

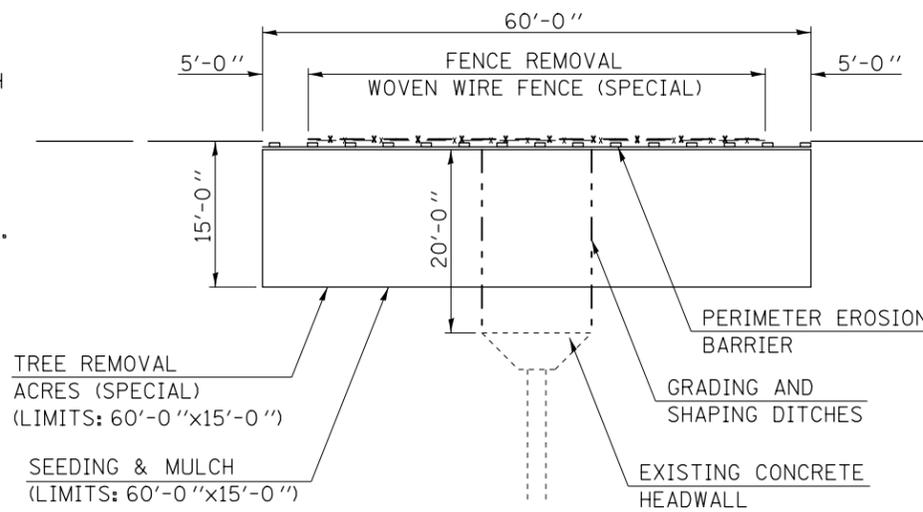
DRAINAGE STRUCTURE IMPROVEMENT DETAIL

LOCATION #3 STA. 1191+00.00

NOTE:

THE EXISTING STRUCTURE AT STATION 1191+00.00 CONSISTS OF DUAL MEDIAN INLET BOXES AND A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THERE ARE SEVERAL SMALL TREES AND BRUSH GROWING AT BOTH ENDS OF THE STRUCTURE THAT ARE AFFECTING DRAINAGE. ALSO, THE DOWNSTREAM ACCESS CONTROL FENCE IS COLLECTING AGRICULTURAL DEBRIS, THUS RESTRICTING FLOW AWAY FROM THE PIPE.

THE PROPOSED SCOPE OF WORK IS TO REMOVE ALL THE TREES AND BRUSH AS SPECIFIED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF THE EXISTING STRUCTURE. THE DITCH BETWEEN THE CONCRETE HEADWALL AND THE EXISTING R.O.W. LINE SHALL BE GRADED AND SHAPED TO PROVIDE POSITIVE DRAINAGE AND THE FENCE LOCATED AT THE DOWNSTREAM END SHALL BE REPLACED WITH WOVEN WIRE FENCE (SPECIAL).

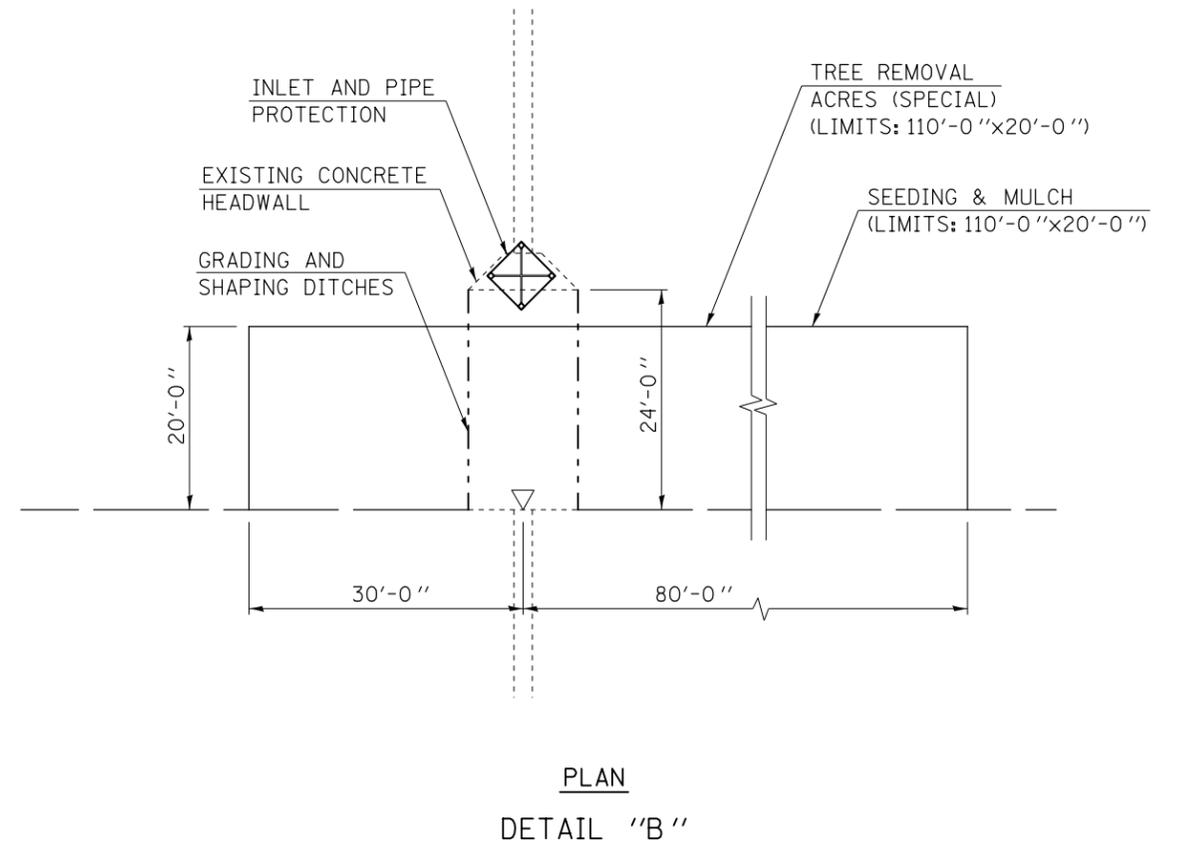
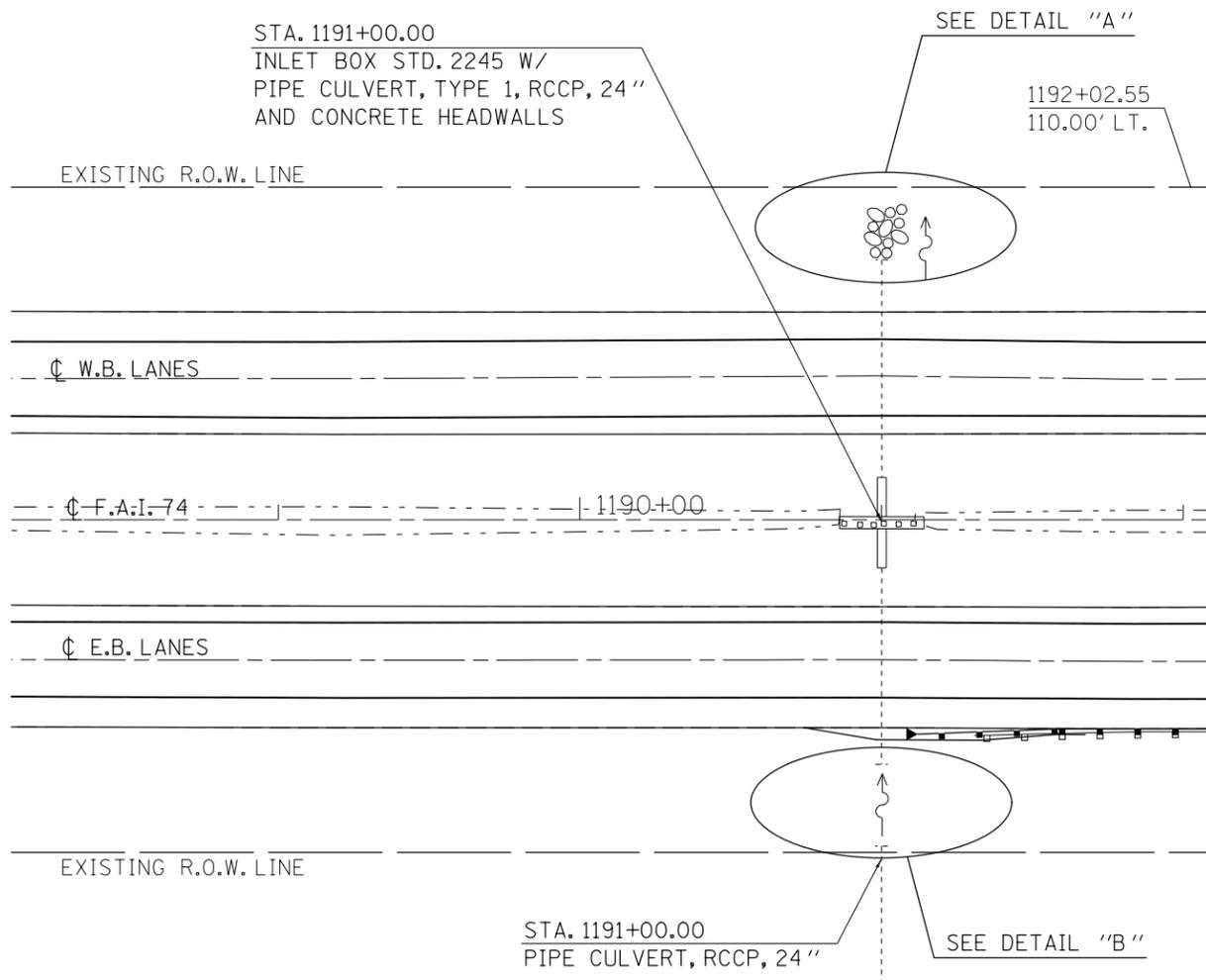


PLAN
DETAIL "A"

BILL OF MATERIALS

LOCATION # 3; STATION 1191+00.00

| ITEM # | DESCRIPTION | UNIT | QUANTITY |
|----------|-----------------------------------|-------|----------|
| 21400100 | GRADING AND SHAPING DITCHES | FOOT | 44.00 |
| 25000210 | SEEDING, CLASS 2A | ACRE | 0.072 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 6.48 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 6.48 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 6.48 |
| 25100115 | MULCH, METHOD 2 | ACRE | 0.072 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 7.20 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 60.00 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 1.00 |
| X2010350 | TREE REMOVAL, ACRES (SPECIAL) | ACRE | 0.072 |
| X6650200 | WOVEN WIRE FENCE (SPECIAL) | FOOT | 50.00 |
| Z0022800 | FENCE REMOVAL | FOOT | 50.00 |



PLAN
DETAIL "B"

| | | | |
|--|-----------------------|-----------------|-----------|
| FILE NAME = | USER NAME = ppersonbr | DESIGNED - GAE | REVISED - |
| ct:\pwork\pwork\personbr\0184863\0570648-shit-str Impr.dgn | | DRAWN - BBP | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - 07/11/11 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE STRUCTURE IMPROVEMENT DETAIL
LOCATION #3 STA. 1191+00.00**

SCALE: 1" = 30' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|--------|--------------|-----------|
| 74 | (57-23,57-24)RS-1 | MCLEAN | 175 | 104 |
| CONTRACT NO. 70648 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |