

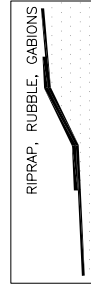
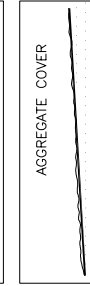
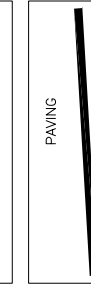


**\* INDICATES APPLICABILITY OF A SPECIFIC CONTROL MEASURE TO ONE OR MORE OF THE SEVEN PROBLEM AREAS.**

SLOPES	A	B	C	D	E	F	G
STREAMS AND WATERWAYS							
SURFACE DRAINAGEWAYS							
ENCLOSED DRAINAGE (INLET & OUTFALL CONTROL)							
LARGE FLAT SURFACE AREAS	*		*	*	*	*	*
BORROW AND STOCKPILE AREAS	*						
ADJACENT PROPERTIES	*						

11	ROUGHENED SURFACE 	REDUCES VELOCITY AND INCREASES INFILTRATION RATES. COLLECTS SEDIMENT. HOLDS WATER, SEED, AND MULCH BETTER THAN SMOOTH SURFACES.	
12	COMPACTION 	HELPS HOLD SOIL IN PLACE, MAKING EXPOSED AREAS LESS VULNERABLE TO EROSION.	
13	RIPRAP, RUBBLE, GABIONS 	USED WHERE VEGETATION IS NOT EASILY ESTABLISHED. EFFECTIVE FOR HIGH VELOCITIES OR HIGH CONCENTRATIONS. PERMITS RUNOFF TO INFILTRATE SOIL DISSIPATES ENERGY FLOW AT SYSTEM OUTLETS.	
14	AGGREGATE COVER 	STABILIZES SOIL SURFACE, THUS MINIMIZING EROSION. PERMITS CONSTRUCTION TRAFFIC IN ADVERSE WEATHER. MAY BE USED AS PART OF PERMANENT BASE CONSTRUCTION OF PAVED AREAS.	
15	PAVING 	PROTECTS AREAS WHICH CANNOT OTHERWISE BE PROTECTED, BUT INCREASES RUNOFF VOLUME AND VELOCITY. IRREGULAR SURFACE WILL HELP SLOW VELOCITY.	

C					
B					
A					
	DESCRIPTION	DRW	CKD	APP	DATE
REVISIONS					
DRAWN BY: S.D.A.					
CHECKED BY: S.D.A.					
APPROVED:					

**SOIL EROSION  
AND SEDIMENTATION  
CONTROL MEASURES  
(FROM 11-15)**

SCALE: NONE

CITY OF DETROIT  
WATER AND SEWERAGE  
DEPARTMENT  
ENGINEERING  
DIVISION

SHEET 3 OF 9

DWG No. 01014-11