



Salvage and Reinstall:
1 EA 30-in Apron
Random Rip Rap

MENARDS YARD AREA

Access Route

Excavate and dewater ~50CY sand sediment plum from pond. Use material to reestablish pond slope. Excess riprap shall be permanently buried in the pond slope for added stabilization

F&I:
1 EA 48-4020 Structure with Casting (4.5-LF)
25 LF 30-in RCP Pipe (Tie All Joints)
1 EA 48-4020 Structure and Casting (6-LF)*
* Include integral cast base with 1.5-ft sump
6 LF 30-in RCP Pipe (tie to structure and apron)

Notes:

All disturbed areas shall be surfaced with 6-in of topsoil, seeded, fertilized and blanketed and include provisions to provide watering as needed to establish vegetation. All costs shall be included in the price bid.

Price bid shall include all costs for furnishing and installing new fabric under the reinstalled riprap.

Include costs to transplant 4 trees as needed along access route.

Include all costs for providing and restoring site access route in location shown.

All work including seeding and final restoration shall be completed by May 15, 2011.

DODGE ST NW

**2011 Pond Restoration
City of Elk River**

60 Feet