

# EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

AN NPDES STORMWATER PERMIT WILL BE REQUIRED FOR THIS PROJECT.

SEEDING TABLE			
LOCATION	CLASS 2 SPECIAL	CLASS 3 SPECIAL	TEMP EROSION CONTROL SEEDING
	100 LBS/ ACRE/APPL		
	25001000 ACRE	25001100 ACRE	POUND*
TR 50			
LT. STA. 7+25 TO STA. 14+50	0.30	0.04	68
RT. STA. 7+25 TO STA. 14+50	0.13	0.12	50
LT. STA. 15+40 TO STA. 20+00	0.18	0.07	50
RT. STA. 15+40 TO STA. 20+00	0.19	0.04	46
TOTAL PROJECT	0.80	0.27	214

\*2 APPL @ 100LBS/ACRE

STONE RIPRAP CLASS A4				
LOCATION	WIDTH (1)	LENGTH	STONE RIPRAP CLASS A4	FILTER FABRIC
	28100207		28200200	
	LIN FT	LIN FT	TON	SQ YD
TR 50				
RT. STA. 8+50 TO RT. STA. 12+50	14.6	400	503	812
RT. STA. 12+50 TO RT. STA. 13+00	12.8	50	55	91
LT. STA. 12+50 TO LT. STA. 13+00	14.6	50	63	101
RT. STA. 13+00 TO RT. STA. 14+14	11	114	108	186
LT. STA. 13+00 TO LT. STA. 13+50	12.8	50	55	91
LT. STA. 13+50 TO LT. STA. 14+33.4	11	83.4	79	136
RT. STA. 14+75 TO LT. STA. 15+25	36	26	100	104
RT. STA. 15+28 TO RT. STA. 15+56	28	20	49	62
LT. STA. 15+50 TO RT. STA. 15+67	22	11	21	27
TOTAL			1033	1610

### GENERAL NOTES FOR SOIL EROSION CONTROL

1. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL ALSO TAKE SPECIAL NOTE TO THE CONTRACT SPECIAL PROVISION "EROSION CONTROL PLAN". ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER. ALL MEASURES SHALL BE IN PLACE WITHIN 4 DAYS OF DISTURBANCE.
3. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND IMMEDIATELY REPLACED AS NEEDED AND AS DIRECTED BY THE ENGINEER. THE COUNTY WILL BE RESPONSIBLE FOR ALL INSPECTIONS. THE CONTRACTOR SHALL COMPLETE MAINTENANCE OF ALL ITEMS A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A ONE-HALF INCH RAINFALL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SEEDING IS ACHIEVED.
4. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 5 FEET OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION. STAKES SHALL BE PLACED AT A MINIMUM OF 5 FOOT INTERVALS. SEE STD. 280001.
5. THE PERIMETER EROSION BARRIER SHALL BE REMOVED WITHIN 30 DAYS AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AFTER THE PERIMETER EROSION BARRIER IS REMOVED, ALL AREAS DAMAGED BY THE FENCE INSTALLATION SHALL BE RESTORED BY THE CONTRACTOR.
6. THE FENCE INSTALLATION, MAINTENANCE, REMOVAL AND THE RESTORATION OF THE AREA DISTURBED BY THE FENCE INSTALLATION IS INCLUDED IN COST OF THE PAY ITEM PERIMETER EROSION BARRIER.
7. TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED AS PER CONTRACT SPECIAL PROVISIONS AND AS SHOWN HEREON OR AS DIRECTED BY THE ENGINEER. THE DITCH CHECKS SHALL BE INSTALLED IMMEDIATELY AS GRADING PROGRESSES THROUGH THE PROJECT. THE PAY ITEM FOR TEMPORARY DITCH CHECK SHALL INCLUDE THE COST OF INSTALLATION, MAINTENANCE AND REMOVAL. ONLY AGGREGATE DITCH CHECKS SHALL BE USED. SEE STD. 280001.
8. REMOVAL OF TRAPPED SEDIMENT SHALL BE INCLUDED IN THE PRICE OF THE EROSION CONTROL ITEM. SEDIMENT SHALL BE REMOVED WHEN SILTATION REACHES 50% CAPACITY OF STRUCTURE. SEE APPLICABLE STANDARDS, SPECIFICATIONS, AND CONTRACT SPECIAL PROVISIONS.
9. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF. THE PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTH MATERIAL TO THE SATISFACTION OF THE ENGINEER.
10. THE CONTRACTOR SHALL CONTACT THE COUNTY HIGHWAY DEPARTMENT AS SOON AS INITIAL EROSION CONTROL PRACTICES ARE INSTALLED.
11. TEMPORARY SEEDING SHALL BE COMPLETED ACCORDING TO THE ITEM TEMPORARY EROSION CONTROL SEEDING ON ALL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH CONSTRUCTION WILL BE STOPPED FOR A PERIOD OF MORE THAN 15 WORKING DAYS.
12. THE COST OF ALL REQUIRED TEMPORARY SEEDING SHALL BE PAID FOR AS PER THE ITEM TEMPORARY EROSION CONTROL SEEDING.
13. ALL DISTURBED AREAS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER. FINAL SEEDING SHALL CONFORM TO SEEDING CLASS 2 (SPECIAL) AS PER IDOT STANDARD SPECIFICATIONS AND CONTRACT SPECIAL PROVISIONS.
14. THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB SURFACE DRAINAGE SYSTEMS (i.e. FIELD TILES) ACCORDING TO SECTION 611 OF THE IDOT STANDARD SPECIFICATIONS.
15. SEEDING CLASS 3 (SPECIAL) WILL BE USED ON ALL SLOPES GREATER THAN 3:1.

TEMPORARY DITCH CHECKS		TEMPORARY DITCH CHECKS		TEMPORARY DITCH CHECKS	
LOCATION	TEMPORARY DITCH CHECKS	LOCATION	TEMPORARY DITCH CHECKS	LOCATION	TEMPORARY DITCH CHECKS
	EACH		EACH		EACH
TR 50		TR 50		TR 50	
RT. STA. 7+25	1	RT. STA. 10+50	1	LT. STA. 13+30	1
RT. STA. 7+50	1	RT. STA. 10+70	1	RT. STA. 13+50	1
RT. STA. 7+70	1	RT. STA. 10+90	1	LT. STA. 13+50	1
RT. STA. 7+90	1	RT. STA. 11+10	1	RT. STA. 13+70	1
RT. STA. 8+10	1	RT. STA. 11+30	1	LT. STA. 13+70	1
RT. STA. 8+20	1	RT. STA. 11+50	1	RT. STA. 13+90	1
RT. STA. 8+50	1	RT. STA. 11+70	1	LT. STA. 13+90	1
RT. STA. 8+70	1	RT. STA. 11+90	1	RT. STA. 14+10	1
RT. STA. 8+90	1	RT. STA. 12+10	1	LT. STA. 14+10	1
RT. STA. 9+10	1	RT. STA. 12+30	1	RT. STA. 14+30	1
RT. STA. 9+30	1	RT. STA. 12+50	1	LT. STA. 14+30	1
RT. STA. 9+50	1	RT. STA. 12+70	1	RT. STA. 14+50	1
RT. STA. 9+70	1	RT. STA. 12+90	1	LT. STA. 14+50	1
RT. STA. 9+90	1	RT. STA. 13+10	1	TOTAL	45
RT. STA. 10+10	1	LT. STA. 13+10	1		
RT. STA. 10+30	1	RT. STA. 13+30	1		

EROSION CONTROL				
LOCATION	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	GUARDRAIL AGGREGATE EROSION CONTROL
	28000500		25100830	X0301512
	EACH	FOOT	SQ YD	TON
TR 50				
LT. STA. 7+25 TO LT. STA. 15+10		785		
RT. STA. 7+25 TO RT. STA. 14+55		730		
RT. STA. 7+25 TO RT. STA. 14+36			925	
LT. STA. 13+00 TO LT. STA. 14+50			133	
RT. STA. 13+16.63 TO RT. STA. 14+43.78				27
LT. STA. 13+27.55 TO LT. STA. 14+54.70				27
RT. STA. 14+55 TO LT. STA. 15+10		135		
RT. STA. 14+90 TO LT. STA. 15+20		130		
RT. STA. 15+40.30 TO RT. STA. 16+67.45				27
RT. STA. 15+40 TO RT. STA. 16+00			17	
LT. STA. 15+50 TO LT. STA. 16+25			132	
LT. STA. 15+50 TO LT. STA. 16+00		110		
RT. STA. 15+50 TO RT. STA. 20+00		450		
LT. STA. 15+51.22 TO LT. STA. 16+03				16
LT. STA. 16+30 TO LT. STA. 20+00		400		
RT. STA. 17+67	1			
TOTAL	1	2740	1207	97