



= PROJECT EDA (6.25 AC)

= PROPOSED BMP

Project Data		
Project EDA	6.25	Units acres
Is the Project Routine Maintenance per L&D Vol. 2, Sec. 1112.2	No	
BMPs Required?	BMPs Required	NA
Ain (New Impervious Area in New Permanent R/W	0	acres
Does Entire Site Drain to Large River (>100 sq. miles)?	No	
Water Quality Treatment Required	Yes	
Water Quantity Treatment Required	No	
Treatment		
Percent and Treatment Requirement		
Aix (Project EDA that is inside the existing right-of-way)	6.25	acres
Ain (New Impervious Area in New Permanent R/W)	0	acres
T% (Treatment Percent)	20.00	%
Treatment Requirement	1.25	acres

BMPs Provided		
BMP Name	BMP Type	
VBF1	Vegetated Biofilter	
VBF2	Vegetated Biofilter	

Treatment Provided	
Total Area with ODOT R/W Treated (acres)	1.28
Treatment Requirements (acres)	1.25
Treatment Check	Good

Vegetated Biofilter																
Location Information					Hydrology			Channel Characteristics					Analysis Results			
VBF	Route	Begin Station	End Station	Side	Total Drainage Area (acres)	EDA Treatment Credit (acres)	WQ (cfs)	VBF Bottom Width (ft)	VBF Fore Slope (z:1)	VBF Back Slope (z:1)	VBF Longitudinal Slope (ft/ft)	Manning's Roughness Coefficient	Depth of Runoff at WQ (inches)	Velocity of Runoff at WQ (ft/sec)	Standard Ditch Width (feet)	Required Ditch Width (feet)
VBF#1	RAMP A	1373+50	1375+50	RT	0.96	0.66	0.484	4	4	2	0.010	0.15	3.19	0.36	4	4
VBF#2	RAMP A	1386+00	1388+25	RT	0.83	0.62	0.430	4	4	2	0.009	0.15	3.08	0.33	4	4

Total Treatment Credit Earned from VBFs (within RW): 1.28 acres

