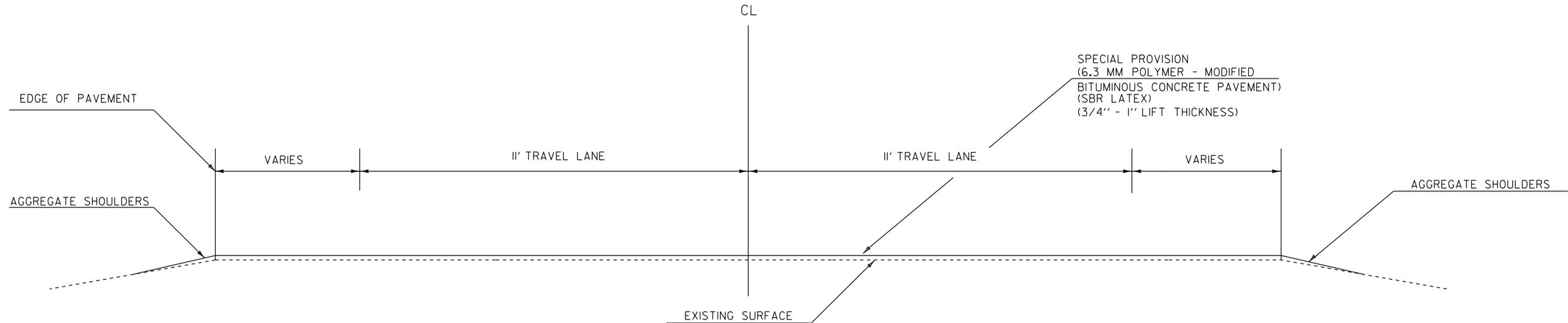


ALTERNATE B



TYPICAL SECTION

US 302 MM 0.000 (BARRE TOWN) – MM 6.050 (ORANGE)

STA. 0+00.000 - STA. 131+68.320 (BARRE TOWN)
STA. 137+70.204 (BARRE TOWN) - STA. 319+44.000 (ORANGE)

US 302 MM 6.987 (GROTON) – MM 1.304 (RYEGATE)

STA. 368+91.360 - STA. 68+85.120

NOT TO SCALE

NOTES:

1. IT IS EXPECTED THAT SOME SPOT LEVELING WILL BE NECESSARY AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE PLACEMENT OF THE WEARING COURSE. AN ESTIMATED QUANTITY OF ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) AND ITEM 404.65 EMULSIFIED ASPHALT HAS BEEN INCLUDED FOR THIS PURPOSE.

2. IF IT IS DETERMINED IN AREAS ALONG THE BASE OF GUARDRAIL WHERE WINTER SAND AND OTHER DEBRIS HAS ACCUMULATED SUFFICIENTLY TO AFFECT PROPER PLACEMENT OF LEVELING OR WEARING COURSES, THIS MATERIAL SHALL BE REMOVED PRIOR TO PAVING AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED TO COVER THE COSTS ASSOCIATED WITH THIS WORK.

3. A 50' COLD PLANED WEDGE SHALL BE CONSTRUCTED AT THE PROJECT BEGIN AND END. THE LONGITUDINAL EDGES OF THE SURFACE TREATMENT SHALL BE TAPERED AS DIRECTED BY THE RESIDENT ENGINEER. THE COLD PLANE LIMIT FOR TOWN HIGHWAYS WILL BE UP TO OR SLIGHTLY OFFSET FROM THE EXISTING STOP BARS OR AS DIRECTED BY THE ENGINEER. THE COLD PLANE LIMIT FOR DRIVES SHALL BE 2 FEET FROM THE EXISTING EDGE OF PAVEMENT OR AS DIRECTED BY THE ENGINEER.

4. FOLLOWING COMPLETION OF COLD PLANING, THE MILLED SURFACE FOR ALL BRIDGES SHALL ALSO RECEIVE CRACK SEALING AND RELATED PATCHING AND POT HOLE REPAIR TREATMENTS AS DIRECTED BY THE RESIDENT ENGINEER.

5. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POT HOLE REPAIR, AND CRACK SEALING SHALL BE PERFORMED PRIOR TO APPLICATION OF ANY SPOT LEVELING OR PLACEMENT OF THE WEARING COURSE. ALL CRACKS GREATER THAN 0.10 INCH AND UP TO 1.0 INCH IN WIDTH SHALL BE SEALED USING THE "BLOW AND GO" METHOD. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE PAID FOR UNDER ITEM 417.20 BITUMINOUS CRACK SEALING, "BLOW AND GO" METHOD. STRIKE OFF OF EXCESS MATERIAL MAY BE ACCOMPLISHED WITH A SQUEEGEE.

ALL CRACKS GREATER THAN 1.0 INCH, POT HOLES, AND ALL OTHER AREAS REQUIRING PATCHING SHALL BE REPAIRED WITH BITUMINOUS CONCRETE PAVEMENT TYPE IV OR TYPE V, OR SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS OR TYPE VS, AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY OF ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) HAS BEEN INCLUDED TO COVER ALL COSTS ASSOCIATED WITH THIS WORK.

6. PRIOR TO THE PLACEMENT OF THE WEARING COURSE, EMULSIFIED ASPHALT SHALL BE APPLIED TO ALL EXISTING PAVEMENT SURFACES AND ON ALL COLD PLANED SURFACES AT A RATE OF 0.080 GAL/SY (+/- 0.01 GAL/SY) OR AS DIRECTED BY THE RESIDENT ENGINEER. EMULSIFIED ASPHALT SHALL BE RS-1H OR CRS-1H PER THE MANUFACTURER'S RECOMMENDATION. THIS SHALL BE PAID

7. THE GYRATION SPECIFICATION FOR THE SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT) SHALL BE 75.

8. BRIDGES WITHIN THE PROJECT ARE:

- BRIDGE NUMBER 8, MM 0.845 (BARRE TOWN) 13.5' X 6.8' CONCRETE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 9, MM 1.020 (BARRE TOWN) COMP. WF BEAM (COLD PLANE 3/4" THEN PAVE WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 10, MM 1.315 (BARRE TOWN) 4' X 2' CONCRETE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 11, MM 1.389 (BARRE TOWN) 4' X 3' STONE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 12, MM 1.652 (BARRE TOWN) 4' X 4' CONCRETE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 13, MM 1.867 (BARRE TOWN) 54" A.C.G.M.P. (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 14, MM 2.126 (BARRE TOWN) WF BEAM CONC. (COLD PLANE 3/4" THEN PAVE WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 14A, MM 3.325 (BARRE TOWN) 60" A.C.G.M.P. (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 15, MM 0.446 (ORANGE) CONC. T BEAM (COLD PLANE 3/4" THEN PAVE WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 16, MM 2.438 (ORANGE) 12' X 6.5' CONCRETE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 17, MM 4.235 (ORANGE) 9'-6" X 6'-5" C.G.M.P.P.A. (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 18, MM 5.222 (ORANGE) 10'-8" X 6'-11" C.G.M.P.P.A. (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 19, MM 5.315 (ORANGE) 10'-8" X 6'-11" C.G.M.P.P.A. (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 20, MM 5.447 (ORANGE) CONCRETE SLAB (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 21, MM 5.981 (ORANGE) C.G. MULTIPLE ARCH (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 38, MM 7.356 (GROTON) 4.5' X 6' CONCRETE BOX (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))
- BRIDGE NUMBER 39, MM 0.027 (RYEGATE) 12'-10" X 8'-4" C.G.M.P.P. ARCH (OVERLAY WITH SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT))

9. ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO APPLYING THE SPECIAL PROVISION (6.3 MM POLYMER - MODIFIED BITUMINOUS CONCRETE PAVEMENT). PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO ANY CRACK SEALING BEING PERFORMED. ALL LANE DELINEATION IS TO BE MAINTAINED DURING CONSTRUCTION BY THE USE OF LINE STRIPING TARGETS OR TEMPORARY PAINT.

EDGE OF PAVEMENT (SHOULDER)

2'

COLD PLANE
LIMIT

EDGE OF PAVEMENT (DRIVE)

DRIVE

**COMPOSITE
TYPICAL SECTION
ALTERNATE B**

PROJECT NAME: BARRE TOWN - ORANGE/GROTON - RYEGATE
PROJECT NUMBER: STP SURF(15)/STP SURF(16)

FILE NAME: p09b038.dgn
PROJECT LEADER: MARSHIA
DESIGNED BY: LOCKE
p09b038typ2.i

PLOT DATE: 10-NOV-2011
DRAWN BY: LOCKE
CHECKED BY: PAVT MGMT
SHEET 4 OF 24