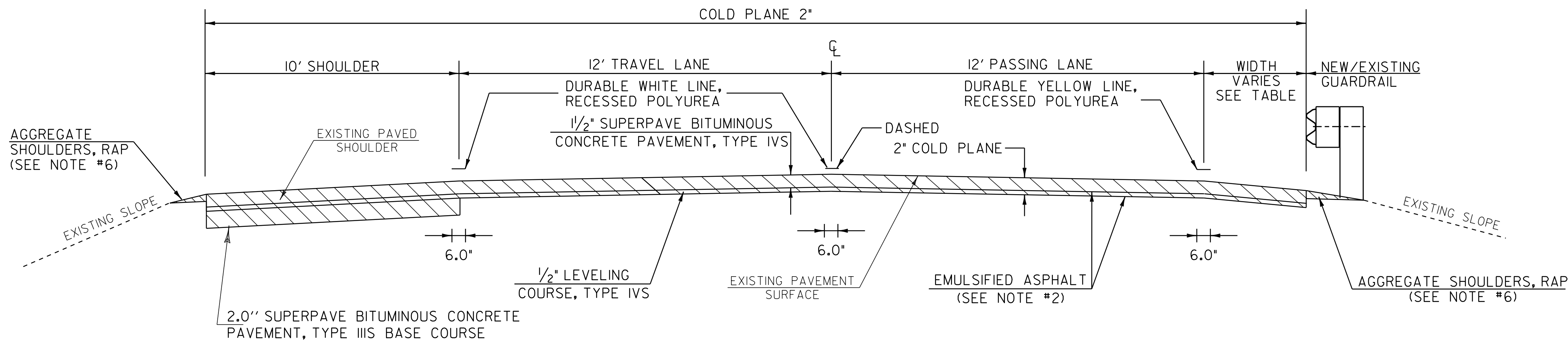


MAINLINE TYPICAL SECTION - NB

LOCATION
 NB M. M. ~~105.025~~ TO M. M. ~~110.600~~
 105.018 110.587



MAINLINE TYPICAL SECTION - SB

LOCATION
 SB M. M. 104.955 TO M. M. 110.600

"BUILT AS DESIGNED"

PROJECT PAVING LIMITS

TOWN	BEGIN M.M.	END M.M.	LEFT SHOULDER	LANE TYPICAL	RIGHT SHOULDER	WEARING DEPTH	LEVELING	NOTES
1-91 NB	105.018							
NEWBURY	M.M. 105.025	M.M. 105.870	4'	12-12	10'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
	M.M. 105.870	M.M. 105.887	4'	12-12	10'	1 1/4" IVS		BRIDGE 64-N--NO WORK REQUIRED
	M.M. 105.887	M.M. 110.600 110.587	4'	12-12	10'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
1-91 SB	M.M. 104.955	M.M. 105.855	10'	12-12	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
NEWBURY	M.M. 105.855	M.M. 105.878	10'	12-12	4'	1 1/4" IVS		BRIDGE 64-S--NO WORK REQUIRED
	M.M. 105.878	M.M. 110.600	10'	12-12	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
NB OFF RAMP (A)	MM 0.000	MM 0.190	4'	16'	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
NB ON RAMP (B)	MM 0.000	MM 0.275	4'	16'	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
SB OFF RAMP (C)	MM 0.000	MM 0.254	4'	16'	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"
SB ON RAMP (D)	MM 0.000	MM 0.322	4'	16'	4'	1 1/2" IVS	1/2"	COLD PLANE 2", LEVEL 1/2" AND OVERLAY 1 1/2"

SEEDING FORMULA - RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEEDING NOTES

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.

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

GENERAL NOTES

- COLD PLANE MAINLINE AND RAMPS FULL WIDTH 2", LEVEL FULL WIDTH WITH TYPE IVS, PAVE MAINLINE FULL WIDTH WITH 1 1/2" TYPE IVS. EXCAVATE 10' SHOULDERS AN ADDITIONAL 2", PAVE WITH 2" TYPE IIIS. PAVE U-TURNS 1 1/2" WITH TYPE IVS. PAVING SHALL BE COMPLETED AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" ± (TOTAL THICKNESS EXCLUDING LEVELING COURSE).
- COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL SECTION OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL RAMP APPROACHES AS NOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.I3, AGGREGATE SHOULDERS, RAP.
- COMPACTION, GRADING AND CLEAN UP ITEM 402.I3, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- AREAS ADJACENT TO THE SHOULDER, WHERE GUARDRAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED TO ALLOW THE SHOULDER TO DRAIN. PAYMENT IS TO BE INCLUDED UNDER ITEM 203.40, SHOULDER BERM REMOVAL.
- AN ESTIMATED QUANTITY OF ITEM 619.I7 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE, AS DIRECTED BY THE RESIDENT ENGINEER.
- TEMPORARY EROSION MATTING SHALL BE USED TO COVER ALL AREAS OF DISTURBED EARTH.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS TO BE USED ON THIS PROJECT. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE ACHIEVED, THEN 8' POSTS SHALL BE USED.

PROJECT TYPICAL SHEET 1

PROJECT NAME: NEWBURY
 PROJECT NUMBER: IM 091-2 (77)

FILE NAME: p07al46.dgn PLOT DATE: 25-OCT-2011 4:21
 PROJECT LEADER: PVMT. MGMT. DRAWN BY: MRS
 DESIGNED BY: JLR/LSW CHECKED BY: PVMT. MGMT.
 IPARM FILE NAME: p07al46p1.i SHEET 3 OF 20

NOT TO SCALE