SECTION A-A
SECTION B-B

Toe Detail
Normal Water Elevation 2'-0" Above Stream Bed

2'-0" Above High Water

2'-0" Above High Water

7'-0" Above High Water

Use where BERM ELEVATION is less than 7'-0" Above High Water

Use where BERM ELEVATION is over 7'-0" Above High Water

ALTERNATE 1
NORMAL CONDITION FOR EMBANKMENT FILLS

ALTERNATE 2
USE WHERE BERM ELEVATION IS LESS THAN 7'-0" ABOVE HIGH WATER

ALTERNATE 3
USE WHERE BERM ELEVATION IS OVER 7'-0" ABOVE HIGH WATER

HEAVY RIPRAP 1:1 MAX. SLOPE

PLACEMENT OF HEAVY RIPRAP AT RIVER CROSSINGS

TYPE 'HR'

GEOTEXTILE TYPE 'HR'

If Heavy Riprap is used, place Geotextile below it.

Approved: Bill Oliva
Date: 1-19

BUREAU OF STRUCTURES

STANDARD 15.01
SECTION A-A
SYMMETRAL ABOUT SUPERSTRUCTURE OUTER EDGE OF VARIABLE - 5'-0" MIN.
EMBANKMENT BLEND WITH ADJACENT WINGWALL
BERM

PLAN

TYPICAL SECTION THRU SELECT CRUSHED MATERIAL
Asphaltic material shall not be applied to the surface of select crushed material.

TYPICAL SECTION THRU CRUSHED AGGREGATE
Round stone will not be accepted.

NOTES
DESIGNER NOTE
PREPARED: Sections shown for alternative section see FDM 11-35-1.

SLOPE PAVING - STRUCTURES (CRUSHED AGGREGATE & SELECT CRUSHED MATERIAL)

BUREAU OF STRUCTURES
APPROVED: Bill Oliva DATE: 7-18

STANDARD 15.02