

Temporary Erosion Control Estimating English Units

Version 10/18/13

Project Name: FRA-161-15.80
 PID: 117607
 Estimated Construction Cost: \$7,000,000

Project Type: Noise Walls
 Planned Construction Seasons: 2

Total of Temporary Erosion Control: \$170,204
 Percentage of Construction Cost: 2.431%

Sediment Basins		CLICK FOR INPUT HELP		
Project Earth Disturbed Area (acres)		7.95		Do not enter information on Culvert Drainage Area
Est. Contractor Disturbed Area (acres)		0.25		
Total Acres		8.2		
Contributing Drainage Area to Culverts	CLICK FOR INPUT HELP	Drainage Area (acres)	Settling Basin Size (cyd.)	Temporary Sediment & Erosion Cost
Culvert 1			0	
Culvert 2			0	
Culvert 3			0	
Culvert 4			0	
Culvert 5			0	
Culvert 6			0	
Culvert 7			0	
Culvert 8			0	
Culvert 9			0	
Culvert 10			0	
Culvert 11			0	
Culvert 12			0	
Culvert 13			0	
Culvert 14			0	
Culvert 15			0	
Culvert 16			0	
Culvert 17			0	
Culvert 18			0	
Culvert 19			0	
Culvert 20			0	
Culvert 21			0	
Culvert 22			0	
Culvert 23			0	
Culvert 24			0	
Culvert 25			0	
Total Sediment Basins (cyd.)			0	\$0
Sediment Removal			0	\$0

Construction Seeding and Mulching		CLICK FOR INPUT HELP	
		(Square. yd.)	
Seeding Area		19,066	
			(\$/Square Yard)
			\$0.92
			\$52,622

Perimeter Filter Fabric Fence	CLICK FOR INPUT HELP	(\$/Foot)

Length of project (ft)

12739.24

\$3.10

\$78,983

Filter Fabric Ditch Check	CLICK FOR INPUT HELP	Length (Ft)	
Length of project (ft)			0
Number of Filter Ditch Checks			0
Length of Filter Ditch Checks (ft)			0 \$0

Rock Channel Protection w/ Filter	CLICK FOR INPUT HELP		
Rock (cubic yards)		2	\$236

Existing Stream Protection	CLICK FOR INPUT HELP		
Average Right of Way Width			
Number of Existing Streams			
		(\$/Foot)	
Silt Fence Length (Ft)		\$3.10	0 \$0
		(\$/Square Yard)	
Seeding (square yd)		\$0.92	0 \$0

Inlet Protection	CLICK FOR INPUT HELP		
Catch Basins			
New		17	
Adjusted			
Catch Basin Protection (Ft.)		272	\$3,060

Construction Entrance	CLICK FOR INPUT HELP		
Length of project (ft)		12739.24	
Number of Entrances		7	\$35,303