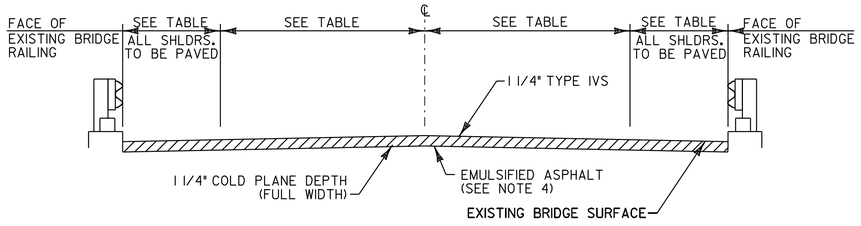
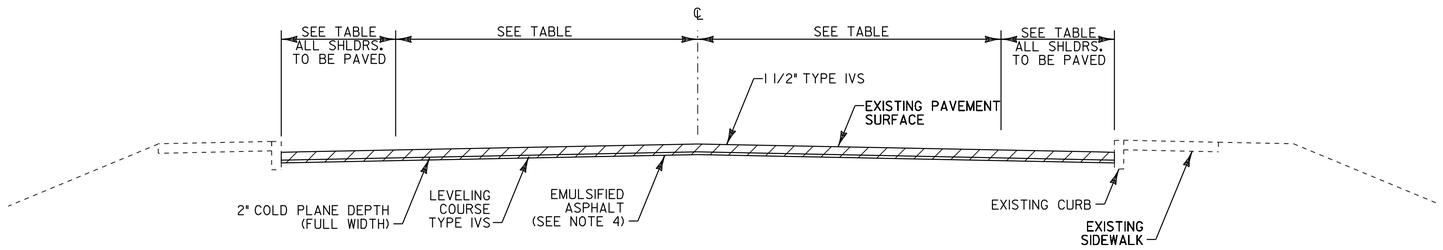


COLD PLANE TYPICAL SECTION – BRIDGE NO. 5

STA. 81+16 TO 81+40



COLD PLANE TYPICAL SECTION – CURBED

STA. 0+00 TO 81+16
STA. 81+40 TO 89+43.5

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
BARRE CITY, U.S. ROUTE 302	0+00.0	17+00.0	6.5' - 12' - 12' - 6.5'	1 1/2"	194	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY
						WITH 1 1/2" TYPE IVS
BARRE CITY, U.S. ROUTE 302	17+00.0	20+00.0	VARIES - SEE LAYOUT SHEETS	1 1/2"	35	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY
						WITH 1 1/2" TYPE IVS
BARRE CITY, U.S. ROUTE 302	20+00.0	35+05.0	8.0' - 12' - 12' - 8.0'	1 1/2"	180	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY
						WITH 1 1/2" TYPE IVS
BARRE CITY, U.S. ROUTE 302	35+05.0	89+43.5	VARIES - SEE LAYOUT SHEETS	1 1/2"	681	COLD PLANE 2", LEVEL WITH TYPE IVS, THEN OVERLAY
						WITH 1 1/2" TYPE IVS

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE 65 GYRATION 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. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.

2. 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 ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +1/4". (TOTAL THICKNESS EXCLUDING LEVELING)

4. 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 ENGINEER.

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 BUTT JOINT. SEE DETAIL ON SHEET 3. IF COLD PLANING 2" SHOULD EXPOSE CONCRETE, ANY JOINTS LARGER THAN 1" SHALL BE CLEANED OUT AND FILLED WITH TYPE VS. ANY AREAS THAT EXPOSE SUBBASE SHALL BE CLEANED TO A DEPTH OF 2" AND PATCHED WITH TYPE IIIS AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITIES OF CONTRACT ITEM 490.30 HAVE BEEN INCLUDED FOR THESE SITUATIONS.

6. ALTHOUGH THERE ARE 71 STRUCTURE ADJUSTMENTS QUANTIFIED FOR THIS PROJECT, IT SHOULD BE NOTED THAT SOME OF THESE MAY BE ELIMINATED AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE BARRE CITY DEPARTMENT OF PUBLIC WORKS.

7. BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS AROUND SEWER MANHOLES AND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).

8. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.

9. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE ARMOR-TILE SURFACE APPLIED TRUNCATED DOME SURFACES BY ENGINEERED PLASTICS, INC., COLOR YELLOW, FROM THE AGENCY'S APPROVED PRODUCT LIST.

URBAN AREAS – SEED MIXTURE

% WT	LBS/A	NAME	PUR %	GERM %
42.5	34	CREEPING RED FESCUE	98	85
10.0	8	PERENNIAL RYE GRASS	95	90
42.5	34	KENTUCKY BLUE GRASS	85	85
0	4	ANNUAL RYE GRASS	95	85
100	80			

SEED MIXTURE:
SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER:
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:
TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TEMPORARY EROSION MATTING (ITEM 653.20):
TO BE PLACED ON EARTH SLOPES AS DIRECTED BY THE ENGINEER.

TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

Stantec

PROJECT TYPICAL SHEET

PROJECT NAME: BARRE CITY
PROJECT NUMBER: STP 2801(I)S

FILE NAME: p08d022.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p08d022pt.i

PLOT DATE: 14-APR-2010
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 2 OF 19