

EROSION AND SEDIMENT CONTROL GENERAL NOTES





1. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS ON DOWNSTREAM AREAS.
 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT.
 3. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
 4. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
 5. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WITHIN 7 DAYS WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
 6. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND IS TO HAVE TAKEN AN APPROVED EROSION AND SEDIMENT CONTROL COURSE. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 0.5 INCH, OR SNOW FALL EQUIVALENT.
 7. SEDIMENT CONTROL MEASURES SUCH AS DITCH CHECKS, SILT FENCE, EROSION CONTROL BLANKET, ETC. SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. SILT FENCE AND DITCH CHECKS SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
 8. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.
 9. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICABLE AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE.
10. THE CONTRACTOR IS ADVISED THAT SOME IN-STREAM WORK IS REQUIRED TO PLACE THE RIP RAP SLOPEWALL. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AN IN-STREAM WORK PLAN PRIOR TO STARTING CONSTRUCTION. ALL COSTS ASSOCIATED WITH PROVIDING THIS PLAN AND CONFORMING TO ITS REQUIREMENTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

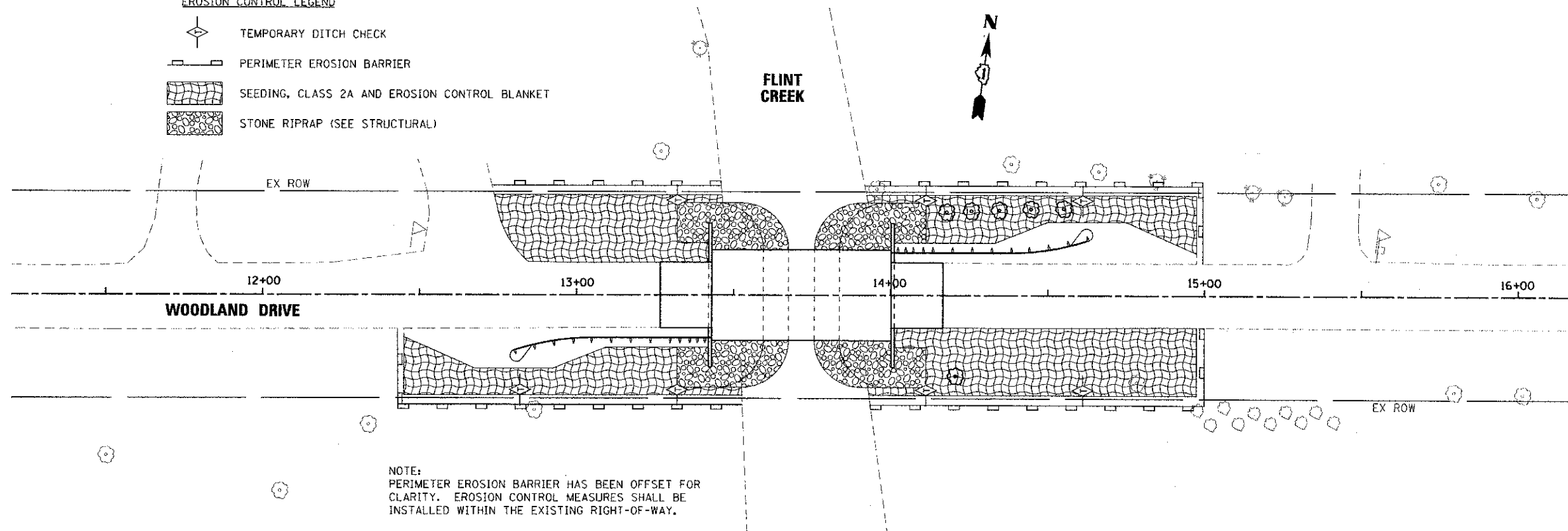
EROSION AND SEDIMENT CONTROL STRATEGY

DISTURBED AREA: 0.30 ACRES
RECEIVING WATERS: FLINT CREEK

- A. INSTALL PERIMETER EROSION BARRIER.
- B. CLEAR AND GRUB, REMOVE EXISTING TREES AND VEGETATION AS REQUIRED.
- C. INSTALL TEMPORARY DITCH CHECKS.
- D. STABILIZE DISTURBED AREAS IN A TIMELY MANNER, PER THE REQUIREMENTS IN THE NOTES. WHEN POSSIBLE, UTILIZE PERMANENT MEASURES. TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 SHALL BE USED IF PERMANENT MEASURES CAN NOT BE INSTALLED.
- E. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
- F. WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

EROSION CONTROL LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
-  STONE RIPRAP (SEE STRUCTURAL)



USER NAME = EricD	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 1:20	CHECKED -	REVISED -	
PLOT DATE = 05/14/12	DATE = 05/14/12	REVISED -	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-0010-00-BR	LAKE	41	13
	EC-1	CONTRACT NO. 63716		
ILLINOIS FED. AID PROJECT				