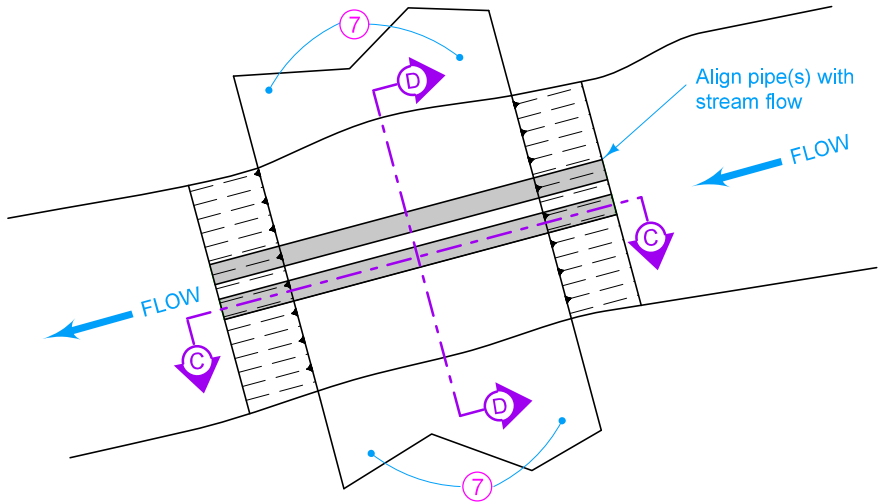
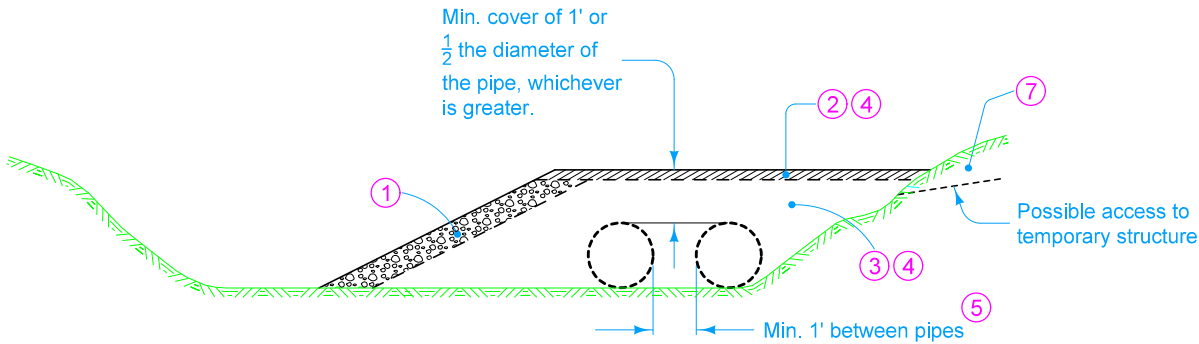


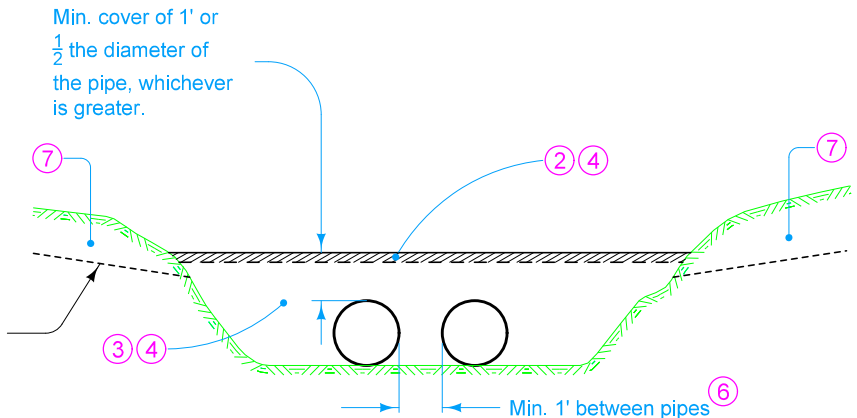
TYPICAL PLAN (CAUSEWAY OR EQUIPMENT PAD) ⑤



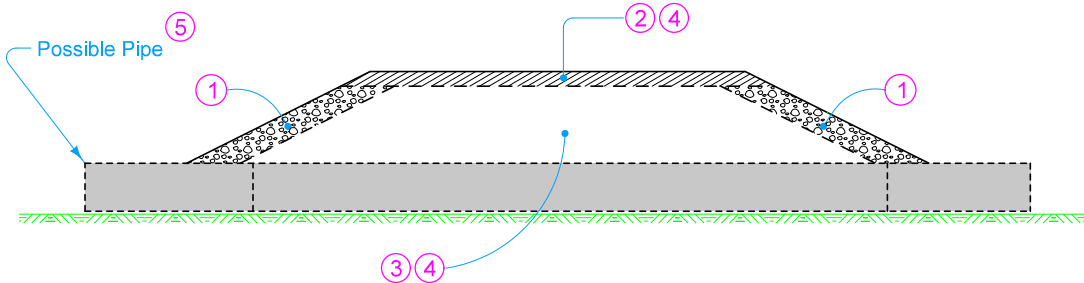
TYPICAL PLAN (STREAM CROSSING) ⑥



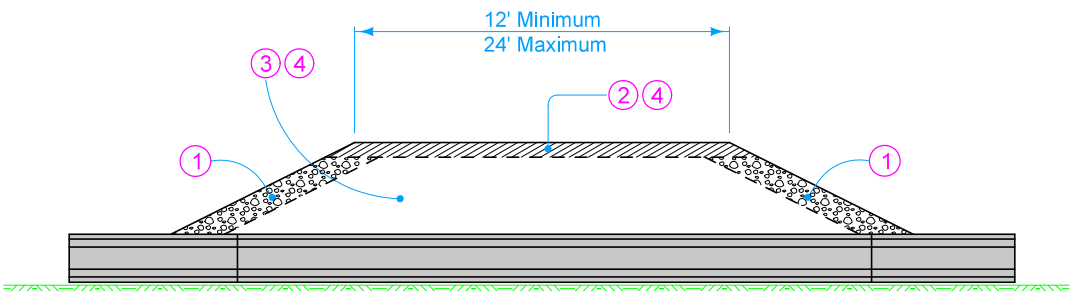
SECTION B-B (CAUSEWAY) ⑤



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 DOT	REVISION	
	2	10-20-15
	EW-401	
STANDARD ROAD PLAN	SHEET 1 of 1	
REVISIONS: Corrected typo in note 4. Updated the DOT logo.		
APPROVED BY DESIGN METHODS ENGINEER		
TEMPORARY STREAM CROSSING, CAUSEWAY, OR EQUIPMENT PAD		