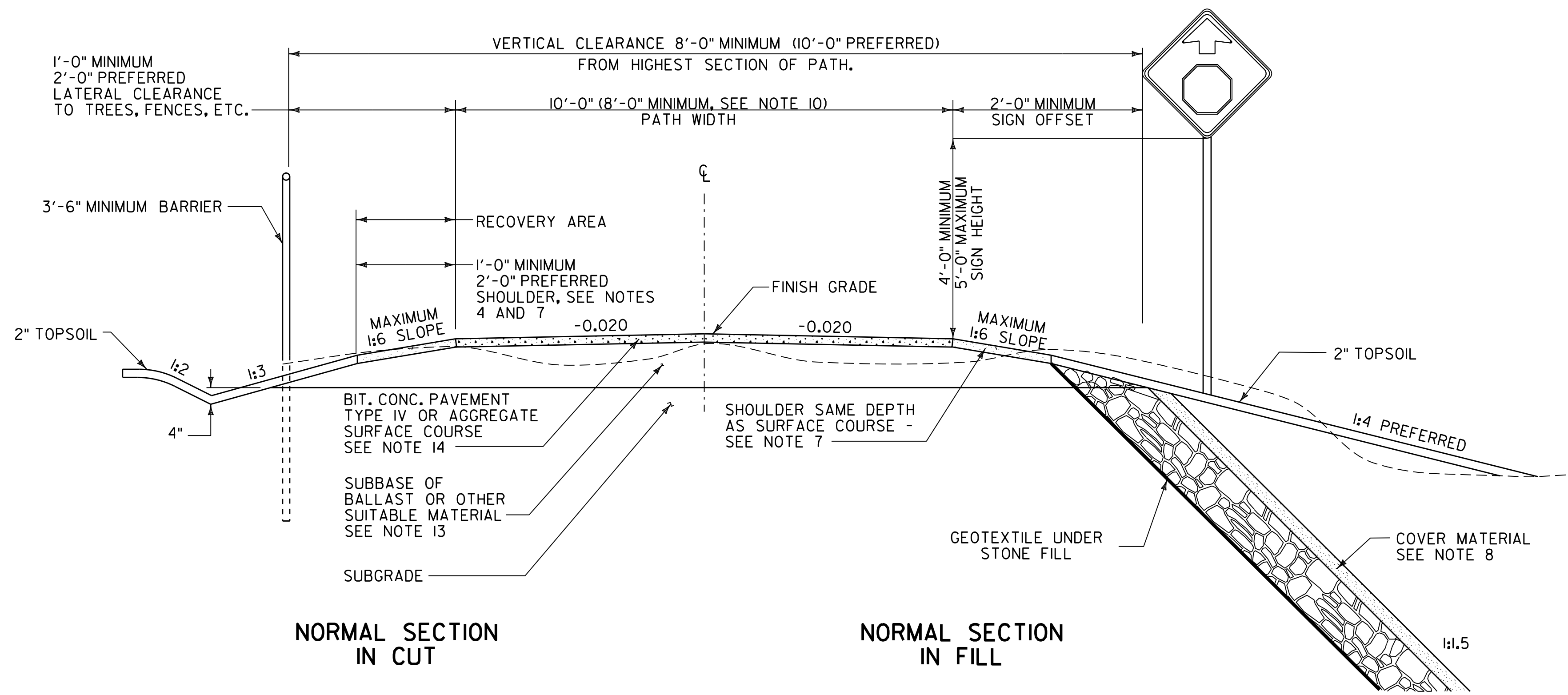


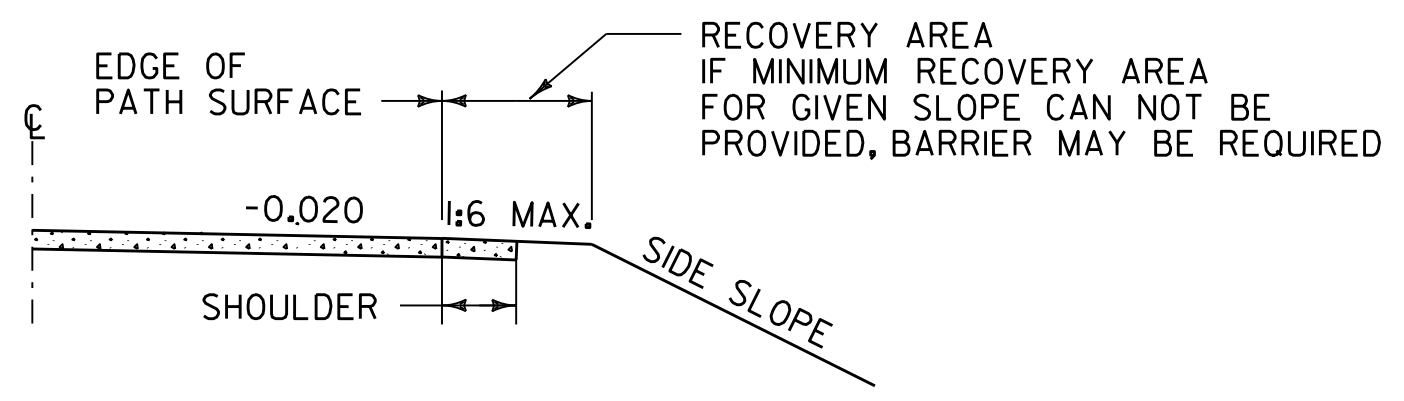
MATERIAL THICKNESS
2" BIT. CONC. PAV'T. TYPE IV OR 4" AGGREGATE SURFACE COURSE, SIDEWALK/TRAIL
8" SUBBASE MINIMUM *
0 - 1'-0" SAND BORROW **
* IF SUBGRADE MATERIAL CONSISTS PRIMARILY OF SILT OR CLAY, ADDITIONAL SUBBASE MATERIAL MAY BE REQUIRED.
** NOTE: SAND BORROW TO BE DETERMINED ON A PROJECT BY PROJECT BASIS.

THICKNESS TOLERANCES
PAVEMENT ± 1/4" TOTAL DEPTH
AGGREGATE SURFACE ± 1/2" TOTAL DEPTH
SUBBASE ± 1" TOTAL DEPTH
SAND BORROW ± 1" TOTAL DEPTH

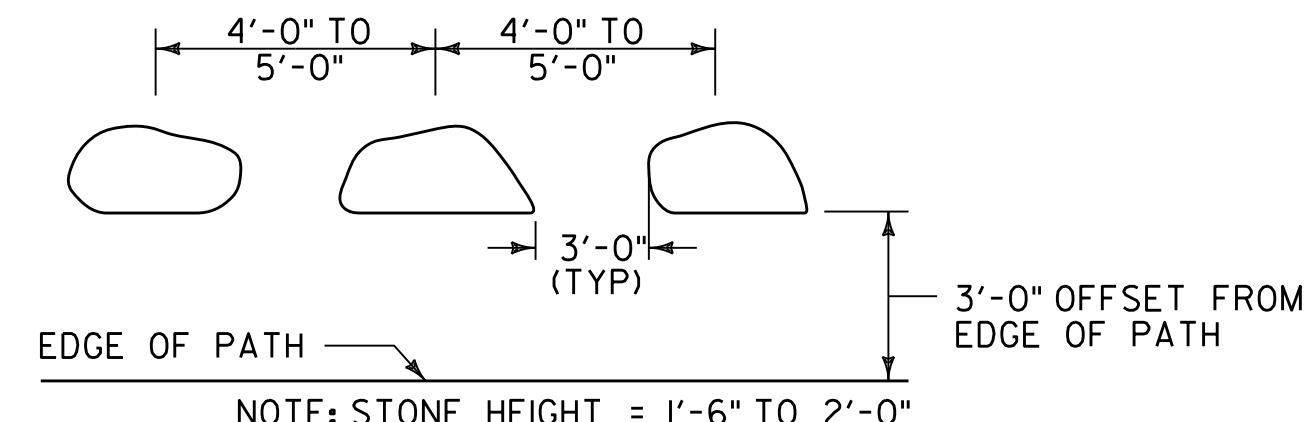


**NORMAL SECTION  
IN CUT**

**NORMAL SECTION  
IN FILL**



**SIDE SLOPE TREATMENT**



**STONE BARRIER  
(SEE NOTE 11)**

SPECIFICATION FOR AGGREGATE SURFACE COURSE, SIDEWALK/TRAIL	
SIEVE DESIGNATION	PERCENTAGE BY MASS PASSING SQUARE MESH SIEVES
3/8"	80 TO 100
NO. 4	60 TO 90
NO. 16	20 TO 40
NO. 30	14 TO 30
NO. 50	10 TO 25
NO. 100	8 TO 15
NO. 200	0 TO 8

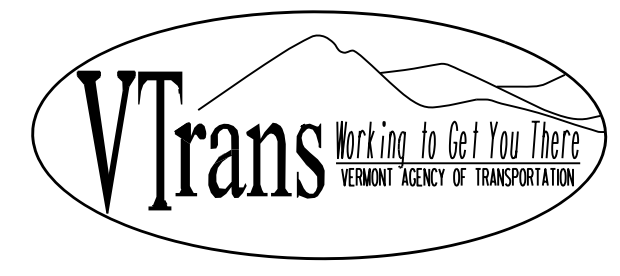
**GENERAL NOTES:**

- ALL DESIGN SHALL BE IN ACCORDANCE WITH THE VTRANS PEDESTRIAN AND BICYCLE FACILITY PLANNING AND DESIGN MANUAL AND THE LATEST EDITION OF THE AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES.
- ALL RAIL TRAILS, INCLUDING THOSE WITH UNPAVED SURFACES, SHALL MEET THE REQUIREMENTS OF THE US ACCESS BOARD AND ITS GUIDELINES FOR SHARED USE PATHS.
- ALL CURVED SECTIONS SHALL BE BANKED TOWARD THE INSIDE OF THE CURVE. A "BANKING DIAGRAM" SHOULD BE PROVIDED. THE SUBGRADE WILL NOT BE CROWNED IN THE CURVED SECTIONS.
- FOR UNPAVED RAIL TRAILS, SHOULDER AND LATERAL CLEARANCE WIDTHS MAY BE REDUCED BY 1'-0" IN SITUATIONS WHERE LIMITED RIGHT OF WAY OR ENVIRONMENTAL CONSTRAINTS EXIST. DECISION TO DO SO SHALL BE WELL DOCUMENTED AS OUTLINED IN THE VTRANS PEDESTRIAN AND BICYCLE FACILITY PLANNING AND DESIGN MANUAL.
- GEOTEXTILE SHALL BE PLACED BETWEEN SUBGRADE AND SUBBASE.
- ANY TREE ROOTS ENCOUNTERED WITHIN THE EXCAVATION LIMITS SHALL BE SAWCUT AND REMOVED. PAYMENT WILL BE INCIDENTAL TO COMMON EXCAVATION UNLESS OTHERWISE NOTED ON THE PLANS.
- THE SHOULDER MAY BE CONSTRUCTED USING TOPSOIL AND GRASS OR AGGREGATE.
- STONE FILL TYPE II IS REQUIRED ON ANY SLOPE STEEPER THAN 1:2. A 6" LAYER OF COVER MATERIAL OVER THE STONE IS ALSO REQUIRED.
  - ANY SLOPES ADJACENT TO WETLANDS OR STREAMS SHALL USE GRUBBING MATERIAL AS A COVER FOR THE STONE FILL UNLESS OTHERWISE NOTED ON THE PLANS.
  - STONE COVERED SLOPES IN DRY AREAS SHALL USE EXCAVATED EARTH OR EARTH BORROW AS A COVER MATERIAL. COVER MATERIAL SHALL BE SEEDED AND MULCHED.
- IF UNSUITABLE MATERIAL IS PRESENT ON TOP OF BALLAST, IT SHALL BE REMOVED PRIOR TO GRADING.
- THE MINIMUM PATH WIDTH SHALL ONLY BE USED WHEN THE CONDITIONS NOTED IN THE VTRANS PEDESTRIAN AND BICYCLE FACILITY PLANNING AND DESIGN MANUAL ARE MET.
- BARRIER MAY CONSIST OF FENCING OR TREES/BUSHES SPACED NO GREATER THAN 6'-0" OR STONES AS SHOWN IN THE STONE BARRIER DETAIL ON THIS DRAWING.
- DITCHES WILL RECEIVE THE FOLLOWING TREATMENTS BASED ON THEIR SLOPE:
  - 0-1% SEED AND MULCH
  - 1-2.5% EROSION CONTROL MATTING AND SEED
  - 2.5-10% TYPE I STONE FILL - 1'-0" DEPTH
  - > 10% TYPE II STONE FILL - 2'-0" DEPTH
- EXCESS BALLAST SHALL BE GRADED TO A CONSISTENT GRADE AND CROSS SLOPE.
- WHEN BIT. CONCRETE PAVEMENT IS USED AS THE WEAR COURSE A 4" (MIN) LIFT OF AGGREGATE SURFACE COURSE SHALL BE PLACED BETWEEN THE BIT. CONCRETE PAVEMENT AND ANY BALLAST MATERIAL.

REV.	DATE	DESCRIPTION
0	MAR. 31, 2004	ORIGINAL APPROVAL
1	SEP. 20, 2017	NEW TITLE BLOCK, MINOR NOTE REVISIONS
2	APR. 07, 2020	MISCELLANEOUS REVISIONS

OTHER STANDARDS REQUIRED: NONE

**RAIL TRAIL  
TYPICAL**



**STANDARD  
A - 79**