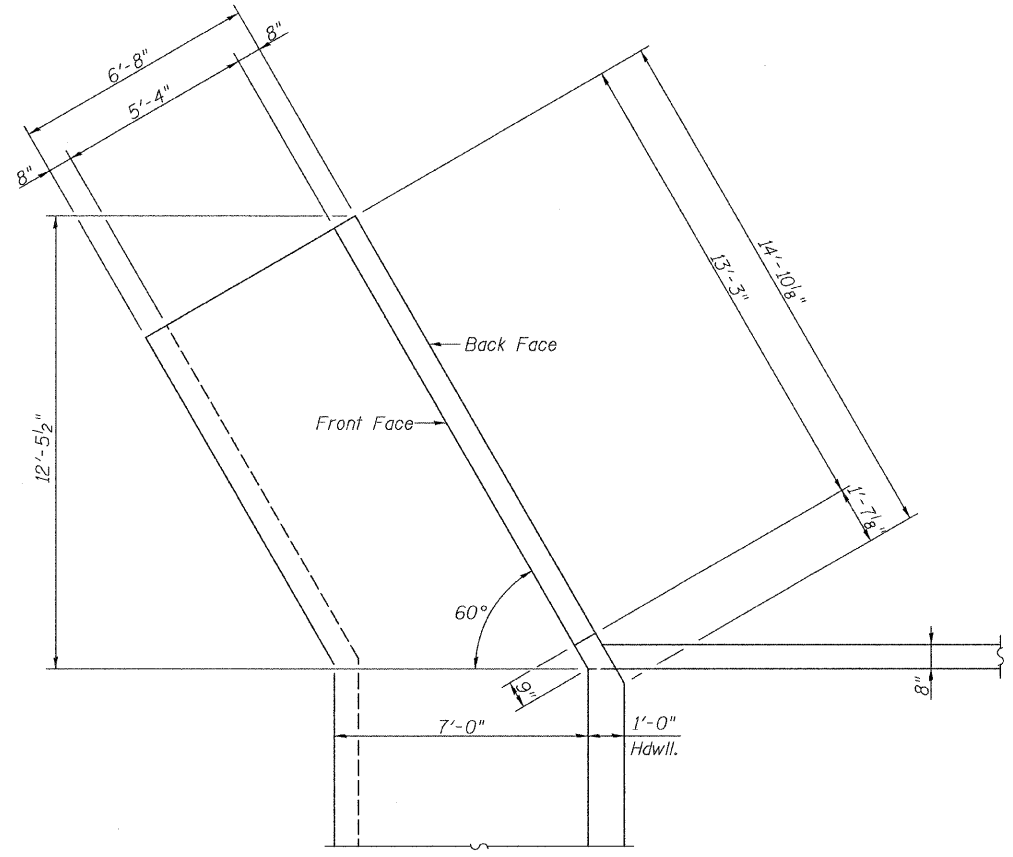
* Field cut as required



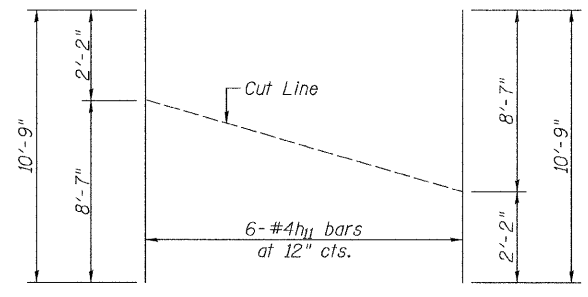
BAR v5 CUT DIAGRAM
Order v5 bars full length: Layout in field according to diagram. Cut v5 bars along cut line. Use remainder of each bar in opposite wall.



WINGWALL PLAN
(Upstream End)
(Showing Reinforcement)



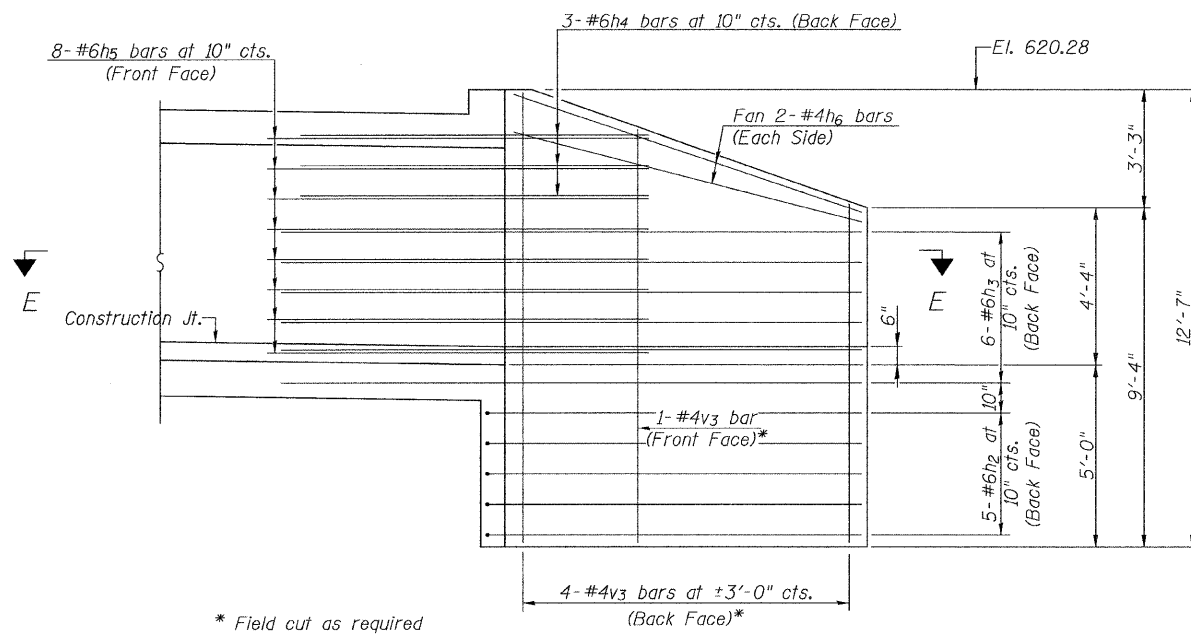
WINGWALL PLAN
(Upstream End)



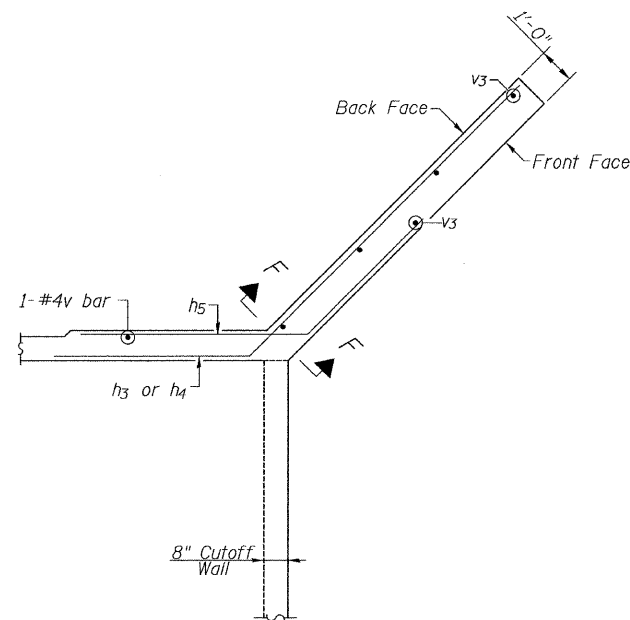
BAR h11 CUT DIAGRAM
Order h11 bars full length: Layout in field according to diagram. Cut h11 bars along cut line. Use remainder of each bar in opposite wall.

CULVERT DETAILS II
STRUCTURE NO. 055-2009

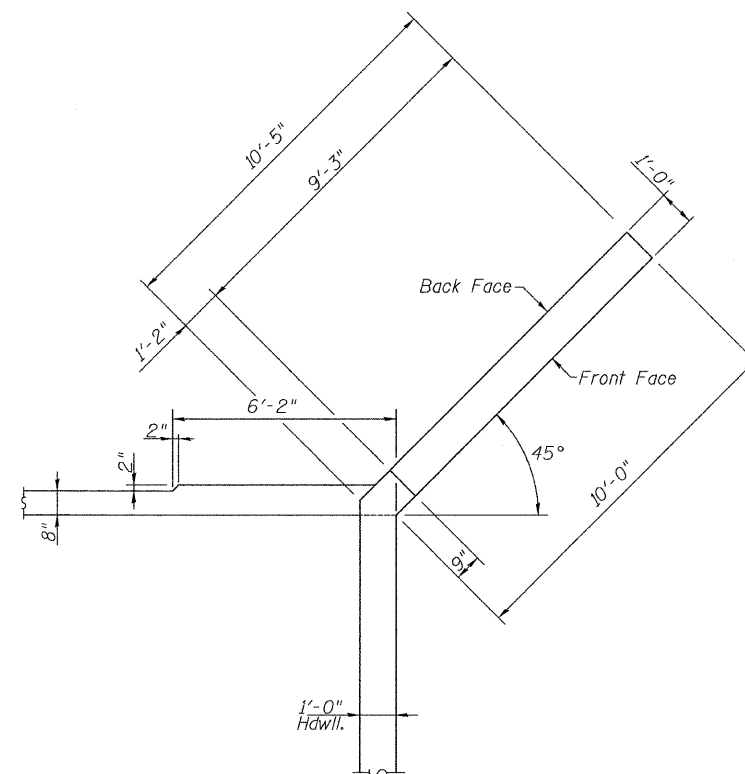
Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	SHEET NO. 5	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	7 SHEETS	*	ARGYLE LAKE STATE PARK	MCDONOUGH	162	98
		*	PARK ROADS	CONTRACT NO. 46158		
		FED. ROAD DIST. NO.	ILLINOIS	JOB NO. C-30-055-11		



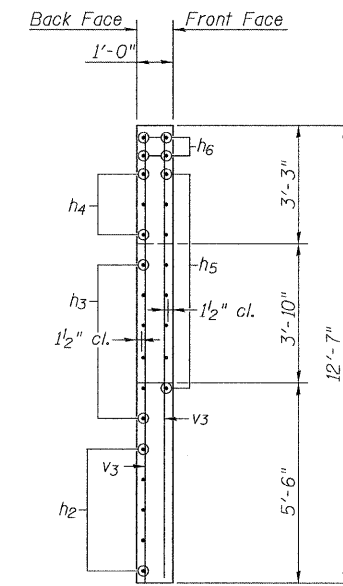
WINGWALL ELEVATION
(Downstream End)



SECTION E-E
(Downstream End)
(Showing Reinforcement)




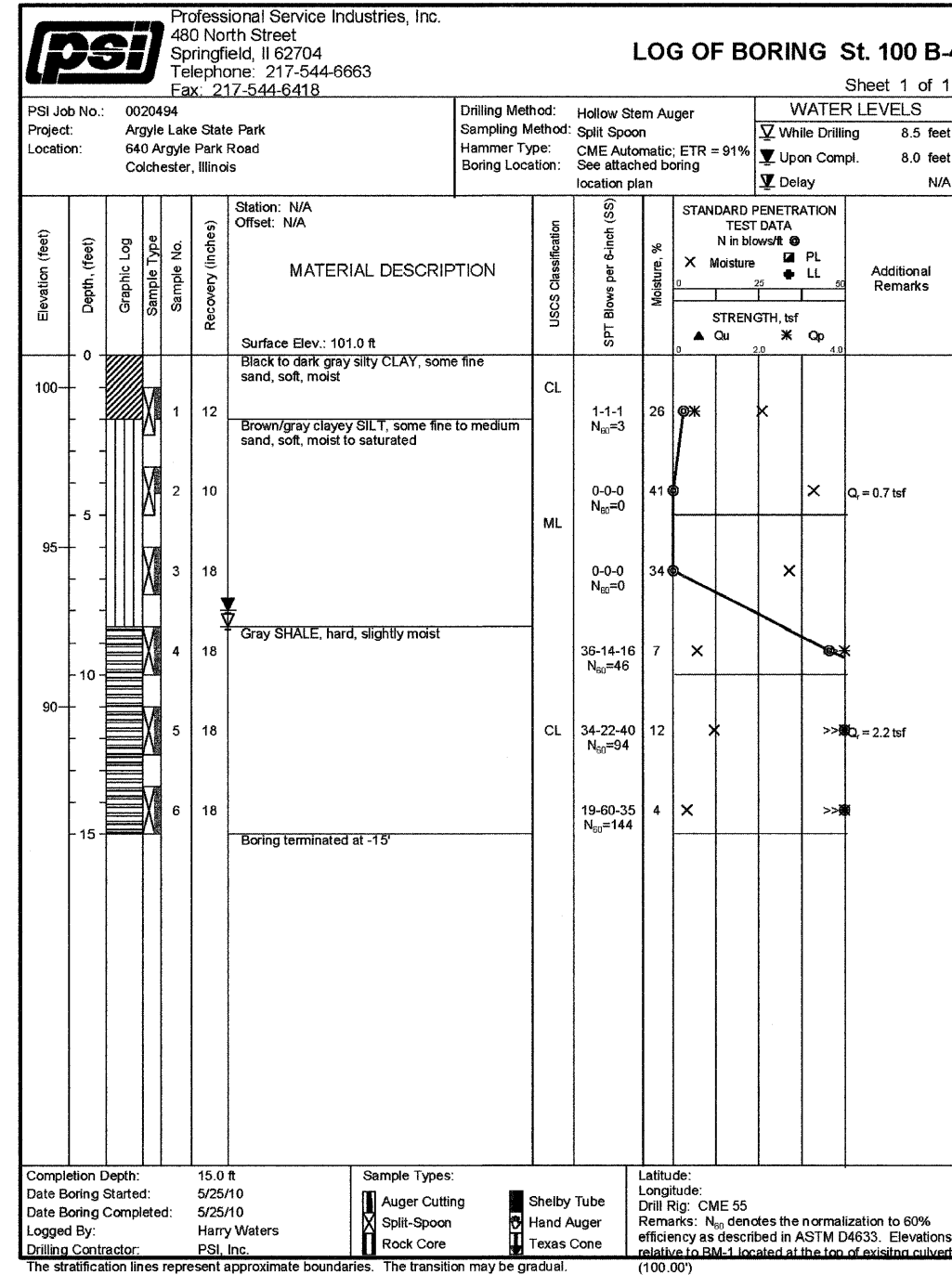
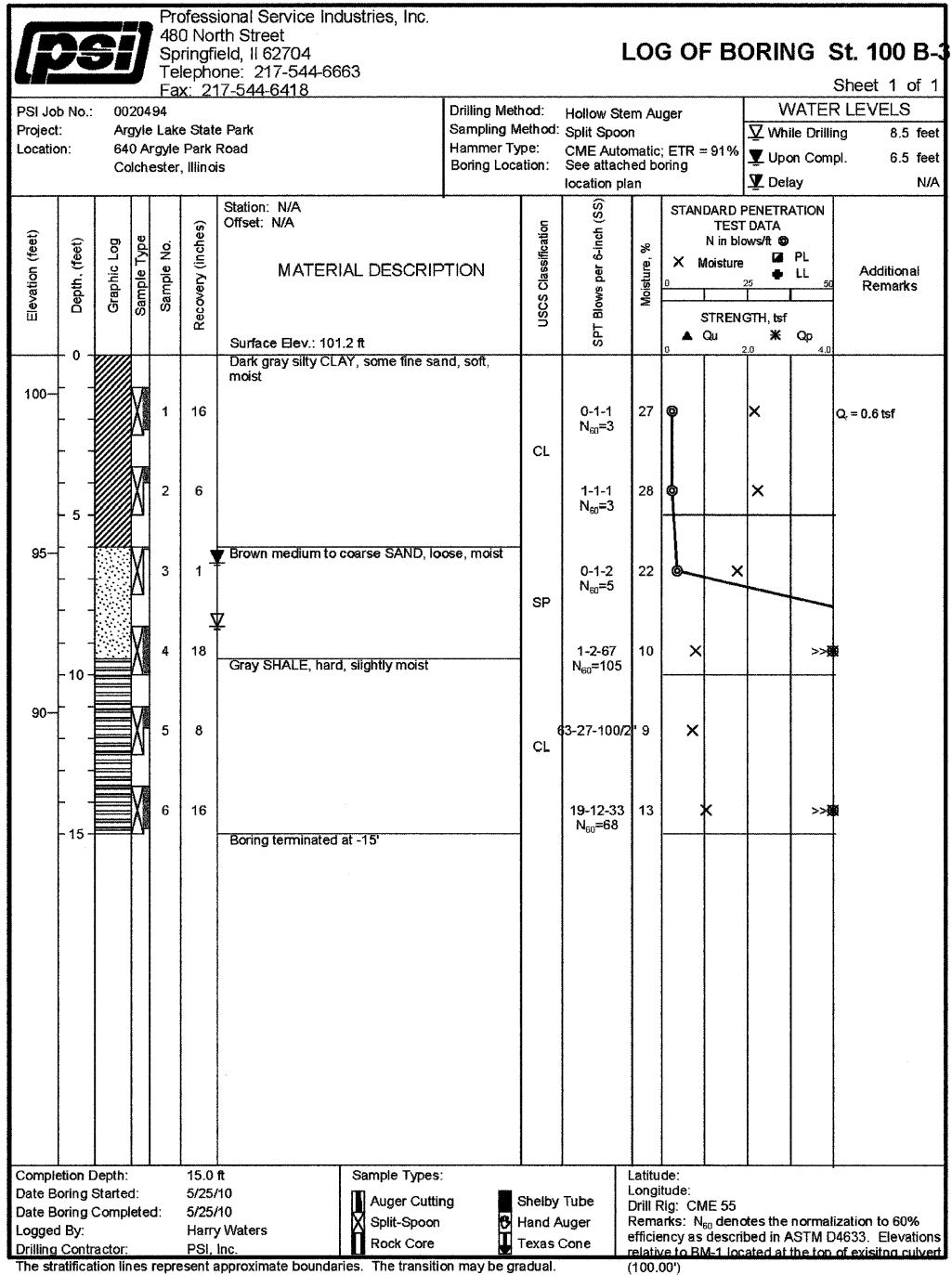
CORNER DETAIL
(Downstream End)



SECTION F-F

CULVERT DETAILS III
STRUCTURE NO. 055-2009

 Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL. Design Firm No. 184-001907	SHEET NO. 6	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	7 SHEETS	*	ARGYLE LAKE STATE PARK	McDONOUGH	162	99
		*	PARK ROADS	CONTRACT NO. 46158		
		FED. ROAD DIST. NO. _	ILLINOIS JOB NO. C-30-055-11			



BORINGS
STRUCTURE NO. 055-2009

Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL. Design Firm No. 184-001907	SHEET NO. 7	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	7 SHEETS	*	ARGYLE LAKE STATE PARK	McDONOUGH	162	100
		*	PARK ROADS	CONTRACT NO. 46158		
			FED. ROAD DIST. NO. _	ILLINOIS JOB NO. C-30-055-11		