



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</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	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