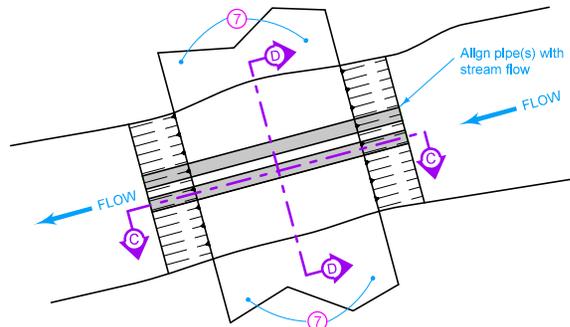
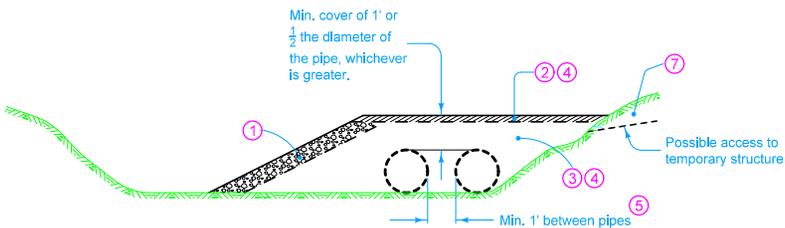


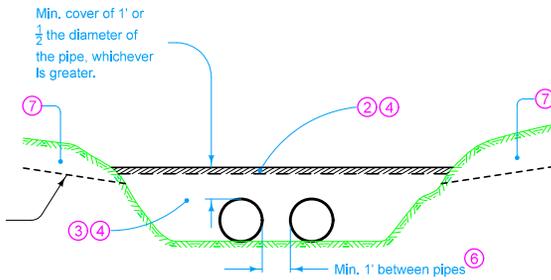
TYPICAL PLAN (CAUSEWAY OR EQUIPMENT PAD) 5



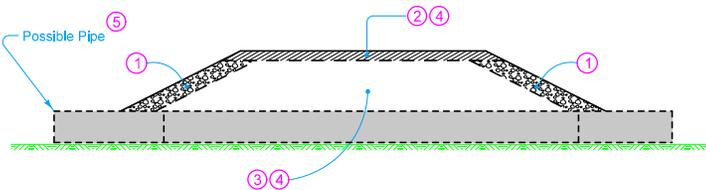
TYPICAL PLAN (STREAM CROSSING) 6



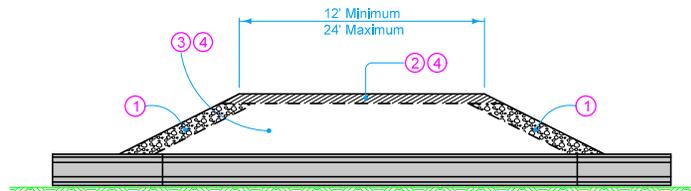
SECTION B-B (CAUSEWAY) 5



SECTION D-D (STREAM CROSSING) 6



SECTION A-A 5



SECTION C-C 6

- 1 Minimum 1 foot of Class D revetment, Class E revetment, or broken concrete meeting the requirements of Section 4130 of the Standard Specifications.
- 2 Possible choke layer for construction traffic. Use 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 Use clean material with less than 5% fines passing the #200 sieve. Acceptable materials include revetment and granular materials.
- 4 When dredging is allowed by a permit, use dredged material containing 10% or less passing the #200 sieve. Prior to beginning construction according to EW-401, install erosion control measures according to EC-202. Leave these measures in place and maintain until temporary EW-401 materials have been completely removed. Installation, maintenance, and removal of these erosion control measures is incidental and will not be paid for separately.
- 5 Pipe required if structure spans more than half the distance between banks. Contractor determines size and number of pipe(s) unless specified otherwise in the contract documents.
- 6 Pipe required. Contractor determines size and number of pipe(s) unless specified otherwise in the contract documents.
- 7 When material needs to be cut from the bank to provide for access to construct and use a temporary stream structure, move this material to an upland location.

 Iowa Department of Transportation	REVISION
	1 04-15-14
STANDARD ROAD PLAN	EW-401
SHEET 1 of 1	
REVISIONS: Modified note 4.	
 APPROVED BY DESIGN METHODS ENGINEER	
TEMPORARY STREAM CROSSING, CAUSEWAY, OR EQUIPMENT PAD	