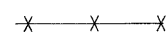

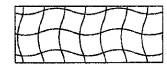
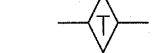
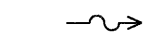



| F.A.P. RTE.           | SECTION       | COUNTY   | TOTAL SHEETS     | SHEET NO. |
|-----------------------|---------------|----------|------------------|-----------|
| 303                   | 134(B&B-2)R-1 | LAKE     | 137              | 53        |
| FED. ROAD DIST. NO. 1 |               | ILLINOIS | FED. AID PROJECT |           |
| CONTRACT NO. 62037    |               |          |                  |           |

**EROSION CONTROL LEGEND**

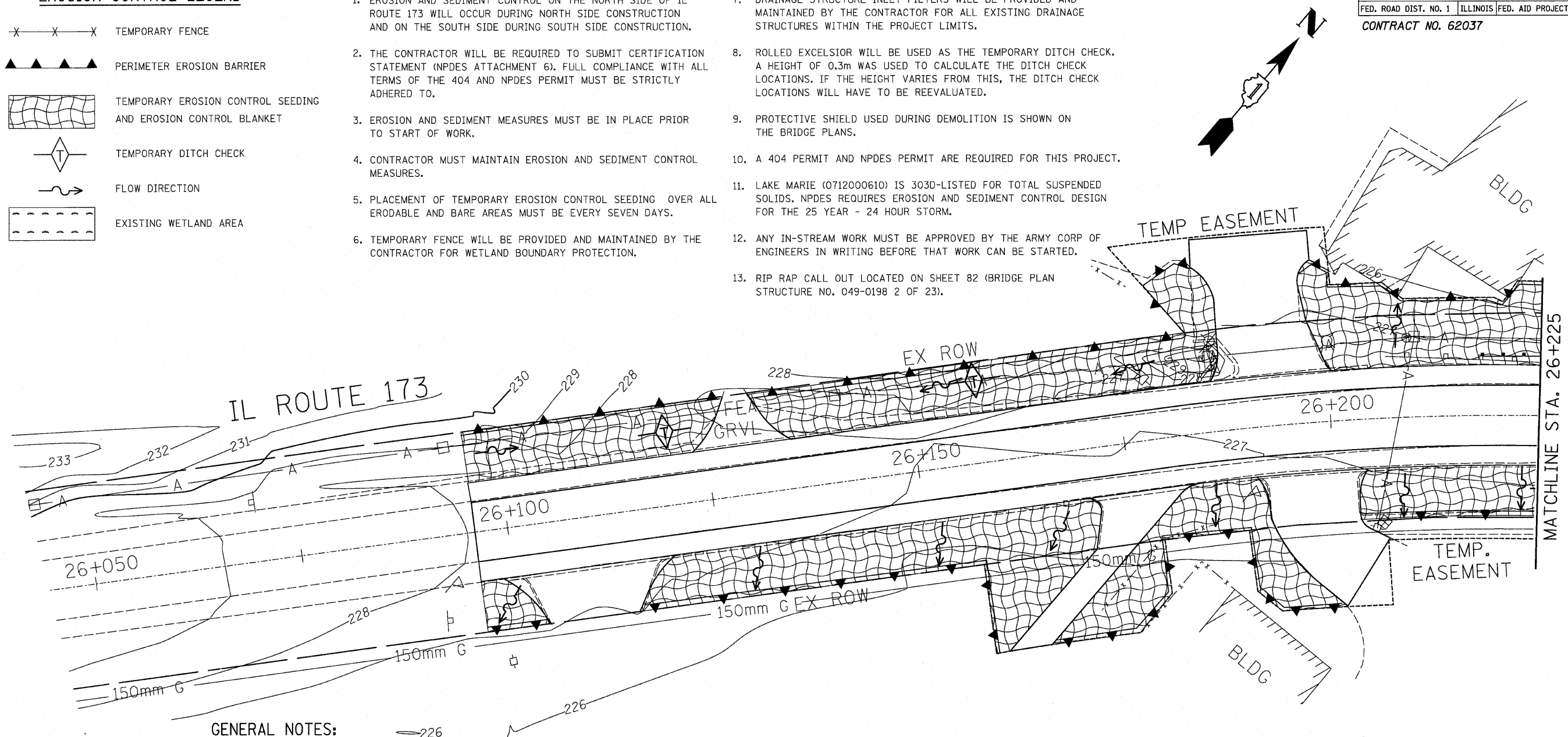
-  TEMPORARY FENCE
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  TEMPORARY DITCH CHECK
-  FLOW DIRECTION
-  EXISTING WETLAND AREA

**GENERAL EROSION CONTROL NOTES:**

1. EROSION AND SEDIMENT CONTROL ON THE NORTH SIDE OF IL ROUTE 173 WILL OCCUR DURING NORTH SIDE CONSTRUCTION AND ON THE SOUTH SIDE DURING SOUTH SIDE CONSTRUCTION.
2. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT CERTIFICATION STATEMENT (NPDES ATTACHMENT 6). FULL COMPLIANCE WITH ALL TERMS OF THE 404 AND NPDES PERMIT MUST BE STRICTLY ADHERED TO.
3. EROSION AND SEDIMENT MEASURES MUST BE IN PLACE PRIOR TO START OF WORK.
4. CONTRACTOR MUST MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES.
5. PLACEMENT OF TEMPORARY EROSION CONTROL SEEDING OVER ALL ERODABLE AND BARE AREAS MUST BE EVERY SEVEN DAYS.
6. TEMPORARY FENCE WILL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR FOR WETLAND BOUNDARY PROTECTION.

**GENERAL EROSION CONTROL NOTES CONT.:**

7. DRAINAGE STRUCTURE INLET FILTERS WILL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR FOR ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS.
8. ROLLED EXCELSIOR WILL BE USED AS THE TEMPORARY DITCH CHECK. A HEIGHT OF 0.3m WAS USED TO CALCULATE THE DITCH CHECK LOCATIONS. IF THE HEIGHT VARIES FROM THIS, THE DITCH CHECK LOCATIONS WILL HAVE TO BE REEVALUATED.
9. PROTECTIVE SHIELD USED DURING DEMOLITION IS SHOWN ON THE BRIDGE PLANS.
10. A 404 PERMIT AND NPDES PERMIT ARE REQUIRED FOR THIS PROJECT.
11. LAKE MARIE (0712000610) IS 303D-LISTED FOR TOTAL SUSPENDED SOLIDS. NPDES REQUIRES EROSION AND SEDIMENT CONTROL DESIGN FOR THE 25 YEAR - 24 HOUR STORM.
12. ANY IN-STREAM WORK MUST BE APPROVED BY THE ARMY CORP OF ENGINEERS IN WRITING BEFORE THAT WORK CAN BE STARTED.
13. RIP RAP CALL OUT LOCATED ON SHEET 82 (BRIDGE PLAN STRUCTURE NO. 049-0198 2 OF 23).



**GENERAL NOTES:**

- THE PROPERTIES ARE PRIVATE.
- THE SOIL TYPE WEST OF THE BOAT CHANNEL IS HOUGHTON MUCK AND THE SOIL TYPE EAST OF THE BOAT CHANNEL IS MADE LAND, AS LISTED IN THE LAKE COUNTY, ILLINOIS SOIL SURVEY ISSUED SEPTEMBER 1970.
- ALL GROUND COVER IS VEGETATIVE.
- THE PROJECT REPORT BIOLOGICAL RESOURCES REVIEW CONCLUDED THAT THE IDNR NATURAL HERITAGE DATABASE HAS NO RECORDS OF LISTED SPECIES, NATURAL AREAS, OR NATURAL PRESERVES WITHIN THE PROJECT CORRIDOR (IDNR AGENCY ACTION REPORT DATED APRIL 6, 2000). BIOLOGICAL CLEARANCE RECEIVED ON JUNE 16, 2010.
- THE WETLAND SURVEY CONDUCTED MAY 25, 2010 CONCLUDED THAT TWO WETLAND AREAS WERE PRESENT WITHIN THE PROJECT LIMITS. SITE 1 IS SHRUBLAND WETLAND, LOCATED NORTH OF IL ROUTE 173 AND EAST OS THE BRIDGE. SITE 1 WAS NOT IDENTIFIED AS AN ADID WETLAND SITE. SITE 1 SURVEY INDICATED LOW FLORISTIC QUALITY. SITE 1 WAS NOT IDENTIFIED IN THE NATIONAL WETLAND INVENTORY. SITE 1 WETLAND COVERS 0.010 HA (0.025 ACRES), ALL WITHIN THE PROJECT CORRIDOR. SITE 1 ENTIRE AREA WILL BE IMPACTED BY THE PROJECT.
- SITE 2 MARSH WETLAND IS LOCATED SOUTH OF IL ROUTE 173 AND EAST OF THE BRIDGE. SITE 2 WAS NOT IDENTIFIED AS AN ADID WETLAND SITE. SITE 2 HAS A LOW FLORISTIC QUALITY. SITE 2 IS NOT IDENTIFIED IN THE NATIONAL WETLAND INVENTORY. THE WETLAND COVERS 0.052 HA (0.128 ACRES) WITHIN THE PROJECT CORRIDOR AND CONTINUES BEYOND THE ROW TO THE SOUTH. SITE 2 AREA WITHIN THE PROJECT CORRIDOR WILL BE IMPACTED BY THE PROJECT.

THE PROJECT REPORT CULTURAL RESOURCE REVIEW CONCLUDED THAT NO CULTURAL RESOURCE SURVEY IS REQUIRED FOR THIS PROJECT. CULTURAL CLEARANCE RECEIVED ON NOVEMBER 12, 2009.

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL ROUTE 173 OVER EAST BOAT CHANNEL  
**PROPOSED EROSION AND SEDIMENT CONTROL**  
 SCALE: 1:250  
 DRAWN BY CLG  
 CHECKED BY JJD  
 DATE 3-8-10



3116EROSION.DGN