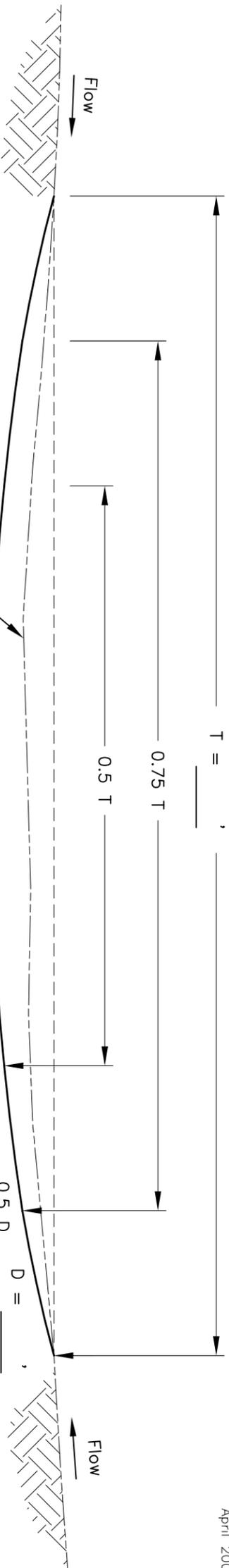


- Call Before You Dig
- Wait The Required Time
- Confirm Utility Response
- Respect the Marks
- Dig With Care



**CONSTRUCTION SPECIFICATIONS AND NOTES**

1. The waterway shall be constructed at the location marked in the field.
2. All trees, brush, stumps, sod, and other objectionable material shall be legally disposed of so they will not interfere with the construction or proper functioning of the waterway or outlet.
3. Where filling is necessary, heavy sod shall be removed. Fill shall not contain vegetation, sod, frozen material, brush, roots, stones larger than (6) inches in diameter, or other objectionable material. Eroded areas shall be sloped and scarified to 1H to 1V (1:1) or flatter to insure bonding with the fill being placed. Fill shall not be placed on frozen surface. Fill shall be placed in uniform layers not to exceed (9) inches prior to compaction. The moisture content of the fill shall be sufficient to obtain firm compaction. Compaction shall be accomplished by the routing of construction equipment over the fill such that the entire surface of each layer will be traversed by not less than (1) track of the construction equipment.
4. All earth excavated and not needed in the construction of the waterway shall be spread adjacent to the waterway or shall be disposed of so that it will not interfere with proper functioning of the waterway. All spoil and disposal areas shall be graded smooth and shall be free draining.

5. Apply fertilizer at the following rates:

Nitrogen      30 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 Phosphorus    60 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 Potassium     60 Lbs./Ac. \_\_\_\_\_ Lbs. total

Unless otherwise specified, apply seed at the following rates:

Kentucky Bluegrass (Baron or Banff)      15 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 Creeping Red Fescue (Ensylda or Flyer)    15 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 Redtop (Streaker or Barracuda)            3 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 Perennial Ryegrass (Penfine or Pinnacle) 3 Lbs./Ac. \_\_\_\_\_ Lbs. total  
 White clover (common)                      2 Lbs./Ac. \_\_\_\_\_ Lbs. total

6. An alternative seeding mixture may be applied when authorized by an approving official.

7. Apply a mulch of straw or hay at a rate of (2) Tons/Ac.

**TYPICAL PARABOLIC CROSS-SECTION**

**PLAN VIEW**

B.M. Elev. \_\_\_\_\_  
 B.M. Desc. \_\_\_\_\_

NOT TO SCALE

REVISIONS

| Date Revised | Item(s) Revised | Revised by | Approved by |
|--------------|-----------------|------------|-------------|
|              |                 |            |             |
|              |                 |            |             |

|          |       |
|----------|-------|
| Date     | _____ |
| Designed | _____ |
| Drawn    | _____ |
| Checked  | _____ |
| Approved | _____ |
| Title    | _____ |

**GRASSED WATERWAY - 412A**



|                   |  |
|-------------------|--|
| NRCS Drawing Name |  |
| NRCS Project ID   |  |
| Sheet 1 of 2      |  |