

NOTES

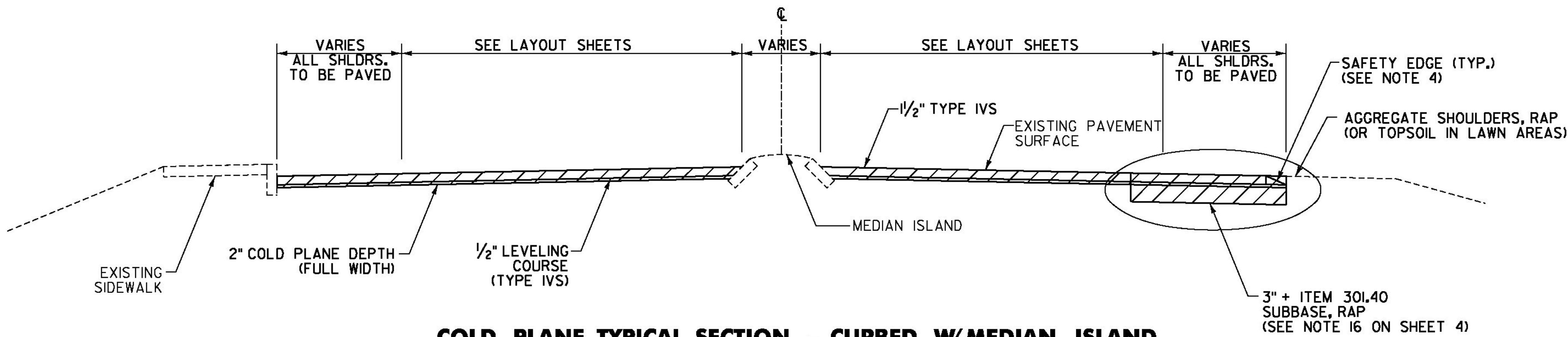
- THE PAVEMENT BASE COURSE AND INTERMEDIATE COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IIS, THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS, THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = + 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 7.
- 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).
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL SECTION 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 7. EXISTING TEMPORARY PAVEMENT WEDGES INSTALLED BY OTHERS AT SIDE ROADS AND DRIVES SHALL BE MODIFIED AS NEEDED AND REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
- ALL RESIDENTIAL AND COMMERCIAL DRIVES, AND PULL-OUTS SHALL RECEIVE A FOUR FOOT PAVED APRON, AND ALL FIELD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON. PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE ENGINEER (FOR DETAILS, SEE SHEET 26). 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.
- SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
- 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 ENGINEER.
- 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, ITEM 604.418 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 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, 604.415 AND 604.418 FOR ESTIMATING PURPOSES.

BECAUSE OF THE VARIOUS SURFACE TREATMENTS BEING CONSTRUCTED TO MATCH THE WORK BY OTHERS AS PART OF THE SRF LOAN RFI-168 CSO ELIMINATION PROJECT, MANY DRAINAGE MANHOLES AND SEWER MANHOLES WILL NEED VARYING LEVELS OF ELEVATION ADJUSTMENT. THE EXISTING FRAMES AND COVERS FOR THESE STRUCTURES SHALL BE USED TO COMPLETE THIS WORK. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO OBTAIN ACCESS TO THESE ITEMS. THIS WORK WILL BE PAID AS ITEM 604.40 CHANGING ELEVATION OF DI'S, CB'S OR MANHOLES OR ITEM 604.42 CHANGING ELEVATION OF SEWER MANHOLES.
- A DISTANCE OF AT LEAST 3' - 7' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. IF THIS CANNOT BE OBTAINED THEN EIGHT FOOT POSTS SHALL BE USED. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED OR ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS AS APPLICABLE.
- 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.
- 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.
- 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 AS DIRECTED BY THE ENGINEER.
- 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, THE RECOMMENDED REPAIRS SHALL BE COMPLETED AT NO COST TO THE STATE.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER.

EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

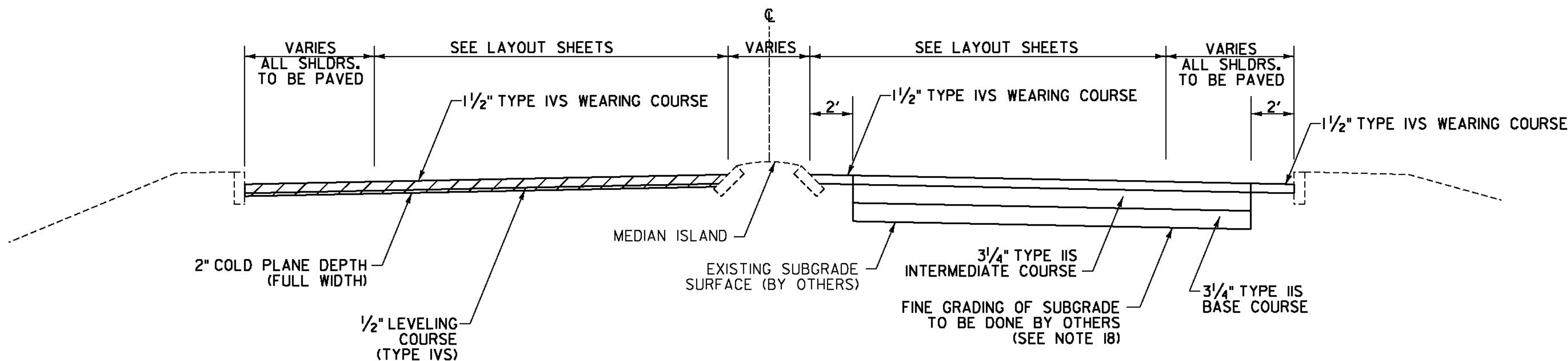
MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.40 SUBBASE, RAP AS DIRECTED BY THE ENGINEER.

EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
- COLD PLANE SURFACES WITHIN THE COLD PLANE AND PAVE SECTION 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. PAYMENT WILL BE UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) (SEE DETAIL ON SHEET 7). COLD PLANED SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ.YD. OF CRS-IH OR RS-IH. PAYMENT WILL BE UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH).
- THE CONTRACTOR CONSTRUCTING THE SRF LOAN RFI-168 CSO ELIMINATION PROJECT WILL BE RECONSTRUCTING PORTIONS OF THE ROADWAY UP TO AND INCLUDING SUBGRADE AND/OR SOME PAVEMENT AS NOTED ON SHEETS 4 AND 5. IN THE LOCATIONS WHERE THE ROADWAY IS CONSTRUCTED ONLY UP TO SUBGRADE, THE FINE GRADING OF THAT SUBGRADE SHALL BE INCLUDED IN THE WORK BY OTHERS. THE CONTRACTOR FOR THE STP 2936(I) PROJECT SHALL COORDINATE WITH THE OTHER CONTRACTOR TO ENSURE THE FINE GRADING IS COMPLETED AT THE APPROPRIATE TIME PRIOR TO THE PLACEMENT OF THE PAVEMENT BASE COURSE.
- PRIOR TO THE REMOVAL OF THE EXISTING PARKING METERS, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH ST. JOHNSBURY POLICE CHIEF CLEMENT HOUE AT 802-748-2314. THE CONTRACTOR SHALL ALLOW AT LEAST TWO BUSINESS DAYS FOR THE TOWN TO REMOVE THE METER MECHANISM AND MONEY OUT OF THE METER HOUSINGS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL, SAFE STORAGE AND REINSTALLATION OF THE METER HOUSINGS ON NEW POSTS.



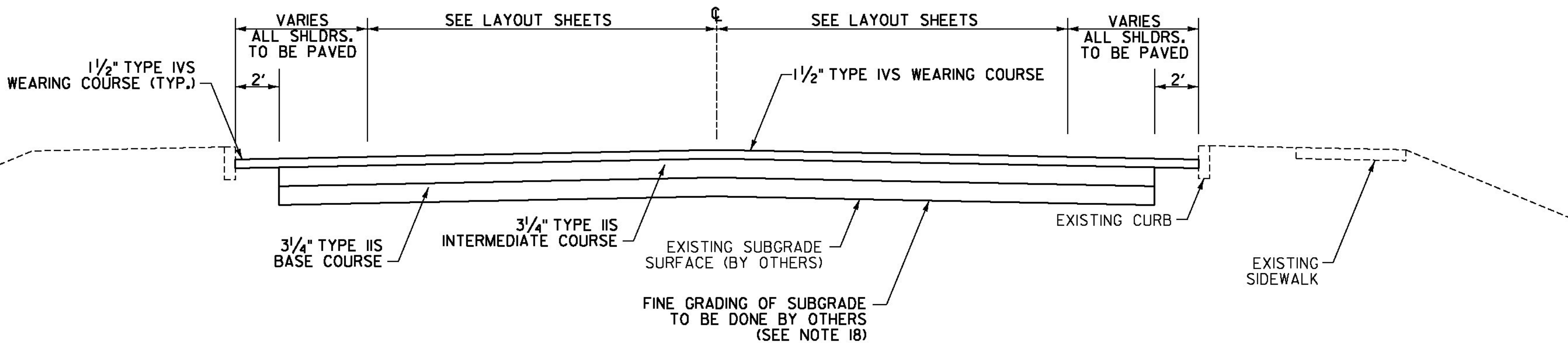
COLD PLANE TYPICAL SECTION - CURBED W/MEDIAN ISLAND

ST. JOHNSBURY U.S. ROUTE 2 STA. 141+50.40 TO 147+25
ST. JOHNSBURY U.S. ROUTE 5 STA. 70+59.36 TO 72+28



TYPICAL SECTION - CURBED W/MEDIAN ISLAND

ST. JOHNSBURY U.S. ROUTE 2 STA. 147+25 TO 150+90



TYPICAL SECTION - CURBED

ST. JOHNSBURY U.S. ROUTE 2 STA. 150+90 TO 168+13

NOT TO SCALE



PROJECT
TYPICAL
SECTION
SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 4 OF 250