


**NON-STRUCTURAL BMPs/Control Measures** that may be potentially used on the project for erosion and sediment control; practices may include, but are not limited to:  
 Erosion control devices are used to limit the amount of soil loss on site  
 Sediment control devices are designed to capture sediment on the project site.  
 Construction controls are BMPs/Control Measures related to construction access and staging.  
 BMP/Control Measure locations are indicated on the SWMP site map.

APPLICATION, BMP/CONTROL MEASURE	NARRATIVE	M-STANDARD	IN USE ON SITE	BMP/CONTROL MEASURE TO BE LOCATED BY SWMP ADMINISTRATOR	INSTALLATION BMP/CONTROL MEASURE PRE-CONSTRUCTION	BMP/CONTROL MEASURE PHASING		
						FIRST/INITIAL CONSTRUCTION ACTIVITIES	INTERIM CONSTRUCTION ACTIVITIES	PERMANENT STABILIZATION
<i>TOPSOIL MANAGEMENT STOCKPILE/SALVAGE</i> <i>Windrow or stockpile</i>	Prior to embankment work commencing, existing topsoil shall be scraped to a depth of 4 inches, and placed in stockpiles or windrows. Upon completion of slope work/final grading (less 4 inches), topsoil shall be evenly distributed over embankment to a depth of 4 inches.							
<i>SURFACE ROUGHENING / GRADING TECHNIQUES</i> <i>Blading, Backhoe, Dozing, Combination Loader</i>	Temporary stabilization of disturbance and to minimize wind and erosion.						X	
<i>SEEDING (TEMPORARY)</i>	Temporary stabilization used for over wintering of disturbance or used to control erosion for areas scheduled for future construction.						X	
<i>BONDED FIBER MATRIX/HYDRAULIC MULCH</i>	Not to be used in areas of concentrated flows, i.e. ditch lines. To be used in combination with surface roughening for temporary stabilization of disturbed soils, when work is temporarily halted and as approved by the Engineer. May be used as surface cover for temporary topsoil stockpiles							
<i>MULCH/MULCH TACKIFIER</i>	Temporary or Final Stabilization placed as a surface cover for erosion control and or seeding establishment. To be installed as temporary surface cover when work is temporarily halted and as approved by the Engineer						X	X
<i>SPRAY-ON MULCH BLANKET (Not to be used in areas of concentrated flows, i.e. ditch lines.)</i>	Temporary or Final Stabilization placed as a surface cover for erosion control and or seeding establishment. To be installed as temporary surface cover when work is temporarily halted and as approved by the Engineer						X	X
<i>SEEDING PERMANENT (NATIVE)</i>	Final Stabilization of disturbance and to reduce runoff and control erosion on disturbed areas.							X
<i>SOIL RETENTION BLANKET (SRB)</i>	Final Stabilization of disturbance and to reduce runoff and control erosion on disturbed areas.	M-216						
<i>OTHER</i>								

Print Date: 3/7/2017	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sheet Revisions			Colorado Department of Transportation  902 Erie Avenue Pueblo, CO 81001 Phone: 719-562-5509 FAX: 719-546-5702 Region 2 DTD	As Constructed	SWMP CONSTRUCTION PLAN SHEET			Project No./Code	
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