F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2661	00-00095-4-BR	LAKE	28	7
EROSION AND SEDIMENT CONTROL PLAN				
C-91-169-00	ILLINOIS			

CONTRACT NO.: 83789

EROSION CONTROL PLAN
& STORMWATER POLLUTION PREVENTION PLAN

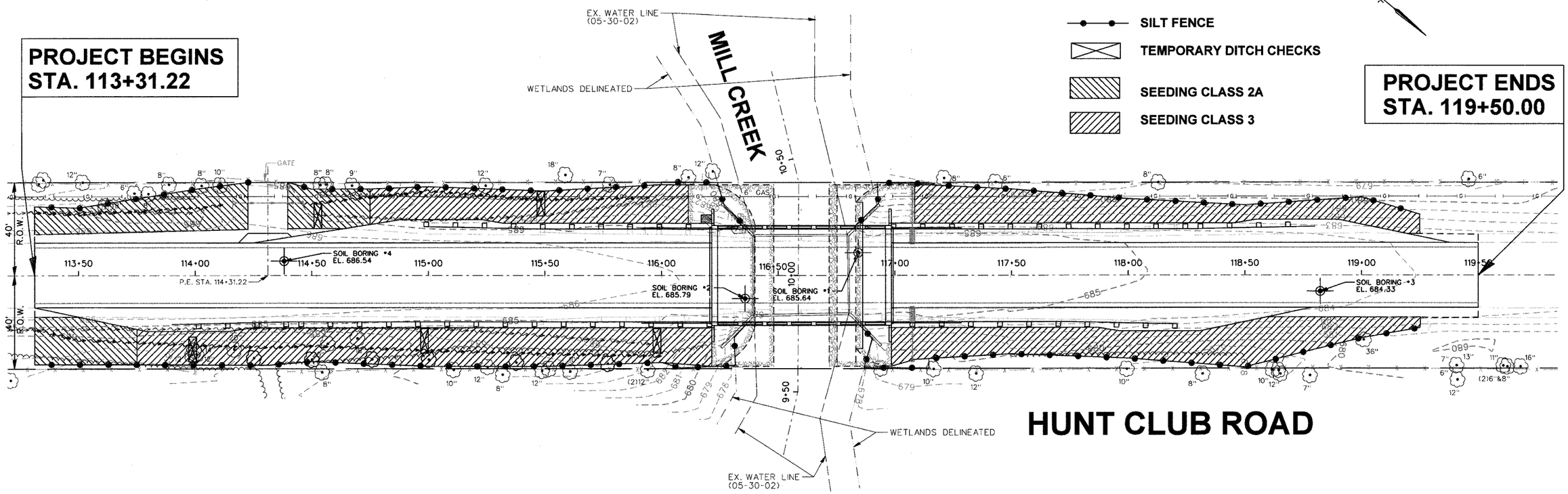
THIS PROJECT DISTURBS 0.73 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS NECESSARY IF A PROJECT DISTURBS 1 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES STORMWATER PERMIT WILL NOT BE REQUIRED FOR THIS PROJECT.

PROJECT BEGINS
STA. 113+31.22

PROJECT ENDS
STA. 119+50.00

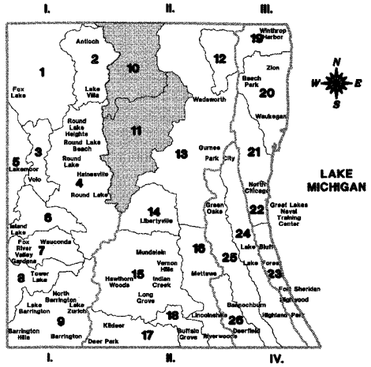
LEGEND

- EXISTING DITCH LINE
- PROPOSED DITCH LINE
- SILT FENCE
- TEMPORARY DITCH CHECKS
- SEEDING CLASS 2A
- SEEDING CLASS 3



HUNT CLUB ROAD

DRAINAGE BASINS OF LAKE COUNTY



I. FOX RIVER WATERSHED
1. Upper Fox River
2. Sequoit Creek
3. Fish Lake Drain
4. Squaw Creek
5. Lower Fox River
6. Mutton Creek
7. Slocum Lake Drain
8. Tower Lake Drain
9. Flint Creek

II. DES PLAINES RIVER WATERSHED
10. North Mill Creek
11. Mill Creek
12. Newport Drainage Ditch
13. Upper Des Plaines River
14. Bull Creek
15. Indian Creek
16. Lower Des Plaines River
17. Buffalo Creek
18. Aptakisic Creek

III. LAKE MICHIGAN WATERSHED
19. Kellogg Creek
20. Dead River
21. Waukegan River
22. Pettibone Creek
23. Bluff/Ravine

IV. CHICAGO RIVER WATERSHED
24. Skokie River
25. Middle Fork
26. West Fork

GENERAL NOTES FOR EROSION CONTROL

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 REDISTURBANCE.

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, BLANKET OR FABRIC IN COMBINATION WITH SEEDING.

E. 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.

F. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

G. A STABILIZED MAT OF AGGREGRATE 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.

H. 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.

I. 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.

J. 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.

K. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 1 FOOT OR MORE 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.

L. THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND THE AREAS DAMAGED BY THE FENCE INSTALLATION RESTORED.

M. THE INSTALLATION, REMOVAL AND THE RESTORATION OF THE AREA DISTURBED BY THE PERIMETER EROSION BARRIER INSTALLATION IS INCLUDED IN THE PAY ITEM PERIMETER EROSION BARRIER.

N. THE DITCH CHECKS, SPECIAL SHALL BE INSTALLED AS SHOWN ON THE SPECIAL DETAIL LC1005 AS GRADING PROGRESSES THROUGH THE PROJECT.

O. UNLESS OTHERWISE DESIGNATED, ALL RESTORATION AREAS SHALL BE SEEDED WITH CLASS 4A AND COVERED WITH EROSION CONTROL BLANKET.

APPLICABLE STANDARDS, SPECIFICATIONS, AND SPECIAL PROVISIONS FOR EROSION AND SEDIMENT CONTROL

SPECIAL PROVISION FOR TEMPORARY DITCH CHECK
SPECIAL PROVISION FOR PERIMETER EROSION BARRIER
SPECIAL PROVISION FOR EROSION CONTROL FABRIC
SPECIAL PROVISION FOR SEEDING
IDOT HIGHWAY STANDARD 280001
LCDOT STANDARD DETAIL LC1005

SEQUENCE OF EROSION CONTROL OPERATIONS

1. INSTALL PERIMETER EROSION BARRIER AND WETLAND PROTECTION BARRIERS AT LOCATIONS SPECIFIED IN THE PLANS PRIOR TO THE START OF ANY EARTHWORK.
2. BEGIN CONSTRUCTION AND INSTALL TEMPORARY DITCH CHECKS AS WORK PROGRESSES.
3. PLACE SOD AT THE SIDE SLOPES OF THE CREEK AS SHOWN TO ELIMINATE THE EROSION AT THESE AREAS.
4. THE TEMPORARY DITCH CHECKS ARE TO REMAIN IN PLACE UNTIL THE AREA IS STABILIZED WITH SEEDING AND BLANKET.
5. SEEDING SHALL BE COMPLETED IN STAGES AS SECTIONS OF THE CONSTRUCTION ARE COMPLETED AS DEFINED IN THE SPECIAL PROVISIONS OR WHEN THE CONSTRUCTION WILL BE SHUT DOWN FOR THE SEASON. ALSO ANY STOCKPILES OF DIRT TO BE USED IN THE NEXT SEASON SHALL BE SEEDED WITH TEMPORARY SEED AND MULCHED.
6. WHEN THE PROJECT HAS BEEN STABILIZED WITH VEGETATION THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND THE AREAS DAMAGED BY THE FENCE INSTALLATION RESTORED.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'
DATE

DRAWN BY AJP
CHECKED BY CRF

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