

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #2 STA. 804 + 55



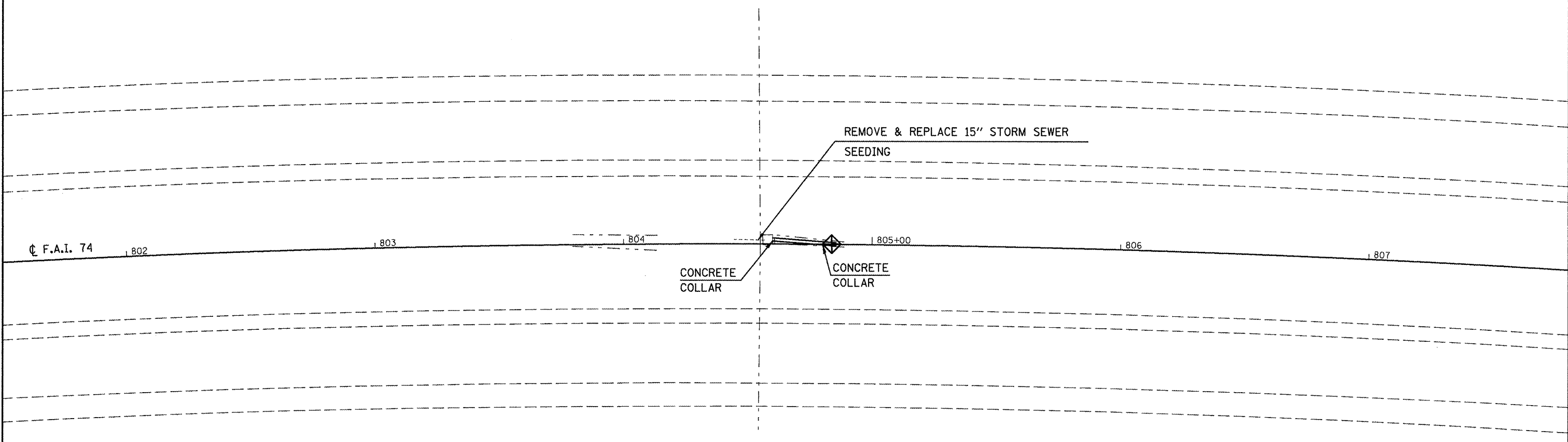
**NOTE:**

THE EXISTING STRUCTURE AT STATION 804+55 CONSISTS OF A 24" R.C.C.P. WITH AN OFFSET MEDIAN INLET. THE A/R PIPE, END SECTIONS AND INLET BOX ARE IN GOOD CONDITION BUT THE 15" C.M.P. BETWEEN THE INLET BOX AND THE PIPE IS RUSTED OUT AND CAUSING A SINKHOLE IN THE MEDIAN.

THE PROPOSED SCOPE OF WORK IS TO REPLACE THE 15" C.M.P. WITH A 15" STORM SEWER PIPE CLASS "B". THE 24" R.C.C.P., INLET BOX AND ALL GRATES SHALL BE SALVAGED. THE COST OF THE EXCAVATION NECESSARY TO PERFORM THE REQUIRED WORK IS INCLUDED IN THE VARIOUS PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LOC. #2 STA.804+55

| ITEM # AND DESCRIPTION               | UNIT  | QUANTITY |
|--------------------------------------|-------|----------|
| 25000210 Seeding, Class 2A           | ACRE  | 0.005    |
| 25000400 Nitrogen Fert. Nutr.        | POUND | 0.45     |
| 25000500 Phosphorous Fert. Nutr.     | POUND | 0.45     |
| 25000600 Potassium Fert. Nutr.       | POUND | 0.45     |
| 25100115 Mulch Method 2              | ACRE  | 0.005    |
| 28000250 Temp. Eros. Contr. Seeding  | POUND | 0.5      |
| 28000500 Inlet and Pipe Protection   | EACH  | 1        |
| 54002010 Expansion Bolts 1/2         | EACH  | 4        |
| 54248510 Concrete Collar             | CU YD | 0.60     |
| 550B0070 Storm Sewer Class B Ty 115" | FOOT  | 15       |
| 55100700 Storm Sewer Remove 15"      | FOOT  | 15       |



|   |                     |                 |           |
|---|---------------------|-----------------|-----------|
| FILE NAME =   | USER NAME = hogenbj | DESIGNED - BJM  | REVISED - |
| ca:\p\work\pwsdot\hogenbj\40158340\057050-shr-am struat det.dgn |                     | DRAWN -         | REVISED - |
| PLOT SCALE = 40.0000' / IN.                                     |                     | CHECKED -       | REVISED - |
| PLOT DATE = 10/21/2010  |                     | DATE - 09/23/10 | REVISED - |

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

**DRAINAGE STRUCTURE IMPROVEMENT DETAIL**  
**LOCATION #2 STA. 804 + 55**

SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA.    TO STA.

|                           |                              |               |                    |              |
|---------------------------|------------------------------|---------------|--------------------|--------------|
| F.A.I. RTE. 74            | SECTION (57-20(1),21,22)RS-3 | COUNTY McLean | TOTAL SHEETS 150   | SHEET NO. 52 |
|                           |                              |               | CONTRACT NO. 70550 |              |
| ILLINOIS FED. AID PROJECT |                              |               |                    |              |