

06-15-12 LETTING ITEM 193

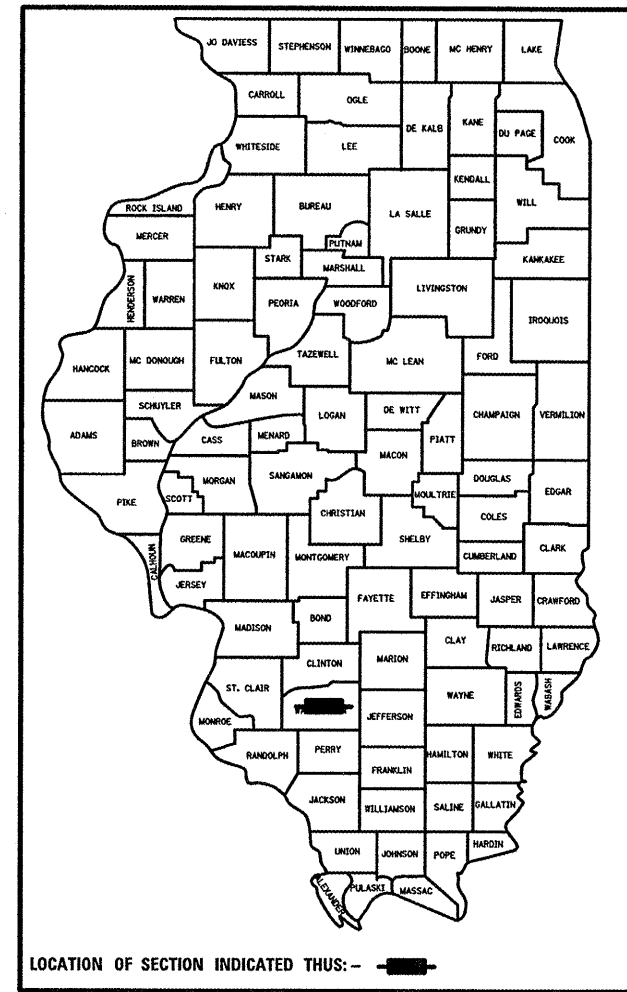
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

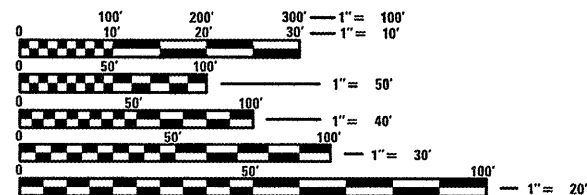
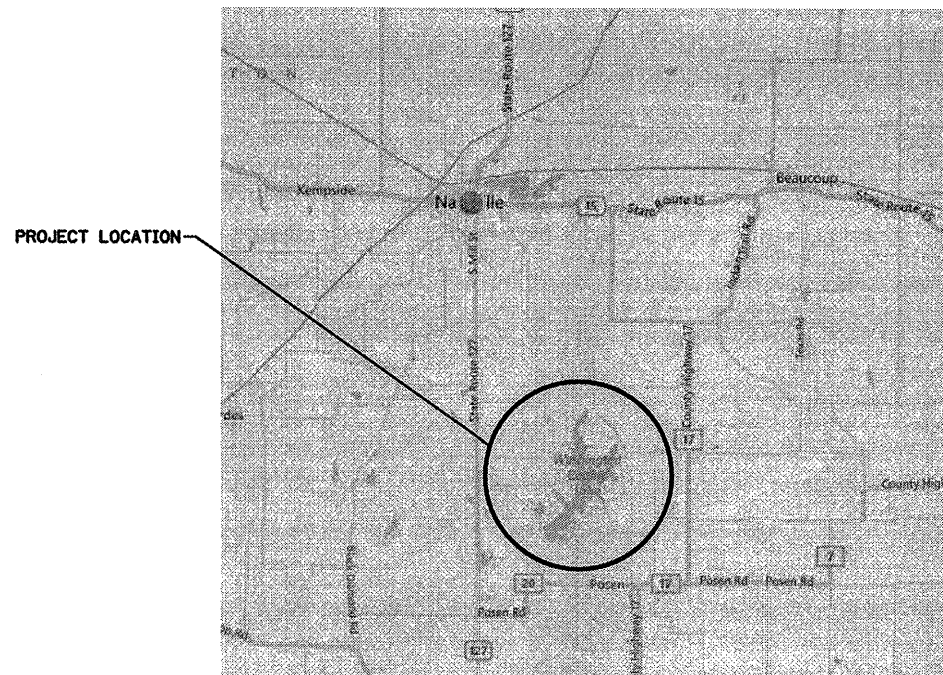
IDOT  
PARK ROADS  
WASHINGTON CO CONSERV  
WASHINGTON COUNTY  
C-30-047-12

D-8 F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	1
		ILLINOIS	CONTRACT NO. 46223	

FOR INDEX OF SHEETS, SEE SHEET NO. 2



AREA



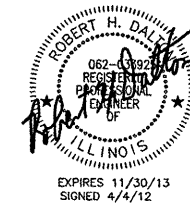
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 46223

GROSS LENGTH = 33,716.84 FT. = 6.39 MILES  
NET LENGTH = 33,716.84 FT. = 6.39 MILE



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED May 8 20 12  
William R. Frey, Jr.  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 20 12  
[Signature]  
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 12  
William R. Frey, Jr.  
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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

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64	PLAN SHEET: SIDE ROAD LAZY "L" STA 403+00 - 408+00
65	PLAN SHEET: SIDE ROAD LAZY "L" STA. 408+00 - 412+00 & BOAT RAMP STA. 505+50 - 511+00
66	PLAN SHEET: SIDE ROAD LAZY "L" STA. 412+00 - 417+85 & CIRCLE "C" STA 450+00 - 452+85
67	PLAN SHEET: SIDE ROAD CIRCLE "C" STA 452+50 - 454+50
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72	PLAN SHEET: SIDE ROAD SITE RESIDENCE STA. 600+25 - 603+59.47
73	PLAN SHEET: SIDE ROAD LITTLE BEAR STA. 702+00 - 707+97.99
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75-76	PLAN SHEET: SIDE ROAD PONDEROSA STA. 901+25 - 912+23.09
77	PLAN SHEET: SIDE ROAD LOOKOUT STA. 1200+00 - 1207+37
78	PLAN SHEET: SIDE ROAD POSEN STA. 1300+28 - 1304+22.09
79	PLAN SHEET: SIDE ROAD SAWMILL STA 1400+77 - 1406+07.12
80	PLAN SHEET: SIDE ROAD EAST LAKE ACCESS AREA STA. 1700+00 - 1702+80
81-82	DETAILS
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LIST OF STANDARDS	
280001-06	TEMPORARY EROSION CONTROL SYSTEM
542301-03	PRECAST CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
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
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE 8
604101-01	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-03	OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600mm) 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
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
780001-03	TYPICAL PAVEMENT MARKINGS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-5	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

### GENERAL NOTES

- ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY NAVD 1988
- 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.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. PRIOR TO ANY EXCAVATION TO HAVE ALL PUBLIC AND PRIVATE UTILITIES LOCATED.
- 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.
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 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.
- 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 WASHINGTON COUNTY WERE DETERMINED BASED UPON THE ACTUAL WIDTH OF THE EXISTING ROADWAY IN RELATION TO THE PROPOSED ROADWAY WIDTHS. THE PHYSICAL CENTERLINE OF THE PROPOSED WASHINGTON COUNTY 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.
- WE HAVE REVIEWED THE CROSS-SECTION SHEETS TO OBTAIN AN ESTIMATE OF BORROW MATERIAL QUANTITY THAT THE CONTRACTOR MAY NEED TO FURNISH. IF EMBANKMENT MATERIALS MEETING THE REQUIREMENTS OF SECTIONS 202 AND 204 OF THE STANDARD SPECIFICATIONS ARE AVAILABLE FROM THE MATERIALS EXCAVATED WITHIN THE PROJECT LIMITS, THEY SHALL BE PLACED PRIOR TO PLACING "FURNISHED EXCAVATION" MATERIALS.
- CONTRACTOR TO CONSTRUCT NEW PARKING LOTS THROUGHOUT THE PARK TO SLOPE TO DRAIN.

SUMMARY OF QUANTITIES			100% STATE
CODE NO.	PAY ITEM	UNITS	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	297
<del>2001378</del>	<del>CONSTRUCTION LAYOUT</del>	<del>L SUM</del>	<del>1</del>
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	882
20101000	TEMPORARY FENCE	FOOT	2733
<del>20200500</del>	<del>EARTH EXCAVATION (WIDENING)</del>	<del>CU YD</del>	<del>3623.7</del>
<del>20201000</del>	<del>GRADING AND SHAPING SHOULDERS</del>	<del>UNIT</del>	<del>653.69</del>
20300100	CHANNEL EXCAVATION	CU YD	204
20400800	FURNISHED EXCAVATION	CU YD	1200
20800150	TRENCH BACKFILL	CU YD	438.3
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	2600
21400100	GRADING AND SHAPING DITCHES	FOOT	22515
25000210	SEEDING, CLASS 2A	ACRE	13.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1206
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1206
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1206
25000700	AGRICULTURAL GROUND LIMESTONE	TON	26.8
25100115	MULCH, METHOD 2	ACRE	13.4
28000305	TEMPORARY DITCH CHECKS	FOOT	1602
28000400	PERIMETER EROSION BARRIER	FOOT	12561
28000500	INLET AND PIPE PROTECTION	EACH	54
28100103	STONE RIPRAP, CLASS A2	SQ YD	35
28100105	STONE RIPRAP, CLASS A3	SQ YD	575.5
28100107	STONE RIPRAP, CLASS A4	SQ YD	63
28100109	STONE RIPRAP, CLASS A5	SQ YD	532
28200200	FILTER FABRIC	SQ YD	1205.5
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	80
35101400	AGGREGATE BASE COURSE, TYPE B	TON	863.2
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	724
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8490
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	15848
40300500	COVER COAT AGGREGATE	TON	452.8
40300600	SEAL COAT AGGREGATE	TON	226.4
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2736.8
40600300	AGGREGATE (PRIME COAT)	TON	148
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	40
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	400
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	440

FILE NAME :	USER NAME * USER*	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE * \$SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE * \$DATE*	DATE - 5/8/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES

SCALE: NONE SHEET NO. 2 OF 112 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	2
CONTRACT NO. 46223				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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



SUMMARY OF QUANTITIES			0005
CODE NO.	PAY ITEM	UNITS	TOTAL QUANTITY
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SQ YD	80
42001300	PROTECTIVE COAT	SQ YD	446.2
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2838
42400800	DETECTABLE WARNINGS	SQ FT	190
44000100	PAVEMENT REMOVAL	SQ YD	24.1
44000600	SIDEWALK REMOVAL	SQ FT	614
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	41.5
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	256
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	239.8
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	464.6
50105220	PIPE CULVERT REMOVAL	FOOT	1665
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	326
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	250
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	128
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	136
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	54
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	122
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	86
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	156
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	72
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	30
542A5503	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	122
54213447	END SECTIONS 12"	EACH	27
54213450	END SECTIONS 15"	EACH	14
54213453	END SECTIONS 18"	EACH	10
54213459	END SECTIONS 24"	EACH	18
54213471	END SECTIONS 36"	EACH	2
54213483	END SECTIONS 48"	EACH	6
54214293	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	4
54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2
54214323	END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	6
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	220
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	76
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1

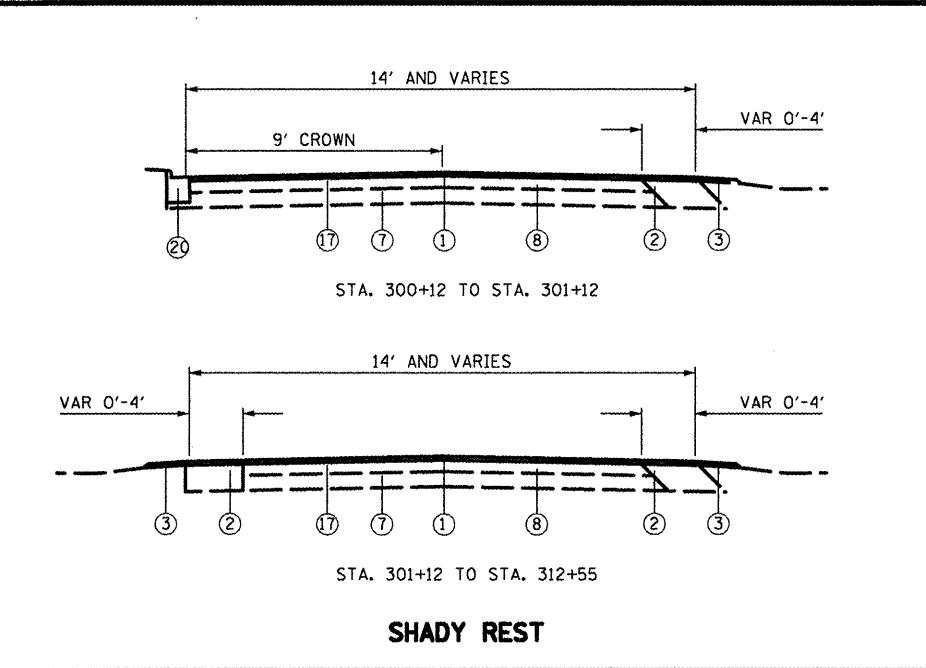
SUMMARY OF QUANTITIES			0005
CODE NO.	PAY ITEM	UNITS	TOTAL QUANTITY
60262700	INLETS TO BE RECONSTRUCTED	EACH	1
60262900	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60406510	FRAMES AND LIDS (SALVAGED)	EACH	2
60500060	REMOVING INLETS	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	261
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	22
63200310*	GUARD RAIL REMOVAL	FOOT	234
63400105*	GUARD POSTS	EACH	136
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	14
67100100	MOBILIZATION	L SUM	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1
72000100*	SIGN PANEL - TYPE 1	SQ FT	27.3
73000100*	WOOD SIGN SUPPORT	FOOT	104
78001100*	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	55
78001130*	PAINT PAVEMENT MARKING - LINE 6"	FOOT	8982
A2C00G03*	TREE, DIOSPYROS VIRGINIANA (PERSIMMON), CONTAINER GROWN, 3-GALLON	EACH	5
A2002716*	TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALLED AND BURLAPPED	EACH	10
A2006416*	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15
A2006516*	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
A2006716*	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
A2006816*	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
A2007150*	TREE, QUERCUS VELUTINA (BLACK OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15
A2016814*	TREE, QUERCUS SHUMARDII (SHUMARD RED OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3
X0300019*	REMOVE AND REINSTALL PARKING BLOCKS	EACH	221
X0322329*	TIMBER CURB REMOVAL	FOOT	62
X0323013*	TUBULAR STEEL GATE	EACH	1
X0323265	REMOVE EXISTING RIPRAP	SQ YD	191.3
X0323706*	TRASH RECEPACLE RELOCATION	EACH	4
X0327171*	SCARIFY EXISTING SURFACE	SQ YD	48057
X2010400*	STUMP REMOVAL ONLY	UNIT	12
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	1997.3
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	257

SUMMARY OF QUANTITIES			0005
CODE NO.	PAY ITEM	UNITS	TOTAL QUANTITY
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	55
X6022220*	MANHOLES, TYPE A, 4'-DIAMETER, WITH SALVAGED FRAME AND LID	EACH	1
X6024500	INLETS, TYPE B, WITH SALVAGED FRAME AND GRATE	EACH	1
X6340205*	GUARD POSTS REMOVAL	EACH	112
X7240600*	REMOVE AND RE-ERECT EXISTING SIGN	EACH	13
Z0004001	BOLLARDS	EACH	1

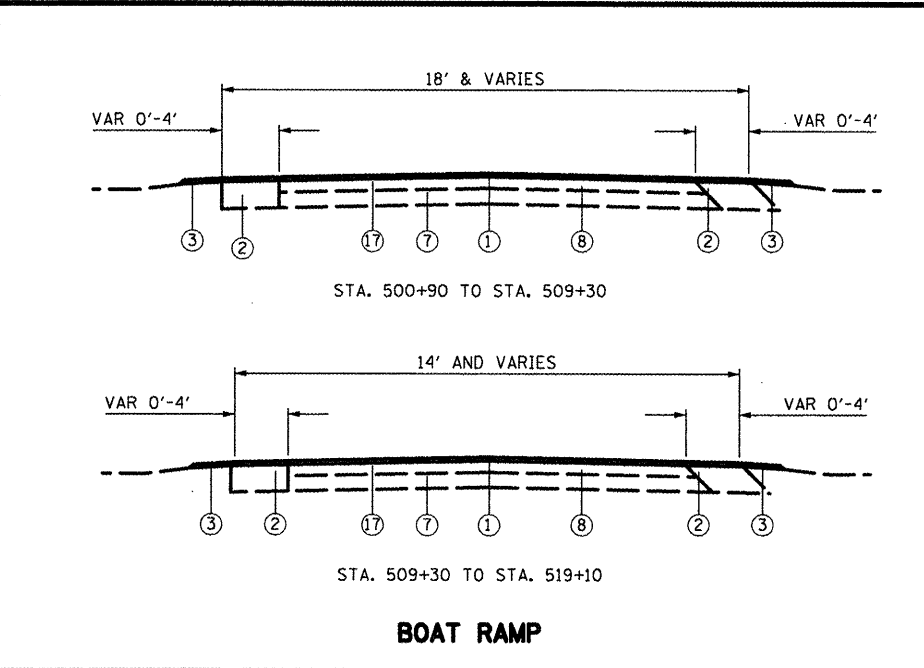
\*SPECIALTY ITEM

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	PLOT SCALE : #SCALE#	DRAWN - S.D.K.	REVISED -		SCALE:	SHEET NO. 3 OF 112 SHEETS	STA.	TO STA.	WASHINGTON	112	3	
	PLOT DATE : #DATE#	CHECKED - R.H.D.	REVISED -		CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT				
		DATE - 5/8/12	REVISED -									

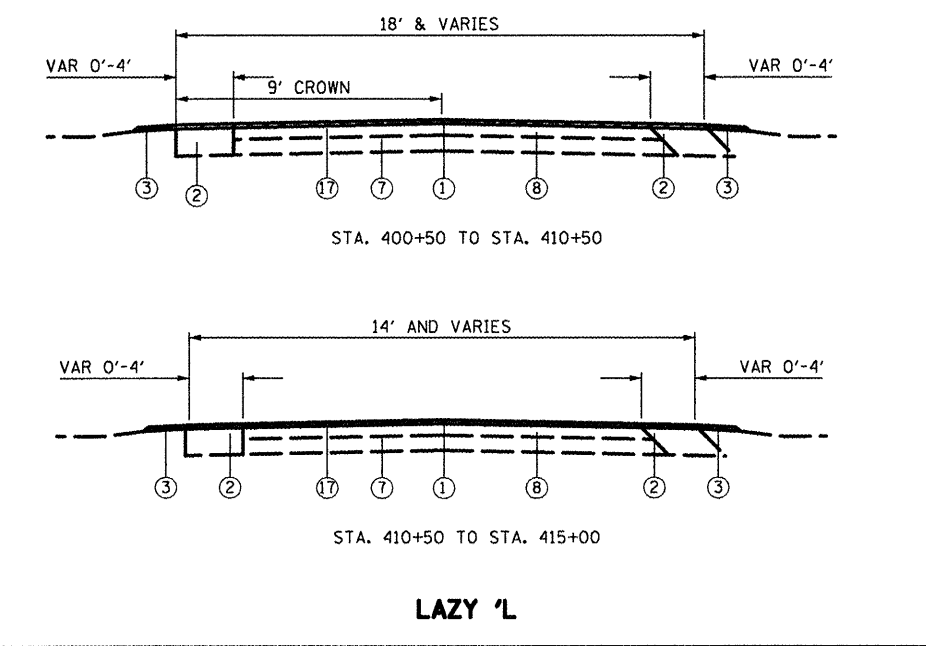
JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



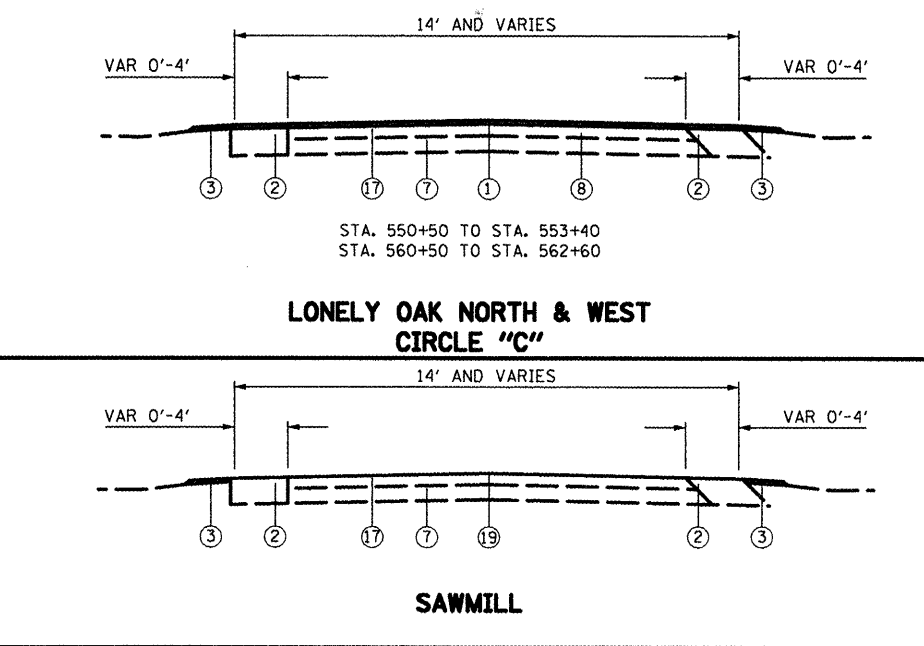
**SHADY REST**



**BOAT RAMP**

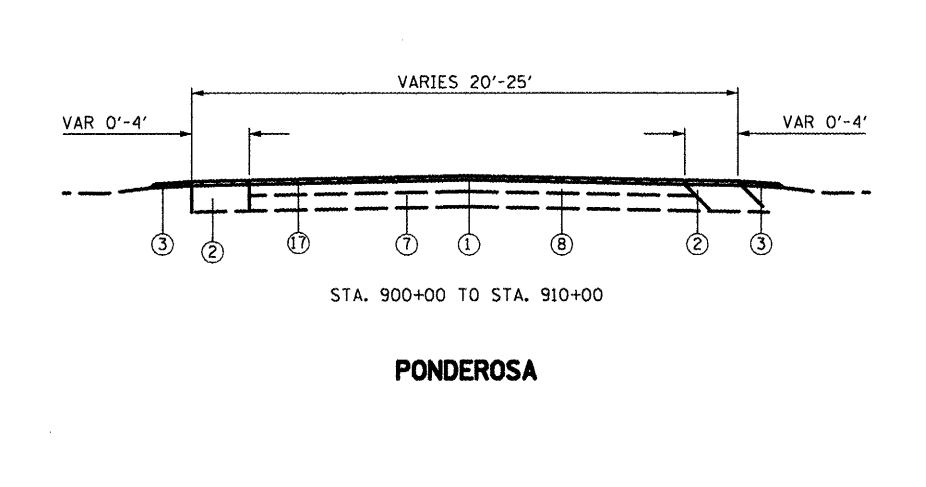


**LAZY 'L'**

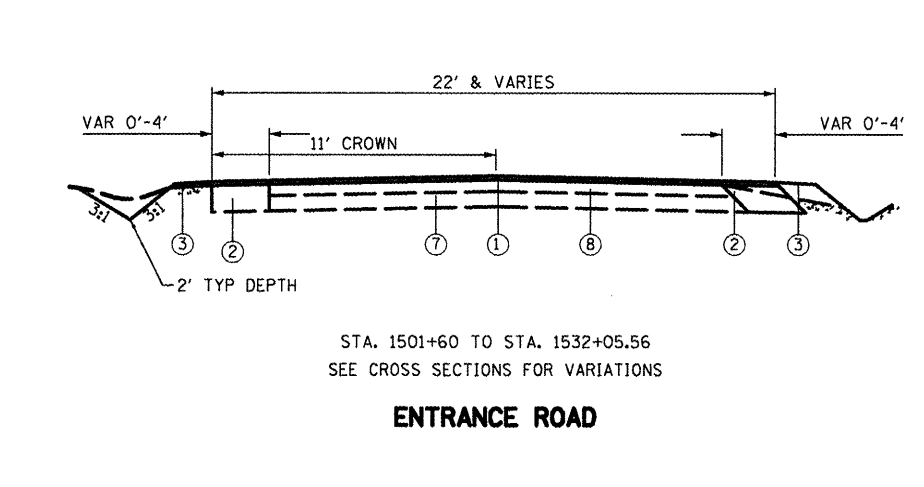


**LONELY OAK NORTH & WEST  
CIRCLE "C"**

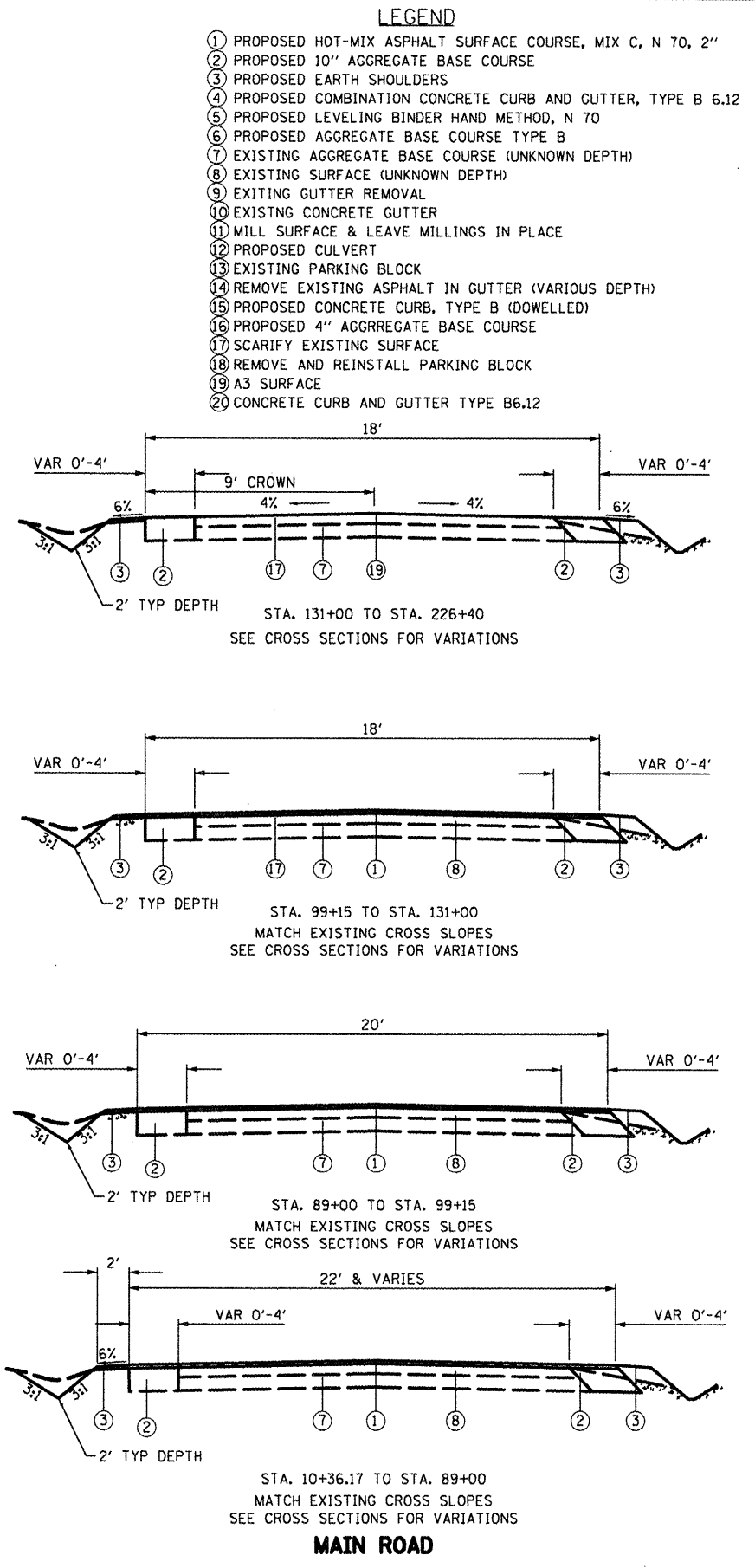
**SAWMILL**



**PONDEROSA**



**ENTRANCE ROAD**



**MAIN ROAD**

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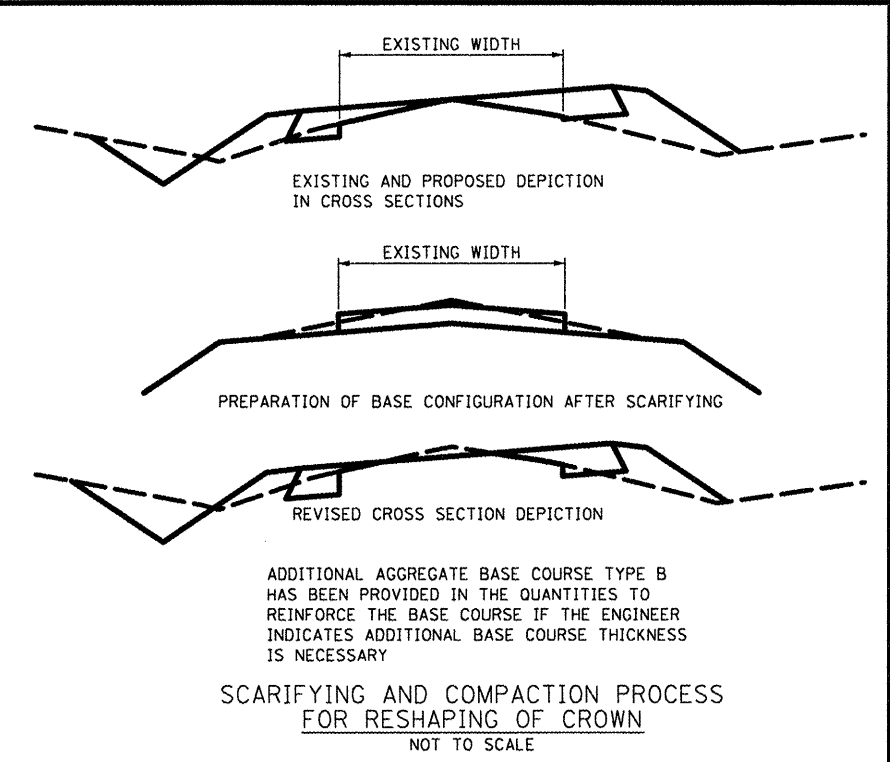
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARGYLE LAKE STATE PARK  
TYPICAL SECTIONS**

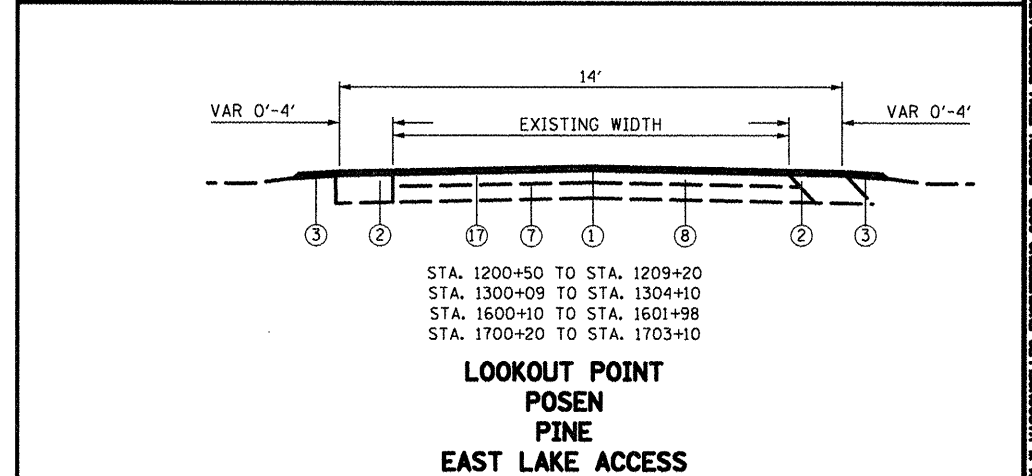
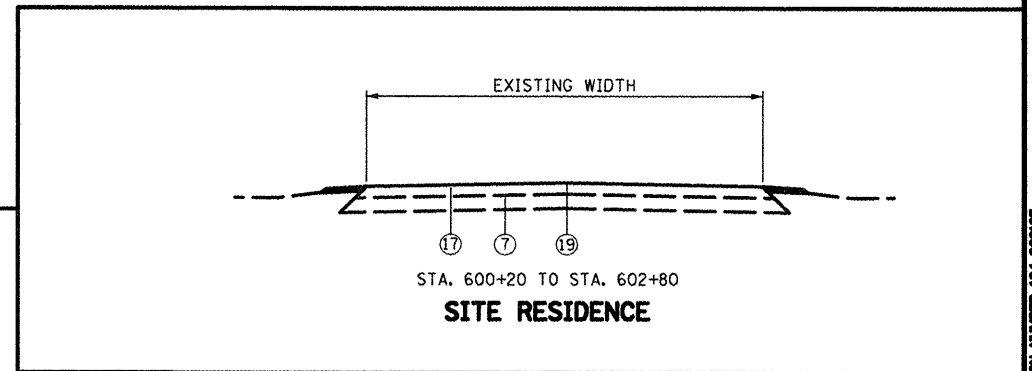
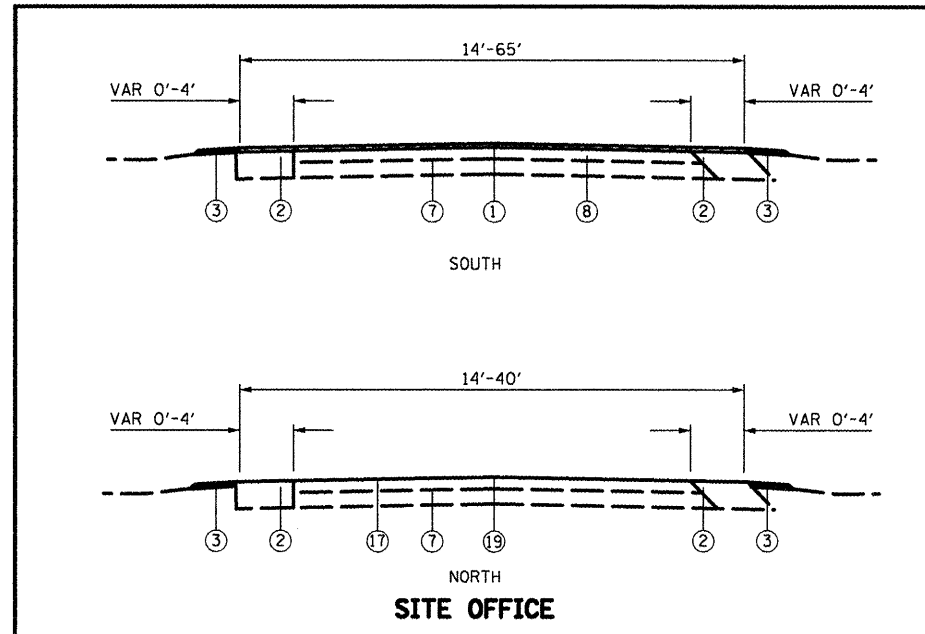
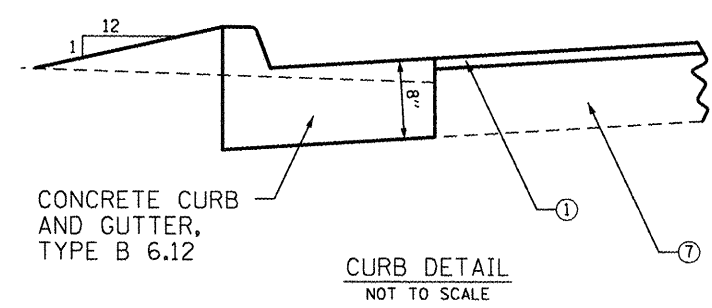
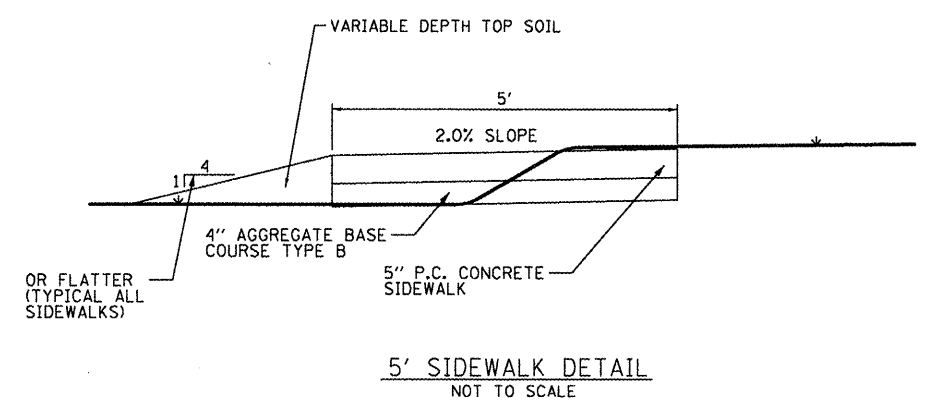
SCALE: VARIES SHEET NO. 4 OF 112 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	4
		CONTRACT NO. 46223		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

JOB NO. 250-003-W VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-0028107



- 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 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
  - ⑲ A3 SURFACE



FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.L.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.J.L.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
TYPICAL SECTIONS

SCALE: VARIES SHEET NO. 5 OF 112 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	5
CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT	

JOB NO. 250-061-W VASCONELES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



REMOVAL SCHEDULE

LOCATION	STATION	TO STATION	PAV'T. REMOVAL AREA SQ. YD.	PATCHING				TIMBER CURB REMOVAL FT.	HMA SURF REM SQ. YD.	HMA SURF REM BUTT JT SQ. YD.	REM REIN PARKING BLKS EACH	SIDEWALK REM SQ. FT.	SCARIFY EXIST. SURFACE SQ. YD.
				CL D T I	CL D T II	CL D T III	CL D T IV						
				CL D T I	CL D T II	CL D T III	CL D T IV						
MAIN ROAD													
LT & RT	10+43.35	11+75.72									10		
LT	10+86.9	10+99.56										60	
LT	10+89.27	10+94.62										36	
LT	11+34.98	11+40.04										20	
LT	11+40	11+60					20.0						
LT	11+59.85	11+75.74										78	
LT	11+59.92	11+64.93										21	
LT	12+37										1		
RT	12+99.37	13+14.25					26.5						
LT	13+11	13+27										18.2	
RT	13+11	13+27					19.3						
RT	13+27	13+37							18				
RT	14+07	14+17							18				
LT	15+15	15+26					10.0						
RT	15+15	15+26					13.4						
LT	20+38	20+47					8.6						
RT	20+38	20+47					12.3						
LT	25+36	25+45					8.1						
RT	25+36	25+45					11.2						
LT	31+02	31+19					17.4						
RT	31+02	31+19					17.9						
LT	33+58	33+70					11.4						
RT	33+58	33+70					11.9						
LT	38+20	38+49						29.2					
RT	38+20	38+49						27.6					
LT	39+46	39+81						41.7					
RT	39+46	39+81						34.1					
LT	40+21	40+33					13.9						
RT	40+21	40+33						29.9					
LT	52+04	52+11					7.9						
RT	52+04	52+11					7.3						
LT	54+33	54+56						21.8					
RT	54+33	54+56						21.8					
	60+20	60+44						50.7					
LT	72+72	72+89					13.6						
RT	72+72	72+89						16.8					
	99+15	100+00										276.7	
	99+85	101+46										804.0	
RT	101+46	107+00										276.7	
	102+12	102+24						25.5					
	107+00	112+69										815.0	
LT	108+44	108+69										18.0	
RT	108+44	108+69										18.0	
	112+69	119+63										997.4	
	112+93	113+16						30.6					
	114+38	114+47										23.9	
	119+63	125+41										860.2	
	121+98	122+12						19.5					
	125+41	130+59										650.3	
	130+59	137+42										925.0	
LT	131+76	131+84										5.7	
RT	131+76	131+84					4.5						
	137+42	143+46										823.6	
	141+92	142+03										12.9	
	143+46	150+25										939.0	
	145+31	145+39										10.5	
	150+25	156+41										804.5	
	150+91	150+98										9.0	
	156+41	163+00										965.5	
	163+00	169+31										872.4	
	164+64	164+72										9.9	
	168+60	168+73										15.9	
	169+31	175+75										869.2	
	174+61	174+94										27.8	
	175+75	182+12										881.0	
	182+12	188+15										859.9	
	188+15	193+73										801.6	
LT	192+78	193+10										20	
RT	192+78	193+10										25.4	
	193+73	199+63										858.9	
LT	194+54										1		
	198+96	199+09										15.3	
	199+63	205+38										801.0	
	205+38	211+16										772.9	
	205+77	206+03										34	
	211+16	217+00										777.5	
	216+11	216+35										13.6	
	217+00	221+50										572.6	
	220+43	220+68										13.1	

REMOVAL SCHEDULE

LOCATION	STATION	TO STATION	PAV'T. REMOVAL AREA SQ. YD.	PATCHING				TIMBER CURB REMOVAL FT.	HMA SURF REM SQ. YD.	HMA SURF REM BUTT JT SQ. YD.	REM REIN PARKING BLKS EACH	SIDEWALK REM SQ. FT.	SCARIFY EXIST. SURFACE SQ. YD.
				CL D T I	CL D T II	CL D T III	CL D T IV						
				CL D T I	CL D T II	CL D T III	CL D T IV						
ENTRANCE ROAD													
LT	1502+00	1502+20											
RT	1505+69	1505+79										10	
LT	1505+69	1505+79										10.3	
LT	1522+26	1522+34										8.9	
RT	1522+26	1522+34										8.9	
SIDE ROADS													
SHADY REST													
LT & RT	300+49	300+94.60										17	
LT	300+87.56	300+95.5										55	
LT	301+10.16	301+42										227	
LT	301+15.44	301+25.62										24	
RT	301+41.16	301+52.06										8.1	
LT	301+50.86	301+73										42	
LT	301+60	301+72										16.0	
LT & RT	352+05.39	353+32.19										27	
LAZY "L"													
	400+50	403+00										500.0	
	403+00	408+00										921.3	
	408+00	409+50										266.9	
	409+50	411+00										295.2	
	411+00	412+00										200.0	
	412+00	414+25										450.0	
	414+25	415+00										143.6	
CIRCLE "C"													
	450+31	452+84										1228.9	
	450+33	451+15										7	
	452+84	454+42										727.4	
LT & RT	453+50.21	454+38.19										6	
BOAT RAMP 1													
	500+33	503+15										1539.1	
LT	500+86	500+91										5	
	503+15	505+50										351.7	
	505+50	508+00										410.2	
	508+00	509+75.8										595.3	
	509+75.8	511+00										240.8	
	510+27	510+36										13.6	
	511+00	515+00										790.9	
	515+00	516+50										300.0	
	516+50	519+15.58										790.3	
LONELY OAK WEST													
	550+09	553+41.08										570.6	
LONELY OAK NORTH													
	560+36	560+72.35										111.8	
	560+72.35	562+00										132.0	
	562+00	562+61.74										150.8	
SITE RESIDENT													
	600+11	600+25										32.9	
	600+25	602+78.86										372.9	
LITTLE BEAR													
	700+11	700+35										54.1	
	700+35	702+00										201.9	
	702+00	704+13										226.1	
	704+13	706+55										775.4	
LITTLE BEAR NORTH													
	750+40	751+29										203.0	
SITE OFFICE													
LT	800+25	803+75										1802.7	
LT & RT	801+11	801+22										8	
	802+27.89	803+27.61										197	
LT	803+75	804+07										37.8	

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 184-002610

FILE NAME =  
\*FILEL#

USER NAME = \*USER#  
PLOT SCALE = \*SCALE#  
PLOT DATE = \*DATE#

DESIGNED - R.H.D.  
DRAWN - S.D.J.  
CHECKED - R.H.D.  
DATE - 4/4/12

REVISOR -  
REVISION -  
REVISOR -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
SCHEDULE OF QUANTITIES

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

CAL. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
WASHINGTON 112 6  
CONTRACT NO. 46223  
ILLINOIS PD. AND PROJECT

**REMOVAL SCHEDULE**

LOCATION	STATION	TO STATION	PAV'T. REMOVAL AREA SQ. YD.	PATCHING				TIMBER CURB REMOVAL FT.	HMA SURF REM VAR SQ. YD.	HMA SURF REM BUTT JT SQ. YD.	REM REIN PARKING BLKS EACH	SIDEWALK REM SQ. FT.	SCARIFY EXIST. SURFACE SQ. YD.
				CL D T I SQ. YD.	CL D T II SQ. YD.	CL D T III SQ. YD.	CL D T IV SQ. YD.						
PONDEROSA	900+11	900+66										250.2	
	900+66	901+25										125.7	
	901+25	906+45										1107.6	
LT	904+37	906+31										1178.6	
LT	905+24.54	906+34.86									14		
LT	906+31	906+35		8.5									
RT	906+31	906+35		8.5									
	906+45	910+95.05										6054.9	
RT	906+64	907+06					38.0						
RT	907+06	908+17									60		
LT	907+58	907+62									3		
RT	907+93											12	
LT	908+66	908+76		10									
RT	908+66	908+76		10									
LT	909+60	909+65									10		
RT	909+71	910+53									10		
RT	910+70											14	
LAKE VIEW													
	1000+51	1000+95										14	
LT	1000+95.11	1000+99										16	
FISHING PIER													
LT & RT	1100+00	1102+00										28	
	1100+10	1100+25										57.3	
	1100+25	1100+99										198.7	
	1100+99	1101+80										599.5	
RT	1101+98	1102+12.45										75	
LOOKOUT POINT													
	1200+60	1203+55										880.9	
	1203+55	1207+37										601.4	
	1207+37	1208+66										203.1	
	1208+66	1209+31										102.9	
POSEN													
	1300+09	1300+28										47.2	
	1300+28	1300+44										45.9	
	1300+44	1302+62										343.2	
	1302+62	1304+13										467.0	
SAWMILL													
	1400+11	1400+37										59.8	
	1400+16	1400+24				19.6							
	1400+37	1400+77										40.4	
	1400+77	1405+26										328.2	
	1405+26	1405+90.04										141.5	
PINE PICNIC AREA													
	1600+11	1601+98										378.5	
EAST LAKE ACCESS													
	1700+20	1701+31										3193.8	
	1701+31	1702+80										234.6	
	1702+80	1702+90										15.7	
	1702+90	1703+15										48.3	
	<b>TOTAL</b>		<b>24.1</b>	<b>41.5</b>	<b>256.0</b>	<b>239.8</b>	<b>464.6</b>	<b>62.0</b>	<b>257.0</b>	<b>440.0</b>	<b>221.0</b>	<b>614.0</b>	<b>48057.0</b>

**PAVING SCHEDULE**

LOCATION	STATION	TO STATION	PAV'T. AREA SQ. YD.	(ASPHALT SURFACE) BIT MATLS PR CT GAL.	AGG PR CT TON	HMA SC "C" N/0 TON	AGG AREA SQ. YD.	AGG. BASE CSE B TON	(A3 SURFACE) BIT MATLS PR CT GAL.	(A3 SURFACE) COVER AND SEAL COAT GAL.	COVER COAT TON	SEAL COAT TON	6 IN. PCC PVT AREA SQ. YD.	SUB GRAN MAT B 4 IN. AREA SQ. YD.	AGG. SURF CSE B TON
	13+00	15+00	492.7	184.8	1.0	55.2	28.2	16.1							
RT	DUMP STATION ACCESS	15+00	21+00	1478.0	554.3	3.0	165.5	184.3	105.0						
	21+00	26+00	1231.7	461.9	2.5	137.9	128.2	73.0							
	26+00	27+00	246.3	92.4	0.5	27.6	33.3	19.0							
	27+00	28+12	354.4	132.9	0.7	39.7									
	28+12	30+00	463.1	173.7	0.9	51.9	66.6	38.0							
	30+00	35+43	1337.6	501.6	2.7	149.8	224.6	127.9							
	35+43	40+72	1303.1	488.7	2.6	145.9	205.7	117.1							
	40+72	45+90	1276.0	478.5	2.6	142.9	200.4	114.1							
	45+90	50+90	1231.7	461.9	2.5	137.9	208.5	118.7							
	50+90	56+76	1443.5	541.3	2.9	161.7	227.3	129.5							
	56+76	61+19	1091.3	409.2	2.2	122.2	156.2	89.0							
	61+19	66+86	1396.7	523.8	2.8	156.4	178.6	101.7							
	66+86	71+59	1165.2	436.9	2.3	130.5	241.8	137.7							
	71+59	77+00	1332.7	499.7	2.7	149.3	313.7	178.7							
	77+00	82+40	1330.2	498.8	2.7	149.0	283.4	161.4							
	82+40	89+00	1625.8	609.7	3.3	182.1	405.1	230.7							
RT	84+36	85+31	440.8	165.3	0.9	49.4									
	89+00	89+27	64.9	24.3	0.1	7.3	2.0	1.2							
	89+27	89+50	52.7	19.8	0.1	5.9	1.8	1.0							
	89+50	94+90	1210.2	453.8	2.4	135.5	251.9	143.5							
	94+90	98+50	806.8	302.6	1.6	90.4	132.0	75.2							
	98+50	100+00	319.5	119.8	0.6	35.8	33.4	19.0							
	100+00	101+46	294.8	110.5	0.6	33.0	71.9	41.0							
	101+46	107+00	1118.5	419.4	2.2	125.3	324.9	185.0							
	107+00	112+69	1148.7	430.8	2.3	128.7	344.2	196.0							
	112+69	119+63	1401.1	525.4	2.8	156.9	416.8	237.3							
	119+63	125+41	1166.9	437.6	2.3	130.7	317.7	180.9							
	125+41	130+59	1045.8	392.2	2.1	117.1	403.9	230.0							
	130+59	131+00	82.8	31.0	0.2	9.3	24.3	13.9							
	131+00	137+42	1284.0			418.2	238.1	481.5	898.8	25.7	12.8				
	137+42	143+46	1208.0			384.4	218.9	453.0	845.6	24.2	12.1				
	143+46	150+25	1358.0			419.0	238.6	509.3	950.6	27.2	13.6				
	150+25	156+41	1232.0			427.5	243.4	462.0	862.4	24.6	12.3				
	156+41	163+00	1318.0			352.5	200.8	494.3	922.6	26.4	13.2				
	163+00	169+31	1262.0			389.6	221.9	473.3	883.4	25.2	12.6				
	169+31	175+75	1288.0			418.8	238.5	483.0	901.6	25.8	12.9				
	175+75	182+12	1274.0			393.0	223.8	477.8	891.8	25.5	12.7				
	182+12	188+15	1206.0			346.1	197.1	452.3	844.2	24.1	12.1				
	188+15	193+73	1116.0			314.4	179.0	418.5	781.2	22.3	11.2				
	193+73	199+63	1180.0			321.1	182.9	442.5	826.0	23.6	11.8				
LT	194+52	195+05	228.4			51.0	23.2	85.6	159.9	4.6	2.3				
	199+63	205+38	1150.0			349.0	198.7	431.3	805.0	23.0	11.5				
	205+38	211+16	1156.0			383.1	218.2	433.5	809.2	23.1	11.6				
	211+16	217+00	1168.0			390.5	222.4	438.0	817.6	23.4	11.7				
	217+00	221+50	900.0			327.4	186.4	337.5	630.0	18.0	9.0				
	221+50	226+00	900.0			271.5	154.6	337.5	630	18	9				
	226+00	226+40	71.1			13.3	7.6	26.7	48.8	1.4	0.7				
ENTRANCE ROAD															
	1502+00	1502+20	47.0	17.6	0.1	5.3	3.1	1.7							
	1502+20	1505+00	689												





DRAINAGE REMOVAL SCHEDULE							
STATION(S)	PIPE	PIPE	GRADE & SHAP	SALVAGE	REM	REMOVE	EXIST
	CULVERT	CULVERT					
	REMOV	(SPECIAL)	IN. DIA.	EACH	EACH	SQ YD	
LT 12+80 - 14+15							
13+22	102		24				
LT 13+85 - 15+00							
RT 14+50 - 15+00							
15+21	34		24				
RT 15+00 - 15+15							
RT 15+30 - 17+40							
LT 15+35 - 17+50							
RT 18+00 - 20+00							
20+42	39		18				
LT 20+90 - 21+00							
LT 21+00 - 24+90							
RT 21+10 - 24+90							
25+41	35		15				
31+10	32		24				
RT 31+60 - 32+25							
33+64	33		15				
LT 34+50 - 35+43							
RT 34+50 - 35+43							
RT 35+43 - 35+68							
RT 35+80	14		12				
RT 36+40 - 37+40							
RT 36+43							85
RT 38+55 - 39+20							
39+64	60		15				
LT 40+00							46.5
40+28	49		12				
LT 40+60 - 40+72							
RT 40+60 - 40+72							
LT 40+72 - 44+40							
RT 40+72 - 44+35							
LT 46+10 - 49+25							
RT 46+10 - 50+90							
LT 50+00 - 50+90							
LT 50+90 - 52+00							
RT 50+90 - 52+00							
52+07	31		15				
RT 53+00 - 54+35							
LT 54+55 - 56+70							
54+43	31		15				
RT 54+80	18		12				
RT 55+00 - 55+39							
RT 55+83 - 56+76							
RT 56+76 - 58+60							
60+33	72		24				
RT 64+00 - 66+86							
RT 66+86 - 71+59							
LT 71+59 - 72+50							
RT 71+59 - 72+50							
72+80	32		15				
RT 73+00 - 74+75							
LT 73+60 - 77+00							
LT 78+90 - 80+00							
LT 84+50 - 87+50							
RT 85+50 - 87+50							
LT 100+00 - 101+46							
RT 100+00 - 101+46							
LT 101+46 - 101+60							
RT 101+46 - 102+20							
102+19	37		12				
108+56	54		12				
113+04	41		24				
114+38	40		24				
LT 116+00 - 119+63							
RT 116+00 - 117+25							
LT 119+63 - 120+00							
LT 123+10 - 125+41							
122+05	65		48				
LT 122+80 - 123+03							
LT 125+41 - 125+60							
RT 125+41 - 130+20							
131+80	40		12				
RT 132+75 - 137+00							
LT 138+00 - 141+00							
RT 138+00 - 141+80							
141+97	40		18				
RT 142+35 - 143+46							
LT 142+50 - 143+46							
LT 143+46 - 144+75							
RT 143+46 - 145+20							
145+35	40		24				

DRAINAGE REMOVAL SCHEDULE							
STATION(S)	PIPE	PIPE	GRADE & SHAP	SALVAGE	REM	REMOVE	EXIST
	CULVERT	CULVERT					
	REMOV	(SPECIAL)	IN. DIA.	EACH	EACH	SQ YD	
LT 145+80 - 147+80							
RT 146+00 - 150+25							
LT 148+30 - 150+25							
LT 150+25 - 150+70							
RT 150+25 - 150+70							
150+95							
RT 151+30 - 156+41							
LT 153+00 - 156+41							
LT 156+41 - 163+00							
RT 156+41 - 162+00							
LT 163+00 - 164+65							
164+68							
RT 164+90 - 168+00							
LT 165+00 - 168+40							
168+66							
RT 169+20 - 169+31							
RT 169+31 - 173+80							
LT 169+35 - 174+65							
174+74	61		42				
174+79	61		42				
174+84	61		42				
LT 176+50 - 182+12							
RT 176+50 - 182+12							
LT 182+12 - 186+00							
RT 182+12 - 185+00							
LT 186+00 - 188+15							
LT 188+15 - 190+00							
LT 191+00 - 193+73							
192+93	40		12				
RT 193+00 - 193+73							
LT 193+73 - 194+80							
RT 193+73 - 195+00							
194+91	20		12				
LT 195+02 - 199+05							
RT 197+00 - 198+00							
RT 199+00 - 199+63							
199+03	41		24				
LT 199+15 - 199+63							
LT 199+63 - 201+50							
RT 199+63 - 205+00							
LT 203+00 - 205+00							
205+73							
205+84	40		36				7
LT 206+20 - 211+16							
RT 208+15 - 211+16							
LT 211+16 - 215+80							
RT 211+16 - 214+00							
216+23	40		24				
LT 216+35 - 217+00							
LT 217+00 - 219+00							
RT 217+00 - 220+00							
220+56	37		18				
LT 221+20 - 221+50							
LT 221+50 - 222+24							
RT 221+50 - 226+15							
LT 222+62 - 226+15							
ENTRANCE ROAD							
1505+74	40		30				
LT 1514+90							
1522+30	30		18				
LT 1523+20							
LT 1523+34 - 1523+82							
LT 1524+00	36		12				
LT 1527+00 - 1531+00							
RT 1531+35.35							
LT 1531+00 - 1532+00							
BOAT RAMP 1							
510+31	32		12				
PONDEROSA							
LT 906+95 - 907+40							
RT 907+02							
RT 907+35							
908+71	70		12				
TOTAL =	1665	55	813	22515	2	1	191.3

SIDEWALK SCHEDULE					
SIDEWALK WIDTH = 5 FT.					
LOCATION	STATION	TO STATION	PC CONC	DETECTABLE	
			SIDEWALK 5	WARNINGS	
			SQ. FT.	SQ. FT.	
MAIN ROAD					
LT	10+43.97	11+34.98	830	14	
LT	10+65.07	10+77.32	144	44	
LT	10+86.90	10+99.56	60		
LT	11+34.98	11+40.04	20	10	
LT	11+59.85	11+75.74	78		
LT	11+59.92	11+64.93	21	10	
SIDE ROADS					
SHADY REST					
LT	300+87.56	300+95.5	55		
LT	301+10.16	301+15.28	17	10	
LT	301+33.11	301+42.79	45	10	
LT	301+57.91	301+72.38	144	44	
PONDEROSA					
RT	907+92		9		
LT	907+70	907+73	195	10	
L & RT	910+52	910+62	407		
	910+56	910+60		10	
RT	910+61	910+73	39		
LAKE VIEW					
LT	1000+93.5	1000+99	23	8	
FISHING PIER					
LT & RT	1101+50.82	1102+13.74	751		
LT	1101+85	1101+89		10	
RT	1101+81	1101+85		10	
TOTAL			2838	190	

STRIPING SCHEDULE					
LOCATION	STATION	TO STATION	PVNT MK	PVNT MK	
			LINE 6	LTRS & SYMB	
			FOOT	SQ. FT.	
MAIN ROAD					
LT & RT	10+43.97	11+75.44	920		
LT	11+62.77				4.6
LT	194+51.79	194+69.30	145		4.6
SIDE ROADS					
SHADY REST					
LT	301+21.75	301+36.06	60		
LT & RT	351+98.56	353+29.23	561		
LAZY "L"					
RT	410+72.61	411+12.51	110		
CIRCLE "C"					
RT	450+31	451+17	297		
LT & RT	453+62.09	454+39.98	569		
RT	454+36				4.6
BOAT RAMP 1					
LT	500+85	501+28	120		
LT & RT	518+62.66	519+15.58	357		
LITTLE BEAR NORTH					
LT	750+50.35	750+86.56	224		
LT	750+54				4.6
SITE OFFICE					
LT	802+96.19	803+12.71	186		
LT	803+00				4.6
PONDEROSA					
LT	905+17.37	906+27.68	575		
LT	905+35.14				4.6
RT	906+65.43	908+59.02	1600		
LT	907+37.78	907+92.88	409		
LT	907+75				4.6
RT	909+58	910+02.1	733		
LT	909+72	910+54	430		
LT	909+69.25				4.6
RT	910+37.26	910+83.04	302		
RT	910+47.85	910+69.88			9.2
LAKE VIEW					
RT	1000+69	1000+95	290		
RT	1000+76	1000+95	48		
LT	1000+78				4.6
FISHING PIER					
LT	1101+40	1101+78	210		
RT	1101+26.33	1101+78	288		
RT	1101+65.25				4.6
LOOKOUT					
LT & RT	1200+65	1201+76	300		
POSEN					
LT &					

DRAINAGE SCHEDULE																															
STATION(S)	INLETS						MANHOLES			PIPE CULVERT END SECTIONS									PIPE CULVERTS							STORM SEWER		TRENCH BACKFILL CU. YD.			
	TA T3F&G	TA 604101	INLET TB SAL F&L	INLET RECON TIFOL	INLET RECON	4' DIA TIFCL	4' DIA SAL F&L	5' DIA T8G	12"	15"	18"	24"	36"	48"	ELLIPTICAL 18"	ELLIPTICAL 30"	ELLIPTICAL 48"	TYPE 1 12"	TYPE 1 15"	TYPE 1 18"	TYPE 1 24"	TYPE 1 36"	TYPE 1 48"	TYPE 1 18"	TYPE 1 30"	TYPE 1 48"	TYPE 2 18"		TYPE 2 24"	TYPE 1 12"	TYPE 1 24"
	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	12" LIN. FT.	15" LIN. FT.	18" LIN. FT.	24" LIN. FT.	36" LIN. FT.	48" LIN. FT.	18" LIN. FT.	30" LIN. FT.	48" LIN. FT.	18" LIN. FT.		24" LIN. FT.	12" LIN. FT.	24" LIN. FT.
<b>MAIN ROAD</b>																															
13+00.75-13+13.75							1													1										36	6.2
13+13.75-13+33																				1										40	4.2
15+21																															
20+42																															
25+41																															
31+10																															
33+64																															
RT 35+80																															
38+34																															
39+64																															
40+28																															
40+37.82																															
52+07																															
54+43																															
RT 55+61																															
60+33																															
72+80																															
102+19																															
108+56																															
113+04																															
114+38																															
122+05																															
131+80																															
137+11																															
141+97																															
145+35																															
150+95																															
164+68																															
168+66																															
174+73																															
174+82																															
192+93																															
LT 194+91																															
199+03																															
205+84																															
205+93																															
216+23																															
220+56																															
<b>ENTRANCE ROAD</b>																															
1505+74																															
LT 1514+90																															
1522+30																															
LT 1523+20																															
LT 1524+00																															
<b>BOAT RAMP 1</b>																															
510+31																															
<b>PONDEROSA</b>																															
LT 906+32 - RT 906+32	1																														
RT 906+32 - 907+06																															
RT 906+92 - RT 906+93																															
RT 906+93																															
RT 907+02																															
RT 907+06 - 907+35																															
LT 907+34																															
RT 907+35																															
908+71																															
<b>SAWMILL</b>																															
1400+20																															
TOTAL =	1	1	1	1	1	2	1	1	27	14	10	18	2	6	4	2	6	326	250	128	136	54	122	72	30	122	86	156	220	76	438.3

JOB NO. 250-081-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-008207





**EROSION CONTROL SCHEDULE**

STATION(S)	STONE RIPRAP					TEMPORARY EROSION CONTROL			PERMANENT EROSION CONTROL							MULCH
	CL A2	CL A3	CL A4	CL A5	FILTER FABRIC	TEMP. SEEDING	DITCH CHECKS	PERIMETER EROS BAR	INLET & PIPE PROTECT	SEEDING CL 2A	FERT NUTR			AGR GROUND	METHOD	
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ YD	POUND	FOOT	LIN. FT.	EACH	ACRE	NITROGEN	PHOSPHORUS	POTASIMUM	LIMESTONE	2	
LT 116+20								6								
RT 116+20								6								
LT 117+00								6								
RT 118+00								6								
RT 120+00 - 124+00											410					
LT 120+30								6								
LT 120+30 - 123+00											270					
LT 122+05			48.0			48.0										
RT 122+11									1							
LT 122+80 - 123+03			51.0			51.0										
LT 123+95								6								
LT 124+90								6								
RT 125+46								6								
RT 126+30								6								
RT 127+20								6								
RT 129+00								6								
RT 130+00								6								
LT 130+60 - 132+50											190					
LT 131+00 - 132+85											185					
LT 131+80			10.0			10.0										
RT 131+80									1							
RT 132+85								6								
RT 133+75								6								
LT 135+00 - 137+42											242					
RT 135+45								6								
RT 136+25								6								
RT 136+90								6								
RT 136+90 - 137+50											60					
LT 137+11			36.0			36.0										
RT 137+11									1							
LT 137+90								6								
RT 137+90								6								
LT 139+90								6								
RT 139+90								6								
LT 140+80								6								
RT 140+80								6								
LT 141+60								6								
LT 141+60 - 142+60											100					
RT 141+70								6								
RT 141+70 - 142+45											75					
LT 141+97			30.0			30.0										
RT 141+97									1							
RT 142+45								6								
LT 142+60								6								
LT 143+25								6								
RT 143+30								6								
LT 144+65								6								
LT 144+65 - 145+90											125					
RT 145+10								6								
RT 145+10 - 146+10											100					
RT 145+35									1							
LT 145+90								6								
RT 146+10								6								
LT 146+90								6								
RT 147+00								6								
RT 148+00								6								
LT 148+40								6								
LT 149+90								6								
RT 149+90								6								
LT 150+60								6								
LT 150+60 - 153+00											240					
RT 150+60								6								
RT 150+60 - 151+40											80					
LT 150+95			12.0			12.0										
RT 150+95									1							
RT 151+40								6								
RT 152+20								6								
RT 153+10								6								
LT 154+00								6								
RT 154+00								6								
LT 155+00								6								
RT 155+00								6								
LT 156+00								6								
RT 156+00								6								
LT 157+00								6								
RT 157+00								6								
LT 158+00								6								
RT 158+00								6								
LT 159+00								6								
RT 159+00								6								
LT 160+00								6								
RT 160+00								6								

**EROSION CONTROL SCHEDULE**

STATION(S)	STONE RIPRAP					TEMPORARY EROSION CONTROL			PERMANENT EROSION CONTROL							MULCH
	CL A2	CL A3	CL A4	CL A5	FILTER FABRIC	TEMP. SEEDING	DITCH CHECKS	PERIMETER EROS BAR	INLET & PIPE PROTECT	SEEDING CL 2A	FERT NUTR			AGR GROUND	METHOD	
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ YD	POUND	FOOT	LIN. FT.	EACH	ACRE	NITROGEN	PHOSPHORUS	POTASIMUM	LIMESTONE	2	
LT 161+00								6								
RT 161+00								6								
LT 162+00								6								
RT 162+00								6								
LT 163+00								6								
RT 163+00								6								
LT 164+00								6								
RT 164+20 - 165+00														80		
LT 164+55								6								
LT 164+55 - 165+00											45					
LT 164+68														1		
RT 164+68			12.0							12.0						
RT 165+00								6								
LT 166+00								6								
LT 167+00								6								
RT 167+00								6								
RT 168+00								6								
RT 168+00 - 169+00														100		
LT 168+30								6								
LT 168+30 - 169+30														100		
LT 168+66			21.0							21.0						
RT 168+66														1		
RT 169+20								6								
LT 169+35								6								
RT 170+00								6								
LT 170+10								6								
LT 172+00								6								
RT 172+00								6								
RT 172+90								6								
RT 172+90								6								
LT 173+80								6								
RT 173+80								6								
LT 174+50								6								
LT 174+50 - 175+00														50		
RT 174+50 - 175+00														50		
RT 174+73														1		
LT 174+75										63.0						
LT 174+82														1		
LT 176+50								6								
RT 176+50								6								
LT 177+00								6								
RT 177+00								6								
LT 177+50								6								
RT 177+50								6								
LT 178+00								6								
RT 178+00								6								
LT 179+00								6								
RT 179+00								6								
LT 180+00								6								
RT 180+00								6								
LT 181+00								6								
RT 181+00								6								

EROSION CONTROL SCHEDULE

Table with columns for STATION(S), STONE RIPRAP (CL A2-A5), TEMPORARY EROSION CONTROL (FILTER, SEEDING, DITCH, PERIMETER, PIPE, SEEDING, CL 2A, NITROGEN, PHOSPHORUS, POTASIAM, LIMESTONE), PERMAMENT EROSION CONTROL (AGR, MULCH), and METHOD. Rows include stations like RT 199+03, LT 199+20, etc.

EROSION CONTROL SCHEDULE

Table with columns for STATION(S), STONE RIPRAP (CL A2-A5), TEMPORARY EROSION CONTROL (FILTER, SEEDING, DITCH, PERIMETER, PIPE, SEEDING, CL 2A, NITROGEN, PHOSPHORUS, POTASIAM, LIMESTONE), PERMAMENT EROSION CONTROL (AGR, MULCH), and METHOD. Rows include ENTRANCE ROAD, SIDE ROADS, BOAT RAMP 1, PONDEROSA, and a TOTAL row.

MISCELLANEOUS SCHEDULE

Table with columns for LOCATION, FURNISHED EXCAVATION, FIELD OFFICE, LEV BIN, MIX CR JTS, FLANGEWYS, MOBILIZATION, PROTECTIVE COAT, and TRAF. Rows include ENTIRE PROJECT.

Administrative table with fields for FILE NAME, USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, DATE, and REVISED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA SCHEDULE OF QUANTITIES

Table with fields for SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO., and ILLINOIS PBL. AND PROJ. REG.

JOB NO. 250-061-W VASCONELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207

GUARD POSTS, GATES, SIGNS, AND PARKING SCHEDULE											
LOCATION	STATION	TO STATION	GUARD	GUARD	GUARDRAIL	TUBULAR	TRASH	REM	SIGN	WOOD	TEMP
			POST REMOV EACH	POSTS EACH	REMOV FT.	BOLLARD EACH	STEEL GATE EACH	RECEPT RELOC EACH	RE-ERECT EX SIGN EACH	PANEL T1 SQ. FT.	
<b>MAIN ROAD</b>											
LT & RT	10+43.35	11+75.72									
LT	26+00	403+00									415
RT	26+00	30+00									368
RT	26+86.10								1		
LT	27+49.51	30+00									250
LT	27+95.75								1		
LT	30+00	31+00									100
RT	30+00	31+00									100
LT	40+63								1		
RT	41+52.49								1		
LT	47+96								1		
RT	67+94								1		
LT	74+19								1		
RT	85+23	85+32	13	13							
LT	85+70	89+27	28	60							
LT	85+73							2			
RT	86+11	86+89	13	14							
RT	88+29	88+85	4	10							
RT	88+80							6.25	14		
LT	89+27	90+20.6	15	15							
RT	89+30							1.5	14		
RT	125+25.6							1			
RT	127+50							1			
RT	193+00	193+73									73
RT	193+73	199+63									590
LT	194+54.11	194+58.78									
RT	199+63	205+00							6.25	14	537
RT	226+00							1.5	14		
RT	226+40										
<b>ENTRANCE ROAD</b>											
LT	1502+00							1.5	14		
RT	1502+73							1			
LT	1503+00							6.25	14		
<b>SIDE ROADS</b>											
<b>SHADY REST</b>											
LT	301+50.86	301+73									
<b>LAZY "L"</b>											
RT	400+00	403+00									300
RT	410+65	411+24									
<b>CIRCLE "C"</b>											
RT	450+33	451+15									
RT	450+72							1			
LT & RT	453+50.21	454+38.19									
<b>BOAT RAMP 1</b>											
LT	500+89							1			
LT	500+90										
LT	517+98.52	517+98.68		2							
LT	518+40	518+51.5		3							
LT	518+55.7	519+54.6	19	19							
LT & RT	518+83	519+08									
LT	519+02							1			
<b>LONELY OAK WEST</b>											
LT	552+75.27					1					
<b>PONDEROSA</b>											
LT	909+60	909+65									
RT	910+65							1.5	10		
RT	910+65							0.5			
<b>LAKE VIEW</b>											
RT	1000+89							1			
<b>FISHING PIER</b>											
RT	1101+85								1.5	10	
RT	1101+85								0.5		
LT	1102+00							1			

GUARD POSTS, GATES, SIGNS, AND PARKING SCHEDULE												
LOCATION	STATION	TO STATION	GUARD	GUARD	GUARDRAIL	TUBULAR	TRASH	REM	SIGN	WOOD	TEMP	
			POST REMOV EACH	POSTS EACH	REMOV FT.	BOLLARD EACH	STEEL GATE EACH	RECEPT RELOC EACH	RE-ERECT EX SIGN EACH	PANEL T1 SQ. FT.		SIGN SUPPORT FT.
<b>LOOKOUT POINT</b>												
LT & RT	1200+61	1202+55										
RT	1200+75	1202+01								234		
<b>POSEN</b>												
LT & RT	1303+95	1304+15							12			
LT & RT	1304+05	1304+10										
<b>PINE PICNIC AREA</b>												
RT & LT	1601+96	1601+99							8			
<b>TOTAL=</b>			<b>112.0</b>	<b>136.0</b>	<b>234.0</b>	<b>1.0</b>	<b>1.0</b>	<b>4.0</b>	<b>13.0</b>	<b>27.3</b>	<b>104.0</b>	<b>2333.0</b>

EARTHWORK SCHEDULE					
LOCATION	STATION	TO STATION	TOPSOIL	EARTH	CHANNEL
			FUR & PLACE VAR DEPTH SQ. YD.	EXCAVATION SPECIAL CU YD	
<b>MAIN ROAD</b>					
LT	10+65.07	10+77.32			4
	11+26.16	11+88.12			24
LT	11+39.40	11+59.90			4
LT	13+22				20
LT	25+41				7
LT	31+10				9
LT	33+64				8
LT	38+00				66
LT	39+40				20
LT	54+48				11
LT	60+24				8
RT	84+48	85+20			5
LT	102+02				11
LT	108+56				14
LT	113+04				17
LT	114+38				13
LT	122+05				61
LT	131+80				6
LT	137+11				48
LT	141+97				40
LT	150+95				14
RT	164+68				13
LT	168+66				22
LT	174+75				113
RT	192+93				16
LT	194+57.32	195+04.83			11
LT	199+03				22
LT	205+90				550
LT	216+23				82
LT	220+56				78
<b>ENTRANCE ROAD</b>					
RT 1505+74					35
<b>SIDE ROADS</b>					
<b>SHADY REST</b>					
RT	300+05.97	300+49	86		4
RT & LT	300+49	301+21	146		7
LT	352+08.20	353+25.39			5
<b>LAZY "L"</b>					
RT	410+64.61	411+24.12			72
LT	452+94.69	454+39.98	134		22
RT	453+14.58	453+63.08	76		13
LT & RT	454+11.99	454+42.60			2
<b>BOAT RAMP 1</b>					
LT	500+41	501+34	114		
LT	502+94	504+41	300		50
LT	517+65	518+82	120		
<b>LONELY OAK WEST</b>					
LT	552+83.20	553+20.21			21
<b>LONELY OAK NORTH</b>					
RT	561+96.95	562+54.05			15
LT	562+03.7	562+59.9			16
LT & RT	562+55.7	562+61.74			0.2

EARTHWORK SCHEDULE					
LOCATION	STATION	TO STATION	TOPSOIL	EARTH	CHANNEL
			FUR & PLACE VAR DEPTH SQ. YD.	EXCAVATION SPECIAL CU YD	
<b>SITE RESIDENT</b>					
LT	602+49.5	602+78.86			7
<b>LITTLE BEAR NORTH</b>					
LT	750+66.35	750+86.56			15
<b>PONDEROSA</b>					
LT	905+19	905+55			3
LT	906+27	906+33			1
RT	906+29		20		
RT	906+98	908+21			140
LT	907+67	907+78			17
LT	907+70	907+77			3
RT	908+52	909+60			9
LT	909+39	909+96			2
LT & RT	910+52	910+83			8
RT	910+61	910+73			1
<b>LAKE VIEW</b>					
LT	1000+32	1000+47			1
LT	1000+47	1000+74			5
LT & RT	1000+59	1000+95			3
<b>FISHING PIER</b>					
LT	1100+00	1101+29.72	501		111
LT	1101+57.08	1101+91	45		10
LT & RT	1101+57.08	1102+00	126		28
RT	1101+13.5	1102+00	700		183
<b>LOOKOUT POINT</b>					
LT & RT	1201+76	1203+04		106	20
RT	1202+24	1203+04		72	12
<b>SAWMILL</b>					
LT & RT	1405+25	1405+90			29
<b>PINE PICNIC AREA</b>					
RT	1601+67.42	1601+95.95		27	7
LT	1601+73.24	1601+97.89		27	7
<b>TOTAL</b>			<b>2600</b>	<b>1997.3</b>	<b>204.0</b>

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - S.D.J.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/12/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 14 OF 112 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	14
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

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



EARTH EX. WIDENING			
LOCATION	STATION	TO STATION	EARTH EXC WID CU YD
LT	12+95	15+00	6.8
LT	15+00	17+00	9.8
RT	15+00	15+31	0.6
RT	16+00	18+64	14.4
LT	17+38	19+41.8	10.6
RT	19+15.3	21+00	5.8
LT	19+55	21+00	4.6
RT	21+00	22+86.8	3.0
LT	21+00	23+29.2	6.2
RT	23+00	26+00	11.2
LT	24+00	26+00	10.4
LT	26+00	27+28.5	2.9
RT	26+00	27+25.9	5.0
LT	27+88	30+00	17.4
RT	28+29	28+62	0.5
RT	30+00	34+00	24.3
LT	30+00	32+51.3	10.6
LT	33+00	35+43	10.9
RT	34+00	35+43	6.1
RT	35+43	39+20.6	30.6
LT	35+43	39+88	22.4
RT	40+20	40+72	4.5
RT	40+72	45+90	25.6
LT	41+00	45+90	24.8
LT	45+90	49+21	13.4
RT	45+90	50+90	33.5
LT	49+72	50+90	6.1
LT	50+90	56+76	35.8
RT	50+90	54+53.3	19.1
RT	56+00	56+76	3.0
LT	56+76	61+19	57.3
RT	56+76	58+00	5.0
RT	58+05	61+19	7.3
LT	61+19	61+83	2.6
RT	61+19	61+90	1.6
RT	62+00	66+86	19.0
LT	62+51	63+84	4.7
LT	64+25	66+86	15.7
RT	66+86	71+59	33.3
LT	66+86	71+59	28.9
RT	71+59	77+00	35.5
LT	71+59	77+00	46.4
RT	77+00	82+40	35.3
LT	77+00	78+47.5	10.3
LT	78+73	82+40	27.6
RT	82+40	89+27	57.4
LT	82+40	89+27	48.7
RT	89+27	94+90	35.7
LT	89+27	94+90	29.3
RT	94+90	101+46	31.6
LT	94+90	98+23.6	15.7
LT	99+85	101+46	12.6
RT	101+46	107+00	35.0
LT	101+46	107+00	49.5
RT	107+00	112+69	42.7
LT	107+00	110+06.9	26.0
LT	110+22	112+69	21.1
RT	112+69	119+63	48.3
LT	112+69	119+63	60.1
RT	119+63	125+41	38.4
LT	119+63	125+41	44.8
RT	125+41	130+59	46.7
LT	125+41	125+54	1.1
LT	125+91	127+52	13.6
LT	127+65	130+12.7	22.1
LT	130+35	130+59	2.4
RT	130+59	137+42	63.7
LT	130+59	137+42	58.8
RT	137+42	142+00	64.7
RT	142+05	143+46	18.0
LT	137+42	143+46	24.1
RT	143+46	150+25	59.4
LT	143+46	150+25	56.9
RT	150+25	156+41	63.2
LT	150+25	156+41	55.6
RT	156+41	163+00	63.2
LT	156+41	158+22	12.2
LT	158+55	163+00	30.1
RT	163+00	169+31	48.8
LT	163+00	169+31	59.4
RT	169+31	175+75	73.0
LT	169+31	175+75	43.3
RT	175+75	182+12	56.3
LT	175+75	182+12	52.8

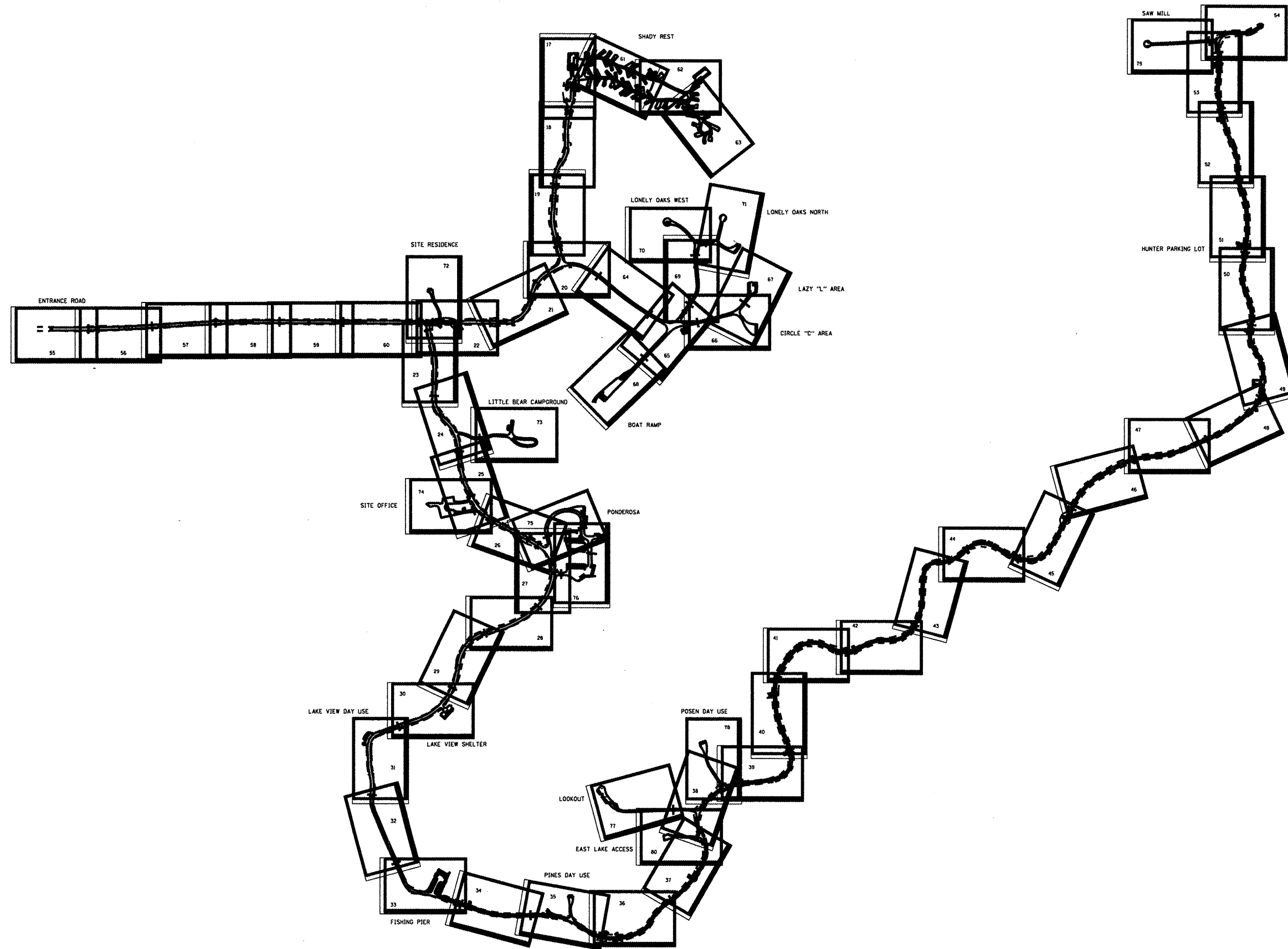
EARTH EX. WIDENING			
LOCATION	STATION	TO STATION	EARTH EXC WID CU YD
LT	188+15	193+73	46.8
RT	193+73	199+63	43.8
LT	194+12	194+65	1.2
LT	194+95	199+63	44.1
RT	199+63	205+38	39.0
LT	199+63	205+38	57.9
RT	205+38	211+16	51.5
LT	205+38	211+16	54.9
RT	211+16	217+00	56.8
LT	211+16	217+00	52.7
RT	217+00	221+50	40.7
LT	217+00	221+50	50.2
RT	221+50	226+40	45.1
LT	221+50	222+26	4.5
LT	222+70	226+40	29.5
<b>ENTRANCE ROAD</b>			
	1502+00	1502+20	1.0
	1502+20	1505+00	23.1
	1505+00	1510+00	30.3
	1510+00	1515+00	28.2
	1515+00	1520+00	38.5
	1520+00	1525+00	33.3
	1525+00	1531+00	36.0
	1531+00	1532+00	11.2
<b>ENTRANCE ROAD &amp; MAIN ROAD TOTAL 3252.8</b>			
<b>SIDE ROADS</b>			
<b>SHADY REST</b>			
LT	300+49	306+50	38.2
RT	300+49	306+50	25.8
LT	306+50	309+50	26.8
RT	306+50	309+50	18.1
LT	309+50	311+50	5.9
RT	311+50	312+51.96	11.8
<b>LAZY "L"</b>			
LT	403+00	408+00	21.8
LT	408+00	409+45.5	9.3
<b>BOAT RAMP 1</b>			
	500+33	503+15	14.9
	503+15	505+50	33.5
	505+50	508+00	24.9
	508+00	509+75.8	14.0
	509+75.8	511+00	2.2
	511+00	515+00	3.0
LT	517+43.5	518+37.5	4.1
<b>LONELY OAK WEST</b>			
	550+09	553+41.08	31.2
<b>LONELY OAK WEST</b>			
RT	560+35	560+72	
RT	560+72	561+97	
<b>LOOKOUT POINT</b>			
	1200+60	1203+55	3.0
	1208+66	1209+31	2.2
<b>POSEN</b>			
RT	1300+09	1300+28	1.8
<b>SAWMILL</b>			
	1400+11	1400+37	0.9
	1400+37	1400+77	5.8
	1400+77	1405+26	71.8
<b>SIDE ROAD TOTAL 370.9</b>			
<b>TOTAL =</b>			<b>3623.7</b>

GRADING AND SHAPING SHOULDERS			
LOCATION	STATION	TO STATION	EARTH EXC WID 1 UNIT = 100 FT.
<b>MAIN ROAD</b>			
RT	10+43.97	13+00	4.30
LT	13+00	15+00	2.00
RT	13+00	15+00	2.00
LT & RT	15+00	21+00	12.00
LT & RT	21+00	26+00	12.00
RT	26+00	27+00	3.60
LT	26+00	27+00	1.00
LT	27+50	30+00	2.50
LT	30+00	35+43	10.86
LT	35+43	40+72	5.29
RT	35+43	39+20	3.77
RT	39+52	39+87	0.35
RT	40+26	40+72	0.46
LT & RT	40+72	45+90	10.36
LT	45+90	49+35	3.45
RT	45+90	50+90	5.00
LT	49+60	50+90	1.30
LT	50+90	56+76	0.00
RT	50+90	54+65	3.75
RT	54+92	55+35	0.43
RT	55+90	56+76	0.86
LT & RT	56+76	61+19	8.86
LT	61+19	61+72	0.53
RT	61+19	66+86	5.67
LT	62+50	63+65	1.15
LT	64+20	66+86	2.66
LT & RT	66+86	71+59	9.46
LT & RT	71+59	77+00	10.82
LT	77+00	78+45	1.45
RT	77+00	82+40	5.40
LT	78+80	82+40	3.60
LT	82+40	89+27	6.87
RT	82+40	84+45	2.05
RT	85+28	89+27	3.99
LT & RT	89+27	94+90	11.26
LT	94+90	98+20	3.30
RT	94+90	101+46	6.56
LT	100+85	101+46	0.61
LT & RT	101+46	107+00	11.08
LT	107+00	109+91	2.91
RT	107+00	112+69	5.69
LT	110+42	112+69	2.25
LT & RT	112+69	119+63	13.88
LT & RT	119+63	125+41	11.56
LT	125+41	125+52	0.11
RT	125+41	130+59	5.18
LT	126+73	127+32	0.59
LT	127+85	130+12	2.27
LT	130+43	130+59	0.16
LT & RT	130+59	137+42	13.66
LT & RT	137+42	143+46	12.08
LT & RT	143+46	150+25	13.58
LT & RT	150+25	156+41	12.32
LT & RT	156+41	163+00	13.18
LT & RT	163+00	169+31	12.62
LT & RT	169+31	175+75	12.88
LT & RT	175+75	182+12	12.74
LT & RT	182+12	188+15	12.06
LT & RT	188+15	193+73	11.16
LT	193+73	194+79	1.06
RT	193+73	199+63	5.90
LT	195+05	199+63	4.58
LT & RT	199+63	205+38	11.50
LT & RT	205+38	211+16	11.56
LT & RT	211+16	217+00	11.68
LT & RT	217+00	221+50	9.00
LT	221+50	222+20	0.70
RT	221+50	226+40	4.90
LT	223+58	226+40	2.82

GRADING AND SHAPING SHOULDERS			
LOCATION	STATION	TO STATION	EARTH EXC WID 1 UNIT = 100 FT.
<b>ENTRANCE ROAD</b>			
LT	1502+00	1502+42	0.42
RT	1502+00	1502+30	0.30
LT & RT	1502+70	1505+00	2.30
LT	1502+78	1505+00	2.22
LT & RT	1505+00	1510+00	10.00
LT	1510+00	1514+81	4.81
RT	1510+00	1515+00	5.00
LT	1515+00	1518+61	3.61
RT	1515+00	1518+43	3.43
RT	1518+61	1520+00	1.39
LT	1518+82	1520+00	1.18
LT	1520+00	1523+15	3.15
RT	1520+00	1525+00	5.00
LT	1523+39	1523+80	0.41
LT	1524+15	1525+00	0.85
LT & RT	1525+00	1531+00	12.00
LT	1531+00	1532+00	1.00
RT	1531+00	1531+40	0.40
<b>SHADY REST</b>			
RT	300+06	300+49	0.43
LT	300+49	306+50	4.53
RT	300+49	306+50	4.96
LT	306+50	309+50	5.15
RT	306+50	309+50	2.72
LT	309+50	311+50	1.24
RT	311+50	312+51.96	3.14
<b>LAZY "L"</b>			
LT & RT	350+73.58	352+10	2.50
<b>CIRCLE "C"</b>			
LT	452+24	452+84	1.30
LT	452+84	453+80	2.45

GRADING AND SHAPING SHOULDERS			
LOCATION	STATION	TO STATION	EARTH EXC WID 1 UNIT = 100 FT.
<b>BOAT RAMP 1</b>			
LT & RT	500+18	505+50	10.22
LT & RT	505+50	508+00	5.00
LT & RT	508+00	509+75.8	2.70
LT & RT	509+75.8	511+00	2.48
LT & RT	511+00	515+00	8.00
LT & RT	515+00	516+50	2.85
LT & RT	516+50	519+15.58	4.75
<b>LONELY OAK WEST</b>			
	550+09	553+41.08	7.04
<b>LONELY OAK NORTH</b>			
LT & RT	560+36	562+61.74	4.65
<b>LITTLE BEAR</b>			
LT & RT	700+11	702+00	3.78
LT & RT	702+00	706+55	12.35
<b>LITTLE BEAR NORTH</b>			
LT & RT	750+40	751+29	1.80
<b>PONDEROSA</b>			
LT & RT	900+11	901+25	2.30
LT & RT	901+25	906+45	9.50
LT & RT	906+45	910+95.05	7.40
<b>LAKE VIEW</b>			
LT & RT	1000+11	1000+95	2.40
<b>LOOKOUT POINT</b>			
LT & RT	1200+60	1207+37	12.5
LT & RT	1207+37	1209+31	3.9
<b>POSEN</b>			
LT & RT	1300+09	1300+28	0.4
LT & RT	1300+28	1304+13	7.7
<b>PINE PICNIC AREA</b>			
LT & RT	1600+11	1601+98	3.7
<b>EAST LAKE ACCESS</b>			
LT & RT	1700+20	1702+80	5.2
LT & RT	1702+80	1703+15	0.8
<b>TOTAL</b>			<b>653.69</b>

TREE REMOVAL SCHEDULE				
STATION	OFFSET	SIZE 6" - 15"	SIZE OVER 15"	STUMP
25+65 LT	22'			24
25+91 RT	20'	12		
37+35 RT	15'			24
37+76 LT	33'			36
37+80 LT	32'	12		
37+94 LT	55'	12		



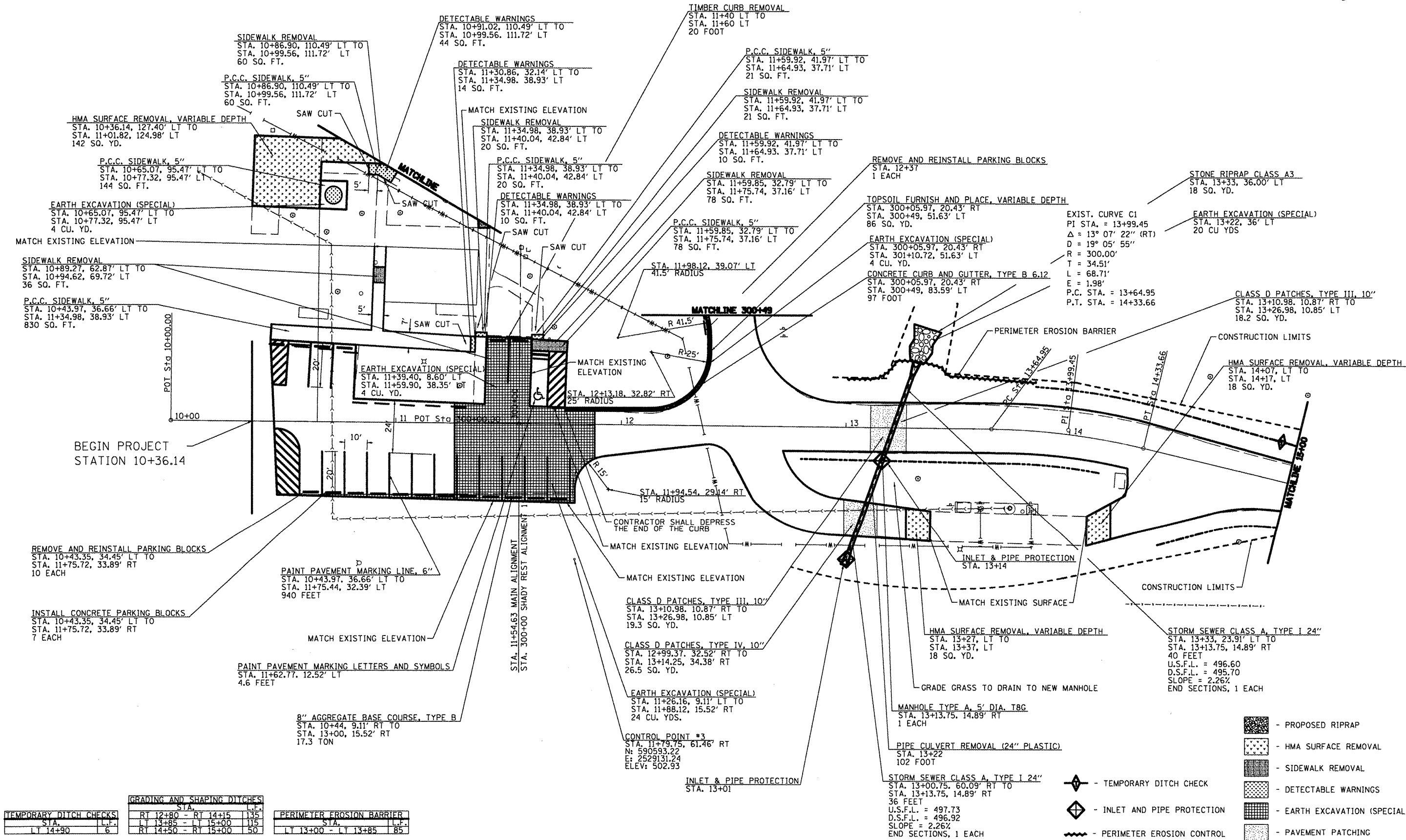
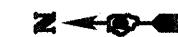
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA OVERALL SHEET LAYOUT			
SCALE: 1" = 400'	SHEET NO. 16 OF 112 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	16
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

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



TEMPORARY DITCH CHECKS		GRADING AND SHAPING DITCHES		PERIMETER EROSION BARRIER	
STA.	L.F.	STA.	L.F.	STA.	L.F.
10+00	6	RT 12+80 - RT 14+15	135	LT 13+85 - LT 15+00	115
10+40	6	RT 14+50 - RT 15+00	50	LT 13+00 - LT 13+85	85

- PROPOSED RIPRAP
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- DETECTABLE WARNINGS
- EARTH EXCAVATION (SPECIAL)
- PAVEMENT PATCHING
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL

FILE NAME =  
#FILE#

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

DESIGNED - R.H.D.  
DRAWN - J.T.T.  
CHECKED - R.H.D.  
DATE - 4/4/12

REVISED -  
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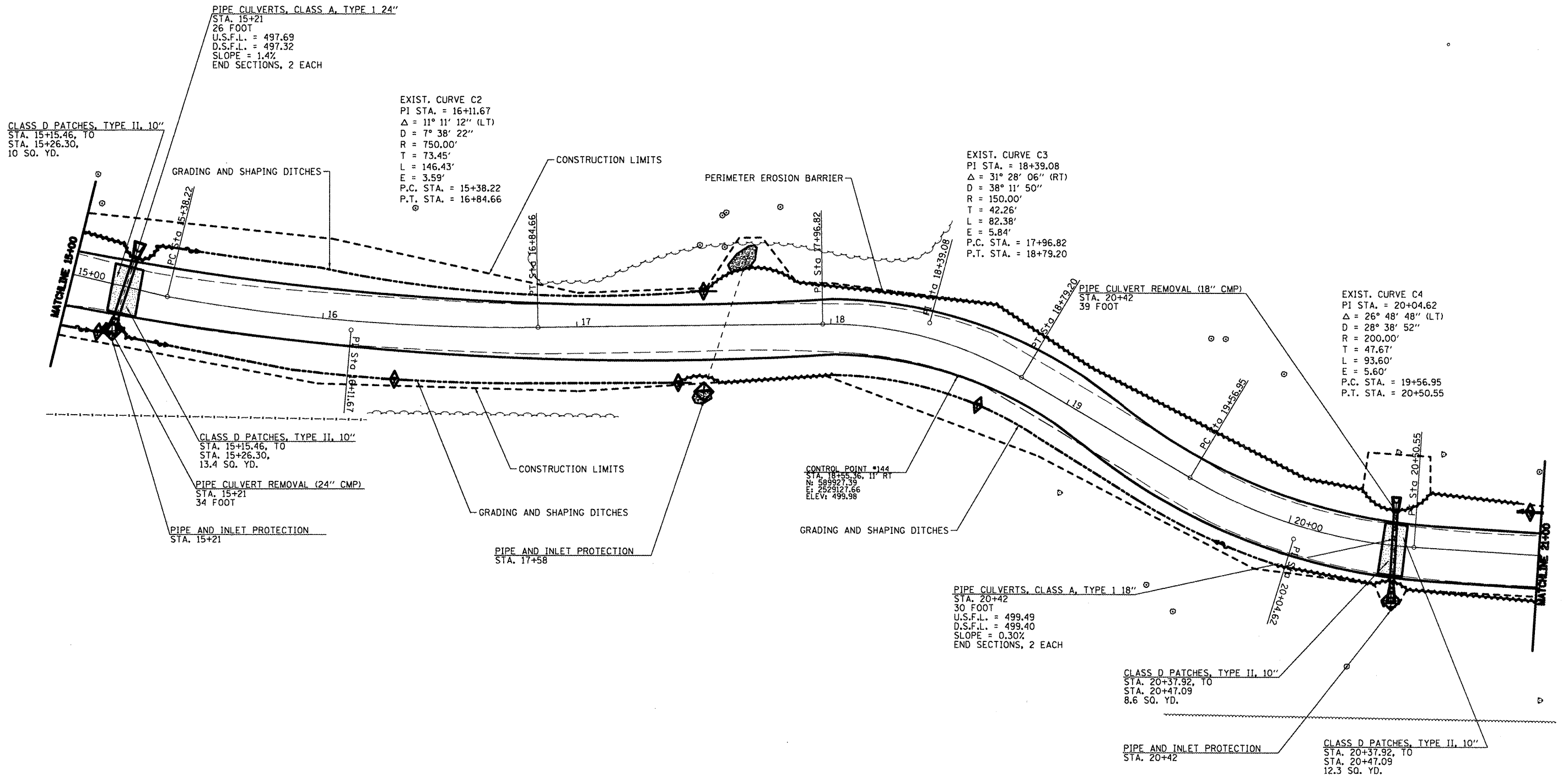
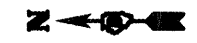
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT  
SCALE: 1" = 20'  
SHEET NO. 17 OF 112 SHEETS  
STA. 10+00 TO STA. 15+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	17

CONTRACT NO. 46223  
ILLINOIS FIBER AND PROJECT

JOB NO. 250-081-W VASCONELLI ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207



TEMPORARY DITCH CHECKS:

STA.	L.P.
RT 15+15	6
RT 16+30	6
RT 17+40	6
LT 17+50	6
RT 18+00	6
RT 18+70	6
LT 21+00	6

GRADING AND SHAPING DITCHES:

STA.	L.P.
RT 15+00 - RT 15+15	15
RT 15+30 - RT 17+40	210
LT 15+35 - LT 17+50	215
RT 18+00 - RT 20+00	200
LT 20+90 - LT 21+00	10

PERIMETER EROSION BARRIER:

STA.	L.P.
LT 15+00 - LT 15+35	35
RT 15+15 - RT 15+30	15
LT 17+50 - LT 21+90	340
RT 17+40 - RT 18+00	60
RT 20+00 - RT 21+00	100

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT**

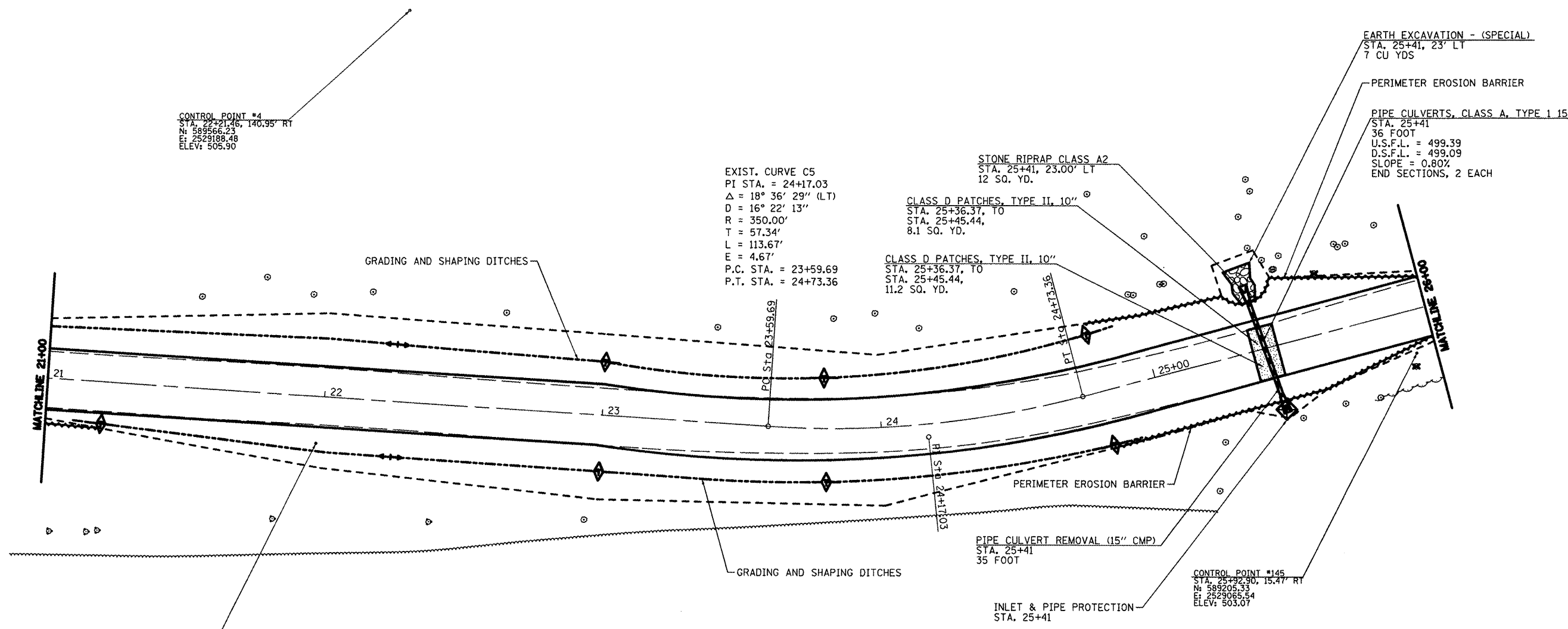
SCALE: 1" = 20'    SHEET NO. 18 OF 112 SHEETS    STA. 15+00 TO STA. 21+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	18
		CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT			

JOB NO. 250-081-4 VASCANELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



TREE REMOVAL		
STA.	OFFSET	SIZE
25+65 LT	22'	24"
25+91 RT	20'	12"



CONTROL POINT #4  
 STA. 22+21.46, 140.95' RT  
 N: 589566.23  
 E: 2529188.48  
 ELEV: 505.90

EXIST. CURVE C5  
 PI STA. = 24+17.03  
 $\Delta = 18^\circ 36' 29''$  (LT)  
 $D = 16^\circ 22' 13''$   
 $R = 350.00'$   
 $T = 57.34'$   
 $L = 113.67'$   
 $E = 4.67'$   
 P.C. STA. = 23+59.69  
 P.T. STA. = 24+73.36

STONE RIPRAP CLASS A2  
 STA. 25+41, 23.00' LT  
 12 SQ. YD.

CLASS D PATCHES, TYPE II, 10"  
 STA. 25+36.37, TO  
 STA. 25+45.44,  
 8.1 SQ. YD.

CLASS D PATCHES, TYPE II, 10"  
 STA. 25+36.37, TO  
 STA. 25+45.44,  
 11.2 SQ. YD.

EARTH EXCAVATION - (SPECIAL)  
 STA. 25+41, 23' LT  
 7 CU YDS

PERIMETER EROSION BARRIER

PIPE CULVERTS, CLASS A, TYPE 1 15"  
 STA. 25+41  
 36 FOOT  
 U.S.F.L. = 499.39  
 D.S.F.L. = 499.09  
 SLOPE = 0.80%  
 END SECTIONS, 2 EACH

CONTROL POINT #143  
 STA. 21+17.88, 16.95' RT  
 N: 589600.04  
 E: 2529032.45  
 ELEV: 505.82

CONTROL POINT #145  
 STA. 25+22.30, 15.47' RT  
 N: 589205.33  
 E: 2529065.54  
 ELEV: 503.07

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 21+20	6
LT 23+00	6
RT 23+00	6
LT 23+80	6
RT 23+80	6
LT 24+80	6
RT 24+80	6

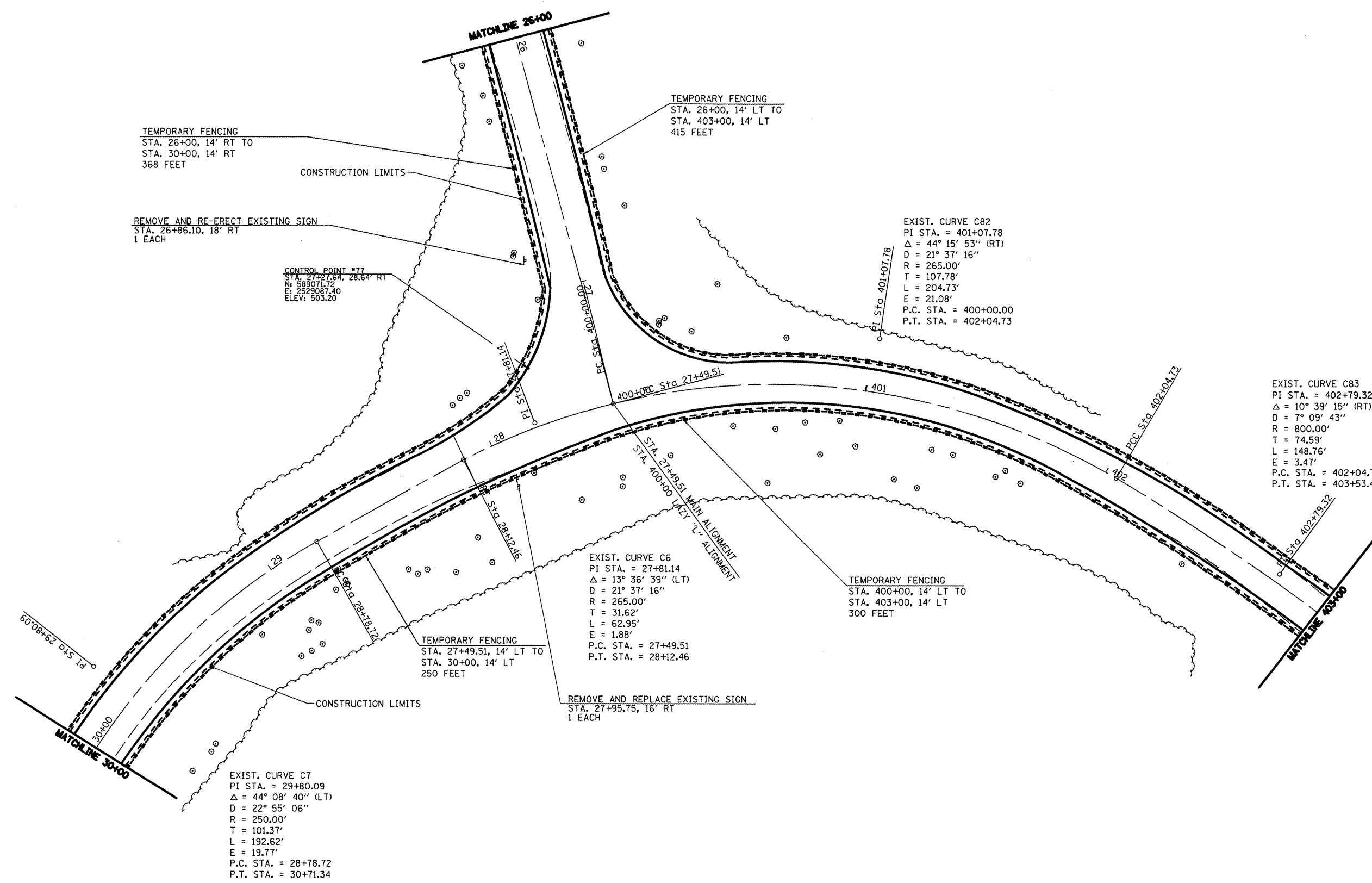
GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 21+00 - LT 24+90	390
RT 21+10 - RT 24+90	380

PERIMETER EROSION BARRIER	
STA.	L.F.
RT 21+00 - RT 21+20	20
LT 24+80 - LT 26+00	120
RT 24+80 - RT 26+00	120

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

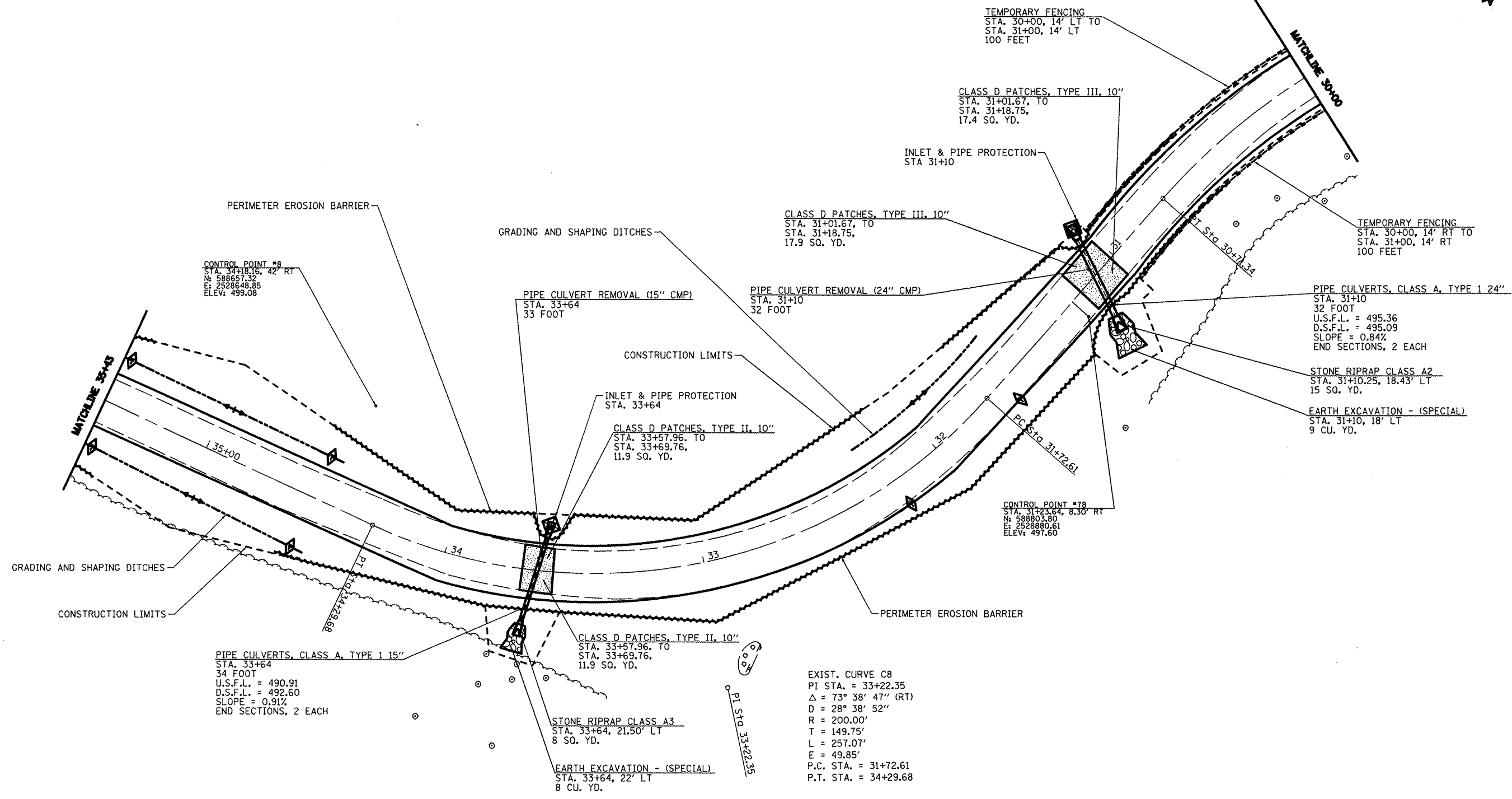
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	PLOT SCALE = @SCALE@	CHECKED - R.H.D.	REVISED -		WASHINGTON	112					19			
PLOT DATE = @DATE@	DATE - 4/4/12	REVISED -									CONTRACT NO. 46223			
											ILLINOIS FED. AID PROJECT			

JOB NO. 250-061-W VASCANCELLS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT / LAZY "L" ALIGNMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = *SCALE*		CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46223				
PLOT DATE = *DATE*		DATE - 4/12/12	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 20 OF 112 SHEETS	STA. 26+00 TO STA. 30+00		

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



TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 31+65	6
LT 32+20	6
LT 34+55	6
RT 34+55	6
LT 35+40	6
RT 35+40	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 31+60 - RT 32+25	65
LT 34+50 - LT 35+43	93
RT 34+50 - RT 35+43	93

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 30+50 - LT 34+60	410
RT 30+50 - RT 31+70	120
RT 32+15 - RT 34+60	245
LT 35+35 - LT 35+43	8
RT 35+35 - RT 35+43	8

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PAVEMENT PATCHING
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/12/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

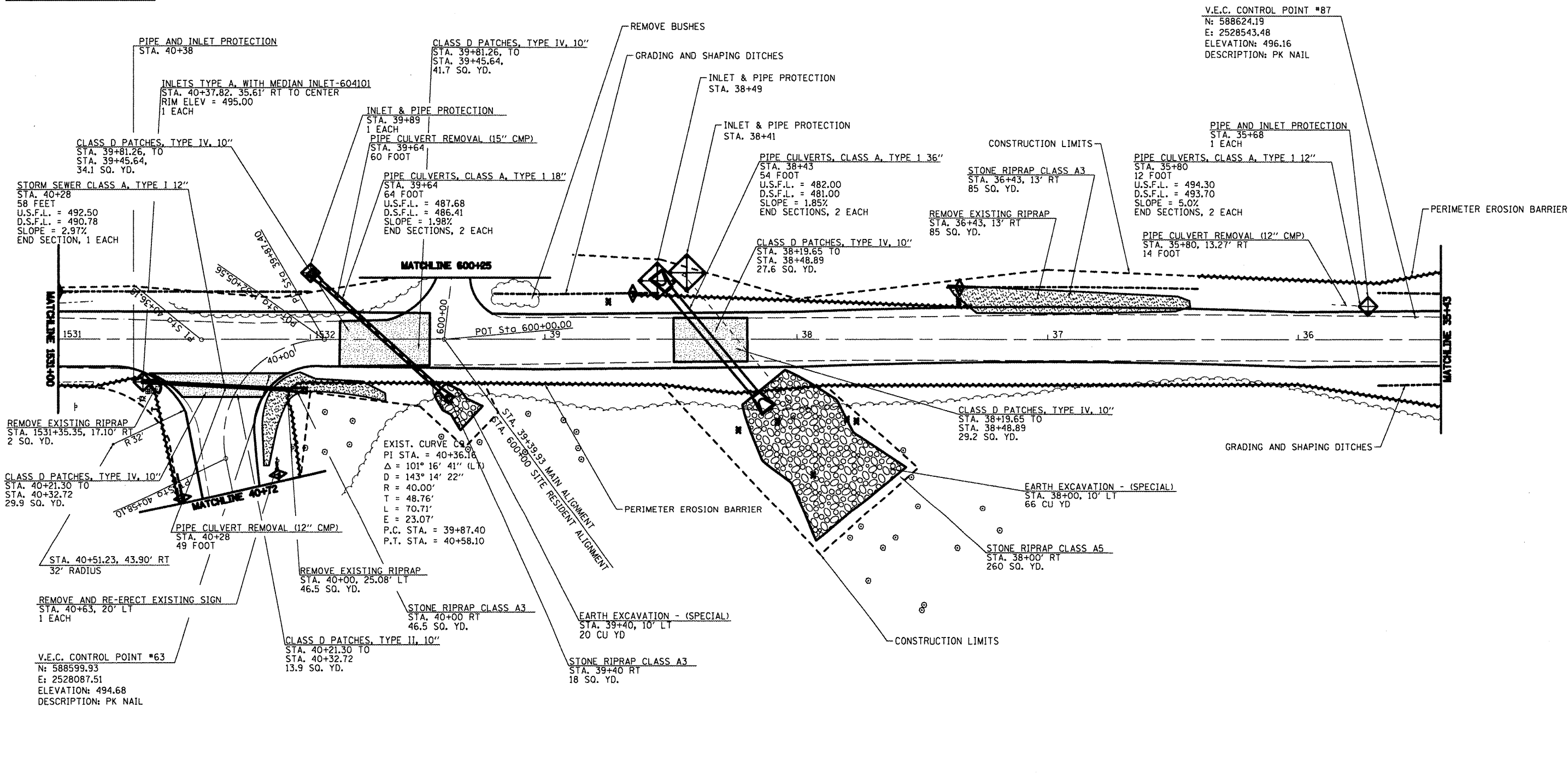
**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 21 OF 112 SHEETS    STA. 30+00 TO STA. 35+43

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	21
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

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

TREE REMOVAL		
STA.	OFFSET	SIZE
37+35 RT	15'	24"
37+76 LT	33'	36"
37+80 LT	32'	12"
37+94 LT	55'	12"
38+08 LT	33'	24"
38+23 LT	37'	12"
38+75 RT	15'	60"



TEMPORARY DITCH CHECKS		
STA.	L.F.	
RT 37+35	6	
RT 38+65	6	
LT 40+70	6	
RT 40+70	6	

GRADING AND SHAPING DITCHES		
STA.	L.F.	
RT 35+43 - RT 35+68	25	
RT 36+40 - RT 37+40	100	
RT 38+55 - RT 39+20	65	
LT 40+60 - LT 40+72	12	
RT 40+60 - RT 40+72	12	
LT 1531+00 - LT 1532+00	100	

PERIMETER EROSION BARRIER		
STA.	L.F.	
LT 35+43 - LT 40+72	529	
RT 35+92 - RT 36+50	58	
RT 37+30 - RT 38+65	135	
RT 40+72 - RT 1531+00	90	

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

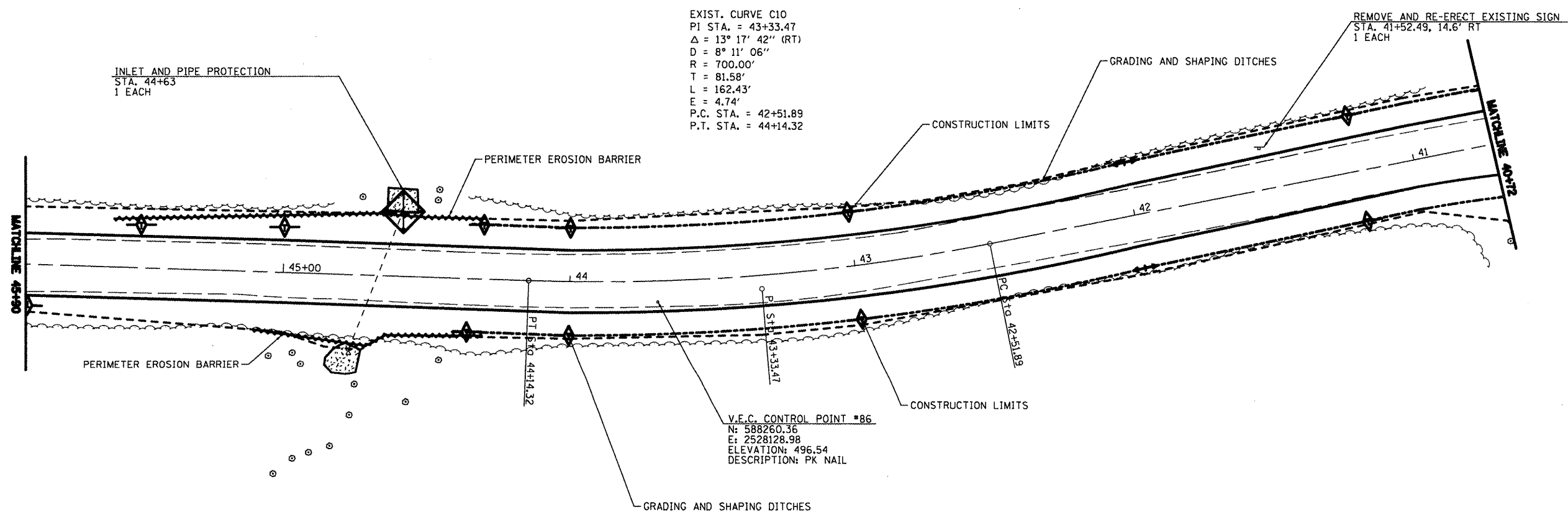
SCALE: 1" = 20'    SHEET NO. 22 OF 112 SHEETS    STA. 35+43 TO STA. 40+72

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	22
		CONTRACT NO. 46223	
ILLINOIS PBL. AND PROJECT			

JOB NO. 20-061-4 VASCONCELES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207



TREE REMOVAL		
STA.	OFFSET	SIZE
45+26 RT	39'	12"



GRADING AND SHAPING DITCHES		
STA.	L.F.	
LT 40+72 - LT 44+40	368	
RT 40+72 - RT 44+35	363	

PERIMETER EROSION BARRIER		
STA.	L.F.	
RT 44+30 - RT 45+00	80	
LT 44+30 - LT 45+60	130	

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = *USER*	DESIGNED - R.J.D.	REVISED -
*FILE#		DRAWN - J.T.T.	REVISED -
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	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

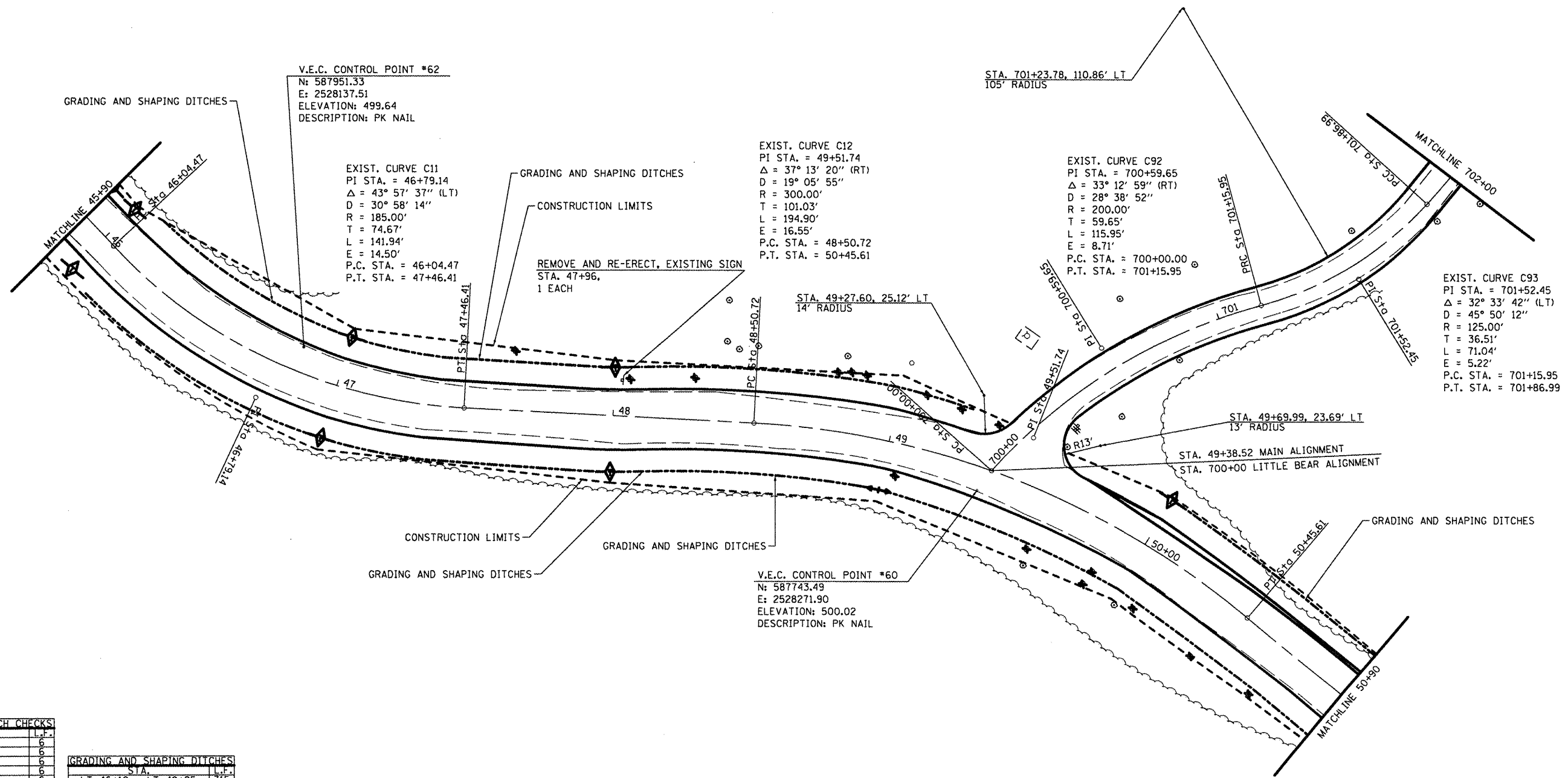
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

WASHINGTON COUNTY CONSERVATOIN AREA MAIN ALIGNMENT	
SCALE: 1" = 20'	SHEET NO. 23 OF 112 SHEETS
STA. 40+72 TO STA. 45+90	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	23
CONTRACT NO. 48223			ILLINOIS PBD. AND PROJECT	

JOB NO. 200-081-R VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

TREE REMOVAL		
STA.	OFFSET	SIZE
47+63	LT 21'	24"
48+05	LT 13'	18"
48+28	LT 15'	12"
48+78	LT 21'	8"
48+83	LT 22'	6"
48+87	LT 22'	10"
49+09	LT 20'	30"
49+22	LT 18'	8"
49+36	LT 16'	12"
49+60	LT 18'	18"
49+62	RT 22'	8"
49+88	RT 18'	24"
50+38	RT 24'	6"
50+64	RT 21'	30"



TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 46+00	6
RT 46+00	6
LT 47+00	6
RT 47+00	6
LT 48+00	6
RT 48+00	6
LT 50+00	6

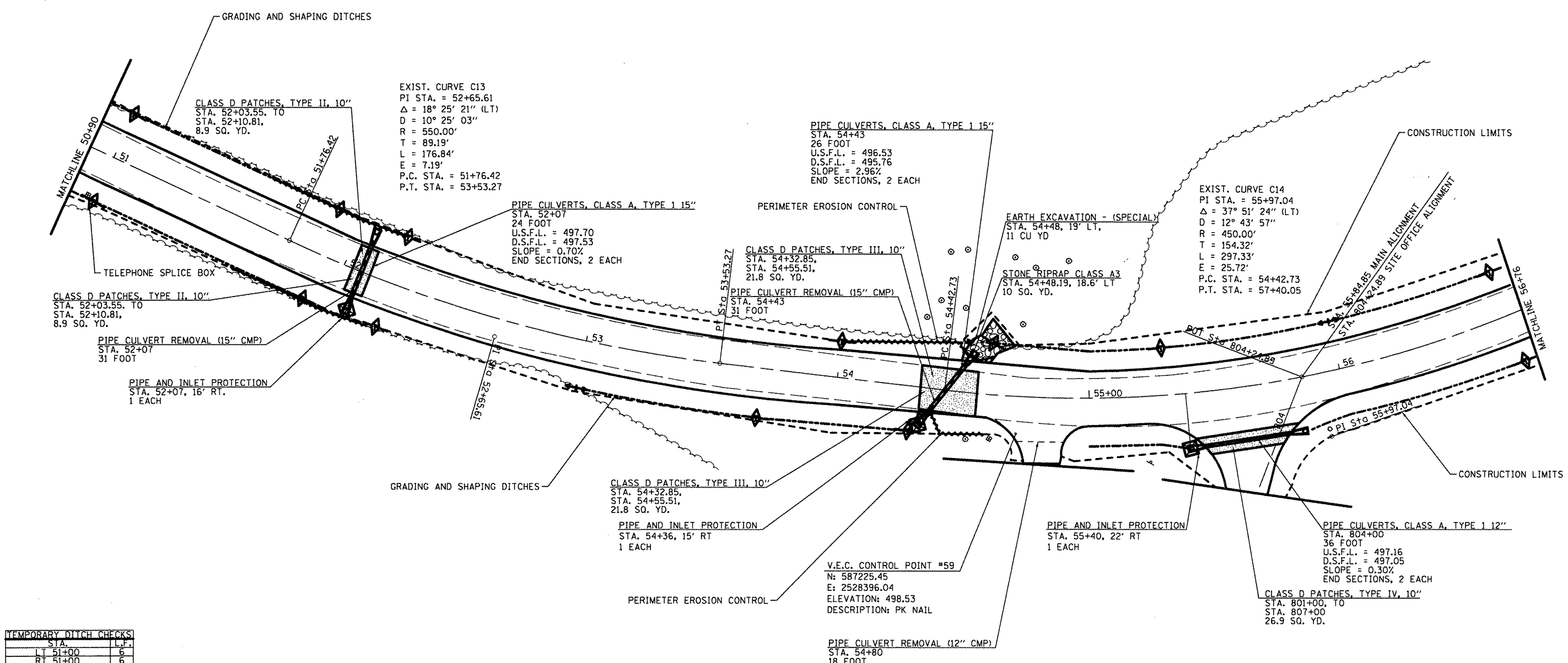
GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 46+10 - LT 49+25	315
RT 46+10 - RT 50+90	480
LT 50+00 - LT 50+90	90

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT</b>	SCALE: 1" = 20'	SHEET NO. 24 OF 112 SHEETS	STA. 45+80 TO STA. 50+90
#FILE#		DRAWN - J.T.T.	REVISED -	WASHINGTON COUNTY		TOTAL SHEETS 112		SHEET NO. 24
		CHECKED - R.H.D.	REVISED -	COUNTY		WASHINGTON		CONTRACT NO. 46223
		DATE - 4/4/12	REVISED -	TOTAL SHEETS		112		SHEET NO. 24
				COUNTY		WASHINGTON		CONTRACT NO. 46223
				TOTAL SHEETS		112		SHEET NO. 24
				COUNTY		WASHINGTON		CONTRACT NO. 46223

JOB NO. 250-081-# VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 18-000207



TREE REMOVAL		
STA.	OFFSET	SIZE
54+50 LT	20'	12"



TEMPORARY DITCH CHECKS		
STA.	L.F.	
LT 51+00	6	
RT 51+00	6	
LT 51+90	6	
RT 51+90	6	
LT 52+20	6	
RT 52+20	6	
LT 53+70	6	
RT 53+70	6	
LT 54+00	6	
RT 54+00	6	
LT 54+30	6	
RT 54+30	6	
LT 54+60	6	
RT 54+60	6	
LT 55+30	6	
RT 55+30	6	
LT 56+70	6	
RT 56+70	6	

GRADING AND SHAPING DITCHES		
STA.	L.F.	
LT 50+90 - LT 52+00	110	
RT 50+90 - RT 50+90	110	
LT 53+00 - RT 54+35	135	
LT 54+55 - LT 56+70	215	
LT 55+00 - RT 55+39	39	
RT 55+83 - RT 56+76	93	

PERIMETER EROSION BARRIER		
STA.	L.F.	
LT 51+90 - LT 52+20	30	
RT 51+90 - RT 52+20	30	
LT 54+00 - LT 54+60	60	
RT 54+30 - RT 54+60	30	

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

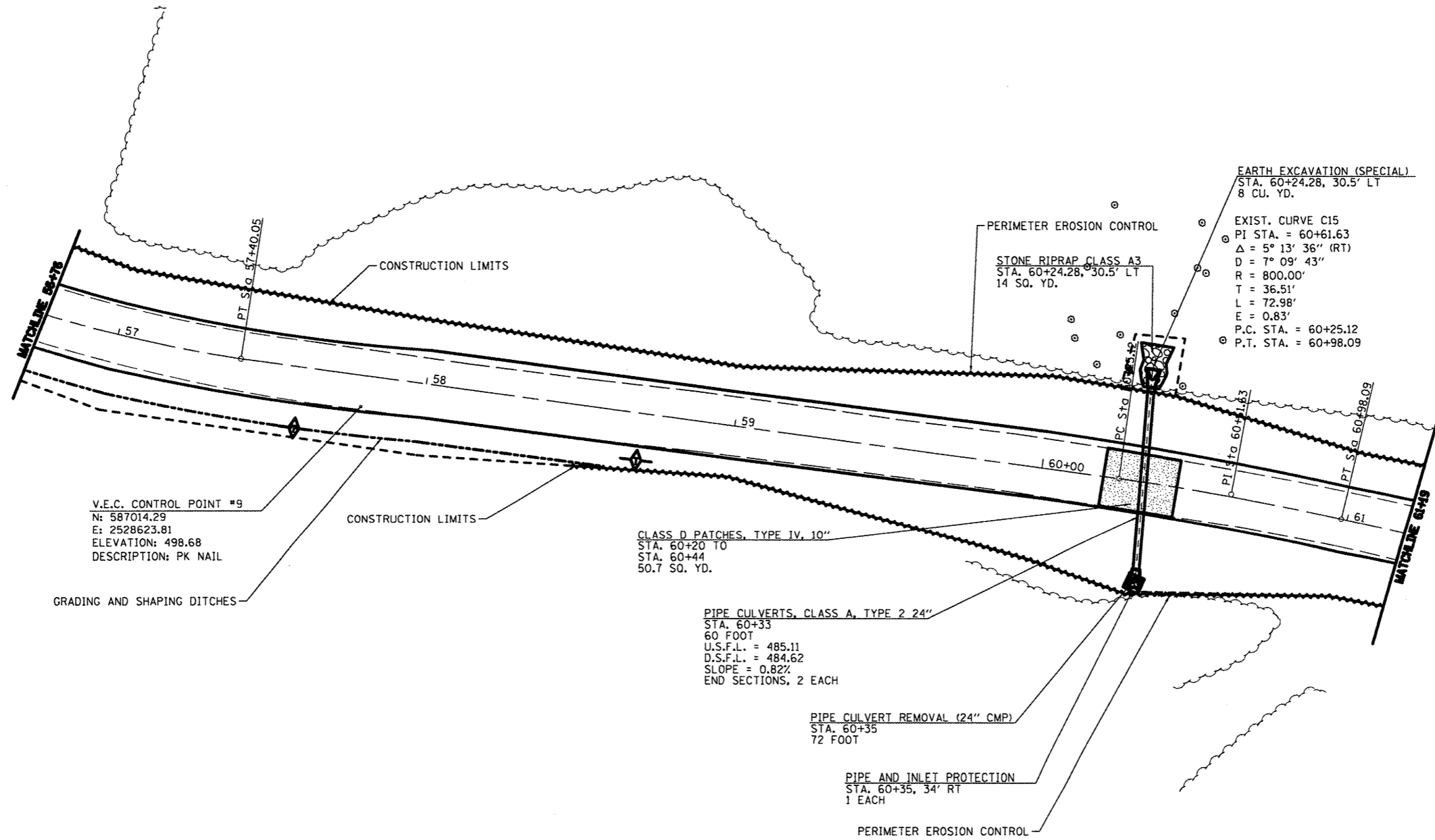
**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 25 OF 112 SHEETS    STA. 50+90 TO STA. 56+76

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	25
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

JOB NO. 250-061-W VASCOSCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-000207

TREE REMOVAL		
STA.	OFFSET	SIZE
60+24 LT	36'	12"



V.E.C. CONTROL POINT #9  
 N: 587014.29  
 E: 2528623.81  
 ELEVATION: 498.68  
 DESCRIPTION: PK NAIL

EARTH EXCAVATION (SPECIAL)  
 STA. 60+24.28, 30.5' LT  
 8 CU. YD.

EXIST. CURVE C15  
 PI STA. = 60+61.63  
 $\Delta = 5^\circ 13' 36''$  (RT)  
 $D = 7^\circ 09' 43''$   
 $R = 800.00'$   
 $T = 36.51'$   
 $L = 72.98'$   
 $E = 0.83'$   
 P.C. STA. = 60+25.12  
 P.T. STA. = 60+98.09

CLASS D PATCHES, TYPE IV, 10"  
 STA. 60+20 TO  
 STA. 60+44  
 50.7 SQ. YD.

PIPE CULVERTS, CLASS A, TYPE 2 24"  
 STA. 60+33  
 60 FOOT  
 U.S.F.L. = 485.11  
 D.S.F.L. = 484.62  
 SLOPE = 0.82%  
 END SECTIONS, 2 EACH

PIPE CULVERT REMOVAL (24" CMP)  
 STA. 60+35  
 72 FOOT

PIPE AND INLET PROTECTION  
 STA. 60+35, 34' RT  
 1 EACH

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 57+60	6
RT 58+50	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 56+76 - RT 58+60	204

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 56+76 - LT 61+19	443
RT 58+50 - RT 61+19	269

FILE NAME =  
 #FILE#

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

DESIGNED - R.H.D.  
 DRAWN - J.T.T.  
 CHECKED - R.H.D.  
 DATE - 4/4/12

REVISED -  
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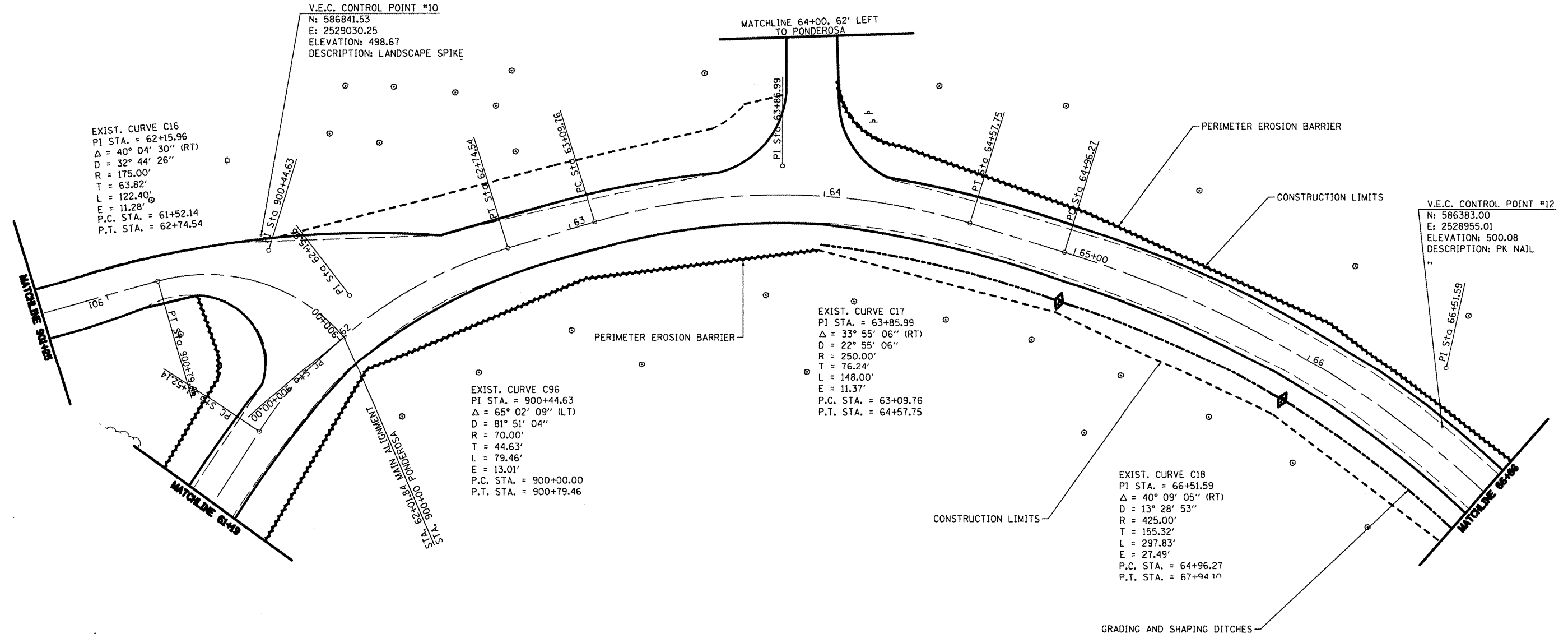
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT  
 SCALE: 1" = 20'  
 SHEET NO. 26 OF 112 SHEETS  
 STA. 56+76 TO STA. 61+19

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	26
CONTRACT NO. 46223			
ILLINOIS PBL. AID PROJECT			

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





EXIST. CURVE C16  
 PI STA. = 62+15.96  
 $\Delta = 40^\circ 04' 30''$  (RT)  
 $D = 32^\circ 44' 26''$   
 $R = 175.00'$   
 $T = 63.82'$   
 $L = 122.40'$   
 $E = 11.28'$   
 P.C. STA. = 61+52.14  
 P.T. STA. = 62+74.54

EXIST. CURVE C96  
 PI STA. = 900+44.63  
 $\Delta = 65^\circ 02' 09''$  (LT)  
 $D = 81^\circ 51' 04''$   
 $R = 70.00'$   
 $T = 44.63'$   
 $L = 79.46'$   
 $E = 13.01'$   
 P.C. STA. = 900+00.00  
 P.T. STA. = 900+79.46

EXIST. CURVE C17  
 PI STA. = 63+85.99  
 $\Delta = 33^\circ 55' 06''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 76.24'$   
 $L = 148.00'$   
 $E = 11.37'$   
 P.C. STA. = 63+09.76  
 P.T. STA. = 64+57.75

EXIST. CURVE C18  
 PI STA. = 66+51.59  
 $\Delta = 40^\circ 09' 05''$  (RT)  
 $D = 13^\circ 28' 53''$   
 $R = 425.00'$   
 $T = 155.32'$   
 $L = 297.83'$   
 $E = 27.49'$   
 P.C. STA. = 64+96.27  
 P.T. STA. = 67+94.10

V.E.C. CONTROL POINT #10  
 N: 586841.53  
 E: 2529030.25  
 ELEVATION: 498.67  
 DESCRIPTION: LANDSCAPE SPIKE

V.E.C. CONTROL POINT #12  
 N: 586383.00  
 E: 2528955.01  
 ELEVATION: 500.08  
 DESCRIPTION: PK NAIL

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 65+00	6
RT 66+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 64+00 - RT 66+86	286

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 61+19 - LT 61+65	80
RT 61+19 - RT 64+00	281
LT 64+07 - LT 66+86	310

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

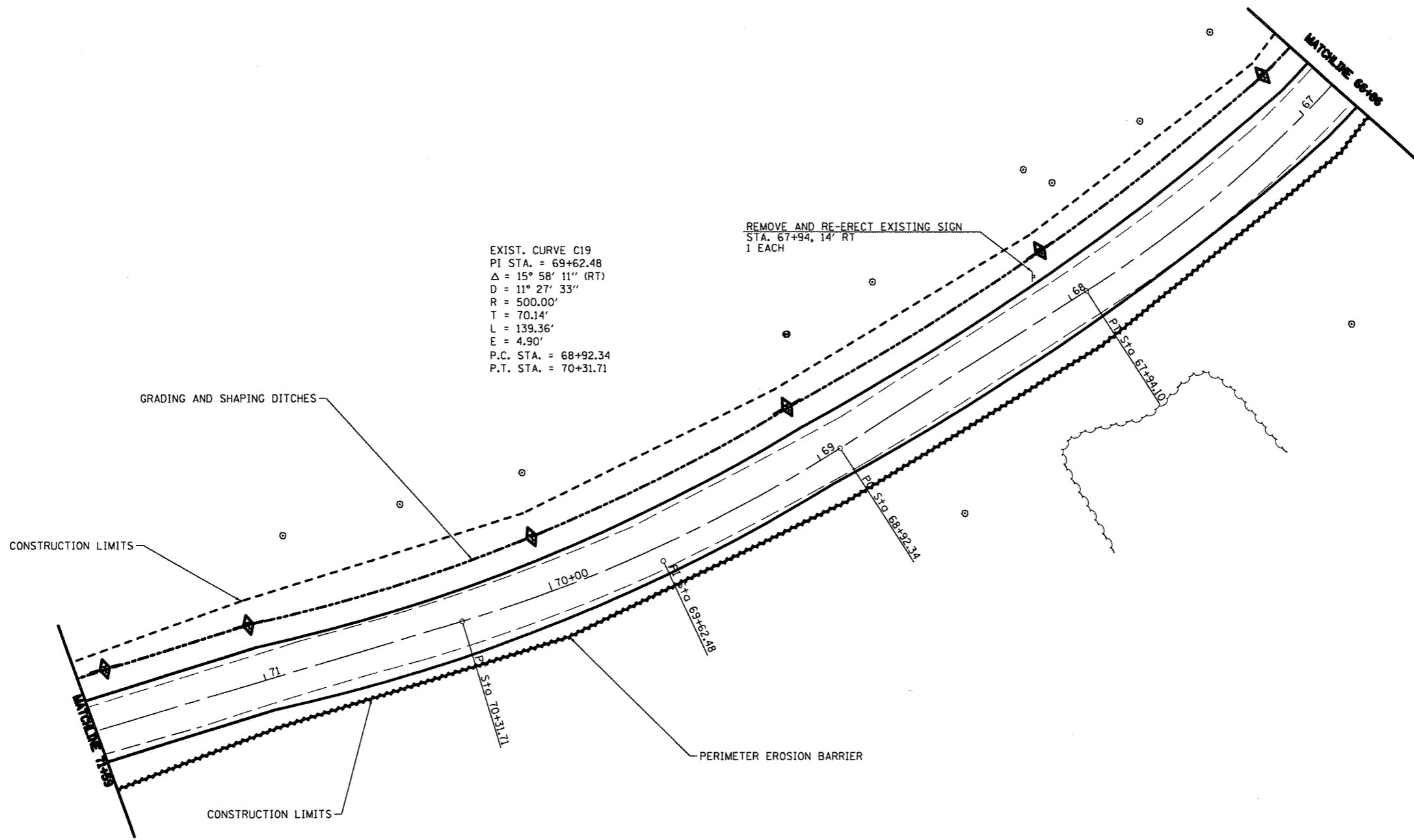
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT	
SCALE: 1" = 20'	SHEET NO. 27 OF 112 SHEETS
STA. 61+19 TO STA. 66+86	

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	27
CONTRACT NO. 46223			
ILLINOIS FED. AID PROJECT			

- TEMPORARY DITCH CHECK  
 - PERIMETER EROSION CONTROL

JOB NO. 250-081-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002007



EXIST. CURVE C19  
 PI STA. = 69+62.48  
 $\Delta = 15^\circ 58' 11''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 70.14'$   
 $L = 139.36'$   
 $E = 4.90'$   
 P.C. STA. = 68+92.34  
 P.T. STA. = 70+31.71

REMOVE AND RE-ERECT EXISTING SIGN  
 STA. 67+94, 14' RT  
 1 EACH

GRADING AND SHAPING DITCHES

CONSTRUCTION LIMITS

CONSTRUCTION LIMITS

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 67+00	6
RT 68+00	6
RT 69+00	6
RT 70+00	6
RT 71+00	6
RT 71+50	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 66+86 - RT 71+59	473

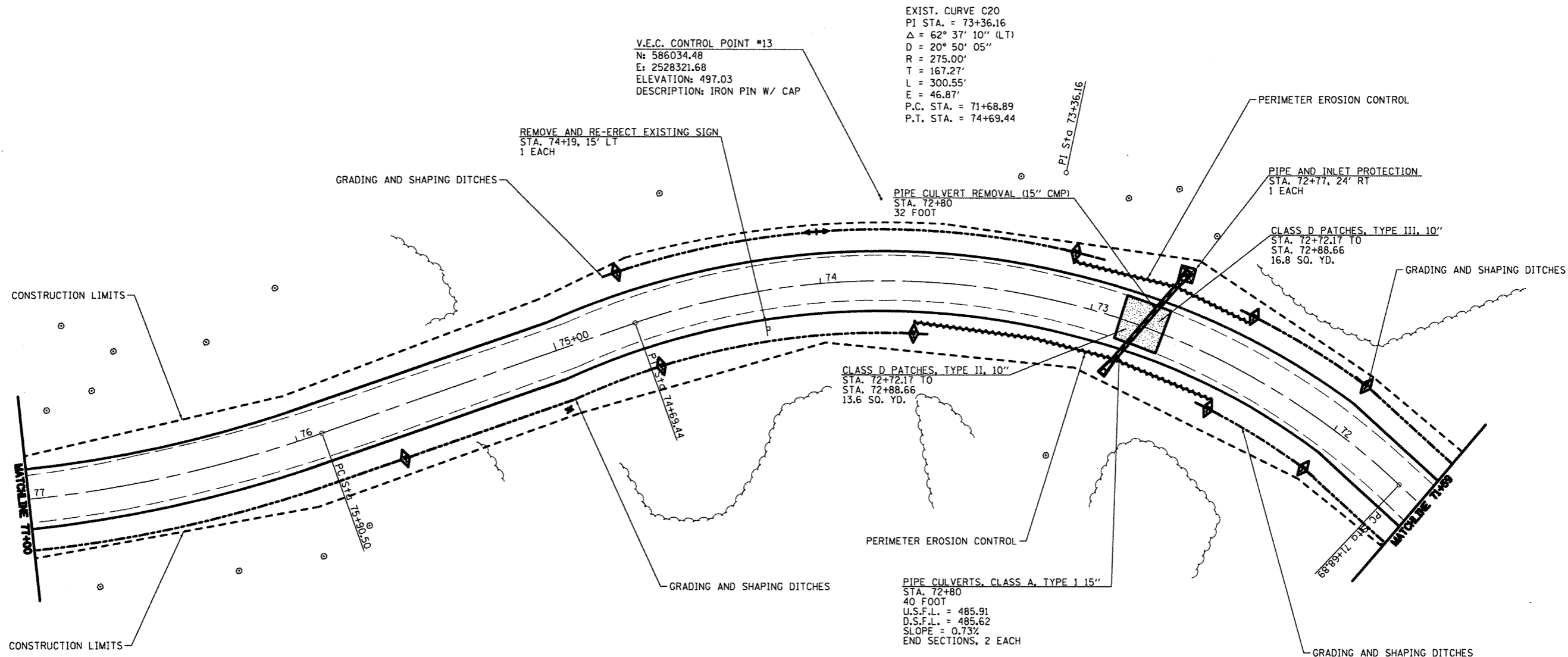
PERIMETER EROSION BARRIER	
STA.	L.F.
LT 66+86 - LT 71+59	473

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA</b> <b>MAIN ALIGNMENT</b>	SCALE: 1" = 20'	SHEET NO. 28 OF 112 SHEETS	STA. 66+86 TO STA. 71+59	ILLINOIS FED. AID PROJECT	
#FILE#	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = #DATE#	CHECKED - R.J.D.	REVISED -			WASHINGTON	112	28	CONTRACT NO. 46223	
		DATE - 4/4/12	REVISED -							

JOB NO. 290-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-000007

TREE REMOVAL		
STA.	OFFSET	SIZE
75+03	22'	30"



TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 72+00	6
LT 72+45	6
RT 72+45	6
RT 73+10	6
LT 73+65	6
RT 74+70	6
LT 74+65	6
LT 75+65	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 71+59 - RT 72+50	91
LT 71+59 - LT 72+50	91
RT 73+00 - RT 74+75	175
LT 73+60 - LT 77+00	340

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 72+45 - LT 73+65	120
RT 72+45 - RT 73+10	65

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA</b> <b>MAIN ALIGNMENT</b>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -				WASHINGTON	112	29
		CHECKED - R.H.D.	REVISED -				CONTRACT NO. 46223		
		DATE - 4/4/12	REVISED -	SCALE: 1" = 20'		SHEET NO. 29 OF 112 SHEETS		STA. 71+00 TO STA. 77+00	

JOB NO. 250-06-W VASCONECLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 04-000077 ILLINOIS PBD. AND PROJECT

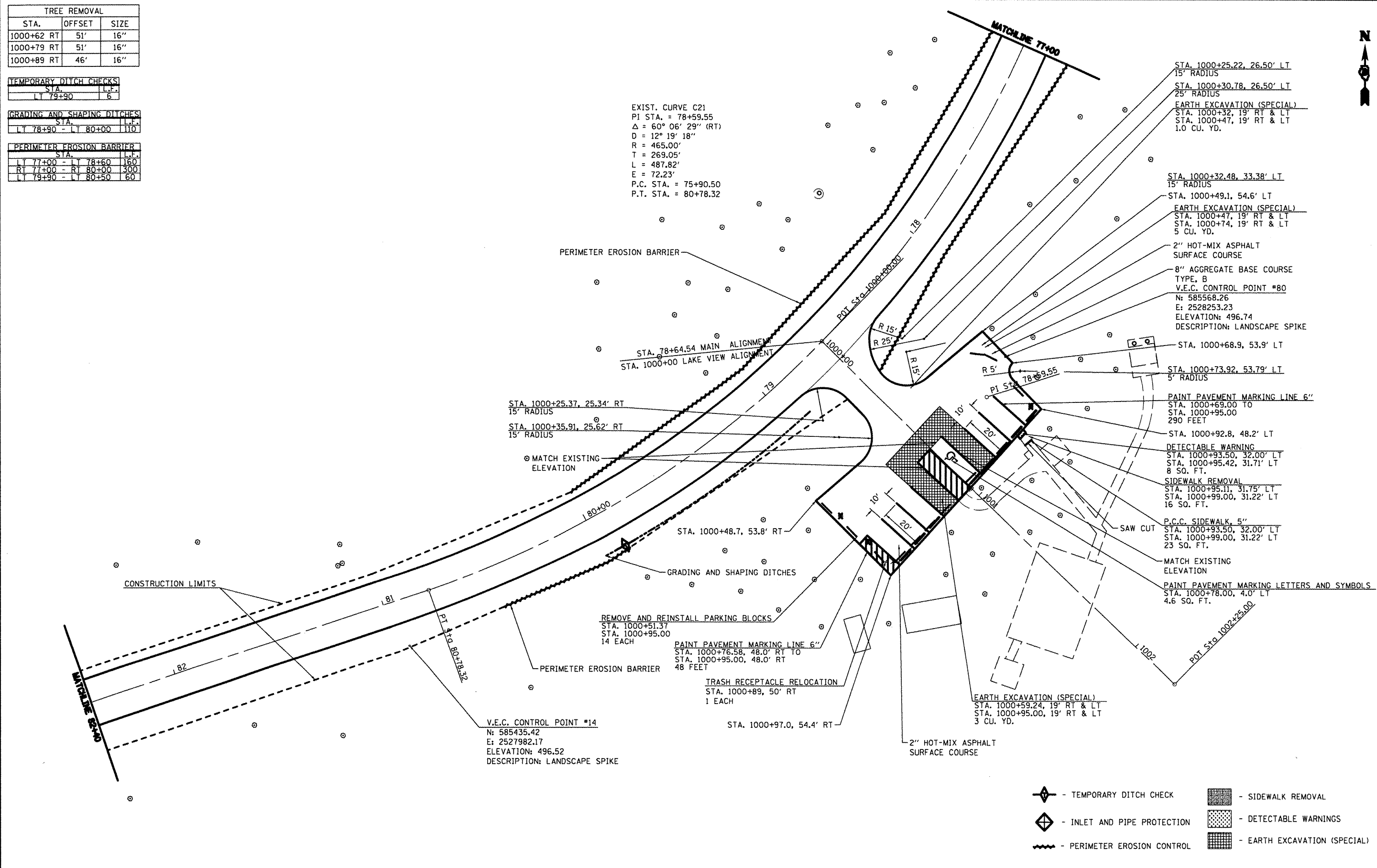
TREE REMOVAL		
STA.	OFFSET	SIZE
1000+62 RT	51'	16"
1000+79 RT	51'	16"
1000+89 RT	46'	16"

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 79+90	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 78+90 - LT 80+00	110

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 77+00 - LT 78+60	160
RT 77+00 - RT 80+00	300
LT 79+90 - LT 80+50	60

EXIST. CURVE C21  
 PI STA. = 78+59.55  
 $\Delta = 60^\circ 06' 29''$  (RT)  
 $D = 12^\circ 19' 18''$   
 $R = 465.00'$   
 $T = 269.05'$   
 $L = 487.82'$   
 $E = 72.23'$   
 P.C. STA. = 75+90.50  
 P.T. STA. = 80+78.32



- STA. 1000+25.22, 26.50' LT  
15' RADIUS
- STA. 1000+30.78, 26.50' LT  
25' RADIUS
- EARTH EXCAVATION (SPECIAL)  
STA. 1000+32, 19' RT & LT  
STA. 1000+47, 19' RT & LT  
1.0 CU. YD.
- STA. 1000+32.48, 33.38' LT  
15' RADIUS
- STA. 1000+49.1, 54.6' LT
- EARTH EXCAVATION (SPECIAL)  
STA. 1000+47, 19' RT & LT  
STA. 1000+74, 19' RT & LT  
5 CU. YD.
- 2" HOT-MIX ASPHALT  
SURFACE COURSE
- 8" AGGREGATE BASE COURSE  
TYPE, B
- V.E.C. CONTROL POINT #80  
N: 585568.26  
E: 2528253.23  
ELEVATION: 496.74  
DESCRIPTION: LANDSCAPE SPIKE
- STA. 1000+68.9, 53.9' LT
- STA. 1000+73.92, 53.79' LT  
5' RADIUS
- PAINT PAVEMENT MARKING LINE 6"  
STA. 1000+69.00 TO  
STA. 1000+95.00  
290 FEET
- STA. 1000+92.8, 48.2' LT
- DETECTABLE WARNING  
STA. 1000+93.50, 32.00' LT  
STA. 1000+95.42, 31.71' LT  
8 SQ. FT.
- SIDEWALK REMOVAL  
STA. 1000+95.11, 31.75' LT  
STA. 1000+99.00, 31.22' LT  
16 SQ. FT.
- P.C.C. SIDEWALK, 5"  
STA. 1000+93.50, 32.00' LT  
STA. 1000+99.00, 31.22' LT  
23 SQ. FT.
- SAW CUT
- MATCH EXISTING  
ELEVATION
- PAINT PAVEMENT MARKING LETTERS AND SYMBOLS  
STA. 1000+78.00, 4.0' LT  
4.6 SQ. FT.

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- SIDEWALK REMOVAL
- DETECTABLE WARNINGS
- EARTH EXCAVATION (SPECIAL)

FILE NAME =	USER NAME = #USER*	DESIGNED - R.J.D.	REVISED -
*FILE*		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE*	CHECKED - R.J.D.	REVISED -
	PLOT DATE = #DATE*	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT / LAKE VIEW ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 30 OF 112 SHEETS    STA. 77+00 TO STA. 82+40

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	30
CONTRACT NO. 46223			

ILLINOIS PBL. AND PROJECT

JOB NO. 260-061-4 VASCANSELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 14-000207



TREE REMOVAL		
STA.	OFFSET	SIZE
86+15.68	13' RT	18"
86+58.27	12.3' RT	18"
86+78.00	16.2' RT	8"
87+47.76	10.5' RT	24"
86+13.50	18' LT	18"
86+98.96	14.6' LT	24"
87+84.42	14.4' LT	24"
88+32.22	12.8' LT	12"

GUARD POST REMOVAL		
STA.	OFFSET	EACH
RT 85+23 - RT 85+32		13
LT 85+70 - LT 89+27		28
RT 86+11 - RT 86+89		13
RT 88+29 - RT 88+85		4

GUARD POST		
STA.	OFFSET	EACH
RT 85+23 - RT 85+32		13
LT 85+70 - LT 89+27		60
RT 86+11 - RT 86+89		14
RT 88+29 - RT 88+85		10

NOTE:  
CONTRACTOR SHALL COORDINATE WITH SITE PERSONNEL FOR GUARD POST PLACEMENT TO PROVIDE ACCESS OF EQUIPMENT

WIDTH TRANSITION  
STA. 89+00 (22 FT) TO  
STA. 89+50 (20 FT)

WOOD SIGN SUPPORT  
STA. 88+80, 17' RT  
14 FT

SIGN PANEL, TYPE 1  
STA. 88+80, 17' RT  
6.25 SQ. FT. (W5-1)

EXIST. CURVE C24  
PI STA. = 88+48.67  
Δ = 15° 10' 54" (RT)  
D = 12° 43' 57"  
R = 450.00'  
T = 59.97'  
L = 119.24'  
E = 3.98'  
P.C. STA. = 87+88.70  
P.T. STA. = 89+07.94

EXIST. CURVE C23  
PI STA. = 86+84.37  
Δ = 8° 44' 08" (LT)  
D = 9° 32' 57"  
R = 600.00'  
T = 45.83'  
L = 91.48'  
E = 1.75'  
P.C. STA. = 86+38.54  
P.T. STA. = 87+30.02

EXIST. CURVE C22  
PI STA. = 84+83.56  
Δ = 72° 09' 05" (LT)  
D = 54° 34' 03"  
R = 105.00'  
T = 76.50'  
L = 132.22'  
E = 24.91'  
P.C. STA. = 84+07.06  
P.T. STA. = 85+39.28

REMOVE AND RE-ERECT EXISTING SIGNS  
STA. 85+73.51, 17.20' LT  
2 EACH

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 85+50	6
RT 86+50	6
LT 86+50	6
RT 87+50	6
LT 87+50	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 84+50 - LT 87+50	300
RT 85+50 - RT 87+50	200

FILE NAME =  
#FILE#

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

DESIGNED - R.J.D.  
DRAWN - J.T.T.  
CHECKED - R.J.D.  
DATE - 4/4/12

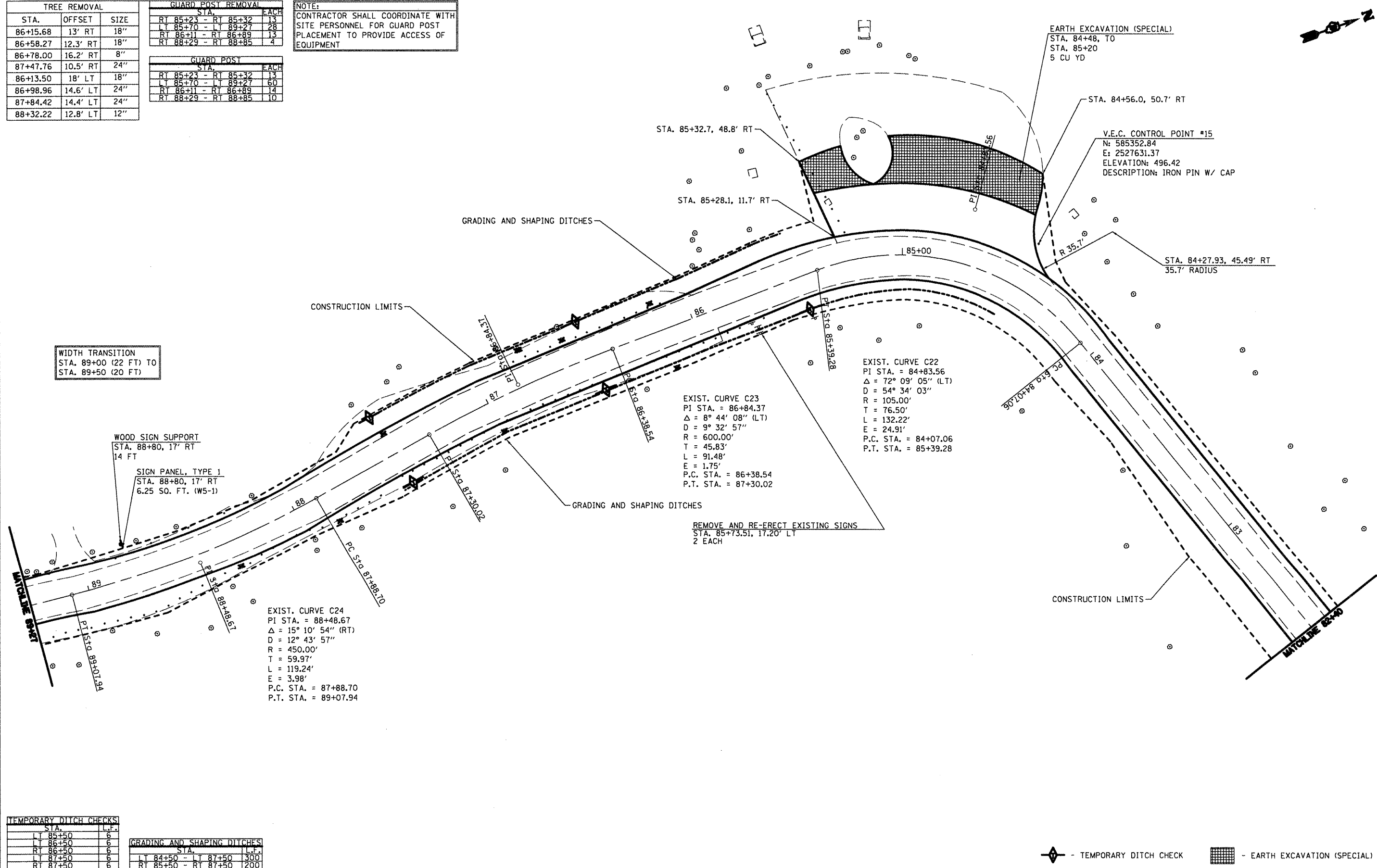
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

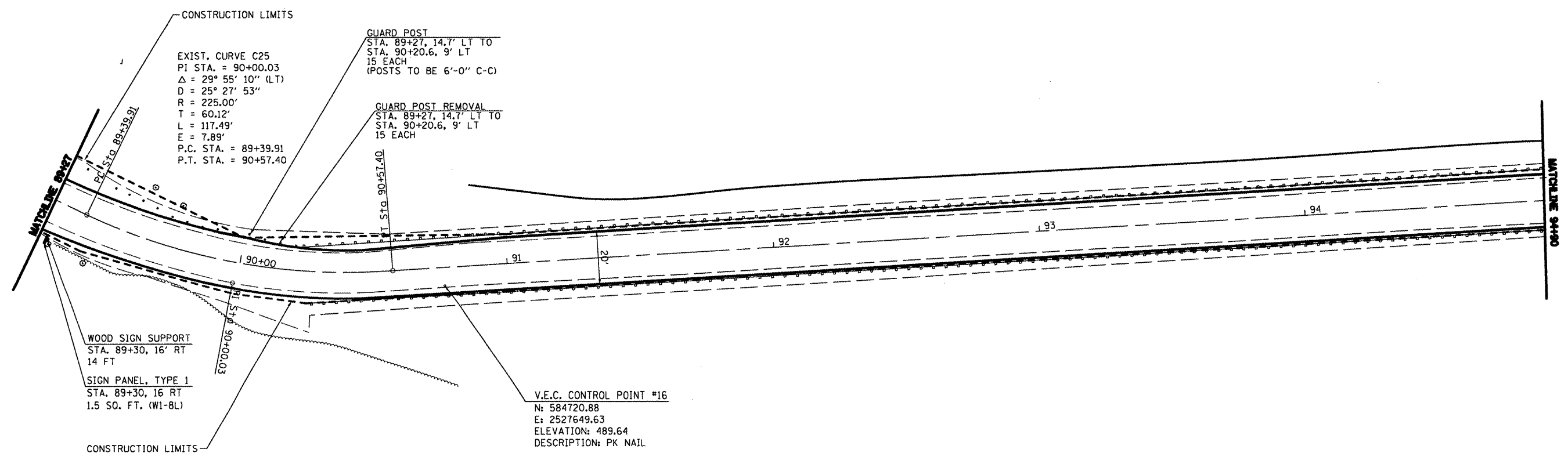
WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT  
SCALE: 1" = 20'  
SHEET NO. 31 OF 112 SHEETS  
STA. 82+40 TO STA. 89+27

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	31

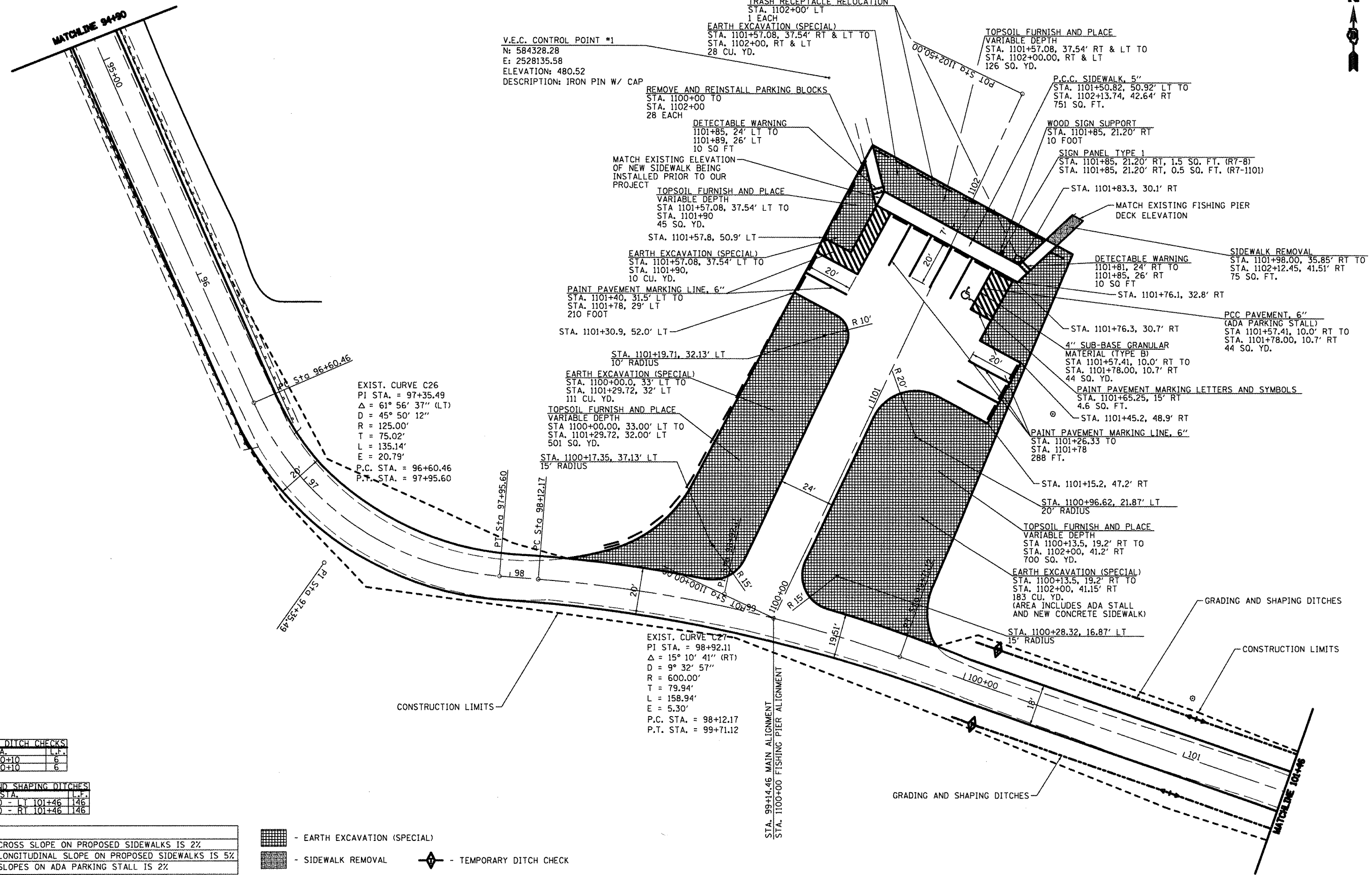
CONTRACT NO. 46223  
ILLINOIS PBL. AID PROJECT



JOB NO. 200-081-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 14-P-000207



FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT	SCALE: 1" = 20'	SHEET NO. 32 OF 112 SHEETS	STA. 89+27 TO STA. 94+00	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#*		DRAWN - J.T.T.	REVISED -						WASHINGTON	112	32	
PLOT SCALE = *SCALE*		CHECKED - R.H.D.	REVISED -						CONTRACT NO. 46223			
PLOT DATE = *DATE*		DATE - 4/4/12	REVISED -						ILLINOIS PBL. AID PROJECT			
									JOB NO. 200-061-F VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002207			



V.E.C. CONTROL POINT #1  
 N: 584328.28  
 E: 2528135.58  
 ELEVATION: 480.52  
 DESCRIPTION: IRON PIN W/ CAP

EXIST. CURVE C26  
 PI STA. = 97+35.49  
 $\Delta = 61^\circ 56' 37''$  (LT)  
 $D = 45^\circ 50' 12''$   
 $R = 125.00'$   
 $T = 75.02'$   
 $L = 135.14'$   
 $E = 20.79'$   
 P.C. STA. = 96+60.46  
 P.T. STA. = 97+95.60

EXIST. CURVE C27  
 PI STA. = 98+92.11  
 $\Delta = 15^\circ 10' 41''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 79.94'$   
 $L = 158.94'$   
 $E = 5.30'$   
 P.C. STA. = 98+12.17  
 P.T. STA. = 99+71.12

TEMPORARY DITCH CHECKS		
STA.	L.F.	
LT 100+10	6	
RT 100+10	6	

GRADING AND SHAPING DITCHES		
STA.	L.F.	
LT 100+00 - LT 101+46	146	
RT 100+00 - RT 101+46	146	

NOTES:  
 MAXIMUM CROSS SLOPE ON PROPOSED SIDEWALKS IS 2%  
 MAXIMUM LONGITUDINAL SLOPE ON PROPOSED SIDEWALKS IS 5%  
 MAXIMUM SLOPES ON ADA PARKING STALL IS 2%

- EARTH EXCAVATION (SPECIAL)
- SIDEWALK REMOVAL
- TEMPORARY DITCH CHECK

FILE NAME :	USER NAME : #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

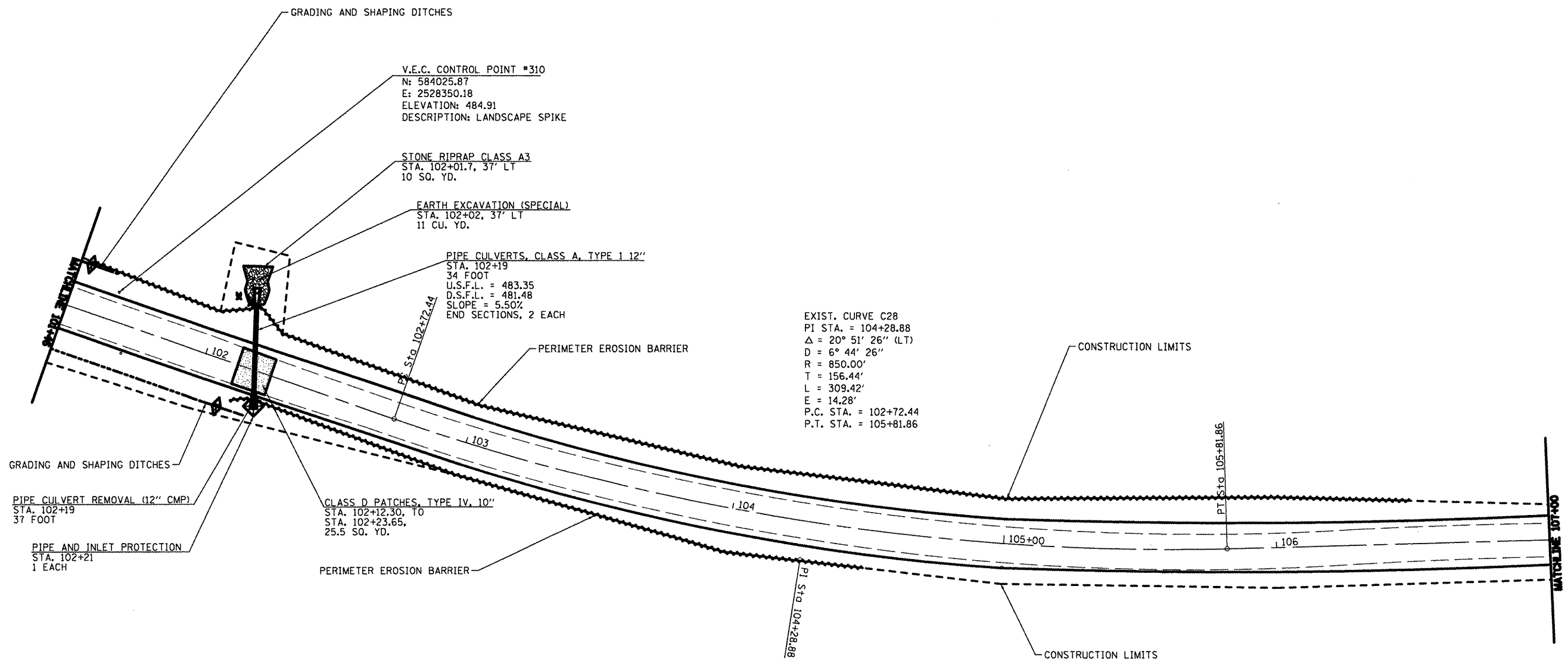
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT /FISHING PIER ALIGNMENT  
 SCALE: 1"=20'  
 SHEET NO. 33 OF 112 SHEETS  
 STA. 94+90 TO STA. 101+46

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	33
CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT	

JOB NO. 250-063-F VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

TREE REMOVAL		
STA.	OFFSET	SIZE
102+04 LT	24'	12"
102+09 LT	23'	12"



V.E.C. CONTROL POINT #310  
 N: 584025.87  
 E: 2528350.18  
 ELEVATION: 484.91  
 DESCRIPTION: LANDSCAPE SPIKE

STONE RIPRAP CLASS A3  
 STA. 102+01.7, 37' LT  
 10 SQ. YD.

EARTH EXCAVATION (SPECIAL)  
 STA. 102+02, 37' LT  
 11 CU. YD.

PIPE CULVERTS, CLASS A, TYPE 1 12"  
 STA. 102+19  
 34 FOOT  
 U.S.F.L. = 483.35  
 D.S.F.L. = 481.48  
 SLOPE = 5.50%  
 END SECTIONS, 2 EACH

EXIST. CURVE C28  
 PI STA. = 104+28.88  
 $\Delta = 20^\circ 51' 26''$  (LT)  
 D = 6° 44' 26"  
 R = 850.00'  
 T = 156.44'  
 L = 309.42'  
 E = 14.28'  
 P.C. STA. = 102+72.44  
 P.T. STA. = 105+81.86

PIPE CULVERT REMOVAL (12" CMP)  
 STA. 102+19  
 37 FOOT

PIPE AND INLET PROTECTION  
 STA. 102+21  
 1 EACH

CLASS D PATCHES, TYPE IV, 10"  
 STA. 102+12.30, TO  
 STA. 102+23.65,  
 25.5 SQ. YD.

TEMPORARY DITCH CHECKS		GRADING AND SHAPING DITCHES		PERIMETER EROSION BARRIER	
STA.	L.F.	STA.	L.F.	STA.	L.F.
LT 101+50	6	LT 101+46 - LT 101+60	14	LT 101+50 - LT 106+50	500
RT 102+10	6	RT 101+46 - RT 102+20	74	RT 102+10 - RT 104+50	240

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

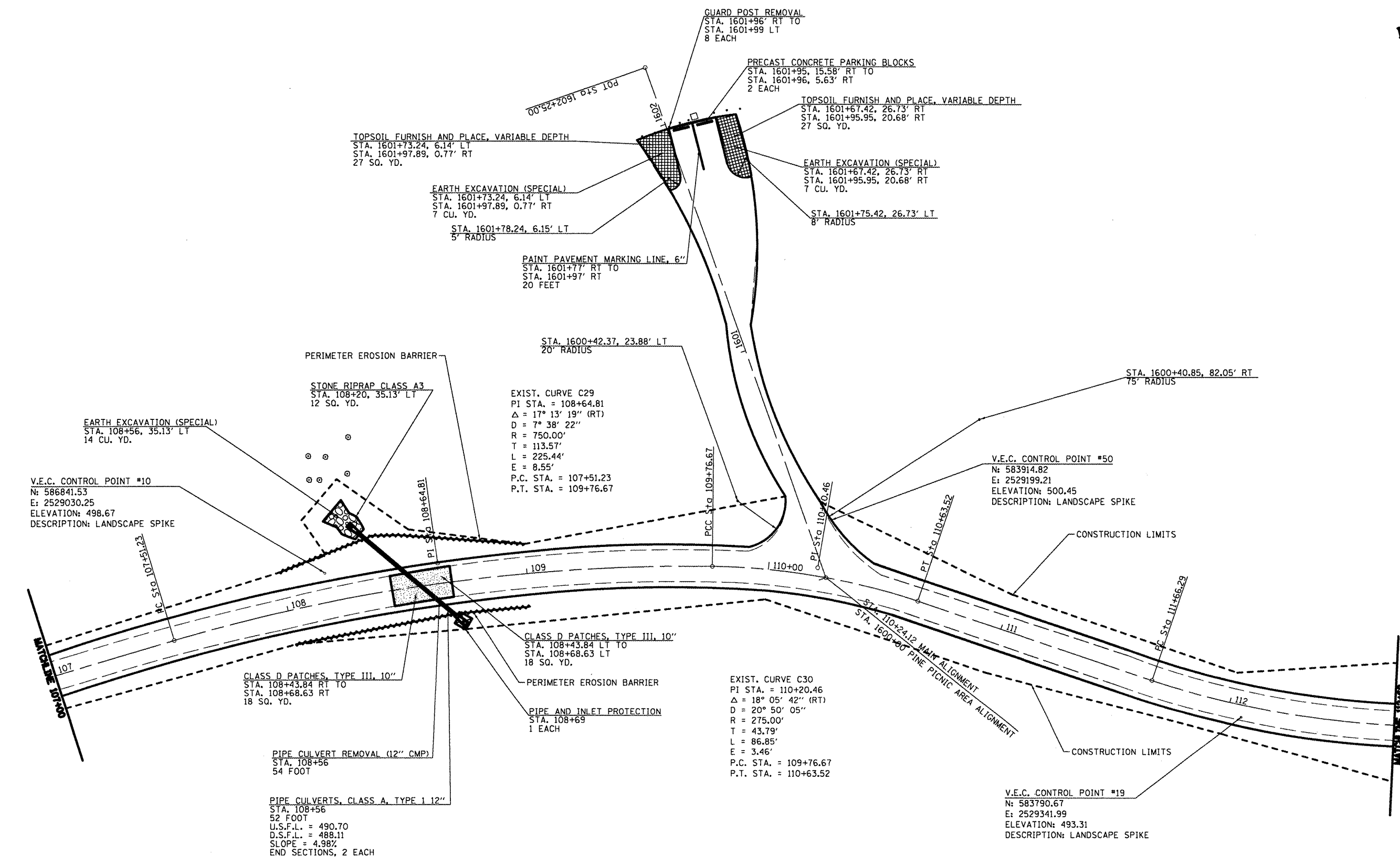
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 34 OF 112 SHEETS    STA. 101+46 TO STA. 107+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	34
		CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT			

JOB NO. 250-081-# VASCORCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 04-00207



PERIMETER EROSION BARRIER	STA.	L.F.
	LT 108+00 - LT 109+00	100
	RT 108+00 - RT 109+00	100

- INLET AND PIPE PROTECTION
- EARTH EXCAVATION (SPECIAL)
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT</b>	
SCALE: 1" = 20'	SHEET NO. 35 OF 112 SHEETS
STA. 107+00 TO STA. 112+00	

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	35
CONTRACT NO. 46223			
ILLINOIS FISH AND WILDLIFE PROJECT			

JOB NO. 200-061-# VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

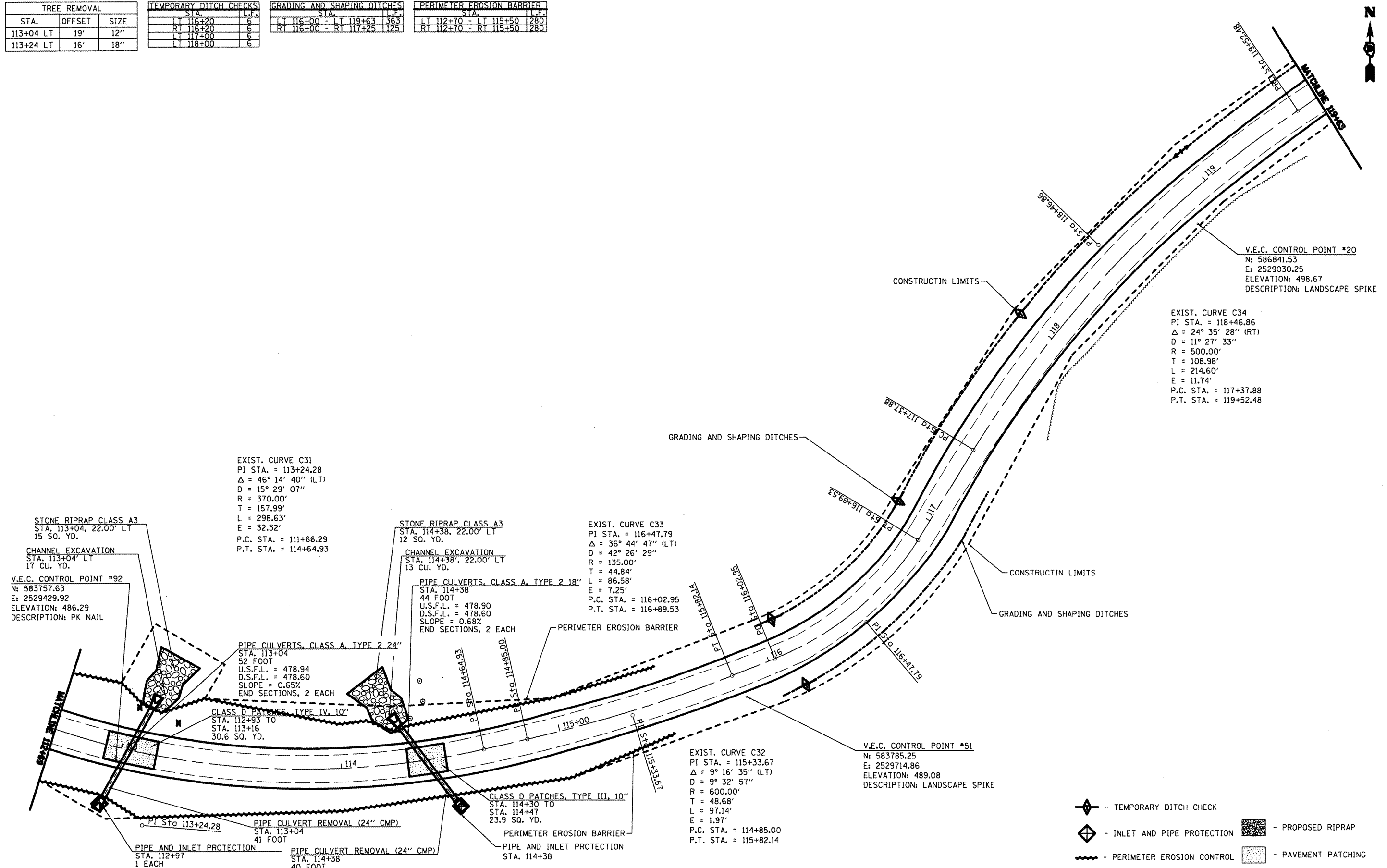


TREE REMOVAL		
STA.	OFFSET	SIZE
113+04 LT	19'	12"
113+24 LT	16'	18"

TEMPORARY DITCH CHECKS	
STA.	LT.
116+20	6
116+20	6
117+00	6
118+00	6

GRADING AND SHAPING DITCHES		
STA.	LT.	LT.
116+00	119+63	363
116+00	117+25	125

PERIMETER EROSION BARRIER		
STA.	LT.	LT.
112+70	115+50	280
112+70	115+50	280



FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.J.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

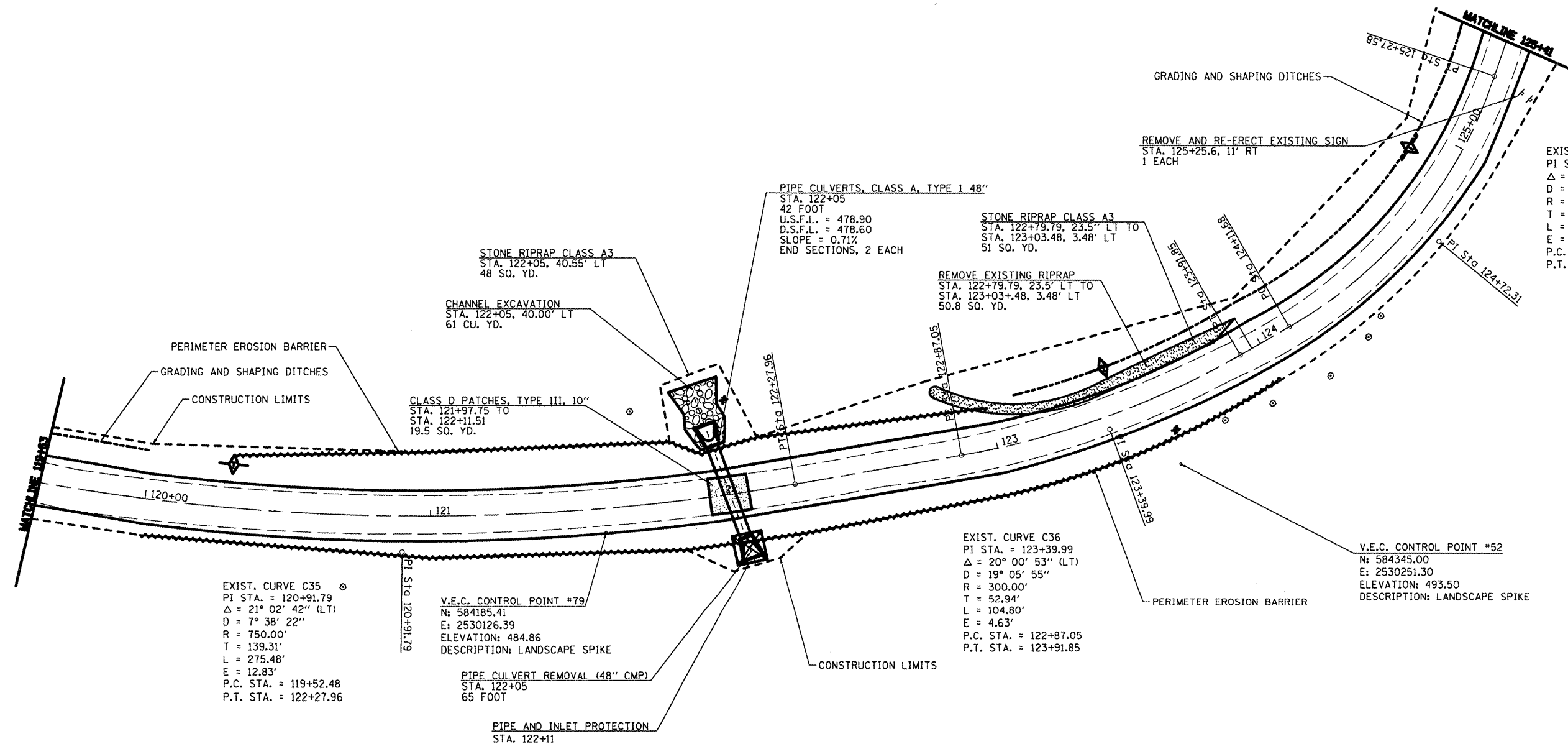
WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT  
SCALE: 1" = 20' SHEET NO. 36 OF 112 SHEETS STA. 112+69 TO STA. 119+63

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	36
		CONTRACT NO. 46223	

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 184-00207

TREE REMOVAL		
STA.	OFFSET	SIZE
122+07 LT	33'	24"
123+60 RT	13'	12"



EXIST. CURVE C37  
 PI STA. = 124+72.31  
 $\Delta = 41^\circ 30' 11''$  (LT)  
 $D = 35^\circ 48' 36''$   
 $R = 160.00'$   
 $T = 60.62'$   
 $L = 115.90'$   
 $E = 11.10'$   
 P.C. STA. = 124+11.68  
 P.T. STA. = 125+27.58

EXIST. CURVE C35  
 PI STA. = 120+91.79  
 $\Delta = 21^\circ 02' 42''$  (LT)  
 $D = 7^\circ 38' 22''$   
 $R = 750.00'$   
 $T = 139.31'$   
 $L = 275.48'$   
 $E = 12.83'$   
 P.C. STA. = 119+52.48  
 P.T. STA. = 122+27.96

V.E.C. CONTROL POINT #79  
 $N = 584185.41$   
 $E = 2530126.39$   
 ELEVATION: 484.86  
 DESCRIPTION: LANDSCAPE SPIKE

EXIST. CURVE C36  
 PI STA. = 123+39.99  
 $\Delta = 20^\circ 00' 53''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 52.94'$   
 $L = 104.80'$   
 $E = 4.63'$   
 P.C. STA. = 122+87.05  
 P.T. STA. = 123+91.85

V.E.C. CONTROL POINT #52  
 $N = 584345.00$   
 $E = 2530251.30$   
 ELEVATION: 493.50  
 DESCRIPTION: LANDSCAPE SPIKE

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 120+30	6
LT 123+95	6
LT 124+90	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 119+63 - LT 120+00	37
LT 123+10 - LT 125+41	231

PERIMETER EROSION BARRIER	
STA.	L.F.
RT 120+00 - RT 124+00	400
LT 120+50 - LT 123+00	270

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
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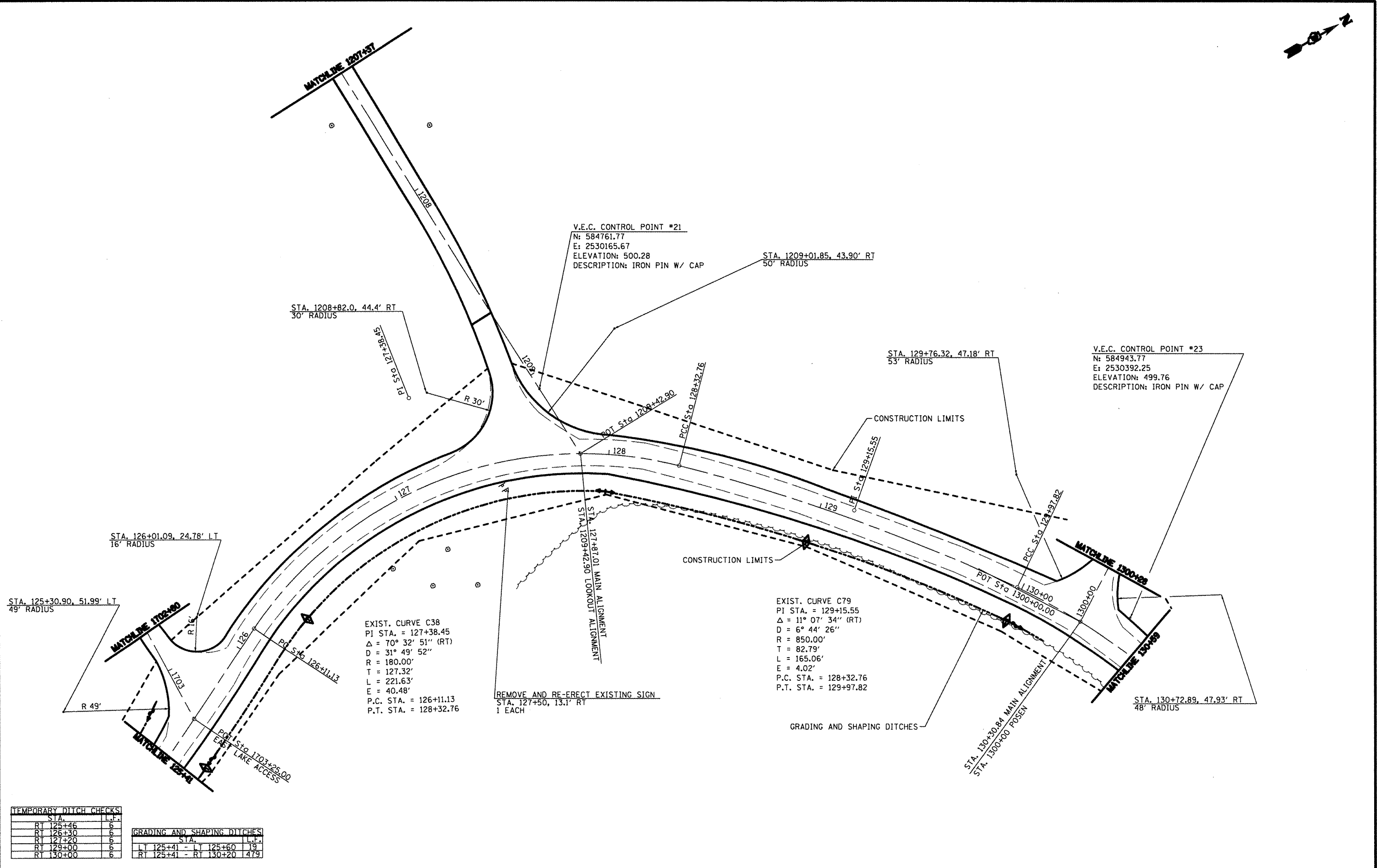
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 37 OF 112 SHEETS    STA. 119+63 TO STA. 125+41

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	37
		CONTRACT NO. 46223	

JOB NO. 200-064-W VASCONEVELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-002007



EXIST. CURVE C38  
 PI STA. = 127+38.45  
 $\Delta = 70^\circ 32' 51''$  (RT)  
 $D = 31^\circ 49' 52''$   
 $R = 180.00'$   
 $T = 127.32'$   
 $L = 221.63'$   
 $E = 40.48'$   
 P.C. STA. = 126+11.13  
 P.T. STA. = 128+32.76

EXIST. CURVE C79  
 PI STA. = 129+15.55  
 $\Delta = 11^\circ 07' 34''$  (RT)  
 $D = 6^\circ 44' 26''$   
 $R = 850.00'$   
 $T = 82.79'$   
 $L = 165.06'$   
 $E = 4.02'$   
 P.C. STA. = 128+32.76  
 P.T. STA. = 129+97.82

TEMPORARY DITCH CHECKS:

STA.	L.F.
RT 125+46	6
RT 126+30	6
RT 127+20	6
RT 129+00	6
RT 130+00	6

GRADING AND SHAPING DITCHES:

STA.	L.F.
LT 125+41 - LT 125+60	19
RT 125+41 - RT 130+20	479

FILE NAME =	USER NAME = *USER*	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - R.J.D.	REVISED -
	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT/LOOKOUT ALIGNMENT/LAKE ACCESS ALIGNMENT 1  
 SCALE: 1" = 20' SHEET NO. 38 OF 112 SHEETS STA. 125+41 TO STA. 130+69

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	38
CONTRACT NO. 46223			ILLINOIS PBL. AID PROJECT	

JOB NO. 250-061-W VASCCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002017

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 132+85	6
RT 133+75	6
RT 135+45	6
RT 136+25	6
RT 136+90	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
RT 132+75 - RT 137+00	425

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 130+60 - LT 132+50	190
RT 131+00 - RT 132+85	185
LT 135+00 - LT 137+42	242
RT 136+90 - RT 137+50	60



V.E.C. CONTROL POINT #26  
 N: 585228.37  
 E: 2530916.64  
 ELEVATION: 491.17  
 DESCRIPTION: IRON PIN W/ CAP

EARTH EXCAVATION (SPECIAL)  
 STA. 137+11, 12' LT  
 48 CU. YD.

STONE RIPRAP CLASS A3  
 STA. 137+11, 12' LT  
 36 SQ. YD.

END SECTION  
 STA. 137+11,  
 2 EACH

INLET AND PIPE PROTECTION  
 STA. 137+11  
 1 EACH

EXIST. CURVE C42  
 PI STA. = 135+72.79  
 $\Delta = 59^\circ 34' 59''$  (LT)  
 D = 42° 26' 29"  
 R = 135.00'  
 T = 77.29'  
 L = 140.39'  
 E = 20.56'  
 P.C. STA. = 134+95.50  
 P.T. STA. = 136+35.89

CONSTRUCTION LIMITS

EARTH EXCAVATION (SPECIAL)  
 STA. 131+80, 18.6' LT  
 6 CU. YD.

STONE RIPRAP CLASS A3  
 STA. 131+80, 18.6' LT  
 10 SQ. YD.

PIPE CULVERTS, CLASS A, TYPE 1 12"  
 STA. 131+80  
 32 FOOT  
 U.S.F.L. = 492.19  
 D.S.F.L. = 491.33  
 SLOPE = 2.69%  
 END SECTIONS, 2 EACH

PIPE CULVERT REMOVAL (12" CMP)  
 STA. 131+80  
 40 FOOT

CLASS D PATCHES, TYPE II, 10"  
 STA. 131+75.77 TO  
 STA. 131+83.83  
 5.7 SQ. YD.

CLASS D PATCHES, TYPE I, 10"  
 STA. 131+75.77 TO  
 STA. 131+83.83  
 4.5 SQ. YD.

EXIST. CURVE C39  
 PI STA. = 130+73.18  
 $\Delta = 28^\circ 12' 07''$  (RT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 75.36'  
 L = 147.66'  
 E = 9.32'  
 P.C. STA. = 129+97.82  
 P.T. STA. = 131+45.48

INLET AND PIPE PROTECTION  
 STA. 131+80  
 1 EACH

CONSTRUCTION LIMITS

EXIST. CURVE C40  
 PI STA. = 133+76.74  
 $\Delta = 6^\circ 41' 32''$  (LT)  
 D = 5° 43' 46"  
 R = 1,000.00'  
 T = 58.47'  
 L = 116.80'  
 E = 1.71'  
 P.C. STA. = 133+18.27  
 P.T. STA. = 134+35.07

EXIST. CURVE C41  
 PI STA. = 134+65.39  
 $\Delta = 11^\circ 32' 25''$  (LT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 30.32'  
 L = 60.43'  
 E = 1.53'  
 P.C. STA. = 134+35.07  
 P.T. STA. = 134+95.7

V.E.C. CONTROL POINT #25  
 N: 585015.96  
 E: 2530861.10  
 ELEVATION: 491.71  
 DESCRIPTION: IRON PIN W/ CAP

- PROPOSED RIPRAP  
 - PAVEMENT PATCHING

FILE NAME =  
 #FILE#

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

DESIGNED - R.H.D.	REVISED -
DRAWN - J.T.T.	REVISED -
CHECKED - R.H.D.	REVISED -
DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT

SCALE: 1" = 20' SHEET NO. 39 OF 112 SHEETS STA. 130+89 TO STA. 137+82

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	39
		CONTRACT NO. 46223	
ILLINOIS PBL. AND PROJECT			

JOB NO. 250-062-R VASCONCELLES ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 194-002017

TREE REMOVAL		
STA.	OFFSET	SIZE
141+97 RT	15'	12"
141+99 RT	42'	12"
142+15 RT	44'	24"



EXIST. CURVE C45  
 PI STA. = 143+11.50  
 $\Delta = 36^\circ 35' 11''$  (RT)  
 $D = 16^\circ 22' 13''$   
 $R = 350.00'$   
 $T = 115.71'$   
 $L = 223.49'$   
 $E = 18.63'$   
 P.C. STA. = 141+95.79  
 P.T. STA. = 144+19.29

PIPE CULVERT REMOVAL (18" PLASTIC)  
 STA. 141+97  
 40 FOOT

V.E.C. CONTROL POINT #27  
 N: 585524.16  
 E: 2530808.81  
 ELEVATION: 496.09  
 DESCRIPTION: LANDSCAPE SPIKE

CLASS D PATCHES, TYPE II, 10"  
 STA. 141+92 TO  
 STA. 142+03  
 12.9 SO. YD.

PIPE CULVERTS, CLASS A, TYPE 2 18"  
 STA. 141+97  
 42 FOOT  
 U.S.F.L. = 488.95  
 D.S.F.L. = 486.13  
 SLOPE = 6.71%  
 END SECTIONS, 2 EACH

EARTH EXCAVATION (SPECIAL)  
 STA. 141+97, 21.76' LT  
 40 CU. YD.

PIPE AND INLET PROTECTION  
 STA. 141+97

STONE RIPRAP CLASS A3  
 STA. 141+97, 21.76' LT  
 30 SO. YD.

EXIST. CURVE C43  
 PI STA. = 137+15.48  
 $\Delta = 29^\circ 43' 03''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 79.59'$   
 $L = 155.60'$   
 $E = 10.38'$   
 P.C. STA. = 136+35.89  
 P.T. STA. = 137+91.49

EXIST. CURVE C44  
 PI STA. = 140+17.25  
 $\Delta = 20^\circ 09' 36''$  (RT)  
 $D = 10^\circ 25' 03''$   
 $R = 550.00'$   
 $T = 97.77'$   
 $L = 193.52'$   
 $E = 8.62'$   
 P.C. STA. = 139+19.48  
 P.T. STA. = 141+13.00

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 137+90	6
RT 137+90	6
LT 138+90	6
RT 138+90	6
LT 140+80	6
RT 140+80	6
LT 141+60	6
RT 141+60	6
LT 142+45	6
RT 142+45	6
LT 142+60	6
RT 142+60	6
LT 143+30	6
RT 143+30	6
LT 143+25	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 138+00 - LT 141+00	300
RT 138+00 - RT 141+80	380
LT 142+35 - RT 143+46	111
LT 142+50 - LT 143+46	96

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 141+60 - LT 142+60	100
RT 141+70 - RT 142+45	75

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =  
 #FILE#

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

DESIGNED - R.H.D.    REVISIONS -  
 DRAWN - J.T.T.    REVISIONS -  
 CHECKED - R.H.D.    REVISIONS -  
 DATE - 4/4/12    REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT

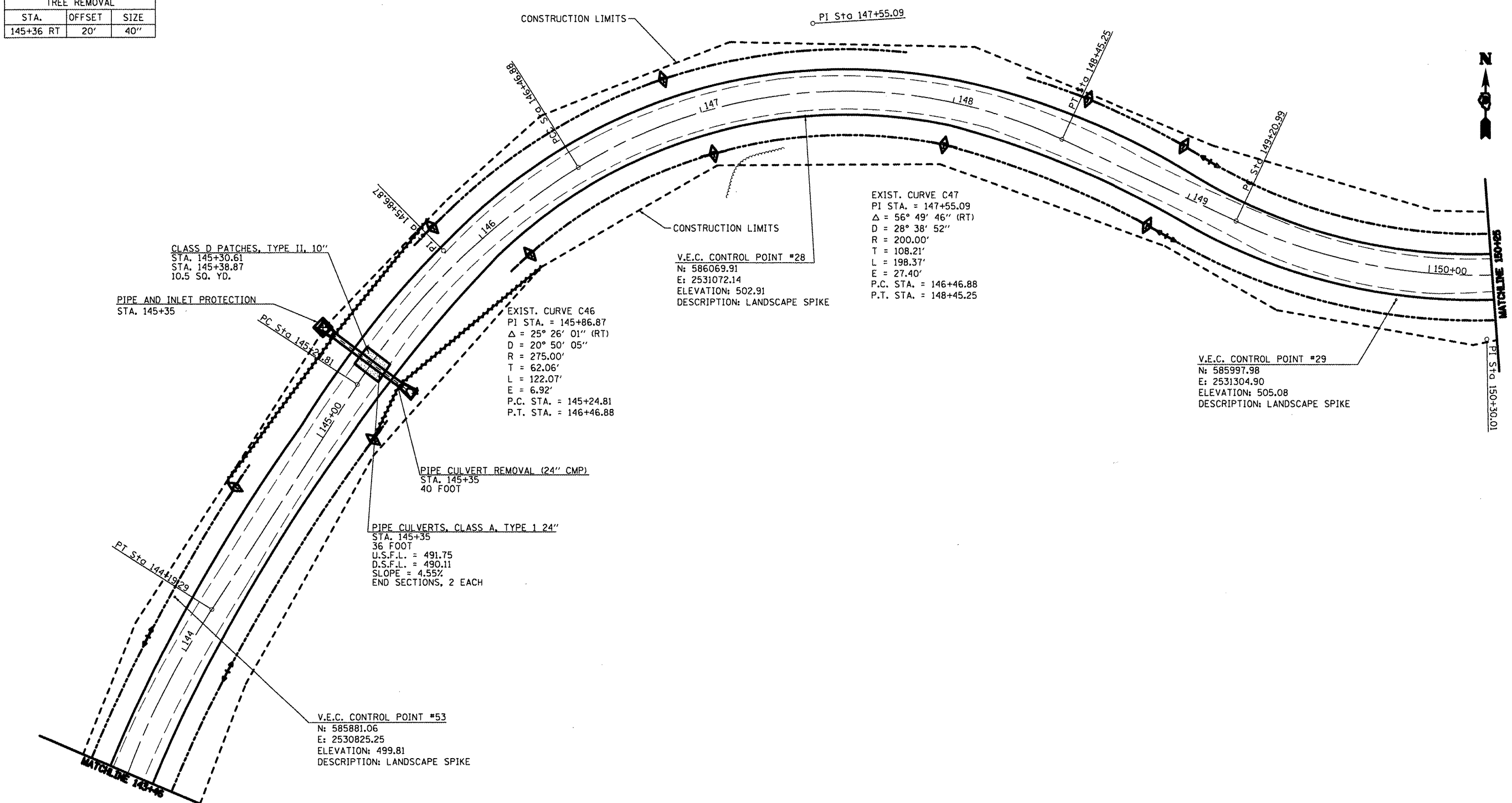
SCALE: 1" = 20'    SHEET NO. 40 OF 112 SHEETS    STA. 137+42 TO STA. 143+46

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	40
		CONTRACT NO. 46223	
ILLINOIS PBL. AND PROJECT			

JOB NO. 200-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002507



TREE REMOVAL		
STA.	OFFSET	SIZE
145+36 RT	20'	40"



TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 144+65	6
RT 145+10	6
LT 145+90	6
RT 146+10	6
LT 146+90	6
RT 147+00	6
LT 148+00	6
RT 148+40	6
LT 149+90	6
RT 149+90	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 143+46 - LT 144+75	129
RT 143+46 - RT 145+20	174
LT 145+80 - LT 147+80	200
RT 146+00 - RT 150+25	425
LT 148+30 - LT 150+25	195

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 144+65 - LT 145+90	125
RT 145+10 - RT 146+10	100

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -
*FILEL*		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

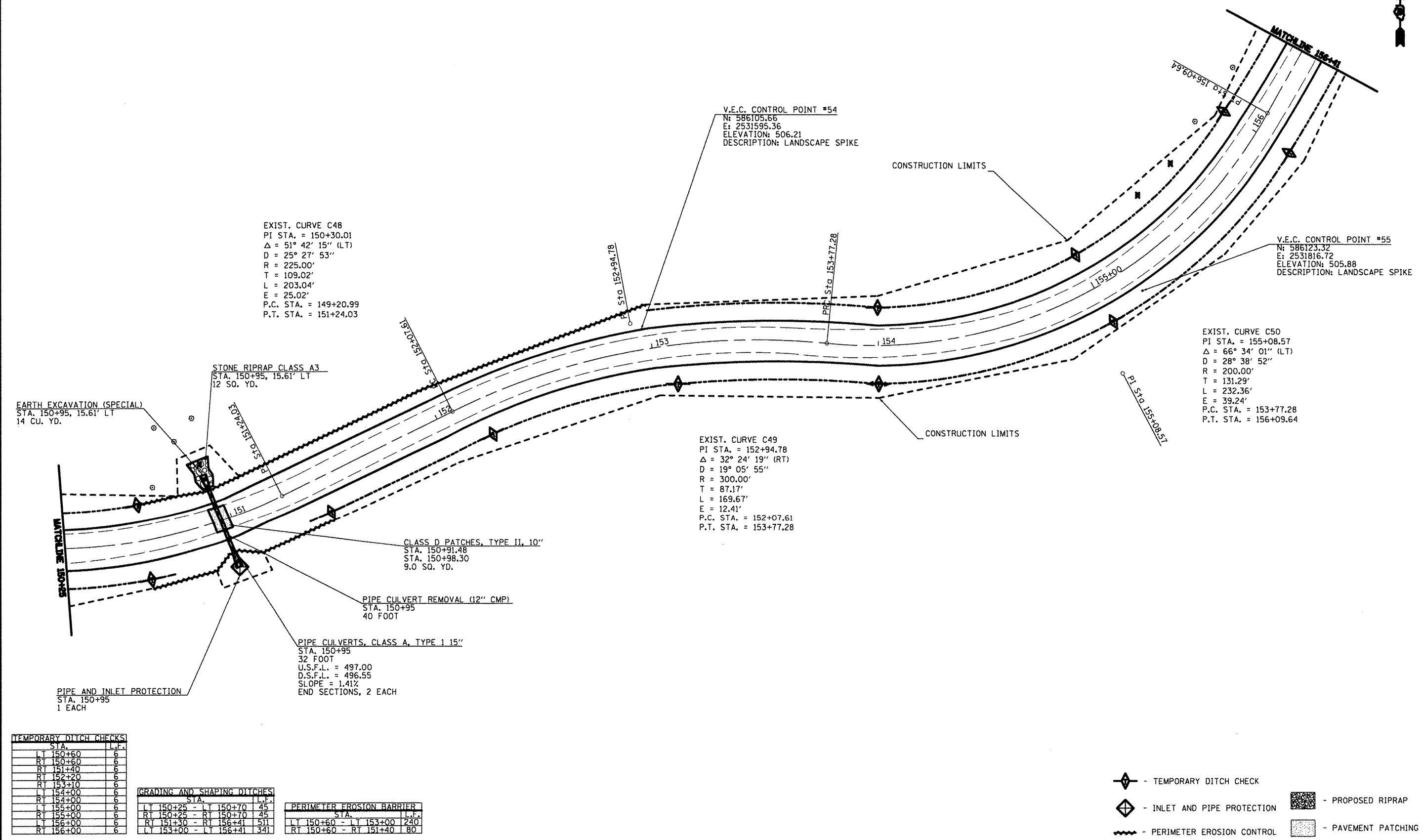
**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 41 OF 112 SHEETS    STA. 143+46 TO STA. 150+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	41
		CONTRACT NO. 46223	

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000207

TREE REMOVAL		
STA.	OFFSET	SIZE
150+94 LT	27'	16"



EXIST. CURVE C48  
 PI STA. = 150+30.01  
 $\Delta = 51^\circ 42' 15''$  (LT)  
 $D = 25^\circ 27' 53''$   
 $R = 225.00'$   
 $T = 109.02'$   
 $L = 203.04'$   
 $E = 25.02'$   
 P.C. STA. = 149+20.99  
 P.T. STA. = 151+24.03

EXIST. CURVE C50  
 PI STA. = 155+08.57  
 $\Delta = 66^\circ 34' 01''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 131.29'$   
 $L = 232.36'$   
 $E = 39.24'$   
 P.C. STA. = 153+77.28  
 P.T. STA. = 156+09.64

EXIST. CURVE C49  
 PI STA. = 152+94.78  
 $\Delta = 32^\circ 24' 19''$  (RT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 87.17'$   
 $L = 169.67'$   
 $E = 12.41'$   
 P.C. STA. = 152+07.61  
 P.T. STA. = 153+77.28

STONE RIPRAP CLASS A3  
 STA. 150+95, 15.61' LT  
 12 SQ. YD.

EARTH EXCAVATION (SPECIAL)  
 STA. 150+95, 15.61' LT  
 14 CU. YD.

CLASS D PATCHES, TYPE II, 10"  
 STA. 150+91.48  
 STA. 150+98.30  
 9.0 SQ. YD.

PIPE CULVERT REMOVAL (12" CMP)  
 STA. 150+95  
 40 FOOT

PIPE CULVERTS, CLASS A, TYPE 1 15"  
 STA. 150+95  
 32 FOOT  
 U.S.F.L. = 497.00  
 D.S.F.L. = 496.55  
 SLOPE = 1.41%  
 END SECTIONS, 2 EACH

PIPE AND INLET PROTECTION  
 STA. 150+95  
 1 EACH

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 150+60	6
RT 150+60	6
RT 151+40	6
RT 152+20	6
RT 153+10	6
LT 154+00	6
RT 154+00	6
LT 155+00	6
RT 155+00	6
LT 156+00	6
RT 156+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 150+25 - LT 150+70	45
RT 150+25 - RT 150+70	45
LT 151+30 - RT 156+41	511
LT 153+00 - LT 156+41	341

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 150+60 - LT 153+00	240
RT 150+60 - RT 151+40	80

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

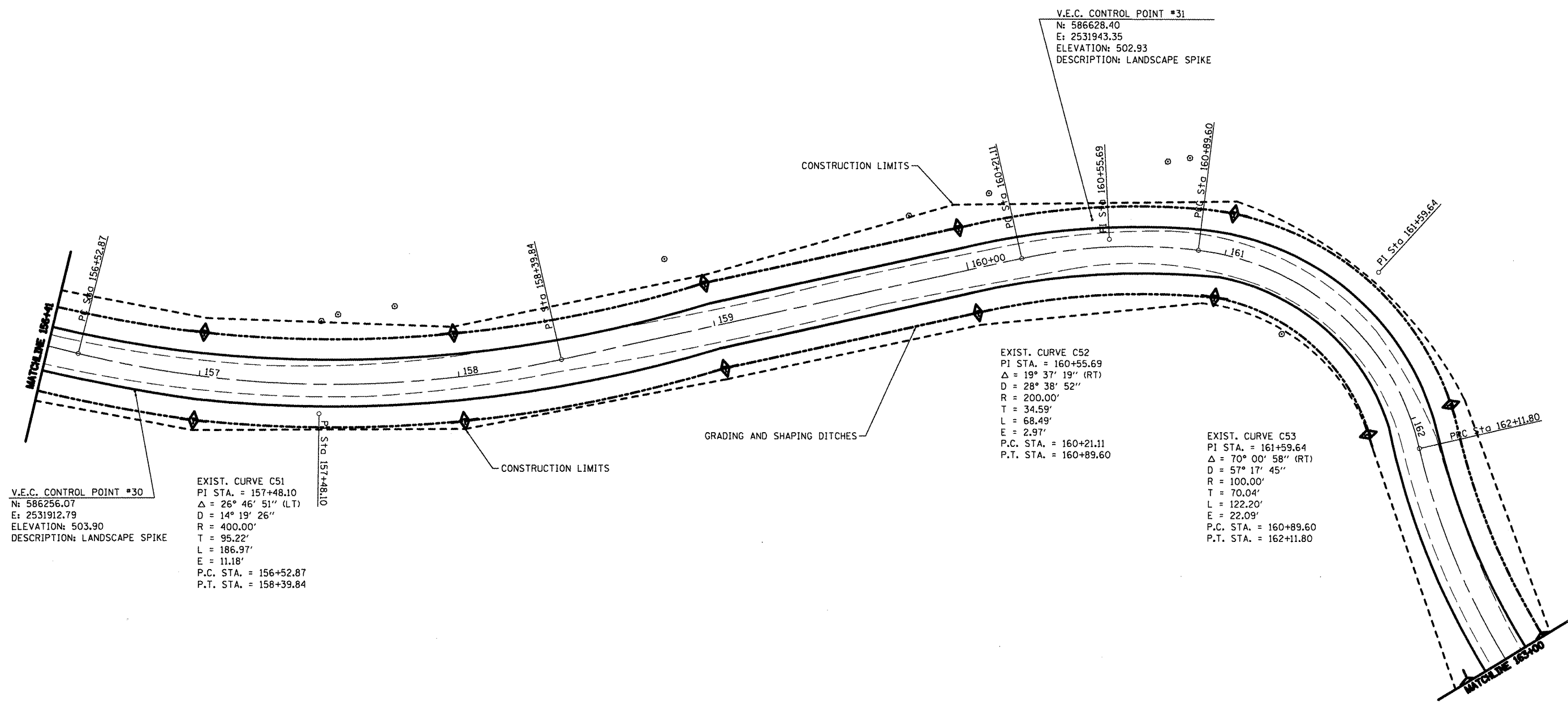
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT	
SCALE: 1" = 20'	SHEET NO. 42 OF 112 SHEETS
STA. 150+25 TO STA. 156+41	

F.A. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	42
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

JOB NO. 250-081-W VASCORCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002017



V.E.C. CONTROL POINT #30  
 N: 586256.07  
 E: 2531912.79  
 ELEVATION: 503.90  
 DESCRIPTION: LANDSCAPE SPIKE

EXIST. CURVE C51  
 PI STA. = 157+48.10  
 $\Delta = 26^\circ 46' 51''$  (LT)  
 D = 14' 19' 26"  
 R = 400.00'  
 T = 95.22'  
 L = 186.97'  
 E = 11.18'  
 P.C. STA. = 156+52.87  
 P.T. STA. = 158+39.84

GRADING AND SHAPING DITCHES

EXIST. CURVE C52  
 PI STA. = 160+55.69  
 $\Delta = 19^\circ 37' 19''$  (RT)  
 D = 28' 38' 52"  
 R = 200.00'  
 T = 34.59'  
 L = 68.49'  
 E = 2.97'  
 P.C. STA. = 160+21.11  
 P.T. STA. = 160+89.60

EXIST. CURVE C53  
 PI STA. = 161+59.64  
 $\Delta = 70^\circ 00' 58''$  (RT)  
 D = 57' 17' 45"  
 R = 100.00'  
 T = 70.04'  
 L = 122.20'  
 E = 22.09'  
 P.C. STA. = 160+89.60  
 P.T. STA. = 162+11.80

TEMPORARY DITCH CHECKS		
STA.	L.F.	R.F.
LT 157+00	6	
RT 157+00		6
LT 158+00	6	
RT 158+00		6
LT 159+00	6	
RT 159+00		6
LT 160+00	6	
RT 160+00		6
LT 161+00	6	
RT 161+00		6
LT 162+00	6	
RT 162+00		6
LT 163+00	6	
RT 163+00		6

GRADING AND SHAPING DITCHES		
STA.	L.F.	R.F.
LT 156+41 - LT 163+00	659	
RT 156+41 - RT 162+00	559	

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
		CHECKED - R.H.D.	REVISED -
		DATE - 4/4/12	REVISED -

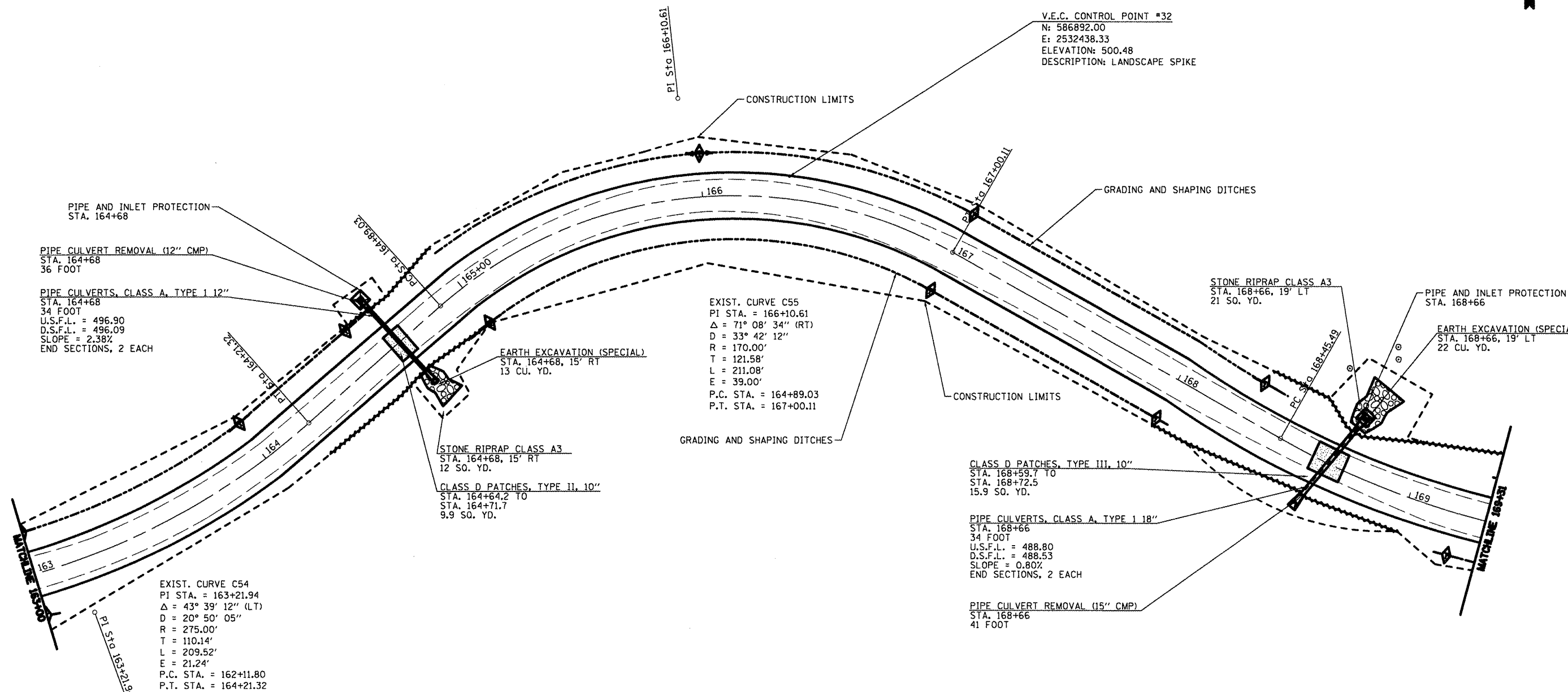
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 43 OF 112 SHEETS    STA. 156+41 TO STA. 163+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	43
CONTRACT NO. 46223				
ILLINOIS PBL. AID PROJECT				

JOB NO. 250-061-W VASCANIELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002017



**TEMPORARY DITCH CHECKS**

STA.	L.F.
LT 164+00	6
LT 164+55	6
RT 165+00	6
LT 166+00	6
LT 167+00	6
RT 167+00	6
RT 168+00	6
LT 168+30	6
RT 169+20	6

**GRADING AND SHAPING DITCHES**

STA.	L.F.
LT 163+00 - LT 164+65	145
RT 164+30 - RT 168+00	310
LT 165+00 - LT 168+40	340
RT 169+20 - RT 169+31	11

**PERIMETER EROSION BARRIER**

STA.	L.F.
RT 164+20 - RT 165+00	80
LT 164+55 - LT 165+00	45
RT 168+00 - RT 169+00	100
LT 168+30 - LT 169+30	100

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =  
#FILE#

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

DESIGNED - R.H.D. REVISIONS -  
DRAWN - J.T.T. REVISIONS -  
CHECKED - R.H.D. REVISIONS -  
DATE - 4/4/12 REVISIONS -

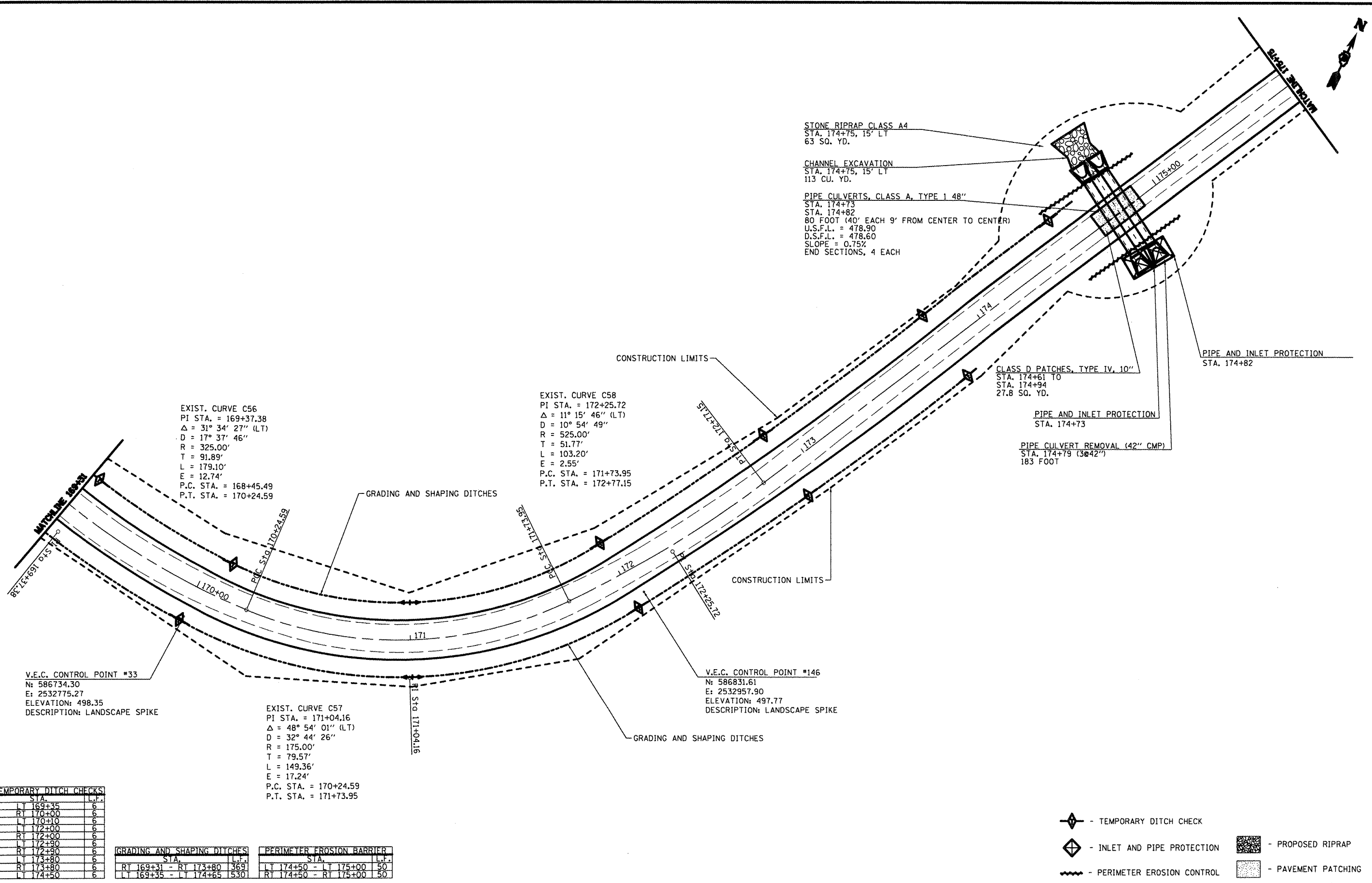
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
MIAN ALIGNMENT**

SCALE: 1" = 20' SHEET NO. 44 OF 112 SHEETS STA. 163+00 TO STA. 169+32

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	44
		CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT			

JOB NO. 250-061-F VASCONELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00201



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
 MAIL ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 45 OF 112 SHEETS    STA. 169+31 TO STA. 175+75

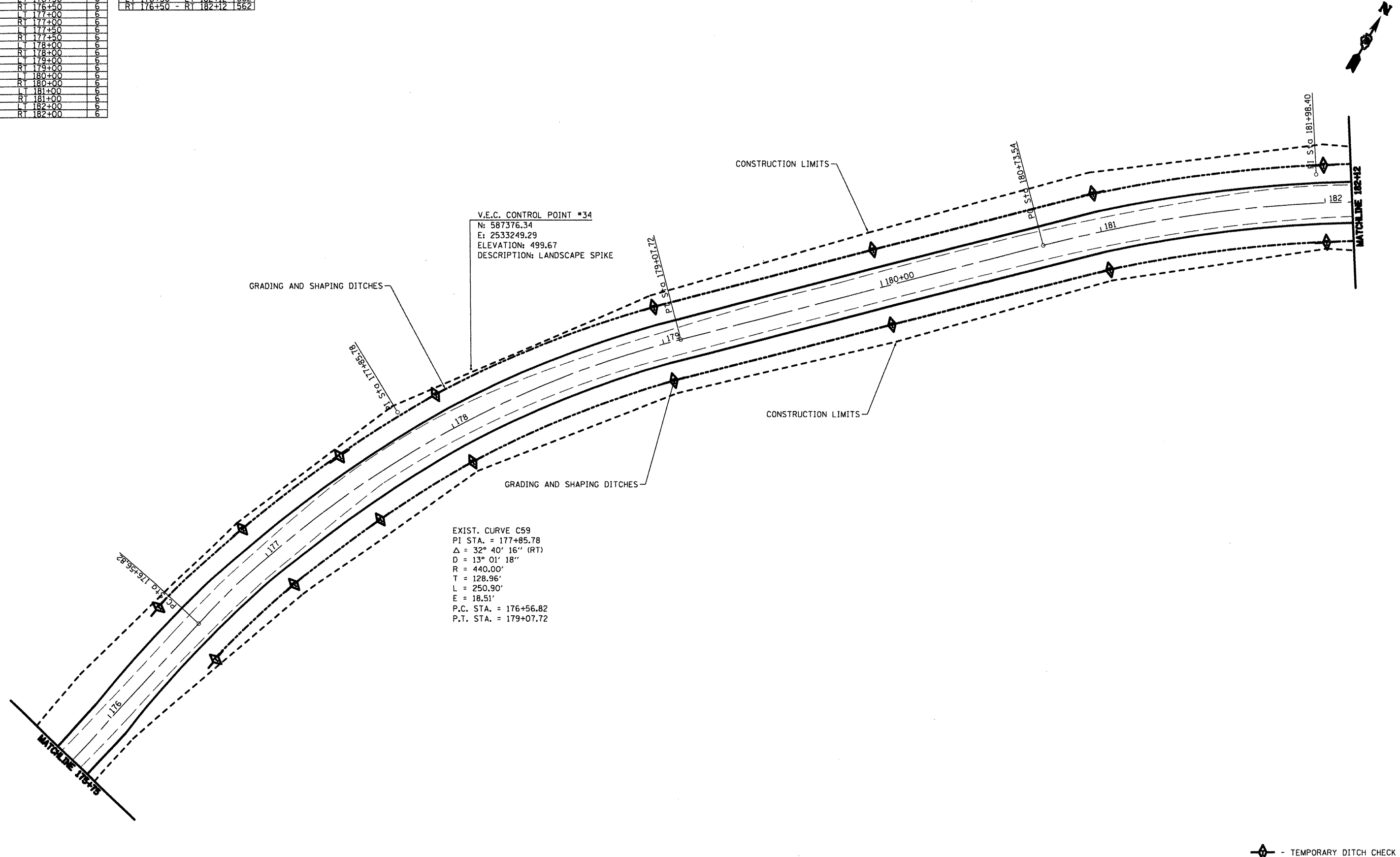
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	45
CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT	

JOB NO. 250-061-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000207



TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 176+50	6
RT 176+50	6
LT 177+00	6
RT 177+00	6
LT 177+50	6
RT 177+50	6
LT 178+00	6
RT 178+00	6
LT 178+50	6
RT 178+50	6
LT 179+00	6
RT 179+00	6
LT 180+00	6
RT 180+00	6
LT 181+00	6
RT 181+00	6
LT 182+00	6
RT 182+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 176+50 - LT 182+12	562
RT 176+50 - RT 182+12	562



FILE NAME =	USER NAME = #USER*	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE*	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT		
SCALE: 1" = 20'	SHEET NO. 46 OF 112 SHEETS	STA. 175+75 TO STA. 182+12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	46
CONTRACT NO. 46223			ILLINOIS FIB. AND PROJECT	

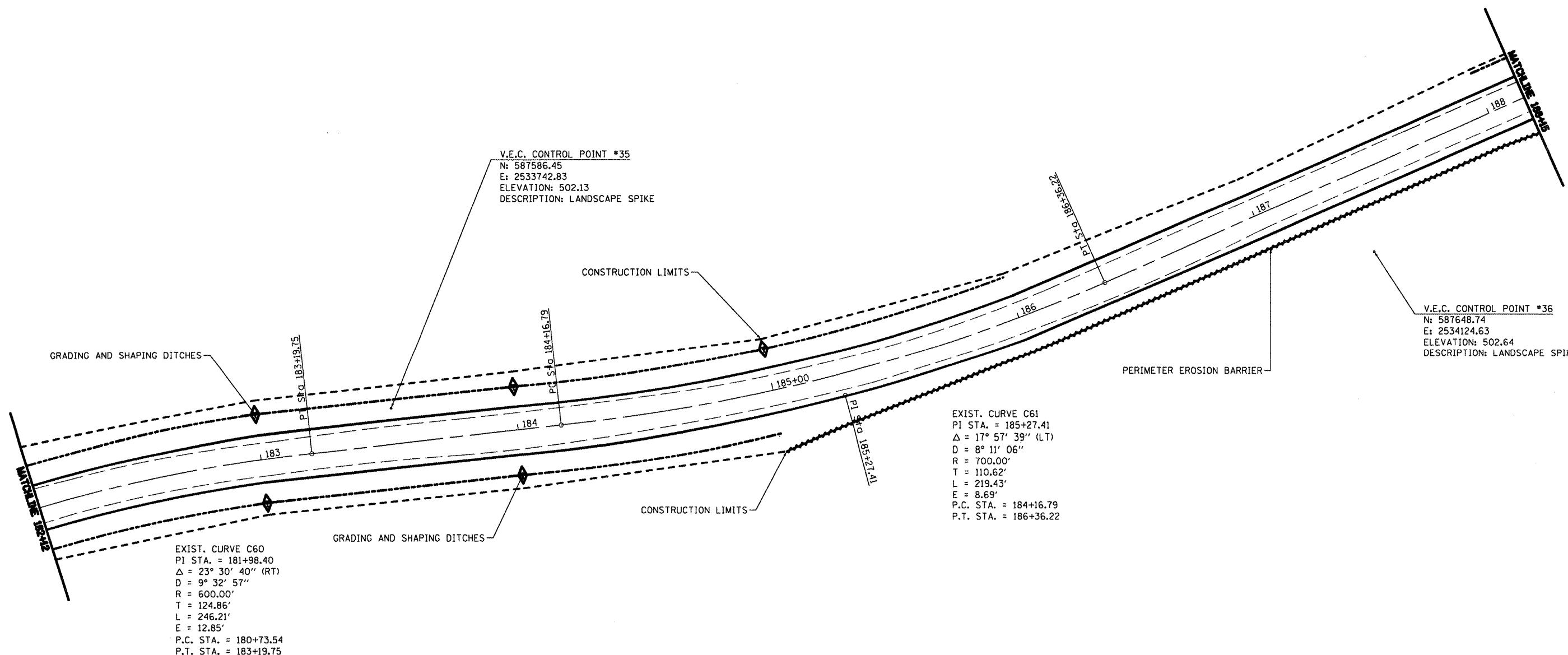
JOB NO. 250-061-W VASCOUNCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002017



TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 183+00	6
RT 183+00	6
LT 184+00	6
RT 184+00	6
LT 185+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 182+12 - LT 186+00	388
RT 182+12 - RT 185+00	288
LT 188+00 - LT 188+15	15

PERIMETER EROSION BARRIER	
STA.	L.F.
RT 185+00 - RT 188+15	315



V.E.C. CONTROL POINT #35  
 N: 587586.45  
 E: 2533742.83  
 ELEVATION: 502.13  
 DESCRIPTION: LANDSCAPE SPIKE

V.E.C. CONTROL POINT #36  
 N: 587648.74  
 E: 2534124.63  
 ELEVATION: 502.64  
 DESCRIPTION: LANDSCAPE SPIKE

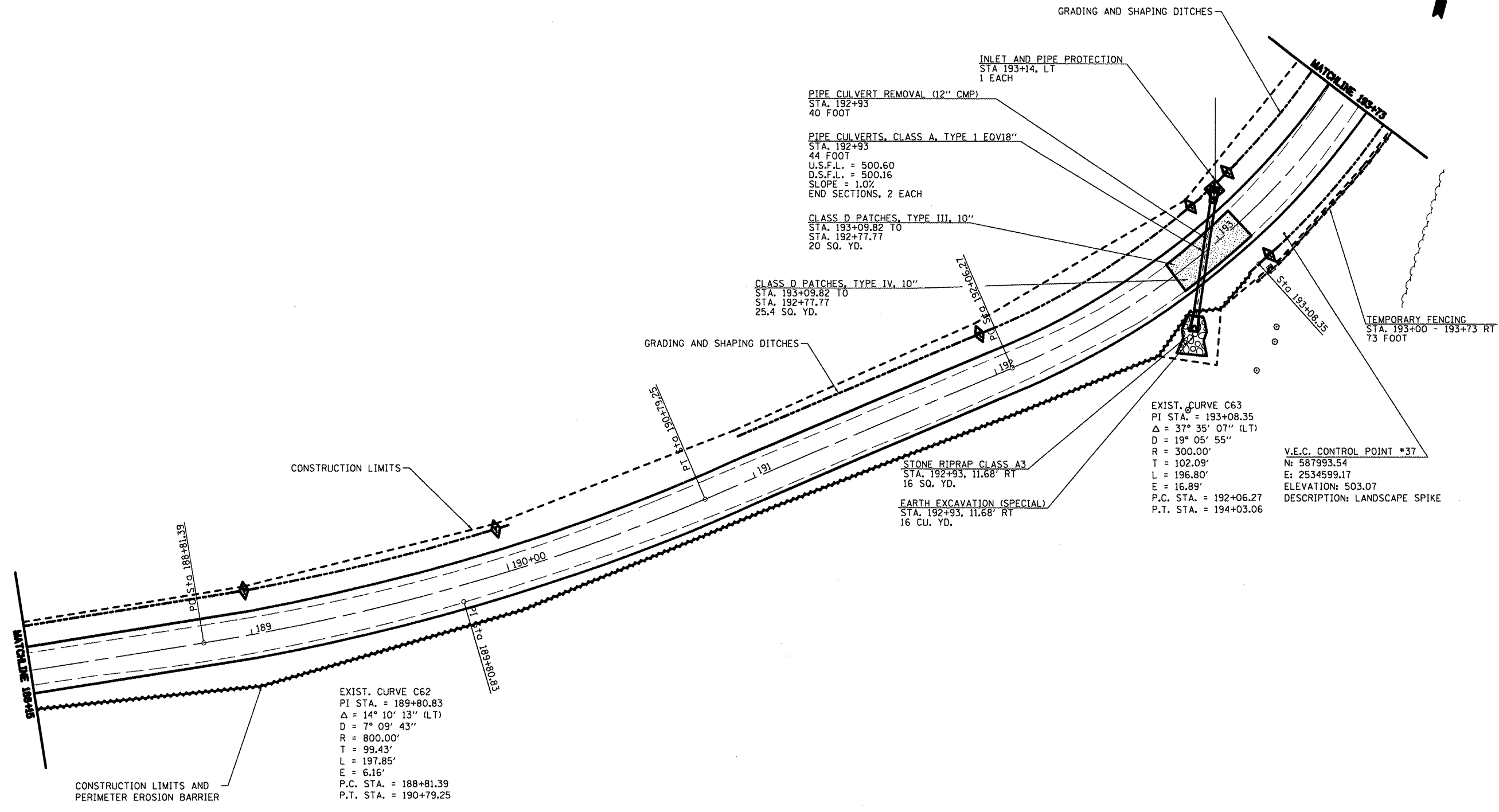
EXIST. CURVE C61  
 PI STA. = 185+27.41  
 $\Delta = 17^\circ 57' 39''$  (LT)  
 $D = 8^\circ 11' 06''$   
 $R = 700.00'$   
 $T = 110.62'$   
 $L = 219.43'$   
 $E = 8.69'$   
 P.C. STA. = 184+16.79  
 P.T. STA. = 186+36.22

EXIST. CURVE C60  
 PI STA. = 181+98.40  
 $\Delta = 23^\circ 30' 40''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 124.86'$   
 $L = 246.21'$   
 $E = 12.85'$   
 P.C. STA. = 180+73.54  
 P.T. STA. = 183+19.75

- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT	SCALE: 1" = 20'	SHEET NO. 47 OF 112 SHEETS	STA. 182+12 TO STA. 188+15	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	47				
PLOT SCALE = #SCALE#		CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46223						
PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT						

JOB NO. 250-063-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002407



GRADING AND SHAPING DITCHES

INLET AND PIPE PROTECTION  
STA 193+14, LT  
1 EACH

PIPE CULVERT REMOVAL (12" CMP)  
STA. 192+93  
40 FOOT

PIPE CULVERTS, CLASS A, TYPE 1 EQV18"  
STA. 192+93  
44 FOOT  
U.S.F.L. = 500.60  
D.S.F.L. = 500.16  
SLOPE = 1.0%  
END SECTIONS, 2 EACH

CLASS D PATCHES, TYPE III, 10"  
STA. 193+09.82 TO  
STA. 192+77.77  
20 SQ. YD.

CLASS D PATCHES, TYPE IV, 10"  
STA. 193+09.82 TO  
STA. 192+77.77  
25.4 SQ. YD.

GRADING AND SHAPING DITCHES

CONSTRUCTION LIMITS

CONSTRUCTION LIMITS AND PERIMETER EROSION BARRIER

TEMPORARY FENCING  
STA. 193+00 - 193+73 RT  
73 FOOT

EXIST. CURVE C63  
PI STA. = 193+08.35  
 $\Delta = 37^\circ 35' 07''$  (LT)  
D = 19' 05' 55"  
R = 300.00'  
T = 102.09'  
L = 196.80'  
E = 16.89'  
P.C. STA. = 192+06.27  
P.T. STA. = 194+03.06

V.E.C. CONTROL POINT #37  
N: 587993.54  
E: 2534599.17  
ELEVATION: 503.07  
DESCRIPTION: LANDSCAPE SPIKE

EXIST. CURVE C62  
PI STA. = 189+80.83  
 $\Delta = 14^\circ 10' 13''$  (LT)  
D = 7' 09' 43"  
R = 800.00'  
T = 99.43'  
L = 197.85'  
E = 6.16'  
P.C. STA. = 188+81.39  
P.T. STA. = 190+79.25

STONE RIPRAP CLASS A3  
STA. 192+93, 11.68' RT  
16 SQ. YD.

EARTH EXCAVATION (SPECIAL)  
STA. 192+93, 11.68' RT  
16 CU. YD.

TEMPORARY DITCH CHECKS		GRADING AND SHAPING DITCHES		PERIMETER EROSION BARRIER	
STA.	LT/RT	STA.	LT/RT	STA.	LT/RT
189+00	6	188+15 - 190+00	185	188+15 - 193+00	185
190+00	6	191+00 - 193+73	273		
192+00	6	193+00 - 193+73	73		
193+00	6				
193+10	6				
193+20	6				

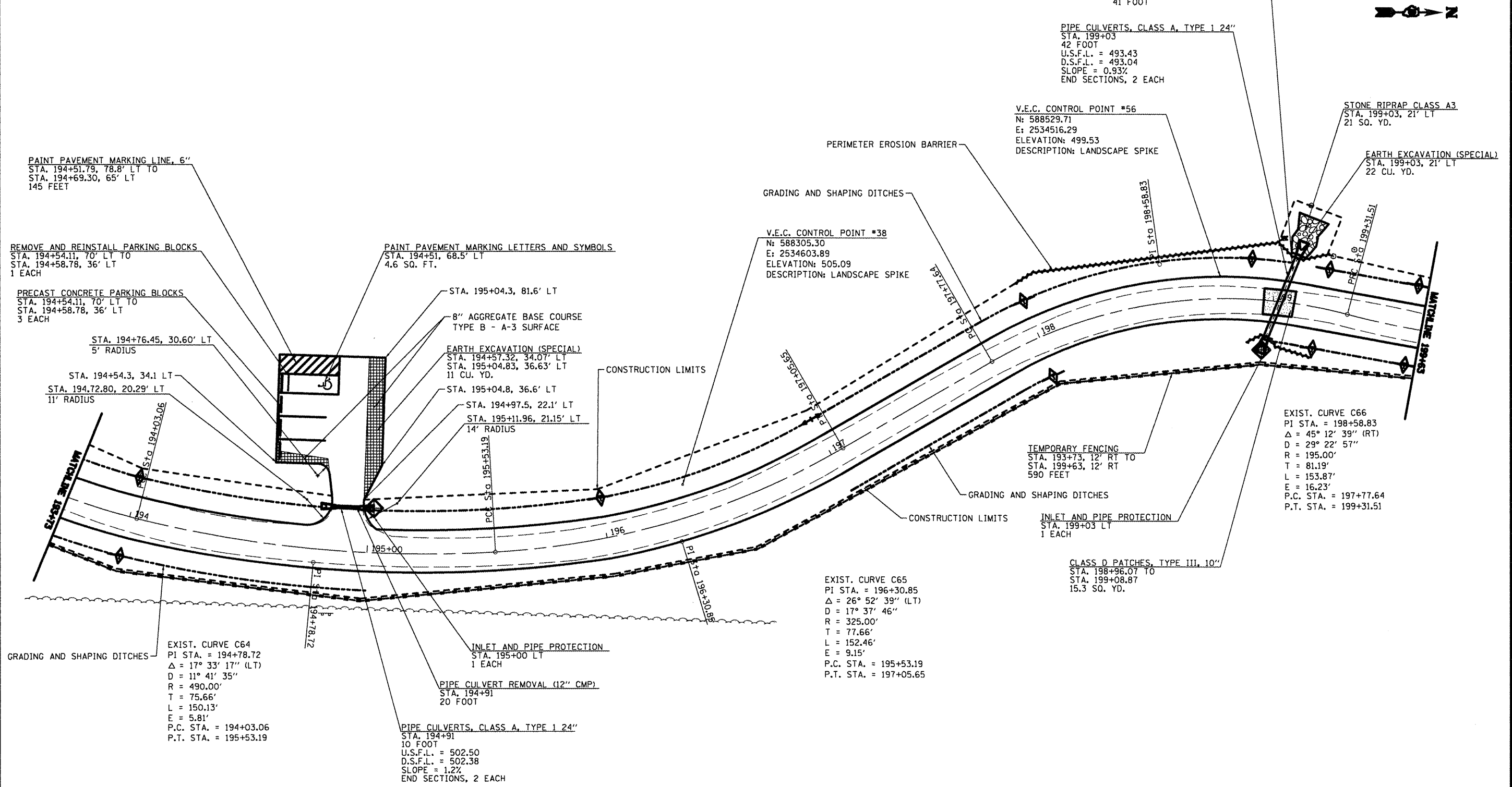
- TEMPORARY DITCH CHECK
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT</b>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	46		
PLOT SCALE = *SCALE*		CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46223				
PLOT DATE = *DATE*		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20'    SHEET NO. 46 OF 112 SHEETS    STA. 188+15 TO STA. 193+73

JOB NO. 250-061-W VASCANELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002107

TREE REMOVAL		
STA.	OFFSET	SIZE
199+00 LT	27'	12"



TEMPORARY DITCH CHECKS		
STA.	L.F.	
LT 194+00	6	
RT 194+00	6	
LT 196+00	6	
RT 196+00	6	
LT 198+00	6	
RT 198+00	6	
LT 199+20	6	
RT 199+20	6	
LT 199+60	6	
RT 199+60	6	

GRADING AND SHAPING DITCHES			
STA.	L.F.		
LT 193+73 - LT 194+80	107		
RT 193+73 - RT 195+00	137		
LT 195+02 - LT 199+05	403		
RT 197+00 - RT 198+00	100		
RT 199+00 - RT 199+63	63		
LT 199+15 - LT 199+63	48		

PERIMETER EROSION BARRIER		
STA.	L.F.	
RT 198+00 - RT 199+20	120	
LT 188+90 - LT 199+20	30	

TEMPORARY FENCING IS TO BE ERECTED TWO TO THREE FEET FROM THE EDGE OF PAVEMENT FROM STATION 193+73 TO STA. 205+38 ON EAST SIDE OF THE ROAD TO PROTECT NATURE PRESERVE. SITE PERSONNEL MUST BE PRESENT FOR INSTALLATION OF ALL FENCES.

- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- EARTH EXCAVATION (SPECIAL)
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER*	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
PLOT SCALE = #SCALE*		CHECKED - R.J.D.	REVISED -
PLOT DATE = #DATE*		DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

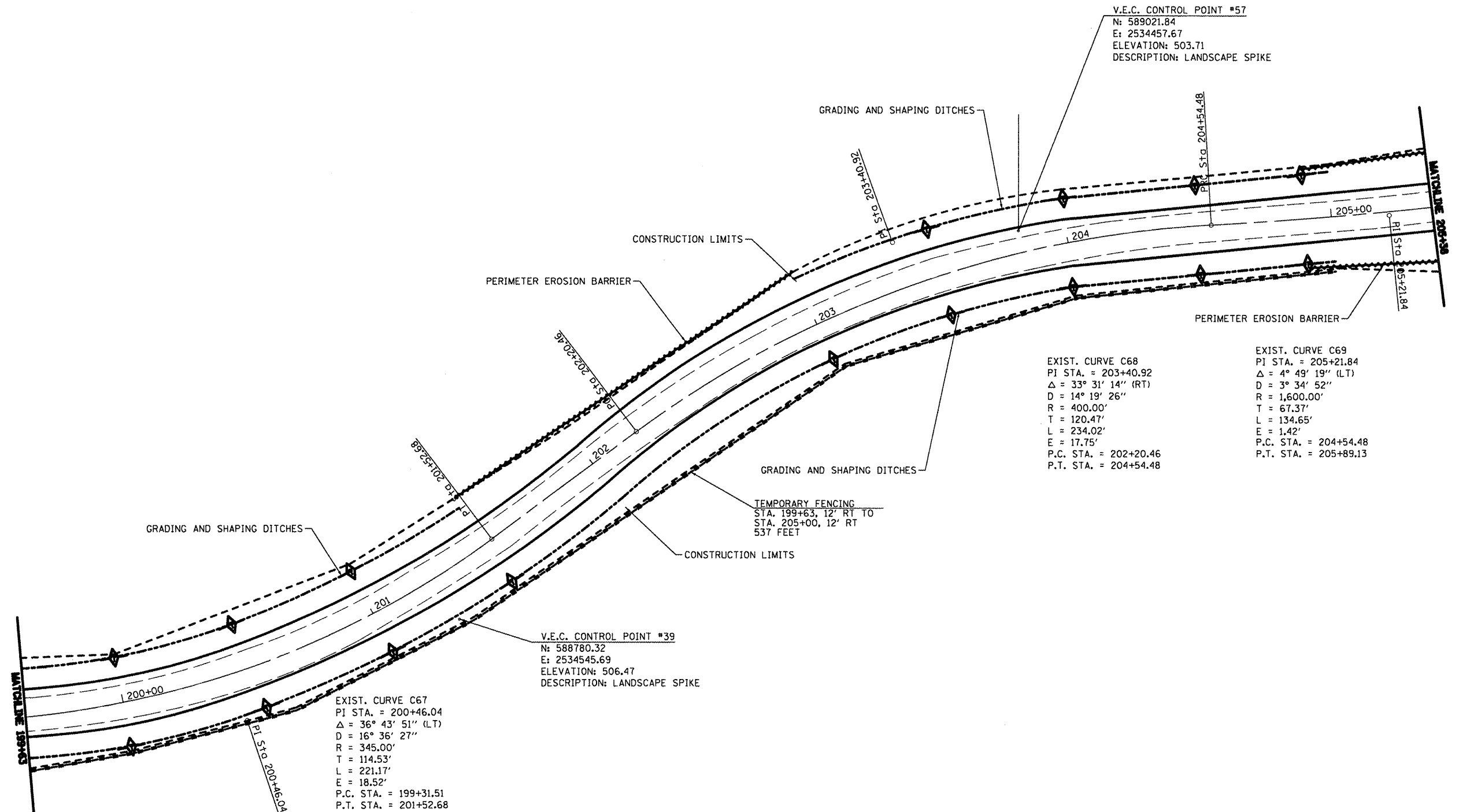
**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 49 OF 112 SHEETS    STA. 193+73 TO STA. 199+63

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	49
		CONTRACT NO. 46223	

ILLINOIS FED. AID PROJECT

JOB NO. 200-041-F VASCONELES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00007



V.E.C. CONTROL POINT #57  
 N: 589021.84  
 E: 2534457.67  
 ELEVATION: 503.71  
 DESCRIPTION: LANDSCAPE SPIKE

EXIST. CURVE C68  
 PI STA. = 203+40.92  
 $\Delta = 33^\circ 31' 14''$  (RT)  
 D = 14' 19' 26"  
 R = 400.00'  
 T = 120.47'  
 L = 234.02'  
 E = 17.75'  
 P.C. STA. = 202+20.46  
 P.T. STA. = 204+54.48

EXIST. CURVE C69  
 PI STA. = 205+21.84  
 $\Delta = 4^\circ 49' 19''$  (LT)  
 D = 3' 34' 52"  
 R = 1,600.00'  
 T = 67.37'  
 L = 134.65'  
 E = 1.42'  
 P.C. STA. = 204+54.48  
 P.T. STA. = 205+89.13

EXIST. CURVE C67  
 PI STA. = 200+46.04  
 $\Delta = 36^\circ 43' 51''$  (LT)  
 D = 16' 36' 27"  
 R = 345.00'  
 T = 114.53'  
 L = 221.17'  
 E = 18.52'  
 P.C. STA. = 199+31.51  
 P.T. STA. = 201+52.68

V.E.C. CONTROL POINT #39  
 N: 588780.32  
 E: 2534545.69  
 ELEVATION: 506.47  
 DESCRIPTION: LANDSCAPE SPIKE

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 200+00	6
RT 200+00	6
LT 200+50	6
RT 200+50	6
LT 201+00	6
RT 201+00	6
LT 201+50	6
RT 201+50	6
LT 203+00	6
RT 203+00	6
LT 203+50	6
RT 203+50	6
LT 204+00	6
RT 204+00	6
LT 204+50	6
RT 204+50	6
LT 204+90	6
RT 204+90	6

GRADING AND SHAPING DITCHES		
STA.	L.F.	DATE
LT 199+63 - LT 201+50	187	
RT 199+63 - RT 205+00	537	
LT 203+00 - LT 205+00	200	

PERIMETER EROSION BARRIER		
STA.	L.F.	DATE
LT 201+50 - LT 203+00	150	
RT 204+80 - RT 205+38	48	
LT 204+90 - LT 205+38	48	

- TEMPORARY DITCH CHECK  
 - PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

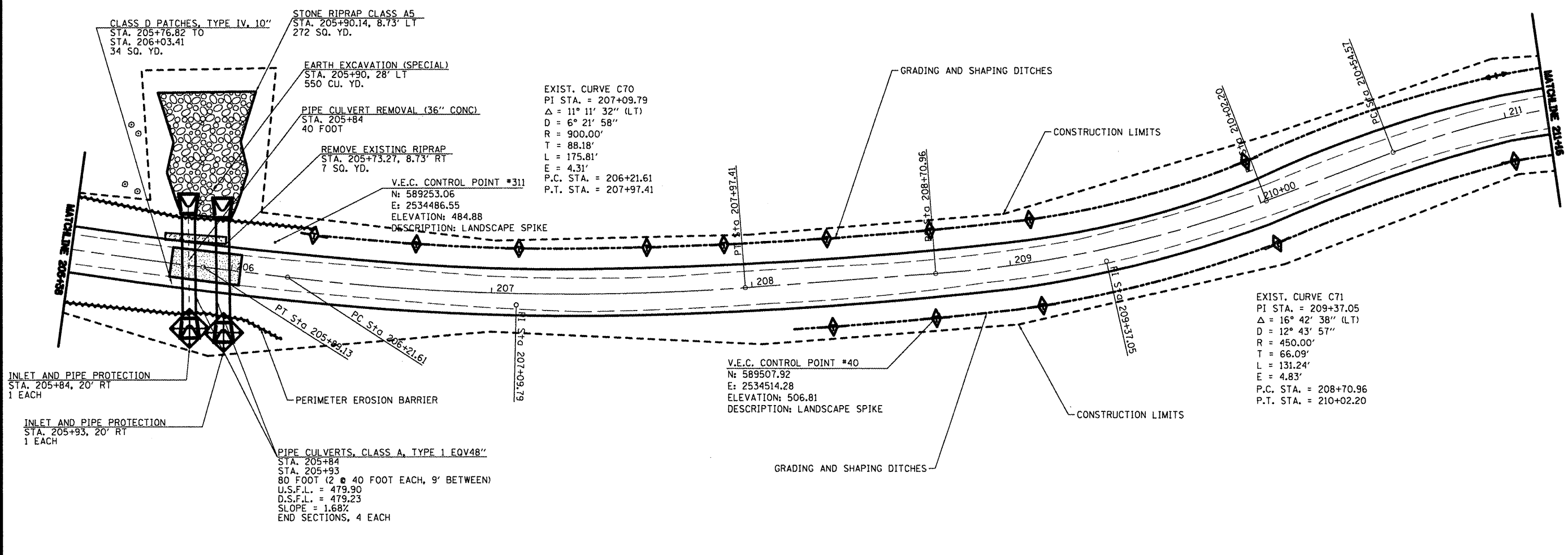
**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 50 OF 112 SHEETS    STA. 199+63 TO STA. 205+38

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	50
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

JOB NO. 200-061-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002107





EXIST. CURVE C70  
 PI STA. = 207+09.79  
 $\Delta = 11^\circ 11' 32''$  (LT)  
 $D = 6^\circ 21' 58''$   
 $R = 900.00'$   
 $T = 88.18'$   
 $L = 175.81'$   
 $E = 4.31'$   
 P.C. STA. = 206+21.61  
 P.T. STA. = 207+97.41

EXIST. CURVE C71  
 PI STA. = 209+37.05  
 $\Delta = 16^\circ 42' 38''$  (LT)  
 $D = 12^\circ 43' 57''$   
 $R = 450.00'$   
 $T = 66.09'$   
 $L = 131.24'$   
 $E = 4.83'$   
 P.C. STA. = 208+70.96  
 P.T. STA. = 210+02.20

PIPE CULVERTS, CLASS A, TYPE 1 EQV48"  
 STA. 205+84  
 STA. 205+93  
 80 FOOT (2 @ 40 FOOT EACH, 9' BETWEEN)  
 U.S.F.L. = 479.90  
 D.S.F.L. = 479.23  
 SLOPE = 1.68%  
 END SECTIONS, 4 EACH

TEMPORARY DITCH CHECKS	
STA.	L.F.
LT 206+30	6
LT 206+70	6
LT 207+10	6
LT 207+50	6
LT 207+90	6
LT 208+30	6
RT 208+30	6
LT 208+70	6
RT 208+70	6
LT 209+10	6
RT 209+10	6
LT 210+00	6
RT 210+00	6
RT 211+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 206+20 - LT 211+16	496
RT 208+15 - RT 211+16	301

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 205+38 - LT 206+30	92
RT 205+38 - RT 208+20	282

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**MAIN ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 51 OF 112 SHEETS    STA. 205+38 TO STA. 211+16

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	51
CONTRACT NO. 46223			
ILLINOIS PID. AND PROJECT			

JOB NO. 250-061-1 VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 164-006207

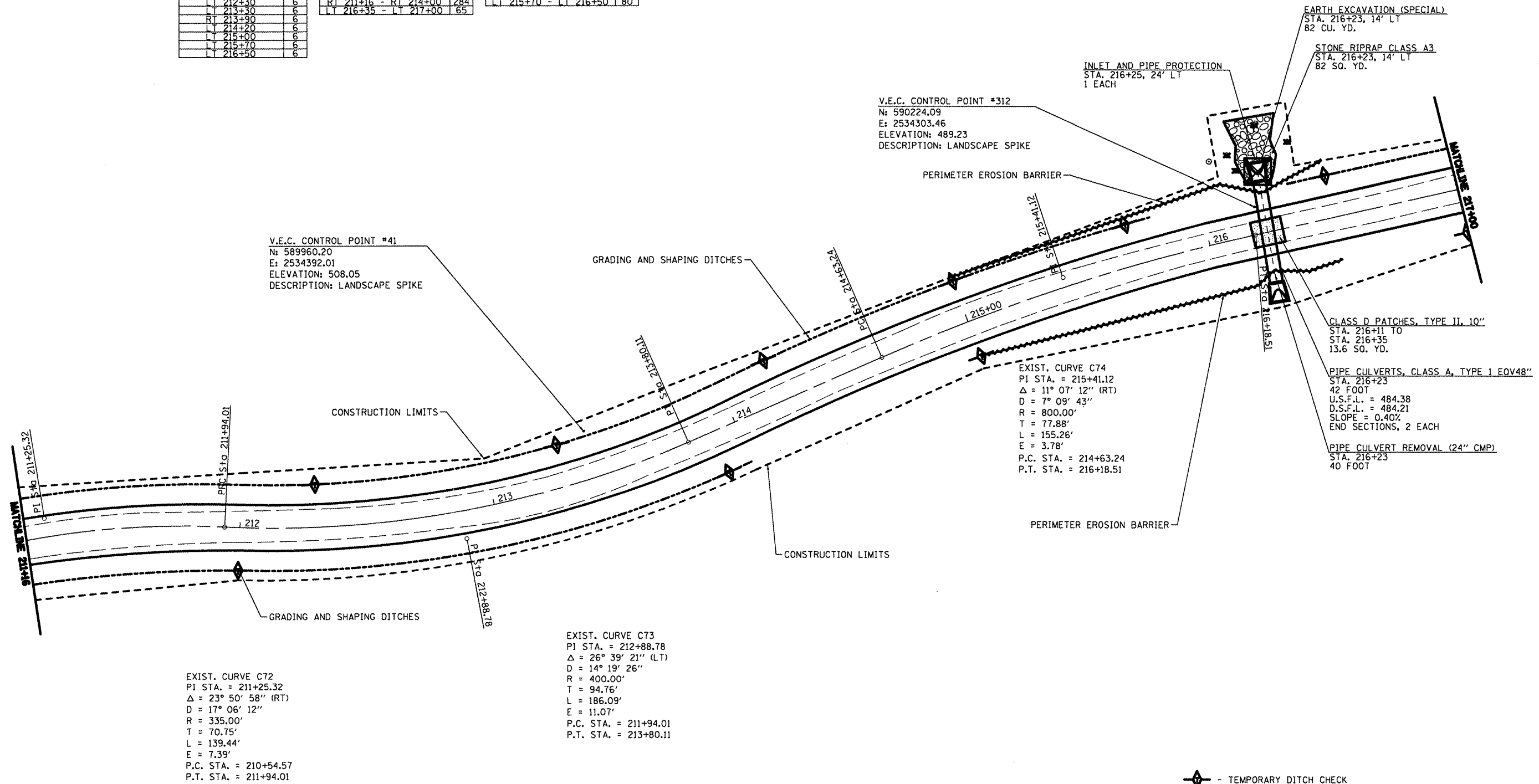
TREE REMOVAL		
STA.	OFFSET	SIZE
216+14 LT	33'	6"
216+16 LT	26'	36"
216+27 LT	42'	36"
216+39 LT	33'	36"



TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 212+00	6
LT 212+30	6
LT 213+30	6
RT 213+90	6
LT 214+20	6
LT 215+00	6
LT 215+70	6
LT 216+50	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 211+16 - LT 215+80	464
RT 211+16 - RT 214+00	284
LT 216+35 - LT 217+00	65

PERIMETER EROSION BARRIER	
STA.	L.F.
RT 215+00 - RT 216+50	150
LT 215+70 - LT 216+50	80



EXIST. CURVE C72  
 PI STA. = 211+25.32  
 $\Delta = 23^\circ 50' 58''$  (RT)  
 D = 17' 06' 12"  
 R = 335.00'  
 T = 70.75'  
 L = 139.44'  
 E = 7.39'  
 P.C. STA. = 210+54.57  
 P.T. STA. = 211+94.01

EXIST. CURVE C73  
 PI STA. = 212+88.78  
 $\Delta = 26^\circ 39' 21''$  (LT)  
 D = 14' 19' 26"  
 R = 400.00'  
 T = 94.76'  
 L = 186.09'  
 E = 11.07'  
 P.C. STA. = 211+94.01  
 P.T. STA. = 213+80.11

EXIST. CURVE C74  
 PI STA. = 215+41.12  
 $\Delta = 11^\circ 07' 12''$  (RT)  
 D = 7' 09' 43"  
 R = 800.00'  
 T = 77.88'  
 L = 155.26'  
 E = 3.78'  
 P.C. STA. = 214+63.24  
 P.T. STA. = 216+18.51

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

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

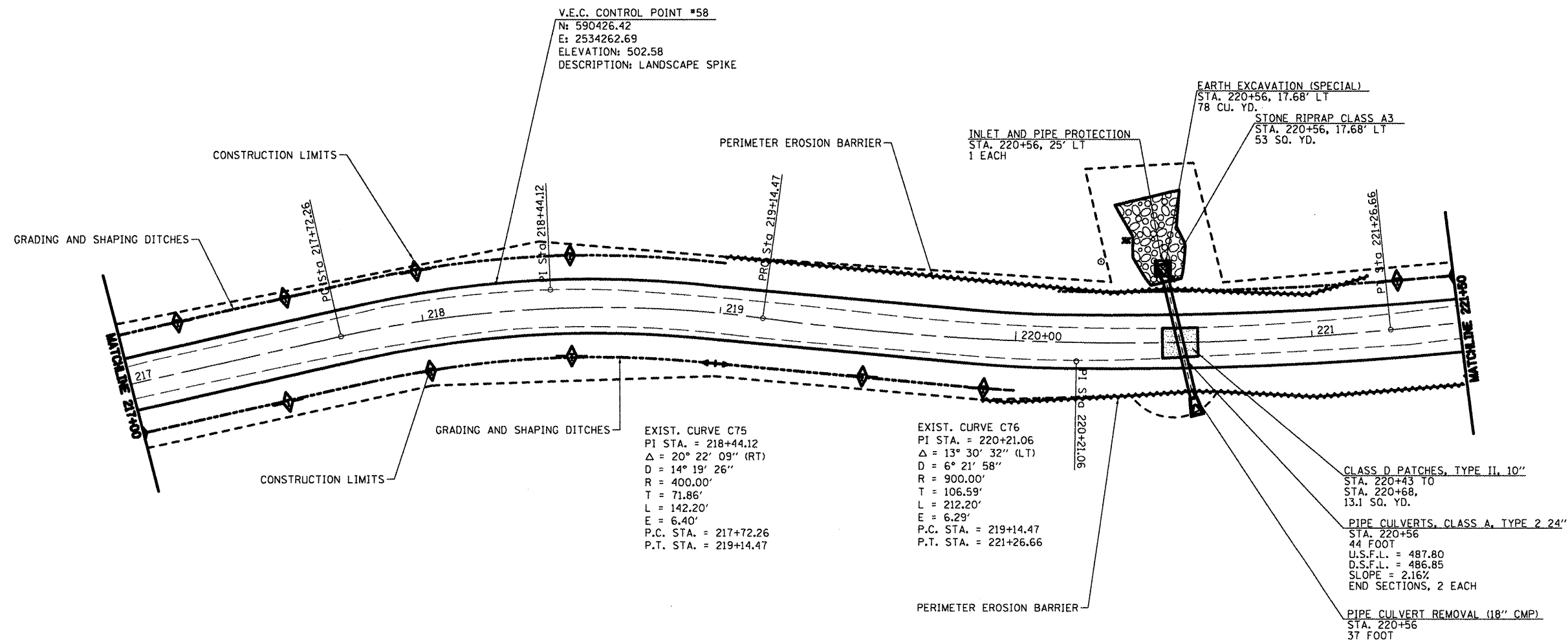
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DRAWN - J.T.T.	REVISIONS -
CHECKED - R.H.D.	REVISIONS -
DATE - 4/4/12	REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 MAIN ALIGNMENT  
 SCALE: 1" = 20'  
 SHEET NO. 52 OF 112 SHEETS  
 STA. 211+46 TO STA. 217+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	52
		CONTRACT NO. 46223	
ILLINOIS PROJ. AID PROJECT			

JOB NO. 200-061-R VASCANSELLE ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



EXIST. CURVE C75  
 PI STA. = 218+44.12  
 $\Delta = 20^\circ 22' 09''$  (RT)  
 D = 14° 19' 26"  
 R = 400.00'  
 T = 71.86'  
 L = 142.20'  
 E = 6.40'  
 P.C. STA. = 217+72.26  
 P.T. STA. = 219+14.47

EXIST. CURVE C76  
 PI STA. = 220+21.06  
 $\Delta = 13^\circ 30' 32''$  (LT)  
 D = 6° 21' 58"  
 R = 900.00'  
 T = 106.59'  
 L = 212.20'  
 E = 6.29'  
 P.C. STA. = 219+14.47  
 P.T. STA. = 221+26.66

TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 217+00	6
LT 217+20	6
RT 217+50	6
LT 217+60	6
LT 218+00	6
RT 218+00	6
LT 218+50	6
RT 218+50	6
RT 219+50	6
LT 219+90	6
LT 221+30	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 217+00 - LT 219+00	200
RT 217+00 - RT 220+00	300
LT 221+20 - LT 221+50	30

PERIMETER EROSION BARRIER	
STA.	L.F.
LT 219+00 - LT 221+30	230
RT 219+90 - RT 221+50	160

TREE REMOVAL		
STA.	OFFSET	SIZE
220+38 LT	35'	6"
220+53 LT	22'	12"

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PROPOSED RIPRAP
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA MAIN ALIGNMENT	
SCALE: 1" = 20'	SHEET NO. 53 OF 112 SHEETS
STA. 217+00 TO STA. 221+00	

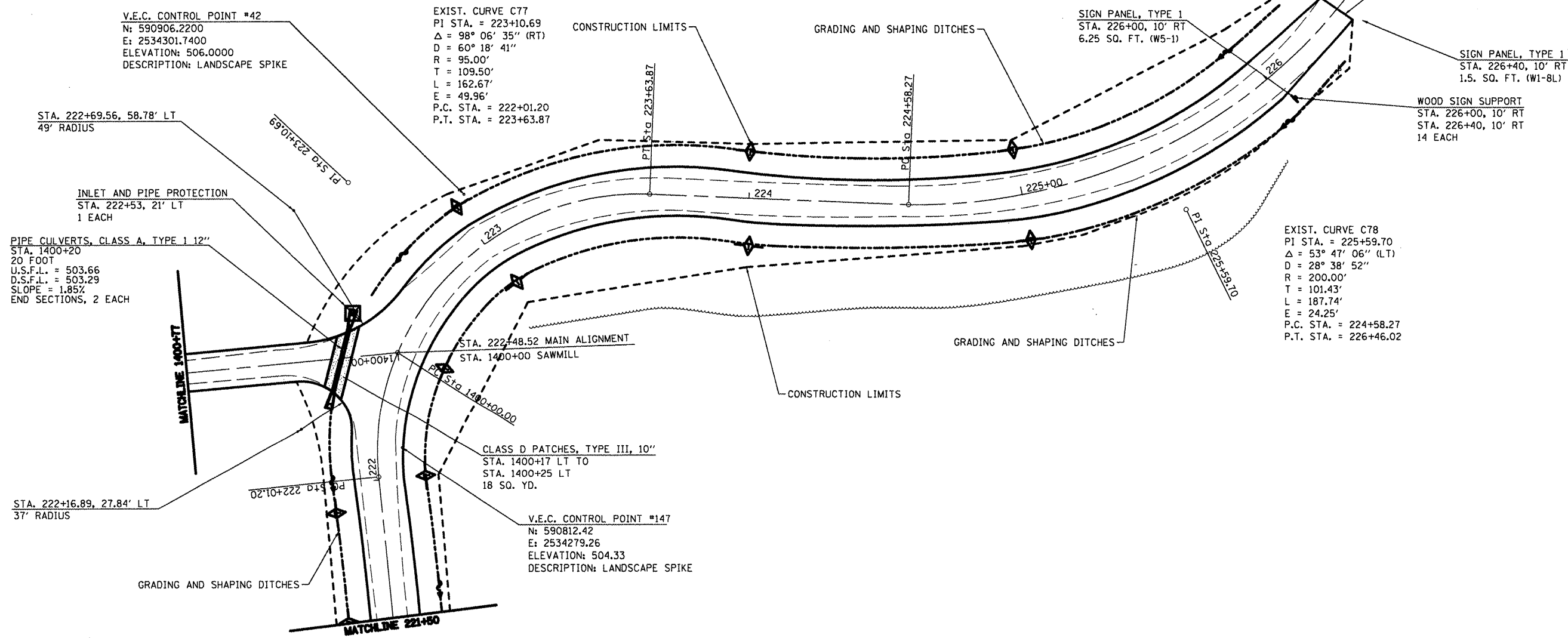
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	53
CONTRACT NO. 46223			
ILLINOIS PRD. AIR PROJECT			

JOB NO. 260-081-W VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-06207



TEMPORARY DITCH CHECKS	
STA.	L.F.
RT 221+50	6
LT 221+90	6
RT 222+00	6
LT 222+50	6
RT 223+00	6
LT 224+00	6
RT 224+00	6
LT 225+00	6
RT 225+00	6

GRADING AND SHAPING DITCHES	
STA.	L.F.
LT 221+50 - LT 222+24	74
RT 221+50 - RT 226+15	465
LT 222+62 - LT 226+15	353



- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
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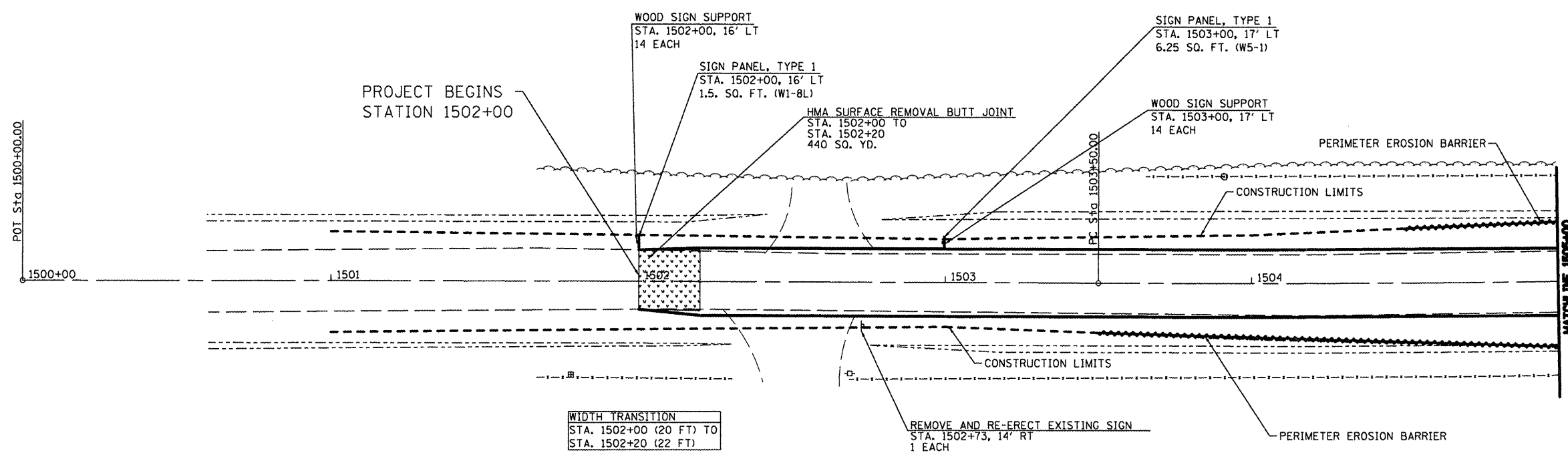
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
MAIN ALIGNMENT / SAWMILL**

SCALE: 1" = 20'    SHEET NO. 54 OF 112 SHEETS    STA. 221+80 TO STA. 226+46.02

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	54
		CONTRACT NO. 46223	
ILLINOIS PBL. AND PROJECT			

JOB NO. 200-061-F VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



PERIMETER EROSION BARRIER	STA.	L.F.
	RT 1503+50 - RT 1505+00	150
	LT 1504+50 - LT 1505+00	50

- PERIMETER EROSION CONTROL    
 - HMA SURFACE REMOVAL

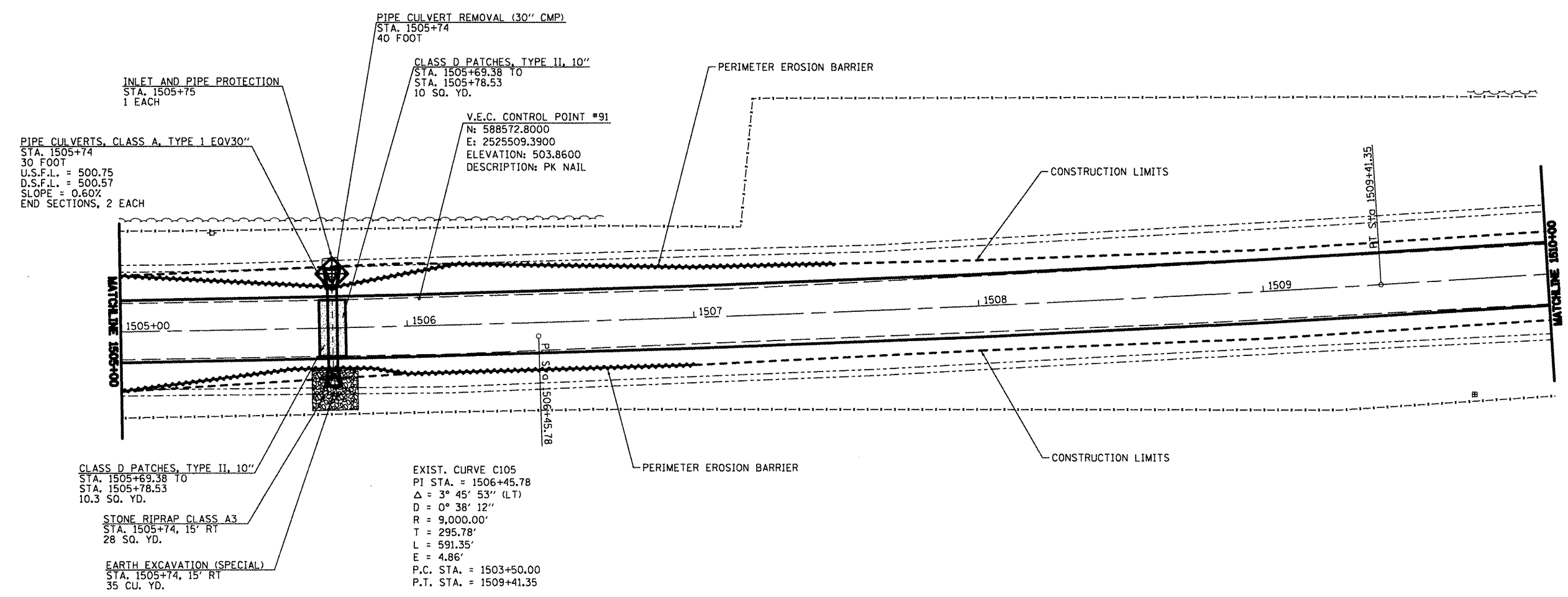
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**ENTRANCE ROAD ALIGNMENT**  
 SCALE: 1" = 20'    SHEET NO. 85 OF 112 SHEETS    STA. 1500+00 TO STA. 1505+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	85
		CONTRACT NO. 46223	
ILLINOIS FIB. AID PROJECT			

JOB NO. 250-003-11 VASCANELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



PERIMETER EROSION BARRIER	
STA.	L.P.
LT 1505+00 - LT 1507+50	250
RT 1505+00 - RT 1507+00	200

- INLET AND PIPE PROTECTION
- PROPOSED RIPRAP
- PERIMETER EROSION CONTROL
- PAVEMENT PATCHING

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

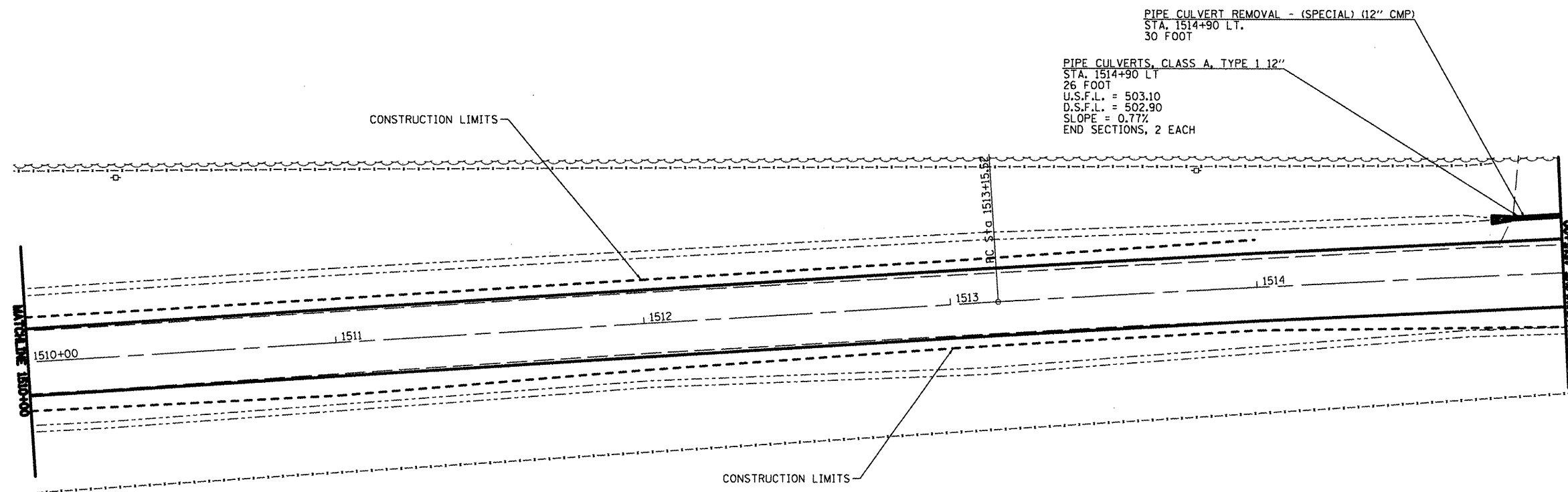
**WASHINGTON COUNTY CONSERVATION AREA**  
**ENTRANCE ROAD ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 56 OF 112 SHEETS    STA. 1505+00 TO STA. 1510+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	56
		CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT			

JOB NO. 250-061-4 VASCANIEL'S ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207





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

DESIGNED - R.H.D.	REVISED -
DRAWN - J.T.T.	REVISED -
CHECKED - R.H.D.	REVISED -
DATE - 4/4/12	REVISED -

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

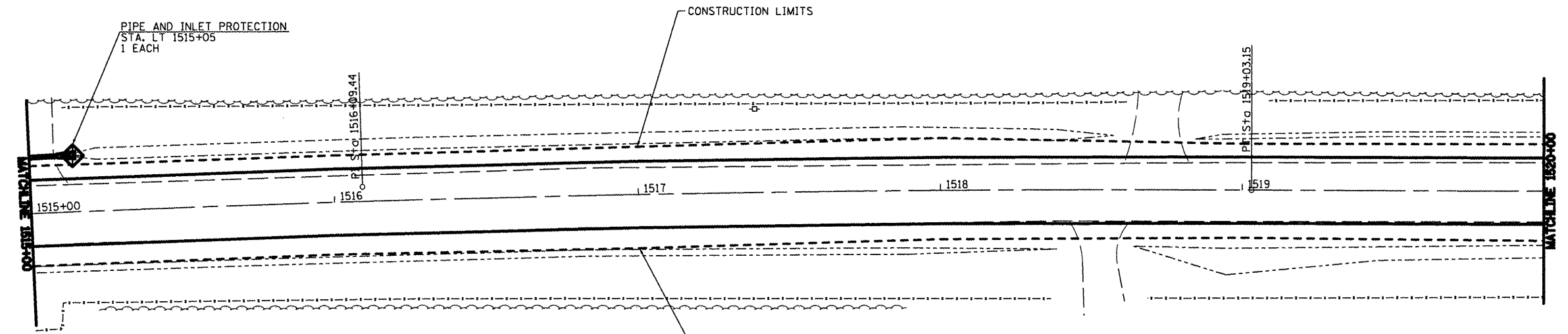
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
ENTRANCE ROAD ALIGNMENT

SCALE: 1" = 20' SHEET NO. 57 OF 112 SHEETS STA. 1510+00 TO STA. 1515+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	57
		CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT			

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-006207



EXIST. CURVE C106  
 PI STA. = 1516+09.44  
 $\Delta = 3^\circ 44' 27''$  (RT)  
 $D = 0^\circ 38' 12''$   
 $R = 9,000.00'$   
 $T = 293.92'$   
 $L = 587.63'$   
 $E = 4.80'$   
 P.C. STA. = 1513+15.52  
 P.T. STA. = 1519+03.15

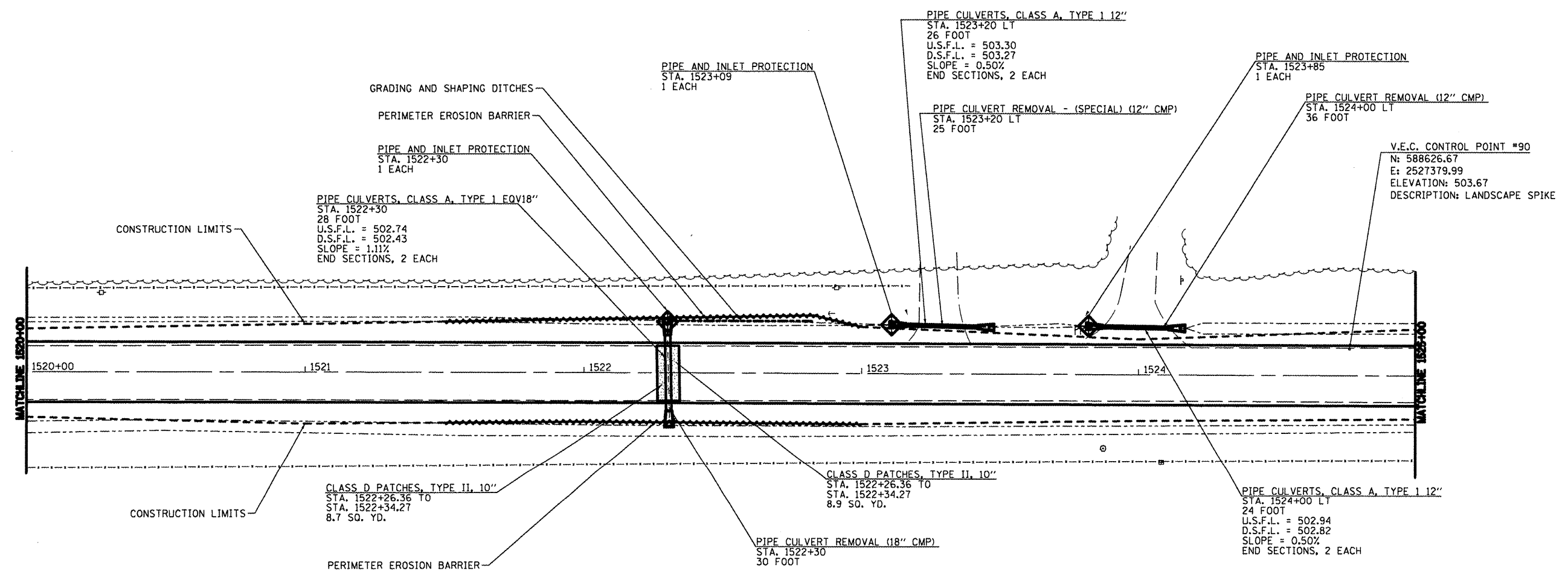
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	PLOT DATE = #DATE*	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION





WASHINGTON COUNTY CONSERVATION AREA  
 ENTRANCE ROAD ALIGNMENT  
 SCALE: 1" = 20' SHEET NO. 58 OF 112 SHEETS STA. 1515+00 TO STA. 1520+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	58
CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT	

JOB NO. 2010-061-F VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-002607



V.E.C. CONTROL POINT #90  
 N: 588626.67  
 E: 2527379.99  
 ELEVATION: 503.67  
 DESCRIPTION: LANDSCAPE SPIKE

-  - TEMPORARY DITCH CHECK
-  - INLET AND PIPE PROTECTION
-  - PERIMETER EROSION CONTROL
-  - PAVEMENT PATCHING

GRADING AND SHAPING DITCHES		PERIMETER EROSION BARRIER	
STA.	LT.	STA.	LT.
1523+34	1523+82	1521+50	1523+00
48	150	150	150

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -
*FILE*		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**ENTRANCE ROAD ALIGNMENT**

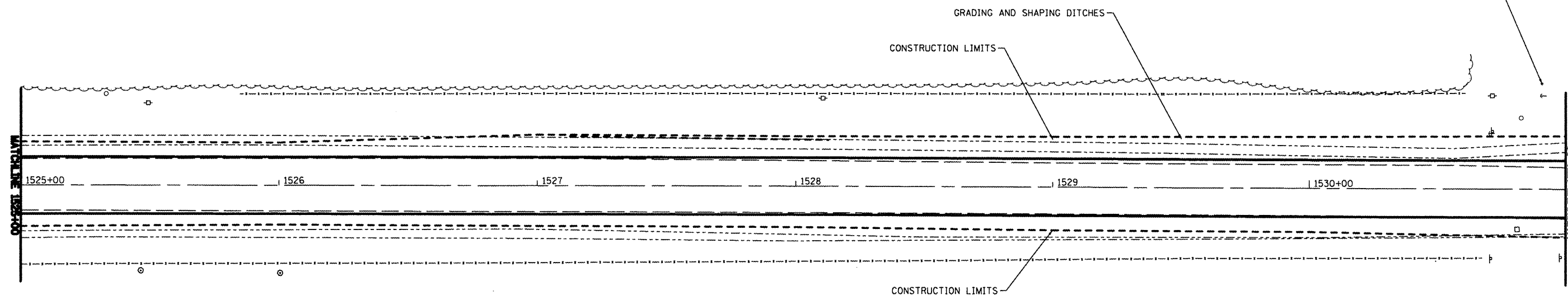
SCALE: 1" = 20'    SHEET NO. 59 OF 112 SHEETS    STA. 1520+00 TO STA. 1525+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	59
CONTRACT NO. 46223				
ILLINOIS PBL. AID PROJECT				

JOB NO. 250-063-P VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207



V.E.C. CONTROL POINT #308  
 N: 588656.29  
 E: 2527994.53  
 ELEVATION: 497.77  
 DESCRIPTION: LANDSCAPE SPIKE



TEMPORARY DITCH CHECKS:

STA.	L.F.
LT 1528+00	6
LT 1529+00	6
LT 1530+00	6
LT 1531+00	6

STA.	L.F.
LT 1527+00 - LT 1531+00	400

- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL

FILE NAME *	USER NAME * @USER*	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE * #SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE * #DATE*	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 ENTRANCE ROAD ALIGNMENT

SCALE: 1" = 20' SHEET NO. 60 OF 112 SHEETS STA. 1525+00 TO STA. 1531+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	60
		CONTRACT NO. 46223	
ILLINOIS PBL. AID PROJECT			

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002807

**DETECTABLE WARNINGS**

STA. 301+10, 55' LT TO  
STA. 301+15, 65' LT  
10 SQ. FT.

**SIDEWALK REMOVAL**  
STA. 301+10.16 56.00' LT TO  
STA. 301+42, 61.15' LT  
227 SQ. FT.

**P.C.C. SIDEWALK, 5"**  
STA. 301+10.16 56.00' LT TO  
STA. 301+15.28, 61.15' LT  
17 SQ. FT.

CONTRACTOR SHALL DEPRESS  
THE END OF THE CURB

**HMA SURFACE REMOVAL, VARIABLE DEPTH**  
STA. 301+15.44, 65.38' LT TO  
STA. 301+25.62, 53.48' LT  
24 SQ. YD.

**P.C.C. SIDEWALK, 5"**  
STA. 301+33.11 42.02' LT TO  
STA. 301+42.79, 36.11' LT  
45 SQ. FT.

FILL SIDEWALK AREA WITH  
REMOVAL AGGREGATE BASE  
COURSE TYPE B

**PAVEMENT REMOVAL**  
STA. 301+60, 35' LT TO  
STA. 301+72, 37' LT  
16 SQ. YD.

**P.C.C. SIDEWALK, 5"**  
STA. 301+60, 35' LT TO  
STA. 301+72, 37' LT  
144 SQ. FT.

2" AGGREGATE SURFACE COURSE, TYPE B (CA 10)  
AT EACH CAMPSITE (TYPICAL)

**INSTALL CONCRETE PARKING BLOCKS**  
STA. 301+50.86, 43.69' LT TO  
STA. 301+73.00, 30.00' LT  
2 EACH

**TIMBER CURB REMOVAL**  
STA. 301+50.86, 43.69' LT TO  
STA. 301+73.00, 30.00' LT  
42 FOOT

V.E.C. CONTROL POINT #74  
N: 590591.87  
E: 2529674.49  
ELEVATION: 501.99  
DESCRIPTION: PK NAIL

V.E.C. CONTROL POINT #70  
N: 590506.82  
E: 2529532.93  
ELEVATION: 503.04  
DESCRIPTION: PK NAIL

**DETECTABLE WARNINGS**  
STA. 301+37.88, 45.00' LT TO  
STA. 301+33.11, 42.00' LT  
10 SQ. FT.

**PAINT PAVEMENT MARKING LINE, 6"**  
STA. 301+21.75, 49.00' LT TO  
STA. 301+36.06, 45.94' LT  
60 FEET

**SIDEWALK REMOVAL**  
STA. 300+87.56, 14.00' LT TO  
STA. 300+95.50, 18.46' LT  
55 SQ. FT.

**P.C.C. SIDEWALK, 5"**  
STA. 300+87.56, 14.00' LT TO  
STA. 300+95.50, 18.46' LT  
55 SQ. FT.

**PAVEMENT REMOVAL**  
STA. 301+41.16, 41.70' RT TO  
STA. 301+52.06, 49.27' RT  
8.1 SQ. YDS.

EXIST. CURVE C80  
PI STA. = 302+51.20  
 $\Delta = 21^\circ 32' 16''$  (RT)  
D = 28° 38' 52"  
R = 200.00'  
T = 38.04'  
L = 75.18'  
E = 3.59'  
P.C. STA. = 302+13.16  
P.T. STA. = 302+88.34






V.E.C. CONTROL POINT #301  
N: 590410.63  
E: 2529561.98  
ELEVATION: 502.95  
DESCRIPTION: PIPE

**REMOVE AND REINSTALL PARKING BLOCKS**  
STA. 300+49.00, 81.00' RT TO  
STA. 300+94.60, 2.00' LT  
17 EACH

**TOPSOIL FURNISH AND PLACE VARIABLE DEPTH**  
STA. 300+49.00, 81.00' RT  
STA. 301+10.72, 51.63' LT  
146 SQ. YD.

**CONCRETE CURB AND GUTTER, TYPE B 6.12**  
STA. 300+49, 20' LT TO  
STA. 301+21, 51' LT  
164 FOOT

**EARTH EXCAVATION (SPECIAL)**  
STA. 300+49, 20' LT TO  
STA. 301+21, 51' RT  
7 CU. YD.

-  - PAVEMENT REMOVAL
-  - HMA SURFACE REMOVAL
-  - SIDEWALK REMOVAL
-  - DETECTABLE WARNINGS
-  - EARTH EXCAVATION (SPECIAL)

FILE NAME =  
#FILE#

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

DESIGNED - R.H.D.	REVISED -
DRAWN - J.T.T.	REVISED -
CHECKED - R.H.D.	REVISED -
DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
SHADY REST ALIGNMENT 1  
SCALE: 1" = 20' SHEET NO. 61 OF 112 SHEETS STA. 300+49 TO STA. 306+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	61

CONTRACT NO. 46223  
ILLINOIS FED. AID PROJECT

JOB NO. 200-081-1 VASCANELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002107

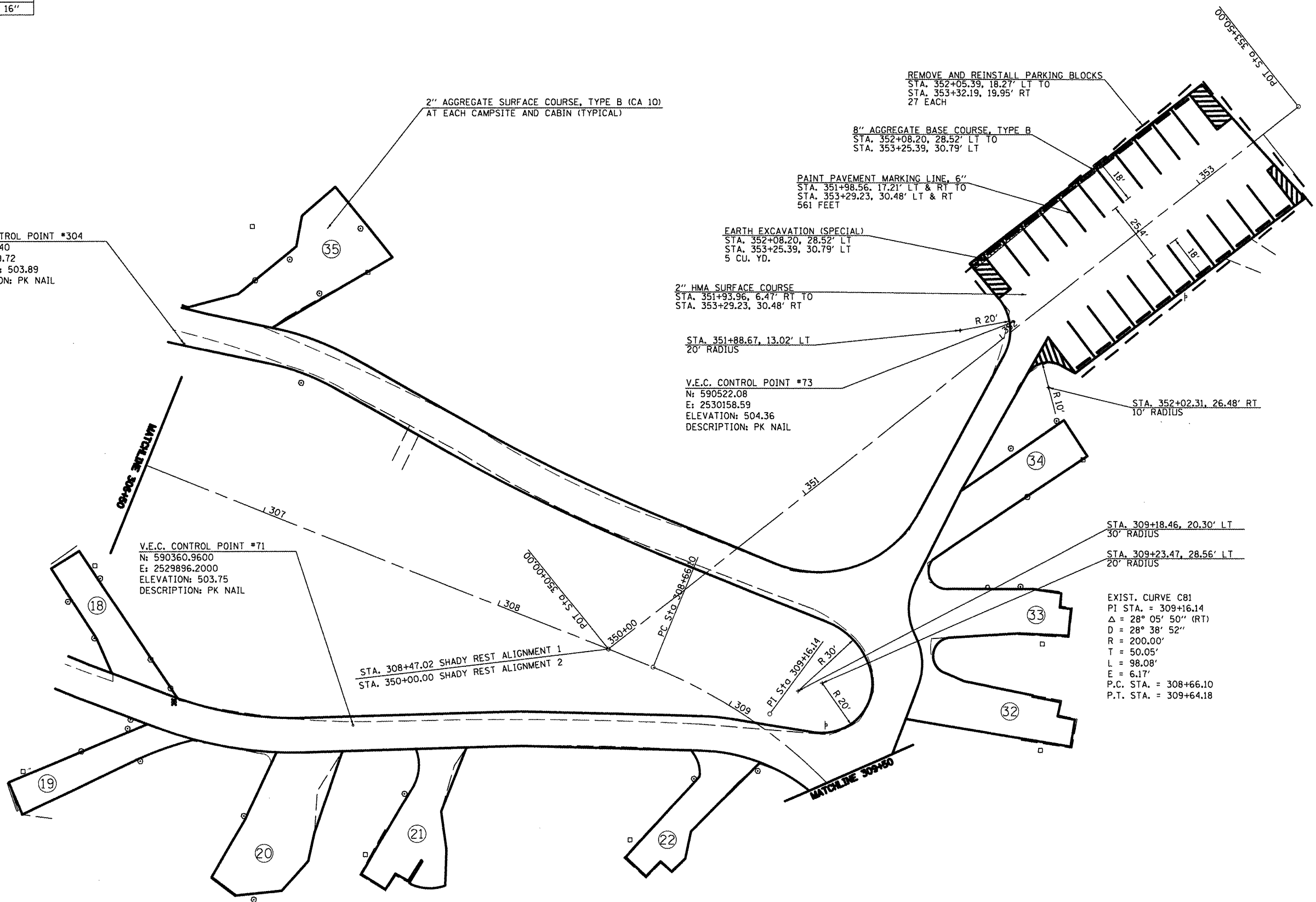
TREE REMOVAL		
STA.	OFFSET	SIZE
306+96 RT	83.75'	16"



V.E.C. CONTROL POINT #304  
 N: 590513.40  
 E: 2529829.72  
 ELEVATION: 503.89  
 DESCRIPTION: PK NAIL

V.E.C. CONTROL POINT #71  
 N: 590360.9600  
 E: 2529896.2000  
 ELEVATION: 503.75  
 DESCRIPTION: PK NAIL

V.E.C. CONTROL POINT #73  
 N: 590522.08  
 E: 2530158.59  
 ELEVATION: 504.36  
 DESCRIPTION: PK NAIL



EXIST. CURVE C81  
 PI STA. = 309+16.14  
 $\Delta$  = 28° 05' 50" (RT)  
 D = 28° 38' 52"  
 R = 200.00'  
 T = 50.05'  
 L = 98.08'  
 E = 6.17'  
 P.C. STA. = 308+66.10  
 P.T. STA. = 309+64.18

- EARTH EXCAVATION (SPECIAL)

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

DESIGNED - R.H.D.  
 DRAWN - J.T.T.  
 CHECKED - R.H.D.  
 DATE - 4/4/12

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

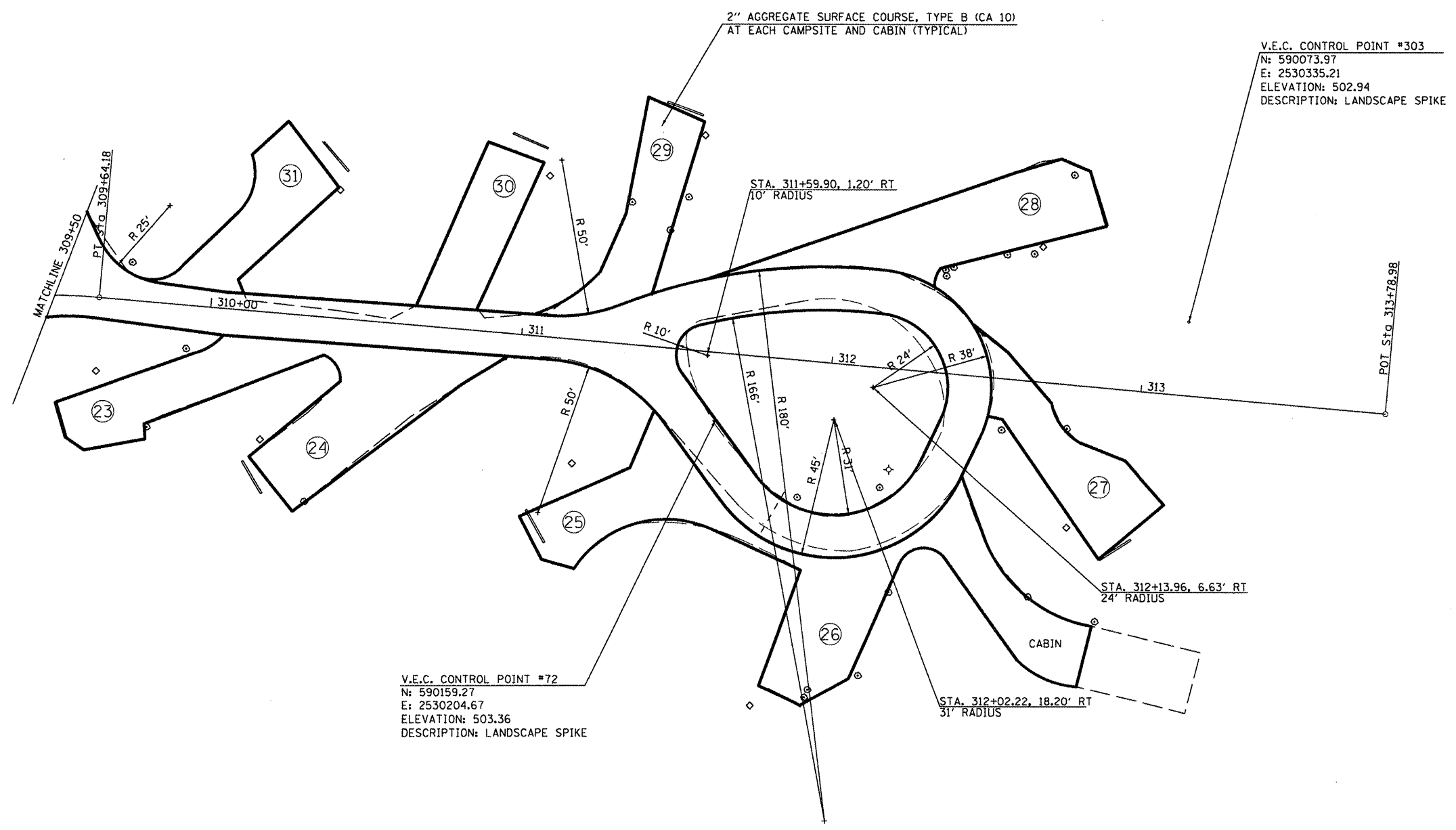
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 SHADY REST ALIGNMENT 1 / SHADY REST ALIGNMENT 2  
 SCALE: 1" = 20' SHEET NO. 62 OF 112 SHEETS STA. 306+60 TO STA. 309+60

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	62
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

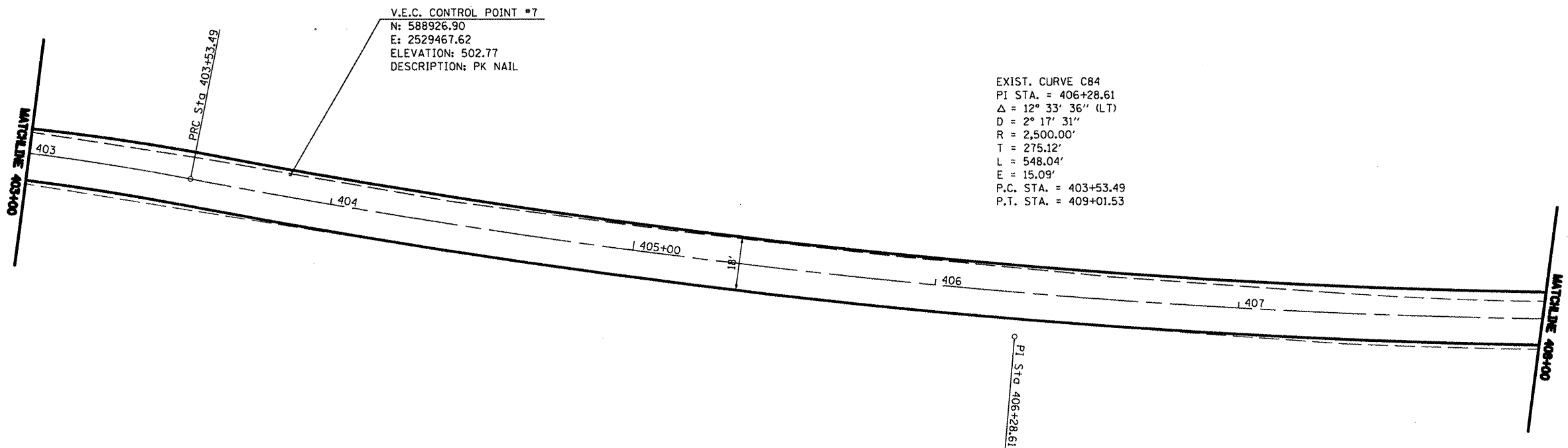
JOB NO. 250-061-B VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000207





FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA SHADY REST ALIGNMENT 2	FA	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	63		
PLOT SCALE = #SCALE#		CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46223				
PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20' SHEET NO. 63 OF 112 SHEETS STA. 309+50 TO STA. 313+78.98						

JOB NO. 250-063-W VASCONEVELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



V.E.C. CONTROL POINT #7  
 N: 588926.90  
 E: 2529467.62  
 ELEVATION: 502.77  
 DESCRIPTION: PK NAIL

EXIST. CURVE C84  
 PI STA. = 406+28.61  
 Δ = 12° 33' 36'' (LT)  
 D = 2° 17' 31''  
 R = 2,500.00'  
 T = 275.12'  
 L = 548.04'  
 E = 15.09'  
 P.C. STA. = 403+53.49  
 P.T. STA. = 409+01.53

FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -
*FILE*		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - R.H.D.	REVISED -
	PLOT DATE = *DATE*	DATE - 4/4/12	REVISED -

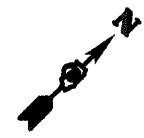
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
 LAZY "L" ALIGNMENT**

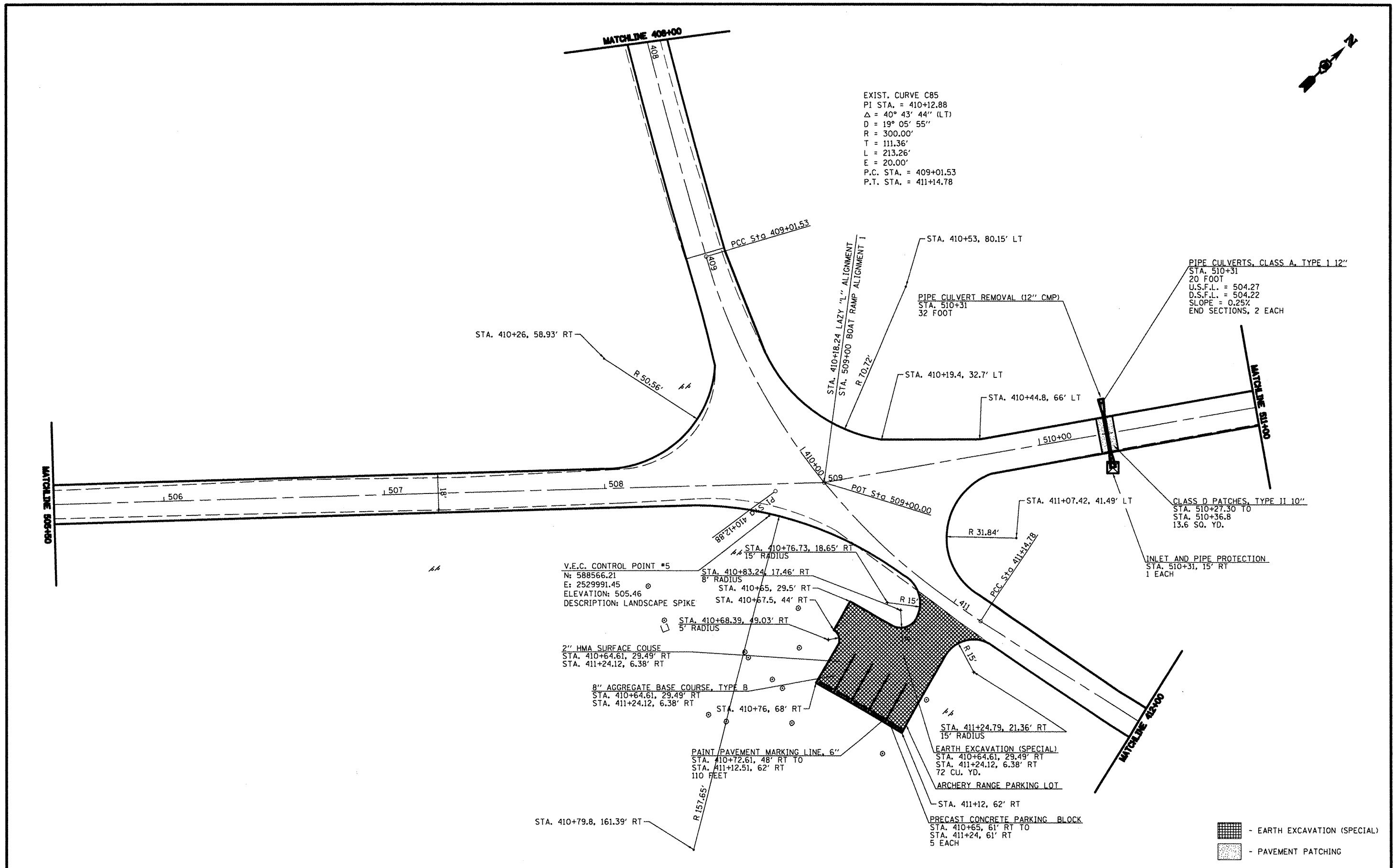
SCALE: 1" = 20'    SHEET NO. 64 OF 112 SHEETS    STA. 403+00 TO STA. 408+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	64
CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT	

JOB NO. 260-081-F VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002607



EXIST. CURVE C85  
 P.I. STA. = 410+12.88  
 $\Delta = 40^\circ 43' 44''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 111.36'$   
 $L = 213.26'$   
 $E = 20.00'$   
 P.C. STA. = 409+01.53  
 P.T. STA. = 411+14.78



V.E.C. CONTROL POINT #5  
 N: 588566.21  
 E: 2529991.45  
 ELEVATION: 505.46  
 DESCRIPTION: LANDSCAPE SPIKE

2" HMA SURFACE COURSE  
 STA. 410+64.61, 29.49' RT  
 STA. 411+24.12, 6.38' RT

8" AGGREGATE BASE COURSE, TYPE B  
 STA. 410+64.61, 29.49' RT  
 STA. 411+24.12, 6.38' RT

PAINT/PAVEMENT MARKING LINE, 6"  
 STA. 410+72.61, 48' RT TO  
 STA. 411+12.51, 62' RT  
 110 FEET

EARTH EXCAVATION (SPECIAL)  
 STA. 410+64.61, 29.49' RT  
 STA. 411+24.12, 6.38' RT  
 72 CU. YD.

ARCHERY RANGE PARKING LOT  
 STA. 411+12, 62' RT  
 PRECAST CONCRETE PARKING BLOCK  
 STA. 410+65, 61' RT TO  
 STA. 411+24, 61' RT  
 5 EACH

PIPE CULVERTS, CLASS A, TYPE 1 12"  
 STA. 510+31  
 20 FOOT  
 U.S.F.L. = 504.27  
 D.S.F.L. = 504.22  
 SLOPE = 0.25%  
 END SECTIONS, 2 EACH

CLASS D PATCHES, TYPE II 10"  
 STA. 510+27.30 TO  
 STA. 510+36.8  
 13.6 SQ. YD.

INLET AND PIPE PROTECTION  
 STA. 510+31, 15' RT  
 1 EACH

- EARTH EXCAVATION (SPECIAL)  
 - PAVEMENT PATCHING

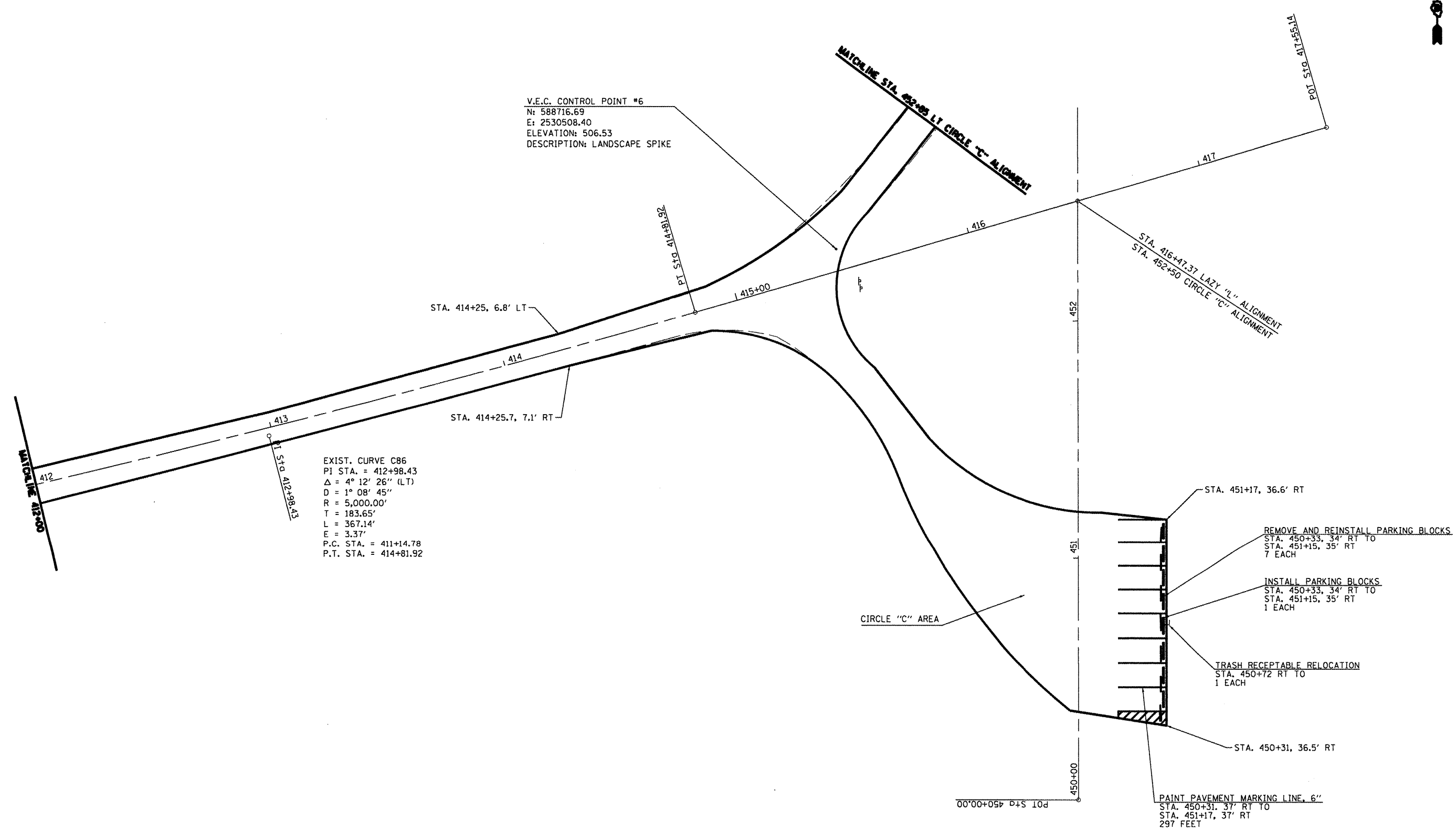
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PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 LAZY "L" ALIGNMENT / BOAT RAMP ALIGNMENT 1  
 SCALE: 1" = 20' SHEET NO. 65 OF 112 SHEETS STA. 408+00 TO STA. 412+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	65
CONTRACT NO. 46223				
ILLINOIS PBL. AND PROJ. BUD.				

JOB NO. 250-081-W VASCORCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207



EXIST. CURVE C86  
 PI STA. = 412+98.43  
 Δ = 4° 12' 26" (LT)  
 D = 1° 08' 45"  
 R = 5,000.00'  
 T = 183.65'  
 L = 367.14'  
 E = 3.37'  
 P.C. STA. = 411+14.78  
 P.T. STA. = 414+81.92

V.E.C. CONTROL POINT #6  
 N: 588716.69  
 E: 2530508.40  
 ELEVATION: 506.53  
 DESCRIPTION: LANDSCAPE SPIKE

FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
		CHECKED - R.J.D.	REVISED -
		DATE - 4/4/12	REVISED -

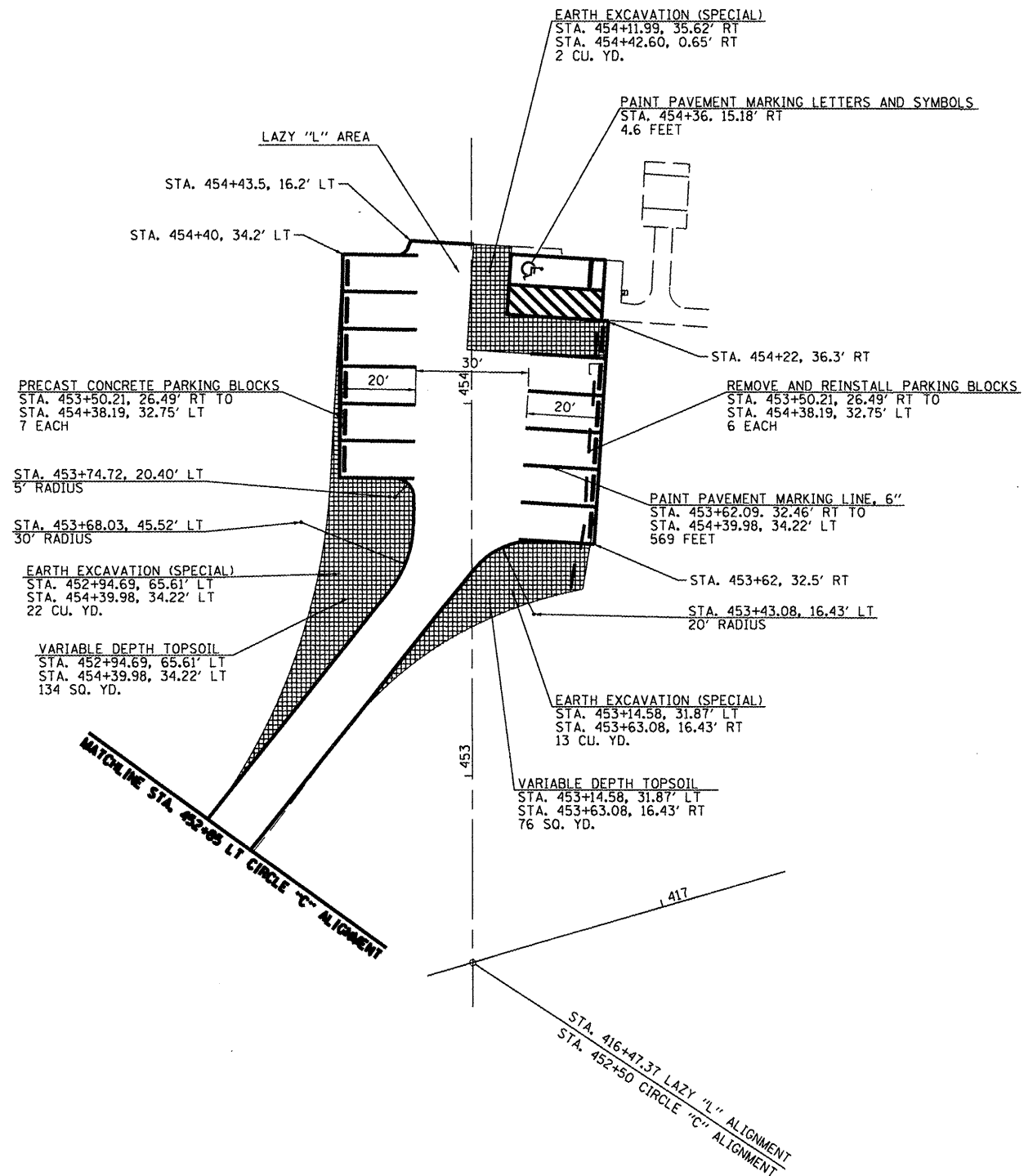
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**LAZY "L" ALIGNMENT / CIRCLE "C" ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 66 OF 112 SHEETS    STA. 412+00 TO STA. 417+55.14

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	66
CONTRACT NO. 46223			ILLINOIS, FED. AND PROJECT	

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



- EARTH EXCAVATION (SPECIAL)

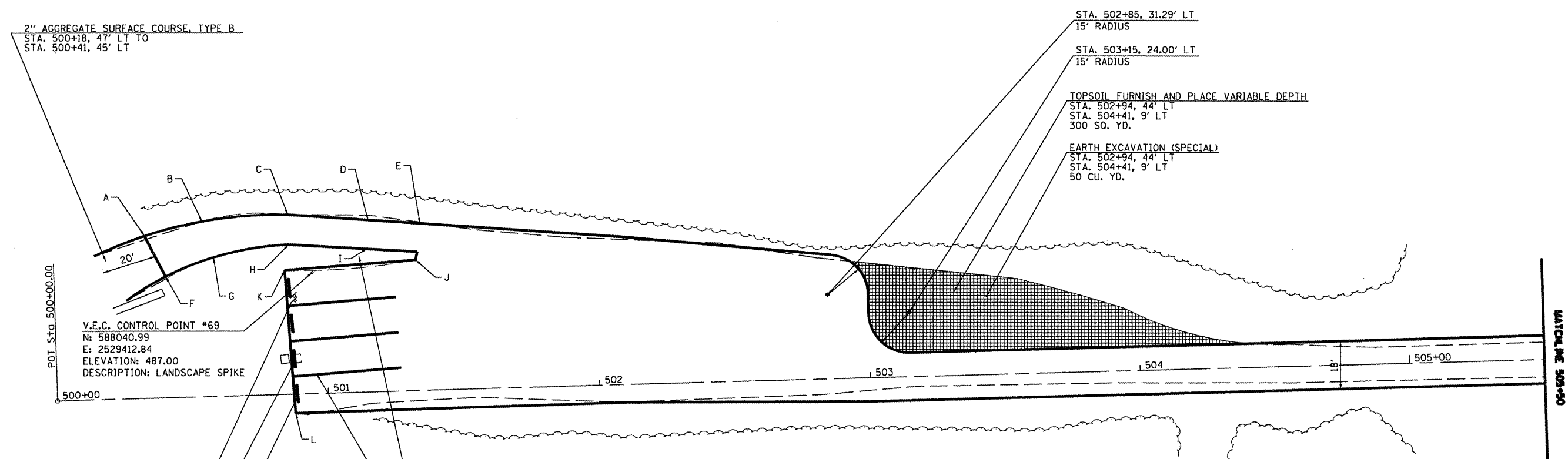
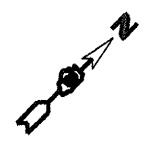
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WASHINGTON COUNTY CONSERVATION AREA CIRCLE "C" ALIGNMENT</b>		
SCALE: 1" = 20'	SHEET NO. 67 OF 112 SHEETS	STA. 452+50 TO STA. 454+71

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	67
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

JOB NO. 200-061-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



2" AGGREGATE SURFACE COURSE, TYPE B  
 STA. 500+18, 47' LT TO  
 STA. 500+41, 45' LT

STA. 502+85, 31.29' LT  
 15' RADIUS

STA. 503+15, 24.00' LT  
 15' RADIUS

TOPSOIL FURNISH AND PLACE VARIABLE DEPTH  
 STA. 502+94, 44' LT  
 STA. 504+41, 9' LT  
 300 SQ. YD.

EARTH EXCAVATION (SPECIAL)  
 STA. 502+94, 44' LT  
 STA. 504+41, 9' LT  
 50 CU. YD.

POT. Sta. 500+00.00  
 V.E.C. CONTROL POINT #69  
 N: 588040.99  
 E: 2529412.84  
 ELEVATION: 487.00  
 DESCRIPTION: LANDSCAPE SPIKE

REMOVE AND RE-ERECT EXISTING SIGN  
 STA. 500+89, 35' LT  
 1 EACH

TRASH RECEPTACLE RELOCATION  
 STA. 500+90 LT  
 1 EACH

REMOVE AND REINSTALL PARKING BLOCKS  
 STA. 500+86, 43' LT TO  
 STA. 500+91, 5' RT  
 5 EACH

TOPSOIL FURNISH AND PLACE VARIABLE DEPTH  
 STA. 500+41 LT TO  
 STA. 501+34 LT  
 114 SQ. YD.

PAINT PAVEMENT MARKING LINE, 6"  
 STA. 500+87 TO  
 STA. 501+28  
 120 FEET

PROPOSED POINTS		
STA.	LT/RT	ELEV.
A	500+34.0, 60.5' LT	480.27
B	500+35.2, 65.3' LT	482.20
C	500+81.0, 66.9' LT	484.98
D	501+16.5, 64.0' LT	486.63
E	501+35.5, 62.2' LT	487.50
F	500+41.2, 45.2' LT	480.61
G	500+59.0, 51.9' LT	482.52
H	500+87.0, 55.8' LT	485.20
I	501+15.7, 53.4' LT	486.87
J	501+33.6, 48.8' LT	487.82
K	500+85.2, 46.2' LT	
L	500+87.7, 07.2' RT	

- EARTH EXCAVATION (SPECIAL)

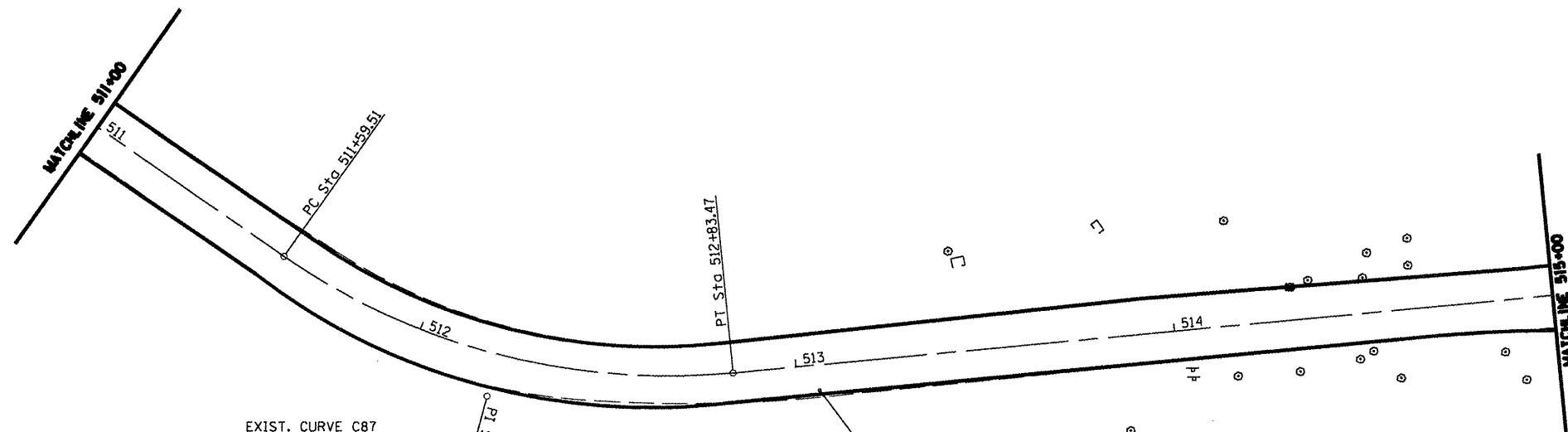
FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA BOAT RAMP ALIGNMENT 1	SCALE: 1" = 20'	SHEET NO. 68 OF 112 SHEETS	STA. 500+00 TO STA. 505+50	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	CHECKED - R.J.D.	REVISED -						WASHINGTON	112	68	
	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -						CONTRACT NO. 46223			

ILLINOIS TOL. AND PROJECT

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



TREE REMOVAL		
STA.	OFFSET	SIZE
514+31 LT	9"	15"



EXIST. CURVE C87  
 PI STA. = 512+24.22  
 $\Delta = 40^\circ 35' 06''$  (LT)  
 $D = 32^\circ 44' 26''$   
 $R = 175.00'$   
 $T = 64.71'$   
 $L = 123.96'$   
 $E = 11.58'$   
 P.C. STA. = 511+59.51  
 P.T. STA. = 512+83.47

V.E.C. CONTROL POINT #64  
 N: 588947.34  
 E: 2530182.81  
 ELEVATION: 507.32  
 DESCRIPTION: LANDSCAPE SPIKE

FILE NAME =	USER NAME = *USER*	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
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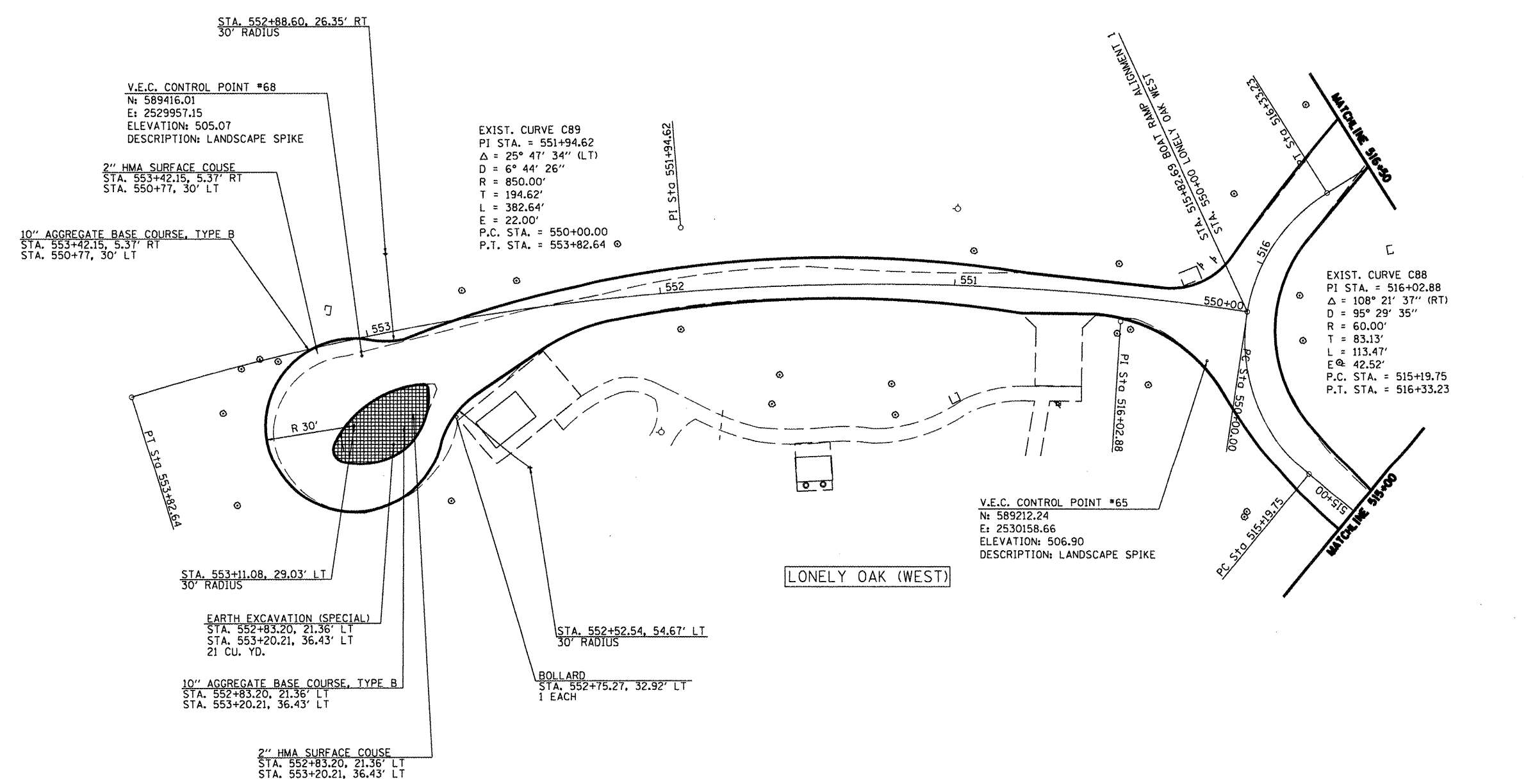
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 BOAT RAMP ALIGNMENT 1

SCALE: 1" = 20' SHEET NO. 69 OF 112 SHEETS STA. 511+00 TO STA. 515+00

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	69
			CONTRACT NO. 46223	
ILLINOIS FED. AID PROJECT				

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000707

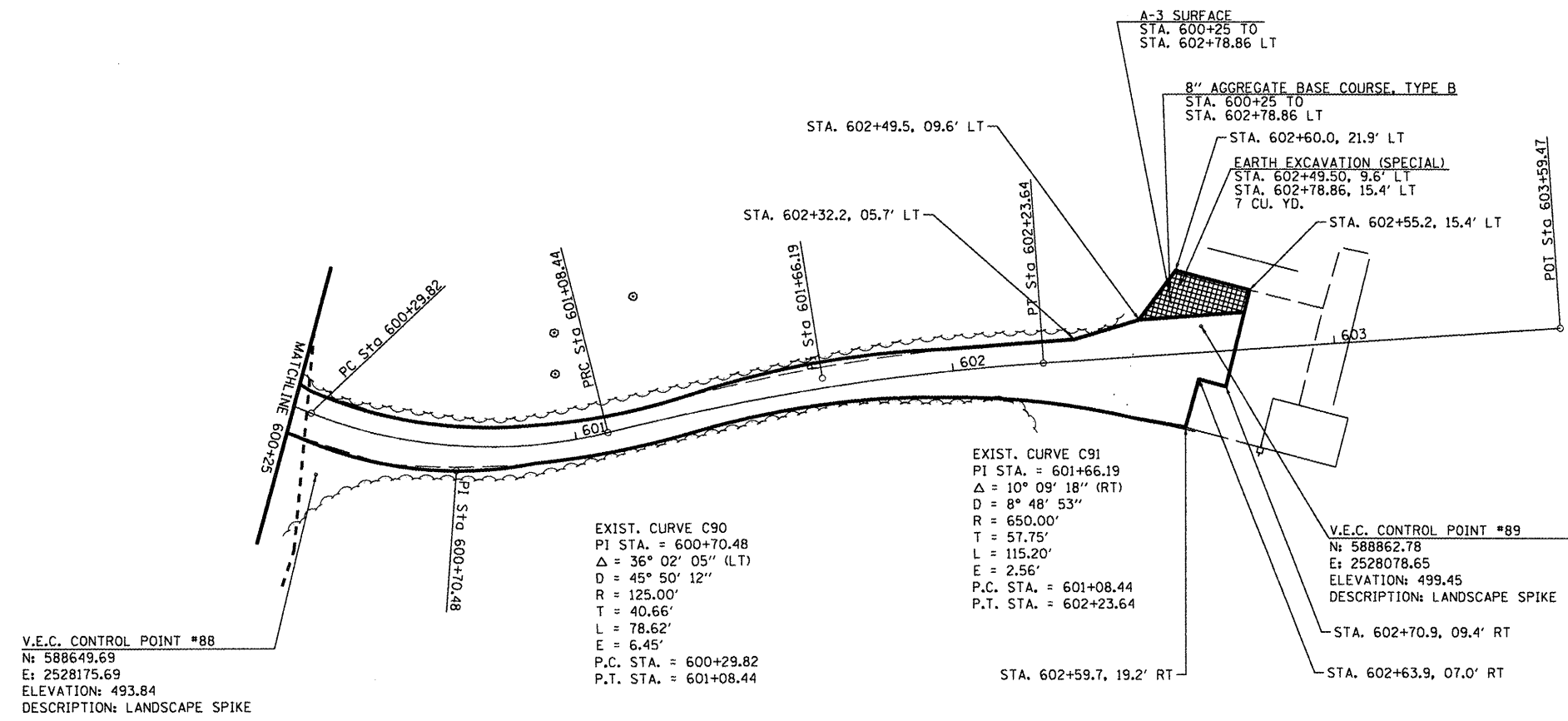


- EARTH EXCAVATION (SPECIAL)

FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA BOAT RAMP ALIGNMENT 1 / LONELY OAK WEST	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	70		
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PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 70 OF 112 SHEETS	STA. 515+00 TO STA. 516+50		

JOB NO. 200-061-P VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

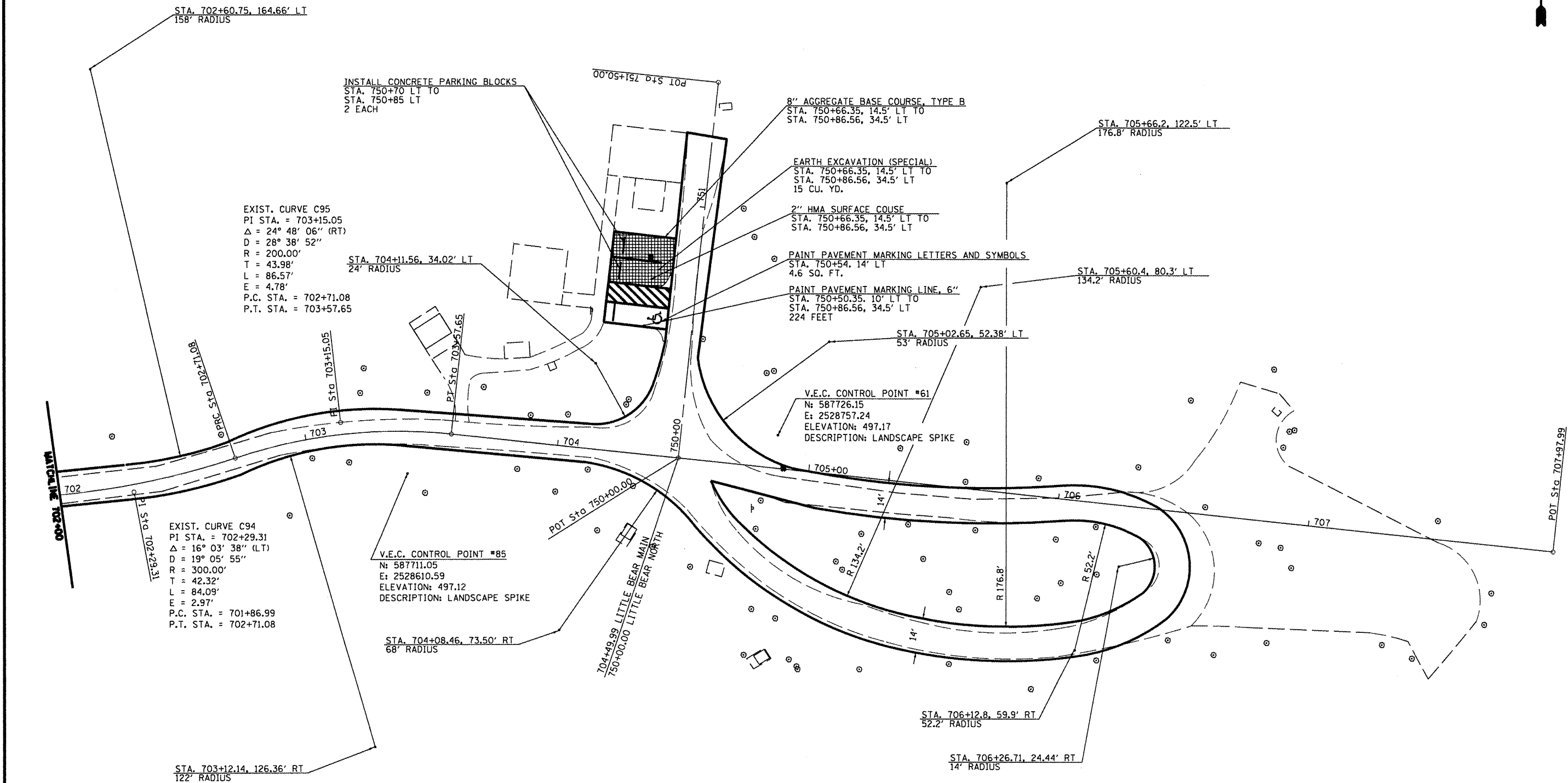




- EARTH EXCAVATION (SPECIAL)

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA SITE RESIDENT ALIGNMENT</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	72		
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PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 20'	SHEET NO. 72 OF 112 SHEETS		STA. 600+25 TO STA. 603+59.47		JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

TREE REMOVAL		
STA.	OFFSET	SIZE
704+90 LT	0	30"
750+78 LT	19'	12"



- EARTH EXCAVATION (SPECIAL)

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
*FILE#		DRAWN - J.T.T.	REVISED -
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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

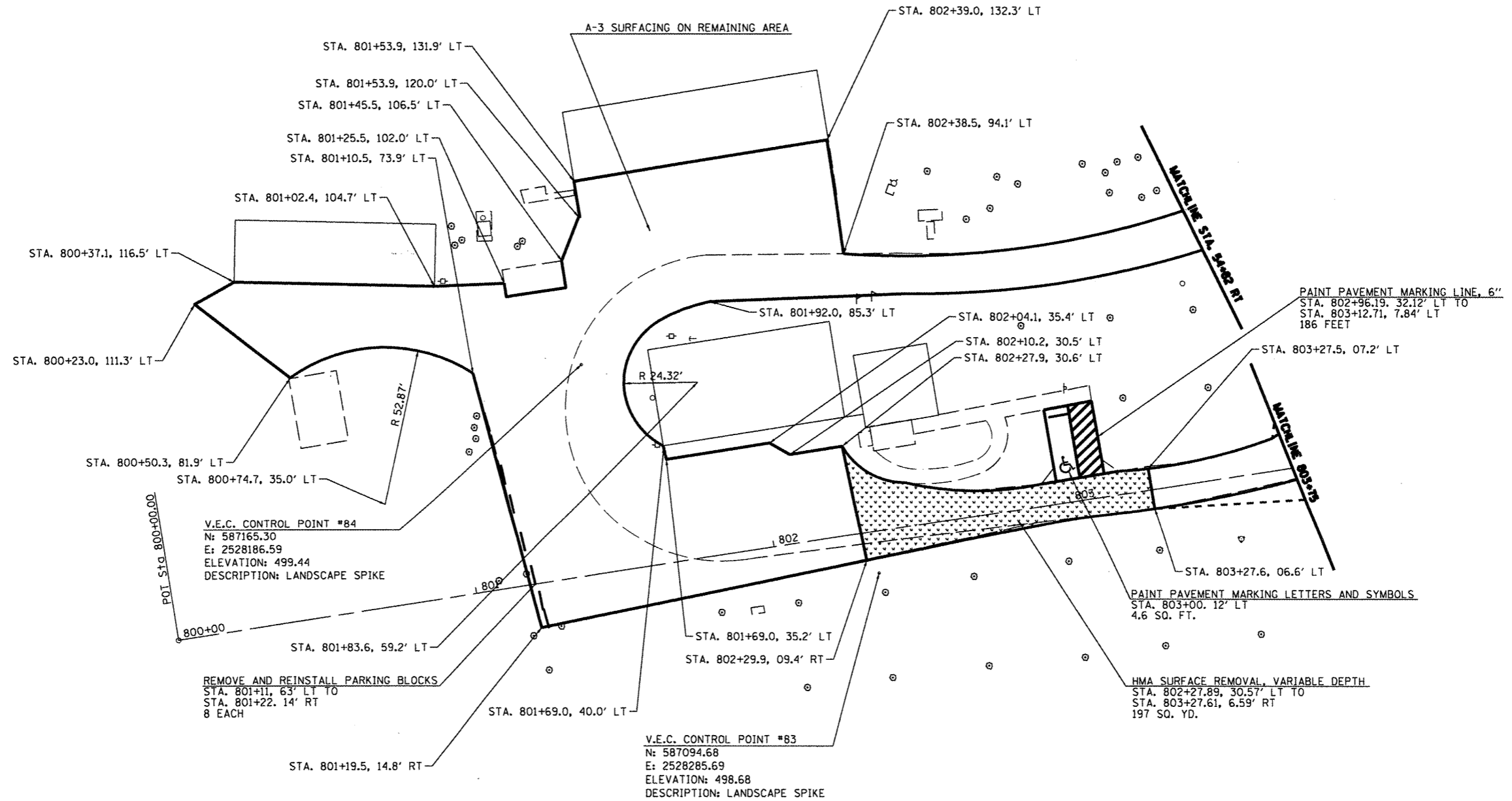
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA**  
**LITTLE BEAR ALIGNMENT**

SCALE: 1" = 20'    SHEET NO. 73 OF 112 SHEETS    STA. 702+00 TO STA. 707+98

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	73
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

JOB NO. 200-061-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002707



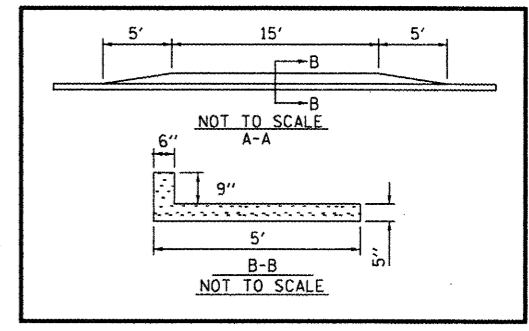
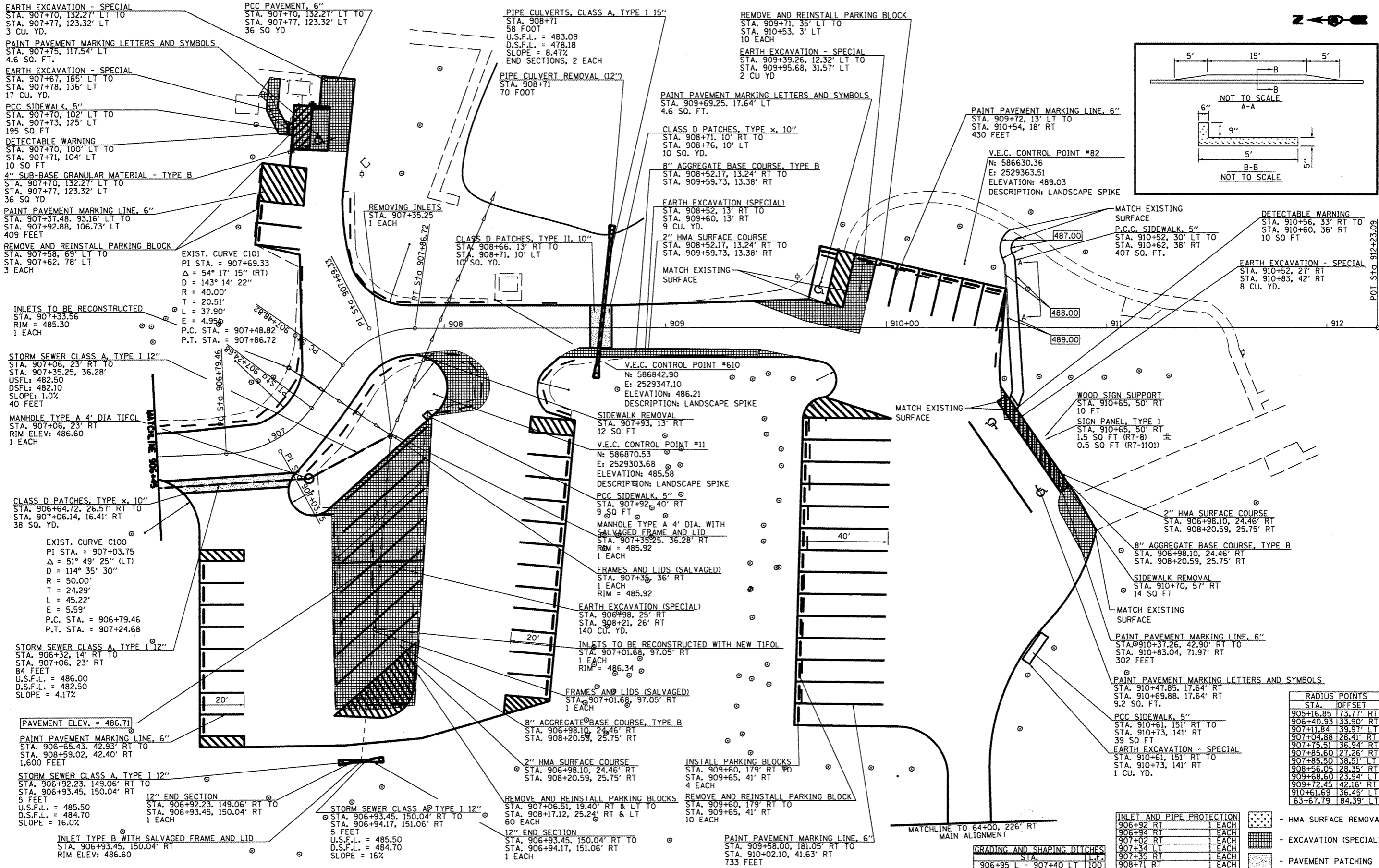
- HMA SURFACE REMOVAL

FILE NAME =	USER NAME = *USER*	DESIGNED - R.J.D.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA SITE OFFICE ALIGNMENT</b>	P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#*		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	74			
PLOT SCALE = *SCALE*		CHECKED - R.J.D.	REVISED -			CONTRACT NO. 46223					
PLOT DATE = *DATE*		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 20'	SHEET NO. 74 OF 112 SHEETS	STA. 800+00 TO STA. 803+75				

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







**EARTH EXCAVATION - SPECIAL**  
 STA. 907+70, 132.27' LT TO  
 STA. 907+77, 123.32' LT  
 3 CU. YD.

**PAINT PAVEMENT MARKING LETTERS AND SYMBOLS**  
 STA. 907+75, 117.54' LT  
 4.6 SQ. FT.

**EARTH EXCAVATION - SPECIAL**  
 STA. 907+67, 165' LT TO  
 STA. 907+78, 136' LT  
 17 CU. YD.

**PCC SIDEWALK, 5"**  
 STA. 907+70, 102' LT TO  
 STA. 907+73, 125' LT  
 195 SQ. FT.

**DETECTABLE WARNING**  
 STA. 907+70, 100' LT TO  
 STA. 907+71, 104' LT  
 10 SQ. FT.

**4" SUB-BASE GRANULAR MATERIAL - TYPE B**  
 STA. 907+70, 132.27' LT TO  
 STA. 907+77, 123.32' LT  
 36 SQ. YD.

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 907+37.48, 93.16' LT TO  
 STA. 907+92.88, 106.73' LT  
 409 FEET

**REMOVE AND REINSTALL PARKING BLOCK**  
 STA. 907+58, 69' LT TO  
 STA. 907+62, 78' LT  
 3 EACH

**INLETS TO BE RECONSTRUCTED**  
 STA. 907+33.56  
 RIM = 485.30  
 1 EACH

**STORM SEWER CLASS A, TYPE I 12"**  
 STA. 907+06, 23' RT TO  
 STA. 907+35.25, 36.28'  
 USFL: 482.50  
 DSFL: 482.10  
 SLOPE: 1.0%  
 40 FEET

**MANHOLE TYPE A 4' DIA TIFOL**  
 STA. 907+06, 23' RT  
 RIM ELEV: 486.60  
 1 EACH

**CLASS D PATCHES, TYPE x, 10"**  
 STA. 906+64.72, 26.57' RT TO  
 STA. 907+06.14, 16.41' RT  
 38 SQ. YD.

**EXIST. CURVE C100**  
 PI STA. = 907+03.75  
 $\Delta = 51^\circ 49' 25''$  (LT)  
 $D = 114^\circ 35' 30''$   
 $R = 50.00'$   
 $T = 24.29'$   
 $L = 45.22'$   
 $E = 5.59'$   
 P.C. STA. = 906+79.46  
 P.T. STA. = 907+24.68

**STORM SEWER CLASS A, TYPE I 12"**  
 STA. 906+32, 14' RT TO  
 STA. 907+06, 23' RT  
 84 FEET  
 U.S.F.L. = 486.00  
 D.S.F.L. = 482.50  
 SLOPE = 4.17%

**PAVEMENT ELEV. = 486.71**

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 906+65.43, 42.93' RT TO  
 STA. 908+59.02, 42.40' RT  
 1,600 FEET

**STORM SEWER CLASS A, TYPE I 12"**  
 STA. 906+92.23, 149.06' RT TO  
 STA. 906+93.45, 150.04' RT  
 5 FEET  
 U.S.F.L. = 485.50  
 D.S.F.L. = 484.70  
 SLOPE = 16.0%

**INLET TYPE B WITH SALVAGED FRAME AND LID**  
 STA. 906+93.45, 150.04' RT  
 RIM ELEV: 486.60

**12" END SECTION**  
 STA. 906+92.23, 149.06' RT TO  
 STA. 906+93.45, 150.04' RT  
 1 EACH

**STORM SEWER CLASS A TYPE I 12"**  
 STA. 906+93.45, 150.04' RT TO  
 STA. 906+94.17, 151.06' RT  
 5 FEET  
 U.S.F.L. = 485.50  
 D.S.F.L. = 484.70  
 SLOPE = 16%

**PCC PAVEMENT, 6"**  
 STA. 907+70, 132.27' LT TO  
 STA. 907+77, 123.32' LT  
 36 SQ. YD.

**PIPE CULVERTS, CLASS A, TYPE 1 15"**  
 STA. 908+71  
 58 FOOT  
 U.S.F.L. = 483.09  
 D.S.F.L. = 478.18  
 SLOPE = 8.47%  
 END SECTIONS, 2 EACH

**REMOVE AND REINSTALL PARKING BLOCK**  
 STA. 909+71, 35' LT TO  
 STA. 910+53, 3' LT  
 10 EACH

**EARTH EXCAVATION - SPECIAL**  
 STA. 909+39.26, 12.32' LT TO  
 STA. 909+95.68, 31.57' LT  
 2 CU. YD.

**PAINT PAVEMENT MARKING LETTERS AND SYMBOLS**  
 STA. 909+69.25, 17.64' LT  
 4.6 SQ. FT.

**CLASS D PATCHES, TYPE x, 10"**  
 STA. 908+71, 10' RT TO  
 STA. 908+76, 10' LT  
 10 SQ. YD.

**8" AGGREGATE BASE COURSE, TYPE B**  
 STA. 908+52.17, 13.24' RT TO  
 STA. 909+59.73, 13.38' RT

**EARTH EXCAVATION (SPECIAL)**  
 STA. 908+52, 13' RT TO  
 STA. 909+60, 13' RT  
 9 CU. YD.

**2" HMA SURFACE COURSE**  
 STA. 908+52.17, 13.24' RT TO  
 STA. 909+59.73, 13.38' RT

**MATCH EXISTING SURFACE**

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+72, 13' LT TO  
 STA. 910+54, 18' RT  
 430 FEET

**V.E.C. CONTROL POINT #82**  
 N: 586630.36  
 E: 2529363.51  
 ELEVATION: 489.03  
 DESCRIPTION: LANDSCAPE SPIKE

**MATCH EXISTING SURFACE**

**DETECTABLE WARNING**  
 STA. 910+56, 33' RT TO  
 STA. 910+60, 36' RT  
 10 SQ. FT.

**EARTH EXCAVATION - SPECIAL**  
 STA. 910+52, 27' RT  
 STA. 910+83, 42' RT  
 8 CU. YD.

**EXIST. CURVE C101**  
 PI STA. = 907+69.33  
 $\Delta = 54^\circ 17' 15''$  (RT)  
 $D = 143^\circ 14' 22''$   
 $R = 40.00'$   
 $T = 20.51'$   
 $L = 37.90'$   
 $E = 4.95'$   
 P.C. STA. = 907+48.82  
 P.T. STA. = 907+86.72

**REMOVING INLETS**  
 STA. 907+35.25  
 1 EACH

**CLASS D PATCHES, TYPE II, 10"**  
 STA. 908+66, 13' RT TO  
 STA. 908+71, 10' LT  
 10' SQ. YD.

**EARTH EXCAVATION (SPECIAL)**  
 STA. 908+52, 13' RT TO  
 STA. 909+60, 13' RT  
 9 CU. YD.

**2" HMA SURFACE COURSE**  
 STA. 908+52.17, 13.24' RT TO  
 STA. 909+59.73, 13.38' RT

**MATCH EXISTING SURFACE**

**V.E.C. CONTROL POINT #610**  
 N: 586842.90  
 E: 2529347.10  
 ELEVATION: 486.21  
 DESCRIPTION: LANDSCAPE SPIKE

**SIDEWALK REMOVAL**  
 STA. 907+93, 13' RT  
 12 SQ. FT.

**V.E.C. CONTROL POINT #11**  
 N: 586870.53  
 E: 2529303.68  
 ELEVATION: 485.58  
 DESCRIPTION: LANDSCAPE SPIKE

**PCC SIDEWALK, 5"**  
 STA. 907+92, 40' RT  
 9 SQ. FT.

**MANHOLE TYPE A 4' DIA. WITH SALVAGED FRAME AND LID**  
 STA. 907+35.25, 36.28' RT  
 RIM = 485.92  
 1 EACH

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+35, 36' RT  
 1 EACH  
 RIM = 485.92

**EARTH EXCAVATION (SPECIAL)**  
 STA. 906+98, 25' RT  
 STA. 908+21, 26' RT  
 140 CU. YD.

**INLETS TO BE RECONSTRUCTED WITH NEW TIFOL**  
 STA. 907+01.68, 97.05' RT  
 1 EACH  
 RIM = 486.34

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+01.68, 97.05' RT  
 1 EACH

**8" AGGREGATE BASE COURSE, TYPE B**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**2" HMA SURFACE COURSE**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**INSTALL PARKING BLOCKS**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 4 EACH

**REMOVE AND REINSTALL PARKING BLOCK**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 10 EACH

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+58.00, 181.05' RT TO  
 STA. 910+02.10, 41.63' RT  
 733 FEET

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+72, 13' LT TO  
 STA. 910+54, 18' RT  
 430 FEET

**V.E.C. CONTROL POINT #82**  
 N: 586630.36  
 E: 2529363.51  
 ELEVATION: 489.03  
 DESCRIPTION: LANDSCAPE SPIKE

**MATCH EXISTING SURFACE**

**DETECTABLE WARNING**  
 STA. 910+56, 33' RT TO  
 STA. 910+60, 36' RT  
 10 SQ. FT.

**EARTH EXCAVATION - SPECIAL**  
 STA. 910+52, 27' RT  
 STA. 910+83, 42' RT  
 8 CU. YD.

**EXIST. CURVE C100**  
 PI STA. = 907+69.33  
 $\Delta = 54^\circ 17' 15''$  (RT)  
 $D = 143^\circ 14' 22''$   
 $R = 40.00'$   
 $T = 20.51'$   
 $L = 37.90'$   
 $E = 4.95'$   
 P.C. STA. = 907+48.82  
 P.T. STA. = 907+86.72

**REMOVING INLETS**  
 STA. 907+35.25  
 1 EACH

**CLASS D PATCHES, TYPE II, 10"**  
 STA. 908+66, 13' RT TO  
 STA. 908+71, 10' LT  
 10' SQ. YD.

**EARTH EXCAVATION (SPECIAL)**  
 STA. 908+52, 13' RT TO  
 STA. 909+60, 13' RT  
 9 CU. YD.

**2" HMA SURFACE COURSE**  
 STA. 908+52.17, 13.24' RT TO  
 STA. 909+59.73, 13.38' RT

**MATCH EXISTING SURFACE**

**V.E.C. CONTROL POINT #610**  
 N: 586842.90  
 E: 2529347.10  
 ELEVATION: 486.21  
 DESCRIPTION: LANDSCAPE SPIKE

**SIDEWALK REMOVAL**  
 STA. 907+93, 13' RT  
 12 SQ. FT.

**V.E.C. CONTROL POINT #11**  
 N: 586870.53  
 E: 2529303.68  
 ELEVATION: 485.58  
 DESCRIPTION: LANDSCAPE SPIKE

**PCC SIDEWALK, 5"**  
 STA. 907+92, 40' RT  
 9 SQ. FT.

**MANHOLE TYPE A 4' DIA. WITH SALVAGED FRAME AND LID**  
 STA. 907+35.25, 36.28' RT  
 RIM = 485.92  
 1 EACH

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+35, 36' RT  
 1 EACH  
 RIM = 485.92

**EARTH EXCAVATION (SPECIAL)**  
 STA. 906+98, 25' RT  
 STA. 908+21, 26' RT  
 140 CU. YD.

**INLETS TO BE RECONSTRUCTED WITH NEW TIFOL**  
 STA. 907+01.68, 97.05' RT  
 1 EACH  
 RIM = 486.34

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+01.68, 97.05' RT  
 1 EACH

**8" AGGREGATE BASE COURSE, TYPE B**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**2" HMA SURFACE COURSE**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**INSTALL PARKING BLOCKS**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 4 EACH

**REMOVE AND REINSTALL PARKING BLOCK**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 10 EACH

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+58.00, 181.05' RT TO  
 STA. 910+02.10, 41.63' RT  
 733 FEET

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+72, 13' LT TO  
 STA. 910+54, 18' RT  
 430 FEET

**V.E.C. CONTROL POINT #82**  
 N: 586630.36  
 E: 2529363.51  
 ELEVATION: 489.03  
 DESCRIPTION: LANDSCAPE SPIKE

**MATCH EXISTING SURFACE**

**DETECTABLE WARNING**  
 STA. 910+56, 33' RT TO  
 STA. 910+60, 36' RT  
 10 SQ. FT.

**EARTH EXCAVATION - SPECIAL**  
 STA. 910+52, 27' RT  
 STA. 910+83, 42' RT  
 8 CU. YD.

**EXIST. CURVE C100**  
 PI STA. = 907+69.33  
 $\Delta = 54^\circ 17' 15''$  (RT)  
 $D = 143^\circ 14' 22''$   
 $R = 40.00'$   
 $T = 20.51'$   
 $L = 37.90'$   
 $E = 4.95'$   
 P.C. STA. = 907+48.82  
 P.T. STA. = 907+86.72

**REMOVING INLETS**  
 STA. 907+35.25  
 1 EACH

**CLASS D PATCHES, TYPE II, 10"**  
 STA. 908+66, 13' RT TO  
 STA. 908+71, 10' LT  
 10' SQ. YD.

**EARTH EXCAVATION (SPECIAL)**  
 STA. 908+52, 13' RT TO  
 STA. 909+60, 13' RT  
 9 CU. YD.

**2" HMA SURFACE COURSE**  
 STA. 908+52.17, 13.24' RT TO  
 STA. 909+59.73, 13.38' RT

**MATCH EXISTING SURFACE**

**V.E.C. CONTROL POINT #610**  
 N: 586842.90  
 E: 2529347.10  
 ELEVATION: 486.21  
 DESCRIPTION: LANDSCAPE SPIKE

**SIDEWALK REMOVAL**  
 STA. 907+93, 13' RT  
 12 SQ. FT.

**V.E.C. CONTROL POINT #11**  
 N: 586870.53  
 E: 2529303.68  
 ELEVATION: 485.58  
 DESCRIPTION: LANDSCAPE SPIKE

**PCC SIDEWALK, 5"**  
 STA. 907+92, 40' RT  
 9 SQ. FT.

**MANHOLE TYPE A 4' DIA. WITH SALVAGED FRAME AND LID**  
 STA. 907+35.25, 36.28' RT  
 RIM = 485.92  
 1 EACH

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+35, 36' RT  
 1 EACH  
 RIM = 485.92

**EARTH EXCAVATION (SPECIAL)**  
 STA. 906+98, 25' RT  
 STA. 908+21, 26' RT  
 140 CU. YD.

**INLETS TO BE RECONSTRUCTED WITH NEW TIFOL**  
 STA. 907+01.68, 97.05' RT  
 1 EACH  
 RIM = 486.34

**FRAMES AND LIDS (SALVAGED)**  
 STA. 907+01.68, 97.05' RT  
 1 EACH

**8" AGGREGATE BASE COURSE, TYPE B**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**2" HMA SURFACE COURSE**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**INSTALL PARKING BLOCKS**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 4 EACH

**REMOVE AND REINSTALL PARKING BLOCK**  
 STA. 909+60, 179' RT TO  
 STA. 909+65, 41' RT  
 10 EACH

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 909+58.00, 181.05' RT TO  
 STA. 910+02.10, 41.63' RT  
 733 FEET

**WOOD SIGN SUPPORT**  
 STA. 910+65, 50' RT  
 10 FT

**SIGN PANEL, TYPE 1**  
 STA. 910+65, 50' RT  
 1.5 SQ. FT (R7-B)  
 0.5 SQ. FT (R7-1101)

**2" HMA SURFACE COURSE**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**8" AGGREGATE BASE COURSE, TYPE B**  
 STA. 906+98.10, 24.46' RT  
 STA. 908+20.59, 25.75' RT

**SIDEWALK REMOVAL**  
 STA. 910+70, 57' RT  
 14 SQ. FT.

**MATCH EXISTING SURFACE**

**PAINT PAVEMENT MARKING LINE, 6"**  
 STA. 910+37.26, 42.90' RT TO  
 STA. 910+83.04, 71.97' RT  
 302 FEET

**PAINT PAVEMENT MARKING LETTERS AND SYMBOLS**  
 STA. 910+47.85, 17.64' RT  
 STA. 910+69.88, 17.64' RT  
 9.2 SQ. FT.

**PCC SIDEWALK, 5"**  
 STA. 910+61, 151' RT TO  
 STA. 910+73, 141' RT  
 39 SQ. FT.

**EARTH EXCAVATION - SPECIAL**  
 STA. 910+61, 151' RT TO  
 STA. 910+73, 141' RT  
 1 CU. YD.

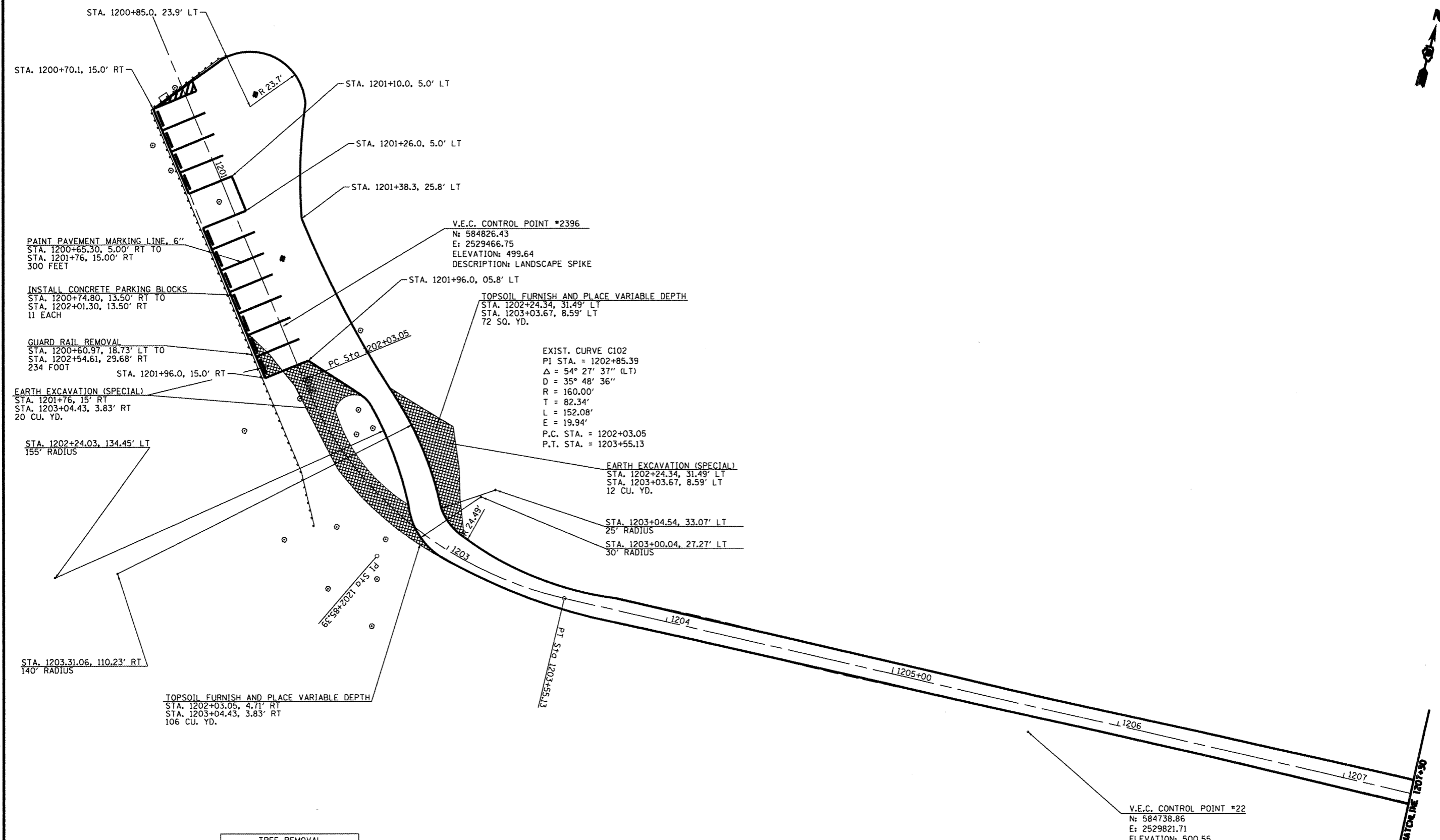
RADIUS POINTS	
STA.	OFFSET
905+16.85	173.77' RT
906+40.93	33.90' RT
907+11.84	39.97' LT
907+04.88	28.41' RT
907+75.51	36.94' RT
907+85.60	27.26' RT
907+85.50	38.51' LT
908+56.05	28.35' RT
909+68.60	23.94' LT
909+72.45	42.16' LT
910+61.69	36.45' LT
63+67.79	84.39' LT

INLET AND PIPE PROTECTION		
906+92 RT	1 EACH	- HMA SURFACE REMOVAL
906+94 RT	1 EACH	- EXCAVATION (SPECIAL)
907+02 RT	1 EACH	- PAVEMENT PATCHING
907+34 LT	1 EACH	
907+35 RT	1 EACH	
908+71 RT	1 EACH	

FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WASHINGTON COUNTY CONSERVATION AREA</b> <b>PONDEROSA</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
#FILE#		DRAWN - J.T.T.	REVISED -			WASHINGTON	112	76	
PLOT SCALE = #SCALE#		CHECKED - R.J.D.	REVISED -			CONTRACT NO. 46223			
PLOT DATE = #DATE#		DATE - 4/4/12	REVISED -			ALL RIGHTS RESERVED			

SCALE: 1" = 20'    SHEET NO. 76 OF 112 SHEETS    STA. 906+45 TO STA. 912+23.02

JOB NO. 210-061-B VASCONELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



V.E.C. CONTROL POINT #2396  
 N: 584826.43  
 E: 2529466.75  
 ELEVATION: 499.64  
 DESCRIPTION: LANDSCAPE SPIKE

EXIST. CURVE C102  
 PI STA. = 1202+85.39  
 $\Delta = 54^\circ 27' 37''$  (LT)  
 D = 35° 48' 36"  
 R = 160.00'  
 T = 82.34'  
 L = 152.08'  
 E = 19.94'  
 P.C. STA. = 1202+03.05  
 P.T. STA. = 1203+55.13

EARTH EXCAVATION (SPECIAL)  
 STA. 1202+24.34, 31.49' LT  
 STA. 1203+03.67, 8.59' LT  
 12 CU. YD.

PAINT PAVEMENT MARKING LINE, 6"  
 STA. 1200+65.30, 5.00' RT TO  
 STA. 1201+76, 15.00' RT  
 300 FEET

INSTALL CONCRETE PARKING BLOCKS  
 STA. 1200+74.80, 13.50' RT TO  
 STA. 1202+01.30, 13.50' RT  
 11 EACH

GUARD RAIL REMOVAL  
 STA. 1200+60.97, 18.73' LT TO  
 STA. 1202+54.61, 29.68' RT  
 234 FOOT

EARTH EXCAVATION (SPECIAL)  
 STA. 1201+76, 15' RT  
 STA. 1203+04.43, 3.83' RT  
 20 CU. YD.

STA. 1202+24.03, 134.45' LT  
 155' RADIUS

STA. 1203.31.06, 110.23' RT  
 140' RADIUS

TOPSOIL FURNISH AND PLACE VARIABLE DEPTH  
 STA. 1202+03.05, 4.71' RT  
 STA. 1203+04.43, 3.83' RT  
 106 CU. YD.

V.E.C. CONTROL POINT #22  
 N: 584738.86  
 E: 2529821.71  
 ELEVATION: 500.55  
 DESCRIPTION: LANDSCAPE SPIKE

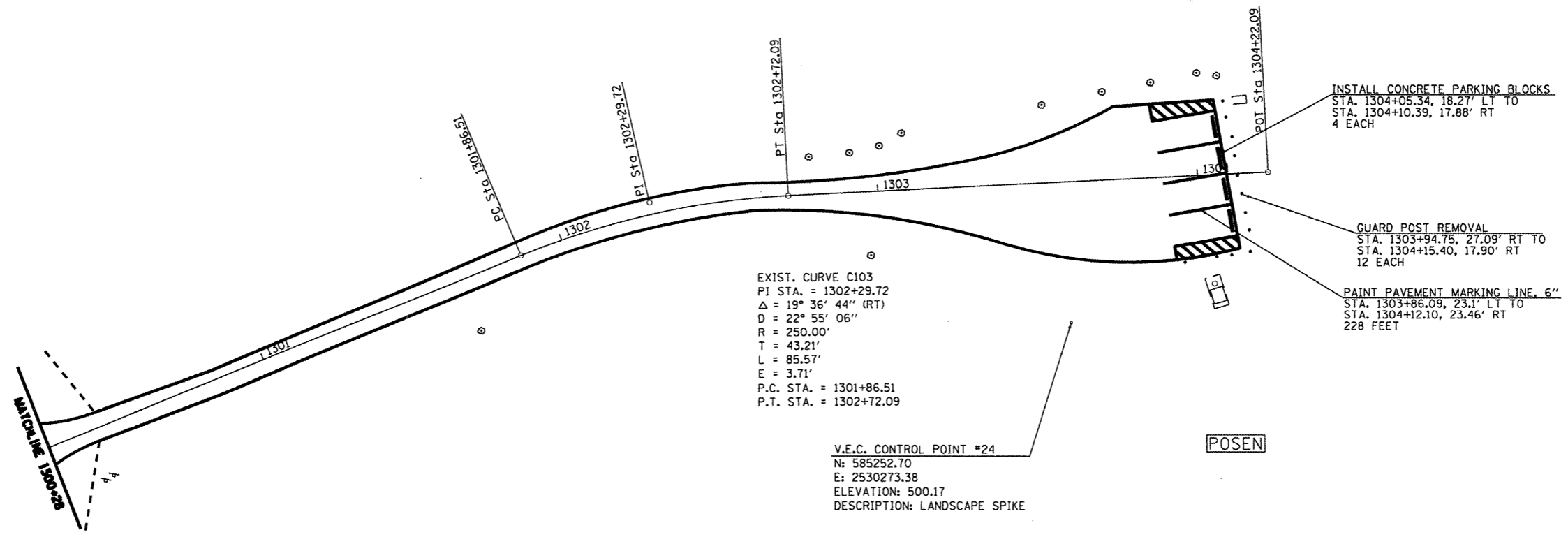
TREE REMOVAL		
STA.	OFFSET	SIZE
1200+81 LT	28'	24"
1201+51 LT	12'	24"

THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT TREES THAT ARE TO REMAIN FROM DAMAGE DURING CONSTRUCTION TO THE TRUNK AND THE ROOTS.

- EARTH EXCAVATION (SPECIAL)

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA LOOKOUT ALIGNMENT		SECTION WASHINGTON CONTRACT NO. 46223	TOTAL SHEETS	SHEET NO.	
		DRAWN - J.T.T.	REVISED -		SCALE: 1" = 20'	SHEET NO. 77 OF 112 SHEETS		STA. 1200+83 TO STA. 1206+37	112	77
		CHECKED - R.J.D.	REVISED -		ILLINOIS FED. AID PROJECT					
		DATE - 4/4/12	REVISED -							

JOB NO. 250-061-B VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002101



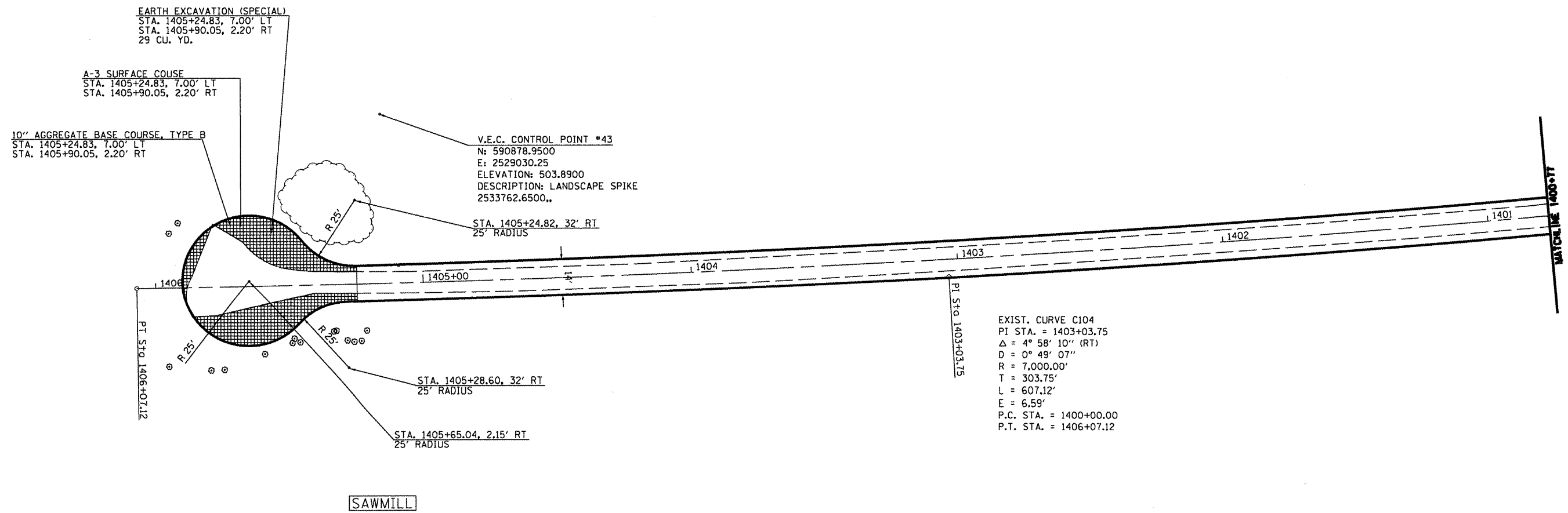
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#FILE#		DRAWN - J.T.T.	REVISED -
	PLOT SCALE = #SCALE*	CHECKED - R.J.D.	REVISED -
	PLOT DATE = #DATE*	DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>WASHINGTON COUNTY CONSERVATION AREA POSEN</b>	
SCALE: 1" = 20'	SHEET NO. 78 OF 112 SHEETS
STA. 1300+28 TO STA. 1304+22	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	78
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

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



EXIST. CURVE C104  
 PI STA. = 1403+03.75  
 $\Delta$  = 4° 58' 10" (RT)  
 D = 0° 49' 07"  
 R = 7,000.00'  
 T = 303.75'  
 L = 607.12'  
 E = 6.59'  
 P.C. STA. = 1400+00.00  
 P.T. STA. = 1406+07.12

FILE NAME =  
 \*FILE\*

USER NAME = \*USER\*  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = \*DATE\*

DESIGNED - R.M.D.  
 DRAWN - J.T.T.  
 CHECKED - R.M.D.  
 DATE - 4/4/12

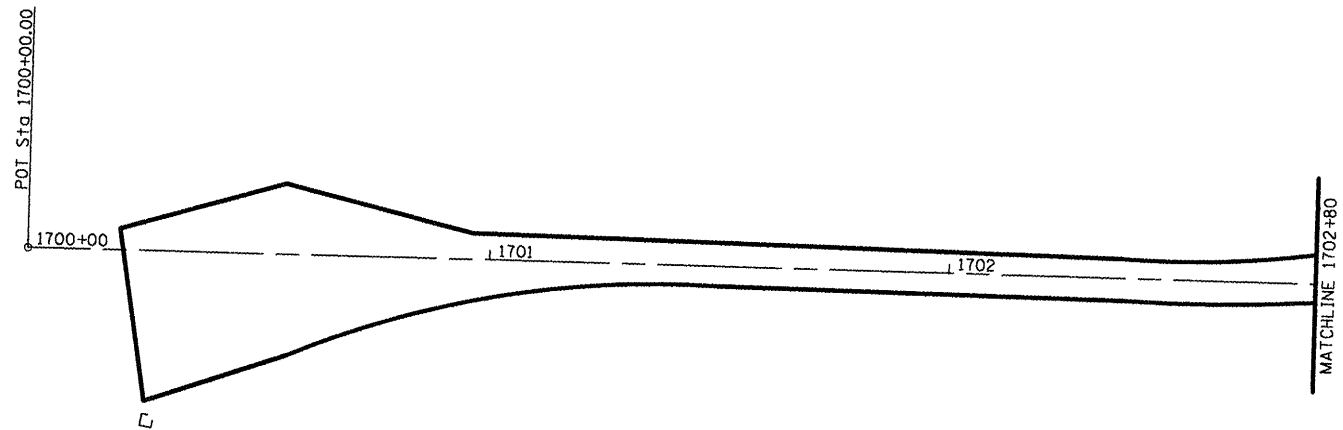
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
 SAWMILL  
 SCALE: 1" = 20'  
 SHEET NO. 79 OF 112 SHEETS  
 STA. 1400+77 TO STA. 1406+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	79
CONTRACT NO. 46223			ILLINOIS FED. AID PROJECT	

JOB NO. 20-061-R VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

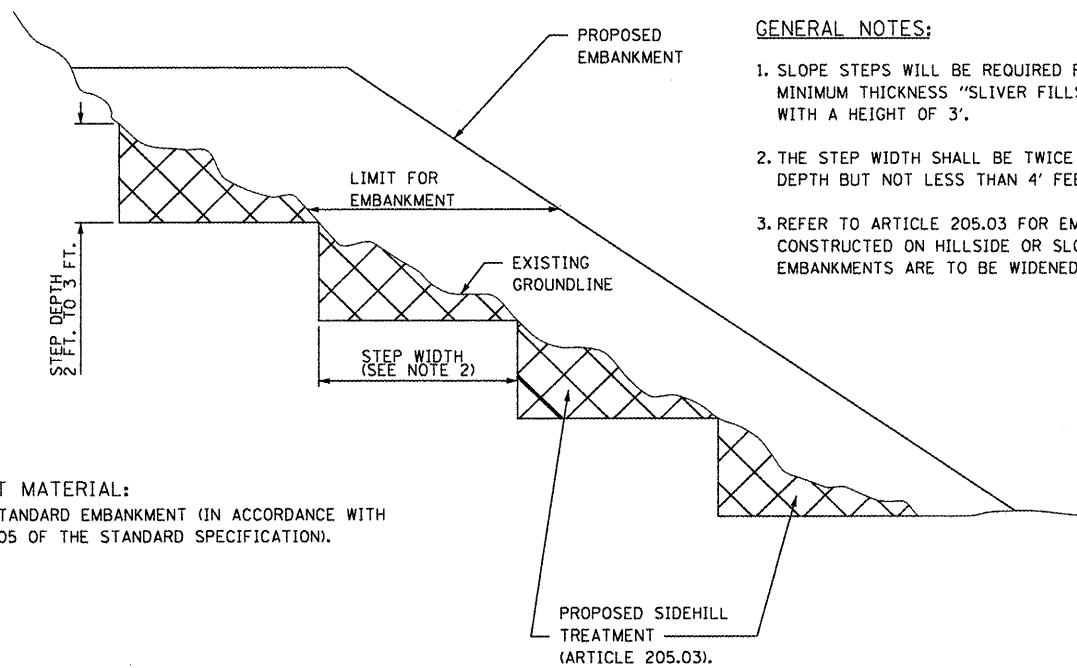


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	PLOT SCALE = #SCALE#	DRAWN - J.T.T.	REVISED -		WASHINGTON	112						80	
	PLOT DATE = #DATE#	CHECKED - R.H.D.	REVISED -		CONTRACT NO. 46223								
	DATE - 4/4/12	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

JOB NO. 250-081-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 19-00207

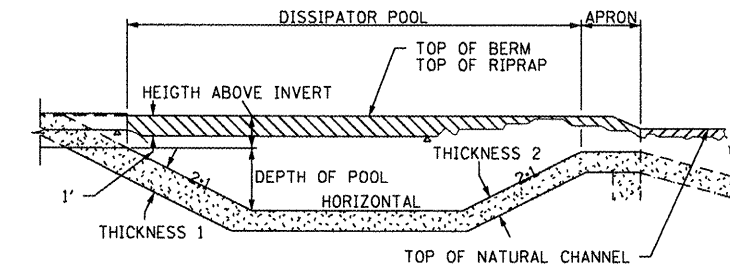
**SLOPE STEPS DETAIL**

TYPICAL CROSS-SECTION EMBANKMENT  
CONSTRUCTION ON SIDEHILL



**GENERAL NOTES:**

1. SLOPE STEPS WILL BE REQUIRED FOR ALL 12" MINIMUM THICKNESS "SLIVER FILLS" AND ON A FILLS WITH A HEIGHT OF 3'.
2. THE STEP WIDTH SHALL BE TWICE THE STEP DEPTH BUT NOT LESS THAN 4' FEET.
3. REFER TO ARTICLE 205.03 FOR EMBANKMENT TO BE CONSTRUCTED ON HILLSIDE OR SLOPES, OR IF EXISTING EMBANKMENTS ARE TO BE WIDENED.

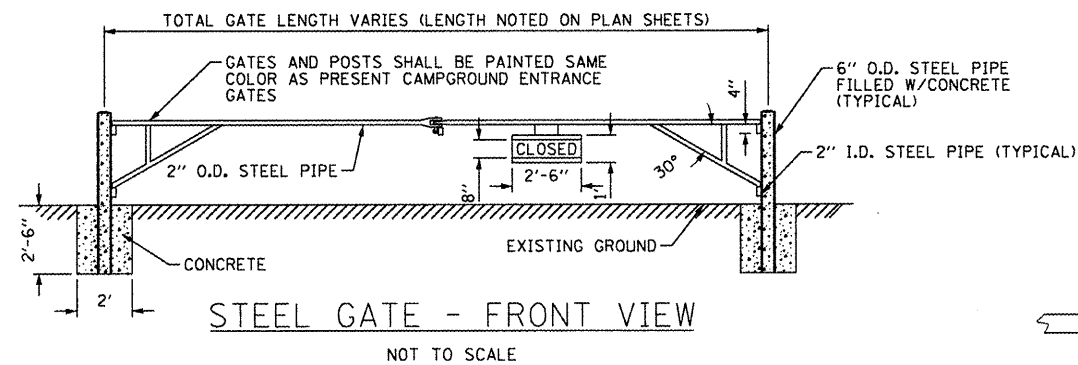


**PLUNGE POOL SECTION**  
NOT TO SCALE

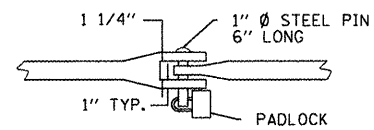
RIPRAP BASIN SIZING										
STATION	PIPE	RIPRAP AREA	POOL LENGTH	APRON LENGTH	DEPTH OF POOL	HEIGHT ABOVE INVERT				
LOCATION	SIZE	(SQ. YD.)	(FEET)	(FEET)	(FEET)	(FEET)	RIPRAP GRAD.	THICK. 1 (FEET)	THICK. 2 (FEET)	
<b>MAIN ROAD</b>										
LT 13+33	24"	18	8	4	0.4	1.7	RR 3	1.7	1.2	
LT 25+41	15"	12	5	2	0.5	1.7	RR 2	0.7	0.5	
LT 31+10	24"	15	6	3	0.6	1.6	RR 2	0.7	0.5	
LT 33+64	15"	8	4	1	0.1	1.7	RR 3	1.7	1.2	
LT 38+00	48" & 36"	260	24	31	2.4	3.3	RR 5	3.3	2.5	
LT 39+40	18"	18	5	6	0.5	1.9	RR 3	1.7	1.2	
LT 54+43	15"	10	4	4	0.3	1.5	RR 3	1.7	1.2	
LT 60+24	24"	14	6	2	0.4	1.7	RR 2	0.7	0.5	
LT 102+02	12"	10	5	3	0.5	1.4	RR 3	1.7	1.2	
LT 108+56	12"	12	5	4	0.5	1.5	RR 3	1.7	1.2	
LT 113+04	24"	15	6	2	0.4	2.3	RR 3	1.7	1.2	
LT 114+38	24"	12	5	2	0.3	1.9	RR 3	1.7	1.2	
LT 122+05	48"	48	12	5	0.9	2.9	RR 3	1.7	1.2	
LT 131+80	12"	10	5	2	0.5	1.4	RR 2	0.7	0.5	
LT 137+11	24"	36	9	8	1.0	2.1	RR 3	1.7	1.2	
LT 141+97	18"	30	11	5	1.1	1.7	RR 3	1.7	1.2	
LT 150+95	15"	12	5	2	0.5	1.8	RR 3	1.7	1.2	
RT 164+68	12"	12	3	5	0.3	1.7	RR 3	1.7	1.2	
LT 168+66	18"	21	5	8	0.3	2.1	RR 3	1.7	1.2	
LT 174+79	2 @ 48"	63	12	5	1.0	3.5	RR 4	2.5	1.9	
RT 192+93	EQV 18"	16	6	2	0.0	2.0	RR 3	1.7	1.2	
LT 199+03	24"	21	6	5	0.3	2.0	RR 3	1.7	1.2	
LT 205+84	2 @ EQV 48"	272	16	27	1.6	4.2	RR 4	2.5	1.9	
LT 216+23	EQV 48"	82	15	11	0.1	3.3	RR 3	1.7	1.2	
LT 220+56	24"	53	15	7	1.5	2.2	RR 3	1.7	1.2	
<b>ENTRANCE ROAD</b>										
RT 1505+74	EQV 30"	28	8	2	0.8	2.5	RR 3	1.7	1.2	

REPLACEMENT MATERIAL:

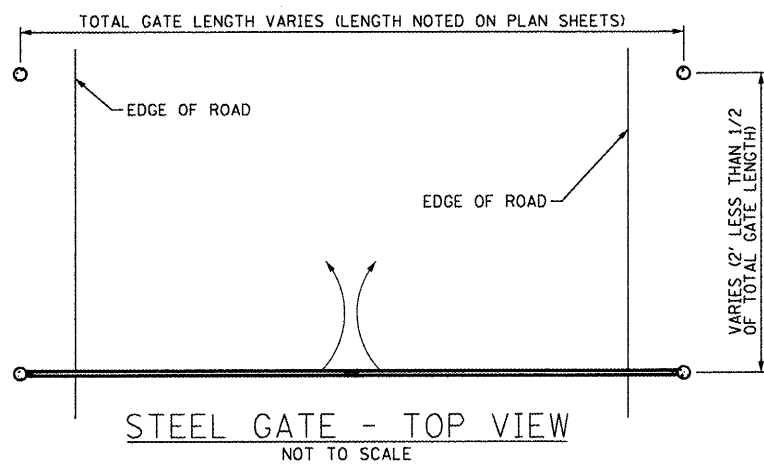
STANDARD EMBANKMENT (IN ACCORDANCE WITH 205 OF THE STANDARD SPECIFICATION).



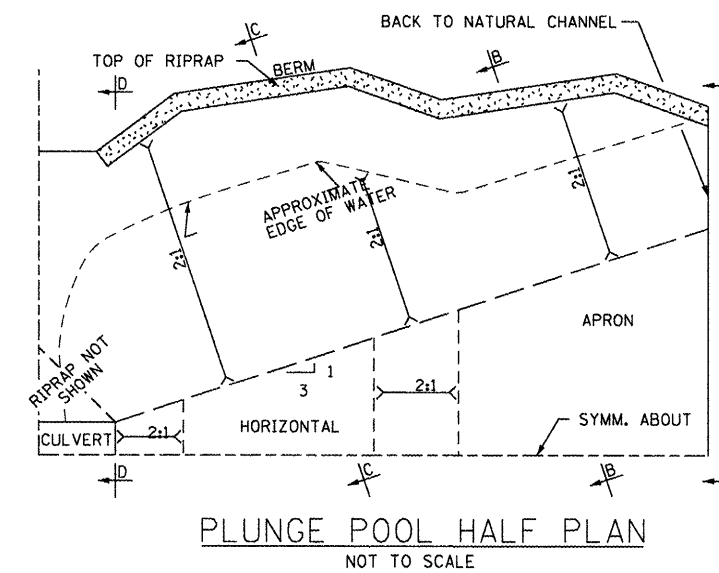
**STEEL GATE - FRONT VIEW**  
NOT TO SCALE



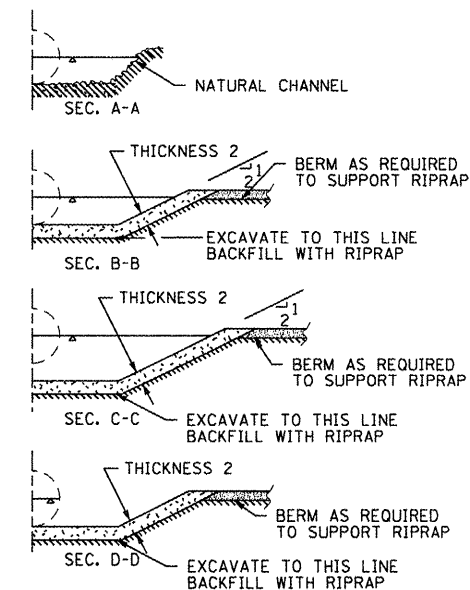
**STEEL GATE - CATCH DETAIL**  
NOT TO SCALE



**STEEL GATE - TOP VIEW**  
NOT TO SCALE



**PLUNGE POOL HALF PLAN**  
NOT TO SCALE



FILE NAME =	USER NAME = #USER#	DESIGNED - R.J.D.	REVISED -
#FILE#		DRAWN - J.T.T.	REVISED -
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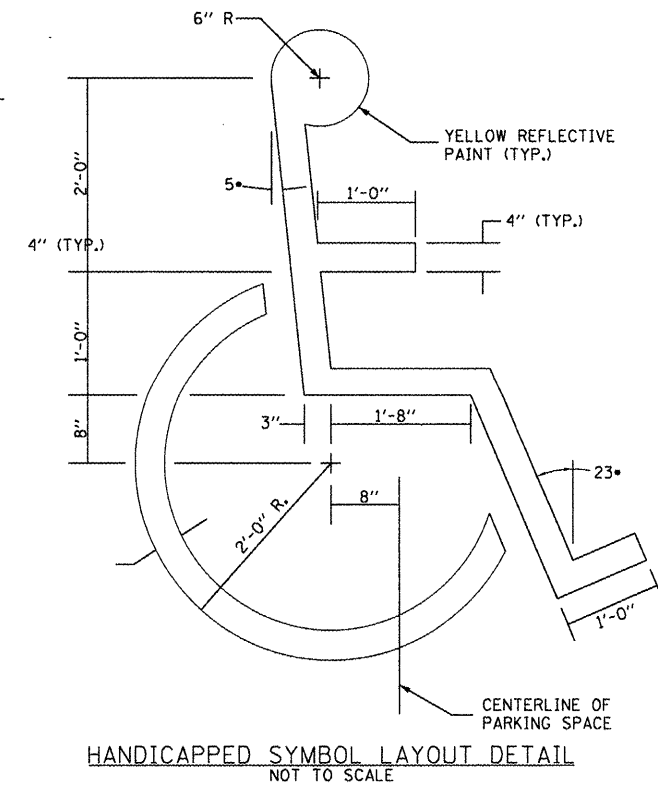
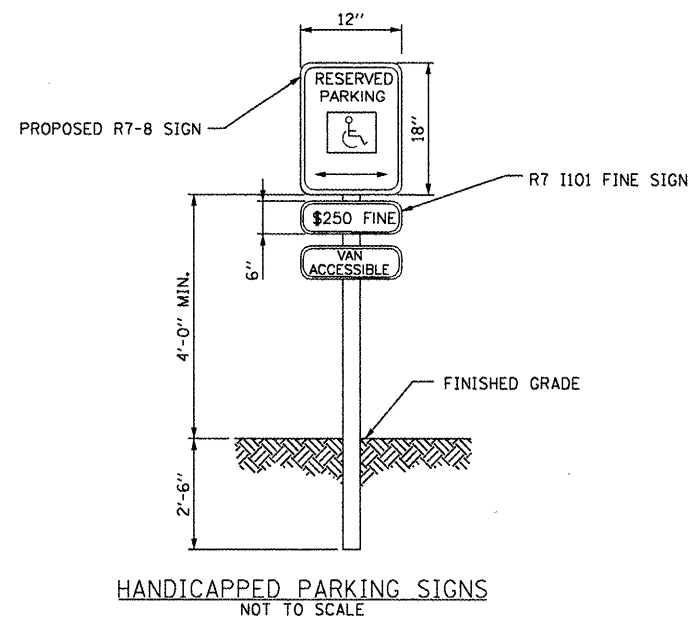
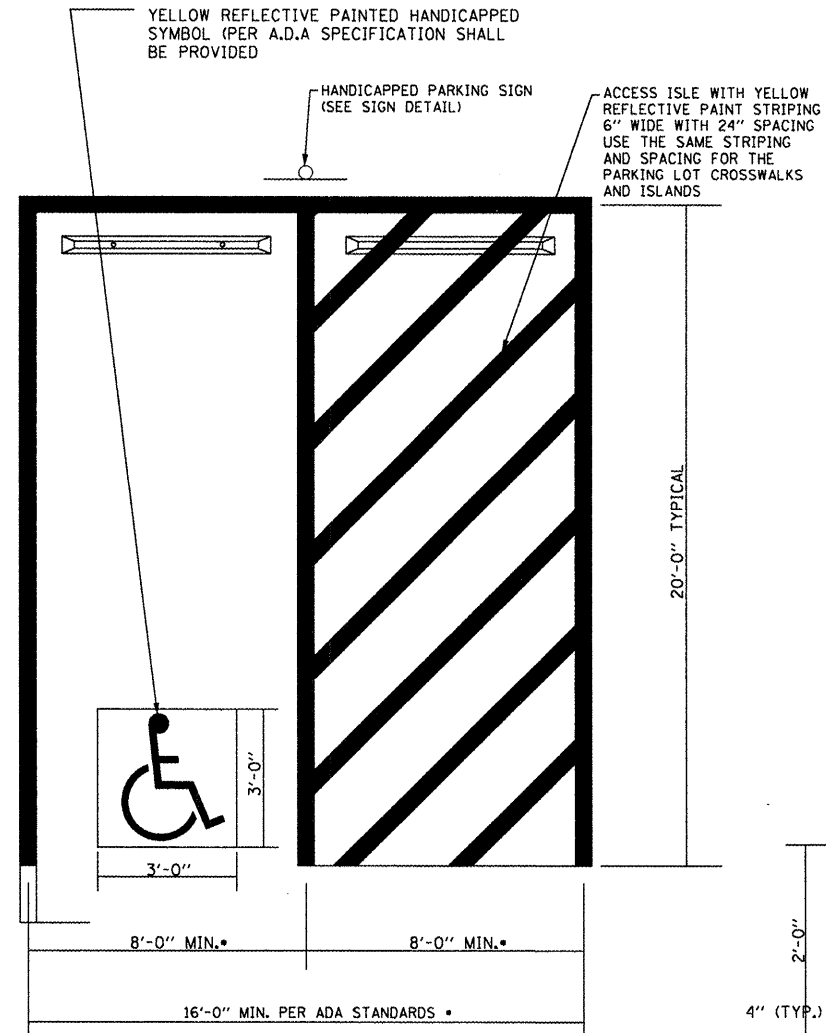
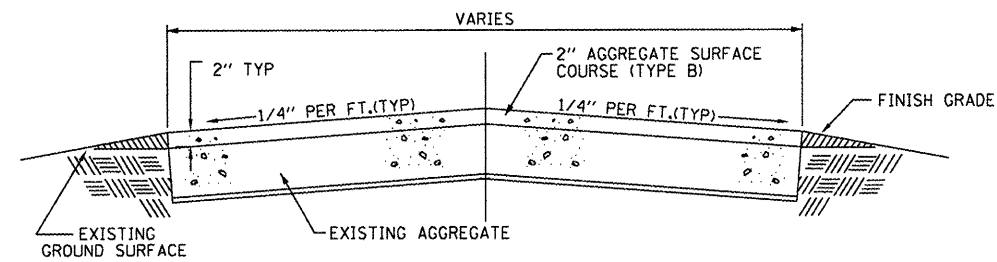
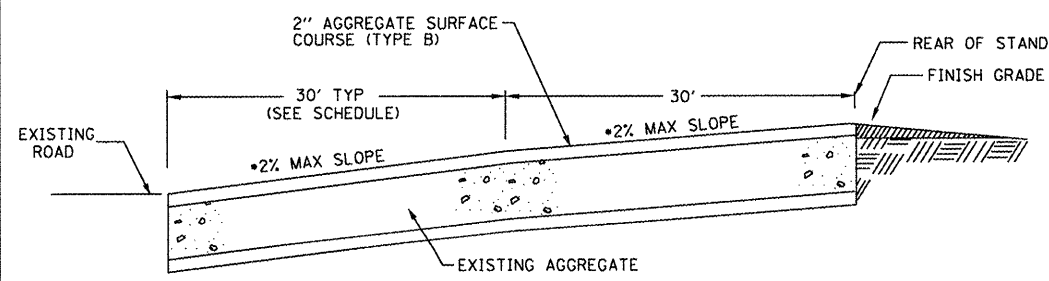
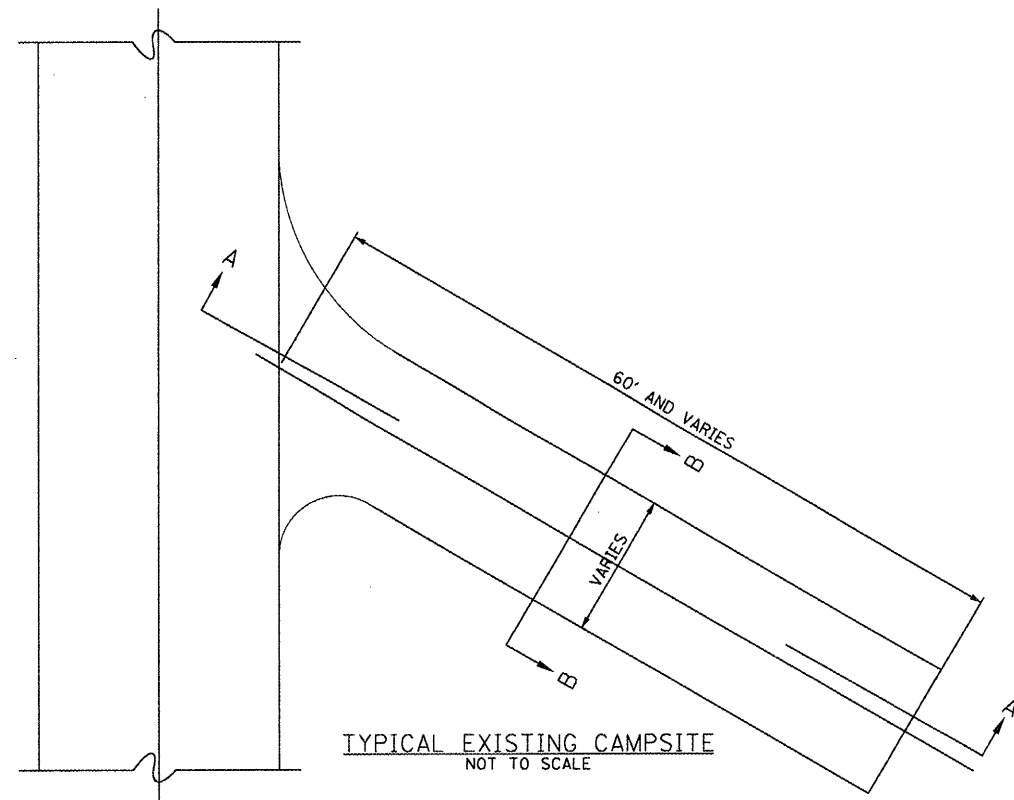
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
DETAILS - RIP RAP, SLOPE STEPS, & STEEL GATE  
SCALE: SHEET NO. 81 OF 112 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	81
CONTRACT NO. 46223			ILLINOIS' FEEL AND PROJECT	

DESIGN FIRM REGISTRATION NUMBER 184-002107





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PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#

DESIGNED - R.A.D.  
DRAWN - S.D.L.  
CHECKED - R.A.D.  
DATE - 4/4/12

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
DETAILS - HANDICAPPED AND CAMPSITE

SCALE: SHEET NO. 82 OF 112 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WASHINGTON	112	82
CONTRACT NO. 46223				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

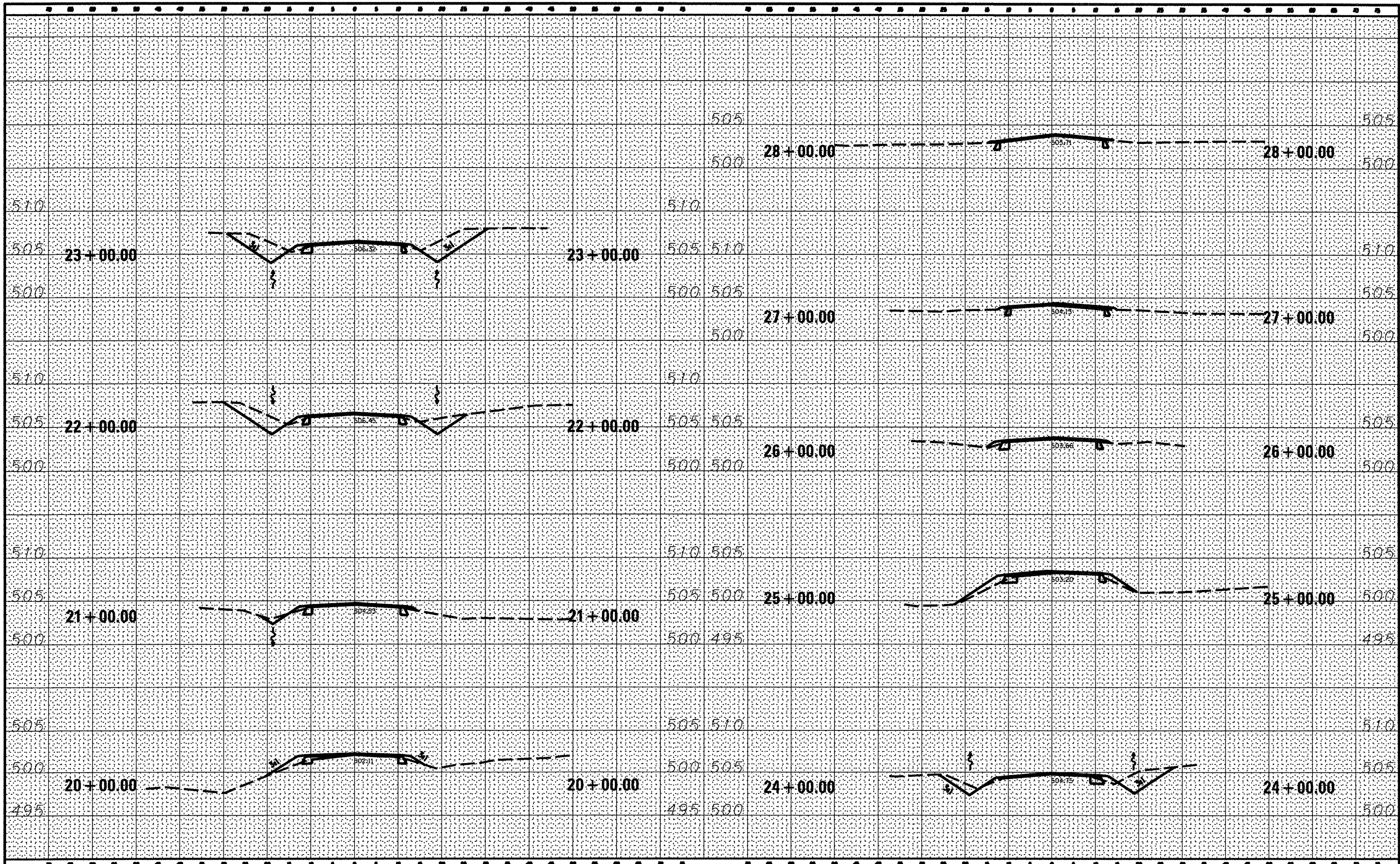
JOB NO. 750-061-8 VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107





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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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PLOT DATE : \*DATE\*

DESIGNED - R.M.D.  
DRAWN - S.J.A.  
CHECKED - R.M.D.  
DATE - 4/4/12

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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 20+00 - 28+00  
SCALE: 1" = 10'  
SHEET NO. 84 OF 112 SHEETS  
STA. 20+00.00 TO STA. 28+00.00

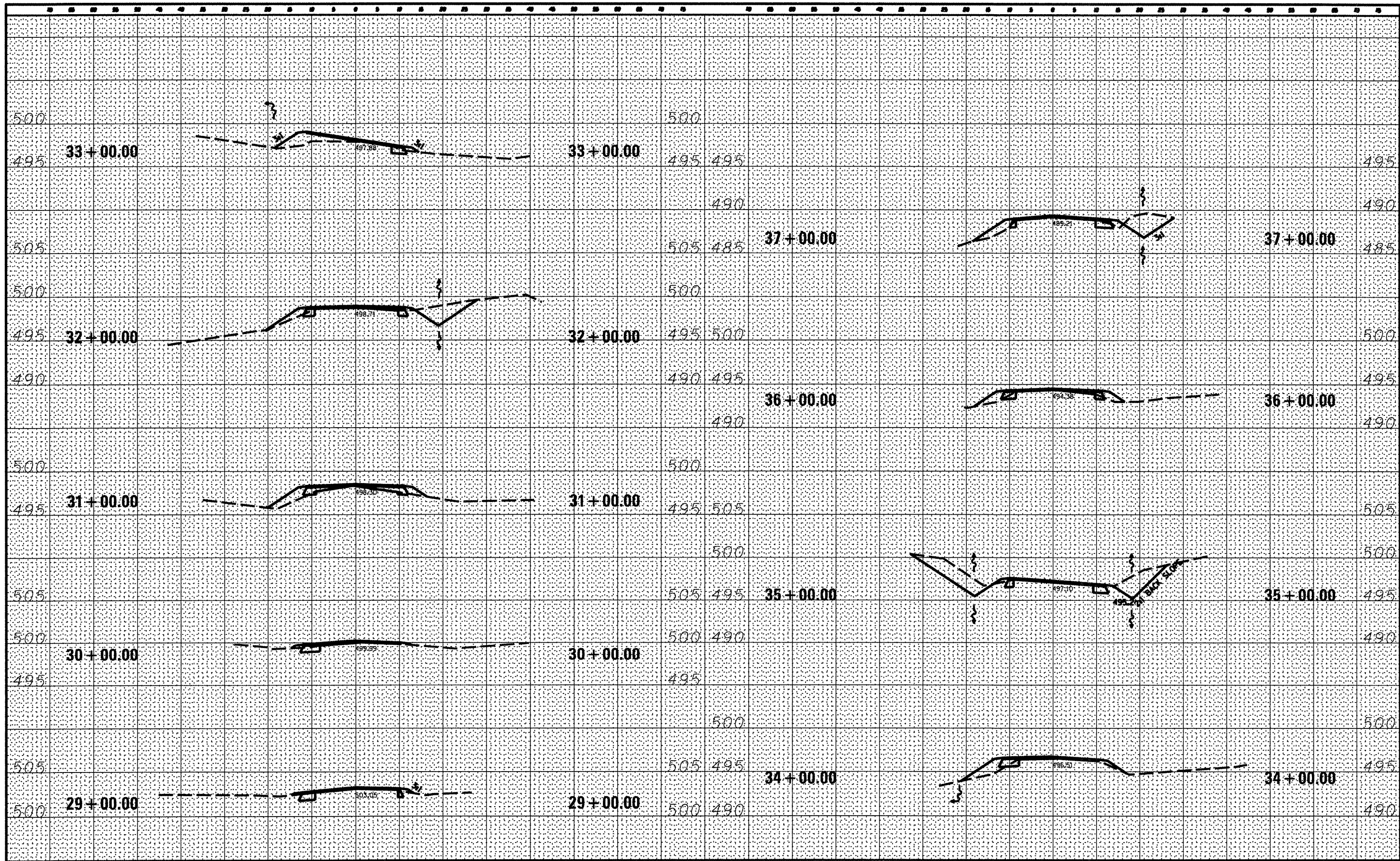
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COUNTY	WASHINGTON
TOTAL SHEETS	112
SHEET NO.	84
CONTRACT NO.	46223
ILLINOIS FED. AID PROJECT	

JOB NO. 250-061-W WASCONEILLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



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DRAWN - S.D.J.  
CHECKED - R.M.D.  
DATE - 4/4/12

REVISED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 29+00 - 37+00  
SCALE: 1" = 10'  
SHEET NO. 85 OF 112 SHEETS  
STA. 29+00.00 TO STA. 37+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	85
		CONTRACT NO.	46223
ILLINOIS FED. AID PROJECT			

JOB NO. 290-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000107

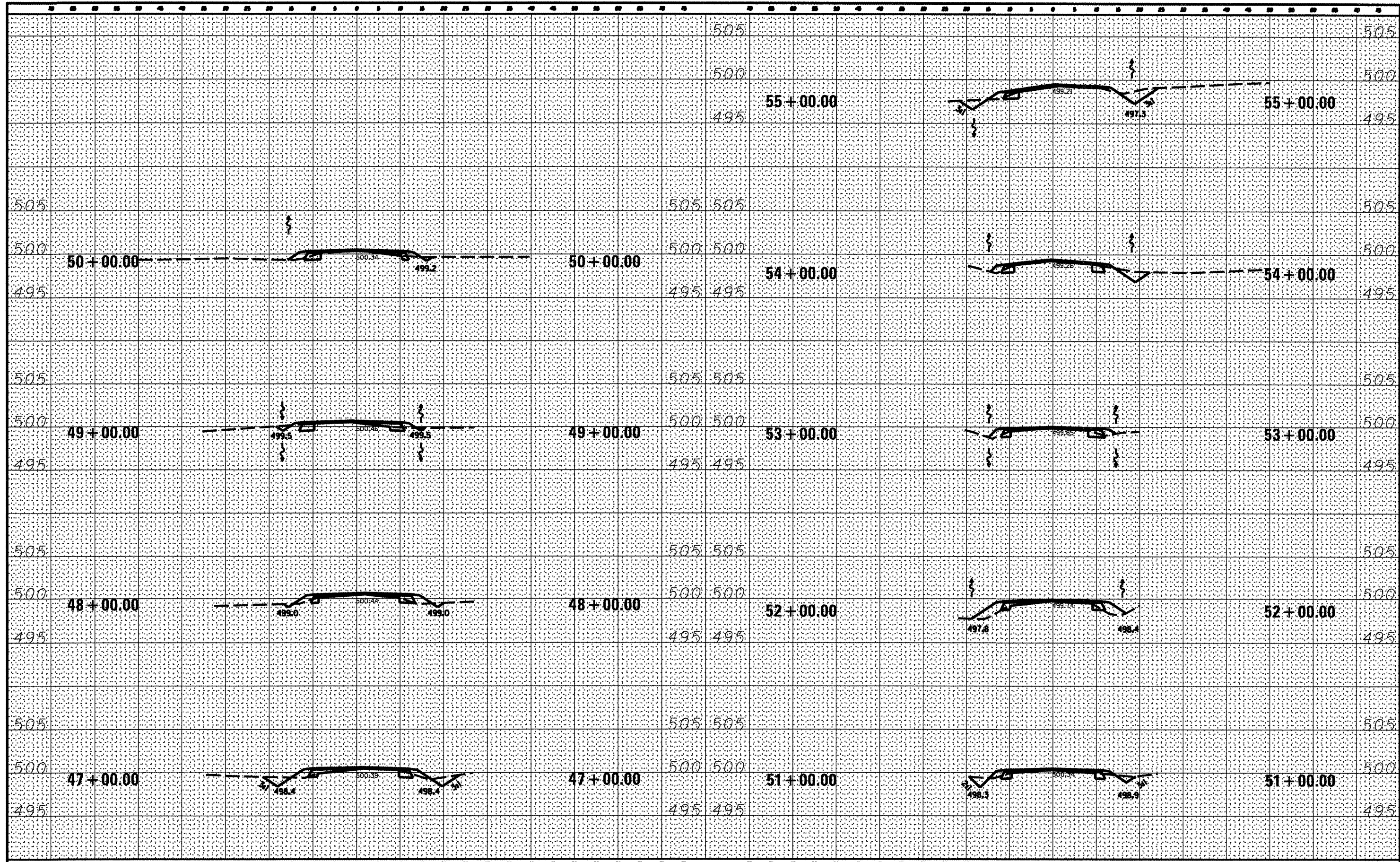






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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	



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#FILE#		DRAWN - S.D.A.	REVISED -		SCALE: 1" = 10'	SHEET NO. 87 OF 112 SHEETS	STA. 47+00.00 TO STA. 55+00.00	WASHINGTON	112	87	
		CHECKED - R.J.D.	REVISED -					CONTRACT NO. 46223			
		DATE - 4/4/12	REVISED -					ILLINOIS FED. AID PROJECT			

JOB NO. 250-061-9 VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

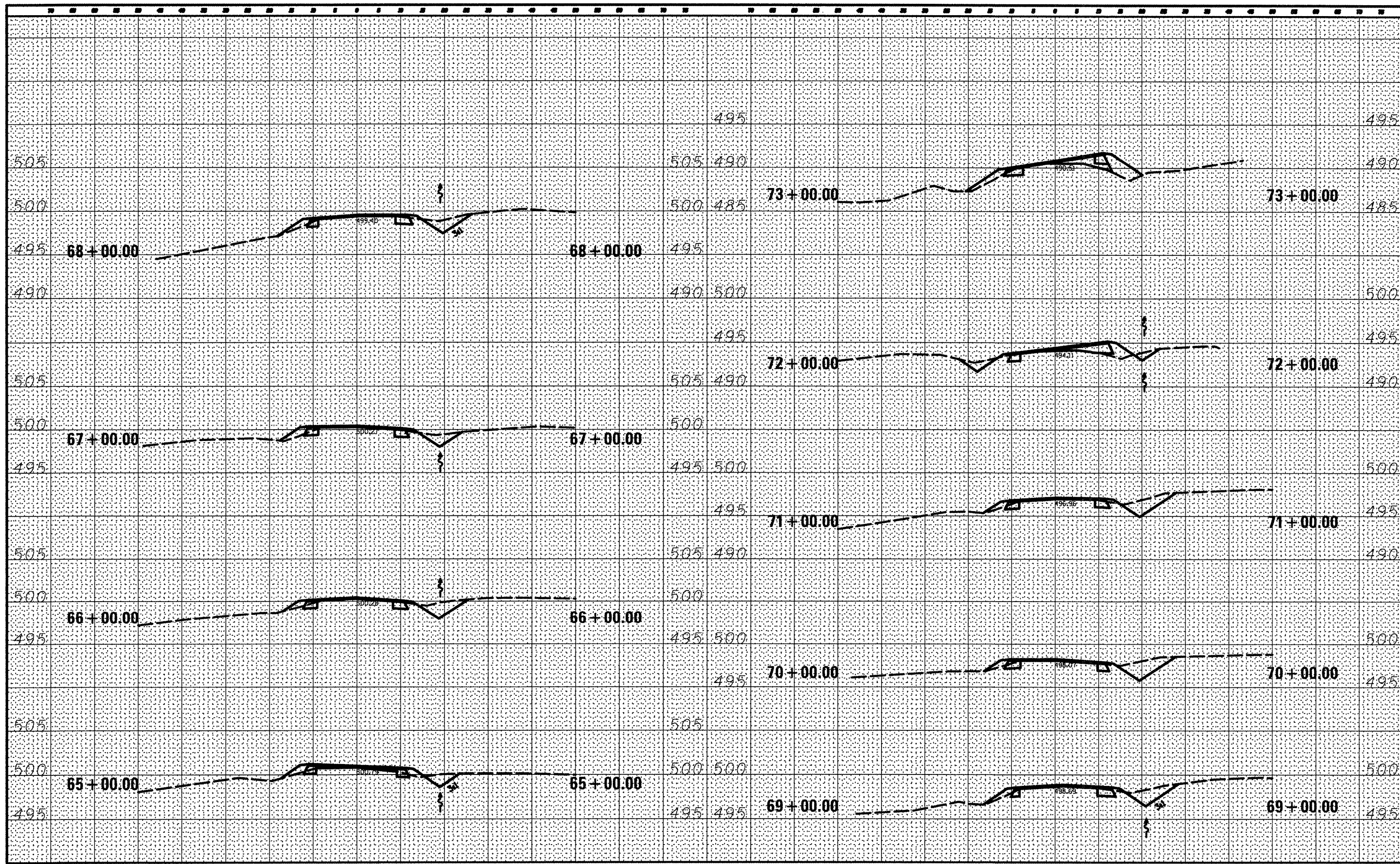






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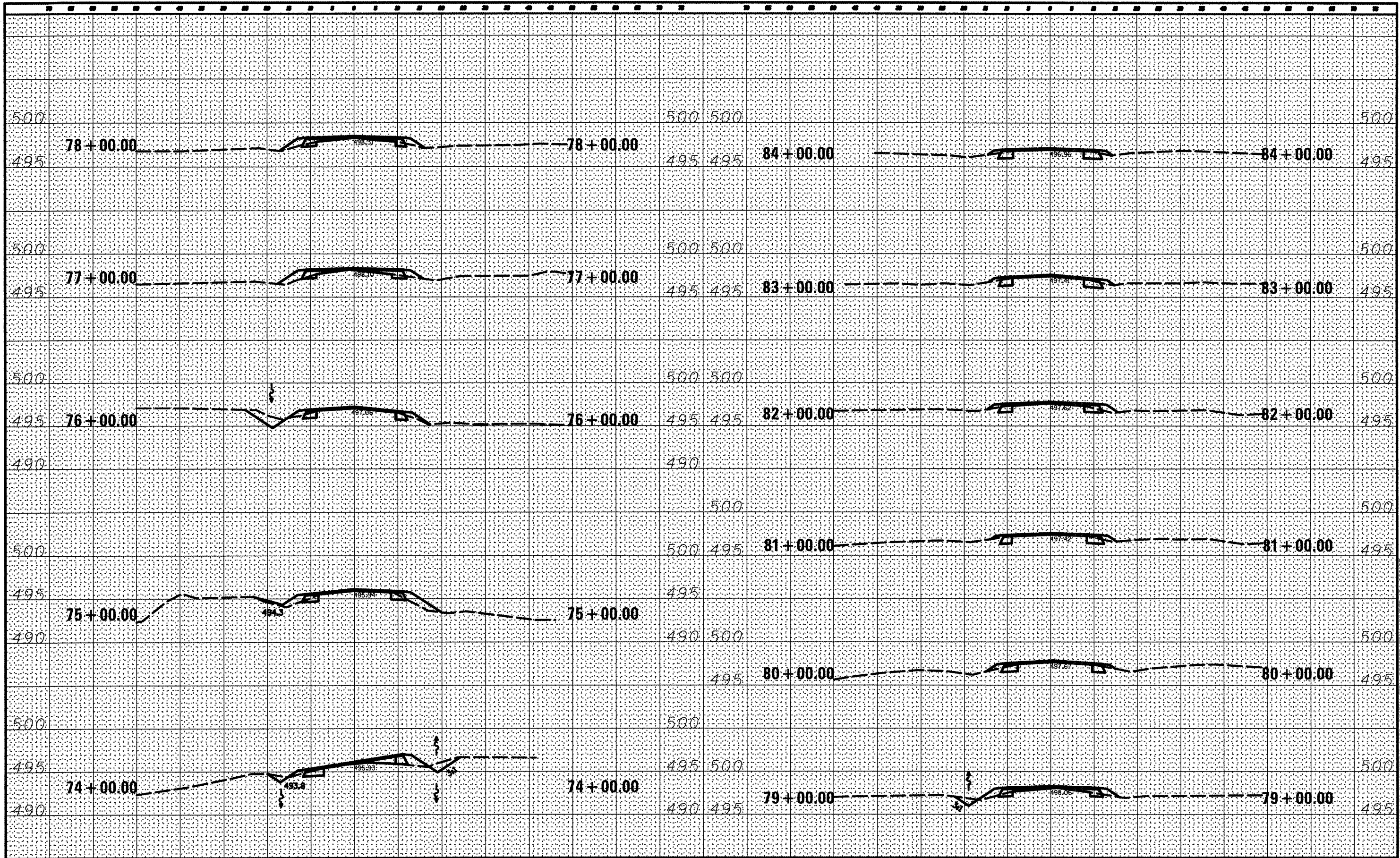
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		CHECKED - R.H.D.	REVISED -		
		DATE - 4/4/12	REVISED -		
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	PLOT DATE = #DATE*				

JOB NO. 250-061-F VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-002017



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BY	
ORIGINAL SURVEY	
SURVEYED	
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NOTE BOOK	
AREAS CHECKED	
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ORIGINAL SURVEY	
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	PLOT DATE - #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 74+00 - 84+00  
SCALE: 1" = 10' SHEET NO. 90 OF 112 SHEETS STA. 74+00.00 TO STA. 84+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	90
		CONTRACT NO. 46223	
ILLINOIS FUEL AID PROJECT			

JOB NO. 200-061-W VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

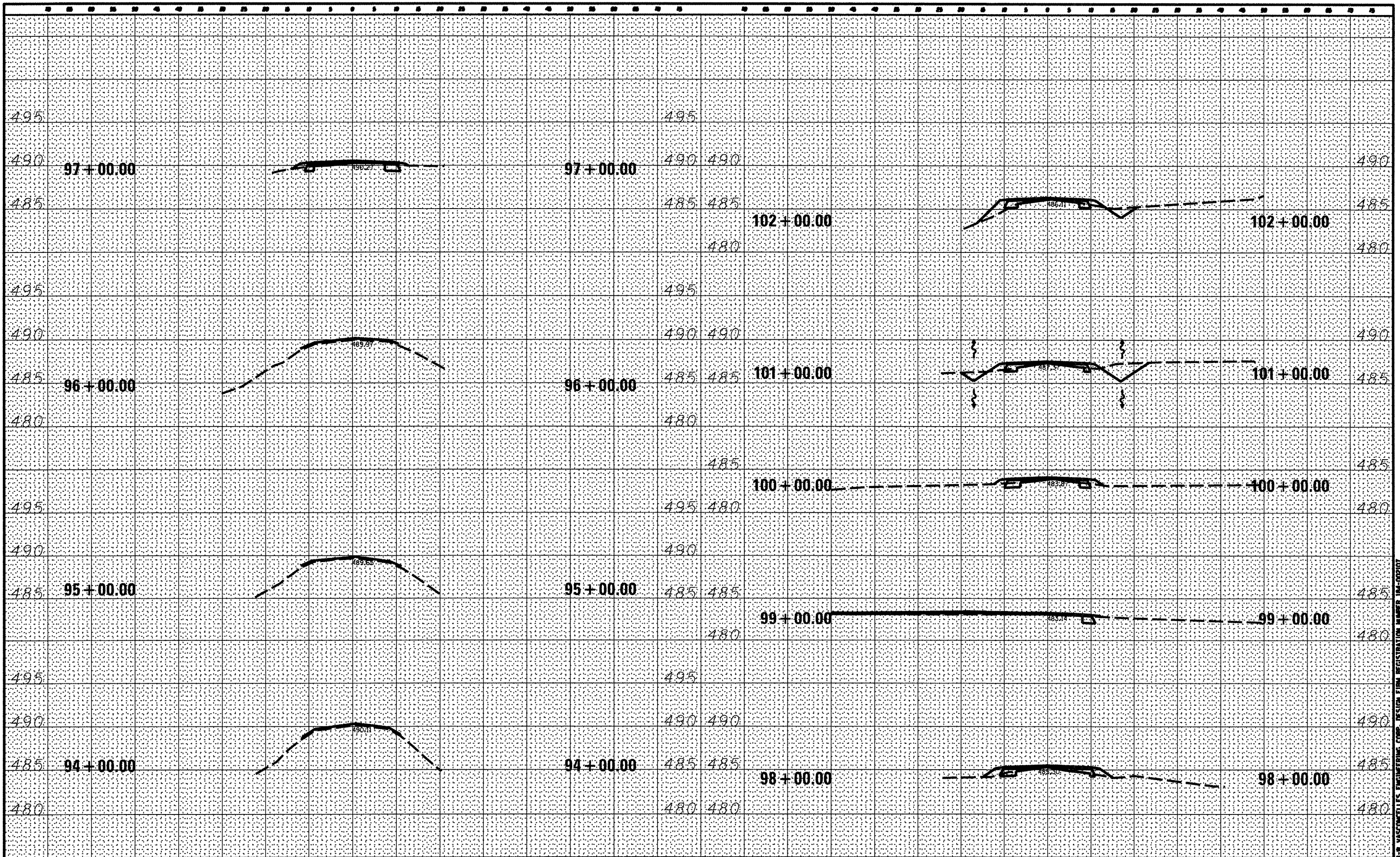






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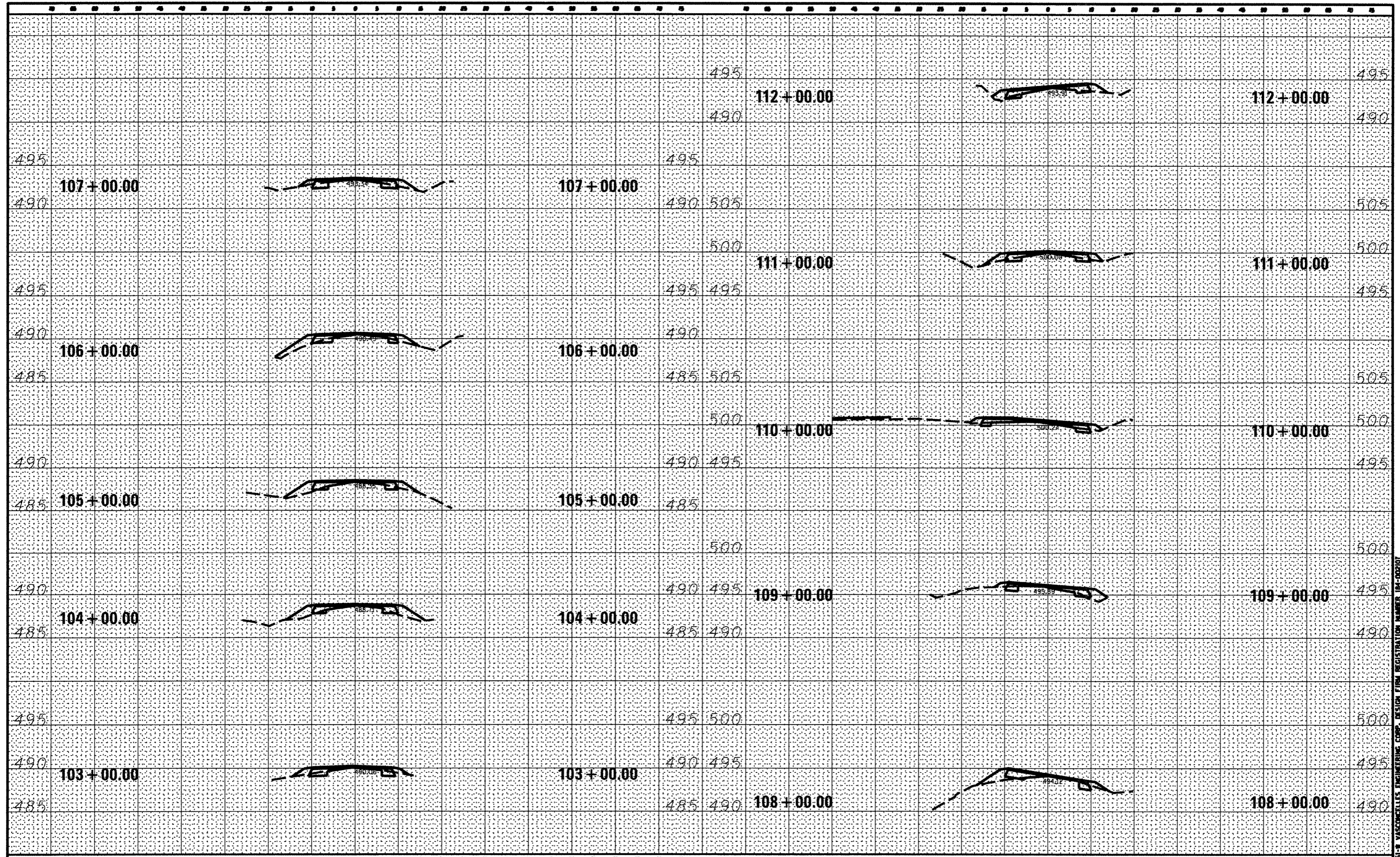
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#FILE#		DRAWN - S.D.J.	REVISED -			WASHINGTON	112	92
		CHECKED - R.J.D.	REVISED -			CONTRACT NO. 46223		
		DATE - 4/4/12	REVISED -			ILLINOIS FED. AID PROJECT		

JOB NO. 250-061-B VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-000107



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	

DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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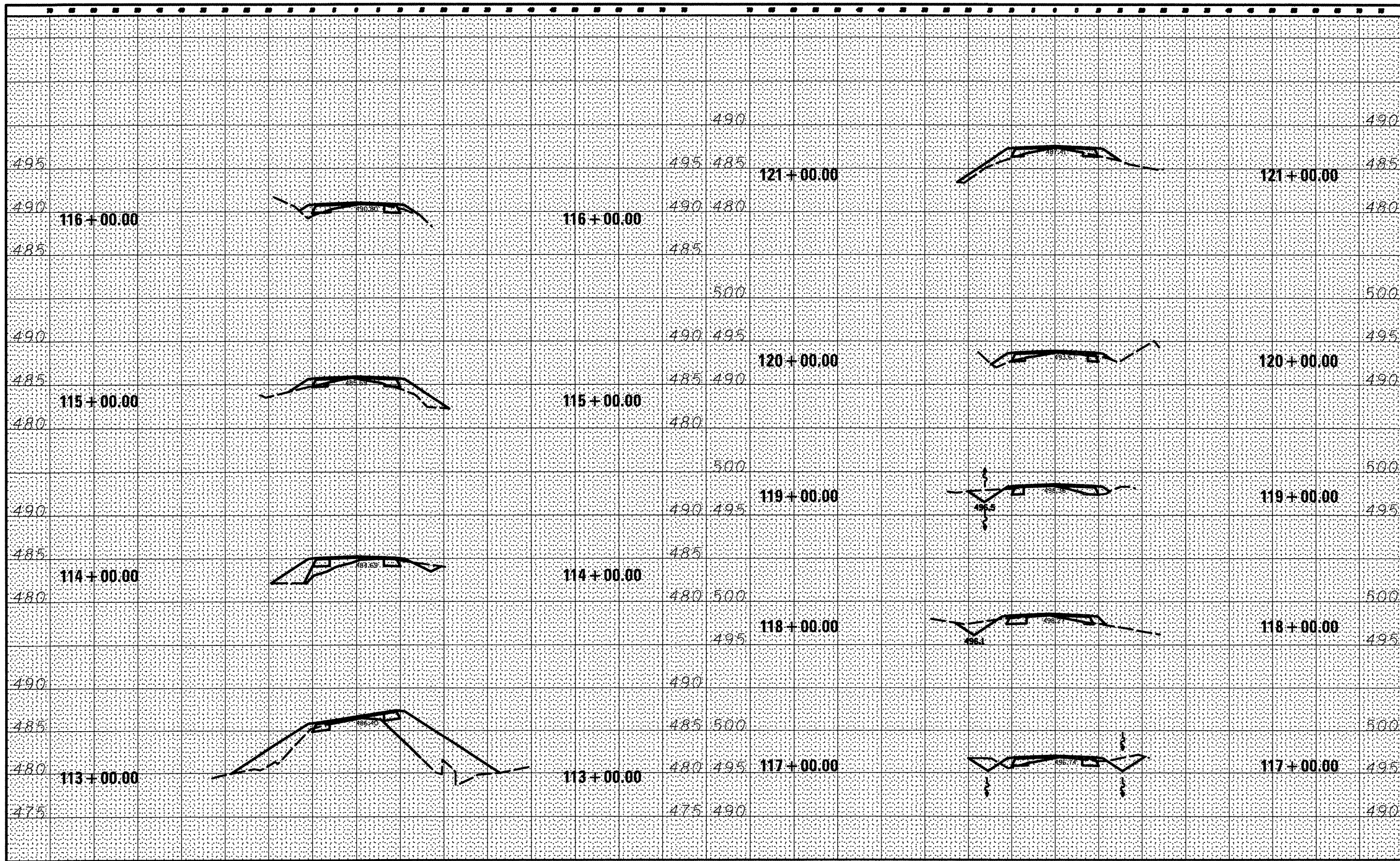
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*FILE#*		DRAWN - S.D.L.	REVISED -	DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS 103+00 - 112+00			WASHINGTON	112	93
		CHECKED - R.M.D.	REVISED -			SCALE: 1" = 10'		SHEET NO. 93 OF 112 SHEETS	STA. 103+00.00 TO STA. 112+00.00	CONTRACT NO. 46223	
		DATE - 4/4/12	REVISED -					ILLINOIS FED. AID PROJECT			

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



DATE	
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PROJECT NO.	
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FILE NAME =	USER NAME = #USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA CROSS SECTIONS 113+00 - 121+00			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		CHECKED - R.H.D.	REVISED -											
		DATE - 4/4/12	REVISED -											
											CONTRACT NO. 46223			

JOB NO. 250-06-F VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 194-00207

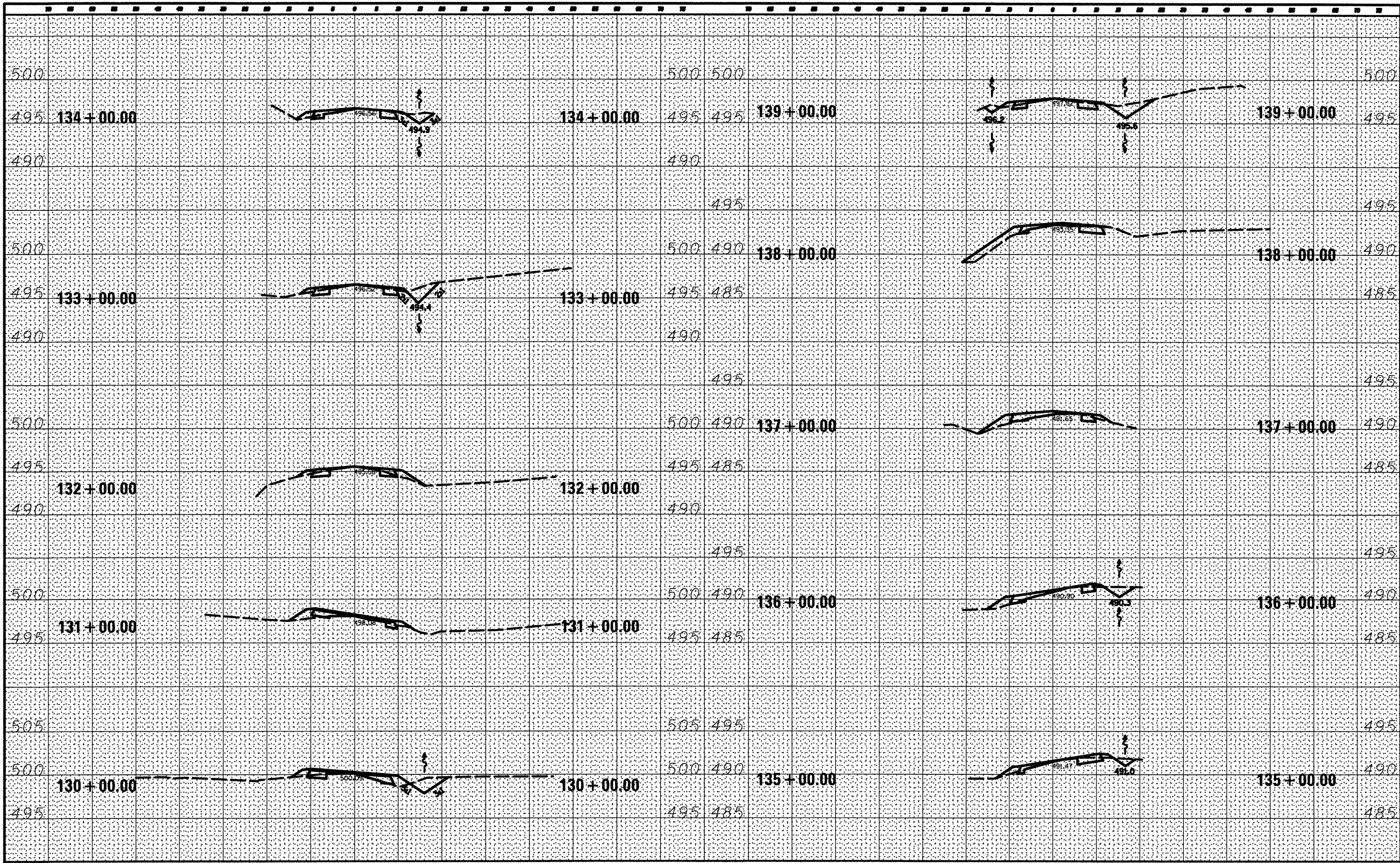






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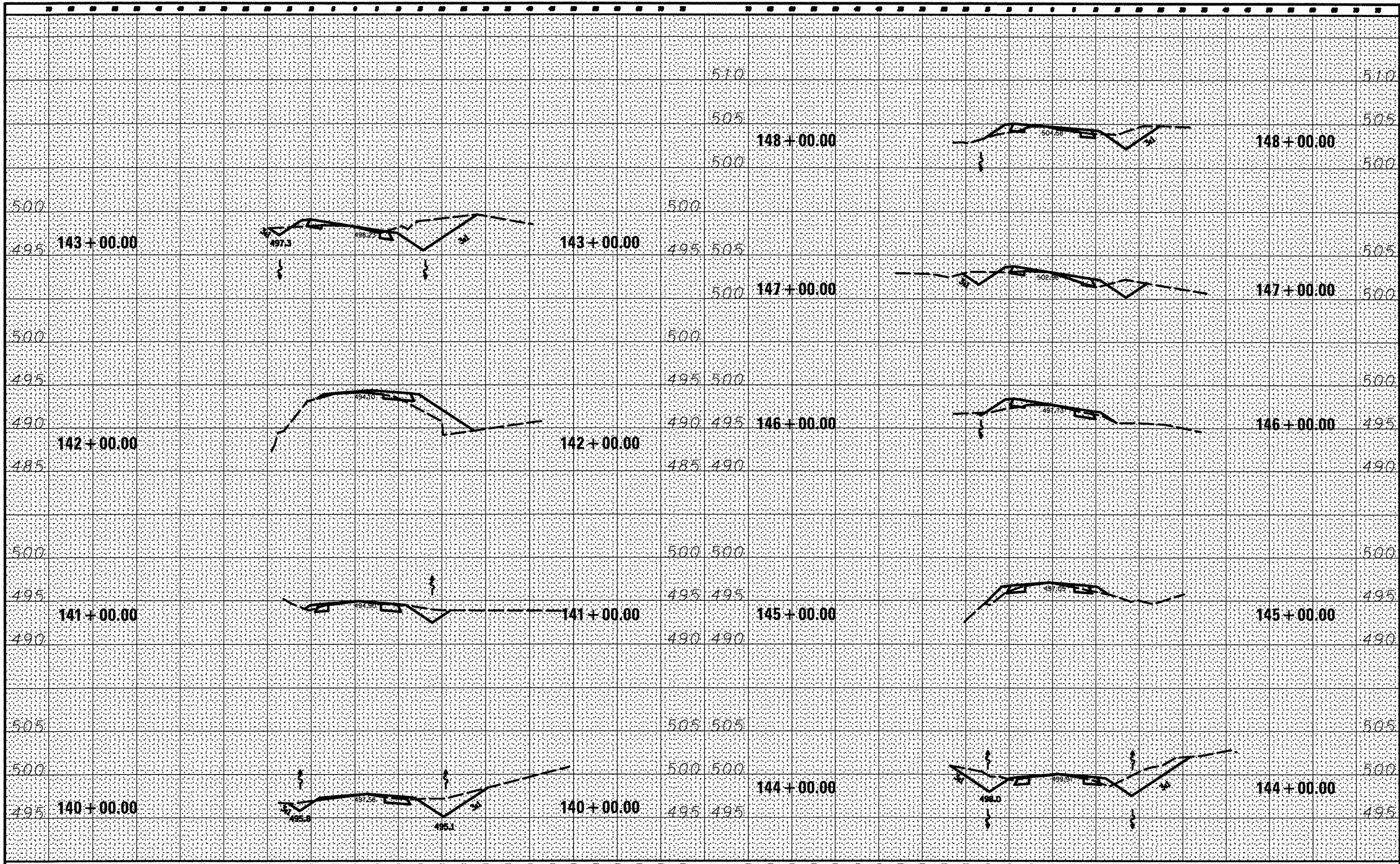
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		CHECKED - R.H.D.	REVISED -					CONTRACT NO. 46223			
		DATE - 4/4/12	REVISED -								

JOB NO. 200-061-W VASCORCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 104-002017



DATE	
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FINAL SURVEY	
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NO. AREAS CHECKED	

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BY	
ORIGINAL SURVEY	
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NO. AREAS CHECKED	



FILE NAME =	USER NAME = *USER*	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA CROSS SECTIONS 140+00 - 148+00			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED - R.H.D.	REVISED -					CONTRACT NO. 46223			
		DATE - 4/4/12	REVISED -					ILLINOIS PBL. AID PROJECT			

JOB NO. 200-001-R VASCONCELLOS ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 184-002817

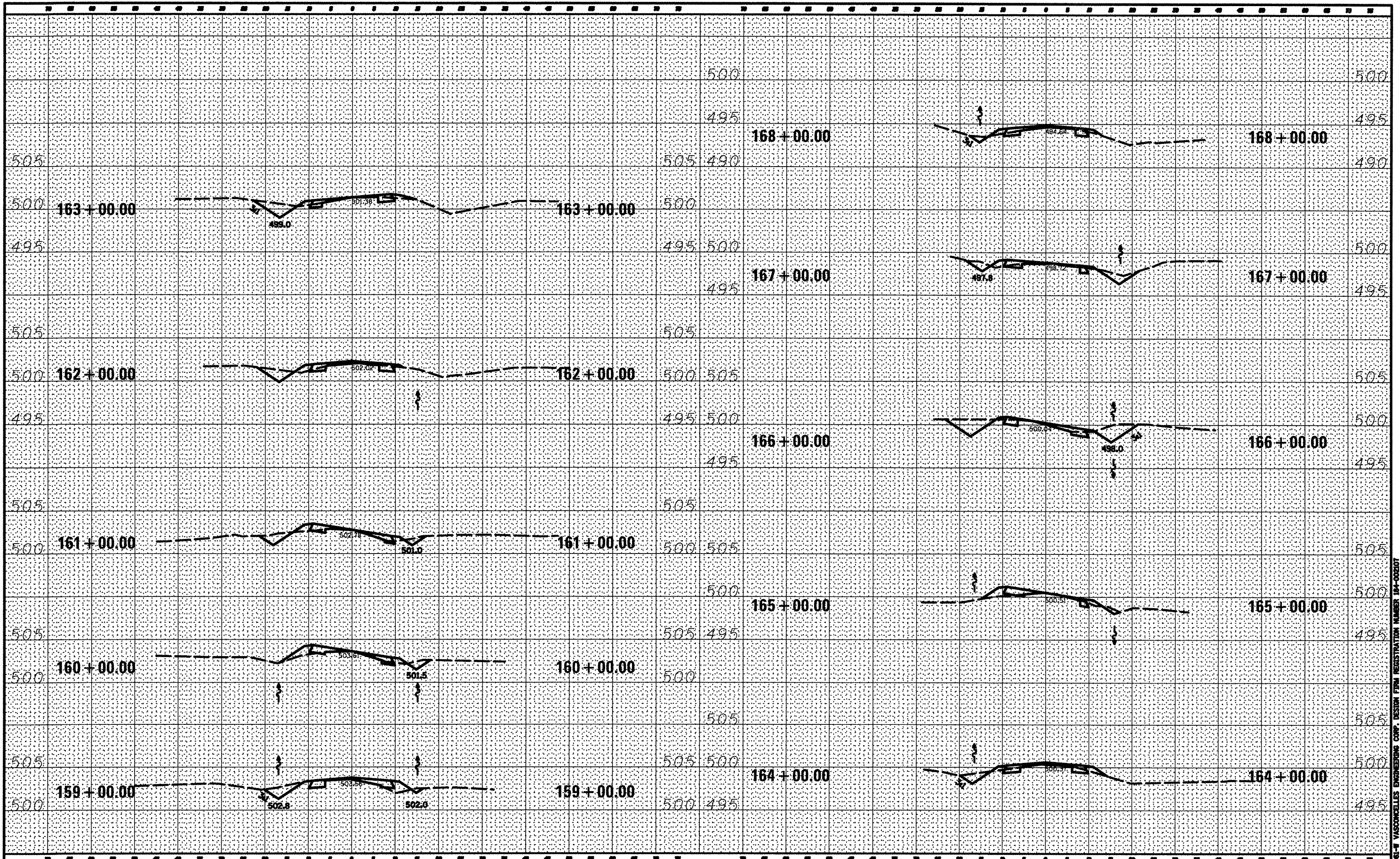






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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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PLOT DATE - #DATE#

DESIGNED - R.J.D.	REVISED -
DRAWN - S.D.J.	REVISED -
CHECKED - R.J.D.	REVISED -
DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 159+00 - 168+00  
SCALE: 1" = 10'  
SHEET NO. 99 OF 112 SHEETS  
STA. 159+00.00 TO STA. 168+00.00

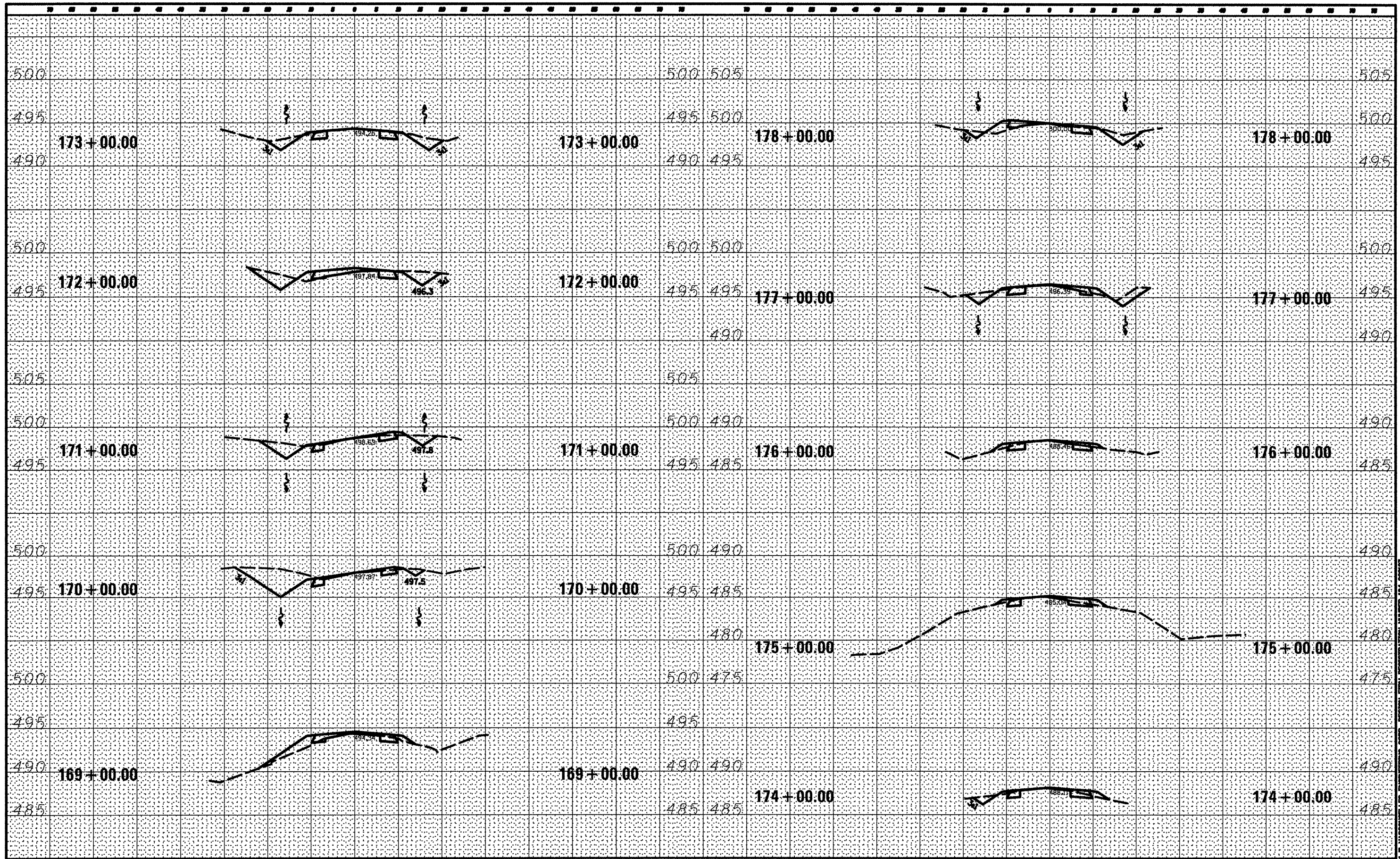
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 46223	
ILLINOIS PBL. AID PROJECT			

JOB NO. 250-083-W WASHINGTON COUNTY CONSERVATION AREA DESIGN FIRM REGISTRATION NUMBER 194-002807



DATE	
BY	
FINAL SURVEY	
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DESIGNED - R.J.D.	REVISED -
DRAWN - S.D.J.	REVISED -
CHECKED - R.J.D.	REVISED -
DATE - 4/4/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 169+00 - 178+00**

SCALE: 1" = 10'    SHEET NO. 100 OF 112 SHEETS    STA. 169+00.00 TO STA. 178+00.00

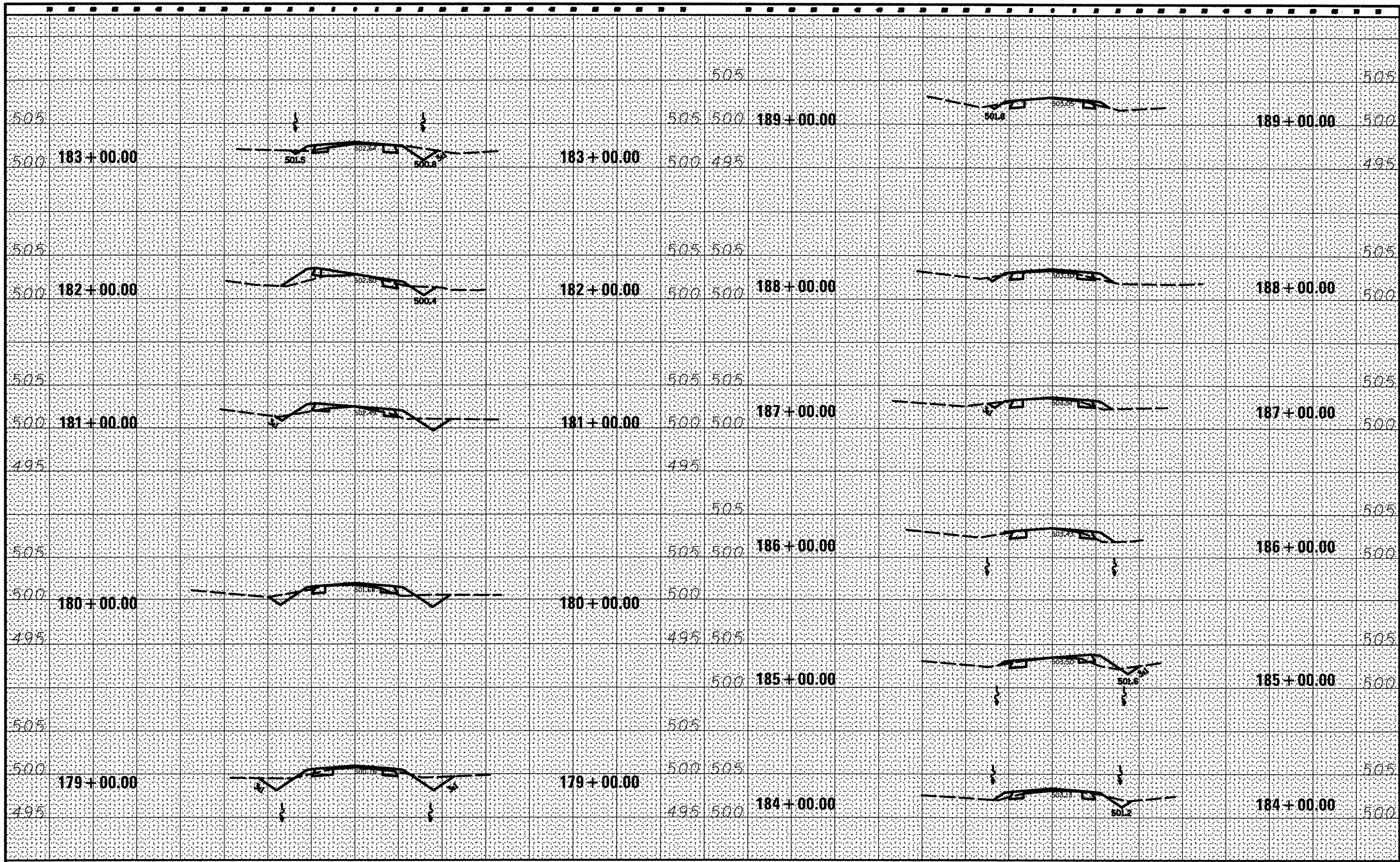
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	100
		CONTRACT NO. 46223	
ILLINOIS FID. AID PROJECT			

JOB NO. 250-061-W VASCONEZES ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 194-002107



DATE	
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 179+00 - 189+00

SCALE: 1" = 10'  
SHEET NO. 101 OF 112 SHEETS STA. 179+00.00 TO STA. 189+00.00

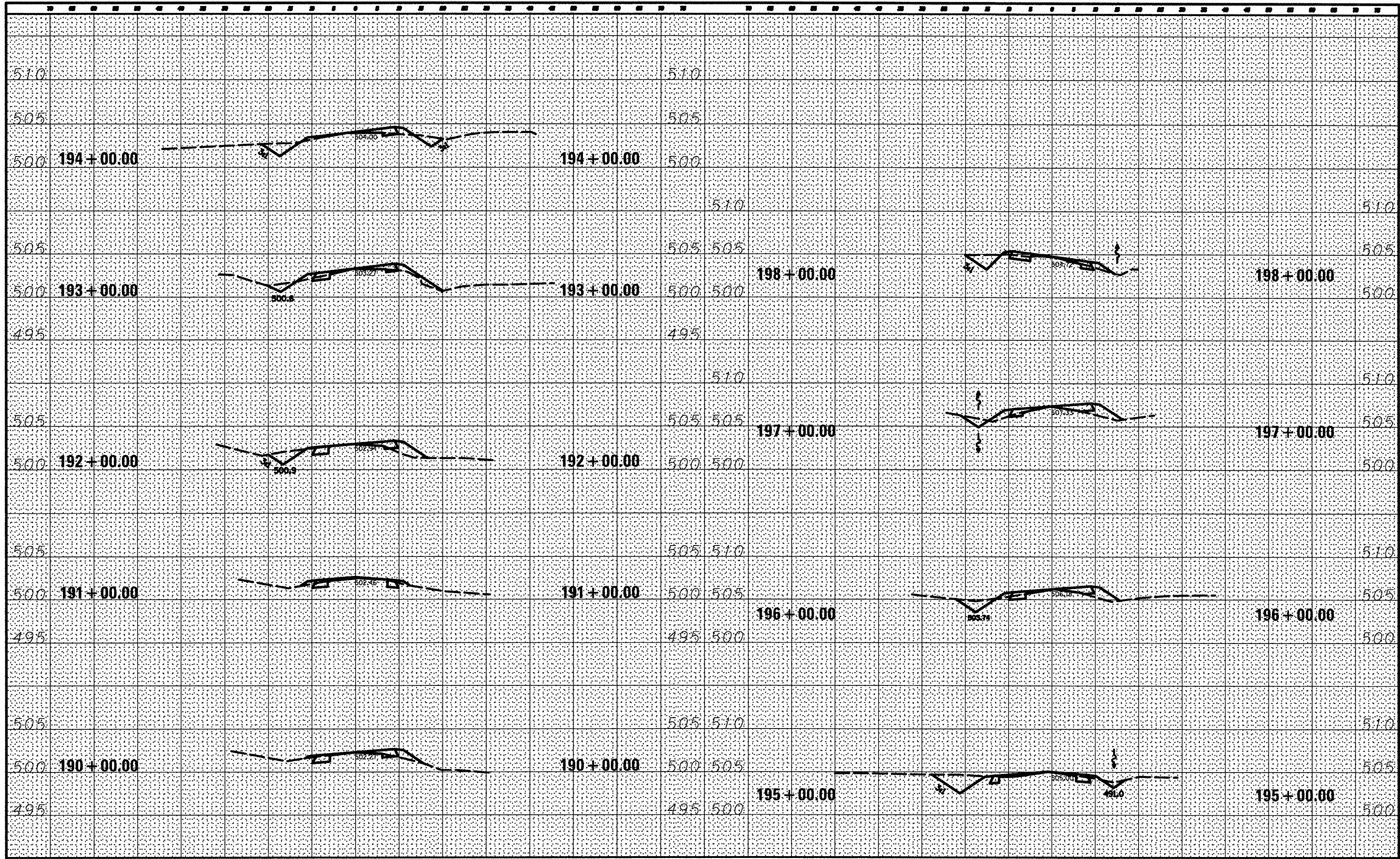
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	101
CONTRACT NO. 46223			

JOB NO. 250-001-4 WASHINGTON COUNTY CONSERVATION AREA DESIGN FIRM REGISTRATION NUMBER 04-00207



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	PLOT DATE = #DATE#	DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 190+00 - 198+00  
SCALE: 1" = 10'  
SHEET NO. 102 OF 112 SHEETS | STA. 190+00.00 TO STA. 198+00.00

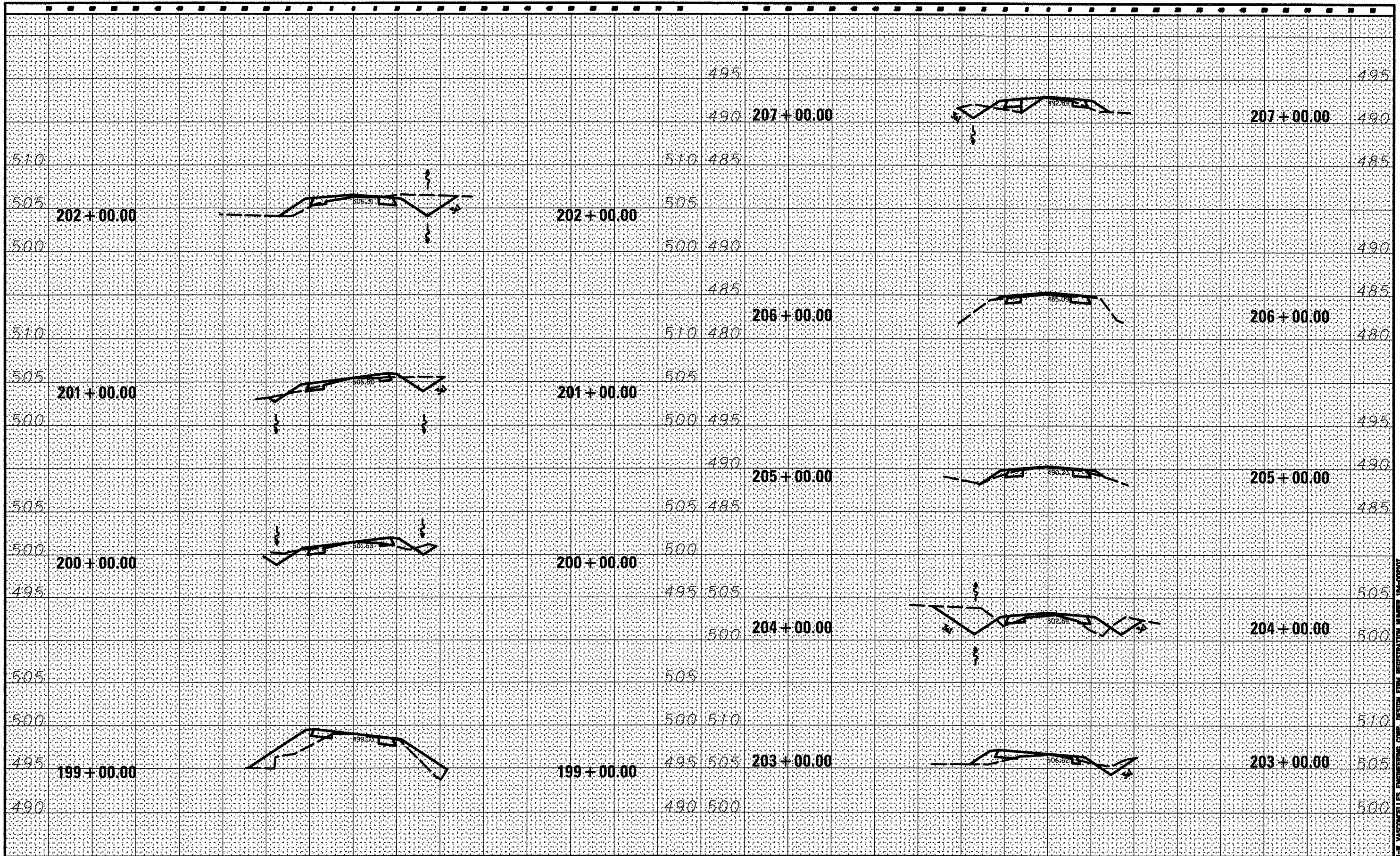
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	102
		CONTRACT NO. 46223	

JOB NO. 200-081-4 WASHINGTON COUNTY CONSERVATION AREA DESIGN FIRM REGISTRATION NUMBER 194-00207



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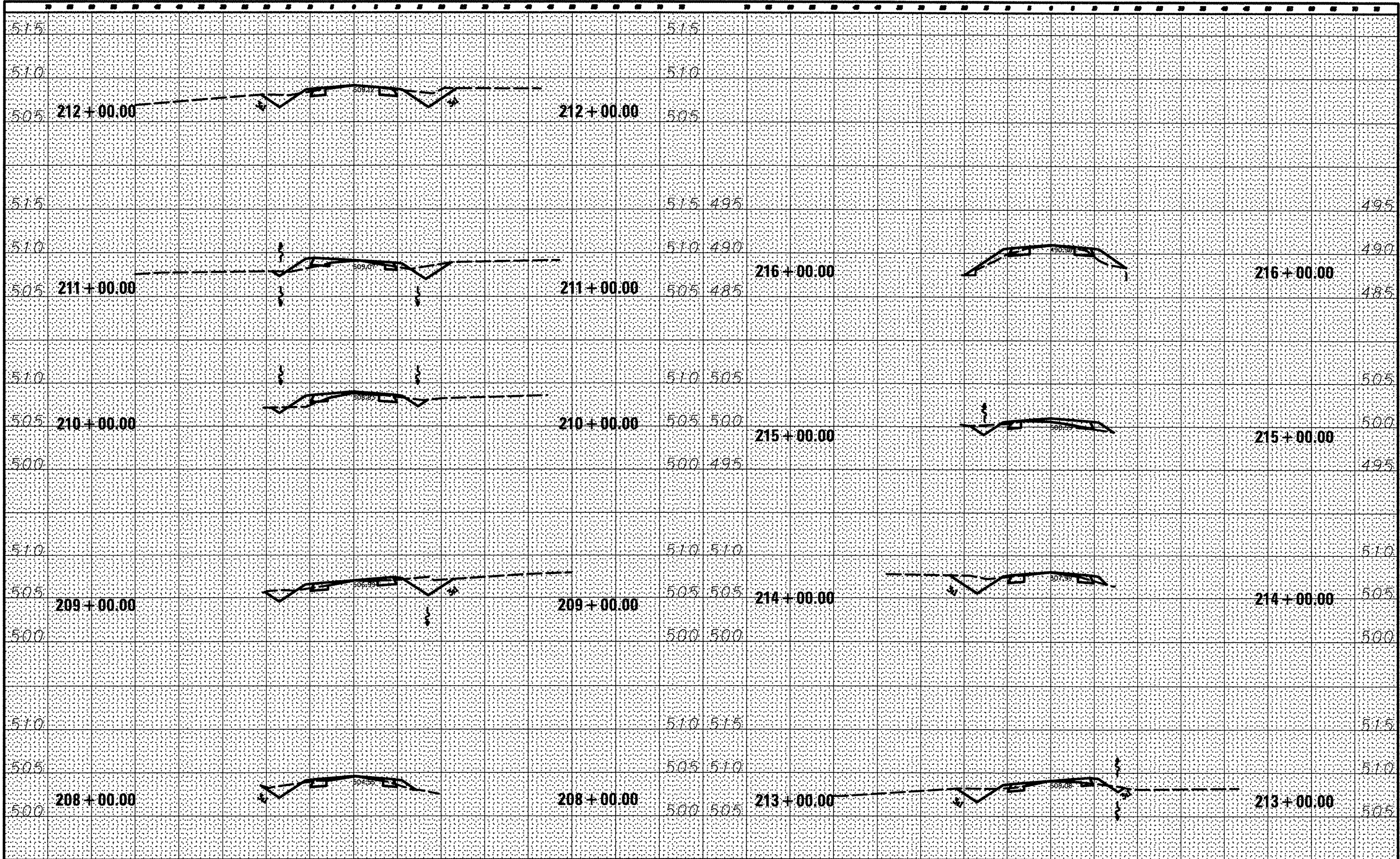
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#FILE#		DRAWN - S.D.K.	REVISED -			WASHINGTON	112	103
		CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46223		
		DATE - 4/4/12	REVISED -					
						ILLINOIS FED. AID PROJECT		

JOB NO. 250-061-R VASCONECLES ENGINEERS CORP. DESIGN FROM REGISTRATION NUMBER 184-002017



DATE	
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FILE NAME :	USER NAME : *USER*	DESIGNED - R.J.D.	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION WASHINGTON COUNTY CONSERVATION AREA CROSS SECTIONS 208+00 - 216+00 SCALE: 1" = 10' SHEET NO. 104 OF 112 SHEETS STA. 208+00.00 TO STA. 216+00.00	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN - S.D.J.	REVISIONS			WASHINGTON	112	104
PLOT SCALE : *SCALE*		CHECKED - R.J.D.	REVISIONS					
PLOT DATE : *DATE*		DATE - 4/4/12	REVISIONS					
				CONTRACT NO. 46223		ILLINOIS FED. AID PROJECT		

JOB NO. 210-061-1 VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-000207

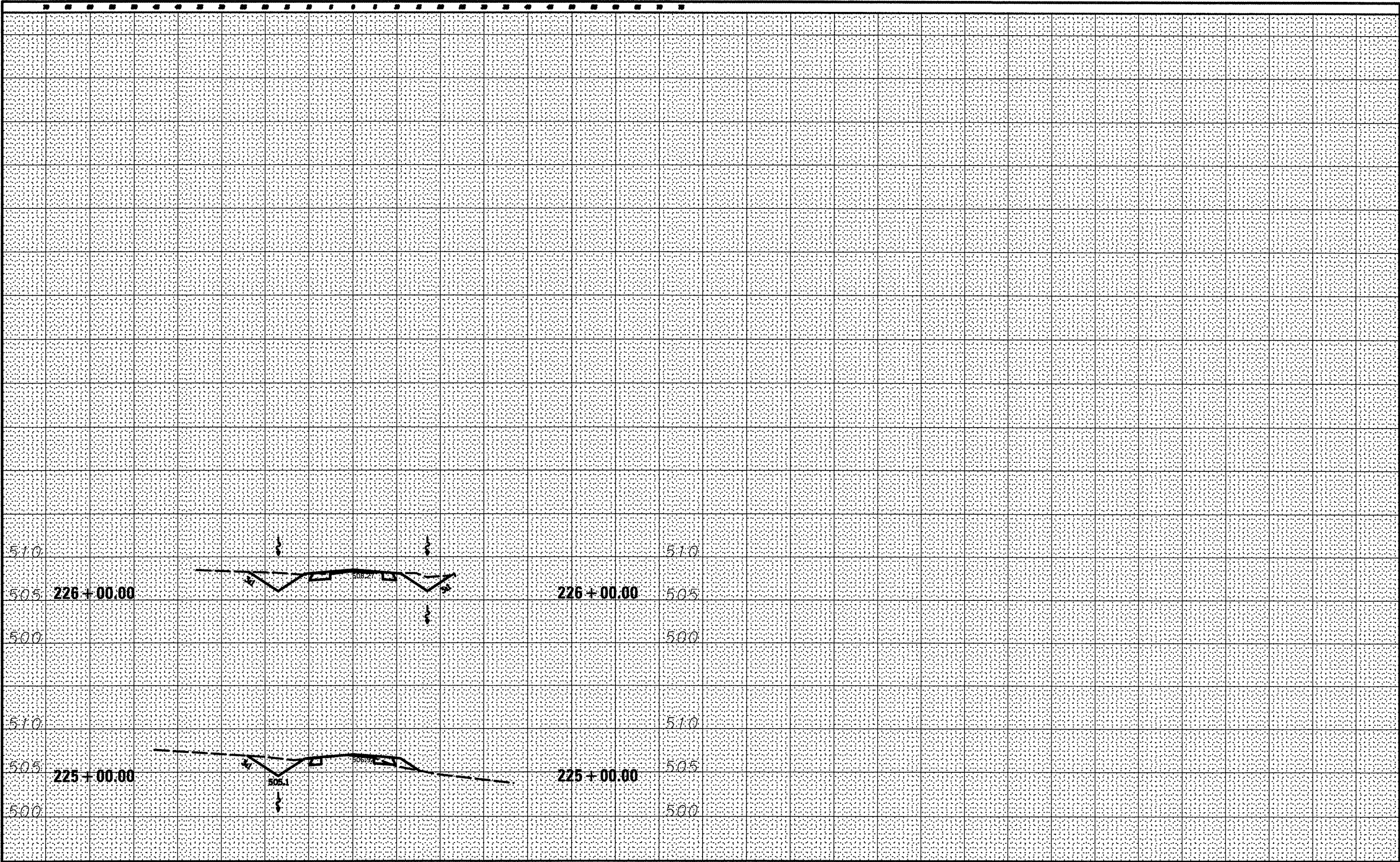






FINAL SURVEY	DATE
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ORIGINAL SURVEY	DATE
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FILE NAME :  
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USER NAME : \*USER\*  
PLOT SCALE : \*SCALE\*  
PLOT DATE : \*DATE\*

DESIGNED - R.H.D.  
DRAWN - S.J.K.  
CHECKED - R.H.D.  
DATE - 4/4/12

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 225+00 - 226+00

SCALE: 1" = 10' SHEET NO. 106 OF 112 SHEETS STA. 225+00.00 TO STA. 226+00.00

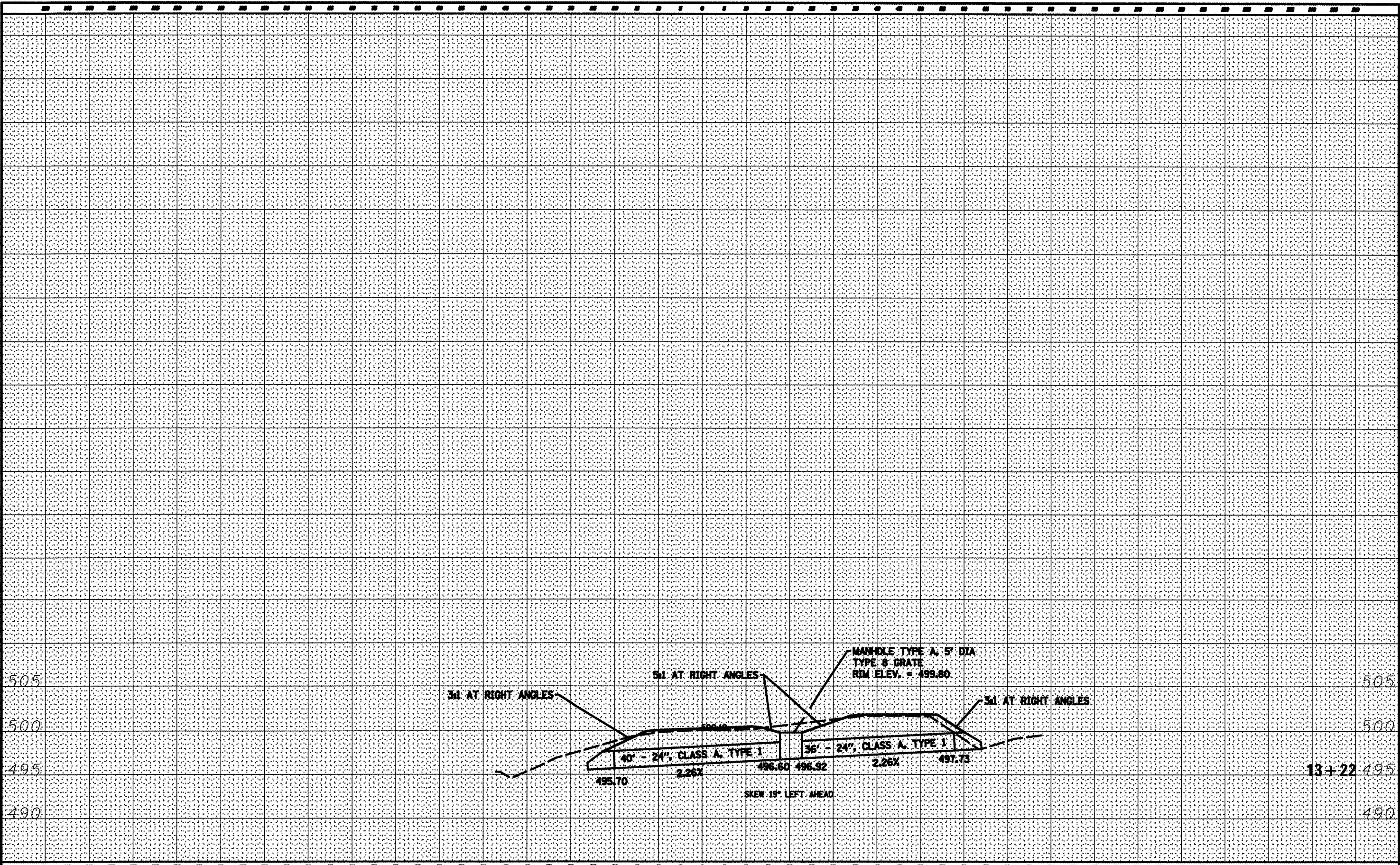
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	106
CONTRACT NO. 46223		ILLINOIS PROJ. AND PROJECT	

JOB NO. 250-061-W VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00307



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DESIGNED - R.H.D.	REVISED -
DRAWN - J.T.T.	REVISED -
CHECKED - R.H.D.	REVISED -
DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 13+22 - 13+22  
SCALE: 1" = 10' SHEET NO. 107 OF 112 SHEETS STA. 13+22.00 TO STA. 13+22.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	107
		CONTRACT NO. 46223	
ILLINOIS PBD. AID PROJECT			

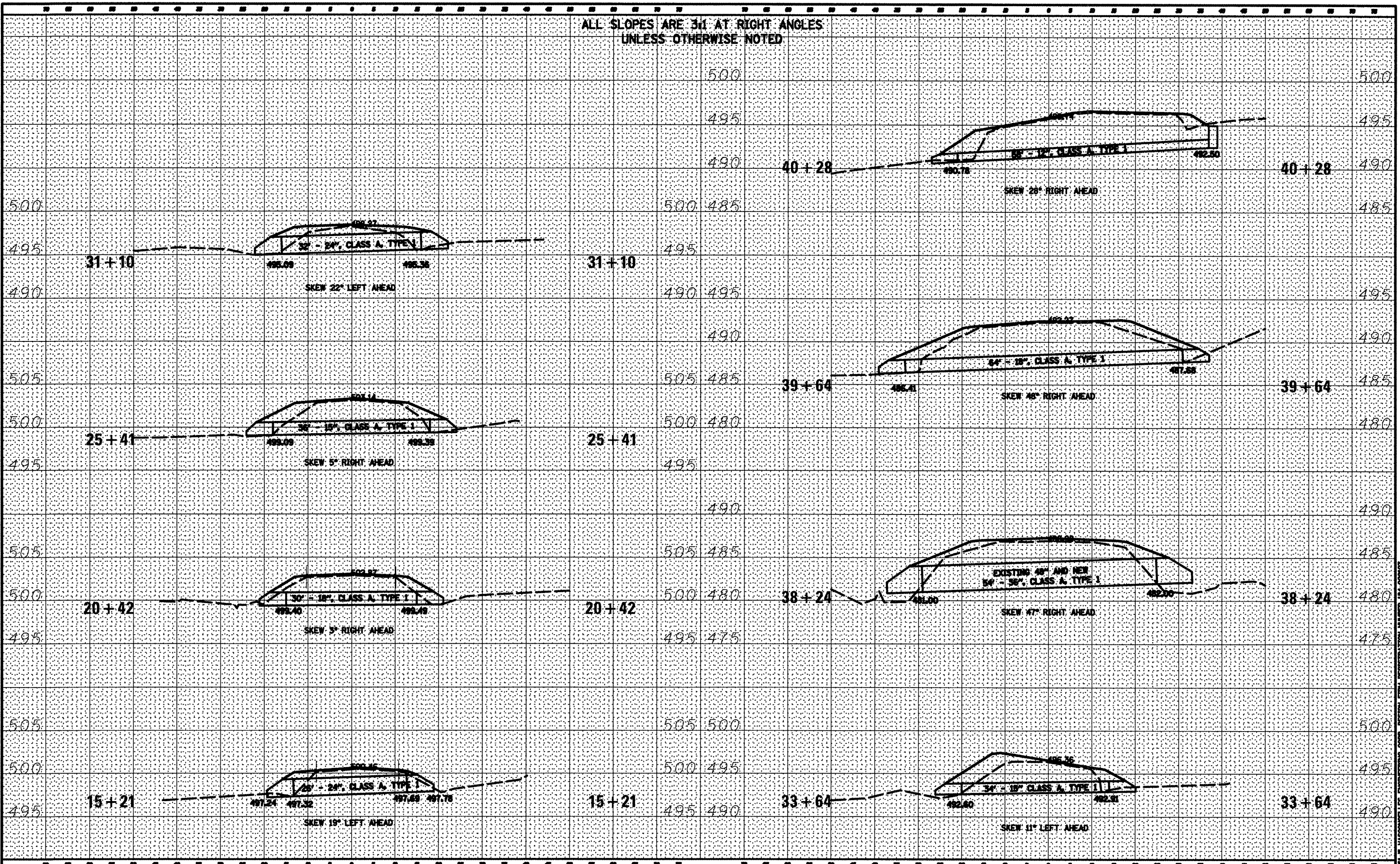
JOB NO. 250-033-B VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-00207



ALL SLOPES ARE 3:1 AT RIGHT ANGLES  
UNLESS OTHERWISE NOTED

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FILE NAME :  
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PLDT DATE : #DATE#

DESIGNED - R.J.D.  
DRAWN - S.D.K.  
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DATE - 4/4/12

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
CROSS SECTIONS 15+21 - 40+28  
SCALE: 1" = 10'  
SHEET NO. 106 OF 112 SHEETS  
STA. 15+21 TO STA. 40+28

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	106
		CONTRACT NO.	46223
ILLINOIS FED. AID PROJECT			

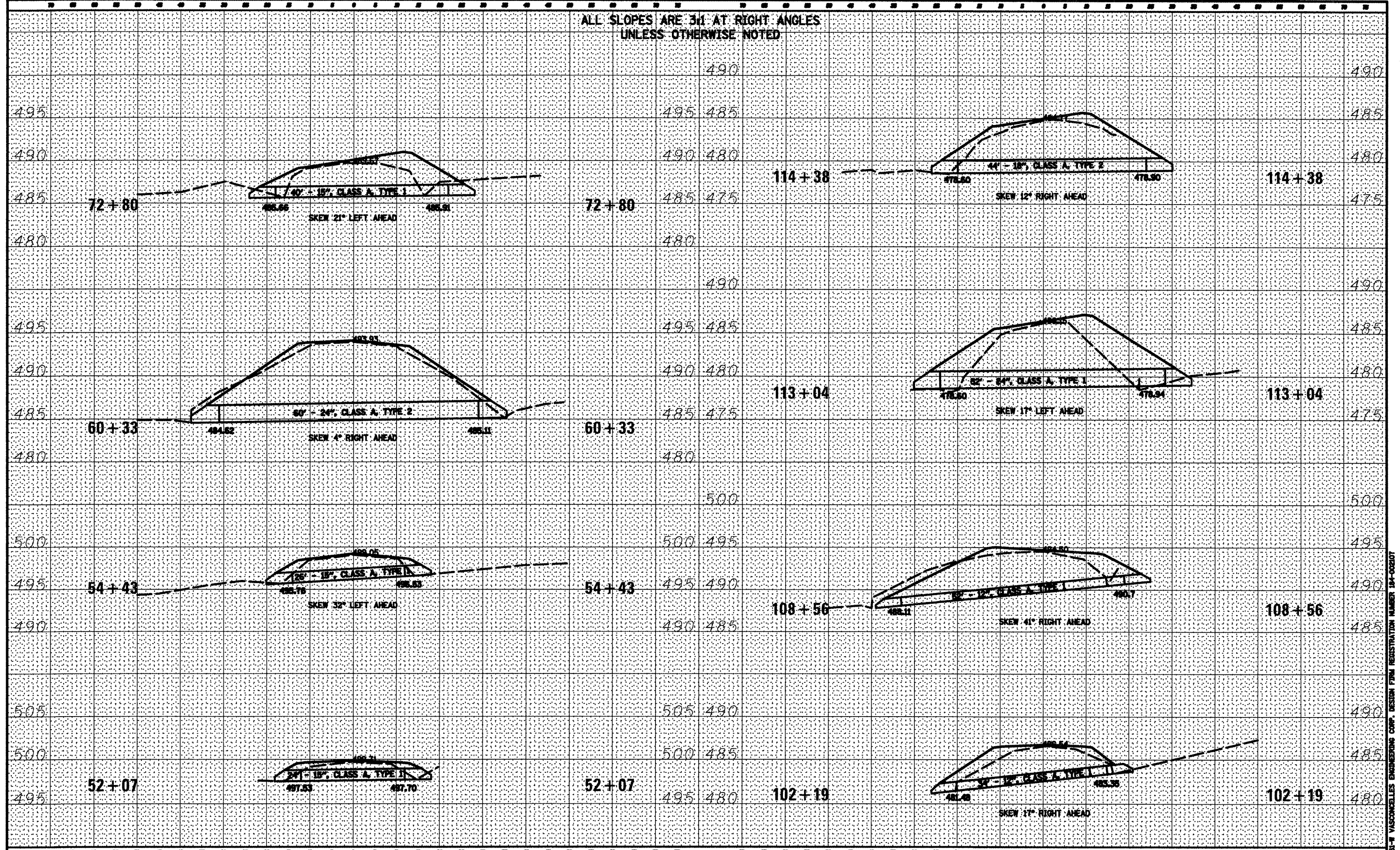
JOB NO. 20-061-W VASCONCELLOS ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 14-000207



ALL SLOPES ARE 3:1 AT RIGHT ANGLES  
UNLESS OTHERWISE NOTED

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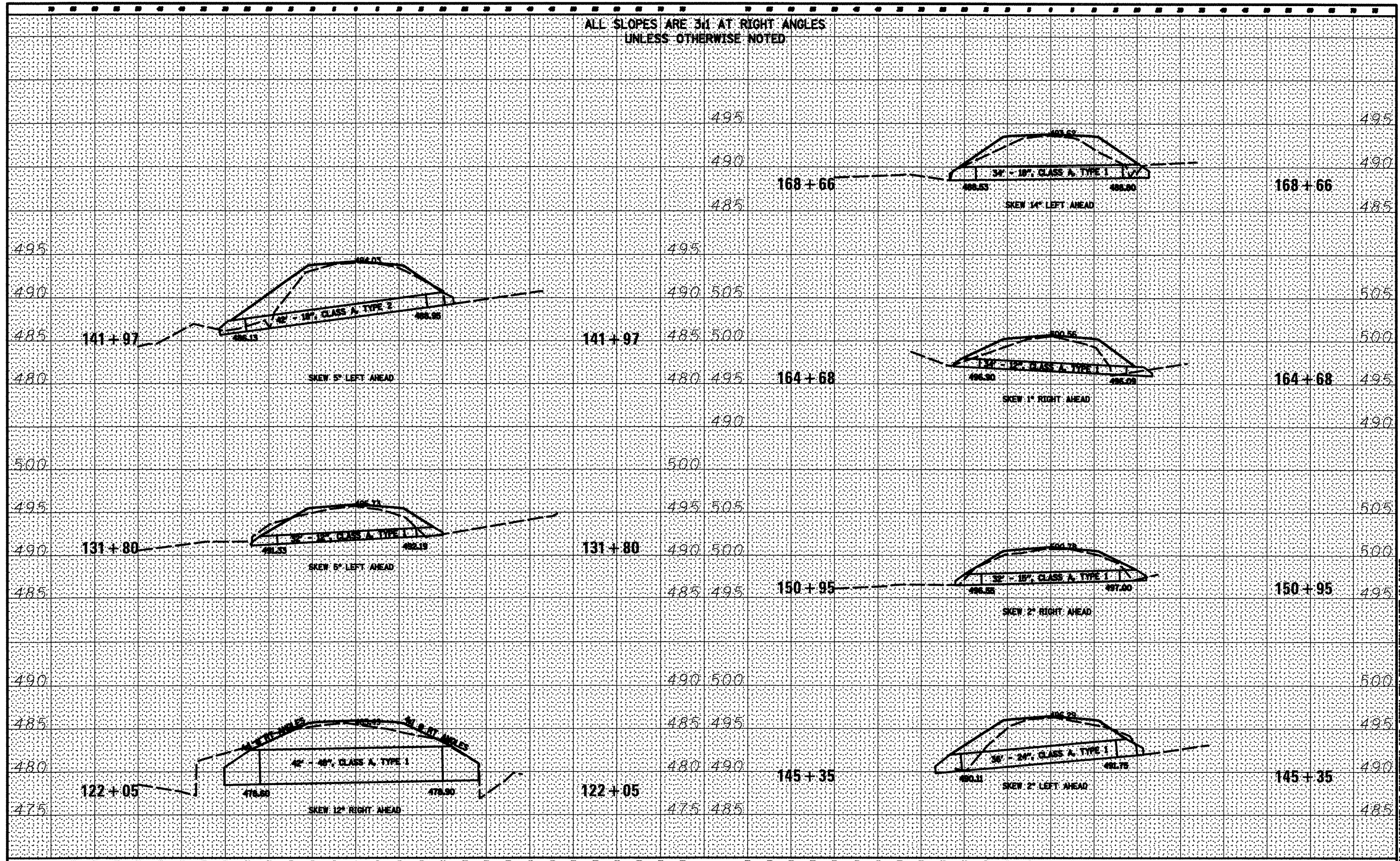
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PLOT SCALE = *SCALE*		CHECKED - CHECKED	REVISED -		CONTRACT NO. 46223									
PLOT DATE = *DATE*		DATE - 4/4/12	REVISED -		ILLINOIS FED. AID PROJECT									
					JOB NO. 250-061-4 VASCONCELLOS ENGINEERING CORP. DESIGN FILE REGISTRATION NUMBER 184-08207									



ALL SLOPES ARE 3:1 AT RIGHT ANGLES  
UNLESS OTHERWISE NOTED

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FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WASHINGTON COUNTY CONSERVATION AREA CROSS SECTIONS 122+05 - 168+66 SCALE: 1" = 10'	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - S.D.J.	REVISED -						
		CHECKED - CHECKED	REVISED -						
		DATE - 4/4/12	REVISED -						
					SHEET NO. 110 OF 112 SHEETS	STA. 122+05	TO STA. 168+66	CONTRACT NO. 46223	ILLINOIS FED. AID PROJECT

JOB NO. 200-041-4 VASCONCELLOS ENGINEERING CORP. DESIGN FROM REGISTRATION NUMBER 184-002807

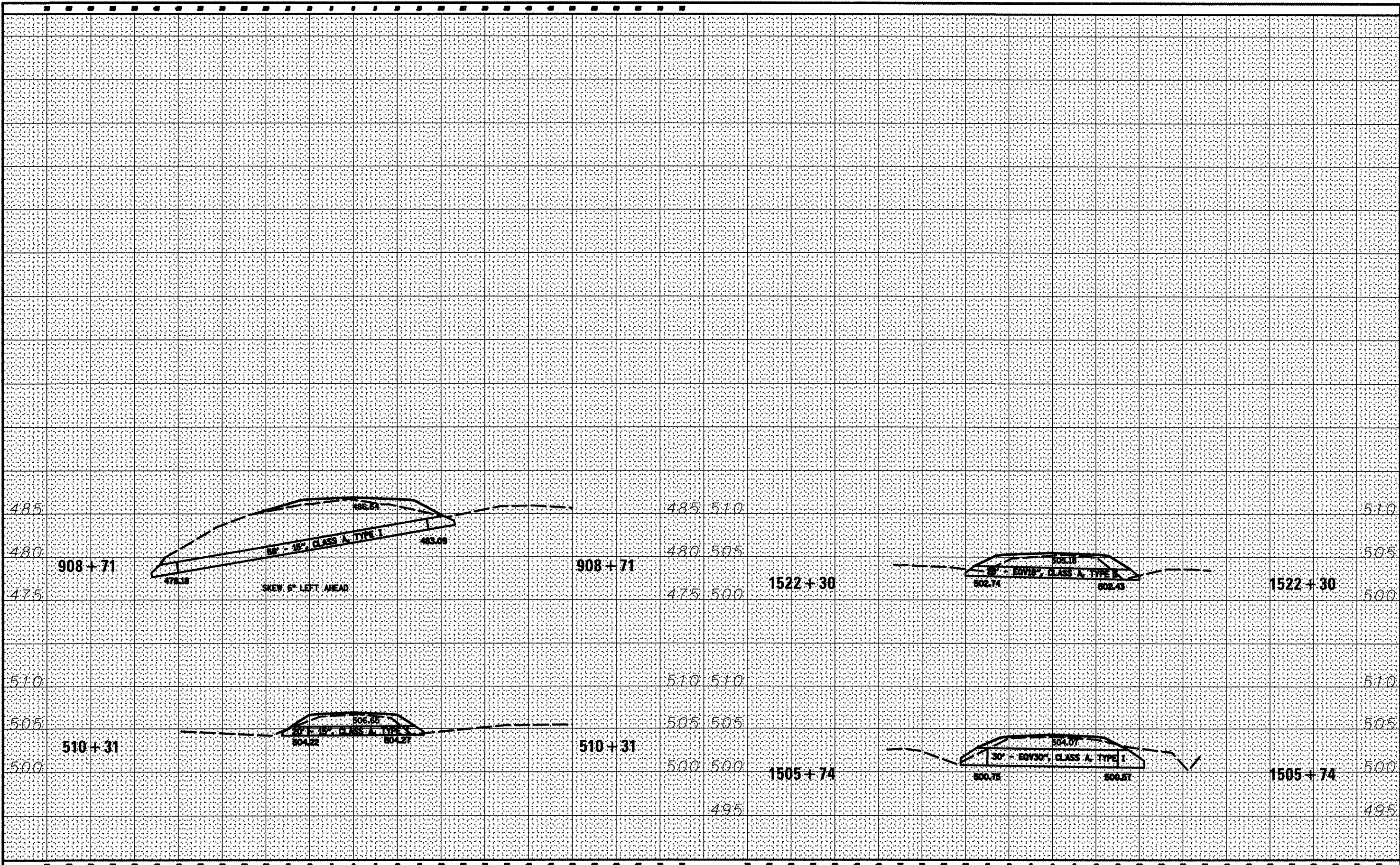






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FILE NAME -  
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USER NAME - #USER#  
PLOT SCALE - #SCALE#  
PLOT DATE - #DATE#

DESIGNED - R.H.D.	REVISED -
DRAWN - J.T.T.	REVISED -
CHECKED - R.H.D.	REVISED -
DATE - 4/4/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WASHINGTON COUNTY CONSERVATION AREA  
MISCELLANEOUS CULVERT CROSS SECTIONS  
SCALE: 1" = 10' SHEET NO. 112 OF 112 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WASHINGTON	112	112
		CONTRACT NO. 46223	

JOB NO. 200-061-W WASHINGTON COUNTY CONSERVATION AREA DESIGN FIRM REGISTRATION NUMBER 184-002007