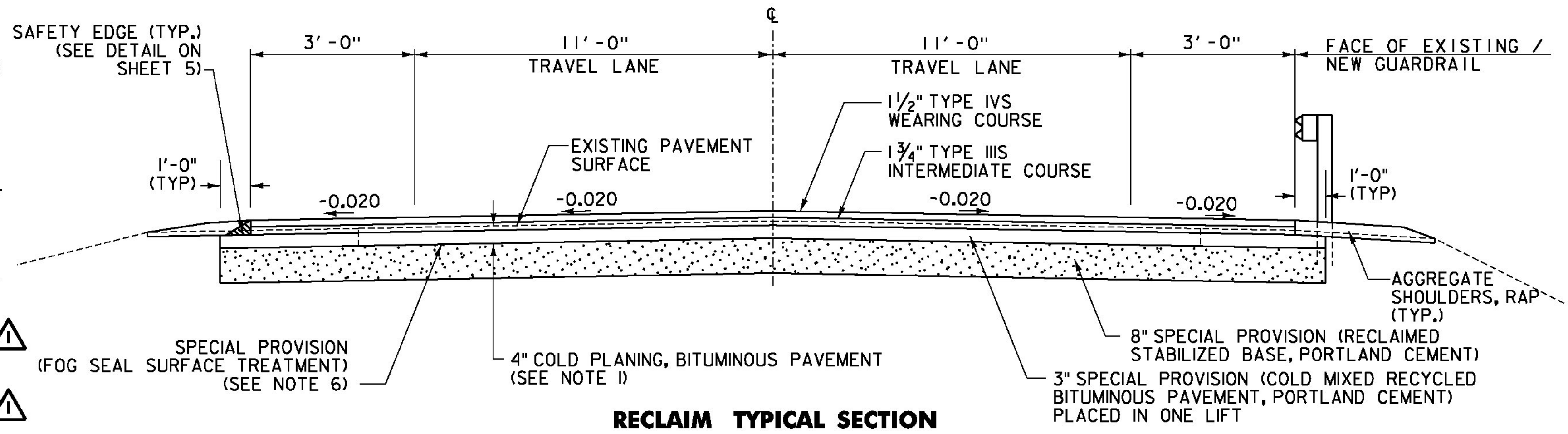
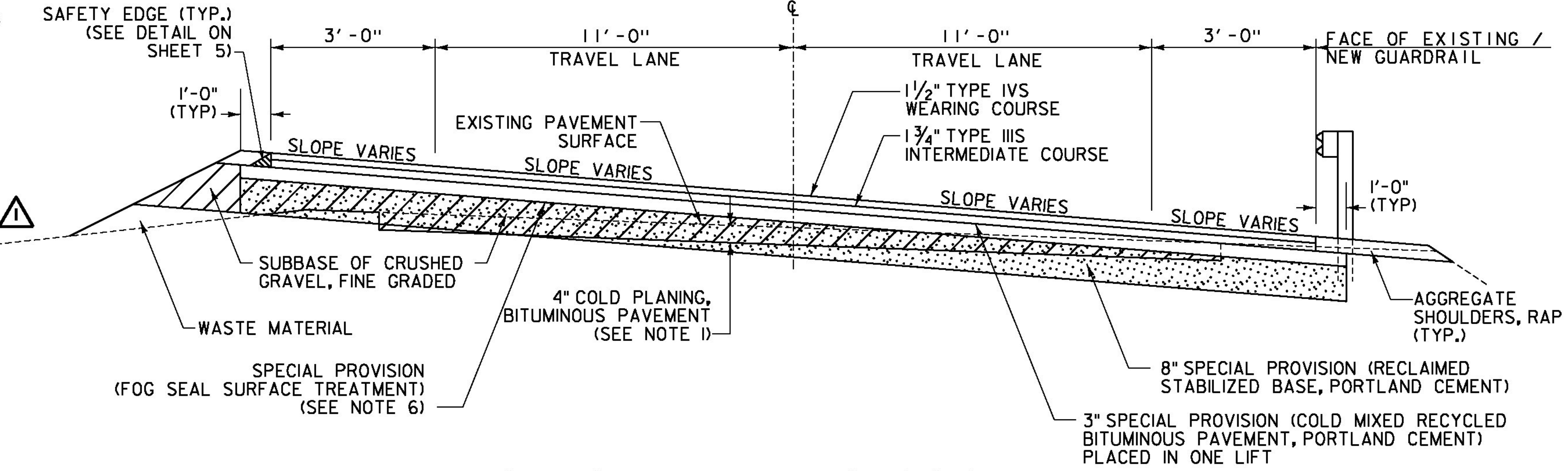


NOTES

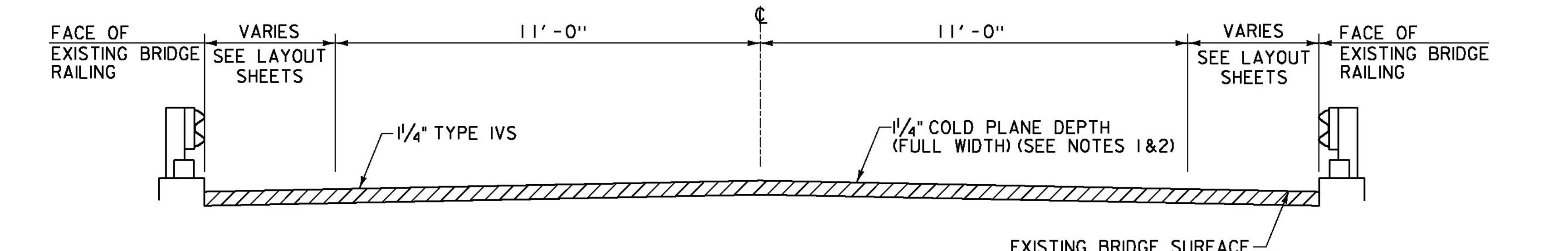
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THIS SHALL BE PAID AS ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT. A BITUMINOUS BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGINNING AND END OF THE PROJECT AND ALL PAVED SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER. SAWCUTTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
- THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THESE OPERATIONS THE ENGINEER SHALL CONTACT THE VTRANS CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.
- PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER WILL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 900.680 SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL) FOR EXISTING SHOULDER RECONSTRUCTION DETAIL SEE SHEET 5.
- THE FIRST RECLAIM PASS SHALL BE PERFORMED FROM TOP OF SHOULDER BREAK TO TOP OF SHOULDER BREAK. THIS WORK SHALL BE PAID UNDER ITEM 900.675 SPECIAL PROVISION (RECLAIMED STABILIZED BASE). THE SECOND PASS SHALL BE PERFORMED FULL WIDTH PER THE TYPICAL SECTION. THIS WORK SHALL BE PAID UNDER ITEM 900.675 SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT).
- AN ADDITIONAL QUANTITY OF ITEM 900.680 SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL) HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION DEFICIENCIES WITHIN THE RECLAIMED SECTION.
- ITEM 900.683 SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT) SHALL BE APPLIED ON THE SURFACE OF THE RECLAIMED STABILIZED BASE, PORTLAND CEMENT AT THE RATE OF 0.15 GAL/SY OR AS DIRECTED BY THE ENGINEER.
- FOR THE PURPOSES OF QUANTITY CALCULATION IT HAS BEEN ASSUMED ITEM 900.675 SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT) WILL REQUIRE 4% BY WEIGHT OF ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT, COLD MIX WITH CEMENT). FOR THE SAME PURPOSE IT HAS ALSO BEEN ASSUMED 2% BY WEIGHT OF PORTLAND CEMENT WILL BE REQUIRED BY MIX DESIGN.
- EMULSIFIED ASPHALT, TYPE CRS-IH, SHALL BE APPLIED AS A TACK COAT ON THE COLD MIXED RECYCLED PAVEMENT AT A RATE OF 0.04 TO 0.06 GAL/SY. EMULSIFIED ASPHALT TYPE CRS-IH OR RSI-H SHALL BE APPLIED AS A TACK COAT BETWEEN THE 1 3/4 INCH INTERMEDIATE COURSE AND THE 1 1/2 INCH WEARING COURSE OF SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AT A RATE OF 0.025 TO 0.04 GAL/SY. THE SAME ITEM SHALL BE APPLIED TO COLD PLANED SURFACES AT A RATE OF 0.08 GAL/SY. ALL APPLICATIONS WILL BE PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH).
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH. (TOTAL THICKNESS EXCLUDING LEVELING). SUBBASE OF CRUSHED GRAVEL, FINE GRADED TOLERANCE = +/- 1 INCH TOTAL SUBBASE THICKNESS. SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT) TOLERANCE = +/- 1/4 INCH.
- THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE INTERMEDIATE COURSE SHALL BE TYPE IIS. THE INTERMEDIATE COURSE HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE WEARING COURSE ALONG THE ENTIRE PROJECT. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 490.03(b).
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDERS, RAP AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
- ALL PAVED AND GRAVEL RESIDENTIAL, COMMERCIAL, AND FIELD DRIVES SHALL RECEIVE A PAVED APRON OF FOUR FEET UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- 3' - 7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6 FOOT POSTS. IF THIS CANNOT BE OBTAINED THEN 8 FOOT POSTS SHALL BE USED. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED, ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS, ITEM 621.215 HD STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS, OR ITEM 621.217 HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS.
- ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. THE AMOUNT OF 25 CUBIC YARDS OF EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE TO BE USED AS DIRECTED BY THE ENGINEER. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING, THE AREA SHALL BE TOPSOILED AND SEEDED USING ITEM 651.35, TOPSOIL AND ITEM 651.15 SEED.
- ITEMS 649.51 GEOTEXTILE FOR SILT FENCE AND 653.60 EROSION LOG SHALL BE USED AT THE DISCRETION OF THE ENGINEER.
- NO BLASTING IS ALLOWED WITHIN 10 FEET OF ANY UTILITY WITHOUT PRIOR CONSENT FROM THAT UTILITY COMPANY AND VTRANS.



RANDOLPH STA. 20+53.92 - 67+13.42	BRAINTREE-CONTINUED STA. 206+19.88 - 215+40 (BR#7) STA. 217+50 - 232+00 (BR#8) STA. 232+30 - STA. 285+00 (BR#9) STA. 285+41 - STA. 292+15 (BR#10) STA. 292+40 - STA. 328+45 (BR#11) STA. 328+85 - STA. 378+97.72	GRANVILLE STA. 0+00.00 - STA. 22+93 (BR#12) STA. 23+22 - STA. 66+96 (BR#14) STA. 67+25 - STA. 88+48.34
BRAINTREE STA. 0+00.00 - 147+00 (BR#5) STA. 147+26 - 177+31 (RAILROAD CROSSING) STA. 178+89 - 203+02.31		ROXBURY STA. 0+00 - STA. 35+32.32



SEE BANKING DIAGRAM SHEETS AND CROSS SECTIONS FOR LOCATIONS AND CROSS SLOPES



BRAINTREE BR#5 STA. 147+00 - 147+26 BR#8 STA. 232+00 - STA. 232+30 BR#9 STA. 285+00 - STA. 285+41 BR#10 STA. 292+15 - STA. 292+40 BR#11 STA. 328+45 - STA. 328+85
GRANVILLE BR#12 STA. 22+93 - STA. 23+22 BR#14 STA. 66+96 - STA. 67+25

REV	DESCRIPTION	DATE
1	RECLAIMED STABILIZED BASE SPEC. & NOTE #10 REVISION	1-16-2015

PROJECT NAME: RANDOLPH-ROXBURY	PROJECT NUMBER: ER STP 0187(II)
FILE NAME: z13c182frm.dgn	PLOT DATE: 1/16/2015
PROJECT LEADER: M. FOISY	DRAWN BY: G. BURGMIEIER
DESIGNED BY: I. MAYNARD	CHECKED BY: M. FOISY
TYPICAL SECTION SHEET	SHEET 4 OF 545

