

EROSION CONTROL NOTES:

1. THE CONSTRUCTION LIMITS WILL BE IDENTIFIED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED AT LOCATIONS SHOWN ON EROSION CONTROL PLAN. ANY RELOCATION OF THE PERIMETER EROSION BARRIER MUST BE APPROVED BY THE ENGINEER.
3. SEE CROSS SECTIONS FOR GRADING INFORMATION.
4. SEE PROPOSED PLAN AND PROFILE FOR STORM SEWER INFORMATION.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE.
6. DURING DE-WATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DE-WATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES THAT DO NOT DRAIN INTO SEDIMENT BASINS OR SILT TRAPS IS PROHIBITED. (SEE NOTE "K" FOR FURTHER DETAIL)
7. EROSION CONTROL ITEMS MAY BE UTILIZED IN MULTIPLE STAGES. REMOVAL OF EROSION CONTROL ITEMS SHALL BE APPROVED BY THE ENGINEER.
8. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS", "ILLINOIS URBAN MANUAL", AND THE SPECIAL PROVISIONS.
9. THE CONTRACTOR SHALL KEEP ALL ADJACENT STREETS CLEAN AT ALL TIMES.
10. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT THE EXISTING DRIVEWAY ENTRANCE PRIOR TO EARTH MOVING ACTIVITIES. THIS ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. THE ROADWAY IS TO BE CLEANED OF DEBRIS DAILY. (SEE NOTE "I" FOR FURTHER DETAIL)
11. COORDINATE ALL EROSION CONTROL, SITE GRADING, AND SEEDING/SODDING MEASURES WITH THE EROSION CONTROL AND RESTORATION PLAN.
12. ALL STOCKPILES, WHICH WILL BE IN PLACE FOR TWO WEEKS OR LONGER, SHALL BE HYDROSEEDING WITHIN 14 DAYS OF FINAL STOCKPILING. TOPSOIL STOCKPILES SHALL BE CONSTRUCTED SO AS TO FREELY DRAIN AND SHALL NOT IMPEDE NATURAL DRAINAGE. ALL STOCKPILES SHALL HAVE PERIMETER EROSION BARRIER INSTALLED AROUND THE BASE.
13. THE CONTRACTOR SHALL PREVENT SILT FROM ENTERING OFFSITE DOWNSTREAM STORMWATER CONVEYANCE SYSTEM BY INSTALLING FABRIC DROPS IN ALL STRUCTURES WITH OPEN GRATES, WHICH COLLECT TRIBUTARY WATER FROM DISTURBED AREAS AND DO NOT OUTLET INTO PROJECT SEDIMENT BASINS OR SILT TRAPS.
14. SOODING SHALL BE INITIATED WITHIN 7 DAYS AFTER THE FINAL GRADES HAVE BEEN ATTAINED. ALL UNSTABILIZED AREAS NOT DISTURBED FOR 7 DAYS SHALL BE SEEDING TEMPORARILY. THE TEMPORARY SEED MIXTURE SHALL BE AS DIRECTED BY THE "ILLINOIS URBAN MANUAL". SEE SOIL PROTECTION CHART FOR SEEDING RATES.
15. IF BLOWING DUST IS A PROBLEM, AS DETERMINED BY THE ENGINEER, THEN THE CONTRACTOR SHALL EMPLOY A WATER TRUCK AS OFTEN AS NECESSARY TO KEEP THE SOIL IN A DAMPENED CONDITION TO MINIMIZE AIRBORNE PARTICULATES. INSTRUCTIONS IN THE ILLINOIS URBAN MANUAL PRACTICE STANDARD #825 SHALL BE FOLLOWED.

16. THE CONTRACTOR SHALL INSPECT ALL SOIL EROSION CONTROL MEASURES ON A WEEKLY BASIS OR AFTER A 1/2" RAINFALL AND REPLACE, REPAIR OR CLEAN THEM ON A TIMELY BASIS.
17. ANY SOIL EROSION CONTROL MEASURES IN ADDITION TO THOSE OUTLINED IN THE PLANS, WHICH ARE DEEMED NECESSARY BY THE ENGINEER, SHALL BE IMPLEMENTED IMMEDIATELY BY THE CONTRACTOR.
18. PRIOR TO COMMENCING ANY SITE GRADING, SIGNOFF MUST BE OBTAINED FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM, NPDES).

A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

C. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR RE-DISTURBANCE.

D. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.

**LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SEDIMENT AND EROSION CONTROL NOTES**

E. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

F. 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.

G. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PRIME CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

H. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

I. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.

J. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).

K. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2605 1233 | 02-00170-09-CH | LAKE | 66 | 22 |
| SOIL EROSION & RESTORATION PLAN | | | | |
| FED. ROAD DIST. NO. 5 ILLINOIS PROJECT CMM-8003(207) | | | | |
| CONTRACT NO. 83937 | | | | |

NOTE:
ITEMS UNDERLINED OR STRUCK OUT ARE MODIFICATIONS TO THE ILLINOIS URBAN MANUAL STANDARDS BY HAMPTON, LENZINI AND RENWICK INC.

| EROSION CONTROL ITEM | USE ILLINOIS URBAN MANUAL STANDARD | ILLINOIS URBAN MANUAL DRAWING NUMBER | ILLINOIS URBAN STANDARD NUMBER | USE IDOT STANDARDS | IDOT HIGHWAY STANDARD DETAIL | IDOT STANDARD SPECIFICATION SECTION | USE MISC. STANDARDS | MISCELLANEOUS STANDARDS OR COMMENTS | TEMPORARY EROSION CONTROL | PERMANENT EROSION CONTROL |
|---|------------------------------------|--------------------------------------|--------------------------------|--------------------|------------------------------|-------------------------------------|---------------------|-------------------------------------|---------------------------|---------------------------|
| TEMPORARY SEEDING | X | N/A | 965 | | 250, 251 | | | | X | - |
| PERMANENT SEEDING | | N/A | 880 | X | 250 | | | | - | X |
| SODDING | | N/A | 880, 925 | X | 252 | | | | - | X |
| EROSION BLANKET | X | 530 | 830 | | 251 | | | | - | X |
| PERIMETER EROSION BARRIER | | 620 | 920 | X | 280001-02 | 280 | | | X | - |
| TEMPORARY DITCH CHECK, URETHANE FOAM/GEOTEXTILE INLET PROTECTION, SPECIAL | | 635 | 935 | | 280001-02 | 280 | X | STANDARD LC1005 | X | - |
| | | N/A | N/A | X | 280001-02 | 280 | | | X | - |
| SEDIMENT TRAP | | 660 | 960 | X | 280001-02 | 280 | | 15' x 25' (MIN.) | X | - |
| ROCK OUTLET PROTECTION | X | 610, 611 | 910 | | N/A | 281, 282 | | | - | X |
| DUST CONTROL | X | N/A | 825 | | N/A | N/A | | | X | - |

