GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION PRACTICES SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND IT'S LATEST REVISIONS.

2. THE WEARING AND LEVELING COURSE FOR THE LEVEL AND OVERLAY SECTION, SUDBURY, STA 19+22 TO SUDBURY, STA 151+00, SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE WEARING COURSE FOR THE RECLAIMED STABILIZED BASE SECTION, SUDBURY, STA 151+00 TO BRANDON, STA 89+75, SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AND THE BASE COURSE FOR THE RECLAIMED STABILIZED BASE SECTION SHALL BE TYPE IIS. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 490.03 (b).

3. COLD PLANED SURFACES SHALL HAVE SURFACE PREPARATION BEFORE THE LEVELING COURSE IS PLACED. SURFACE PREPARATION SHALL CONSIST OF POT HOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST ONE INCH IN WIDTH. REFER TO SHEET 5 FOR POT HOLE REPAIR DETAIL. PAYMENT WILL BE UNDER ITEM 900.680 "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)". COLD PLANED SURFACES SHALL HAVE AN EMULSIFIED ASPHALT TACK COAT APPLICATION RATE OF 0.08 GAL/SQ. YD. EMULSIFIED ASPHALT TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SQ. YD. PAYMENT FOR ALL EMULSIFIED ASPHALT WILL BE MADE UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)

4. AN ESTIMATED QUANTITY FOR ITEM 619.17 "YIELDING MARKER POSTS" HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE THE PAVEMENT SURFACES OR AS DIRECTED BY THE ENGINEER.

5. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF THE EXISTING FEATURES AND STRUCTURES WITHIN AND ADJACENT TO THE WORK. IN THE CASE OF DAMAGE, THE REPAIRS OR REPLACEMENT SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AS APPROVED BY THE ENGINEER.

6. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

7. PRIOR TO RECLAIMING IN THE RECLAIM SECTION, OR THE PAVING OF THE LEVELING COURSE, IN THE LEVEL AND OVERLAY SECTION, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE ENGINEER IN THE RECLAIM SECTION, AND TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER IN THE LEVEL AND OVERLAY SECTION. 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 REMOVAL SHALL BE REPLACED WITH ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED". AN ADDITIONAL QUANTITY OF 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADE DEFICIENCIES WITHIN THE RECLAIMED SECTION.

8. ALL PAVED AND GRAVEL DRIVES SHALL RECEIVE A PAVED APRON OF FOUR FEET AND ALL FIELD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL REQUIRED MATERIAL AND EXCAVATION IN DRIVE AREAS SHALL BE INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)". 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.

9. 3'-7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. IF THIS CAN NOT BE OBTAINED THEN EIGHT FOOT POSTS SHALL BE USED. PAYMENT WILL BE UNDER ITEM 621.20 "STEEL BEAM GUARDRAIL, GALVANIZED" AND ITEM 621.205 "STEEL BEAM GUARDRAIL, GALVANIZED W/8 FOOT POSTS". STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

10. ESTIMATED QUANTITIES OF ITEM 608.25, "ALL PURPOSE EXCAVATOR RENTAL, TYPE I", ITEM 608.15 "POWER GRADER RENTAL", ITEM 608.37, "TRUCK RENTAL", AND ITEM 608.40,"LOADER RENTAL, TYPE I" HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTIONS AND THE REMOVAL OF BUILT UP EXCESS SHOULDER MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30, "EARTH BORROW" HAS BEEN INCLUDED FOR USE WITH THE GUARDRAIL END SECTIONS.25 CY OF ITEM 203.30, "EARTH BORROW" HAS BEEN ESTIMATED FOR EACH NEW END SECTION. GUARDRAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED THREE INCH DEPTH OF ITEM 402.12, "AGGREGATE SHOULDERS" UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ITEM 653.20, "TEMPORARY EROSION MATTING" SHALL BE PLACED ON SLOPES GREATER THAN 1:4 UNLESS DIRECTED BY THE ENGINEER. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING, THE AREA SHALL BE TOPSOILED, SEEDED, FERTILIZED AND MULCHED USING ITEM 651.35, "TOPSOIL", ITEM 651.15, "SEED", ITEM 651.18, FERTILIZER", ITEM 651.20 "AGRICULTURAL LIMESTONE", AND ITEM 651.25 "HAY MULCH".

11. IN SOME LOCATIONS EXCAVATION OF THE RECLAIMED MATERIAL MAY BE NECESSARY TO ACHIEVE THE PROPOSED SUPERELEVATION, THIS EXCAVATION, UP TO FIVE INCHES DEEP, SHALL BE INCIDENTAL TO ITEM 310.20 "RECLAIMED STABILIZED BASE".

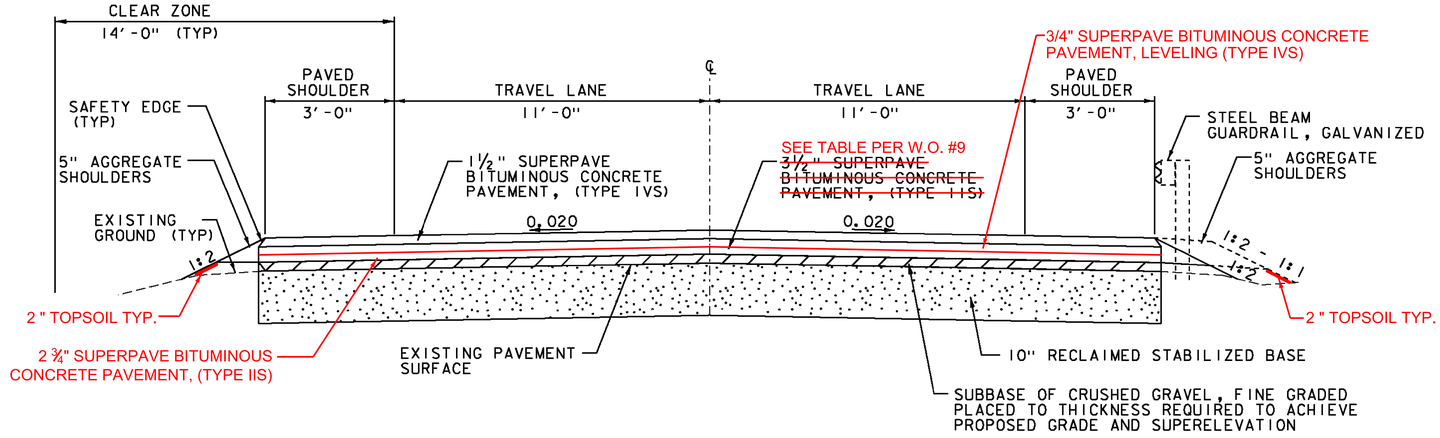
12. DAMAGE TO ANY DI'S, CROSS-CULVERTS OR OTHER DRAINAGE FEATURES SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

13. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.

TYPICAL SECTIONS

THICKNESS TOLERANCES		
PAVEMENT	1/4" +/-	TOTAL DEPTH
SUBBASE	1" +/-	TOTAL DEPTH

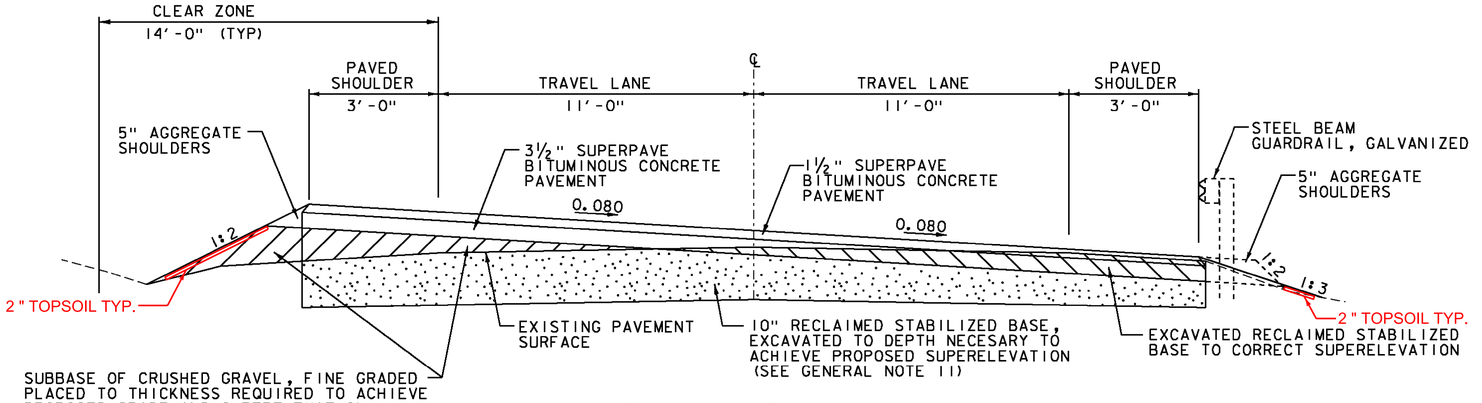
PER WRITTEN ORDER #9 CHANGE OF PAVEMENT THICKNESS:
- 2¾" TYPE II S BASE
- ¾" TYPE IV S LEVELING
- 1½" TYPE IV S WEARING



RECLAIMED STABILIZED TYPICAL SECTION

NOT TO SCALE

SUDBURY
STA. 153+75.00 - STA. 168+58.42
BRANDON
STA. 0+00.00 - STA. 87+25.00



RECLAIMED STABILIZED MAX BANK TYPICAL SECTION

NOT TO SCALE

SUDBURY
STA. 165+82.00 - STA. 168+58.42
BRANDON
STA. 0+00.00 - STA. 1+03.00
STA. 21+19.00 - STA. 24+58.00
STA. 54+99.00 - STA. 57+53.00
STA. 61+53.00 - STA. 67+44.00
STA. 71+94.00 - STA. 77+02.00

PROJECT NAME:	SUDBURY-BRANDON
PROJECT NUMBER:	STP 0158(3)

FILE NAME: dl0c204_typ.dgn	PLOT DATE: 13-FEB-2013
PROJECT LEADER: K. UPMAL	DRAWN BY: B. MCADAMS
DESIGNED BY: B. MCADAMS	CHECKED BY: A. KEMPTON
TYPICAL SECTION SHEET 1	SHEET 3 OF 137