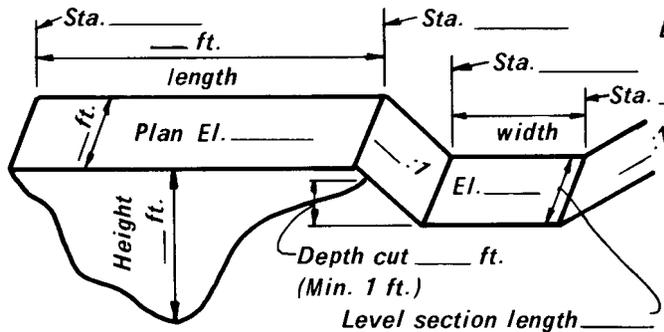
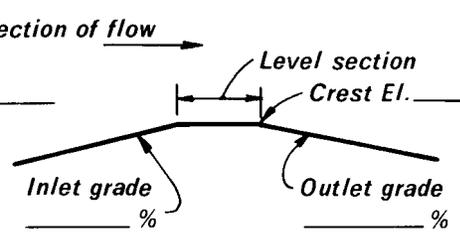


CROSS SECTION OF DAM ON CENTERLINE OF PRINCIPAL SPILLWAY

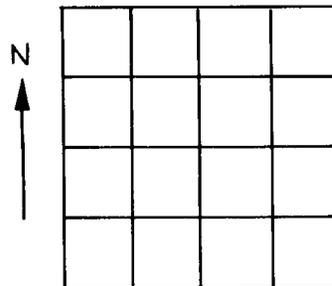


SKETCH OF DAM



PROFILE ON CENTERLINE OF EMERGENCY SPILLWAY

LOCATION MAP



Sec. _____, T. _____ N., R. _____
 B.M. Elevation _____
 B.M. Description _____

TABLE OF QUANTITIES		
ITEM	UNIT	QUANTITY
Embankment	Cu. yd.	
Embankment - Cutoff trench	Cu. yd.	
Excavation - Spillway	Cu. yd.	
Principal - Spillway (as per details)	Each	
Fence	Rods	

Note: This data sheet will not be used for dams that require Department of Water Resources approval.

* See reverse side for detail.

NEBRASKA BASE DRAWINGS

- Place "X" in box for drawing required.
- Concrete Base, metal pipe riser**
 No. 5,E-22,500.1-3, 5,E-22,500.1-5
- Metal Base, metal pipe riser** - 5,E-22,500.1-4
- Debris Rack with antivortex device**
 No. 5,E-22,500.1-8, 5,E-22,500.1-9
- Trash Rack, conical** - 5,E-22,500.1-7.
- Antivortex Splitter Device** - 5,E-22,500.1-10.
- Diaphragms, Metal** 5,E-22,500.1-2.2.
- Coupling Bands for metal pipe** 5,E-22,500.1-2.1
- Metal Pipe Riser** - concrete base with drawdown pipe and trash rack - 5,E-22,500.1-3;
 with metal base - 5,E-22,500.1-4;
 with vertical pipe and stop log - 5,E-22,500.1-5.
- Pipe Support - Metal with concrete base** -
 15" - 24" dia. pipe - 5,E-22,500.1-11;
 30" - 48" dia. pipe - 5,E-22,500.1-12;
- Metal with metal base** - 15" - 24" dia. pipe - 5,E-22,500.1-13.
- Concrete with concrete base** 16" - 48" - 5,E-22,500.1-16.
- Drain Detail** - Two element filter - 5,E-22,500.3-1,
 One element filter - 5,E-22,500.3-1.1.

Construction and Material Specifications

Remarks _____

Cost shared by _____ No. _____

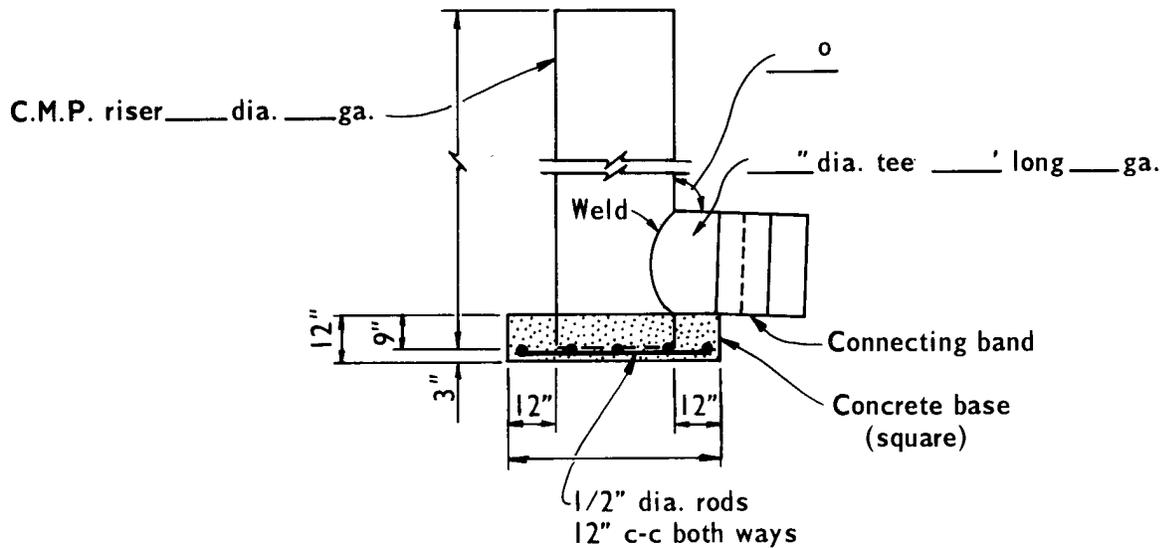
Reported as _____

_____ County, Nebraska

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

DATA SHEET
 FOR DAMS

Sheet No. _____ of _____ Drawing No. _____



MATERIALS NEEDED FOR PIPE INSTALLATION

C.M. pipe material (new material only)
 Copper Steel () Galvanized ()
 Std. Riveting () Close Riveted Asphalt Coated ()
 Close Riveted Asbestos Treated Asphalt Coated ()

1. Riser:
 _____ ft. _____" dia. _____ ga., (with _____" dia. _____ ga. tee _____ ft. long, welded _____ inches from lower end).
2. Barrel: (including tee section) _____ ft. _____" dia. _____ ga.
3. Connecting Bands:
 _____ each, plain, _____ ft. wide, _____ ga., with _____ rods and lugs.
 _____ each, watertight, _____ ft. wide _____ ga., with _____ rods and lugs, and
 Type _____ coating.
4. Diaphragms:
 _____ each, _____" x _____", _____ ga.
 Galvanized , Type A coating
5. Asphalt Mastic with Asbestos Fibers, _____ gal.; _____ each neoprene gaskets.
6. Structural Steel:
 (A) Trash rack – Conical _____ lbs.; Debris rack _____ lbs.
 Antivortex splitter device _____ lbs.
 (B) Steel riser base _____ lbs.
7. Concrete, _____ cubic yards.
8. Reinforcing steel: 1/2" dia. _____ ft. at 0.668 lbs./ft. _____ lbs.
 Bars _____ each, _____ ft. _____ in. long.