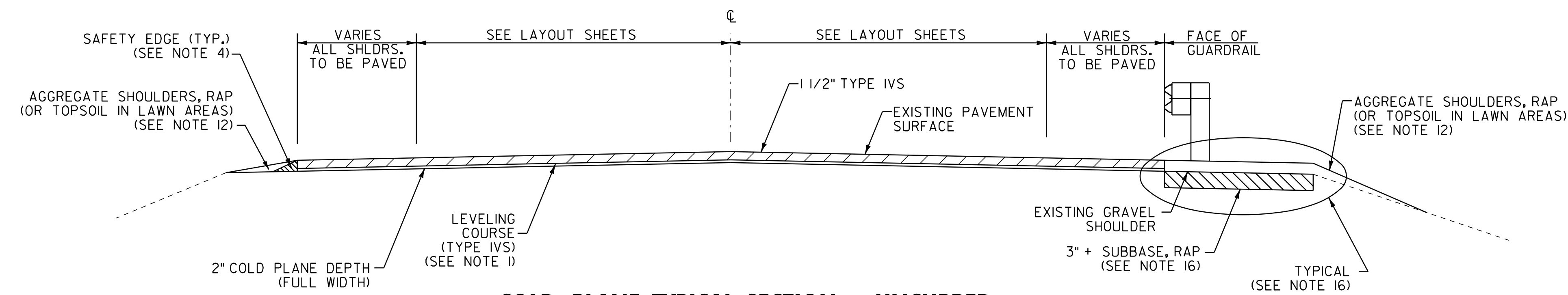


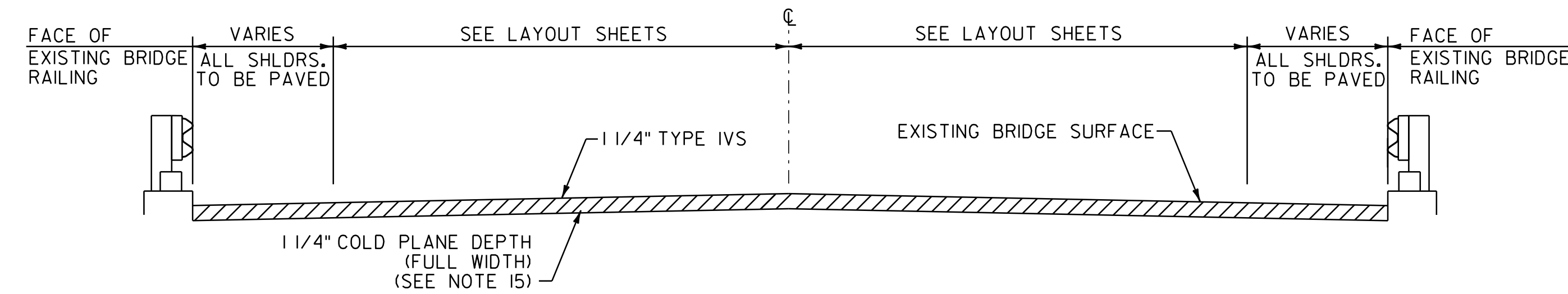
**COLD PLANE TYPICAL SECTION - CURBED**

- U. S. ROUTE 5 STA. 272+55 TO 280+63
- U. S. ROUTE 5 STA. 281+06 TO 302+40
- U. S. ROUTE 5 STA. 302+58 TO 308+02
- U. S. ROUTE 5 STA. 309+41 TO 310+81
- VT ROUTE 16 STA. 115+08 TO 119+84
- VT ROUTE 58 STA. 11+19 TO 16+53.31
- VT ROUTE 58 STA. 16+53.31 TO 17+37.76 - RECONSTRUCT RAILROAD CROSSING (SEE SHEETS 65-73)
- VT ROUTE 58 STA. 17+37.76 TO 19+06
- VT ROUTE 58 STA. 19+54 TO 25+14



**COLD PLANE TYPICAL SECTION - UNCURBED**

- U. S. ROUTE 5 STA. 257+13.60 TO 272+55
- U. S. ROUTE 5 STA. 308+02 TO 309+41
- U. S. ROUTE 5 STA. 310+81 TO 315+90.24
- VT ROUTE 16 STA. 92+18.88 TO 112+03
- VT ROUTE 16 STA. 112+21 TO 115+08
- VT ROUTE 16 STA. 119+84 TO 124+44.96
- VT ROUTE 58 STA. 8+07.84 TO 11+19
- VT ROUTE 58 STA. 25+14 TO 39+75.84



**BRIDGE TYPICAL SECTION**

- BR#162 U.S. ROUTE 5 STA. 280+63 TO 281+06
- BR#163 U.S. ROUTE 5 STA. 302+40 TO 302+58
- BR#20 VT ROUTE 16 STA. 112+03 TO 112+21
- BR#10 VT ROUTE 58 STA. 19+06 TO 19+54

**ASPHALTIC PLUG JOINT LOCATIONS**  
 (SEE STRUCTURES DETAIL SD-516.10)  
 ROARING BROOK ROAD BRIDGE VT ROUTE 16 STA. 92+56, LT (24 LF)  
 BR#10 VT ROUTE 58 STA. 19+06 (33 LF)  
 BR#10 VT ROUTE 58 STA. 19+54 (43 LF)

**NOTES**

1. THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2\"/>
2. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4\"/>
3. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE RESIDENT ENGINEER. SEE DETAIL ON SHEET 3.
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES. ALL COLD PLANED SURFACES SHALL HAVE AN APPLICATION RATE OF 0.08 GAL/SY OF EMULSIFIED ASPHALT. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL SUCCESSIVE PAVED SURFACES AT THE RATE OF 0.040 GAL/SY. ALL APPLICATIONS WILL BE PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH).
5. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL COLD PLANE JOINT. SEE DETAIL ON SHEET 3.
6. ALL RESIDENTIAL AND COMMERCIAL DRIVES, AND PULL-OUTS SHALL RECEIVE A 4' PAVED APRON, AND ALL FIELD DRIVES SHALL RECEIVE A 2' PAVED APRON, PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER (FOR DETAILS, SEE SHEET 11). 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.
7. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
8. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
9. A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES HAVE BEEN DISTRIBUTED BETWEEN ITEMS 604.40, 604.412, AND 604.415 FOR ESTIMATING PURPOSES.
10. 3' - 7\"/>
11. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
12. ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP EDGES OF PAVEMENT, EXCEPT IN LAWN AREAS WHERE ITEM 651.35 TOPSOIL SHALL BE USED.
13. 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 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 AREAS. 25 CUBIC YARDS OF EARTH BORROW HAVE 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.
14. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR REMOVING BUILT UP, SAND, ETC. ADJACENT TO THE SHOULDERS IN NON GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
15. 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 RESIDENT 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 RESIDENT ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.
16. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3\"/>

EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR, TYPE I.  
 MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.40 SUBBASE, RAP AS DIRECTED BY THE ENGINEER.  
 EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.



NOT TO SCALE

<b>PROJECT TYPICAL SHEET #1</b>	PROJECT NAME: BARTON	
	PROJECT NUMBER: STP 2702(1)	
	FILE NAME: p07c192.dgn	PLOT DATE: 30-OCT-2013 17:0
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	<b>IPARM FILE: p07c192pts01.i</b>	SHEET 2 OF 75