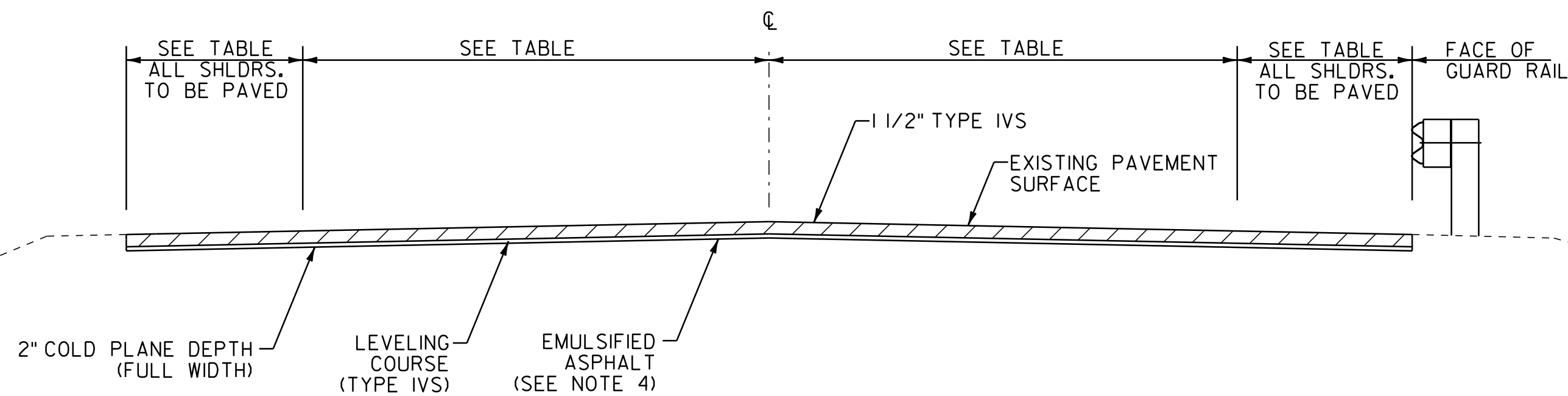


**COLD PLANE TYPICAL SECTION - CURBED**

ALT. U.S. ROUTE 5 NEWPORT CITY STA. 58+02 TO 67+21.39

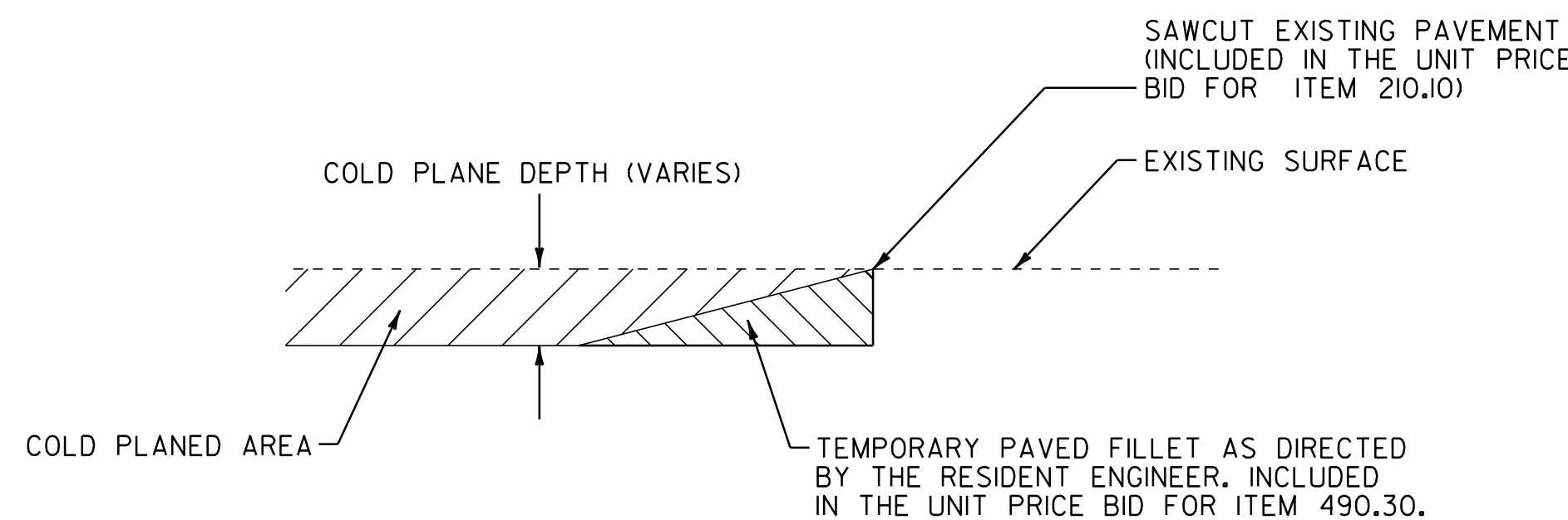


**COLD PLANE TYPICAL SECTION - UNCURBED**

ALT. U.S. ROUTE 5 NEWPORT CITY STA. 0+23.15 TO 58+02

**PROJECT PAVING LIMITS**

| TOWN & ROUTE                   | BEGIN STATION | END STATION | LANE TYPICAL                    | WEARING DEPTH | LEVELING DEPTH | NOTES  |
|--------------------------------|---------------|-------------|---------------------------------|---------------|----------------|--|
| NEWPORT CITY ALT. U.S. ROUTE 5 | 0+23.15       | 5+00.00     | VARIABLES - SEE LAYOUT SHEETS   | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 5+00.00       | 29+50.00    | 1'-0" - 11'-0" - 11'-0" - 1'-0" | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 29+50.00      | 30+00.00    | VARIABLES - SEE LAYOUT SHEETS   | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 30+00.00      | 34+50.00    | 1'-0" - 11'-0" - 11'-0" - 2'-0" | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 34+50.00      | 35+00.00    | VARIABLES - SEE LAYOUT SHEETS   | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 35+00.00      | 40+00.00    | 2'-0" - 11'-0" - 11'-0" - 2'-0" | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 40+00.00      | 41+00.00    | VARIABLES - SEE LAYOUT SHEETS   | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 41+00.00      | 52+08.00    | 1'-0" - 11'-0" - 11'-0" - 1'-0" | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |
| NEWPORT CITY ALT. U.S. ROUTE 5 | 52+08.00      | 67+21.39    | VARIABLES - SEE LAYOUT SHEETS   | 1 1/2"        | 1/2"           | COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS. |



**DETAIL AT VERTICAL COLD PLANE JOINTS**

NOTE: THIS DETAIL SHALL BE USED FOR THE SIDE ROADS LISTED BELOW AND AT ALL DRIVES AS DIRECTED BY THE RESIDENT ENGINEER.

**FULL ROADWAY WIDTH**  
 STA. 0+23.15 (BEGIN PROJECT)  
 STA. 51+34, LT (SECOND ST.)  
 STA. 59+06, LT (EASTERN AVE.)  
 STA. 67+21.39 (END PROJECT)

**NOTES**

- 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 RESIDENT ENGINEER.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT 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)
- EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 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 BELOW.
- ALL PUBLIC, PRIVATE OR FIELD DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. 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 RESIDENT 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 III 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 CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415, AND 604.418 FOR ESTIMATING PURPOSES.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT. PAYMENT FOR CONNECTING NEW STEEL BEAM GUARDRAIL TO EXISTING STEEL BEAM GUARDRAIL WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED.

**SEEDING FORMULA**

RATE: DOUBLE IF HYDROSEEDING

| % WT. | LBS./A. | NAME                | PUR % | GERM % |
|-------|---------|---------------------|-------|--------|
| 38    | 32      | CREeping RED FESCUE | 98    | 90     |
| 29    | 24      | SPARTAN HARD FESCUE | 95    | 85     |
| 15    | 12      | AZAY SHEEP'S FESCUE | 95    | 87     |
| 15    | 12      | ANNUAL RYE GRASS    | 95    | 90     |
| 3     | --      | INERTS              | --    | --     |
| 100.0 | 80 LB/A |                     |       |        |

**NOTES**

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)
- AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- GRADES LESS THAN 1 PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1 AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE 1 AS DIRECTED BY THE RESIDENT ENGINEER.
- PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGHOUT THE PROJECT, SHALL BE PERFORMED AT LOCATIONS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

NOT TO SCALE

**PROJECT TYPICAL SHEET**

PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2719(1)

FILE NAME: 07D202.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: MCF  
 IPARM FILE: 07D202\_07.1

PLOT DATE: 29-JAN-2013 09:2  
 DRAWN BY: STANTEC  
 CHECKED BY: JLL  
 SHEET 7 OF 62