

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL AREAS LOCATED DOWNSTREAM FROM DISTURBED AREAS OF CONSTRUCTION SHALL BE PROTECTED FROM POTENTIAL INCREASE OF EROSION AND SEDIMENT RESULTING FROM UPSTREAM ACTIVITIES.
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREA OF CONSTRUCTION SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO THE START OF DISTURBANCE.
4. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED; BUT IN NO CASE SHALL THESE MEASURES BE INSTALLED MORE THAN 7 DAYS AFTER THE CONSTRUCTION IN THIS AREA TEMPORARILY OR PERMANENTLY CEASES.
5. ALL STORM SEWER STRUCTURES THAT RECEIVE RUNOFF DURING CONSTRUCTION SHALL INCLUDE INLET PROTECTION FILTERS TO PREVENT DEBRIS AND EXCESSIVE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM. THESE PROTECTIVE MEASURES SHALL BE PROPERLY INSTALLED, MAINTAINED, AND REMOVED IN THEIR ENTIRETY AFTER THE AREA TRIBUTARY TO THE STORM STRUCTURE IS STABILIZED.
6. DISCHARGES FROM DEWATERING OPERATIONS SHALL ENTER OR BE ROUTED THROUGH A SEDIMENT BAG OR OTHER EROSION CONTROL DEVICE APPROVED BY THE ENGINEER PRIOR TO DISCHARGE.
7. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED.
8. INSPECT, REPAIR, REPLACE OR MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES AFTER A RAINFALL EVENT OF 1/2 INCH OR MORE OVER A 24-HOUR PERIOD AND EVERY 7 CALENDAR DAYS.
9. MAKE ADJUSTMENTS TO THE SEDIMENTATION AND EROSION CONTROL PLAN AND METHODS, AS NEEDED, TO ACCOMPLISH THE INTENDED PURPOSE.
10. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY OR AS DETERMINED BY THE VILLAGE OF CARPENTERSVILLE OR THE ENGINEER.
11. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL AND/OR DEBRIS UPON LOCATIONS MEANT TO CONVEY SITE DRAINAGE.
12. IF THE CONTRACTOR IS NOTIFIED BY THE ENGINEER OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY, THE DEFICIENCY MUST BE CORRECTED WITHIN 24-HOURS OF BEING NOTIFIED.
13. NO STOCKPILING OF MATERIAL ALLOWED IN THE FLOODPLAIN.
14. THE CONTRACTOR SHALL CONTACT THE U.S. ARMY CORPS OF ENGINEERS (ACOE), CHICAGO DISTRICT AT 312-846-5532 PRIOR BEGINNING WORK WITHIN A WATERWAY. THE MEANS AND METHODS FOR COMPLETING WORK WITHIN A WATERWAY MUST BE APPROVED BY ACOE PRIOR TO COMMENCEMENT OF WORK. ACOE WILL APPROVE PLANS TO ENSURE EROSION CONTROL STANDARDS ONLY. ALL WORK NEEDED TO SATISFY ACOE REQUIREMENTS SHALL BE INCLUDED IN THE COST FOR REMOVING EXISTING STRUCTURES.
15. WORK WITHIN A WATERWAY SHALL BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. NO EQUIPMENT SHALL ENTER THE WATER AT ANY TIME.
16. IF BYPASS PUMPING IS NECESSARY, THE PUMP SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM BEING SUCKED INTO THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION OF DOWNSTREAM AREAS.
17. SIDE SLOPES SHALL BE RESEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AND STABLE ENOUGH TO ACCEPT FLOWS.
18. WHERE STREAM DISTURBANCE IS NECESSARY, THE STREAM BED AND BANKS, SHALL BE RESTABILIZED WITHIN FORTY-EIGHT (48) HOURS AFTER DISTURBANCE IS COMPLETE OR INTERRUPTED.
19. THE CONTRACTOR AND ENGINEER SHALL MEET WITH THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT TO COORDINATE ALL IN-STREAM WORK ACTIVITIES. THE CONTRACTOR'S IN-STREAM WORK PLAN SHALL BE SUBMITTED TO THE SOIL AND WATER CONSERVATION DISTRICT FOR REVIEW AND APPROVAL PRIOR TO STARTING ANY WORK.
20. COMPLETED SLOPES SHALL BE SEEDDED AND BLANKETED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDDED AT ONE TIME.
21. THE SITE SHALL BE PHASED IN A WAY THAT REDUCES THE AMOUNT OF STRIPPED, UNSTABILIZED AREAS WITHIN THE SITE AT ANY ONE TIME. MASS GRADING THE ENTIRE SITE SHALL BE AVOIDED AS TO PREVENT EROSION ONSITE AND SEDIMENTATION DOWNSTREAM.
22. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.
23. NO STORMWATER MAY BE CONVEYED THROUGH THE CREEK DURING THE INSTALLATION OF THE 3 SIDED STRUCTURE, REMOVAL OF THE CULVERT, OR RESTORATION OF THE CREEK UNTIL THE SIDE SLOPES HAVE BEEN RESTORED AND STABILIZED.
24. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (i.e. PERIMETER SILT FENCE). STOCKPILES, NOT BEING ACTIVELY WORKED AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

25. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.
26. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) SHALL BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
27. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
28. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE KDSWCD.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
30. DURING DEWATERING OPERATIONS, WATER SHALL BE FILTERED AND/OR PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES, OR STORMWATER STRUCTURES IS PROHIBITED.
31. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
32. TEMPORARY CONCRETE WASHOUT FACILITIES, SLUMP PITS, AND CONSTRUCTION ENTRANCES IF REQUIRED SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
33. STOCKPILES SHALL BE LOCATED IN AREAS THAT DO NOT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORM WATER FACILITIES.
34. SEDIMENT TRAPS SHALL BE CONSTRUCTED BY OVER EXCAVATING 1 FOOT BELOW PROPOSED GRADE JUST UPSTREAM OF A TEMPORARY DITCH CHECK. OVER EXCAVATION SHALL BE PAID FOR AS EARTH EXCAVATION.
35. THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON SITE FOR A COFFERDAM DURING STREAM GRADING AND CULVERT REPLACEMENT.

CREEK STRUCTURE REPLACEMENT NOTES

1. ALL DISTURBED AREAS AND WORK AREAS SHALL BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE DIVERSION/ISOLATION OF THE CREEK FLOWS SHALL BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS. THE KDSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
3. DURING WORK ON AND WITHIN THE CREEK, WORK SHALL BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
4. CONCENTRATED FLOW SHALL BE ISOLATED FROM THE WORK AREA USING A NON-ERODIBLE COFFERDAM (STEEL SHEETS, AQUA BARRIERS, ETC.). EXACT MEANS AND METHODS SHALL BE DISCUSSED DURING THE PRE-CONSTRUCTION MEETING.
5. IF BYPASS IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SLUMP PIT AND THE OUTLET PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAMFLOW.
6. ALL DEWATERING SHALL BE FILTERED PRIOR TO ENTERING THE CREEK USING FILTER BAGS OR AN ALTERNATIVE MEASURE APPROVED BY THE ENGINEER.
7. THE SIDE SLOPES SHALL BE RESEEDED AND STABILIZED WITH EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE SHALL BE STABLE ENOUGH TO ACCEPT FLOWS.

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1 ADDENDUM 1



DESIGNED -	DJS	REVISED -	PER IDOT 10/19/12
DRAWN -	UKB	REVISED -	PER KDSWCD 04/09/13
CHECKED -	RWL	REVISED	
DATE	06/20/12	FILE	110994-EROS5-GNITES.sht

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL NOTES

SCALE: NONE

STA. TO STA.

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4006	95-00049-00-PV	KANE	138	384
			CONTRACT NO. 63745	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8002 (095)				