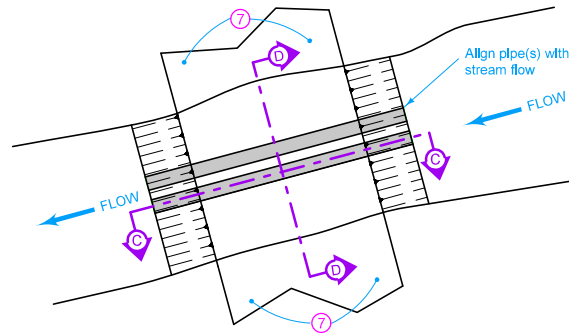
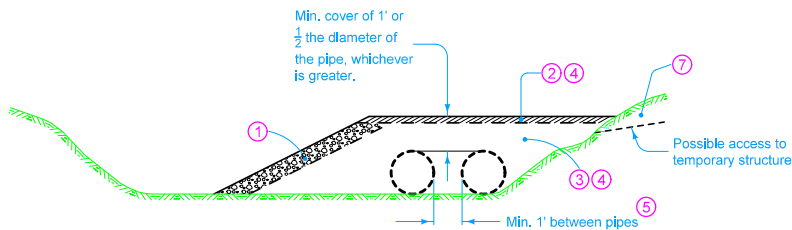


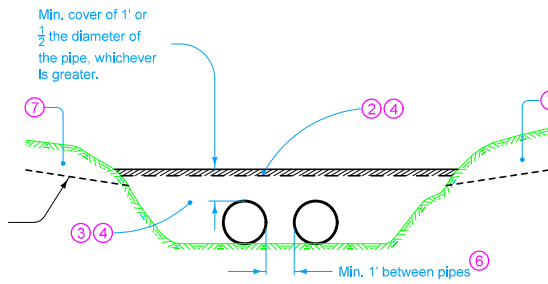
TYPICAL PLAN (CAUSEWAY OR EQUIPMENT PAD) ⑤



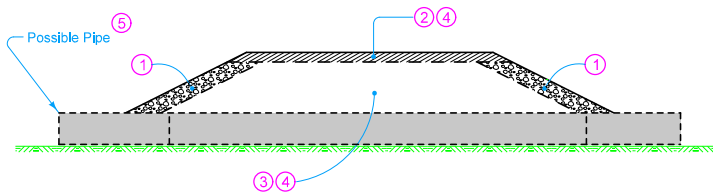
TYPICAL PLAN (STREAM CROSSING) ⑥



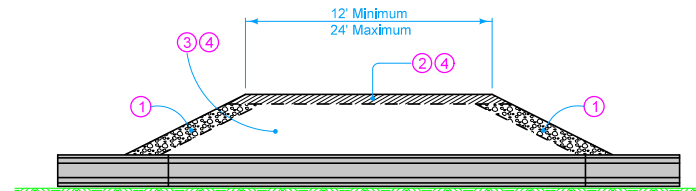
SECTION B-B (CAUSEWAY) ⑤



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.
- 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 STANDARD ROAD PLAN <small>REVISIONS: New. Replaces RL-16</small>	<small>REVISION</small> <small>NEW</small> 10-15-13	
	EW-401 <small>SHEET 1 of 1</small>	
	<small>APPROVED BY DESIGN METHODS ENGINEER</small> 	
	TEMPORARY STREAM CROSSING, CAUSEWAY, OR EQUIPMENT PAD	