EXPANSION JOINT NOTES

TEMPERATURE ADJUSTMENT NOTES

SECTIONS IN CURB AND SIDEWALK.
THE COMPRESSION SEALS SHALL BE REPLACED ALONG ENTIRE WIDTH OF BRIDGE, INCLUDING SPECIFICATION SECTION 550.2.9.1.

GRIND OFF GALVANIZING IN AREAS TO BE WELDED. TOUCH UP GROUND AREAS PER NH STANDARD.

NEW STRUCTURAL STEEL FOR EXPANSION JOINT SHALL BE ASTM A 572, GALVANIZED.

WIDTH. THE CONTRACTOR SHALL USE A CV-2502 BY D.S. BROWN.

DESIGN INCLUDES MOVEMENT DUE TO TEMPERATURE, SKEW, SHRINKAGE AND MINIMUM INSTALLATION.

THE COMPRESSION SEAL HAS BEEN DESIGNED FOR A TOTAL FACTORED MOVEMENT OF 0.96 INCHES.

PROTECT TOP OF EXPANSION JOINT DURING PLACEMENT OF CONCRETE AND BITUMINOUS PAVEMENT.

RECOMMENDED BY THE MANUFACTURER OF THE SEAL, THAT WILL NOT DAMAGE THE SEAL.

SPLICES WILL BE ALLOWED. SEAL SHALL BE INSTALLED USING AN APPROVED TOOL.

THE COMPRESSION SEAL SHALL BE FURNISHED IN ONE CONTINUOUS LENGTH. NO PRIOR TO INSTALLING NEW SEALS.

VERIFYING THE EXPANSION JOINT ASSEMBLY OPENING VALUES IN THE TEMPERATURE ADJUSTMENT TABLE ARE FOR IF APPLICABLE AND FEASIBLE.

"T" DIMENSIONS ARE PERPENDICULAR TO FACE OF BACKWALL.

SAW CUT 1" DEPTH
BITUMINOUS PAVEMENT
ITEM 628.2, SAWED

L = 20'-0", DEPTH = 1"
ITEM 417, COLD PLANING

TO CONSTRUCTION JOINT
REMOVE BACKWALL CONCRETE
ITEM 504.1, COMMON BRIDGE EXCAVATION

TO WASHINGTON ST.
DECK PAVEMENT REMOVAL
ITEM 511.0002, CONCRETE BRIDGE

APPROXIMATE REPAIR LOCATIONS
SCALE: 1" = 20'-0"

SECTION A-A - EXISTING ARMORED JOINT DETAIL (REMOVAL LIMITS)

SECTION A-A - PROPOSED ARMORED JOINT RECONSTRUCTION DETAIL

SECTION B-B - DAMAGED SECTION REMOVAL

SECTION B-B - PROPOSED REPAIR DETAIL
GENERAL CONSTRUCTION NOTES

1. The contractor shall be responsible for diligently examining the bridge structures shown in the plans and plans for operations and shall perform any necessary preparatory work to remove any existing materials or obstacles. The contractor shall also verify all dimensions of the existing structure and be prepared to make any adjustments required to properly rehabilitate the structure.

2. Work shall be done in phases as shown on the plans. Any damage caused by contractor negligence shall be repaired at the contractor's expense.

3. The contractor shall be responsible for properly protecting existing utilities from damage during construction.

4. All prepared areas shall be blast cleaned and saturated surface dry (all costs included in Item 520.01).

5. The contractor shall apply Item 511.0002, concrete bridge deck pavement removal (F), shall include complete removal of the existing bridge pavements and membranes. Removal shall be in accordance with Item 538.6, concrete class AA. The removal process shall be done in phases as shown on the plans.

6. The contractor shall apply Item 534.00, water repellent (silane/siloxane), to all exposed surfaces of new concrete.

7. The contractor shall apply Item 520.01, concrete class AA. The removal surfaces shall be blast cleaned and saturated surface dry (all costs included in Item 520.01).

8. The contractor shall apply Item 511.02, concrete bridge deck pavement removal (F), shall include complete removal of the existing bridge pavements and membranes. Removal shall be in accordance with Item 538.6, concrete class AA. The removal process shall be done in phases as shown on the plans.

9. The contractor shall apply Item 520.01, concrete class AA. The removal surfaces shall be blast cleaned and saturated surface dry (all costs included in Item 520.01).

10. The prepared areas shall be blast cleaned and saturated surface dry (all costs included in Item 520.01). Deteriorated areas shall be patched with Item 520.01, concrete class AA.

11. The contractor shall apply Item 511.0002, concrete bridge deck pavement removal (F), shall include complete removal of the existing bridge pavements and membranes. Removal shall be in accordance with Item 538.6, concrete class AA. The removal process shall be done in phases as shown on the plans.

12. The contractor shall apply Item 534.00, water repellent (silane/siloxane), to all exposed surfaces of new concrete.

13. The contractor shall apply Item 520.01, concrete class AA. The removal surfaces shall be blast cleaned and saturated surface dry (all costs included in Item 520.01).

14. The contractor shall apply Item 511.02, concrete bridge deck pavement removal (F), shall include complete removal of the existing bridge pavements and membranes. Removal shall be in accordance with Item 538.6, concrete class AA. The removal process shall be done in phases as shown on the plans.

15. The contractor shall apply Item 520.01, concrete class AA. The removal surfaces shall be blast cleaned and saturated surface dry (all costs included in Item 520.01).

16. The contractor shall apply Item 511.0002, concrete bridge deck pavement removal (F), shall include complete removal of the existing bridge pavements and membranes. Removal shall be in accordance with Item 538.6, concrete class AA. The removal process shall be done in phases as shown on the plans.