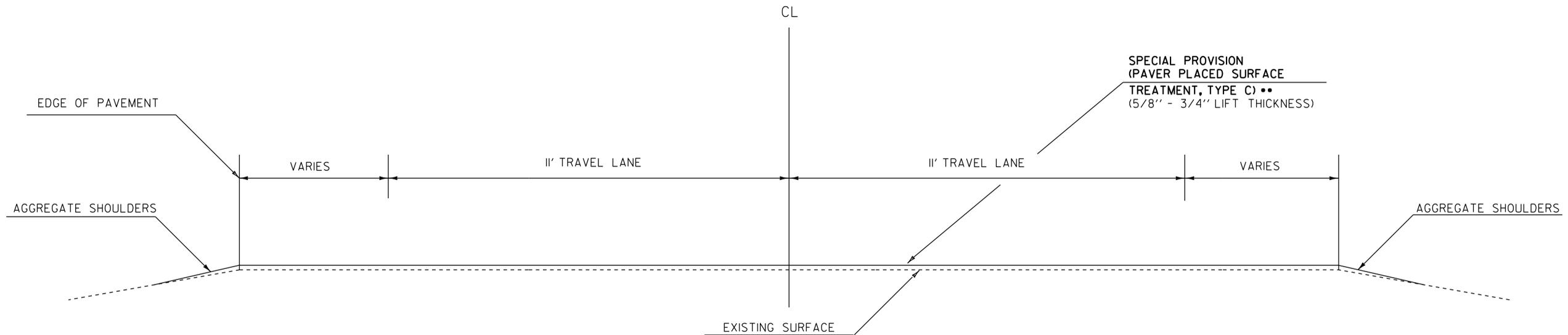


# ALTERNATE A



## 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.

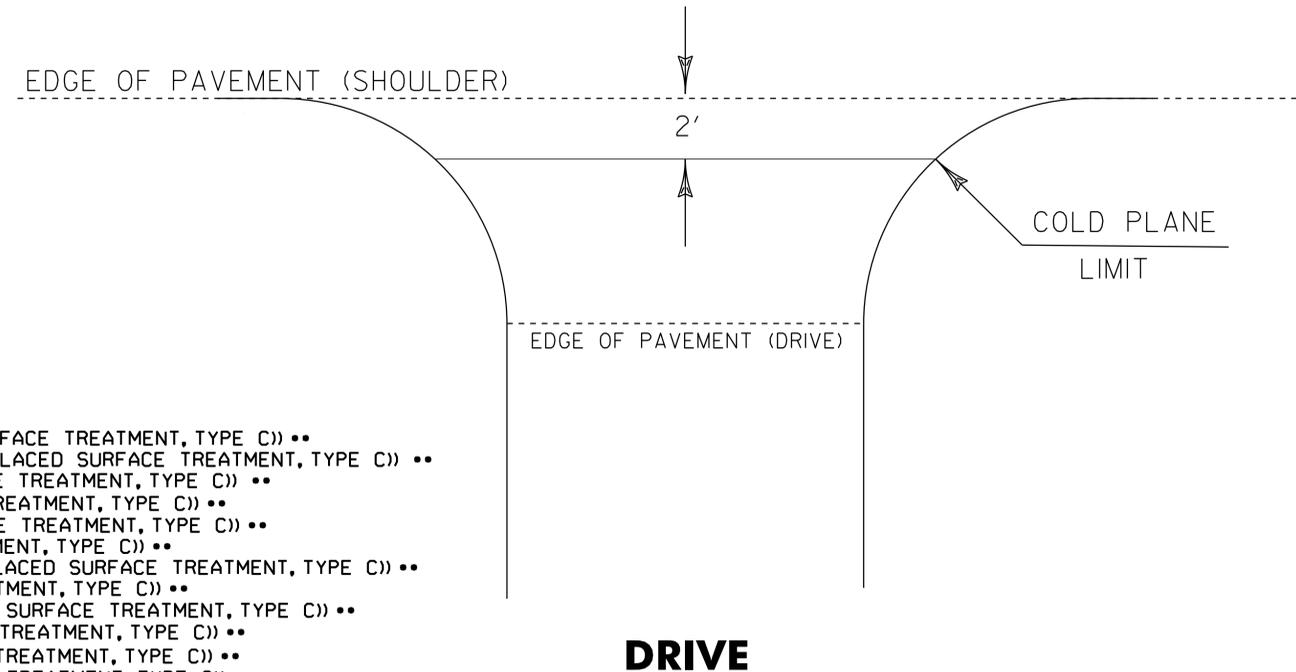
4. FOLLOWING COMPLETION OF COLD PLANING, THE MILLED SURFACE FOR ALL BRIDGES SHALL ALSO RECEIVE CRACK SEALING AND RELATED PATCHING AND POT HOLE REPAIR TREATMENTS AS DIRECTED BY THE RESIDENT ENGINEER.

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

7. ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO APPLYING THE PAVER PLACED SURFACE TREATMENT. 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.

8. FOR ESTIMATING PURPOSES, A TARGET APPLICATION RATE OF 0.25 GAL/SY WAS USED FOR THE POLYMER MODIFIED ASPHALT EMULSION PRIMER (TACK) COAT. ACTUAL YIELD SHALL BE CHECKED FOR EACH DAY'S PRODUCTION OF PAVER PLACED SURFACE TREATMENT PLACEMENT. ACTUAL YIELD SHALL VARY BY NO MORE THAN +/- 0.05 GAL/SY ON A DAILY BASIS. IF THE APPLICATION RATE IS LESS THAN 0.25 GAL/SY FOR TWO CONSECUTIVE DAYS THE CONTRACTOR SHALL TAKE CORRECTIVE ACTION AS DIRECTED BY THE RESIDENT ENGINEER.



\*\* REVISED 01-29-10 BY KML  
CHANGED (PAVER PLACED SURFACE TREATMENT, TYPE B) TO (PAVER PLACED SURFACE TREATMENT, TYPE C)

## COMPOSITE TYPICAL SECTION ALTERNATE A

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  
p09b038+yp1.i

PLOT DATE: 10-NOV-2011  
DRAWN BY: LOCKE  
CHECKED BY: PAVT MGMT  
SHEET 3 OF 24