

WORK TO BE DONE

THE INTENTION OF THIS TRAFFIC MAINTENANCE PLAN IS TO PROVIDE THE CONTRACTOR WITH A LOGICAL, SUCCESSIVE PLAN THAT DEMONSTRATES HOW TO CONSTRUCT THE PROJECT AND MAINTAIN TRAFFIC FLOW ALONG THE ENTIRE PROJECT CORRIDOR.

THE CONTRACTOR SHALL PROVIDE ADDITIONAL PLAN AND PROJECT SEQUENCING, WHICH SHALL BE APPROVED BY THE ENGINEER. THIS WILL BE THE CASE, SPECIFICALLY, BUT NOT LIMITED TO BROOK CROSSINGS AND INTERSECTIONS.

THE CONTRACTOR IS ENCOURAGED TO CONCENTRATE CONSTRUCTION EFFORTS ALONG LOGICAL SEGMENTS OF THE PROJECT AND COMPLETE ALL STAGES OF THE PLAN IN ONE AREA PRIOR TO BEGINNING WORK IN OTHER AREA.

PHASE 1

1. CONSTRUCT THE BARTLETT BROOK CULVERTS (STA. 391+20 +/- AND 398+30 +/-)
2. CONSTRUCT THE NEW JUGHANDLE UP THROUGH BASE COURSE PRIOR TO BEGINNING OTHER CONSTRUCTION ACTIVITIES ALONG ROUTE 7.
3. REPAIR ANY DAMAGED AREAS ON THE RIGHT SHOULDER ADJACENT TO SOUTHBOUND TRAFFIC FROM STA. 372+15+/- TO 428+00+/-, AS DIRECTED BY THE ENGINEER. USE FLAGGED CONSTRUCTION.
4. CONSTRUCT THE WEST SIDE ROUTE 7 IMPROVEMENTS UP THROUGH THE SUBBASE, INCLUDING INTERSECTING ROADS. PAVE WITH TEMPORARY PAVEMENT.
5. CONSTRUCT TEMPORARY PAVEMENT SIDEWALK (ITEM 618.15 (MOD)) ON WEST SIDE OF U.S ROUTE 7 BETWEEN STA. 372+15+/- AND STA. 428+00+/-.
6. USE FLAGGED CONSTRUCTION WHEN NECESSARY FOR SHORT DURATION WORK ADJACENT TO INTERSECTING ROADS.
7. RESTRIPE EXISTING PAVEMENT MARKINGS AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR MAY WITH THE PERMISSION OF THE ENGINEER, LIMIT ACCESS TO SOME RESIDENTS AND BUSINESSES ONTO ROUTE 7 IF THEY HAVE ALTERNATE ACCESS TO SIDE ROAD ENTRANCE.
9. CONSTRUCT ALL PIPES CROSSING ROUTE 7 BETWEEN STATIONS.
10. CONSTRUCT THE WEST SIDE DRAINAGE SYSTEM.
11. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE VARIOUS UTILITY COMPANIES FOR LAYOUT, REMOVAL, RELOCATION, AND NEW INSTALLATIONS.
12. EXISTING TRAFFIC SIGNALS MAY REQUIRE TEMPORARY RELOCATION TO FIT THE NEW TRAFFIC SCHEME IN PHASE 2. THIS MAY REQUIRE ERECTION OF TEMPORARY WOODEN POLES, INSTALLING CONDUIT, OR REALIGNMENT OF TRAFFIC SIGNAL HEADS.

PHASE 2

1. SHIFT ROUTE 7 TRAFFIC ONTO LANES ESTABLISHED IN PHASE 1. REFER TO PLANS FOR PAVEMENT MARKINGS AND LANE WIDTHS. ONE TRAVEL LANE SHALL BE MAINTAINED IN THE NORTHBOUND DIRECTION AT ALL TIMES. TWO TRAVEL LANES SHALL BE MAINTAINED IN THE SOUTHBOUND DIRECTION.
2. CONSTRUCT THE EAST SIDE ROUTE 7 IMPROVEMENTS UP THROUGH THE SUBBASE, INCLUDING INTERSECTING ROADS. PAVE WITH TEMPORARY PAVEMENT.
3. CONSTRUCT PERMANENT DRAINAGE STRUCTURES AND PIPING ON THE EAST SIDE OF ROUTE 7. DRAINAGE STRUCTURES SHOULD BE SET WITH THE TOP OF GRATE ELEVATION MATCHING THE TOP OF THE BASE COURSE OF PAVEMENT. FINAL ADJUSTMENT TO BE COMPLETED AFTER TOP COURSE OF PAVEMENT IS PLACED. THE CONTRACTOR MUST COMPLETE ANY NEW DRAINAGE UNTIL IT OUTLETS.
4. INSTALL PERMANENT TRAFFIC SIGNAL POLES, CONDUIT AND PULLBOXES LOCATED ON THE EAST SIDE OF ROUTE 7. EXISTING SIGNAL SYSTEM SHALL BE MAINTAINED UNTIL NEW SYSTEM IS OPERATIONAL.
5. ACCESS TO PROPERTIES ON WEST SIDE OF ROUTE 7 SHALL BE MAINTAINED BY PROVIDING TEMPORARY PAVEMENT TO EXISTING DRIVEWAYS.
6. AT SIDE ROAD INTERSECTIONS, A TEMPORARY PAVED CONNECTION FROM THE NEWLY CONSTRUCTED ROAD TO THE EXISTING OPERATING TRAVEL LANES SHALL BE PROVIDED TO MAINTAIN PASSENGER AND TRUCK TRAFFIC AT ALL TIMES.
7. PLACE TEMPORARY STRIPING, TRAFFIC CONTROL DEVICES, AND SIGNING ON THE NEWLY CONSTRUCTED PORTION OF ROADWAY.

PHASE 3

1. SHIFT ROUTE 7 TRAFFIC ONTO NEW PAVEMENT SECTION ESTABLISHED IN PHASE 2 FROM STA. 372+15 TO 429+00. REFER TO PLANS FOR PAVEMENT MARKINGS AND LANE WIDTHS. ONE TRAVEL LANE SHALL BE MAINTAINED IN THE NORTHBOUND DIRECTION AT ALL TIMES. TWO TRAVEL LANES SHALL BE MAINTAINED IN THE SOUTHBOUND DIRECTION.
2. CONSTRUCT THE WEST SIDE ROUTE 7 IMPROVEMENTS (NOT ALREADY COMPLETED) UP THROUGH THE BASE COURSE OF PAVEMENT, INCLUDING INTERSECTING ROADS.
3. INSTALL PERMANENT TRAFFIC SIGNAL POLES, CONDUIT AND PULLBOXES ON THE WEST SIDE OF ROUTE 7.
4. PLACE TEMPORARY STRIPING, TRAFFIC CONTROL DEVICES, AND SIGNING ON NEWLY CONSTRUCTED PORTION OF ROADWAY STA. 376+20 TO 429+00+/-.
5. COMPLETE REMAINDER OF NEW SIGNAL SYSTEM. IF THERE IS A DELAY BETWEEN NEW SIGNALS AND COMPLETION OF INTERCONNECT CABLE, TIME-BASED COORDINATION SHOULD BE USED FOR SIGNAL PROGRESSION.

PHASE 4

1. CONSTRUCT THE CENTER MEDIAN. NEW SIGNALS MUST BE OPERATIONAL PRIOR TO CONSTRUCTING MEDIAN. INSTALL THE REMAINDER OF GRAVEL, GRANITE SLOPE EDGING, CONCRETE, AND TOPSOIL IN MEDIAN AREAS.
2. ACCESS TO PROPERTIES ON EAST SIDE OF ROUTE 7 SHALL BE MAINTAINED BY PROVIDING TEMPORARY PAVEMENT AT PERMANENT U-TURN LOCATIONS, AS SHOWN ON THE PLANS.
3. AT SIDE ROAD INTERSECTIONS, A TEMPORARY PAVED CONNECTION ACROSS THE MEDIAN AREA SHALL BE PROVIDED TO MAINTAIN PASSENGER AND TRUCK TRAFFIC AT ALL TIMES.
4. FINAL GRATE ADJUSTMENTS TO BE COMPLETED JUST PRIOR TO PLACING TOP COURSE OF PAVEMENT.

PHASE 5

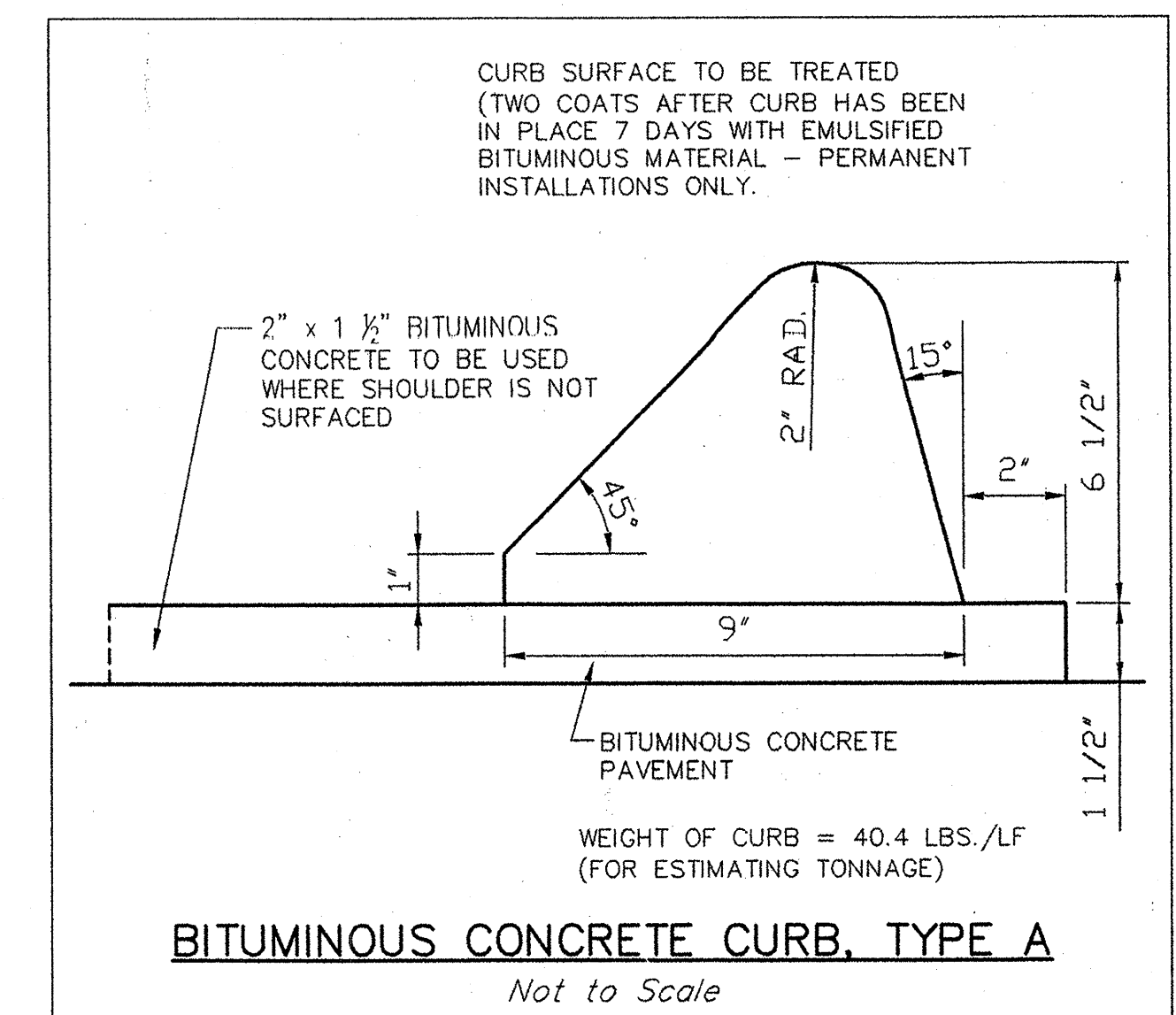
1. PLACE TOP COURSE OF PAVEMENT THROUGHOUT PROJECT USING FLAGGED CONSTRUCTION. ONE LANE OF TRAFFIC, IN BOTH DIRECTIONS, SHALL BE MAINTAINED AT ALL TIMES. PROVISIONS SHALL BE MADE TO UTILIZE TURNING LANES. EXCEPT WHEN THE LANE ITSELF IS BEING PAVED.
2. COMPLETE SIDEWALKS, LANDSCAPING, AND DRIVEWAYS NOT DONE IN PREVIOUS STAGES.
3. PLACE FINAL PAVEMENT STRIPING, MARKINGS, AND SIGNING, USING FLAGGED CONSTRUCTION. SEE STRIPING PLANS FOR DETAILS.

WINTER SHUTDOWN

1. THE CONTRACTOR SHALL PROVIDE (AT A MINIMUM) THE FOLLOWING DURING THE WINTER SHUTDOWN PERIOD:
 - a. 3" PAVED SURFACE
 - b. 1:3 SIDESLOPES
 - c. SEEDING / MULCHING OF SIDESLOPES
 - d. 2 NORTHBOUND TRAVEL LANES AND SHOULDERS AND 2 SOUTHBOUND TRAVEL LANES OPEN TO TRAFFIC. EXCLUSIVE LEFT TURN LANES TO EXIST AS FOLLOWS:
 1. ALLEN RD.: RT 7 SOUTHBOUND
 2. GREENMOUNTAIN DR.: RT 7 SOUTHBOUND
 3. HOLMES RD.: RT 7 SOUTHBOUND
2. ITEM 646.20 - 4" WHITE LINE AND ITEM 646.21 - 4" YELLOW LINE SHALL BE PLACED PRIOR TO WINTER SHUTDOWN.
3. THE CONTRACTOR REMAINS RESPONSIBLE FOR THE U.S ROUTE 7 TRAFFIC SIGNALS WITHIN THE CONTRACT LIMITS DURING WINTER SHUTDOWN. ALL SIGNALS SHALL BE OPERATIONAL.
4. ALL DRIVES SHALL BE PAVED AND OPEN.
5. CITY WILL PROVIDE SNOW REMOVAL ON TOWN HIGHWAYS. THEY SHALL BE CONTACTED WHEN THEIR RESPONSIBILITY BEGINS.
6. STATE WILL PROVIDE SNOW REMOVAL ON ROUTE 7.
7. MAINTAIN ILLUMINATION AT INTERSECTIONS: THE INTERSECTIONS OF ALLEN RD., HARBOR VIEW RD., BARTLETT BAY RD., GREEN MOUNTAIN DR. AND HOLMES RD. IDX DRIVE SHALL HAVE 4-150 LUMINAIRES PLACED AT EACH INTERSECTION ILLUMINATING THESE INTERSECTIONS. ONE ALSO AT STA. 421 RT. FOR JUGHANDLE H.

NOTES:

1. IF THE CONTRACTOR DEVICES A TRAFFIC MAINTENANCE PLAN WHICH, BY ITS NATURE, NECESSITATES USE OF TEMPORARY TRAFFIC BARRIER, THE BARRIER WILL BE INCLUSIVE TO THE TRAFFIC CONTROL (MOD) ITEM.
2. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS FOR CCTA BUS PASSENGERS ALONG MARKED STOPS. THE CONTRACTOR WILL WORK WITH CCTA TO PROVIDE BUS STOPS WITHIN THE CONSTRUCTION AREA.
3. THE BID PRICE FOR ITEM 641.10 - TRAFFIC CONTROL (MOD) SHALL INCLUDE ON-PROJECT CONSTRUCTION SIGNING, BARRELS, CONES, BARRICADES AND TEMPORARY REGULATORY AND WARNING SIGNS, POSTS AND PUBLIC RELATIONS PERSON. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES SHALL BE INCLUDED. THE FOLLOWING WILL BE PAID UNDER THEIR SPECIFIC BID PRICES:
 - a. ITEM NO. 641.15 - PORTABLE CHANGEABLE MESSAGE SIGN
 - b. ITEM NO. 641.16 - PORTABLE ARROW BOARD
 - c. ITEM NO. 630.10 - UNIFORM TRAFFIC OFFICERS
 - d. ITEM NO. 630.15 - FLAGGERS
 - e. ITEM NO. 646.60 - TEMPORARY 4" WHITE LINE
 - f. ITEM NO. 646.61 - TEMPORARY 4" YELLOW LINE
 - g. ITEM NO. 646.63 - TEMPORARY 8" YELLOW LINE
 - h. ITEM NO. 646.66 - TEMPORARY 24" STOPBAR
 - i. ITEM NO. 646.86 - BLACK PAVEMENT MARKING MASKING TAPE
 - j. ITEM NO. 678.40 - TEMPORARY TRAFFIC SIGNAL SYSTEM
 - k. ITEM NO. 618.15 - BITUMINOUS CONCRETE SIDEWALK (MOD)
 - l. ITEM NO. 646.20 - 4" WHITE LINE (FOR WINTER SHUTDOWN)
 - m. ITEM NO. 646.21 - 4" YELLOW LINE (FOR WINTER SHUTDOWN)
 - n. ITEM NO. 646.75 - LINE STRIPING TARGET
 - o. ITEM NO. 676.20 - DELINEATORS WITH FLEXIBLE POSTS (MOD)
4. THE FOLLOWING ITEMS ARE INCLUDED IN THE CONTRACT AND SHALL BE USED AT THE DISCRETION OF THE ENGINEER:
 - a. ITEM NO. 406.25 - BITUMINOUS CONCRETE PAVEMENT (MOD) *
 - b. ITEM NO. 621.90 - TEMPORARY TRAFFIC BARRIER *
 - c. ITEM NO. 649.51 - GEOTEXTILE FABRIC FOR SILT FENCE (MOD) *
 - d. ITEM NO. 678.42 - TEMPORARY DETECTOR *
5. PAVEMENT MATERIALS SHALL BE BLENDED IN AREAS WHERE BOX CUTS AND TRANSITIONS ARE MADE.
6. EXISTING LEFT TURN LANE ON U.S. ROUTE 7 MUST BE MAINTAINED AT ALL TIMES.
7. ADJUSTMENT OF GRATES / COVERS FOR ALL NEW DI'S / CATCH BASINS / MANHOLES DUE TO STAGED CONSTRUCTION WILL BE CONSIDERED INCLUSIVE OF THE APPROPRIATE ITEM.



SHELburnE - SOUTH BURLINGTON

SURVEYED BY V.S.C. INC. DATE _____
DRAWN BY E.A.A. INC. DATE _____
TRACED BY E.A.A. INC. DATE _____

PROJECT NH-EGC-019-4(28)
TRAFFIC CONTROL DRAWING NO. 2
SHEET NO. 148 OF 283

DATUM
VERTICAL NGVD 1929
HORIZONTAL NAD 1927

4/4/03