



MATCHLINE STA. 279+20.000 MATCH TO SHT. NO. 11

MATCH TO SHT. NO. 12

MATCHLINE STA. 286+40.000 MATCH TO SHT. NO. 14

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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SEE SHEETS NO. 56 AND NO. 57 FOR LINE '-L-' GRADE AND PROFILE.
SEE SHEET NO. 83 FOR RAMP 'D' GRADE AND PROFILE.
SEE SHEET NO. 84 FOR RAMP 'YB' GRADE AND PROFILE.
SEE SHEETS NO. 82 AND NO. 83 FOR LINE '-YB-' GRADE AND PROFILE.

RAMP 'D'			RAMP 'YB'		
Pile Sta 0+90.052	Pile Sta 1+96.907	Pile Sta 3+17.674	Pile Sta 4+296.933	Pile Sta 5+151.987	Pile Sta 6+168.544
$\theta_s = 1^\circ 58' 58''$	$\Delta = 217.99' 32''$ (LT)	$\theta_s = 1^\circ 54' 39''$	$\theta_s = 1^\circ 58' 09.3''$ (RT)	$\theta_s = 1^\circ 54' 39''$	$\theta_s = 1^\circ 54' 39''$
$L_s = 60.000$	$L = 207.990$	$L_s = 60.000$	$L_s = 60.000$	$L_s = 60.000$	$L_s = 60.000$
$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$
$R = 300.000$	$R = 300.000$	$R = 300.000$	$R = 300.000$	$R = 300.000$	$R = 300.000$
$SE = 174$	$SE = 174$	$SE = 174$	$SE = 174$	$SE = 174$	$SE = 174$

LOOP 'D'			'-YB-'		
Pile Sta 0+160.498	Pile Sta 3+176.903	Pile Sta 6+146.189	Pile Sta 10+36.399	Pile Sta 10+14.870	Pile Sta 14+54.000
$\theta_s = 2^\circ 25' 12.3''$	$\Delta = 136' 10.33''$ (RT)	$\theta_s = 2^\circ 25' 12.3''$	$\theta_s = 1^\circ 17' 25.9''$ (RT)	$\theta_s = 1^\circ 17' 25.9''$ (RT)	$\theta_s = 1^\circ 17' 25.9''$ (RT)
$L_s = 60.000$	$L = 273.333$	$L_s = 60.000$	$L_s = 60.000$	$L_s = 60.000$	$L_s = 60.000$
$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$	$IT = 60.000$
$R = 60.000$	$R = 115.000$	$R = 115.000$	$R = 300.000$	$R = 300.000$	$R = 300.000$
$SE = 30.444$	$SE = 62$	$SE = 62$	$SE = 62$	$SE = 62$	$SE = 62$

METRICS

PROJECT REFERENCE NO. R-536

SHEET NO. EC-22/CONST 23

R/W SHEET NO.

CONST. REV.

R/W REV.

NOTE: TEMPORARY RET FENCE SHALL BE INSTALLED A MINIMUM OF 1 METRE FROM TOP OF HILL IN WETLAND AREAS.

NOTE: PLACE TEMPORARY ROCK SEDIMENT BARS TYPE 'B' AND TEMPORARY ROCK BEE CHECKS TYPE 'A' AT DRAINAGE OUTLETS.