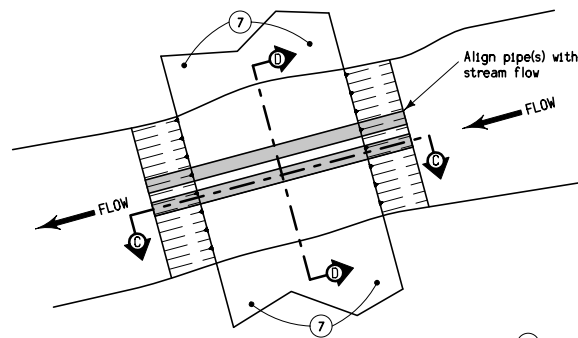
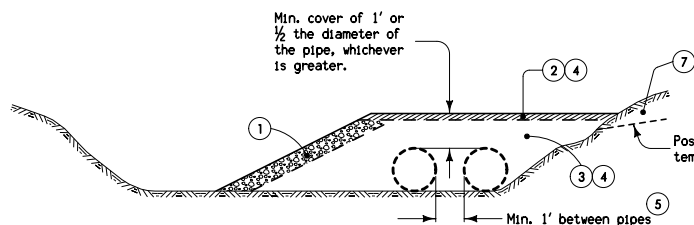


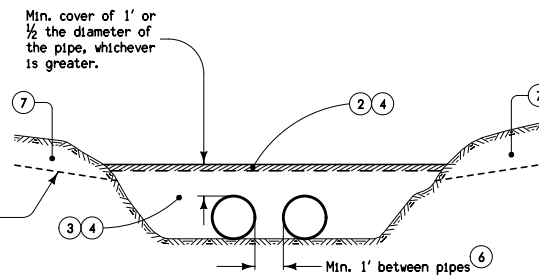
**TYPICAL PLAN (CAUSEWAY OR EQUIPMENT PAD)**



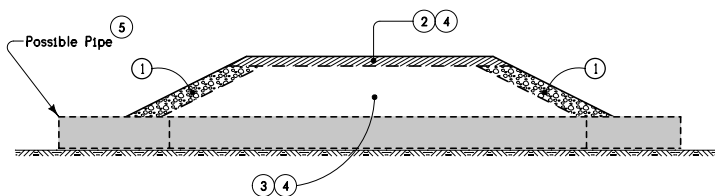
**TYPICAL PLAN (STREAM CROSSING)**



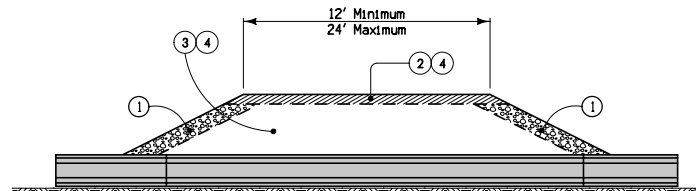
**SECTION B-B (CAUSEWAY)**



**SECTION D-D (STREAM CROSSING)**





**SECTION A-A**



**SECTION C-C**

- ① Minimum 1 foot of Class D revetment, Class E revetment, or broken concrete meeting the requirements of Section 4130.
- ② Possible choke layer for construction traffic. Material shall be any combination of erosion stone, granular backfill, special backfill (except with reclaimed HMA), granular surfacing material, or granular soils of AASHTO classification A-1 or A-2 with less than 5% fines passing the #200 sieve.
- ③ Material shall be clean with less than 5% fines passing the #200 sieve. Acceptable materials include revetment and granular materials.
- ④ When dredging is allowed by a permit, the dredged material must have 10% or less passing the #200 sieve. Prior to beginning construction according to RL-16, install erosion control measures in accordance with EC-202. These measures shall remain in place and be maintained by the Contractor until temporary RL-16 materials have been completely removed.
- ⑤ Pipe required if structure spans greater than half the distance between banks. Size and number of pipe(s) shall be determined by the Contractor.
- ⑥ Pipe required. Size and number of pipe(s) shall be determined by the Contractor.
- ⑦ Material cut from the bank for access to construct and use a temporary stream structure shall be moved to an upland location.

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|--|--------------|
|  Iowa Department of Transportation<br><b>STANDARD ROAD PLAN</b> | REVISION     |
|  | 6 04-19-11   |
|  | <b>RL-16</b> |
|  | SHEET 1 of 1 |
| REVISIONS: Modified Circle Note 4.   |              |
| <br>APPROVED BY DESIGN METHODS ENGINEER                         |              |
| <b>TEMPORARY STREAM CROSSING,<br/>CAUSEWAY, OR EQUIPMENT PAD</b>   |              |