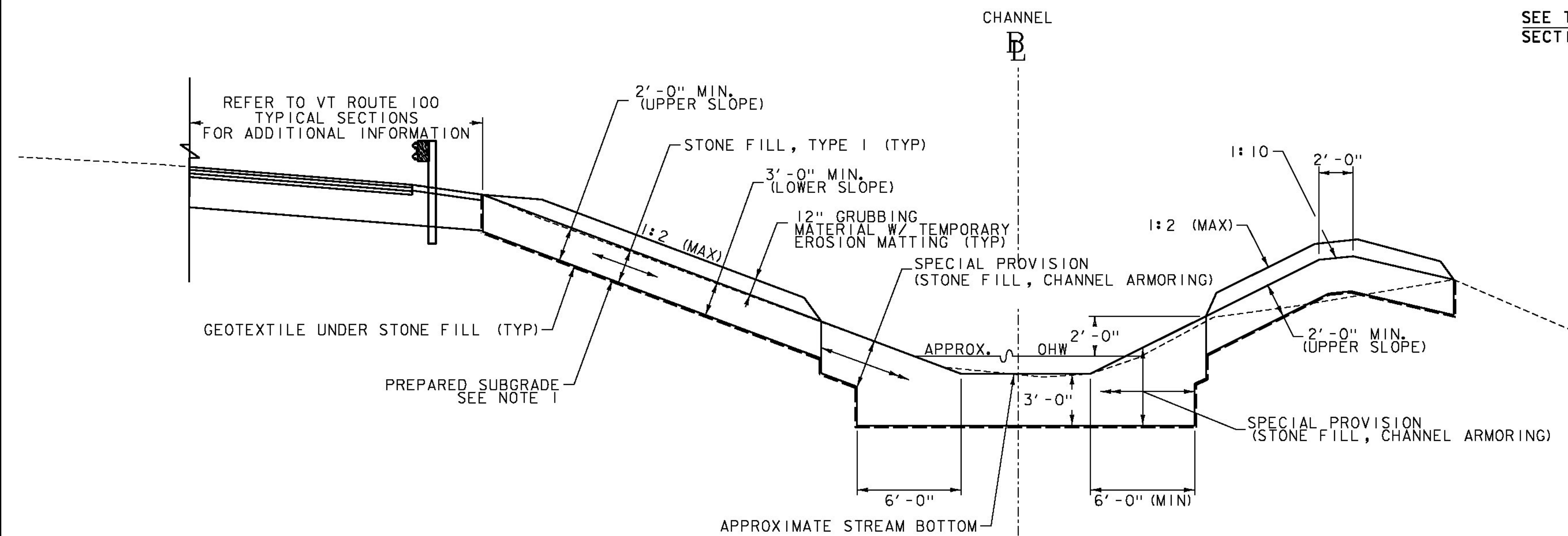


TYPICAL SECTIONS

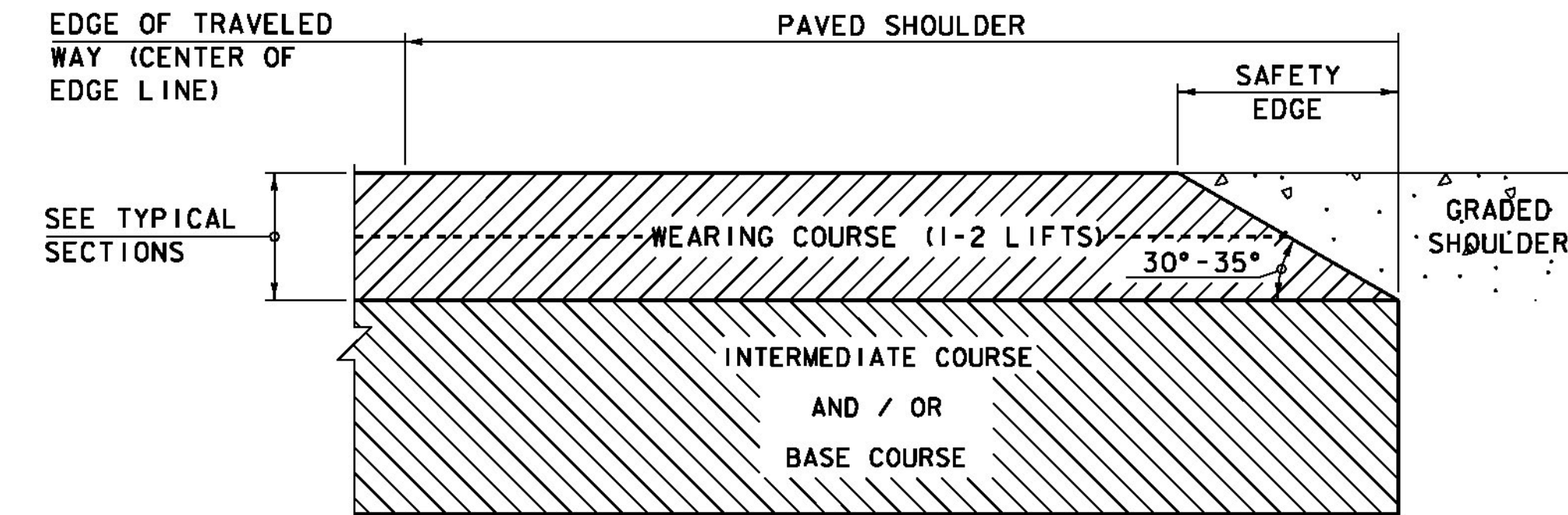


NOTE: SEE NOTE 3 FOR LIMITS OF EXCAVATION.

CHANNEL TYPICAL SECTION

STA. 5+08.84 - 6+55.00

NOT TO SCALE

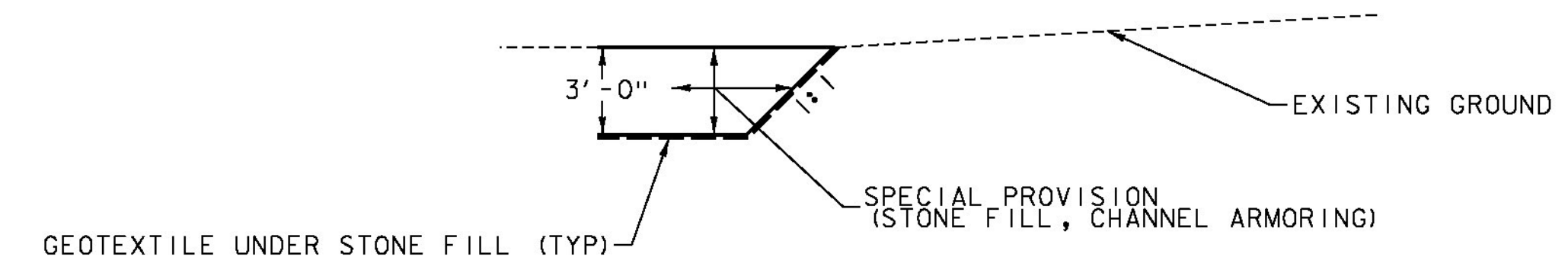


SAFETY EDGE DETAIL

NOT TO SCALE

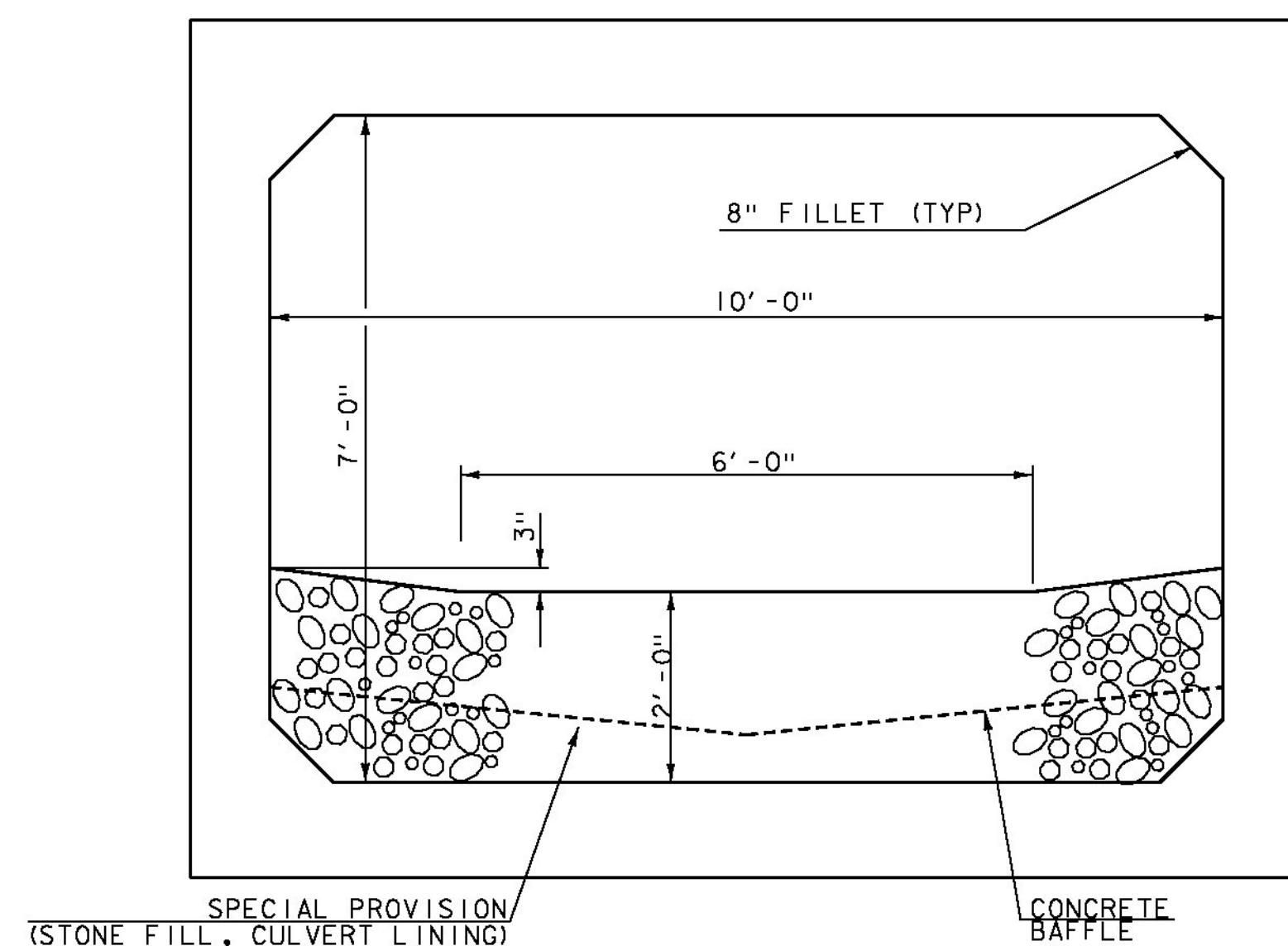
NOTES:

1. THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED.
2. THE PAVED SHOULDER EXTENDS FROM THE EDGE OF TRAVELED WAY TO THE EDGE OF THE WEARING COURSE, INCLUDING THE "SAFETY EDGE".



STREAM BED MATERIAL TRANSITION

NOT TO SCALE



CULVERT TYPICAL SECTION

STA. 4+46.84 - 5+08.84

NOT TO SCALE

STONE FILL GENERAL NOTES:

1. PRIOR TO PLACING MATERIALS, PREPARE SLOPE AS FOLLOWS:
 - A. CUT OFF TREES AND EXISTING STUMPS TO GROUND LEVEL. LEAVE STUMPS & ROOTS BELOW GRADE IN PLACE.
 - B. EXCAVATE VEGETATION (EXCEPT STUMPS) AND ORGANIC SOILS FROM SURFACE OF SLOPE.
 - C. COMPACT SURFACE OF SLOPE (COMPACTION WITH EXCAVATOR BUCKET ACCEPTABLE).
 - D. PLACE MATERIALS AS SHOWN ON THE DETAILS.
2. PLACEMENT OF STONE SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - A. STONE FILL SHALL BE CAREFULLY PLACED ON SLOPES AND INTERLOCKED TO CREATE A STABLE AND WELL-GRADED MIXTURE OF LARGE STONES AND SMALLER STONES WITHOUT LARGE VOIDS IN BETWEEN. VOIDS SHALL BE CHOKED WITH SMALLER STONES TO CREATE A MASS FREE OF LARGE VOIDS.
 - B. DUMPING OF STONE FILL AT THE TOP OF THE SLOPES AND ROLLING OR PUSHING INTO PLACE WILL NOT BE PERMITTED.
 - C. PLATE COMPACTORS SHALL NOT BE USED IN THE PLACEMENT OF SPECIAL PROVISION (STONE FILL, CHANNEL ARMORING) OR THE NATIVE RIVERBED MATERIAL.
 - D. THE STREAM BED SHALL BE COMPRISED OF IMPORTED MATERIAL AND EXISTING RIVERBED MATERIAL EXCAVATED DURING THE WORK UNDER THIS PROJECT AND MEET THE REQUIREMENTS OF SPECIAL PROVISION (STONE FILL, CHANNEL ARMORING). THE MATERIAL SHALL BE STOCKPILED AND REUSED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. UNDERFLOW SHALL NOT TAKE PLACE FOLLOWING INSTALLATION OF THE STREAMBED.
3. ALL EXCAVATION BELOW ORDINARY HIGH WATER WILL BE PAID FOR UNDER ITEM 203.27, UNCLASSIFIED CHANNEL EXCAVATION. ALL EXCAVATION ABOVE ORDINARY HIGH WATER WILL BE PAID FOR UNDER ITEM 203.17, UNCLASSIFIED EXCAVATION. ALL ROADWAY EXCAVATION WILL BE PAID UNDER ITEM 203.15 COMMON EXCAVATION UNLESS OTHERWISE NOTED.

PROJECT NAME: JAMAICA
PROJECT NUMBER: ER STP 013-2(12)

FILE NAME: z12b474typ.dgn
PROJECT LEADER: E. ATKINS
DESIGNED BY: M. BRADLEY
TYPICAL SECTIONS AND DETAILS SHEET 2

PLOT DATE: 02/27/2015
DRAWN BY: T. BIGELOW
CHECKED BY: E. ATKINS
SHEET 5 OF 48