



metric units

□ PRESSURE RELIEF JOINT, TYPE A (FOR ADD'L. DETAILS, SEE BP-2.3M)

SPIRAL 3 I-71 RAMP "A"
P.I. STA. 18+843.438
 $\Delta = 79^\circ 35' 13''$ LT
R = 106.680 m
L_s = 76.200 m
 $\theta_s = 20^\circ 27' 46''$
LT = 51.144 m
ST = 25.713 m
L_c = 71.985 m
T_s = 128.681 m
E_s = 35.100 m
e_{max} = 0.083
T.S. STA. 18+714.757
S.C. STA. 18+790.957
C.S. STA. 18+862.942
S.T. STA. 18+939.142

REF NO.	STATION		100mm CONDUIT, TYPE F *	605	605	100 mm FITTINGS		
	FROM	TO	M	M		BEND	TEE	WYE
U1	18+842.33	18+870.00	3.00	24.67				
U2	18+847.00	18+847.65		6.82				
TOTALS CARRIED TO GENERAL SUMMARY			3.00	31.49				

* 707.17 NON-PERFORATED ASTM D3034, SDR 35, SS 931 OR SS 944								
X	BEND 22.5°	EACH	2					
604	INLET, PAVEMENT 3.6 m AS PER PLAN	EACH	1					1
603	400 mm CONDUIT, TYPE F, 707.05, TYPE C	M	38.1					38.1
602	CONCRETE MASONRY	CU.M	0.25					0.25
601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	CU.M	1.2					1.2
TOTALS CARRIED TO GENERAL SUMMARY								