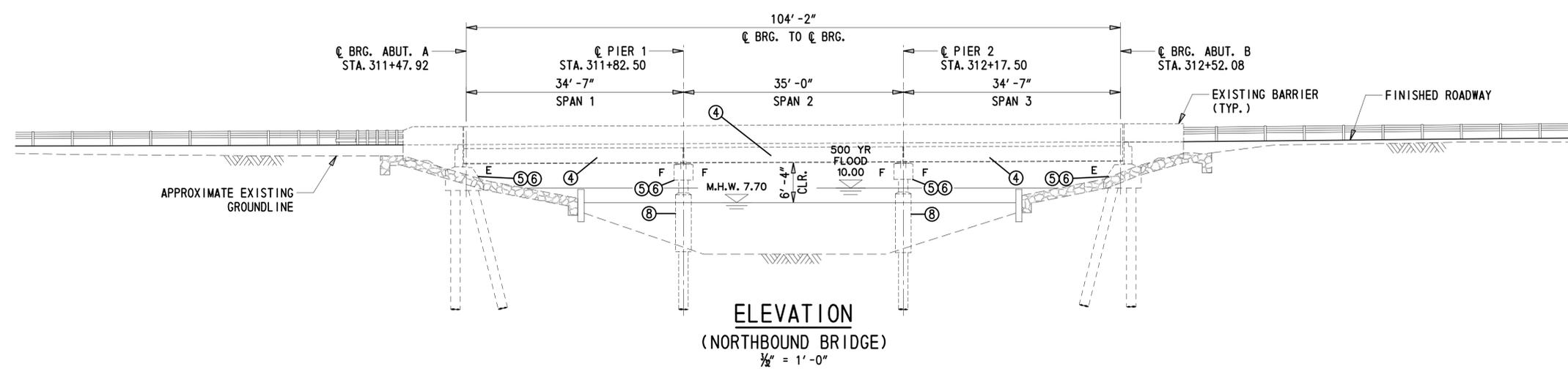


PLAN

1/8" = 1'-0"



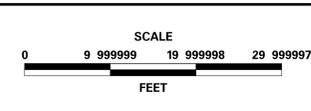
ELEVATION
(NORTHBOUND BRIDGE)

1/8" = 1'-0"

- REPAIRS:**
- ① THE EXISTING BRIDGE SCUPPERS AND DRAINAGE PIPES ON THE NORTHBOUND AND SOUTHBOUND BRIDGES SHALL REMAIN.
 - ② THE EXISTING JOINTS AT PIER 1 AND 2 SHALL BE REMOVED IN FULL. THE CONCRETE DECK SHALL BE REMOVED TO A DEPTH OF 4" FOR THE LIMITS INDICATED ON SHEET NO. 25. ULTRA HIGH PERFORMANCE CONCRETE SHALL BE USED FOR THE LINK SLABS OVER THE PIERS. SEE SHEET NO. 25 FOR DETAILS. TO BE PAID UNDER ITEM NOS. 758000 AND 618516.
 - ③ A NEW WATERPROOFING CONCRETE DECK SEALER SHALL BE APPLIED OVER THE FULL AREA OF THE BRIDGE DECKS. TO BE PAID UNDER ITEM NO. 602546.
 - ④ THE NORTHBOUND AND SOUTHBOUND BRIDGE SUPERSTRUCTURES SHALL BE CLEANED AND PAINTED. TO BE PAID UNDER ITEM NOS. 605522 AND 605533. THE EXISTING PVC MATERIAL MAY BE REMOVED DURING PAINTING AND REINSTALLED WHEN PAINTING IS COMPLETED. THE COST IS INCIDENTAL TO ITEM NO. 605522.
 - ⑤ THE EXISTING PIER CAPS, ABUTMENTS AND ALL PEDESTALS THAT ARE SPALLED OR DETERIORATED SHALL BE REPAIRED AT THE DISCRETION OF THE FIELD ENGINEER. ALL DETERIORATED CONCRETE SHALL BE REMOVED TO A MINIMUM OF 2" AND FORMED UP TO THEIR ORIGINAL SHAPE. FOR LOCATIONS OF EXISTING DETERIORATED AREAS, SEE SHEET NOS. 11 TO 20. TO BE PAID FOR UNDER ITEM NOS. 602611, 602572 AND 602586. A SILICONE ACRYLIC CONCRETE SEALER SHALL BE APPLIED TO THE ALL EXPOSED FACES OF THE BARRIERS, PIER CAPS, ABUTMENTS AND WINGWALLS. TO BE PAID FOR UNDER ITEM NO. 602646.
 - ⑥ ROLLED CHANNEL SECTIONS SHALL BE INSTALLED AT BEARING LOCATIONS TO ASSIST IN THE JACKING SEQUENCE. SEE SHEET NO. 22 FOR DETAILS. INSTALLATION OF PERMANENT CHANNELS AT PIERS SHALL BE PAID UNDER ITEM NO. 605001. TEMPORARY CHANNELS AT ABUTMENTS SHALL BE INCIDENTAL TO ITEM NO. 605607. ALL EXISTING SOLE PLATES SHALL BE REMOVED. ALL EXISTING ANCHOR BOLTS SHALL BE CUT FLUSH WITH THE TOP OF THE PEDESTALS AND EXISTING SOLE PLATES SHALL BE CUT FROM THE BOTTOM OF THE STRINGERS AND GROUND SMOOTH. ANCHOR BOLTS SHALL BE REMOVED BY CORE-DRILLING TO THE DEPTH DIRECTED ON SHEET NO. 21. TO BE PAID UNDER ITEM NO. 602579. AT THE EXISTING BEARING LOCATIONS, PLACE PROPOSED FIXED AND EXPANSION BEARINGS. BEARINGS SHALL BE ANCHORED WITH 1" DIA. SWEDGED ANCHOR BOLTS. AT THE EXISTING LOCATION OF THE OLD SOLE PLATE, PLACE A NEW SOLE PLATE WELDED TO THE BOTTOM OF THE EXISTING BRIDGE STRINGER FLANGES. A STEEL-REINFORCED ELASTOMERIC BEARING PAD SHALL BE USED AT ALL LOCATIONS. SEE SHEET NO. 21 FOR DETAILS. TO BE PAID FOR UNDER ITEM NO. 605581. ALL ABUTMENT BEARINGS SHALL BE EXPANSION BEARINGS AND ALL PIER BEARINGS SHALL BE FIXED BEARINGS.
 - ⑦ THE ABUTMENT BACKWALL SHALL BE REMOVED FLUSH WITH THE TOP OF THE ABUTMENT CAP. A PORTION OF THE CONCRETE DECK AND BARRIER SHALL BE REMOVED TO THE LIMITS SHOWN ON SHEET NO. 24. CONSTRUCT A FULL-DEPTH P.C.C. MASONRY DIAPHRAGM AT EACH ABUTMENT. SEE SHEET NO. 24 FOR DETAILS. TO BE PAID FOR UNDER ITEM NO. 602017 AND 602013. AN APPROVED MEMBRANE WATERPROOFING SHALL BE BONDED ACROSS THE ABUTMENT CAP AND DIAPHRAGM. WATERPROOFING MEMBRANE SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 602616. PAYMENT SHALL BE INCIDENTAL TO ITEM NO. 602013. A 1" THICK PREFORMED CELLULAR POLYSTYRENE SHALL BE PLACED BEHIND THE DIAPHRAGM AND ON TOP OF THE ABUTMENT CAP. PREFORMED CELLULAR POLYSTYRENE MUST MEET ASTM C578, TYPE 1, MATERIAL REQUIREMENTS EXCEPT THE MAXIMUM ALLOWABLE WATER ABSORPTION TO BE 2%. PAYMENT SHALL BE INCIDENTAL TO ITEM NO. 602013.
 - ⑧ THE PILE JACKETS SHALL BE REMOVED AT ALL LOCATIONS. TO BE PAID UNDER ITEM NO. 201000. CONCRETE ABOVE THE WATER LINE SHALL BE SOUNDED AND INSPECTED FOR DETERIORATION. ALL DETERIORATED CONCRETE AS DETERMINED BY THE ENGINEER SHALL BE REMOVED A MINIMUM OF 2". THE AREA SHALL BE CLEANED AND AN APPROVED BONDING AGENT AND P.C.C. MASONRY CLASS A APPLIED TO THE AREA. TO BE PAID UNDER ITEM NOS. 602572 AND 602586. TOP OF PILES TO BE CLEANED AND PAINTED. TO BE PAID UNDER ITEM NOS. 605522 AND 605533.

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| ADDENDUMS / REVISIONS |
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BR 3-253 N&S ON US 13
OVER WILLIAMS POND

| | |
|------------------------|---------------------------------------|
| CONTRACT T201507601 | BRIDGE NO. BR 3-253 N&S |
| COUNTY SUSSEX | DESIGNED BY: JWS |
| | CHECKED BY: DEF |

GENERAL BRIDGE PLAN
AND ELEVATION

| |
|-------------------|
| SHEET NO. 8 |
| TOTAL SHTS. 48 |