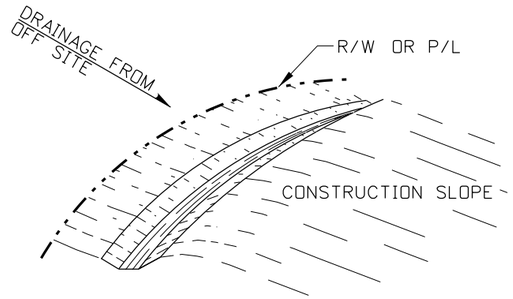
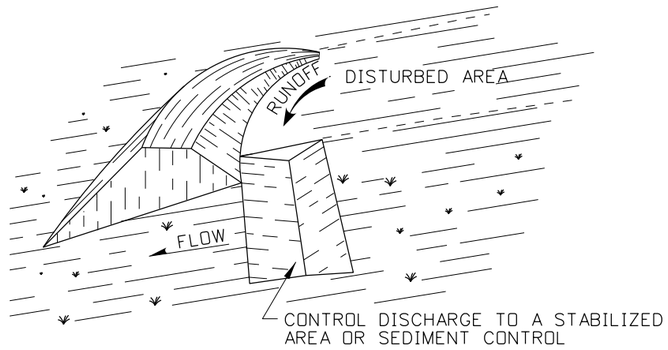
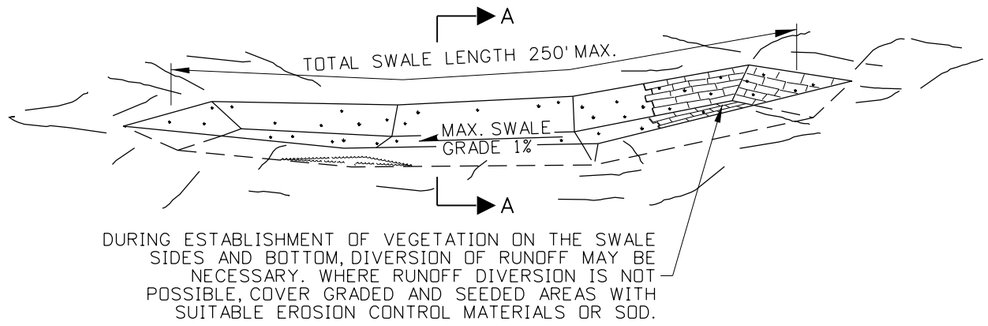


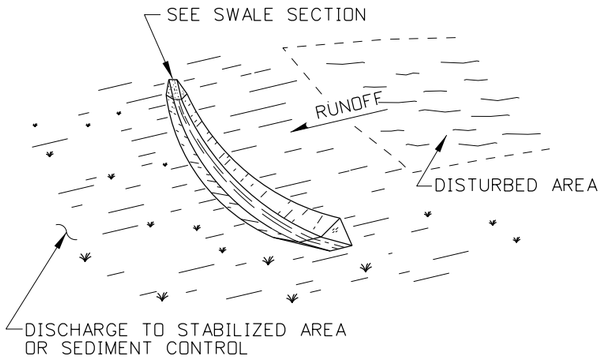
PERIMETER SWALE



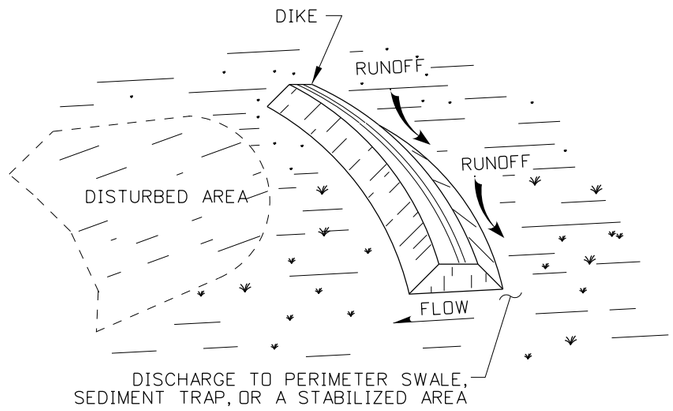
PERIMETER DIKE



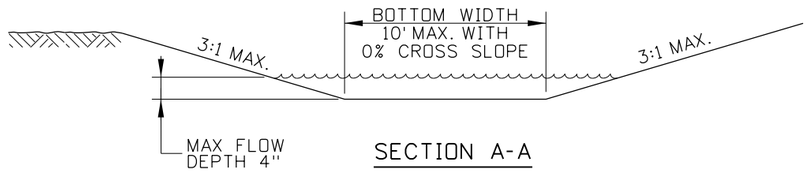
GRASSED SWALE



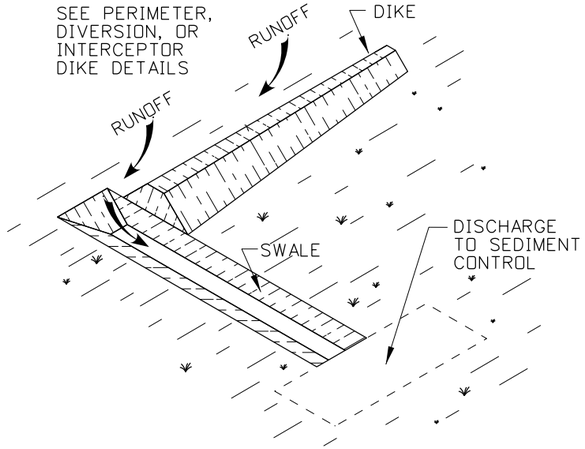
INTERCEPTOR SWALE



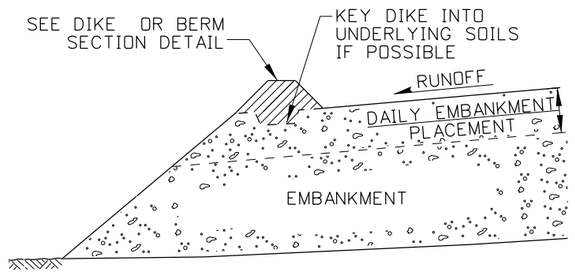
INTERCEPTOR DIKE



SECTION A-A



DIVERSION SWALE



EMBANKMENT SECTION - DIVERSION DIKE

NOTES

1. THE GENERAL NOTES FOR ALL P-1 SERIES STANDARD DRAWINGS (TEMPORARY EROSION CONTROL) ARE GIVEN ON STANDARD DRAWING P-1-D.

2. LOCATE BERMS, DIKES, AND SWALES ALONG THE CONTOUR OF A SLOPE AND MAY BE AT THE TOE OF THE EXPOSED SOIL AREA.

3. CONSTRUCT GRASSED SWALES AT LOCATIONS SHOWN ON THE PLANS. THE SWALE DIMENSIONS AND FLOW GRADES SHALL BE DETERMINED BY DESIGN.

4. THE RECOMMENDED MAXIMUM DRAINAGE AREA FOR GRASSED SWALES IS 1 ACRE. THE RECOMMENDED MAXIMUM DRAINAGE AREA CONTRIBUTING RUNOFF TO A DIKE, SWALE OR COMBINATION THEREOF SHOULD NOT EXCEED 5 ACRES.

5. USE DIKES WHEN BERMS ARE NOT SUFFICIENT TO CONTROL RUNOFF. COMPACT DIKES TO 90 PERCENT OF STANDARD DENSITY. THE USE OF INTERCEPTOR DITCHES IN CONJUNCTION WITH DIKES AND SWALES IN CONJUNCTION WITH BERMS ARE NOT RECOMMENDED.

6. DIVERT COLLECTED RUNOFF, INTERCEPTED RUNOFF, OR BOTH FROM A BERM, DIKE, SWALE OR COMBINATION THEREOF TO A SEDIMENT TRAPPING DEVICE OR STABILIZED AREA.

7. ENSURE THAT THE SIDE SLOPES OF A DIKE OR SWALE WITHIN THE CLEAR ZONE IS 6:1 OR FLATTER UNLESS SHIELDED.

8. NOT TO SCALE.

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: J. CALEB LAKEY DATE ORIGINAL SIGNED: FEBRUARY 1, 2013

REVISIONS

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	12-94	MSM						
2	02-96	MSM						
3	10-10	KEH						
4	10-11	KEH						
5	01-13	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: p1e_0213.std

DRAWING DATE: APRIL, 1994

IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

STANDARD DRAWING

TEMPORARY SEDIMENT CONTROL BERMS, DIKES, AND SWALES

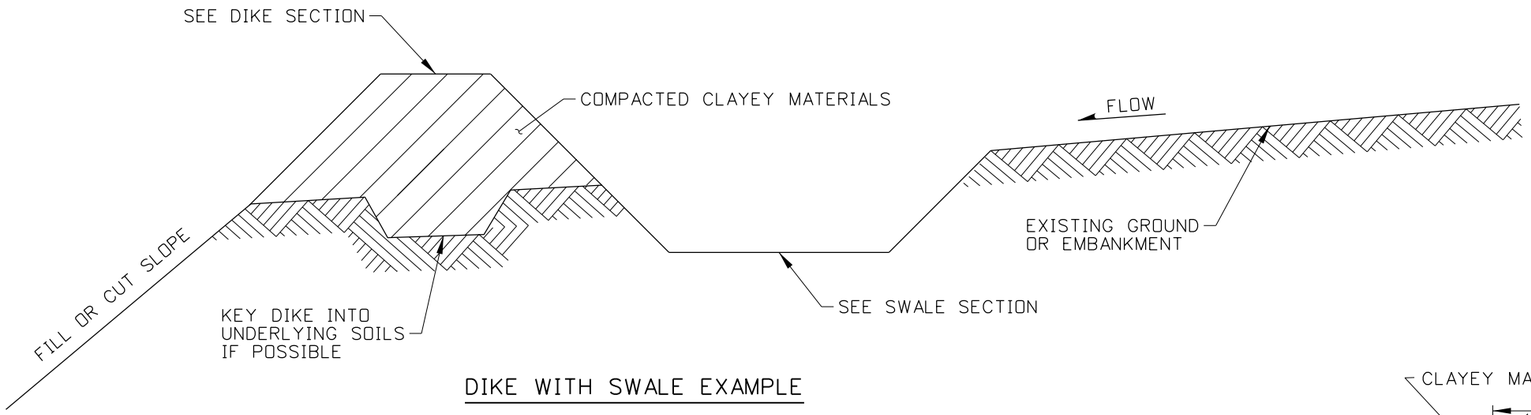
REQUIRES STD. DWG. P-1-D

English

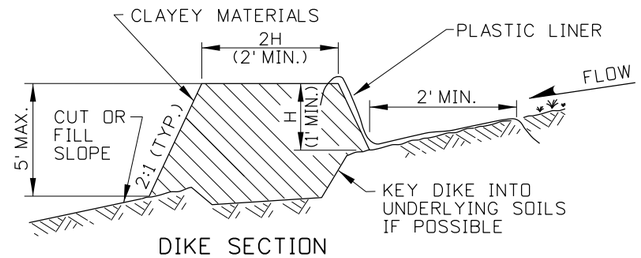
STANDARD DRAWING NO.

P-1-E

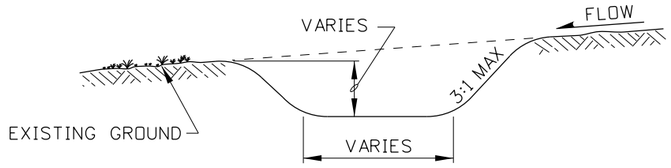
SHEET 1 OF 2



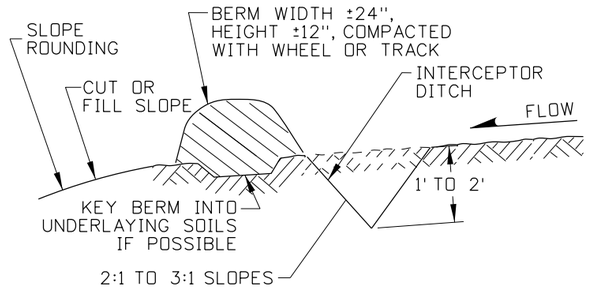
DIKE WITH SWALE EXAMPLE



DIKE SECTION



SWALE SECTION



BERM & INTERCEPTOR DITCH SECTION

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: J. CALEB LAKEY
DATE ORIGINAL SIGNED: FEBRUARY 1, 2013

REVISIONS								
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STANDARD DRAWING

TEMPORARY SEDIMENT CONTROL BERMS, DIKES, AND SWALES

REQUIRES STD. DWG. P-1-D

English

STANDARD DRAWING NO.

P-1-E