

Project Name: Codman_Final
Description:
Horizontal Alignment Name: Prop_AshNB
Description:
Style:
Vertical Alignment Name: Prop_AshNB
Description:
Style:

	STATION	ELEVATION
Element: Linear		
POB	641+44.67	42.97
PVI	641+95.67	41.74
Tangent Grade:	-2.411	
Tangent Length:	51.01	
Element: Linear		
PVI	641+95.67	41.74
PVC	642+07.29	41.46
Tangent Grade:	-2.411	
Tangent Length:	11.62	
Element: Parabola		
PVC	642+07.29	41.46
PVI	642+57.29	40.25
PVT	643+07.29	40.21
Length:	100.00	
Headlight Sight Distance:	540.41	
Entrance Grade:	-2.411	
Exit Grade:	-0.075	
$r = (g_2 - g_1) / L:$	2.336	
$K = 1 / (g_2 - g_1):$	42.804	
Middle Ordinate:	0.29	
Element: Linear		
PVT	643+07.29	40.21
PVC	645+66.48	40.02
Tangent Grade:	-0.075	
Tangent Length:	259.19	
Element: Parabola		
PVC	645+66.48	40.02
PVI	646+78.98	39.94
PVT	647+91.48	38.22
Length:	225.00	
Stopping Sight Distance:	571.52	
Entrance Grade:	-0.075	
Exit Grade:	-1.523	
$r = (g_2 - g_1) / L:$	-0.643	

$$K = 1 / (g_2 - g_1) :$$

155.406