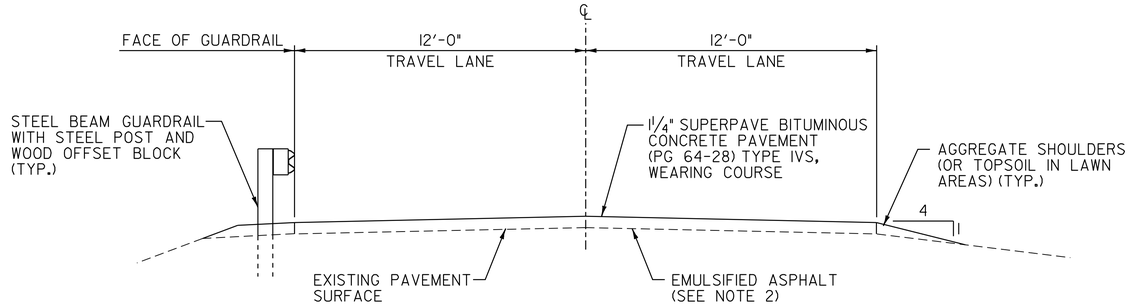
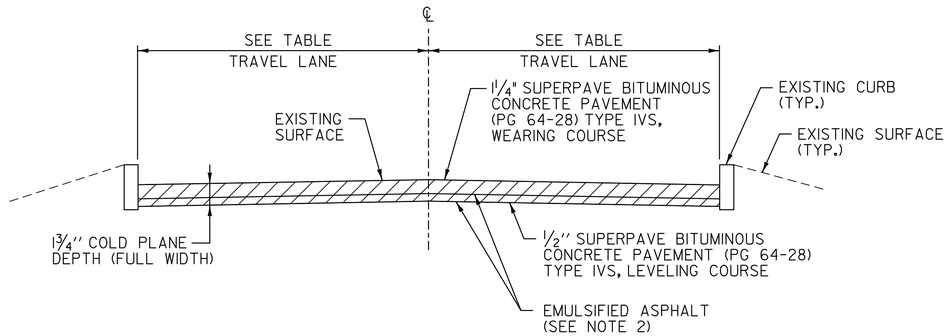


MAINLINE TYPICAL SECTION

HISTORIC VT. ROUTE 7A STA. 127+19.52 TO HISTORIC VT. ROUTE 7A STA. 184+00.00



COLD PLANE TYPICAL SECTION

HISTORIC VT. ROUTE 7A STA. 184+00.00 TO HISTORIC VT. ROUTE 7A STA. 195+00.00
HISTORIC VT. ROUTE 7A STA. 231+00.00 TO HISTORIC VT. ROUTE 7A STA. 269+54.00
VT. ROUTE 30 STA. 0+00.00 TO VT. ROUTE 30 STA. 16+52.64

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
MANCHESTER						
HISTORIC VT. ROUTE 7A	127+19.52	184+00.00	12'-0" - 12'-0"	1 1/4"	-	PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	184+00.00	195+00.00	VARIES - SEE LAYOUT	1 1/4"	50	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	195+00.00	231+00.00	12'-0" - 12'-0"	1 1/4"	-	PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	231+00.00	239+00.00	VARIES - SEE LAYOUT	1 1/4"	66	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	239+00.00	253+40.00	12'-0" - 12'-0"	1 1/4"	117	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	253+40.00	254+95.00	VARIES - SEE LAYOUT	1 1/4"	15	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	254+95.00	255+30.00	VARIES - SEE LAYOUT	1 1/4"	-	BR 39 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	255+30.00	281+84.64	VARIES - SEE LAYOUT	1 1/4"	384	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 11	0+00.00	2+04.00	VARIES - SEE LAYOUT	1 1/4"	30	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 11	2+04.00	12+25.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	143	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 11	12+25.00	12+65.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	-	BR 2 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
VT. ROUTE 11	12+65.00	21+87.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	130	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 11	21+87.00	29+67.36	2'-0" - 12'-0" - 11'-0" - 12'-0" - 2'-0"	1 1/4"	116	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
				1 1/4"		
VT. ROUTE 30	0+00.00	1+85.00	VARIES - SEE LAYOUT	1 1/4"	24	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	1+85.00	8+50.00	13'-0" - 13'-0"	1 1/4"	87	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	8+50.00	15+90.00	VARIES - SEE LAYOUT	1 1/4"	74	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	15+90.00	16+25.00	1'-0" - 10'-0" - 10'-0" - 1'-0"	1 1/4"	-	BR 53 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
VT. ROUTE 30	16+25.00	16+52.64	VARIES - SEE LAYOUT	1 1/4"	2	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE (PG 64-28).
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL 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.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
5. BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS AND AROUND DROP INLETS, ETC.) SHALL BE PAID FOR AT THE CONTRACT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONRETE PAVEMENT (PG 64-28).
6. EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL, RAP AND 25 CUBIC YARDS OF EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
7. ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL DRIVEWAYS LOCATED IN AREAS THAT HAVE SIDEWALK SHALL BE PAVED TO THE EXISTING EDGE OF SIDEWALK AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
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 OR GRADER RENTAL. 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. 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.
10. THE CONTRACTOR SHALL CONSTRUCT DRAINAGE SWALES ALONG THE EDGES OF PAVEMENT IN AREAS WHERE THE EXISTING GROUND IS SIGNIFICANTLY HIGHER OR LOWER THAN THE EXISTING PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER. ESTIMATED QUANTITIES OF ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I; ITEM 651.35 TOPSOIL; ITEM 651.15 SEED; ITEM 653.20 TEMPORARY EROSION MATTING HAVE BEEN INCLUDED FOR THE CONSTRUCTION OF THE SWALES.

SEEDING FORMULA URBAN AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREEPING RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	80.0			

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 RESIDENT 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 RESIDENT ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT TYPICAL SHEET #1

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99c158ptyl.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 3 OF 68