

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

- REPAIR ANY DAMAGED AREAS ON THE RIGHT SHOULDER ADJACENT TO SOUTHBOUND TRAFFIC FROM STA. 265+00 +/- TO 376+20 +/- AS DIRECTED BY THE ENGINEER. USE FLAGGED CONSTRUCTION.
- CONSTRUCT THE NEW JUGHANDLE UP THROUGH BASE COURSE PRIOR TO BEGINNING OTHER CONSTRUCTION ACTIVITIES ALONG U.S. ROUTE 7.
- TEMPORARILY WIDEN THE EXISTING SOUTHBOUND RIGHT SHOULDER AS DIRECTED BY THE ENGINEER OR AS FOLLOWS:  
STATIONS 265+00 AND 375+00: 37 FEET FROM CENTERLINE  
STATIONS 375+00 AND 376+20: 44 FEET FROM CENTERLINE  
USE FLAGGED CONSTRUCTION WHEN NECESSARY FOR SHORT DURATION WORK ADJACENT TO INTERSECTING ROADS.
- RESTRIPE EXISTING PAVEMENT MARKINGS AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
- 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.
- CONSTRUCT ALL PIPES CROSSING ROUTE 7 BETWEEN STATIONS 260+00 AND 376+20.
- CONSTRUCT WESTERN HALF OF NEW BOX CULVERT AT STA. 319+30 AS DETAILED ON THE PLANS. CONTRACTOR SHOULD NOTE THAT THERE IS AN EXISTING GAS LINE AND SEWER LINE WHICH MAY IMPACT ON THE RECONSTRUCTION OF THE BOX CULVERT. BARRIER PLACEMENT WILL BE NECESSARY ALONG THE NORTHBOUND EDGE OF PAVEMENT. SEE PERMIT FOR TIME RESTRICTIONS.
- CONSTRUCT EXECUTIVE DRIVE THROUGH BASE COURSE OF ASPHALT. PLACE TEMPORARY ASPHALT WEDGE TO MATCH EXISTING PAVEMENT AT EACH END.
- CONSTRUCT BAY ROAD THROUGH BASE COURSE OF ASPHALT. CONSTRUCT THE NEW CULVERT UNDER BAY ROAD. PLACE TEMPORARY ASPHALT WEDGE TO MATCH EXISTING PAVEMENT AT EACH END.
- CONSTRUCT NEW BOX CULVERT ON BAY ROAD. SEE TRAFFIC CONTROL DRAWING 6A FOR ROAD CLOSURE AND DETOUR DETAILS.
- CONSTRUCT THE WEST SIDE DRAINAGE SYSTEM.
- CONSTRUCT RETENTION POND AND OUTLET PIPES AT EXECUTIVE DRIVE. CONSTRUCT NEW ROADSIDE DITCHES, WHERE POSSIBLE, PRIOR TO THE INSTALLATION OF THE NEW DRAINAGE SYSTEM.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THE VARIOUS UTILITY COMPANIES FOR LAYOUT, REMOVAL, RELOCATION, AND NEW INSTALLATIONS.
- 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. REFER TO R.O.W PLANS EASEMENTS FOR TEMPORARY SIGNAL POLES.
- CONSTRUCT DITCHES AT THE FOLLOWING LOCATIONS:  
STA. 261+00 +/- TO 272+00 +/- (INCLUDING DITCH ON WEST SIDE OF JUG. A)  
OUTLET DITCH AT STA. 392+65 +/- RT.  
OUTLET DITCH AT STA. 316+25 +/- TO STA. 319+00 +/-  
STA. 324+00 +/- TO 329+00 +/-  
DITCHES ON HEDGFROW DRIVE, LAKEVIEW DRIVE AND WINDMILL BAY

### PHASE 2

- SHIFT ROUTE 7 TRAFFIC ONTO TEMPORARY LANES ESTABLISHED IN PHASE 1 FROM STA. 265+00 TO 376+20. REFER TO PLANS FOR PAVEMENT MARKINGS AND LANE WIDTHS. ONE TRAVEL LANE SHALL BE MAINTAINED IN THE NORTHBOUND AND SOUTHBOUND DIRECTION AT ALL TIMES.
- CONSTRUCT THE EAST SIDE ROUTE 7 IMPROVEMENTS UP THROUGH THE BASE COURSE OF ASPHALT, INCLUDING INTERSECTING ROADS, FROM STA. 265+00 TO 376+20.
- CONSTRUCT EASTERN HALF OF NEW BOX CULVERT AT STA. 319+30 AS DETAILED ON THE PLANS. CONTRACTOR SHOULD NOTE THAT THERE IS AN EXISTING GAS LINE AND SEWER LINE WHICH MAY IMPACT ON THE RECONSTRUCTION OF THE BOX CULVERT. BARRIER PLACEMENT WILL BE NECESSARY ALONG THE NORTHBOUND EDGE OF PAVEMENT. SEE PERMIT FOR TIME RESTRICTIONS.

## WORK TO BE DONE

### PHASE 2 (Continued)

- 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 ASPHALT. FINAL ADJUSTMENT TO BE COMPLETED AFTER TOP COURSE OF ASPHALT IS PLACED. FOR DRAINAGE CROSSINGS FLOWING EAST, THE CONTRACTOR MUST COMPLETE ANY NEW RUN UNTIL IT OUTLETS INTO AN EXISTING SYSTEM. CONTRACTOR SHALL MAINTAIN ONE WAY TRAFFIC, USING FLAGGED CONSTRUCTION, TO COMPLETE THE CROSSING. CONSTRUCT THE POND AT EXECUTIVE DRIVE.
- 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.
- ACCESS TO PROPERTIES ON WEST SIDE OF ROUTE 7 SHALL BE MAINTAINED BY PROVIDING TEMPORARY ASPHALT OR GRAVEL WEDGES TO EXISTING DRIVEWAYS.
- 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.
- PLACE TEMPORARY STRIPING, TRAFFIC CONTROL DEVICES, AND SIGNING ON THE NEWLY CONSTRUCTED PORTION OF ROADWAY, STA. 265+00 TO 376+20 +/-.

### PHASE 3

- SHIFT ROUTE 7 TRAFFIC ONTO NEW PAVEMENT SECTION ESTABLISHED IN PHASE 2 FROM STA. 265+00 TO 376+20. REFER TO PLANS FOR PAVEMENT MARKINGS AND LANE WIDTHS. ONE TRAVEL LANE SHALL BE MAINTAINED IN THE NORTHBOUND AND SOUTHBOUND DIRECTION AT ALL TIMES.
- CONSTRUCT THE WEST SIDE ROUTE 7 IMPROVEMENTS UP THROUGH THE BASE COURSE OF ASPHALT, INCLUDING INTERSECTING ROADS, FROM STA. 265+00 TO 376+20.
- INSTALL PERMANENT TRAFFIC SIGNAL POLES, CONDUIT AND PULLBOXES ON THE WEST SIDE OF ROUTE 7.
- INSTALL PERMANENT DRAINAGE STRUCTURES AND PIPING NOT PLACED IN PREVIOUS STAGES.
- PLACE TEMPORARY STRIPING, TRAFFIC CONTROL DEVICES, AND SIGNING ON NEWLY CONSTRUCTED PORTION OF ROADWAY STA. 265+00 TO 376+20 +/-.

### PHASE 4

- CONSTRUCT THE CENTER MEDIAN. INSTALL THE REMAINDER OF GRAVEL, GRANITE SLOPE EDGING, CONCRETE, AND TOPSOIL IN MEDIAN AREAS.
- 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.
- AT SIDE ROAD INTERSECTIONS, A TEMPORARY PAVED CONNECTION ACROSS THE MEDIAN AREA SHALL BE PROVIDED TO MAINTAIN PASSENGER AND TRUCK TRAFFIC AT ALL TIMES.
- REMAINDER OF THE NEW DRAINAGE SYSTEM SHOULD BE INSTALLED DURING THIS STAGE. FINAL GRATE ADJUSTMENTS TO BE COMPLETED JUST PRIOR TO PLACING TOP COURSE OF ASPHALT.

### PHASE 5

- PLACE TOP COURSE OF ASPHALT 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.
- 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.
- COMPLETE SIDEWALKS, LANDSCAPING, AND DRIVEWAYS NOT DONE IN PREVIOUS STAGES.
- PLACE FINAL PAVEMENT STRIPING, MARKINGS, AND SIGNING, USING FLAGGED CONSTRUCTION. SEE STRIPING PLANS FOR DETAILS.

### WINTER SHUTDOWN

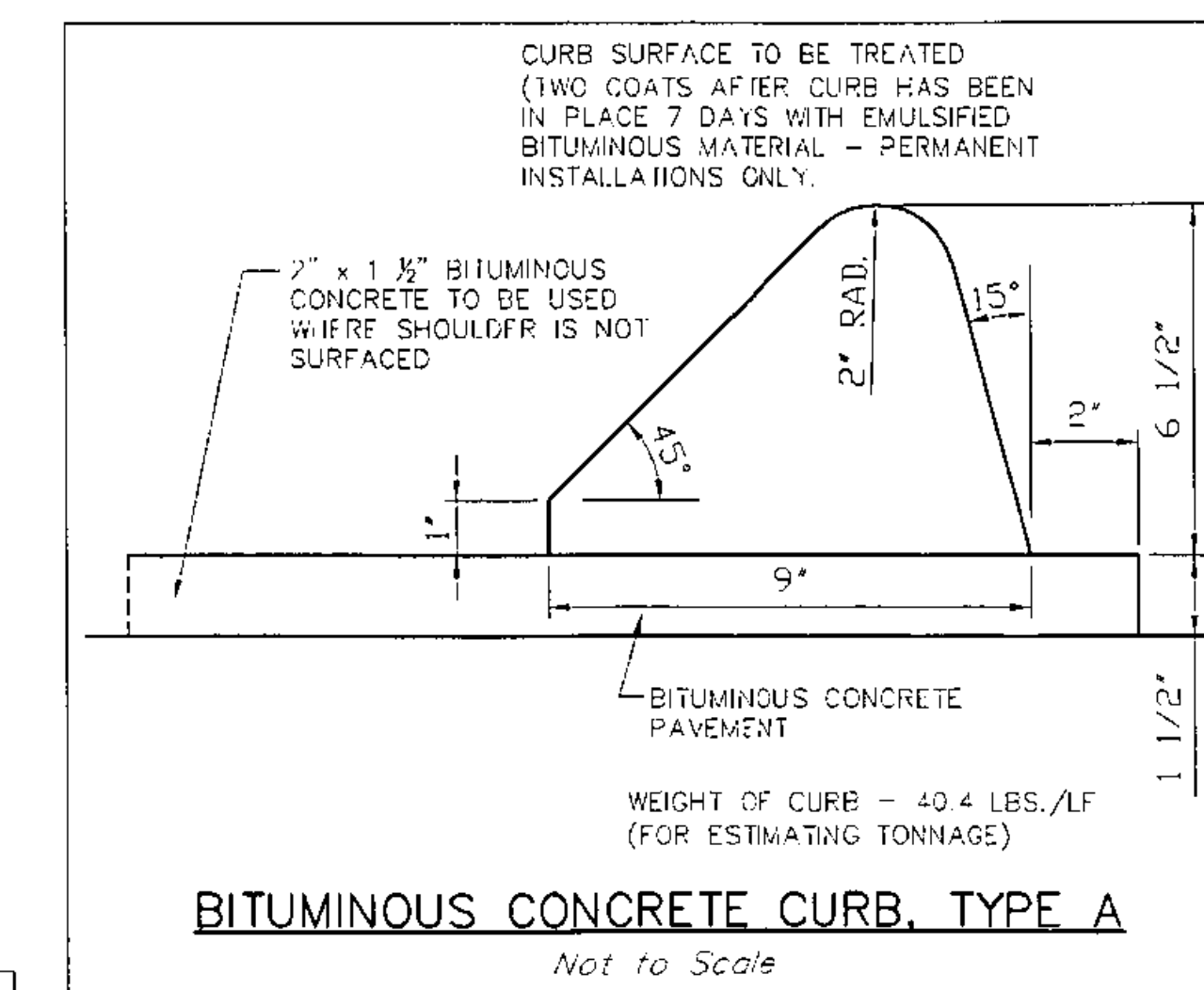
- THE CONTRACTOR SHALL PROVIDE (AT A MINIMUM) THE FOLLOWING DURING THE WINTER SHUTDOWN PERIOD:
  - 3" PAVED SURFACE
  - 1:3 SIDESLOPES
  - SEEDING / MULCHING OF SIDESLOPES
  - 1 NORTHBOUND TRAVEL LANE AND SHOULDERS AND 1 SOUTHBOUND TRAVEL LANE OPEN TO TRAFFIC. EXCLUSIVE LEFT TURN LANES TO EXIST AS FOLLOWS:
    - BAY RD.: RT 7 NORTHBOUND & SOUTHBOUND

### WINTER SHUTDOWN (Continued)

- ITEM 646.20 - 4" WHITE LINE AND ITEM 646.21 - 4" YELLOW LINE SHALL BE PLACED PRIOR TO WINTER SHUTDOWN.
- THE CONTRACTOR REMAINS RESPONSIBLE FOR THE U.S. ROUTE 7 TRAFFIC SIGNALS WITHIN THE CONTRACT LIMITS DURING WINTER SHUTDOWN. ALL SIGNALS SHALL BE OPERATIONAL.
- ALL DRIVES SHALL BE PAVED AND OPEN.
- TOWN WILL PROVIDE SNOW REMOVAL ON TOWN HIGHWAYS. THEY SHALL BE CONTACTED WHEN THEIR RESPONSIBILITY BEGINS.
- STATE WILL PROVIDE SNOW REMOVAL ON ROUTE 7.
- MAINTAIN ILLUMINATION AT INTERSECTIONS: THE INTERSECTIONS OF WEBSTER RD., BAY RD., LONGMEADOW DR., MARTINDALE RD., LAKEVIEW DR., AND PINE HAVEN SHORES SHALL HAVE 4-150 LUMINAIRES PLACED AT EACH INTERSECTION ILLUMINATING THESE INTERSECTIONS.

### NOTES:

- 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.
- THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS FOR OCTA BUS PASSENGERS ALONG MARKED STOPS. THE CONTRACTOR WILL WORK WITH OCTA TO PROVIDE BUS STOPS WITHIN THE CONSTRUCTION AREA.
- 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:
  - ITEM NO. 641.15 - PORTABLE CHANGEABLE MESSAGE SIGN
  - ITEM NO. 641.16 - PORTABLE ARROW BOARD
  - ITEM NO. 630.10 - UNIFORM TRAFFIC OFFICERS
  - ITEM NO. 630.15 - FLAGGERS
  - ITEM NO. 646.60 - TEMPORARY 4" WHITE LINE
  - ITEM NO. 646.61 - TEMPORARY 4" YELLOW LINE
  - ITEM NO. 646.63 - TEMPORARY 8" YELLOW LINE
  - ITEM NO. 646.66 - TEMPORARY 24" STOPBAR
  - ITEM NO. 646.86 - BLACK PAVEMENT MARKING MASKING TAPE
  - ITEM NO. 678.40 - TEMPORARY TRAFFIC SIGNAL SYSTEM
  - ITEM NO. 618.15 - BITUMINOUS CONCRETE SIDEWALK (MOD)
  - ITEM NO. 646.20 - 4" WHITE LINE (FOR WINTER SHUTDOWN)
  - ITEM NO. 646.21 - 4" YELLOW LINE (FOR WINTER SHUTDOWN)
  - ITEM NO. 646.75 - LINE STRIPING TARGET
  - ITEM NO. 676.20 - DELINEATORS WITH FLEXIBLE POSTS (MOD)
- THE FOLLOWING ITEMS ARE INCLUDED IN THE CONTRACT AND SHALL BE USED AT THE DISCRETION OF THE ENGINEER:
  - ITEM NO. 406.25 BITUMINOUS CONCRETE PAVEMENT (MOD) \*
  - ITEM NO. 621.90 - TEMPORARY TRAFFIC BARRIER \*
  - ITEM NO. 649.51 - GEOTEXTILE FABRIC FOR SILT FENCE (MOD) \*
  - ITEM NO. 678.42 - TEMPORARY DETECTOR \*
- PAVEMENT MATERIALS SHALL BE BLENDED IN AREAS WHERE BOX CUTS AND TRANSITIONS ARE MADE.
- EXISTING LEFT TURN LANES ON U.S. ROUTE 7 MUST BE MAINTAINED AT ALL TIMES.
- ADJUSTMENT OF GRATES / COVERS FOR ALL NEW DI'S / CATCH BASINS / MANHOLES DUE TO STAGED CONSTRUCTION WILL BE CONSIDERED INCLUSIVE OF THE APPROPRIATE ITEM.



DATUM  
VERTICAL NGVD 1929  
HORIZONTAL NAD 1927

SHELBURNE

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(27)  
TRAFFIC CONTROL DRAWING NO. 2  
SHEET NO. 262 OF 537

4/13/04