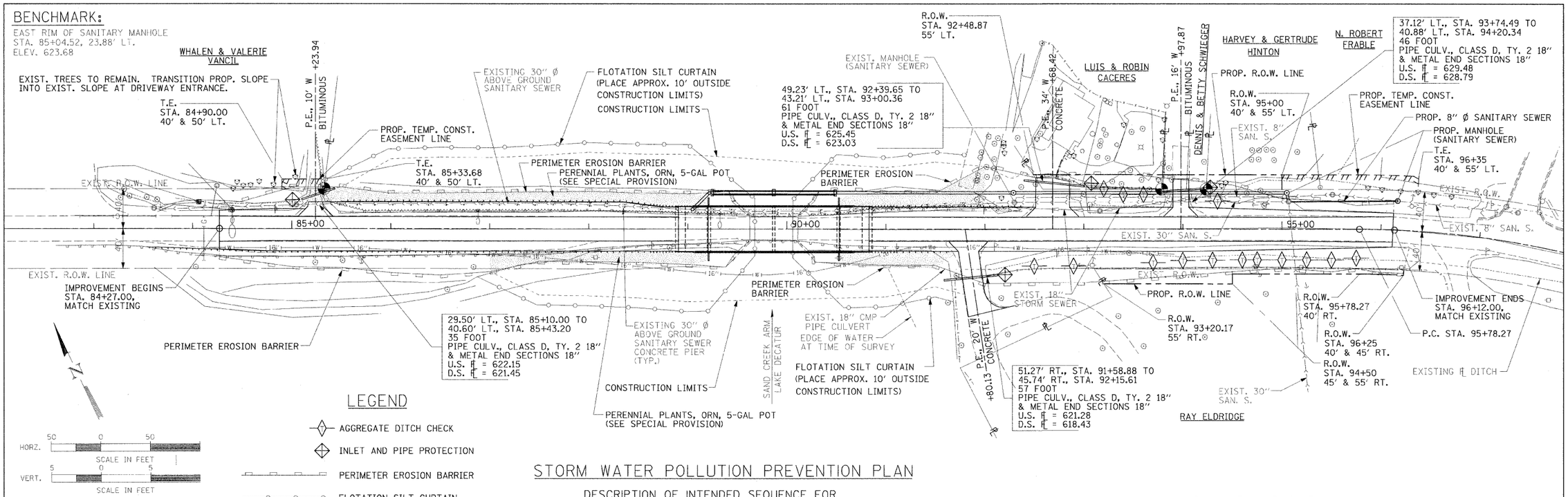



## LEGEND

- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- FLOTATION SILT CURTAIN
- PERENNIAL PLANTS, ORNAMENTAL TYPE, 5-GALLON POT

## SCHEDULE OF EROSION CONTROL QUANTITIES

**SEEDING, CLASS 1A**
ALL TOPSOIL AREAS OUTSIDE OF DAYLILY LIMITS.
TOTAL = 0.6 ACRES

**EROSION CONTROL BLANKET**
IF NECESSARY - SEE ITEM 12 IN DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES.
TOTAL = 1606 SQ. YD.

**PERIMETER EROSION BARRIER**
TOTAL = 2262 FOOT

**TEMPORARY EROSION CONTROL SEEDING**
100 LBS/ACRE X 0.6 ACRES = 60 POUNDS

**AGGREGATE DITCH CHECKS**

| | | | |
|---|---|---|---|
| 92+50, RT. | = 12 TON | 94+35, LT. | = 20 TON |
| 92+90, RT. | = 17 TON | 94+60, RT. | = 2 TON |
| 93+20, LT. | = 5 TON | 94+75, RT. | = 2 TON |
| 93+40, LT. | = 5 TON | 95+00, RT. | = 2 TON |
| 93+60, LT. | = 6 TON | 95+25, RT. | = 3 TON |
| 93+70, RT. | = 7 TON | 95+50, RT. | = 5 TON |
| 94+00, RT. | = 4 TON | 95+75, RT. | = 8 TON |
| 94+30, RT. | = 3 TON | | |

TOTAL = 101 TON

**INLET AND PIPE PROTECTION**
TOTAL = 4 EACH

**EARTH EXCAVATION FOR EROSION CONTROL**
TOTAL = 8 CU. YD.

**TURBIDITY BARRIER (FLOTATION SILT CURTAIN)**
TOTAL = 1275 FOOT

**STONE RIPRAP, CLASS A4**
PLACED AS SHOWN ON GENERAL PLAN AND ELEVATION, SHEET 1 OF 22.
TOTAL = 1548 SQ. YD.

**STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)**
PLACED AS SHOWN IN CAUSEWAY EMBANKMENT CONSTRUCTION TYPICAL SECTION - THIS SHEET AND IN CROSS SECTIONS.
TOTAL = 2174 TON

**FILTER FABRIC**
AGG. DITCH CHECKS - PLACED AS SHOWN ON STD. 280001.
ABUTMENT SLOPES - PLACED AS SHOWN ON GENERAL PLAN AND ELEVATION, SHEET 1 OF 22.
TOTAL = 2165 SQ. YD.

**PERENNIAL PLANTS, ORN TY, 5-GAL POT**
TOTAL = 58 UNITS

**AGGREGATE FOR TEMPORARY ACCESS**

| | |
|---|---|
| P.E. LT. STA. 85+23.94 | = 55 TON |
| P.E. RT. STA. 91+80.46 | = 129 TON |
| P.E. LT. STA. 92+68.42 | = 159 TON |
| P.E. LT. STA. 93+97.87 | = 81 TON |
| VARIOUS LOCATIONS | = 424 TON |

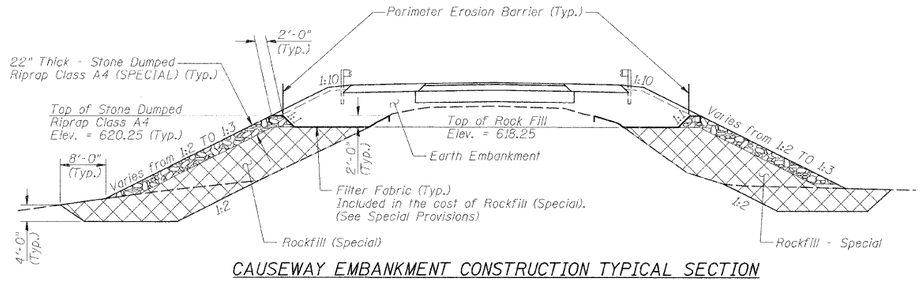
TOTAL = 848 TON

COVERAGE IS FOR 3 APPLICATIONS AT VARIOUS STAGES OF CONSTRUCTION.

## STORM WATER POLLUTION PREVENTION PLAN

### DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES:

1. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL ITEMS IN AREA AFFECTED BY NEW SANITARY SEWER PIPE AND SUBSTRUCTURE CONSTRUCTION, SUCH AS FLOTATION SILT CURTAIN, AGGREGATE DITCH CHECKS, TEMPORARY SEEDING AND OTHER MISCELLANEOUS EROSION CONTROL MEASURES.
2. CONSTRUCT NEW SANITARY SEWER BRIDGE SUBSTRUCTURE UNITS AND PIPE PIERS.
3. CONSTRUCT NEW SANITARY SEWER.
4. TIE NEW SANITARY SEWER INTO EXISTING SEWER AND REMOVE PORTIONS OF OLD, EXISTING AERIAL SEWER.
5. PLACEMENT OF REMAINING FLOTATION SILT CURTAIN.
6. REMOVAL OF EXISTING ROADWAY BRIDGE STRUCTURE.
7. EXCAVATION WILL BE COMPLETED ALONG THE ENTIRE LENGTH OF THE PROJECT TO REMOVE THE EXISTING ROADWAY AND PRIVATE ENTRANCES, TO REMOVE SHORELINE LAKEBED IN CAUSEWAY FOR ROCKFILL ANCHORING, AND TO GRADE THE PROPOSED DITCHES.
8. NECESSARY EMBANKMENT WILL BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT FOR THE PROPOSED ROADWAY AND ROCKFILL AND RIPRAP WILL BE PLACED IN THE CAUSEWAY FOR SHORELINE PROTECTION.
9. PLACEMENT AND MAINTENANCE OF REMAINING TEMPORARY EROSION CONTROL ITEMS, SUCH AS PERIMETER EROSION BARRIER, AGGREGATE DITCH CHECKS, TEMPORARY SEEDING AND OTHER MISCELLANEOUS EROSION CONTROL MEASURES.
10. CONSTRUCT NEW BRIDGE SUBSTRUCTURE UNITS.
11. REMOVAL OF FLOTATION SILT CURTAIN AS DIRECTED BY THE ENGINEER.
12. PLACEMENT OF PERMANENT EROSION CONTROL ITEMS, INCLUDING RIPRAP, SEEDING AND PERENNIAL PLANTS. (PERENNIAL PLANTS AND ASSOCIATED MULCH MUST BE PLANTED IMMEDIATELY AFTER TOPSOIL GRADING AT THESE LOCATIONS. IF TOPSOIL INSTALLATION COMPLETION AT THESE LOCATIONS IS OUTSIDE OF PERENNIAL PLANT PLANTING TIMES, EROSION CONTROL BLANKET IS TO BE INSTALLED FOR TOPSOIL PROTECTION UNTIL PLANTING OCCURS).
13. CONSTRUCT NEW BRIDGE SUPERSTRUCTURE AND APPROACH ROADWAY.
14. REMOVE REMAINING TEMPORARY EROSION CONTROL ITEMS.
15. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.




### CAUSEWAY EMBANKMENT CONSTRUCTION TYPICAL SECTION

### SEQUENCE OF CAUSEWAY EMBANKMENT CONSTRUCTION

1. *Construct Rockfill (Special) and outside 22 in. portion with Stone Dumped Riprap Class A4 to the elevations shown. Build 2 ft. berm of Stone Dumped Riprap with 1:1 slope as shown in typical section above.*

   *The Rockfill (Special) shall be placed so as to minimize displacement of lake bed sediments. Rockfill (Special) shall not be dumped directly into Lake Decatur. Initially, Rock shall be dumped on the lake shore and dozed forward into Lake Decatur. Subsequent Rock shall be spread forward from previously placed Rock.*

   *The Contractor shall monitor the edge of the Rockfill (Special) at all times. If a mudwave develops at the leading edge of the Rockfill (Special), the Contractor shall remove the mudwave as specified in the special provision for Rockfill (Special). Material removed from the lake shall be disposed of in accordance with item 3 of State of Illinois Environmental Protection Agency certification issued under Section 401 of the Clean Water Act.*

2. *Install Filter Fabric on top of Rockfill (Special). Anchor Filter Fabric into existing slope and into Stone Dumped Riprap berm as shown in typical section above.*

3. *Construct earth embankment to elevation 620.25 and install Perimeter erosion barrier. Perimeter erosion barrier shall transition from the Causeway at the top of Stone Dumped Riprap berm to the Construction Limits as shown in the plan. After Perimeter erosion barrier is in place, construct remainder of the earth embankment and proposed ditches as shown in the Station Cross Sections.*

| | | | |
|---|---|---|---|
| FILE NAME = $FILEL$ | USER NAME = $USER$ | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - | REVISED - |
| | PLOT DATE = $DATE$ | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN**

SCALE: AS SHOWN | SHEET 1 OF 1 SHEETS | STA. 84+27.00 TO STA. 96+12.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 7398 | 09-00905-00-BR | DECATUR | 63 | 18 |
| | | CONTRACT NO. 95687 | | |
| | | ILLINOIS FED. AID PROJECT | | |