FOR DRAINAGE INLET AND PIPE REHABILITATION NOTES SEE SHEET PN-01.

**GUARDRAIL SCHEDULE**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>BEG STA.</th>
<th>OFFSET</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1229+82.82</td>
<td>18.00</td>
<td>44.20</td>
</tr>
<tr>
<td>19</td>
<td>GR. TO BARRIER CONNECTION, APPROACH TYPE 1-31</td>
<td>1223+21.85</td>
<td>5.30</td>
<td>42.00</td>
</tr>
<tr>
<td>20</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1229+30.49</td>
<td>0.00</td>
<td>40.00</td>
</tr>
<tr>
<td>21</td>
<td>GR. TO BARRIER CONNECTION, APPROACH TYPE 1-31</td>
<td>1223+21.85</td>
<td>5.30</td>
<td>42.00</td>
</tr>
<tr>
<td>22</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1229+30.49</td>
<td>0.00</td>
<td>40.00</td>
</tr>
<tr>
<td>23</td>
<td>GR. TO BARRIER CONNECTION, APPROACH TYPE 1-31</td>
<td>1223+21.85</td>
<td>5.30</td>
<td>42.00</td>
</tr>
<tr>
<td>24</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1229+30.49</td>
<td>0.00</td>
<td>40.00</td>
</tr>
<tr>
<td>25</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1229+30.49</td>
<td>0.00</td>
<td>40.00</td>
</tr>
</tbody>
</table>

**DRAINAGE INLET SCHEDULE**

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>BOX SIZE</th>
<th>G.R. GT.</th>
<th>E.L.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1226+70.31</td>
<td>0.00</td>
<td>79.50 X 39.50</td>
<td>18.85</td>
<td></td>
</tr>
</tbody>
</table>

**BARRIER SCHEDULE**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>P.D.S. SAFETY BARRIER, DOUBLE FACE, 6' x 2'</td>
<td>95.00</td>
</tr>
<tr>
<td>7</td>
<td>P.D.S. SAFETY BARRIER, DOUBLE FACE, 6' x 2'</td>
<td>95.00</td>
</tr>
</tbody>
</table>

*FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.*

**DRAINAGE PIPE SCHEDULE**

<table>
<thead>
<tr>
<th>NO.</th>
<th>SIZE / TYPE</th>
<th>CLASS</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>18&quot; RCP</td>
<td>IV</td>
<td>126.00</td>
</tr>
<tr>
<td>7</td>
<td>18&quot; RCP</td>
<td>IV</td>
<td>126.00</td>
</tr>
<tr>
<td>8</td>
<td>18&quot; RCP</td>
<td>IV</td>
<td>126.00</td>
</tr>
</tbody>
</table>

*CONTRACTOR SHALL VERIFY ELEVATION AND CONNECT TO EXISTING STRUCTURE.*
### Barrier Schedule

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td>P.C.C. SAFETY BARRIER, DOUBLE FACE, 42&quot;</td>
<td>594.50'</td>
</tr>
</tbody>
</table>

*FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

### Drainage Inlet Schedule

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>W. DIM</th>
<th>H. DIM</th>
<th>FG</th>
<th>EL.</th>
<th>INV. EL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>1259-52</td>
<td>2'-6&quot;</td>
<td>48&quot; x 30&quot;</td>
<td>8&quot;</td>
<td>56</td>
<td>16.63</td>
<td>10.58</td>
</tr>
<tr>
<td>45</td>
<td>1259-52</td>
<td>2'-6&quot;</td>
<td>48&quot; x 30&quot;</td>
<td>8&quot;</td>
<td>56</td>
<td>16.63</td>
<td>10.58</td>
</tr>
</tbody>
</table>

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

### Drainage Pipe Lining Schedule

<table>
<thead>
<tr>
<th>NO.</th>
<th>TYPE / TYPE</th>
<th>CLASST</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>19&quot; CMP</td>
<td>1</td>
<td>1260+00</td>
</tr>
<tr>
<td>20</td>
<td>19&quot; CMP</td>
<td>1</td>
<td>1260+00</td>
</tr>
</tbody>
</table>

### Drainage Inlet Rehabilitation Schedule

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>548.00'</td>
</tr>
<tr>
<td>26</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>548.00'</td>
</tr>
<tr>
<td>27</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>548.00'</td>
</tr>
</tbody>
</table>

### Guardrail Schedule

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>BEGIN STA.</th>
<th>OFFSET</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1259-00</td>
<td>55.00'</td>
<td>55.00'</td>
</tr>
<tr>
<td>33</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>1259-00</td>
<td>55.00'</td>
<td>55.00'</td>
</tr>
<tr>
<td>34</td>
<td>OR TO BARRIER CONNECTION, GUARDRAIL, TYPE 1-31</td>
<td>1264+00</td>
<td>25.00'</td>
<td>25.00'</td>
</tr>
<tr>
<td>35</td>
<td>OR TO BARRIER CONNECTION, EXIT TYPE 1-31</td>
<td>1264+00</td>
<td>14.00'</td>
<td>14.00'</td>
</tr>
</tbody>
</table>

### Underdrain Outlets

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>LENGTH</th>
<th>DIS. EL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>28.00'</td>
<td>18.1</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>17.00'</td>
<td>13.2</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>17.00'</td>
<td>16.1</td>
<td></td>
</tr>
</tbody>
</table>

*FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.
FENCE SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>TYPE</th>
<th>DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>CHAINLINK FENCE, 5 FT. HIGH</td>
<td>TYPE 1</td>
<td>1200</td>
</tr>
</tbody>
</table>

NOTES

- Replace existing fence, replace based on grading.

BARRIER SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>TYPE</th>
<th>DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>114</td>
<td>C.G.L. SAFETY BARRIER, PERMANENT, SINGLE FACE</td>
<td>TYPE 1</td>
<td>48</td>
</tr>
<tr>
<td>124</td>
<td>C.G.L. SAFETY BARRIER, PERMANENT, SINGLE FACE</td>
<td>TYPE 2</td>
<td>48</td>
</tr>
</tbody>
</table>

* For barrier transition at bridge parapets, see PM.05.
**GUARDRAIL SCHEDULE**

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEM DESCRIPTION / TYPE</th>
<th>BEGIN STA.</th>
<th>OFFSET</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>H11</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>809+50.00</td>
<td>20.5</td>
<td>50.00</td>
</tr>
<tr>
<td>H12</td>
<td>TYPE 1 END TREATMENT</td>
<td>808+78.00</td>
<td>20.5</td>
<td>50.00</td>
</tr>
<tr>
<td>H13</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31</td>
<td>809+50.00</td>
<td>-25.5</td>
<td>35.00</td>
</tr>
<tr>
<td>H14</td>
<td>TYPE 1 END TREATMENT</td>
<td>813+15.00</td>
<td>-25.5</td>
<td>35.00</td>
</tr>
<tr>
<td>NO.</td>
<td>ITEM DESCRIPTION / TYPE</td>
<td>BEGIN STA</td>
<td>OFFSET</td>
<td>LENGTH</td>
</tr>
<tr>
<td>-----</td>
<td>-------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>1</td>
<td>I-95 RAMP K</td>
<td>1328+00</td>
<td>6.40</td>
<td>50.00</td>
</tr>
<tr>
<td>2</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-2</td>
<td>1329+93.60</td>
<td>69.40</td>
<td>120.00</td>
</tr>
<tr>
<td>3</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-4</td>
<td>1330+43.54</td>
<td>68.70</td>
<td>15.00</td>
</tr>
<tr>
<td>4</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-2</td>
<td>1331+10.15</td>
<td>68.98</td>
<td>600.00</td>
</tr>
<tr>
<td>5</td>
<td>GALVANIZED STEEL BEAM GUARDRAIL, TYPE 4-5</td>
<td>1332+22.65</td>
<td>69.08</td>
<td>206.51</td>
</tr>
</tbody>
</table>

**Guards Schedule**

**Drainage Inlet Schedule**

**Drainage Pipe Schedule**

**Roadway Core Schedule**

**Slotted Drain Pipe Schedule**

---

**Curb Schedule**

**Barrier Schedule**

---

**Construction Plan**

**Match Line Sta. 1334-50**

---

**Declaration**

THE STATE OF DELAWARE

DELOREY CONTRACT NO. 1-764

CONSTRUCTION PLAN

**Ownership**

THE STATE OF DELAWARE

DELOREY COUNTY

DELOREY CONTRACT NO. 1-764

CONSTRUCTION PLAN

---

**Notes**

1. *Slotted Drain Pipe Schedule*
2. *See details, sheet 07-11*
I.P.C.C. CURB AND GUTTER, TYPE 3-4
OFFSET 149.22'
LENGTH -47.36' 19.75' -47.58' 2452+50.98

P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1
2 4 5 4 + 0 0

P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1
86.68'
2 4 5 3 + 0 0
408.57
90
2452+31.53

LENGTH 0.5' LT.EL 86.68' 149.62'

NO.
GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31

BARRIER SCHEDULE

GUARDRAIL SCHEDULE

NO. ITEM DESCRIPTION / TYPE BEGIN STA. OFFSET LENGTH
038 GUARDRAIL TO CURB CONNECTION, APPROACH TYPE 1-31 2452+50.98 -47.36' 19.75' -47.58' 2452+50.98

ROADWAY CORE SCHEDULE

NO. LOCATION OFFSET LENGTH
PC-9 2452+50.98 0 0 0

CURB SCHEDULE

NO. ITEM DESCRIPTION / TYPE LENGTH
018 1. P.C.C. CURB AND GUTTER, TYPE 1-4 428.32

NO.
STATION 1454+00
OFFSET 86.68'
LENGTH 12

*AT LIMITS OF BARRIER WHICH INTERFACE WITH TWO SEPARATE BRIDGE PARAPETS, P.C.C. SAFETY BARRIER SHALL BE TRANSITIONED FROM A 42" F SHAPE FACE TO THE TIE INTO THE EXISTING R/W.

**ALL LOTS OF BARRIER WHICH INTERFACE WITH TWO SEPARATE BRIDGE PARAPETS, P.C.C. SAFETY BARRIER SHALL BE TRANSITIONED FROM A 42" F SHAPE FACE TO THE TIE INTO THE EXISTING R/W.

ALL COSTS OF LABOR, MATERIALS, FORMWORK, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE REIMBURSED TO THE APPLICABLE P.C.C. SAFETY BARRIER FUND.

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
SOUTHBOUND
SAW CUT 2454+00

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
NORTHBOUND
SAW CUT 2455+00

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
SOUTHBOUND
SAW CUT 2454+00

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
NORTHBOUND
SAW CUT 2455+00

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
SOUTHBOUND
SAW CUT 2454+00

CONSTRUCTION AND
RIGHT-OF-WAY
BASELINE 1-85
NORTHBOUND
SAW CUT 2455+00
TRAFFIC CONTROL NOTES

1) Lane shifts on US 9 shall be installed in accordance with the temporary fencing and striping shown in Table on Drawing C2-02.
2) The project is considered a significant project as defined by DelDOT’s Work Zone Mobility Guidelines and Procedures, and as such, it must be constructed in accordance with the MUTCD, Section 6D.2 (e), (f), and (g). The contractor shall coordinate and consult with the State Traffic Control Officer to ensure the temporary traffic control is designed, coordinated, and implemented according to the MUTCD and in accordance with the guidelines described in Section 6D.2 (e), (f), and (g).
3) Traffic control plans shall be submitted for the approval of the Engineer. Such plans shall include a construction traffic control plan, a maintenance of traffic plan, and an erosion control plan.
4) During the period between phases, the limits of the work zone may be adjusted as directed by the Engineer in the field. A warning sign shall not be placed while the job is not in use, including durations when the contractor changes to the sod.
5) All work requiring lane closures in addition to the permanent lane closures shown on the construction phasing, maintenance of traffic and erosion control plans shall be completed during hours shown in Tables on Drawing C2-02.

SAND AND STORMWATER MANAGEMENT THROUGH THE USE OF WATER

1) Dust control: Dust shall be controlled exclusively through the use of water. Costs associated with the purchasing and application of water for dust control shall be incidental to all the contract work.
2) Slope maintenance: Prior to any Phase change or any other event requiring temporary slope stabilization, the slopes shall be stabilized by spraying a bulldozer or other means to ensure that the slope does not become unstable. The slope shall be stabilized prior to the beginning of the work to be performed on the new section of roadway.
3) Existing pipes and poles: All existing pipes and poles within the project limits shall remain in place and all work shall be incidental to the final installation.
4) Check-in procedures: All contractor’s workers are to be remit at the completion of the job or as directed by the Engineer in the field. This work shall be incidental to the contract.

ROADWAY NOTES

1) The contractor is responsible for the maintenance of existing traffic within the project limits for the duration of the contract or as directed by the Engineer or Designer. All repairs are at the contractor’s expense as directed by the Engineer.

TRAFFIC OFFICER NOTES

1) The contractor shall provide three traffic officers for a four-hour period twice per month to perform speed enforcement along roadways within the project limits.
2) The contractor shall provide two traffic officers for a four-hour period twice per month to perform temporary traffic control during construction operations.
3) The contractor shall provide three traffic officers for a four-hour period twice per month to perform permanent traffic control.
4) The contractor shall provide two traffic officers for any rolling road block operations according to mutually acceptable plans.

DELWARE DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM WILMINGTON VIADUCT TO NORTH END OF BRANDYWINE RIVER BRIDGE

NOT TO SCALE
WORK HOUR RESTRICTION NOTES

1) **ALL WORK requiring LANE CLOSURES is subject to the permanent lane closures shown on the construction phasing plans, and erosion control plans shall be completed during the hours permitted in the following tables.**

### SINGLE LANE CLOSURE MATRIX FOR I-95

<table>
<thead>
<tr>
<th>Hour</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lane closures not permitted:

Lane closures permitted:

### DOUBLE LANE CLOSURE MATRIX FOR I-95

<table>
<thead>
<tr>
<th>Hour</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lane closures not permitted:

Lane closures permitted:
NOTES:
1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF ADDITIONAL WARNING SIGNS.
   LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
2. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED OR RELOCATED AS DIRECTED BY THE ENGINEER.
3. ALL PERMANENT WARNING SIGNS SHALL BE POST MOUNTED ON NCHRP REPORT 350 OR MASH APPROVED BREAKAWAY SUPPORTS UNLESS OTHERWISE NOTED ON THESE PLANS.
   IF A UTILITY CONFLICT EXISTS THAT PREVENTS THE BREAKAWAY SUPPORTS FROM BEING DRIVEN INTO THE GROUND (ALL UTILITY CONFLICTS MUST BE VERIFIED BY THE INSPECTOR), OR ONE OF THE FOLLOWING CONDITIONS APPLY:
   1) A UTILITY CONFLICT EXISTS THAT PREVENTS THE BREAKAWAY SUPPORTS FROM BEING DRIVEN INTO THE GROUND INTO THE GROUND. CONCRETE, HOT MIX ASPHALT, BRICK, ETC., PREVENTS DRIVING THE POSTS AND SUPPORTS INTO THE GROUND.
   2) MATERIAL OTHER THAN COMMON EARTH, SUCH AS CONCRETE, HOT MIX ASPHALT, BRICK, ETC., PREVENTS DRIVING THE POSTS AND SUPPORTS INTO THE GROUND.
   3) ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED OR RELOCATED, AS DIRECTED BY THE ENGINEER.
   4) PERMANENT WARNING SIGNS SHALL BE PLACED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY OF DIVIDED HIGHWAYS WHEN APPLICABLE.
1. Individual phasing plans for placement of additional warning signs, location of all permanent warning signs shall be coordinated with the engineer.
2. Any existing signs that conflict with construction warning signs shall be covered or relocated, as approved by the engineer.
3. All permanent warning signs shall be post mounted on AASHTO Pavement Support Safety Ramps as shown on these plans, as approved by the engineer or one of the following conditions apply:
   a) A utility conflict exists that prevents the permanent supports from being driven into the ground if utility conflicts must be verified by the inspector,
   b) Material other than common earth, such as concrete, hot mix asphalt, brick, etc. prevents driving the posts and supports into the ground.
4. Permanent warning signs shall be placed on the left and right side of the roadway of divided highways when applicable.
5. Permanent warning signs shall not be displayed during Stage 1B. See Stage 1B Plans for warning signs in use during Stage 1B.
**Construction Phasing Legend**

- Proposed Construction This Phase
- Existing Sign/Proposed Temporary Sign
- Type III Barricade
- Plastic Drum
- Temporary Traffic Flow Arrow
- Temporary P.C.C. Safety Barrier, Unpinned
- Temporary P.C.C. Safety Barrier, Pinned
- Temporary Impact Attenuator
- Arrow Panel
- Remove Existing Stripping by Contractor
- Temporary Pavement Marking Arrow
- Portable Changeable Message Sign

**Temporary Pavement Markings Legend**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Solid White Paint
- 10" Dotted White Paint, 2' Line & 6' Gap
- 4" Broken White Paint, 10' Line & 30' Gap
- 4" Dotted White Paint, 3' Line & 9' Gap
- 10" Solid White Paint
- 18" Solid White Paint
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Sequence of Construction - Phase 1A**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans.
2. Shift traffic to designated travel lane.
3. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans.

**Match Line - See DWG. CS-1A02**

**Rehabilitation of I-95**

- From I-495 to North of Brandywine River Bridge

---

**Delaware Department of Transportation**

**Profile View**

- I-95 Northbound
  - Exit Only
- I-95 Southbound
  - Exit Only
- I-295 Northbound
  - Exit Only
- I-295 Southbound
  - Exit Only

**Pavement Markings**

- Tie into existing pavement markings
- 12'
- 1000'
- 1500'

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 1A**
SEQUENCE OF CONSTRUCTION - PHASE 1A

- Place temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans.
- Shift traffic to designated travel lane.

CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY M.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY M.C.C. SAFETY BARRIER, PINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 24" SOLID WHITE PAINT
- 24" SOLID WHITE PAINT
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

ITEM SYMBOL
- TEMPORARY PAVEMENT MARKING ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY IMPACT ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN

DELAWARE DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

M.C.C. = Muters, Cables, Concrete, and Cast-in-Place
TEMP-100 (24'x3')
TEMP-101 (24'x3')
(48"x48")
(36"x30")
W21-5a(L)
W7-3aP
(24"x36")
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Skid Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Temporary Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Type**
- **Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Markings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; Solid White Paint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; Solid Yellow Paint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10&quot; Solid White Paint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10&quot; Dotted White Paint, 1 Line &amp; 9 Gap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; Broken White Paint, 10 Line &amp; 30 Gap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; Dotted White Paint, 3 Line &amp; 9 Gap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12&quot; Solid White Paint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; Dotted White Paint, 2 Line &amp; 6 Gap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; Dotted Yellow Paint, 2 Line &amp; 6 Gap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot; White Paint Pavement Symbol</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sequence of Construction - Phase 1A**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans. Traffic control is to follow the marked lane.

**Match Line STA 3002+00 - See DWG CS-1A02**

**Match Line STA 3010+50 - See DWG CS-1A04**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**Construction Phasing, M.O.T. and Erosion Control Plan - Phase 1A**

**Delaware Department of Transportation**
CONSTRUCTION PHASING LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>TEMPORARY PAVEMENT MARKINGS LEGEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PROPOSED CONSTRUCTION THIS PHASE</td>
</tr>
<tr>
<td>2</td>
<td>EXISTING SIGN/PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>3</td>
<td>SKID MOUNTED PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>4</td>
<td>TYPE I BARRIERS</td>
</tr>
<tr>
<td>5</td>
<td>PLASTIC DRUM</td>
</tr>
<tr>
<td>6</td>
<td>TEMPORARY TRAFFIC ORNAMENT</td>
</tr>
<tr>
<td>7</td>
<td>TEMPORARY PCC SAFETY BARRIER, UNPINNED</td>
</tr>
<tr>
<td>8</td>
<td>TEMPORARY PCC SAFETY BARRIER, PINNED</td>
</tr>
<tr>
<td>9</td>
<td>ARROW PANEL</td>
</tr>
<tr>
<td>10</td>
<td>REMOVE EXISTING STRIPING BY CONTRACTOR</td>
</tr>
<tr>
<td>11</td>
<td>PORTABLE CHANGEABLE MESSAGE SIGN</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans.

MONTAGE DRAWING CS-1A05
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Sidewill Mounted Proposed Temporary Sign**
- **Type 1 Barricade**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Item**
- **Symbol**
- **Legend**
- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 10' Line & 5' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **12" Solid White Paint**
- **4" Dotted White Paint, 2' Line & 6' Gap**
- **4" Dot Yellow Paint, 2' Line & 6' Gap**
- **White Paint Pavement Symbol**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**

**Sequences of Construction - Phase 1A**

- Place temporary traffic control devices as shown on the permanent warning sign plan and stage 1A plans.
- Shift traffic to designated travel lane.

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**Match Line STA 3018+00 - See DWG CS-1A04**

**Match Line STA 3022+00 - See DWG CS-1A06**
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

3. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

4. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

5. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

6. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

8. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

9. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

10. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

11. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

12. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

13. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

14. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

15. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

16. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

17. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

18. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

19. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

20. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

21. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

22. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

23. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

24. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

25. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

26. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

27. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

28. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

29. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

30. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS.

MOT, AND EROSION CONTROL PLAN - PHASE 1A
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
TYPE 111 BARRICADE
PLASTIC DRUM
TRAFFIC ARROW
TEMPORARY M.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY M.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

EXISTING SIGN/PROPOSED TEMPORARY SIGN
TRAFFIC FLOW ARROW
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING
PAVEMENT MARKINGS TIE INTO EXISTING

TEMPORARY PAVING LEGEND
PORTABLE CHANGEABLE MESSAGE SIGN
TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
MILL EXISTING PAVEMENT THIS PHASE

TEMPORARY PAVING LEGEND
PORTABLE CHANGEABLE MESSAGE SIGN
TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
MILL EXISTING PAVEMENT THIS PHASE

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INITIAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A TRAFFIC SHARPENED TO 30 FT DIAMETER PAVEMENT LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3037+10 AND STA. 3040+85.

REFERENCES:
1. SEE NOTE 1
2. SEE CS-1A46 FOR ROADWAY CONSTRUCTION DETAILS
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE
- PLACE ALL PERTINENT TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THIS PLAN AND STAGE 1.
- INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1.
- CONSTRUCT FULL DEPTH PAVEMENT AND CONCRETE BARRIER ALONG LEFT SIDE OF I-95 NORTHBOUND AND SOUTHBOUND.

MATCH LINE STA 3044+60 - SEE DWG CS-1A07

CONSIST OF:
- PROPOSED CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

MATCH LINE STA 1205+50 - SEE DWG CS-1A09

CONSIST OF:
- PROPOSED CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

EXISTING R/W EXISTING R/W

NEW CASTLE BRANDEYWINE RIVER BRIDGE

FROM I-495 TO NORTH OF

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDEYWINE RIVER BRIDGE

SEQUENCE OF CONSTRUCTION - PHASE 1A
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1.
2. CONSTRUCT FULL DEPTH PAVEMENT AND CONCRETE BARRIER ALONG LEFT SIDE OF I-95 NORTHBOUND AND SOUTHBOUND.
3. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1.
4. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
**M.A.T.C.H. LINE STA. 1205 + 00 - SEE DWG. CS-1A08**

**M.A.T.C.H. LINE STA. 1214 + 50 - SEE DWG. CS-1A10**

**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- 3D/10 MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 1A**
1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage utility work as per guidance in the Construction Phasing plan.
2. Reconstruct shoulders.
3. Remove existing concrete median barrier and construct proposed permanent concrete median barrier.

**LOCATION PLAN.**
All pertinent temporary traffic control devices are placed as shown on this plan and the permanent warning sign plan.

**PLANS AND SECTIONS**
- SEQUENCE OF CONSTRUCTION - PHASE 1A
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- 3D/10 MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

**MATCH LINE STA. 1205 + 00 - SEE DWG. CS-1A08**

**MATCH LINE STA. 1214 + 50 - SEE DWG. CS-1A10**

**DATE:** 12/04/2018

**DEPARTMENT OF TRANSPORTATION**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 1A**

**SCALE:** 1" = 10'
**SEQUENCE OF CONSTRUCTION - PHASE 1A**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Shift traffic to designated travel lane.
2. Reconstruct shoulders.
3. Remove existing concrete median barrier and construct proposed permanent concrete median barrier.

**PROPOSED CONSTRUCTION THIS PHASE**

- Existent sign/proposed temporary sign
- Solid mounted proposed temporary sign
- Type III Barricade
- Plastic drum
- Traffic flow arrow
- Temporary P.C.C. Safety barrier, unpinned
- Temporary P.C.C. Safety barrier, pinned
- Temporary Impact attenuator
- Arrow panel
- Remove existing stripping by contractor
- Portable changeable message sign

**EXISTING SIGN/PROPOSED TEMPORARY SIGN**

**TRAFFIC FLOW ARROW**

**REMOVE EXISTING STRIPING BY CONTRACTOR**

**TYPE III BARRICADE**

**PLASTIC DRUM**

**ARROW PANEL**

**PORTABLE VARIABLE MESSAGE SIGN**

**TEMPORARY PAVING MARKINGS LEGEND**

**TEMPORARY PAVEMENT MARKING ARROW**

**TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**

**TEMPORARY IMPACT ATTENUATOR**

**PORTABLE CHANGEABLE MESSAGE SIGN**

**CONSTRUCTION PHASING LEGEND**

**MATCH LINE STA. 1214+50 - SEE DWG. CS-1A98**

**MATCH LINE STA. 1215+00 - SEE DWG. CS-1A98**

**MATCH LINE STA. 1223+50 - SEE DWG. CS-1A11**
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage to temporary work areas as designated travel lane.
2. Reconstruct shoulders.
3. Remove existing concrete median barrier and construct proposed permanent concrete median barrier.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

MATCH LINE STA. 1221+50 - SEE DWG CS-1A10

MATCH LINE STA. 1223+50 - SEE DWG CS-1A12
MATCH LINE STA. 1233+50 - SEE DWG. CS-1A11

MATCH LINE STA. 1233+50 - SEE DWG. CS-1A13

SEQUENCE OF CONSTRUCTION - PHASE 1A
1. Place all pertinent temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Shift traffic as designated travel lane.
2. Remove existing concrete median barrier and construct proposed permanent concrete median barrier.
3. Stabilize all disturbed areas.
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMORY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASE. SHAFT PAVEMENT ALONG DESIGNATED TRAFFIC LANE.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASE.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
4. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
5. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASE.

PROPOSED CONSTRUCTION THIS PHASE

EXISTING SIGN/PROPOSED TEMPORARY SIGN

TYPE III BARRICADE

PLASTIC DRUM

TEMPORARY TRAFFIC BARRIER, UNPINNED

TEMPORARY A.R.C. SAFETY BARRIER, PINNED

TEMPORARY IMPACT ATTENUATOR

PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE

EXISTING SIGN/PROPOSED TEMPORARY SIGN

TYPE III BARRICADE

PLASTIC DRUM

TEMPORARY TRAFFIC BARRIER, UNPINNED

TEMPORARY A.R.C. SAFETY BARRIER, PINNED

TEMPORARY IMPACT ATTENUATOR

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

4" SOLID WHITE PAINT

4" SOLID YELLOW PAINT

10" SOLID WHITE PAINT

10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

WHITE PAINT PAVEMENT SYMBOL

12" SOLID WHITE PAINT

16" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

4" DOTTED WHITE PAINT, 3' LINE & 9' GAP

4" BROKEN WHITE PAINT, 15' LINE & 30' GAP

4" SOLID WHITE PAINT

10" SOLID WHITE PAINT

12" SOLID WHITE PAINT

16" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

4" DOTTED WHITE PAINT, 3' LINE & 9' GAP

4" BROKEN WHITE PAINT, 10' LINE & 30' GAP

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W
**Construction Phasing Legend**

- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **ARROW PANEL**
- **TEMPORARY PAVING LEGEND**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE**
- **TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE**
- **TEMPORARY WILL AND/OR REGRADE/LEVEL CONSTRUCTION THIS PHASE**
- **TEMPORARY REGRADE/LEVEL ON PERMANENT ASPHALT PAVEMENT**
- **TEMPORARY PAVING LEGEND**
- **TEMPORARY MILL EXISTING PAVEMENT THIS PHASE**
- **TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE**
- **TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE**
- **TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT**
- **TEMPORARY PAVING LEGEND**
- **TEMPORARY MILL EXISTING PAVEMENT THIS PHASE**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**Temporary Pavement Markings Legend**

- **4” SOLID WHITE PAINT**
- **4” SOLID YELLOW PAINT**
- **10” SOLID WHITE PAINT**
- **10” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP**
- **4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” DOTTED WHITE PAINT, 2’ LINE & 6’ GAP**
- **4” DOTTED YELLOW PAINT, 2’ LINE & 6’ GAP**
- **4” DOTTED WHITE PAINT, 2’ LINE & 6’ GAP**
- **4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP**
- **4” SOLID WHITE PAINT**
- **12” SOLID WHITE PAINT**
- **16” SOLID WHITE PAINT**
- **4” SOLID WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” DOTTED WHITE PAINT, 2’ LINE & 6’ GAP**
- **4” DOTTED YELLOW PAINT, 2’ LINE & 6’ GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **4” SOLID WHITE PAINT**
- **4” SOLID YELLOW PAINT**
- **10” SOLID WHITE PAINT**
- **10” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP**
- **4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP**
- **4” DOTTED WHITE PAINT, 2’ LINE & 6’ GAP**
- **4” DOTTED YELLOW PAINT, 2’ LINE & 6’ GAP**
- **4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP**

**Designated Travel Lanes**

- **1251+00**
- **1252+00**
- **1253+00**
- **1254+00**
- **1255+00**
- **1256+00**
- **1257+00**
- **1258+00**
- **1259+00**

**Location Plan**

- **1-95 Northbound**
- **1-95 Southbound**

**Phase 1A Plans**

- **Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases to designated travel lane.**
- **Remove existing concrete median barrier and construct proposed permanent concrete median barrier.**
- **Remove existing concrete median barrier and construct temporary paving.**

**Construction Details**

- **For roadway see CS-1A47**
**PROPOSED CONSTRUCTION LEGEND**
- **Type III Barricade**
- **Plastic Drum**
- **Arrow Panel**

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 3' Line & 9' Gap**
- **White Paint Pavement Symbol**
- **12" Solid White Paint**
- **16" Solid White Paint**
- **4" Dotted White Paint, 2' Line & 6' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**

**SEQUENCE OF CONSTRUCTION - PHASE 1A**
1. **1A PLANS.** SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE

**NOTES:**
- **1269+15.** LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1265+00 AND STA. 1273+00
- **NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT**

**SCALE:**
- **0**
- **30**
- **60**
- **90**
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases, start ramp as designated travel lane.
2. Construct proposed overhead sign structure (1A).

EXISTING R/W & D.A.

EXISTING R/W

PHASE 1A

REHABILITATION OF I-65 FROM I-465 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1280 + 50 - SEE DWG CS-1A17

MATCH LINE STA. 1281 + 50 - SEE DWG CS-1A18

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 1A

ITEM

D.I.

D.I.

D.I.

D.I.

D.I.

D.I.

D.I.
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- PROPOSED CONSTRUCTION THIS PHASE

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A
1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in place, shift traffic to designated travel lane.
2. Remove existing cantilever sign structure.

MATCH LINE STA. 1301 + 50 - SEE DWG. CS-IA20
MATCH LINE STA. 1306 + 50 - SEE DWG. CS-1A22

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A
NEW CASTLE COUNTY

MATCH LINE STA. 1301 + 50 - SEE DWG. CS-IA20
MATCH LINE STA. 1306 + 50 - SEE DWG. CS-1A22

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A
NEW CASTLE COUNTY
**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**: 4" SOLID WHITE PAINT
- **ITEM**: 4" SOLID YELLOW PAINT
- **ITEM**: 10" SOLID WHITE PAINT, 3' LINE & 9' GAP
- **ITEM**: 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- **ITEM**: 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- **ITEM**: 12" SOLID WHITE PAINT
- **ITEM**: 16" SOLID WHITE PAINT
- **ITEM**: 4" DOTTED WHITE PAINT, 2' LINE & 8' GAP
- **ITEM**: 4" DOTTED YELLOW PAINT, 2' LINE & 8' GAP
- **ITEM**: WHITE PAINT PAVEMENT SYMBOL

**CONSTRUCTION PHASING LEGEND**

- **ITEM**: PROPOSED CONSTRUCTION THIS PHASE
- **ITEM**: EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- **ITEM**: SIGN MOUNTED PROPOSED TEMPORARY SIGN
- **ITEM**: TYPE 11 BARRICADE
- **ITEM**: PLASTIC DRUM
- **ITEM**: TRAFFIC FLOW ARROW
  - **ITEM**: TEMPORARY PCC SAFETY BARRIER, UNPINNED
  - **ITEM**: TEMPORARY PCC SAFETY BARRIER, PINNED
  - **ITEM**: TEMPORARY IMPACT ATTENUATOR
  - **ITEM**: ARROW PANEL
  - **ITEM**: REMOVE EXISTING STRIPE BY CONTRACTOR
  - **ITEM**: TEMPORARY PAVEMENT MARKING ARROW
  - **ITEM**: PORTABLE CHANGEABLE MESSAGE SIGN

**NOTE:**

2. **ITEM**: The presence of equipment or material shall be allowed within the buildout length of the temporary safety barrier between STA. 1467-00 and STA. 1468-00.

2. **ITEM**: See CS-1A50 for additional roadway construction details.

**CONTROL PLAN - PHASE 1A**

- **ITEM**: MATCH LINE STA. 1317+00 - SEE DWG. CS-1A22
- **ITEM**: MATCH LINE STA. 1314+50 - SEE DWG. CS-1A23
- **ITEM**: MATCH LINE STA. 1317+00 - SEE DWG. CS-1A24

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONTROL PLAN - PHASE 1A**

**SELECTION OF CONSTRUCTION - PHASE 1A**

1. **ITEM**: Install temporary WARRIOR control devices as shown on the permanent WARRIOR sign plan and stage in place, temporarily to designate travel lane.
2. **ITEM**: Remove existing concrete median barrier and construct temporary paving.
3. **ITEM**: Reconstruct shoulders and rehab.

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

- **ITEM**: **MATCH LINE STA. 1317+00 - SEE DWG. CS-1A22**
- **ITEM**: **MATCH LINE STA. 1314+50 - SEE DWG. CS-1A23**
- **ITEM**: **MATCH LINE STA. 1317+00 - SEE DWG. CS-1A24**

**SCALE**

- **ITEM**: 1" = 10'
NOTES:
1. TEMPORARY MILE 19.965 BOX WILL CLOSE ONCE I-95 SOUTH IS REOALED. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE. REMOVE EXISTING STRIPING IN TOWN OF DELAWARE.
2. SEE CS-1A24 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.
3. CONTRACTOR SHALL REPLACE WHITE PAINT PAVEMENT SYMBOL BASED OFF OF FLOW LINE AND WHITE PAINT PAVEMENT SYMBOL.
4. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE.
5. TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT.
6. RECONSTRUCT BRIDGE AND ROADWAY.
7. TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE.
8. TEMPORARY PAVING LEGEND.
9. TEMPORARY CONSTRUCTION DETAILS FOR ROADWAY.
10. PHASE 1A.
TEMPORARY PAVING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I I BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNFINISHED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td>1</td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td>2</td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td>3</td>
</tr>
<tr>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 10' GAP</td>
<td>4</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
<td>5</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 10' GAP</td>
<td>6</td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td>7</td>
</tr>
<tr>
<td>18&quot; SOLID WHITE PAINT</td>
<td>8</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 5' GAP</td>
<td>9</td>
</tr>
<tr>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 5' GAP</td>
<td>10</td>
</tr>
<tr>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
<td>11</td>
</tr>
</tbody>
</table>

NOTED:
1. THE SURFACE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RANGE OF EACH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1304+00 AND STA. 1306+00
2. SEE CS-IAB FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

DEPARTMENT OF TRANSPORTATION
TEMPORARY PAVEMENT MARKINGS LEGEND

- **ITEM**
  - **ITEM**: 4" SOLID WHITE PAINT
  - **ITEM**: 4" SOLID YELLOW PAINT
  - **ITEM**: 10" DOTTED WHITE PAINT, 3' LINE & 3' GAP
  - **ITEM**: 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
  - **ITEM**: 4" DOTTED WHITE PAINT, 3' LINE & 3' GAP
  - **ITEM**: 12" SOLID WHITE PAINT
  - **ITEM**: 10" SOLID WHITE PAINT
  - **ITEM**: 4" DOTTED WHITE PAINT, 2' LINE & 4' GAP
  - **ITEM**: WHITE PAINT PAVEMENT SYMBOL

NOTES:
- CS-1A20 AND CS-1A21 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- ADDITIONAL ROADWAY CONSTRUCTION
- REMOVE EXISTING STRIPING BY CONTRACTOR
- ARROW PANEL

TEMPORARY PAVING LEGEND

- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
Phases 1a

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

1. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES** as shown on the permanent marking sign plan and stage in place. SHUNT TRAFFIC TO DESIGNATED TRAVEL LANE.

2. **REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.**

**RECONSTRUCT SHOULDER.**

**REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.**

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

1. **SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.**

2. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES** as shown on the permanent marking sign plan and stage in place. SHUNT TRAFFIC TO DESIGNATED TRAVEL LANE.

3. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES** as shown on the permanent marking sign plan and stage in place. SHUNT TRAFFIC TO DESIGNATED TRAVEL LANE.

**NOTES:**

1. **NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1432+40 AND STA. 1436+95.**

2. **SEE CS-1A51 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.**
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANE.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE REMAINING LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1432+40 AND STA. 1436+95.

2. SEE NOTE 1

SEQUENCE OF CONSTRUCTION - PHASE 1A

M.T., AND EROSION CONTROL PLAN - PHASE 1A

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1442+50 – SEE DWG. CS-1A32

MATCH LINE STA. 1435+50 – SEE DWG. CS-1A30

DELTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

 TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN YELLOW PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

CONTRACT

COUNTY

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

ADDENDUMS / REVISIONS

T201407404
**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKI TO MOUNT PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- 8" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 8" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 8" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 8" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 8" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Keep traffic as designated travel lane.

**NOTES:**

1. No storage of equipment or material shall be allowed within the run-out length of the temporary safety barrier between STA. 1449+50 and STA. 1454+45.
CONSTRUCTION PHASING LEGEND

- Temporary Traffic Control Devices as shown on the permanent warning sign plan and stage by stage.
- Install temporary traffic control devices as shown on the permanent warning sign plan and stage.
- Temporary Full Depth Construction this Phase.
- Temporary Mill and/or Wedge/Level Construction this Phase.
- Temporary Mill and/or Wedge/Level on Permanent Asphalt Pavement.
- Temporary Paving this Phase.
- Remove existing concrete median barrier and construct temporary paving.
- Reconstruct shoulder.

NOTES:
1. No storage of equipment or material shall be allowed within the run-out length of the temporary safety barrier between STA. 2458+75 and STA. 2461+25.

TEMPORARY PAVING LEGEND

- Temporary Paving this Phase.
- Temporary Full Depth Construction this Phase.
- Temporary Mill and/or Wedge/Level Construction this Phase.
- Temporary Mill and/or Wedge/Level on Permanent Asphalt Pavement.
- Temporary Paving this Phase.
- Remove existing concrete median barrier and construct temporary paving.
- Reconstruct shoulder.

NOTE:
1. No storage of equipment or material shall be allowed within the run-out length of the temporary safety barrier between STA. 2458+75 and STA. 2461+25.

SCALE:
1' = 100' (TOPO).
1' = 100' (HIGHWAY).
1=100' (COMMERCIAL).

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
**CONSTRUCTION PHASING LEGEND**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKEW MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **REMOVAL EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**

**SEQUENCE OF CONSTRUCTION - PHASE IA**

1. **MATCH LINE STA. 1470 + 50 - SEE DWG. CS-1A35**

2. **MATCH LINE STA. 1477 + 50 - SEE DWG. CS-1A37**

**SEQUELUM**

1. **INSTALLATION OF TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANE.**

2. **REMOVAL EXISTING STRIPE BY CONTRACTOR**

3. **PLACE ALL PERTINENT TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THIS PLAN AND THE PERMANENT WARNING SIGN PLAN.**

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

1. **1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.**

2. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANE.**

**LOCATION PLAN.**

**MATCH LINE STA. 1470 + 50 - SEE DWG. CS-1A35**

**MATCH LINE STA. 1477 + 50 - SEE DWG. CS-1A37**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE IA**

**SCALE**

- **FEET**
  - 0
  - 30
  - 60
  - 90
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN
PROPOSED TEMPORARY SIGN
TYPE III BARRICADE

PLASTIC DRAIN
TRAFFIC PLOW ARROW

TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED

TEMPORARY IMPACT ATTENUATOR
ARROW PANEL

REMOVE EXISTING STRIPING BY CONTRACTOR
TEMPORARY PAVEMENT MARKING ARROW
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL VIEW

4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 3 LINE & 9" GAP
4" BROKEN WHITE PAINT, 10" LINE & 30" GAP
4" DOTTED WHITE PAINT, 3 LINE & 9" GAP
4" DOTTED WHITE PAINT, 2 LINE & 6" GAP
4" DOTTED YELLOW PAINT, 2 LINE & 6" GAP
WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANE.
**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- MOVE TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- PORTABLE IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 1A**

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC AS SHOWN ON THE PROPOSED TRAFFIC SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANE.

---

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**MATCH LINE - SEE DWG CS-1A39**

**MATCH LINE - SEE DWG CS-1A40**

**SCALE**

- FEET

---

**DEPARTMENT OF TRANSPORTATION**

**FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A**
### Temporary Pavement Markings Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; Dotted White Paint, 2 Line &amp; 6 Gap</td>
</tr>
<tr>
<td>5</td>
<td>10&quot; Dotted White Paint, 3 Line &amp; 9 Gap</td>
</tr>
<tr>
<td>6</td>
<td>12&quot; Solid White Paint</td>
</tr>
<tr>
<td>7</td>
<td>12&quot; Dotted White Paint, 3 Line &amp; 9 Gap</td>
</tr>
<tr>
<td>8</td>
<td>18&quot; Solid White Paint</td>
</tr>
<tr>
<td>9</td>
<td>18&quot; Dotted White Paint, 3 Line &amp; 9 Gap</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; Solid Yellow Paint, 2 Line &amp; 6 Gap</td>
</tr>
<tr>
<td>11</td>
<td>4&quot; Dotted Yellow Paint, 2 Line &amp; 6 Gap</td>
</tr>
<tr>
<td>12</td>
<td>White Paint Pavement Symbol</td>
</tr>
</tbody>
</table>

### Construction Phasing Legend

- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping By Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

### Construction Phasing, M.O.T., and Erosion Control Plan - Phase 1A

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Type III Barricade**

### Match Line - See DWG CS-IA39

- **540 Merging Taper (W=12')**
- **180' Shoulder Closure Taper**

### Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge
**Construction Phasing Legend**

- PROPOSED CONSTRUCTION THIS PHASE
- EXITING SIGN / PROPOSED TEMPORARY SIGN
- SAID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

**Temporary Pavement Markings Legend**

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 5' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 5' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 6' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 6' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 6' LINE & 6' GAP
- 2" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 2" BROKEN WHITE PAINT, 12' LINE & 30' GAP
- 2" BROKEN WHITE PAINT, 12' LINE & 12' GAP
- 2" BROKEN WHITE PAINT, 6' LINE & 12' GAP

**Sequence of Construction - Phase IA**

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE SEQUENCE OF CONSTRUCTION - PHASE 1A

**Control Plan - Phase 1A**

- FROM I-95 NORTHBOUND TO SR 202 NORTHBOUND
- FROM SR 202 SOUTHBOUND TO I-95 NORTHBOUND

**From I-95 to North of Brandywine River Bridge**

- CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

**Rehabilitation of I-95**

- FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

**Delaware Department of Transportation**

- DESIGNER
- REVIEVER

**Total Sheets**

- SHEET NO.

**Contract**

- COUNTY

**Addendums / Revisions**

- DATE: 7/18/2018
- TIME: 9:12:26 AM

**Location Plan**

- STABILIZE ALL DISTURBED AREAS.

TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
MILL EXISTING PAVEMENT THIS PHASE

BASELINE ELEVATIONS

<table>
<thead>
<tr>
<th>STATION</th>
<th>MLA EL.</th>
<th>PMA EL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1257+50</td>
<td>16.78'</td>
<td></td>
</tr>
<tr>
<td>1258+00</td>
<td>17.19'</td>
<td></td>
</tr>
<tr>
<td>1258+50</td>
<td>17.51'</td>
<td></td>
</tr>
<tr>
<td>1259+00</td>
<td>17.87'</td>
<td></td>
</tr>
<tr>
<td>1259+50</td>
<td>18.24'</td>
<td></td>
</tr>
<tr>
<td>1260+00</td>
<td>18.65'</td>
<td></td>
</tr>
<tr>
<td>1260+50</td>
<td>19.01'</td>
<td></td>
</tr>
<tr>
<td>1261+00</td>
<td>19.35'</td>
<td></td>
</tr>
</tbody>
</table>

BUILD PERMANENT MEDIAN BARRIER IN PHASE 4

NOTES:
1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEETS FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, WATER CROSSING, ETC.
2. REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPER-ELEVATION RATES/TRANSITIONS.
3. REFER TO 10 TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY DESIGN
4. SHADING INDICATES CONSTRUCTION FOR THIS PHASE, PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHANED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   - GRADED AGGREGATE BASE COURSE, TYPE B - 8" - 6% TO VARIES
   - CONCRETE BASE COURSE - 4"
   - BITUMINOUS CONCRETE, SUPERPAVE
   - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"

6. TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   - CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
   - SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY ROADWAY SECTIONS REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL LANES CROSS SLOPES AND SUPER-ELEVATION RATES/TRANSITIONS.

7. PAVEMENT (SEE NOTE 5)
   - TEMPORARY FULL-DEPTH BARRIER AND PLACE REMOVE EXISTING MEDIAN BARRIER IN PHASE 4
   - BUILD PERMANENT MEDIAN BARRIER IN PHASE 4
   - REFER TO CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, WATER CROSSINGS, ETC.

VIEW:
- BASELINE I-95
- RIGHT-OF-WAY CONSTRUCTION AND M.O.T.
- CONSTRUCTION AND M.O.T. BASELINE +35

DELWARE DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
TEMPORARY PAVING LEGEND

- **Temporary Full Depth Construction This Phase**
- **Temporary Mill and/or Wedge/Level Construction This Phase**
- **Temporary Wedge/Level on Permanent Asphalt Pavement**
- **Temporary Existing Pavement**

**Note:**
1. **Temporary Full Depth Construction Section:**
   - 8" Graded Aggregate Base Course, Type B
   - PG 64-22 (4" Lifts Max.)
   - 8" Bituminous Concrete, Superpave Bituminous Concrete Base Course, 160 Gyrations
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 64-22
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 70-22
   - 2" Bituminous Concrete, Superpave Type C, 160 Gyrations, PG 70-22 (Non-Carbonate Stone)

2. **Temporary Mill and/or Wedge/Level Construction:**
   - 8" Graded Aggregate Base Course, Type B
   - Proposed Temporary Full Depth Pavement Section

**Plan Sheet for Temporary Pavement Markings, Temporary Barrier Locations, Lane Transitions, Taper Lengths, etc.**

**Construction and Right-of-Way Baseline:**

**Notes:**
1. **Temporary Mill and/or Wedge/Level Construction:**
   - 8" Graded Aggregate Base Course, Type B
   - PG 64-22 (4" Lifts Max.)
   - 8" Bituminous Concrete, Superpave Bituminous Concrete Base Course, 160 Gyrations
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 64-22
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 70-22
   - 2" Bituminous Concrete, Superpave Type C, 160 Gyrations, PG 70-22 (Non-Carbonate Stone)

2. **Temporary Full Depth Construction Section:**
   - 8" Graded Aggregate Base Course, Type B
   - PG 64-22 (4" Lifts Max.)
   - 8" Bituminous Concrete, Superpave Bituminous Concrete Base Course, 160 Gyrations
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 64-22
   - 3" Bituminous Concrete, Superpave Type B, 160 Gyrations, PG 70-22
   - 2" Bituminous Concrete, Superpave Type C, 160 Gyrations, PG 70-22 (Non-Carbonate Stone)
TEMPORARY PAVING LEGEND

- **TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE**
- **TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE**
- **TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT**
- **MILL EXISTING PAVEMENT THIS PHASE**

---

**NOTES:**
1. **ADDENDUMS / REVISIONS**

   - **NEW CASTLE BRIDGE**
   - **BRANDYWINE RIVER BRIDGE**
   - **FROM I-495 TO NORTH OF T201407404**
   - **CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, BARRIERS, LANE TRANSITIONS, TAPER LENGTHS, ETC.**
   - **REFERENCES TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, BARRIERS, LANE TRANSITIONS, TAPER LENGTHS, ETC.**

2. **PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:**
   - **8" GRADED AGGREGATE BASE COURSE, TYPE B**
   - **PG 64-22 (4" LIFTS MAX.)**
   - **8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22**
   - **3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22**
   - **2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)**
   - **PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:**

---

**SCALE:**

- **1" = 20'**

**MATERIALS:**

- **8" GRADED AGGREGATE BASE COURSE, TYPE B**
- **PG 64-22 (4" LIFTS MAX.)**
- **8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22**
- **3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22**
- **2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)**
NOTES:
1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN DEPICTED FOR TEMPORARY TRAFFIC DIVERSION, SERVING, TEMPORARY ROADWAY SECTIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. SUPPLEMENTARY CROSS SLOPE
SHOULDER CUTS IN LANE CROSS SLOPE AND SUPPLEMENTARY CROSS SLOPE TRANSITIONS.
3. REFER TO SECTION 15-2 THROUGH 15-15 FOR FINAL ROADWAY SECTIONS
SHADECODES DESIGNATION FOR THIS PHASE, PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHAD ED.

I-95 PHASE 1A
SB STATION 2340+91 TO STATION 2345+91

I-95 PHASE 1A
SB STATION 2345+95 TO STATION 2345+91

LEGEND
1. NEW ROADWAY - BITUMINOUS CONCRETE, SUPERPAVE TYPE A, 160 GYRATIONS PG 64-22 WEDGE
2. ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 WEDGE
3. ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PA VEMENT
4. ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH

I-95 PHASE 1A
NB STATION 1347+97 TO NB STATION 1352+14
SB STATION 2348+05 TO SB STATION 2352+20

I-95 PHASE 1A
SB STATION 2352+25 TO SB STATION 2352+41

I-95 PHASE 1A
NB STATION 1353+28 TO NB STATION 1360+00
SB STATION 2352+40 TO SB STATION 2357+60

TEMPORARY WEDGE ELEVATIONS

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDINGY RUN BRIDGE

DEPARTMENT OF TRANSPORTATION
I-95 PHASE 1A

NEW CASTLE BRIDGE FROM I-495 TO NORTH OF REHABILITATION OF I-95 T201407404

NOTE 5
PAVEMENT (SEE NOTE 5)

5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION
B-BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PC 70-22 (NON-CARBONATE STONE)
C-BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PC 84-22
D-BITUMINOUS CONCRETE SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS
E-GRANITE BASE COURSE, TYPE B

6. PROPOSED TEMPORARY WEDGE PAVEMENT
B-BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PC 64-22 WEDGE (1" LIFTS MAX)

7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
B-BITUMINOUS CONCRETE, SUPERPAVE TYPE C - 2" E-BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PC 70-22 (NON-CARBONATE STONE) - 1" F-GRADED BASE COURSE, TYPE B - 2"

Graded Aggregate Base Course, Type B 8"
Concrete Base Course - 4"
Bituminous Concrete, Superpave, Bituminous Concrete Base Course - 3" Bituminous Concrete, Superpave, Type B - 3"
Bituminous Concrete, Superpave, Type C - 2"

PROPOSED TEMPORARY WEDGE PAVEMENT:
8" GRADED AGGREGATE BASE COURSE, TYPE B - 8"
PG 64-22 (4" LIFTS MAX.
8" BITUMINOUS CONCRETE, SUPERPAVE - 8"
3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 84-22
3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)

PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
TO STATION 2357+26

SB PGA EL.
STATION TEMPORARY WEDGE ELEVATIONS

LEGEND
HEIGHT ABOVE PROPOSED GRADE
2354+00.00 2353+75.00 2353+50.00
2355+00.00 2354+75.00 2354+50.00
2356+00.00 2355+75.00 2355+50.00
2357+00.00 2356+75.00 2356+50.00
2358+00.00 2357+75.00 2357+50.00
2359+00.00 2358+75.00 2358+50.00
2360+00.00 2359+75.00 2359+50.00
2360+75.00 2360+50.00 2360+25.00
2360+75.00 2360+50.00 2360+25.00
2360+75.00 2360+50.00 2360+25.00
2360+75.00 2360+50.00 2360+25.00

ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH
**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIG/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- 4" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 1B**
- Maintain temporary traffic control devices from stage 1A for I-95 NB, as shown on plan.

**MATCH LINE - SEE DWG. CS-1B02**
- TEMP-100 (24’ x 3’)
- TEMP-101 (24’ x 3’)
- TEMP-100 (24’ x 3’)
- TEMP-101 (24’ x 3’)

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**
- I-295 NORTHBOUND
- I-95 NORTHBOUND

**SIGNIFICANT FEATURES**
- **MATCH LINE** - SEE DWG. CS-1B02
- **PHASE X**
- **ITEM**
- **SYMBOL**
- **TYPE III BARRICADE**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**DELTA EROSION CONTROL PLAN - PHASE 1B**
- **C.B.** 9051
- **C.B.** 9073
- **C.B.** 9074
- **C.B.** 9075

**SCALE**
- FEET
- 0
- 30
- 60
- 90
- 1500'

**CONSTRUCTION PHASING**
- **M.O.T., AND EROSION CONTROL PLAN - PHASE 1B**
- **PHASE 1B**
- **ITEM**
- **SYMBOL**
- **TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.**

**NEW CASTLE BRANDYWINE RIVER BRIDGE**
- FROM I-495 TO NORTH OF REHABILITATION OF I-95

**CONTROL PLAN - PHASE 1B**
- **I-295 NORTHBOUND**
- **I-95 NORTHBOUND**
**Construction Phasing Legend**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SOLID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- TEMPORARY TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

**Temporary Pavement Markings Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Temporary Pavement Markings Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2.</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3.</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4.</td>
<td>10&quot; DOTTED WHITE PAINT, 5' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>5.</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6.</td>
<td>4&quot; DOTTED WHITE PAINT, 5' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7.</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8.</td>
<td>12&quot; DOTTED WHITE PAINT, 5' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>9.</td>
<td>18&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>10.</td>
<td>18&quot; DOTTED WHITE PAINT, 5' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>11.</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>12.</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>13.</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
</tbody>
</table>

**Sequence of Construction - Phase 1B**

- Maintain temporary traffic control devices from stage 1A for I-95 NB, as shown on plan.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SDM MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

- MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UNPINNED
- TEMPORARY PCC SAFETY BARRIER, PINNED
- PORTABLE IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

MATCH LINE STA 3010+00 - SEE DWG. CS-1B03
MATCH LINE STA 3016+00 - SEE DWG. CS-1B05

DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

SCALE: 1"=100'
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- S/A/D MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; BROKEN WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; BROKEN WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8</td>
<td>12&quot; BROKEN WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; BROKEN WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; BROKEN WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>11</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>12</td>
<td>6&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>13</td>
<td>6&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>14</td>
<td>6&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>15</td>
<td>6&quot; DOTTED WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>16</td>
<td>6&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>17</td>
<td>6&quot; DOTTED WHITE PAINT, 12' LINE &amp; 36' GAP</td>
</tr>
<tr>
<td>18</td>
<td>6&quot; DOTTED WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>19</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

MATCH LINE STA. 1208-40 - SEE DWG. CS-1809

MATCH LINE STA. 3044-50 - SEE DWG. CS-1807

SCALE

30' 60' 90'

0 A

9.5' x 4.5'

21.0' x 2'

22' x 13'

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPO IMPACT ATTENUATOR

4" BROKEN WHITE PAINT, 12' LINE & 30' GAP

12" SOLID WHITE PAINT

10" SOLID WHITE PAINT

4" BROKEN WHITE PAINT, 12' LINE & 30' GAP

18" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED WHITE PAINT, 3' LINE & 9' GAP

WHITE PAINT PAVEMENT SYMBOL

12" SOLID WHITE PAINT

16" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

4" SOLID WHITE PAINT

10" SOLID WHITE PAINT

10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

WHITE PAINT PAVEMENT SYMBOL

12" SOLID WHITE PAINT

16" SOLID WHITE PAINT

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

4" BROKEN WHITE PAINT, 10' LINE & 30' GAP

MATCH LINE STA. 1205-50 - SEE DWG. CS-1809

MATCH LINE STA. 3044+50 - SEE DWG. CS-1807

CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION - THIS PHASE
EXISTING SIGNS/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE I Barricade
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY M.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY M.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE NON-SIGN PAVING PANEL
PORTABLE PAVING PANEL
PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Maintain temporary traffic control devices from stage in R1-99N, as shown on plan.
2. Install additional temporary traffic control devices as shown on the stage 1B Plan. Short stages to delineate travel lanes.
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
MOUNTED PROPOSED TEMPORARY SIGN
TYPE Ilam BARRIACADE
PLASTIC DRUM

TRAFFIC FLOW ARROW

TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL

REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

SYMBOL

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" BROKEN WHITE PAINT, 2' LINE & 6' GAP
5. 10" SOLID WHITE PAINT
6. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
7. WHITE PAINT PAVEMENT SYMBOL
8. PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. REMOVE MOUNTED TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A NORTH, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SMART
SIGNALS TO BE REOWNERED SIGNAL TYPES.
3. RECONSTRUCT SANDBAGS.

MATCH LINE STA. 1214+50 - SEE DWG. CS-1B10

MATCH LINE STA. 1225+50 - SEE DWG. CS-1B08

SANDBAG DIVERSION (SBD)

<table>
<thead>
<tr>
<th>NO</th>
<th>STA (G)</th>
<th>STA (L)</th>
<th>C.L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1212+04</td>
<td>129 72</td>
<td>12</td>
</tr>
<tr>
<td>2</td>
<td>1214+44</td>
<td>129 74</td>
<td>38</td>
</tr>
</tbody>
</table>

NEW CASTLE BRANCHY RIVER BRIDGE

FROM I-495 TO NORTH OF

REHABILITATION OF I-95

M.O.T., AND EROSION

CONSTRUCTION PHASING, M.O.T., AND EROSION

CONTROL PLAN - PHASE 1B
**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- ARMOR
- TRAFFIC FLOW MARKER
- TEMPORARY PVC SAFETY BARRIER, UNPINNED
- TEMPORARY PVC SAFETY BARRIER, PINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- POINT OF PROPOSED TEMPORARY SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
  - 1: 4" SOLID WHITE PAINT
  - 2: 4" SOLID YELLOW PAINT
  - 3: 10" SOLID WHITE PAINT
  - 4: 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
  - 5: 12" SOLID WHITE PAINT
  - 6: 12" DOTTED WHITE PAINT, 3' LINE & 9' GAP
  - 7: 16" SOLID WHITE PAINT
  - 8: 16" DOTTED WHITE PAINT, 2' LINE & 6' GAP
  - 9: 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
  - 10: 4" SOLID WHITE PAINT
  - 11: 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
  - 12: 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
  - 13: 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
  - 14: 4" DOTTED YELLOW PAINT, 3' LINE & 9' GAP
  - 15: 4" SOLID WHITE PAINT
  - 16: 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP

- **SEQUENCE OF CONSTRUCTION - PHASE 1B**
  - 1: Maintain temporary traffic control devices from Stage 1A for I-95 NB, as shown on plan.
  - 2: Install additional temporary traffic control devices as shown on the plan to phase 1B.
  - 3: Shift traffic as shown on plan.

**SANDBAG DIVERSION (SBD)**

- ND: STATION
- NC: L.F.
- NS: L.T.
- YD: 3'4"
**CONSTRUCTION PHASING LEGEND**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SOLID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRIERS**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **WHITE PAINT PAVEMENT SYMBOL**

**SEQUENCE OF CONSTRUCTION - PHASE 1B**

1. **Remove Existing Stripping by Contractor**
2. **Temporary Pavement Marking Arrow**
3. **Portable Changeable Message Sign**
4. **H3-175**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
- **SYMBOL**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **12" SOLID WHITE PAINT**
- **16" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
- **4" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>NO.</th>
<th>SYMBOL</th>
<th>IMP.</th>
<th>C.L.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1223+54</td>
<td>104'</td>
<td>24</td>
</tr>
<tr>
<td>2</td>
<td>1224+54</td>
<td>123'</td>
<td>32</td>
</tr>
<tr>
<td>3</td>
<td>1224+54</td>
<td>123'</td>
<td>32</td>
</tr>
</tbody>
</table>
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGNS/PROPOSED TEMPORARY SIGN
6" MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.L.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.L.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REPLACE EXISTING STRIPE BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
SYMBOL
TEMPORARY PAVEMENT MARKING ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY IMPACT ATTENUATOR
PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 3-074, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 3 PHASE.
3. RECEPTACLE SCHEMATIC.

SANDBAG DIVERSION (SBD)

NO.  L.F.  STATION  OFFSET
1.  1233+00  113'  LT.  35
2.  1235+00  104'  LT.  35
3.  1237+01  94'  LT.  28
4.  1239+01  95'  LT.  28
5.  1241+00  107'  LT.  72

MATCH LINE STA. 1232+50 - SEE DWG. CS-1B1
MATCH LINE STA. 1241+50 - SEE DWG. CS-1B13
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGNS/PROPOSED TEMPORARY SIGNS
10" MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.L.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.L.C. SAFETY BARRIER, PINNED ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" SOLID YELLOW PAINT
5. 10" DOTTED WHITE PAINT
6. 10" DOTTED YELLOW PAINT
7. 4" BROKEN WHITE PAINT
8. 4" BROKEN YELLOW PAINT
9. 4" DOTTED WHITE PAINT
10. 4" DOTTED YELLOW PAINT
11. 4" DOTTED WHITE PAINT
12. 4" DOTTED WHITE PAINT
13. 4" DOTTED WHITE PAINT
14. WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Install additional temporary traffic control devices as shown on plan. Shorten stripes to designated travel lanes.
2. Remove existing stripes by contractor.
3. Install additional temporary traffic control devices as shown on plan. Shorten stripes to designated travel lanes.
4. Install additional temporary traffic control devices as shown on plan. Shorten stripes to designated travel lanes.
5. Install additional temporary traffic control devices as shown on plan. Shorten stripes to designated travel lanes.

SANDBAG DIVERSION (SBD)

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>L.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>86'</td>
<td>28</td>
</tr>
<tr>
<td>2</td>
<td>1253+00</td>
<td>94'</td>
<td>36</td>
</tr>
<tr>
<td>3</td>
<td>1255+01</td>
<td>116'</td>
<td>78</td>
</tr>
<tr>
<td>4</td>
<td>1258+00</td>
<td>94'</td>
<td>40</td>
</tr>
<tr>
<td>5</td>
<td>1259+00</td>
<td>117'</td>
<td>79</td>
</tr>
</tbody>
</table>

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B
**PROPOSED CONSTRUCTION LEGEND**

- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **PLACED MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
- **SYMBOL**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**SEQUENCE OF CONSTRUCTION - PHASE 1B**

1. Maintain temporary traffic control devices from stage 1a for i-95 nb, as shown on plan.
2. Install additional temporary traffic control devices as shown on the stage 1 plans. Shift traffic to designated travel lanes.
3. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>L.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1259+51</td>
<td>116' LT.</td>
<td>75</td>
</tr>
<tr>
<td>2</td>
<td>1261+00</td>
<td>90' LT.</td>
<td>31</td>
</tr>
<tr>
<td>3</td>
<td>1262+00</td>
<td>90' LT.</td>
<td>25</td>
</tr>
<tr>
<td>4</td>
<td>1263+00</td>
<td>100' LT.</td>
<td>44</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 1B**

1. Reconstruct median barrier into proposed permanent median barrier.
2. Temporary safety barrier into proposed permanent median barrier.

**SCALE**

- 0'
- 30'
- 60'
- 90'

**MATCH LINE STA 1268+50 - SEE DWG. CS-1B14**

**MATCH LINE STA 1295+50 - SEE DWG. CS-1B14**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B**

**NEW CASTLE COUNTY**

**PLAN**

**DATE**

- 2014-07-30

**SCALE**

- 1" = 100'
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Skid-Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Temporary Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary Impact Attenuator Arrow Panel**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Item**

1. 4" Solid White Paint
2. 4" Solid Yellow Paint
3. 10" Solid White Paint
4. 10" Dotted White Paint, 3' Line & 9' Gap
5. 4" Broken White Paint, 10' Line & 30' Gap
6. 4" Dotted White Paint, 3' Line & 9' Gap
7. 12" Solid White Paint
8. 12" Solid White Paint
9. 18" Solid White Paint
10. 4" Dotted White Paint, 2' Line & 6' Gap
11. 4" Dotted Yellow Paint, 2' Line & 6' Gap
12. White Paint Pavement Symbol

**Sequence of Construction - Phase III**

1. Maintain Temporary Traffic Control Devices from Stage 1A for I-95 SB, as shown on plan.
2. Install additional temporary traffic control devices as shown on the Stage 1B plan. Shift traffic to designated travel lanes.

**Match Line STA. 1266+50 - See DWG. CS-1B15**

**Match Line STA. 1273+50 - See DWG. CS-1B17**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 1B**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE II BARRIERS

- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UNPINNED
- TEMPORARY PCC SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGNS
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT
5. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
6. 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
7. 12" SOLID WHITE PAINT
8. 12" DOTTED WHITE PAINT
9. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
10. 6" BROKEN WHITE PAINT, 10' LINE & 30' GAP
11. 18" SOLID WHITE PAINT
12. 18" DOTTED WHITE PAINT
13. 18" DOTTED WHITE PAINT, 2' LINE & 6' GAP
14. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
15. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
16. WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. Remove temporary traffic control devices from Stage 1A for I-95 SB, as shown on plan.
2. Install additional temporary traffic control devices as shown on the Stage 1B plans.
3. Shift traffic to designated travel lanes.
CONSTRUCTION PHASING LEGEND

EXISTING SIGN/PROPOSED TEMPORARY SIGN
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

PROPOSED CONSTRUCTION THIS PHASE
- SOLID MOUNTED PROPOSED TEMPORARY SIGN

SECTION |
| SHEET NO. |
| N : 19 8 7 -0 0 4 |
| CONTRA C T_ I-9 5 |
| CAD D |
| TRAFFIC |
| CS-1B18.dgn |
| 5 /2 1/2 0 19 |
| 9 :5 0 :0 2 A M |

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. Maintain temporary traffic control devices from stage 1B to 1A, as shown on plan.
2. Install additional temporary traffic control devices as shown on the stage 1A plans. Shift traffic to designated travel lanes.

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; BROKEN WHITE PAINT, 3' LINE &amp; 9' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td></td>
</tr>
</tbody>
</table>

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. Maintain temporary traffic control devices from stage 1A - I-95 NB as shown on plan.
2. Maintain additional temporary traffic control devices as shown on the permanent warning sign.
3. Install additional temporary traffic control devices as shown on the permanent warning sign.
4. Follow the stage 1A signs, charts shown in the project manual.

NEW CASTLE
BRANDYWINE RIVER BRIDGE
FROM I-495 TO NORTH OF
REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION
CONTROL PLAN - PHASE 1B
**CONSTRUCTION PHASING LEGEND**

- **Proposed Construction This Phase:**
  - Existing Sign/ Proposed Temporary Sign
  - SKID Mounted Proposed Temporary Sign
  - Type I/II Barricade
- **Temporary Traffic Control Devices:**
  - Plastic Drum
  - Temporary T.C.C. Safety Barrier, Unpinned
  - Temporary T.C.C. Safety Barrier, Pinned
  - Temporary Impact Attenuator
  - Arrow Panel
  - Remove Existing Striping by Contractor
  - Portable Changeable Message Sign

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT, 10&quot; LINE &amp; 30&quot; GAP</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; BROKEN WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
</tr>
<tr>
<td>7</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8</td>
<td>12&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; DOTTED YELLOW PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>11</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE I**

1. Maintain Temporary Traffic Control Devices from Stage I for I-95 NB, as shown on Plan.
2. Install Additional Temporary Traffic Control Devices as shown on the Stage II Plans. Shown in black are designated travel lanes.

**MATCH LINE STA. 1301+50 - SEE DWG. CS-1819**

**MATCH LINE STA. 1301+50 - SEE DWG. CS-1821**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE I**

**DRAWN:**

**CHECKED:**

**DATE:**

**SCALE:**

**SHEET NO.:**

**TITLE:**

**DRAWN:**

**CHECKED:**

**DATE:**

**SCALE:**

**SHEET NO.:**

**TITLE:**
INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPorary p.c.c. SAFETY BARRIER, UNFINISHED
TEMPorary p.c.c. SAFETY BARRIER, FINISHED
TEMPorary impact attenuator
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
12" SOLID WHITE PAINT
16" SOLID WHITE PAINT
4" DOTTED WHITE PAINT, 2' LINE & 8' GAP
4" DOTTED YELLOW PAINT, 2' LINE & 8' GAP
WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
WILL EXISTING PAVEMENT THIS PHASE

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE WORK ZONE LIMITS OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1326+50 AND STA. 1327+50.
2. SEE CS-1B41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.

MILL EXISTING PAVEMENT THIS PHASE

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO STAGE 1B PATH.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DELWARE DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

REPLACEwit EXISTING PAVEMENT MARKING

MATCH LINE STA. 1321+50 – SEE DWG CS-1B23

MATCH LINE STA. 1327+50 – SEE DWG CS-1B25

200' SHIFTING TAPER (9.15')

6' W/ EXISTING PAVEMENT MARKING

15' SHIFTING TAPER (12.5')

4' DRAIN

295' SHIFTING TAPER (W=10.5')

MATCH LINE STA. 1321+50 – SEE DWG CS-1B23

MATCH LINE STA. 1327+50 – SEE DWG CS-1B25

REPLACE WITH EXISTING PAVEMENT MARKING

200' SHIFTING TAPER (9.15')

6' WITH EXISTING PAVEMENT MARKING

15' SHIFTING TAPER (12.5')

4' DRAIN

295' SHIFTING TAPER (W=10.5')

MATCH LINE STA. 1321+50 – SEE DWG CS-1B23

MATCH LINE STA. 1327+50 – SEE DWG CS-1B25

REPLACE WITH EXISTING PAVEMENT MARKING

200' SHIFTING TAPER (9.15')

6' WITH EXISTING PAVEMENT MARKING

15' SHIFTING TAPER (12.5')

4' DRAIN

295' SHIFTING TAPER (W=10.5')
TEMPORARY PAVING LEGEND
1. TEMPO 4" SOLID WHITE PAINT
2. TEMP 4" SOLID YELLOW PAINT
3. TEMP 10" SOLID WHITE PAINT
4. TEMP 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
5. TEMP 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
6. TEMP 12" SOLID WHITE PAINT
7. TEMP 16" SOLID WHITE PAINT
8. TEMP 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
9. TEMP 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
10. TEMP WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. PROPOSED DRAINAGE SYSTEM TO BE BLOCKED UNTIL PHASE 2B.
NOTES:
1. STA. 2350+10 AND STA. 2352+40.

CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 1/1 BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNFINISHED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
SYMBOL
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 5' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

ITEM
- WHITE PAINT PAVEMENT SYMBOL

ADDENDUMS / REVISIONS
- 27 - 1B

2. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2350+10 AND STA. 2352+40.
CONSTRUCTION PHASING LEGEND

- **CONSTRUCTION PHASING THIS PHASE**
- **EXISTING SIGNS/PROPOSED TEMPORARY SIGN**
- **SAI MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE 111 BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **PORTABLE CHANGABLE MESSAGE SIGN**

TEMPORARY PAVEMENT MARKINGS LEGEND

**ITEM**

1. **4" SOLID WHITE PAINT**
2. **4" SOLID YELLOW PAINT**
3. **10" SOLID WHITE PAINT**
4. **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
5. **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
6. **4" DOTTED WHITE PAINT, 10' LINE & 30' GAP**
7. **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
8. **13" SOLID WHITE PAINT**
9. **16" SOLID WHITE PAINT**
10. **4" DOTTED WHITE PAINT, 2' LINE & 8' GAP**
11. **4" DOTTED YELLOW PAINT, 2' LINE & 8' GAP**
12. **WHITE PAINT PAVEMENT SYMBOL**

**NOTE:**

No storage of equipment or materials shall be allowed within the runout length of the temporary safety barrier between STA. 2000+00 and STA. 2300+00.

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. Maintain temporary traffic control devices from STA. 1900+00 to STA. 1950+00, as shown on plan.
2. Install additional temporary traffic control devices as shown on permanent warning signs and signs of plan.
3. Synchronize to designated travel lanes.
CONSTRUCTION PHASING LEGEND

● PROPOSED CONSTRUCTION THIS PHASE
● EXISTING SIGNS/PROPOSED TEMPORARY SIGN
● 8'/D MOUNTED PROPOSED TEMPORARY SIGN
● TYPE 111 BARRIERS
● PLASTIC DRUM
● TRAFFIC FLOW ARROW
● TEMPORARY P.C.C. SAFETY BARRIER, PINNED
● TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
● TEMPORARY IMPACT ATTENUATOR
● ARROW PANEL
● REMOVE EXISTING STRIPING BY CONTRACTOR
● TEMPORARY PAVEMENT MARKING ARROW
● PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 8' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 8' GAP
- WHITE PAINT PAVEMENT SYMBOL

SCALE 1"=100’

DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PHASING

CONSTRUCTION PHASING LEGEND

SEQUENCE OF CONSTRUCTION — PHASE 1B

1. Maintain temporary traffic control devices from Stage 1A for I-95 NB, as shown on plan.
2. Install additional temporary traffic control devices as shown on permanent warning sign plan and other plans. Leave symbols to designate tidal lanes.

DELAWARE

DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CIVIL

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

TOTAL SHTS. 3-420
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.L.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.L.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE TEMPORARY SIGN
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. TEMPORARY PAVEMENT MARKING ARROW
2. TEMPORARY IMPACT ATTENUATOR
3. PORTABLE CHANGEABLE MESSAGE SIGN
4. PORTABLE PAVEMENT MARKING ARROW
5. WHITE PAINT PAVEMENT SYMBOL
6. 30" RCP
7. 24" RCP
8. 18" RCP
9. 15" VCP
10. TUBING - 1452 + 00
11. TUBING - 1453 + 00
12. TUBING - 1454 + 00
13. TUBING - 1455 + 00
14. TUBING - 2452 + 00
15. TUBING - 2453 + 00
16. TUBING - 2454 + 00
17. PROPOSED DETOUR
18. TEMP-118

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Install temporary traffic control devices from Stage 1B as shown on plan.
2. Install additional temporary traffic control devices as shown on permanent traffic control plan and sign in Stage 1A, above.
3. Increase work area to designated work area.

DELTA DEPARTMENT OF TRANSPORTATION
DELAWARE
TOTAL SHEETS
SHEET NO.
CONTRACT
COUNTY
DESIGNED BY:
CHECKED BY:
BRIDGE NO.
ADDENDUMS / REVISIONS

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.L.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.L.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE TEMPORARY SIGN
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. TEMPORARY PAVEMENT MARKING ARROW
2. TEMPORARY IMPACT ATTENUATOR
3. PORTABLE CHANGEABLE MESSAGE SIGN
4. PORTABLE PAVEMENT MARKING ARROW
5. WHITE PAINT PAVEMENT SYMBOL
6. 30" RCP
7. 24" RCP
8. 18" RCP
9. 15" VCP
10. TUBING - 1452 + 00
11. TUBING - 1453 + 00
12. TUBING - 1454 + 00
13. TUBING - 1455 + 00
14. TUBING - 2452 + 00
15. TUBING - 2453 + 00
16. TUBING - 2454 + 00
17. PROPOSED DETOUR
18. TEMP-118

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Install temporary traffic control devices from Stage 1B as shown on plan.
2. Install additional temporary traffic control devices as shown on permanent traffic control plan and sign in Stage 1A, above.
3. Increase work area to designated work area.

DELTA DEPARTMENT OF TRANSPORTATION
DELAWARE
TOTAL SHEETS
SHEET NO.
CONTRACT
COUNTY
DESIGNED BY:
CHECKED BY:
BRIDGE NO.
ADDENDUMS / REVISIONS

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.L.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.L.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE TEMPORARY SIGN
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. TEMPORARY PAVEMENT MARKING ARROW
2. TEMPORARY IMPACT ATTENUATOR
3. PORTABLE CHANGEABLE MESSAGE SIGN
4. PORTABLE PAVEMENT MARKING ARROW
5. WHITE PAINT PAVEMENT SYMBOL
6. 30" RCP
7. 24" RCP
8. 18" RCP
9. 15" VCP
10. TUBING - 1452 + 00
11. TUBING - 1453 + 00
12. TUBING - 1454 + 00
13. TUBING - 1455 + 00
14. TUBING - 2452 + 00
15. TUBING - 2453 + 00
16. TUBING - 2454 + 00
17. PROPOSED DETOUR
18. TEMP-118

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Install temporary traffic control devices from Stage 1B as shown on plan.
2. Install additional temporary traffic control devices as shown on permanent traffic control plan and sign in Stage 1A, above.
3. Increase work area to designated work area.
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I I BARRIACADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- SYMBOL
- ITEM
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 4" BROKEN WHITE PAINT
- 4" BROKEN YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" SOLID YELLOW PAINT
- 10" BROKEN WHITE PAINT
- 10" BROKEN YELLOW PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 10" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 10" SOLID WHITE PAINT
- 10" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" SOLID YELLOW PAINT
- 4" SOLID WHITE PAINT
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 4" SOLID YELLOW PAINT

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Place Temporary Traffic Control Devices from Stage 1A to 1B, as shown on Plan.
2. Install additional Temporary Traffic Control Devices, as shown on Permanent Warning Sign Plan and Stage 1A Plans. Shown through to designated traffic levels.
3. Reconstruct shoulders.

NOTES:
1. No storage of equipment or material shall be allowed within the run-out length of the Temporary Safety Barrier between Stai 2457+50 and Stai 2462+00.

DELTA DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

NEW CASTLE COUNTY

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL. PLAN - PHASE 1B

MATCH LINE STA SB 2462+50 = SEE DWG CS-1B33
MATCH LINE STA SB 2463+50 = SEE DWG CS-1B34

CS-1B34-201407404
SEQUENCE OF CONSTRUCTION

PHASE 1B

1. Remove temporary traffic control devices from Stage 1A and Stage 1B.
2. Install additional temporary traffic control devices as shown on the temporary warning sign.
3. Shift traffic to designated travel lanes.

CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRELL, UNPINNED
TEMPORARY P.C.C. SAFETY BARRELL, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. " SOLID WHITE PAINT
2. " SOLID YELLOW PAINT
3. " SOLID WHITE PAINT
4. " BROKEN WHITE PAINT
5. " DOTTED WHITE PAINT
6. " DOTTED YELLOW PAINT
7. " SOLID WHITE PAINT
8. " SOLID WHITE PAINT
9. " SOLID WHITE PAINT
10. " BROKEN WHITE PAINT
11. " DOTTED WHITE PAINT
12. " DOTTED WHITE PAINT
13. " DOTTED WHITE PAINT
14. " DOTTED WHITE PAINT
15. " DOTTED WHITE PAINT
16. " DOTTED WHITE PAINT
17. " DOTTED WHITE PAINT
18. " DOTTED WHITE PAINT
19. " DOTTED WHITE PAINT
20. " DOTTED WHITE PAINT

MATCH LINE STA. 1470+50 - SEE DWG. CS-1B36
MATCH LINE STA. 1471+50 - SEE DWG. CS-1B34
MATCH LINE STA. SB 2463+50 - SEE DWG. CS-1B54

EXISTING R/W
EXISTING P.E.
SEQUENTIAL TRAFFIC CONTROL - PHASE 1B
PLAN AND STAGE 1B PLANS
SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN.
MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB AND FOR I-95 SB FROM STA. 1464+00 TO THE NORTH, AS SHOWN ON PLAN.

TEMPORARY PAVEMENT MARKS
TIE INTO STAGE 1A

SCALE
0 30 60

MATCH LINE STA. 1427+00 - SEE DWG. CS-1B6

50' (TYP.)
PHASE 1B
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN
- PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UNPINNED
- TEMPORARY PCC SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 12" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 18" SOLID WHITE PAINT
- 18" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 24" SOLID WHITE PAINT
- 24" DOTTED WHITE PAINT, 6' LINE & 30' GAP
- 4" BROKEN YELLOW PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- 4" SOLID WHITE PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B
1. Maintain temporary traffic control devices from Stage 1A to I-95 SB, as shown on Plan
2. Install additional temporary traffic control devices as shown on the permanent warning sign

MATCH LINE STA 1471+50 - SEE DWG CS-1B37
MATCH LINE STA 1470+50 - SEE DWG CS-1B35

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B
### Construction Phasing Legend

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPES I-II BARRIERS**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY M.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY M.C.C. SAFETY BARRIER, PINNED**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGABLE MESSAGE SIGN**

### Temporary Pavement Markings Legend

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>B</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>C</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>D</td>
<td>10&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>E</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>F</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>G</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>H</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>I</td>
<td>12&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>J</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>K</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>L</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

### Sequence of Construction - Phase 1B

1. **Remove Temporary Traffic Control Devices from Stage 1B SB to US 202, as shown on Plan.**
2. **Install Additional Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 1A Plans. Shift Traffic to Designated Travel Lanes.**

---

![Diagram of construction phasing and pavement markings for the Brandwine River Bridge rehabilitation.](image-url)
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **50' Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Striping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **4' Solid White Paint**
- **4' Solid Yellow Paint**
- **10' Solid White Paint**
- **10' Dotted White Paint, 3' Line & 9' Gap**
- **4' Broken White Paint, 10' Line & 30' Gap**
- **4' Dotted White Paint, 3' Line & 9' Gap**
- **12' Solid White Paint**
- **18' Solid White Paint**
- **4' Dotted White Paint, 2' Line & 6' Gap**
- **4' Dotted Yellow Paint, 2' Line & 6' Gap**
- **White Paint Pavement Symbol**

**Sequence of Construction - Phase III**

1. Maintain temporary traffic control devices from stage 1 on the US 202 ramp, as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 1 plan. Drums remain 25 feet away from roadway lanes.

**Match Line STA 1481+50 - See DWG CS-1829**

**Sequence of Construction - Phase 1B**

- Maintain temporary traffic control devices from stage 1 on the US 202 ramp, as shown on plan.
- Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 1 plan. Drums remain 25 feet away from roadway lanes.

**Match Line STA 1484+50 - See DWG CS-1827**

**Match Line STA 1481+50**

- US 202 Ramp
- I-495 Southbound
- I-495 Northbound

**Rights of Way**

- **North**
- **South**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 1B**

- **Site No.**
- **Construction Category**
- **Section**
- **Stage**
- **Date of Submission**
- **Date of Approval**

**Scale**

- **Feet**
- **Centimeters**

**Description**

- **Highway**
- **Interstate**
- **State Route**
- **Other**

**Department of Transportation**

- **Delaware**

**Document Information**

- **File Name**
- **File Size**
- **Page Size**
- **Page Number**
- **Date Created**
- **Date Modified**

**Addendum / Revision**

- **Sequence**
- **Date**
- **Time**
- **Reviewer**
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SOLID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SOLID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRIERS

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

- INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TO PLUGG.
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
TYPE III BARRIÈRE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL ITEM
① 4" SOLID WHITE PAINT
② 4" SOLID YELLOW PAINT
③ 10" SOLID WHITE PAINT
④ 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
⑤ 12" SOLID WHITE PAINT
⑥ 12" DOTTED WHITE PAINT, 3' LINE & 9' GAP
⑦ 16" SOLID WHITE PAINT
⑧ 16" SOLID WHITE PAINT
⑨ 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
⑩ 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
⑪ WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TO PLAN.

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

MATCH LINE - SEE DWG. CS-1B39

TIE INTO EXISTING PAINTED MARKING

TEMPORARY PAVEMENT MARKING ARROW
TEMPORARY PAVEMENT MARKING ARROW

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

TOTAL SHEETS
SHEET NO.
CONTRACT
COUNTY
DESIGNED BY:
CHECKED BY:

DEPARTMENT OF TRANSPORTATION

NEW CASTLE
BRANDYWINE RIVER BRIDGE
FROM I-495 TO NORTH OF
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 1B
...
NOT TO SCALE

I-95 PHASE 1B
STATION 1330+55 TO STATION 1337+76

LEGEND

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

2. * = SUPERELEVATION CROSS SLOPE
   REFER TO THE SHEETS FOR LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS

3. REFER TO TYPICAL SECTIONS TS-04 THROUGH TS-15 FOR TEMPORARY ROADWAY SECTIONS

4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE: PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADeD.

5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION
   * BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 CYCLES, PC 70-22 (NON-CARBONATE STONE)
   * BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 CYCLES, PC 64-22
   * BITUMINOUS CONCRETE, SUPERPAVE, 3" BITUMINOUS CONCRETE BASE COURSE, 160 CYCLES
   * 8" GRADED AGGREGATE BASE COURSE, TYPE B

6. PROPOSED TEMPORARY WEDGE PAVEMENT
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 CYCLES PG 64-22 WEDGE 1/2" LIFTS MAX.

7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 3"; BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE, SUPERPAVE, 3" BITUMINOUS CONCRETE BASE COURSE - 8"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

8. VARIABLE DEPTH

SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY ROADWAY SECTIONS REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSs SLOPES AND SUPERELEVATION CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

REFER TO THE ROADWAY SECTIONS REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.
CONSTRUCTION PHASING LEGEND

- **PROPOSED CONSTRUCTION THIS PHASE**
  - Existing Sign
  - Sidewalk Mounted Proposed Temporary Sign
- **TYPE I/1 BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
  - Temporary P.C.C. Safety Barrier, Unpinned
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 10&quot; LINE &amp; 30' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
<td></td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>18&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED YELLOW PAINT, 2&quot; LINE &amp; 6' GAP</td>
<td></td>
</tr>
<tr>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
<td></td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 1C

1. Cut temporary work zones, close ramps as shown on CS-1C05 and reconstruct roadway.
2. Maintain temporary traffic control devices from stage 1B for I-95 NB and I-95 SB, as shown on plan.
3. Install additional temporary traffic control devices as shown on the permanent warning sign plan for Stage 1C.
4. Maintain temporary traffic control devices from Stage 1B for I-95 NB and I-95 SB, as shown on plan.

MATCH LINE STA 1322+50 - SEE DWG CS-1C02

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1C
MATCH LINE STA 108+80 – SEE DWG CS-1C02

MATCH LINE STA 133+50 – SEE DWG CS-1C03

CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I/I BARRICADE
- PLASTIC DRUM
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVING LEGEND
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TRAFFIC FLOW ARROW
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- WILL EXISTING PAVEMENT THIS PHASE

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT, 2' LINE & 6' GAP
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 10" SOLID WHITE PAINT
- 4" SOLID WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 4" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 15" DRAIN
- 8" DRAIN
- 12' x 3' DRAIN
- 48" DRAIN
- 10" DRAIN
- 6" U.D.
- 36" DRAIN
- 18" DRAIN
- 10" S
- 10" W
- 10" DRAIN
- 10" DRAIN
- 48" DRAIN
- 5' DRAIN
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
- 6" U.D.
**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXITING SIGNS/PROPOSED TEMPORARY SIGN
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TYPE 111 BARRIERS
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TRAFFIC FLOW ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 1C**
1. Maintain closure of Ramp L and Jerome Rd.
2. Maintain temporary traffic control devices from Stage 1B on I-95 NB and I-95 SB, as shown on Plans.
3. Install additional temporary traffic control devices, as shown on the permanent marking plan, as Stage 1B, temporary traffic to delineate travel lanes.
4. Reconstruct roadway.

**MATCH LINE STA. 1393+50 - SEE DWG. CS-1C03**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES:**
- See CS-1C08 for additional roadway construction details.

**SCALE:** 1" = 10'
**Temporary Pavement Markings Legend**

- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **12" SOLID WHITE PAINT**
- **16" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **10" SOLID WHITE PAINT**
- **4" SOLID WHITE PAINT**
- **WHITE PAINT PAVEMENT SYMBOL**

**Construction Phasing Legend**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SKY MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN
- TRAFFIC FLOW ARROW
- PLASTIC DRUM
- TEMPORARY PAVEMENT MARKING ARROW
- EXISTING SIGN/PROPOSED TEMPORARY SIGN

**Temporary Paving Legend**

- TEMPORARY MILL EXISTING PAVEMENT THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED

**Sequence of Construction - Phase E**

1. During allowable work hours, close Ramp J and detour traffic.
2. Relocate temporary safety barrier as shown on plan.
3. Relocate temporary safety barrier back to Stage 1C configuration and open ramp to traffic.
4. Remove existing striping by contractor.

**Rehabilitation of I-95**

- From I-495 to North of Brandwyn River Bridge
- Total SHTS.

**Addendum / Revisions**

- 3-420
- 3-121

**DELAWARE DEPARTMENT OF TRANSPORTATION**

**Control Plan - Phase 1C**

**Specifications**

- M.O.T., AND EROSION CONTROL PLAN - PHASE 1C
I-95 PHASE 1C
STATION 1329 + 50 TO STATION 1330 + 55
WEEKEND CLOSURE FROM STATION 1328 + 05 TO STATION 1329 + 50

I-95 PHASE 1C
STATION 1330 + 55 TO STATION 1340 + 22

NOTES:
1. REFER TO THE CONSTRUCTION PHASE M.O.T. AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE, PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   2" BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   3" BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
6. PROPOSED TEMPORARY MIDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 80 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   CRUSHED AGGREGATE BASE COURSE - 2"
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Skid-Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Item**
  - **4" Solid White Paint**
  - **4" Solid Yellow Paint**
  - **10" Solid White Paint**
  - **10" Dotted White Paint, 3' Line & 9' Gap**
  - **4" Broken White Paint, 10" Line & 30' Gap**
  - **4" Dotted White Paint, 3" Line & 9' Gap**
  - **12" Solid White Paint**
  - **4" Dotted White Paint, 2" Line & 6' Gap**
  - **4" Dotted Yellow Paint, 2" Line & 6' Gap**
  - **White Paint Pavement Symbol**

**Sequence of Construction - Phase 2A**

1. Maintain Temporary Traffic Control Devices from Stage 1A, as shown on Plan.
2. Install additional Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 2A Plans.

**Proposed Construction**

- **This Phase**

**Existing Sign**

- **Proposed Temporary Sign**

**Skid-Mounted Proposed Temporary Sign**

- **Type III Barricade**

**Plastic Drum**

- **Traffic Flow Arrow**

**Temporary P.C.C. Safety Barrier, Unpinned**

- **Temporary P.C.C. Safety Barrier, Pinned**

**Temporary Impact Attenuator**

- **Remove Existing Stripping by Contractor**

**Temporary Pavement Marking Arrow**

- **Portable Changeable Message Sign**

**Civil Engineering**

- **DESIGNED BY:**
- **CHECKED BY:**

**Traffic Control:**

- **ADDENDUMS / REVISIONS**
  
- **DATE:** 2/11/2018
  
- **TIME:** 9:14:21 AM

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**New Castle**

**Brandwyne River Bridge**

**From I-495 to North of**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 2A**

**Match Line STA 3010+50 - See DWG CS-2A04**

**Match Line STA 3002+00 - See DWG CS-2A02**

**Sequence of Construction - Phase 2A**

1. Maintain Temporary Traffic Control Devices from Stage 1A, as shown on Plan.
2. Install additional Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 2A Plans.

**Traffic Control Devices**

- **Temporary Pavement Marking Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary Impact Attenuator**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings**

- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10" Line & 30' Gap**
- **4" Dotted White Paint, 3" Line & 9' Gap**
- **12" Solid White Paint**
- **4" Dotted White Paint, 2" Line & 6' Gap**
- **4" Dotted Yellow Paint, 2" Line & 6' Gap**
- **White Paint Pavement Symbol**

**Civil Engineering**

- **DESIGNED BY:**
- **CHECKED BY:**

**Traffic Control:**

- **ADDENDUMS / REVISIONS**
  
- **DATE:** 2/11/2018
  
- **TIME:** 9:14:21 AM

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**New Castle**

**Brandwyne River Bridge**

**From I-495 to North of**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 2A**

**Match Line STA 3010+50 - See DWG CS-2A04**

**Match Line STA 3002+00 - See DWG CS-2A02**
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- 5'5" MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- CHAIN TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>TEMPORARY PAVEMENT MARKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>10&quot; DOTTED WHITE PAINT, 3 LINE &amp; 9' GAP</td>
<td>10&quot; DOTTED WHITE PAINT, 3 LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6&quot; DOTTED WHITE PAINT, 3 LINE &amp; 9' GAP</td>
<td>6&quot; DOTTED WHITE PAINT, 3 LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>18&quot; SOLID WHITE PAINT</td>
<td>18&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>18&quot; SOLID WHITE PAINT</td>
<td>18&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MARK TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

DELTA 95 REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DEPARTMENT OF TRANSPORTATION

4-3-18 Dwg. CS-2A03

MATCH LINE STA 3011+00 - SEE Dwg. CS-2A03

MATCH LINE STA 3018+00 - SEE Dwg. CS-2A03

SCALE
0
30
60
90

M.O.T., AND EROSION WRA

NEW CASTLE COUNTY

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 2A

N: 319 8 7 -0 0 4 CAD
2 /11/2 0 18
9 :14 :22 AM
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- REMOVED
- TEMPORARY SIGN/PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN
- ARROW PANEL

ITEM

SYMBOL

TEMPORARY PAVEMENT MARKINGS LEGEND

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 8" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

[Diagram of traffic control devices and markings with specific dimensions and symbols for installation.]
**REHABILITATION OF I-95**
FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

**CONSTRUCTION PHASING**
M.O.T., AND EROSION CONTROL PLAN - PHASE 2A

**MATCH LINE STA. 3044+00 - SEE DWG. CS-2A06**

**MATCH LINE STA. 3038+50 - SEE DWG. CS-2A06**

**SEQUENCE OF CONSTRUCTION - PHASE 2A**
1. REMOVE ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PAGE OF THE PHASE 2A PLAN.
2. RECONSTRUCT SHOULDERS.

**NOTES:**

**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW PANEL
- REMOVED EXISTING STRIPING BY CONTRACTOR
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW PANEL
- REMOVED EXISTING STRIPING BY CONTRACTOR

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- 6" SOLID WHITE PAINT
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 3" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 8" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 6" SOLID WHITE PAINT
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 2" SOLID WHITE PAINT
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- 4" DOTTED WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" SOLID WHITE PAINT
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 12" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 6" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- WHITE PAINT PAVEMENT SYMBOL
- 4" SOLID YELLOW PAINT
- 4" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 8" DOTTED WHITE PAINT, 2' LINE & 6' GAP

**SITE NOTE:**
- 59' TAPER (W = 36')
- 50' (TYP.)
- 45' (TYP.)
- 12' RAMP
- 120' (TYP.)
- 132' BARRIER TAPER (11:1)
- 25' (TYP.)
- 100' TAPER
- 5' (TYP.)
- 12' RAMP
- 3037+00
- 3040+00
- 3044+00
- 3036+00
- 3039+00
- 3042+00
- 3038+00
- 3041+80

**SCALE:**
- FEET
- 1" = 1'-0"
NEW CASTLE
DELOREAN BRIDGE
FROM I-495 TO NORTH OF
REHABILITATION OF I-95

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK Overlay.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND SHEET "C PLAN.
3. RECONSTRUCT SCAFFOLDING.

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK Overlay.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND SHEET "C PLAN.
3. RECONSTRUCT SCAFFOLDING.

MATCH LINE STA. 1205+50 - SEE DWG CS-2A09

M.T. King Jr. Blvd 1%  ML
Delaware Ave 2%  DL
Concord Pike 3%  CP

SANDBAG DIVERSION (SBD)

<table>
<thead>
<tr>
<th>NO.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>L.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1201+00</td>
<td>103' RT.</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>1203+00</td>
<td>104' RT.</td>
<td>24</td>
</tr>
<tr>
<td>3</td>
<td>1205+00</td>
<td>96' RT.</td>
<td>24</td>
</tr>
<tr>
<td>4</td>
<td>1200+13</td>
<td>90' RT.</td>
<td>30</td>
</tr>
</tbody>
</table>

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DELTA DEER TAPER W=12' (22'x13')

MATCH LINE STA. 3044 + 50 - SEE DWG CS-2A09

LABEL SC

SCALE: 1" = 20'
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MOT, AND EROSION CONTROL PLAN - PHASE 2A

MATCH LINE STA. 1244+50 - SEE DWG. CS-2A00

MATCH LINE STA. 1205+50 - SEE DWG. CS-2A08

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

EXISTING R/W EXISTING R/W
1206+00
1207+00
1208+00
1209+00
1210+00
1211+00
1212+00
1213+00
1214+00

SDM

DELTA-S SIGN, PLASTIC DRUM
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

10" BROKEN WHITE PAINT, 10' LINE & 30' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKING ARROW

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY IMPACT ATTENUATOR

18" RCP

RECONSTRUCT SHOULDER.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1244+50 - SEE DWG. CS-2A00

MATCH LINE STA. 1205+50 - SEE DWG. CS-2A08

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

EXISTING R/W EXISTING R/W
1206+00
1207+00
1208+00
1209+00
1210+00
1211+00
1212+00
1213+00
1214+00

SDM

DELTA-S SIGN, PLASTIC DRUM
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

10" BROKEN WHITE PAINT, 10' LINE & 30' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKING ARROW

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY IMPACT ATTENUATOR

18" RCP

RECONSTRUCT SHOULDER.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1244+50 - SEE DWG. CS-2A00

MATCH LINE STA. 1205+50 - SEE DWG. CS-2A08

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

EXISTING R/W EXISTING R/W
1206+00
1207+00
1208+00
1209+00
1210+00
1211+00
1212+00
1213+00
1214+00

SDM

DELTA-S SIGN, PLASTIC DRUM
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

10" BROKEN WHITE PAINT, 10' LINE & 30' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKING ARROW

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY IMPACT ATTENUATOR

18" RCP

RECONSTRUCT SHOULDER.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1244+50 - SEE DWG. CS-2A00

MATCH LINE STA. 1205+50 - SEE DWG. CS-2A08

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

EXISTING R/W EXISTING R/W
1206+00
1207+00
1208+00
1209+00
1210+00
1211+00
1212+00
1213+00
1214+00

SDM

DELTA-S SIGN, PLASTIC DRUM
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

10" BROKEN WHITE PAINT, 10' LINE & 30' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKING ARROW

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY IMPACT ATTENUATOR

18" RCP

RECONSTRUCT SHOULDER.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1244+50 - SEE DWG. CS-2A00

MATCH LINE STA. 1205+50 - SEE DWG. CS-2A08

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.

EXISTING R/W EXISTING R/W
1206+00
1207+00
1208+00
1209+00
1210+00
1211+00
1212+00
1213+00
1214+00

SDM

DELTA-S SIGN, PLASTIC DRUM
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP

10" BROKEN WHITE PAINT, 10' LINE & 30' GAP

12" SOLID WHITE PAINT

4" DOTTED WHITE PAINT, 2' LINE & 6' GAP

4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKING ARROW

PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY IMPACT ATTENUATOR

18" RCP

RECONSTRUCT SHOULDER.
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Ski-U-Mount Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Temporary Traffic Barriers, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Solid White Paint**
- **Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Broken White Paint, 10' Line & 5' Gap**
- **10" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 2' Line & 6' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **4" Dotted White Paint, 2' Line & 6' Gap**
- **White Paint Pavement Symbol**
- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 10' Line & 5' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **12" Solid White Paint**
- **12" Dotted White Paint, 3' Line & 9' Gap**
- **12" Dotted Yellow Paint, 2' Line & 6' Gap**
- **18" Solid White Paint**
- **18" Dotted White Paint, 3' Line & 9' Gap**
- **18" Dotted Yellow Paint, 2' Line & 6' Gap**
- **24" Solid White Paint**
- **24" Dotted White Paint, 3' Line & 9' Gap**
- **24" Dotted Yellow Paint, 2' Line & 6' Gap**
- **30" Solid White Paint**
- **30" Dotted White Paint, 3' Line & 9' Gap**
- **30" Dotted Yellow Paint, 2' Line & 6' Gap**
- **36" Solid White Paint**
- **36" Dotted White Paint, 3' Line & 9' Gap**
- **36" Dotted Yellow Paint, 2' Line & 6' Gap**
- **48" Solid White Paint**
- **48" Dotted White Paint, 3' Line & 9' Gap**
- **48" Dotted Yellow Paint, 2' Line & 6' Gap**

**Sequence of Construction - Phase 2A**

- Complete bridge repair construction and deck overlay.
- Install additional temporary traffic control devices as shown on the permanent marking sign plan and Stage 2A plans.
- Reconstruct shoulders.

**Sandbag Diversion (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Station</th>
<th>Offset</th>
<th>L.F.</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1215+00</td>
<td>146' RT.</td>
<td>30'</td>
<td>72'</td>
</tr>
</tbody>
</table>

**Rehabilitation of I-95**

From I-495 to North of Brandywine River Bridge

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 2A**

**Addenda / Revisions**

**Delaware Department of Transportation**

**Match Line STA 122+50 - See DWG. CS-2A10**

**Match Line STA 124+50 - See DWG. CS-2A9**
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- ORANGE TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- 6" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 6" DOTTED WHITE PAINT, 3' LINE & 4' GAP
- 6" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 6" DOTTED WHITE PAINT, 3' LINE & 4' GAP
- 12" SOLID WHITE PAINT
- 6" DOTTED WHITE PAINT, 2' LINE & 8' GAP
- 6" DOTTED YELLOW PAINT, 2' LINE & 8' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE PHASE A REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. PERFORM PHASE B (REPAIR/STRENGTHEN/PAVEMENT/REOPEN).
**PROPOSED CONSTRUCTION PHASING LEGEND**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Sign/Proposed Temporary Sign</td>
<td>☑</td>
</tr>
<tr>
<td>5' x 10' Barricade</td>
<td>☑</td>
</tr>
<tr>
<td>Plastic Drum</td>
<td>☑</td>
</tr>
<tr>
<td>Traffic Flow Arrow</td>
<td>☑</td>
</tr>
<tr>
<td>Temporary P.C.C. Safety Barrier, Unpinned</td>
<td>☑</td>
</tr>
<tr>
<td>Temporary P.C.C. Safety Barrier, Pinched</td>
<td>☑</td>
</tr>
<tr>
<td>Temporary Impact Attenuator</td>
<td>☑</td>
</tr>
<tr>
<td>Arrow Panel</td>
<td>☑</td>
</tr>
<tr>
<td>Remove Existing Stripping by Contractor</td>
<td>☑</td>
</tr>
<tr>
<td>Temporary Pavement Marking Arrow</td>
<td>☑</td>
</tr>
<tr>
<td>Portable Changeable Message Sign</td>
<td>☑</td>
</tr>
</tbody>
</table>

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; Solid White Paint</td>
<td>☑</td>
</tr>
<tr>
<td>4&quot; Solid Yellow Paint</td>
<td>☑</td>
</tr>
<tr>
<td>10&quot; Solid White Paint</td>
<td>☑</td>
</tr>
<tr>
<td>1/2&quot; Broken White Paint, 2 Line &amp; 5' Gap</td>
<td>☑</td>
</tr>
<tr>
<td>4&quot; Dotted White Paint, 3 Line &amp; 9' Gap</td>
<td>☑</td>
</tr>
<tr>
<td>12&quot; Solid White Paint</td>
<td>☑</td>
</tr>
<tr>
<td>4&quot; Dotted White Paint, 2 Line &amp; 6' Gap</td>
<td>☑</td>
</tr>
<tr>
<td>18&quot; Solid White Paint</td>
<td>☑</td>
</tr>
<tr>
<td>4&quot; Dotted Yellow Paint, 2 Line &amp; 6' Gap</td>
<td>☑</td>
</tr>
<tr>
<td>24&quot; Solid White Paint</td>
<td>☑</td>
</tr>
<tr>
<td>10&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
<td>☑</td>
</tr>
<tr>
<td>White Paint Pavement Symbol</td>
<td>☑</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>SBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>103' RT.</td>
<td>71</td>
</tr>
<tr>
<td>2</td>
<td>1252+00</td>
<td>100' RT.</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>1253+00</td>
<td>95' RT.</td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>1254+52</td>
<td>108' RT.</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>1255+00</td>
<td>105' RT.</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>1257+03</td>
<td>119' RT.</td>
<td>83</td>
</tr>
</tbody>
</table>

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SEQUENCE OF CONSTRUCTION - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>SBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>103' RT.</td>
<td>71</td>
</tr>
<tr>
<td>2</td>
<td>1252+00</td>
<td>100' RT.</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>1253+00</td>
<td>95' RT.</td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>1254+52</td>
<td>108' RT.</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>1255+00</td>
<td>105' RT.</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>1257+03</td>
<td>119' RT.</td>
<td>83</td>
</tr>
</tbody>
</table>

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>SBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>103' RT.</td>
<td>71</td>
</tr>
<tr>
<td>2</td>
<td>1252+00</td>
<td>100' RT.</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>1253+00</td>
<td>95' RT.</td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>1254+52</td>
<td>108' RT.</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>1255+00</td>
<td>105' RT.</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>1257+03</td>
<td>119' RT.</td>
<td>83</td>
</tr>
</tbody>
</table>

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>SBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>103' RT.</td>
<td>71</td>
</tr>
<tr>
<td>2</td>
<td>1252+00</td>
<td>100' RT.</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>1253+00</td>
<td>95' RT.</td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>1254+52</td>
<td>108' RT.</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>1255+00</td>
<td>105' RT.</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>1257+03</td>
<td>119' RT.</td>
<td>83</td>
</tr>
</tbody>
</table>

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A**

1. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
2. Reconstruct sidewalks.

**SANDBAG DIVERSION (SBD)**

<table>
<thead>
<tr>
<th>No.</th>
<th>STATION</th>
<th>OFFSET</th>
<th>SBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1251+00</td>
<td>103' RT.</td>
<td>71</td>
</tr>
<tr>
<td>2</td>
<td>1252+00</td>
<td>100' RT.</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>1253+00</td>
<td>95' RT.</td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>1254+52</td>
<td>108' RT.</td>
<td>75</td>
</tr>
<tr>
<td>5</td>
<td>1255+00</td>
<td>105' RT.</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>1257+03</td>
<td>119' RT.</td>
<td>83</td>
</tr>
</tbody>
</table>
**Construction Phasing Legend**

**Temporary Pavement Markings Legend**

**Sequence of Construction - Phase 2A**

1. Complete bridge repair construction and deck overlay.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans.
3. Reconstruct sounder.

**Proposed Construction This Phase**

- Existing Signs/Proposed Temporary Sign
- Type III Barricade
- Plastic Drum
- Traffic Flow Arrow
- Temporary P.C.C. Safety Barrier, Unpinned
- Temporary P.C.C. Safety Barrier, Pinned
- Temporary Impact Attenuator
- Arrow Panel
- Remove Existing Stripping by Contractor
- Temporary Pavement Marking Arrow
- Portable Changeable Message Sign

**Construction Phasing**

**Temporary Pavement Marking Arrow**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 12" Solid White Paint
- 10" Dotted White Paint
- 4" Broken White Paint, 10' Line & 30' Gap
- 4" Dotted White Paint, 5' Line & 5' Gap
- 4" Dotted White Paint, 3' Line & 9' Gap
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Temporary Pavement Markings**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Solid White Paint
- 12" Solid White Paint
- 18" Solid White Paint
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Temporary Pavement Marking Arrow**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Dotted White Paint, R Line & R Gap
- 12" Solid White Paint
- 18" Solid White Paint
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Temporary Pavement Marking Arrow**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Dotted White Paint, R Line & R Gap
- 12" Solid White Paint
- 18" Solid White Paint
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Temporary Pavement Markings Between**

- Remove existing striping by contractor
- Temporary pavement marking arrow
- Portable changeable message sign

**Temporary Pavement Markings Between**

- Remove existing striping by contractor
- Temporary pavement marking arrow
- Portable changeable message sign

**Temporary Pavement Markings Between**

- Remove existing striping by contractor
- Temporary pavement marking arrow
- Portable changeable message sign

**Temporary Pavement Markings Between**

- Remove existing striping by contractor
- Temporary pavement marking arrow
- Portable changeable message sign

**Temporary Pavement Markings Between**

- Remove existing striping by contractor
- Temporary pavement marking arrow
- Portable changeable message sign
**Construction Phasing Legend**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKC MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**Temporary Pavement Markings Legend**

- **ITEM**
- **SYMBOL**
- **TEMPORARY PAVEMENT MARKINGS LEGEND**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **NEW CASTLE BRANDEYWINE RIVER BRIDGE**
- **FROM I-495 TO NORTH OF REHABILITATION OF I-95**
- **CONSTRUCTION PHASING, M.O.T., AND EROSION**

**Sequence of Construction - Phase 2A**

- COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
- INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
- RECONSTRUCT LANE ZONES.

**Match Line STA 1273+50 - SEE DWG. CS-2A15**

**Match Line STA 1260+50 - SEE DWG. CS-2A15**

**Issue:**

- **Characters:**
- **Numerics:**
- **Symbols:**
- **Units:**

**Drawings:**

- **General:**
- **Specific:**

**Construction Comments:**

- **Phase 2A - Sequence of Construction**
- **Description:**
- **Location:**

**Legend:**

- **Legend Items:**
- **Legend Symbols:**
- **Legend Notes:**

**Plan Details:**

- **Plan Elements:**
- **Plan Numbers:**
- **Plan Sections:**

**Map References:**

- **Reference Sources:**
- **Reference Numbers:**
- **Reference Dates:**
**PROPOSED CONSTRUCTION THIS PHASE**

- Existing Sign/Proposed Temporary Sign
- Type III Barricade
- Plastic Drum
- Traffic Flow Arrow
- Temporary P.C.C. Safety Barrier, Unpinned
- Temporary P.C.C. Safety Barrier, Pinned
- Temporary Impact Attenuator
- Arrow Panel
- Remove Existing Striping by Contractor
- Portable Changeable Message Sign

**SEQUENCE OF CONSTRUCTION - PHASE 2A**

1. Complete Bridge Repair Construction and Deck Overlay.
2. Install additional temporary Traffic Control devices as shown on the permanent warning sign plan and stage 2A plans.
3. Reconstruct Signages.
4. Remove existing cantilever Sign Structure.

**MATCH LINE STA. 1273.3 + 50 - SEE Dwg. CS-2A16**

**MATCH LINE STA. 1280.5 + 50 - SEE Dwg. CS-2A18**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A**

**TEMPORARY PAVEMENT MARKINGS**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Solid White Paint
- 10" Dotted White Paint, 3' Line & 9' Gap
- 10" Dotted White Paint, 10' Line & 9' Gap
- 12" Solid White Paint
- 12" Dotted White Paint, 3' Line & 9' Gap
- 12" Dotted White Paint, 10' Line & 9' Gap
- 18" Solid White Paint
- 18" Dotted White Paint, 2' Line & 6' Gap
- 18" Dotted White Paint, 2' Line & 9' Gap
- 24" Solid White Paint
- 24" Solid Yellow Paint
- 24" Broken White Paint, 10' Line & 30' Gap
- 24" Broken White Paint, 20' Line & 60' Gap
- 24" Broken White Paint, 30' Line & 90' Gap

**PROPANE SIGN**

- 2" Solid White Paint
- 2" Solid Yellow Paint

**ARROW PANEL**

- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted White Paint, 2' Line & 9' Gap

**TYPICAL SIGN/IP**

- 6" Solid White Paint
- 6" Solid Yellow Paint

**ROADWAY MARKING SYMBOL**

- 4" Solid White Paint
- 4" Solid Yellow Paint

**P. C. C. SAFETY BARRIER, PINNED**

- 4" Dotted White Paint, 3' Line & 9' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- 4" Dotted White Paint, 2' Line & 9' Gap
- 4" Broken White Paint, 10' Line & 30' Gap

**TEMPORARY PAVEMENT MARKING ARROW**

- 4" Solid White Paint
- 4" Solid Yellow Paint

**TEMPORARY PAVEMENT MARKING**

- 4" Solid White Paint
- 4" Solid Yellow Paint

**PORTABLE CHANGEABLE MESSAGE SIGN**

- 4" Solid White Paint
- 4" Solid Yellow Paint

**TEMPORARY PAVEMENT SYMBOL**

- 4" Solid White Paint
- 4" Solid Yellow Paint

**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

**TABLE OF CONTENTS**

- **GENERAL**
  - Introduction
  - Scope
  - Contents
- **DESIGN**
  - Bridges
  - Roads
  - Signage
  - Utilities
- **CONSTRUCTION**
  - Phasing
  - Traffic Control
  - M.O.T.
  - Erosion Control
- **APPENDIX**
  - Specifications
  - Drawings
- **REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**SCALE**

- 1" = 100'
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SOLID MOUNTED PROPOSED TEMPORARY SIGN
TYPE I I BARRI C ADE
PLASTIC DRUM
TEMPORARY M.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY M.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
10" BROKEN WHITE PAINT, 10' LINE & 9' GAP
4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" SOLID WHITE PAINT
4" SOLID WHITE PAINT
4" SOLID WHITE PAINT
WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP A AND DRYER TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT RAMP A.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT RAMP A.
4. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1280+50 - SEE DWG. CS-2A17
MATCH LINE STA. 1287+00 - SEE DWG. CS-2A18

DEPARTMENT OF TRANSPORTATION
DELAWARE

SCALE
1" = 10'-0"

CS-2A18

CHECKED BY:
DESIGNED BY:

CONTRACT
COUNTY

TOTAL SHTS.
CS-2A18
CS-2A17
3-140
3-420
PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- REMOVED EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>TEMPORARY PAVEMENT MARKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>SOLID WHITE PAINT</td>
</tr>
<tr>
<td>0'</td>
<td>SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>0'</td>
<td>BROKEN WHITE PAINT</td>
</tr>
<tr>
<td>0'</td>
<td>BROKEN YELLOW PAINT</td>
</tr>
<tr>
<td>0'</td>
<td>BROKEN WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 2A
1. CLOSE RAMPS A AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
4. PERFORM REMOVALS OF EXISTING TRAFFIC CONTROL DEVICES.
CONSTRUCTION PHASING LEGEND

- Proposed construction this phase
- Existing s i g n / p r o p o s e d temporary sign
- s i g n mounted proposed temporary sign
- Type I I I barricade
- Plastic drum

TRAFFIC FLOW ARROW
- Temporary P.C.C. safety barrier, unpinned
- Temporary P.C.C. safety barrier, pinned
- Temporary pavement marking arrow
- Portable Changeable Message Sign

TEMPORARY PAVEMENT MARKINGS LEGEND

- 6" solid white paint
- 8" dotted white paint, 2' line & 6' gap
- 10" dotted white paint, 2' line & 6' gap
- 10" dotted white paint, 3' line & 9' gap
- 6" dotted white paint, 3' line & 9' gap
- 8" solid white paint
- 10" solid white paint
- 12" solid white paint
- 16" solid white paint
- 4" solid white paint
- White paint pavement symbol

MATCH LINE STA. 1344 + 50 - See Dwg. CS-2426

MATCH LINE STA. 1345 + 00 - See Dwg. CS-2428

NOTES:
1. See CS-2443 for additional roadway construction details

DEPARTMENT OF TRANSPORTATION
DELWARE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. S8 1346 + 50 - SEE DWG. CS-2443

SEQUENCE OF CONSTRUCTION - PHASE 2A

- Install temporary traffic control devices as shown on the permanent warning sign plan and stage in plan. Temporarily shift traffic lanes.
- Resurface shoulders and roadway.
CLOSE RAMPS N AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.

DETAILS SEE CS-2A43 AND CS-2A44 FOR ADDITIONAL ROADWAY CONSTRUCTION

CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SIG MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I/H BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UNPINNED
- TEMPORARY PCC SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 4" DOTTED WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 12" SOLID WHITE PAINT
- 10" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 8' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR RESEAL/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY RESEAL/LEVEL ON PERMANENT ASPHALT PAVEMENT
- WILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-2A43 AND CS-2A44 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS
**PROPOSED CONSTRUCTION THIS PHASE**
- Existing Sign
- Proposed Temporary Sign
- Skid Mounted Proposed Temporary Sign
- Type III Barricade
- Plastic Drum
- Temporary P.C.C. Safety Barrier, Unpinned
- Temporary P.C.C. Safety Barrier, Pinned
- Temporary Impact Attenuator
- Arrow Panel
- Remove Existing Stripping by Contractor
- Temporary Pavement Marking Arrow
- Portable Changeable Message Sign

**PROPOSED CONSTRUCTION THIS PHASE**
- Existing Sign
- Proposed Temporary Sign
- Skid Mounted Proposed Temporary Sign
- Type III Barricade
- Plastic Drum
- Temporary P.C.C. Safety Barrier, Unpinned
- Temporary P.C.C. Safety Barrier, Pinned
- Temporary Impact Attenuator
- Arrow Panel
- Remove Existing Stripping by Contractor
- Temporary Pavement Marking Arrow
- Portable Changeable Message Sign

**SEQUENCE OF CONSTRUCTION - PHASE 2A**
1. Install temporary traffic control devices as shown on the permanent marking sign plan and staged in plans, with traffic to designated travel lanes.
2. Complete bridge repair construction and deck overlay.

**MATCH LINE STA. 1435+50 - SEE DWG. CS-2A30**

**MATCH LINE STA. 1442+50 - SEE DWG. CS-2A32**

**CONSTRUCTION PHASING LEGEND**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DELTA WING**

**SCALE**

0 30 60 90 120 150 180 210 240 270 300 330 360 FEET

**PHASE 2A**

**SEQUENCE OF CONSTRUCTION - PHASE 2A**

1. Install temporary traffic control devices as shown on the permanent marking sign plan and staged in plans, with traffic to designated travel lanes.
2. Complete bridge repair construction and deck overlay.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM

TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

MATCH LINE STA. 1442+50 – SEE DWG. CS-2A31

MATCH LINE STA. 1449+50 – SEE DWG. CS-2A33

TEMPORARY PAVEMENT MARKING ARROW

ITEM

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PERMANENT TRAFFIC SIGN PLAN AND STAGE 2A PLANS. SHARP SHIFTS TO DESIGNATED TRAFFIC LANE.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK Overlay.

SEQUENCE OF CONSTRUCTION - PHASE 2A

NEW CASTLE BRANDYWINE RIVER BRIDGE
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, PINNED
- TEMPORARY PCC SAFETY BARRIER, UNPINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2 LINE & 6 CAP
- 4" BROKEN WHITE PAINT, 10 LINE & 30 GAP
- 4" DOTTED WHITE PAINT, 3 LINE & 9 GAP
- 4" DOTTED WHITE PAINT, 6 LINE & 9 GAP
- 4" DOTTED YELLOW PAINT, 2 LINE & 6 GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLAN. SHOWN WIPAGE TO DELAWARE TRAFFIC LINES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK SURFACING.
3. RECONSTRUCT SHOULDER.

REHABILITATION OF I-95
FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION
CONTROL PLAN - PHASE 2A

MATCH LINE STA. 448.50 - SEE DWG. CS-232

MATCH LINE STA. 2466.50 - SEE DWG. CS-234

DELTADEPARTMENT OF TRANSPORTATION

ADDITIONS / DELETIONS

REVISIONS

SCALE 1"=100' (TYP.)
**CONSTRUCTION PHASING LEGEND**

- Propose Construction This Phase
- Existing Sign/Proposed Temporary Sign
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- Portable Changeable Message Sign

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
  - 1. **ITEM**
  - 2. **ITEM**
  - 3. **ITEM**
  - 4. **ITEM**
  - 5. **ITEM**
  - 6. **ITEM**
  - 7. **ITEM**
  - 8. **ITEM**
  - 9. **ITEM**
  - 10. **ITEM**
  - 11. **ITEM**
  - 12. **ITEM**
  - 13. **ITEM**
  - 14. **ITEM**
  - 15. **ITEM**
  - 16. **ITEM**
  - 17. **ITEM**
  - 18. **ITEM**
  - 19. **ITEM**
  - 20. **ITEM**
  - 21. **ITEM**
  - 22. **ITEM**
  - 23. **ITEM**
  - 24. **ITEM**
  - 25. **ITEM**
  - 26. **ITEM**
  - 27. **ITEM**
  - 28. **ITEM**
  - 29. **ITEM**
  - 30. **ITEM**
  - 31. **ITEM**
  - 32. **ITEM**
  - 33. **ITEM**
  - 34. **ITEM**

**SEQUENCE OF CONSTRUCTION - PHASE 2A**

1. Install temporary traffic control devices from stage 1A on I-495 SB, north of STA. 1470+23, as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans, shift traffic to designated travel lanes.
3. Maintain temporary traffic control devices from stage 1A on I-95 SB, north of STA. 1470+23, as shown on plan.

**MATCH LINE STA 470+50 - SEE DWG. CS-2A34**

**MATCH LINE STA 470+50 - SEE DWG. CS-2A35**

**MATCH LINE STA 2463+50 - SEE DWG. CS-2A34**

**MATCH LINE STA 2463+50 - SEE DWG. CS-2A35**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

DEPARTMENT OF TRANSPORTATION

ADDITIONS / REVISIONS

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYP III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION PHASING LEGEND

TEMPOARY PAVEMENT MARKINGS LEGEND

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. Reinstall temporary traffic control devices from stage 1 on I-95 SB, as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign.
3. Plan and Stage 2A plans. Shift traffic to designated travel lane.

TEMPORARY TRAFFIC CONTROL DEVICES

MATCH LINE STA 1477.50 - SEE DWG. CS-2A36
MATCH LINE STA 1484.40 - SEE DWG. CS-2A38

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
DEPARTMENT OF TRANSPORTATION
DELAWARE
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE

- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT

TEMPORARY PAVEMENT MARKING ARROW

ITEM

1. 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
2. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
3. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
5. WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 5A PLANS. SHIFTS SHOWN AS DESIGNATED TRAVEL LANES.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- PORTABLE CHANGABLE MESSAGE SIGN
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE PAVEMENT MARKING ARROW

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in plans, sketch similar to Delaware Traffic Laning.

MATCH LINE STA. 1401 + 50 - SEE DWG. CS-2A38

DELTA-1-50 M.O.T. AND EROSION WRA
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 2A
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SH-11 BARRICADE
- TYPE II BARRICADE
- PLASTIC DRUM
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SYMBOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2.</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3.</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4.</td>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>5.</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6.</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7.</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8.</td>
<td>16&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>9.</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>10.</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>11.</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MATCH LINE STA. 807+50 - SEE Dwg CS-2A41

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TRAFFIC TO DESIGNATED TRAVEL LANES.

MATCH LINE STA. 807+50 - SEE Dwg CS-2A41

REHABILITATION OF I-85 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A
DEPARTMENT OF TRANSPORTATION

DELAWARE

TOTAL SHEETS:

SHEET NO.

CONTRACT:

COUNTY:

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

ADDENDUMS / REVISIONS

NEW CASTLE

BRANDYWINE RIVER BRIDGE

FROM I-495 TO NORTH OF

REHABILITATION OF I-95

T201407404

BASELINE

CONSTRUCTION

17.5'

2'

MEDIAN

11'

LANE

12'

LANE

12'

SHLD.

10'

2.0%

P/R

NB PGA

LANE EDGE

RAMP K -

PHASE 2A

PHASE 1B CONSTRUCTION

VARIES

PHASE 1A

VARIES

24'

RAMP K

EDGE OF EX. TRAVEL LANE

PAVEMENT

FULL-DEPTH

TEMPORARY

PHASE 1A

WEDGE/LEVEL

PHASE 1C TEMPORARY

WEDGE/LEVEL

STATION 1327+10 TO STATION 1331+38

I-95 PHASE 2A

STATION 1331+38 TO STATION 1347+02

I-95 PHASE 2A

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY LOCATION, LANE TRANSITIONS, TAPER LENGTHS, ETC.

2. SUPERELEVATION CROSS SLOPE

REFERENCES THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.

4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE; PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHAD ED.

5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT:

- PROPOSED TEMPORARY WEDGE PAVEMENT:
  - 8" GRADED AGGREGATE BASE COURSE, TYPE B - 8" LIFTS MAX.
  - 8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)
  - 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B - 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)
  - 2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)

6. PROPOSED TEMPORARY MEDIAN PAVEMENT:

- BITUMINOUS CONCRETE, SUPERPAVE TYPE C, NO CYRATIONS PG 64-22 MEDGE (12" LIFTS MAX)

7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:

- BITUMINOUS CONCRETE, SUPERPAVE TYPE C - 8" LIFTS MAX

- BITUMINOUS CONCRETE, SUPERPAVE TYPE B - 8" LIFTS MAX

- BITUMINOUS CONCRETE, SUPERPAVE TYPE C - 2" LIFTS MAX

- BITUMINOUS CONCRETE, SUPERPAVE TYPE B - 2" LIFTS MAX

- GRADED AGGREGATE BASE COURSE, TYPE B - 8" LIFTS MAX

LEGEND

- ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (12'' LIFTS MAX)

- ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT

- ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH

- ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT

- ELITE: 2014070303

- CS-2A43

- 3-165

- 3-420
**Temporary Pavement Markings Legend**

- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 2" line & 9" gap**
- **4" Broken White Paint, 10" line & 30" gap**
- **4" Dotted White Paint, 3" line & 9" gap**
- **12" Solid White Paint**
- **18" Solid White Paint**
- **4" Dotted White Paint, 2" line & 6" gap**
- **4" Dotted Yellow Paint, 2" line & 6" gap**
- **White Paint Pavement Symbol**

**Construction Phasing Legend**

- **Proposed Construction - This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Ski-Mounted Proposed Temporary Sign**
- **Type I / I Barricade**
- **Plastic Drum**
- **Temporary PCC Safety Barrier, Unpinned**
- **Temporary PCC Safety Barrier, Paired**
- **Temporary Impact Attenuator**
- **Arrow Panel**
- **Remove Existing Striping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Sequence of Construction - Phase 2B**

1. Maintain temporary traffic control devices shown in Stage 1A for I-95 NB and I-95 SB, as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plan and Stage 2A plans. Shift traffic to designated travel lanes.
3. Reconstruct shoulders and medians.
5. Continue installing over 6000 lbs. of artificial pavement closures on city street as shown on CS-2B02 and construct RAP & TYVEK.

**Match Line STA 9 +50 - See Dwg. CS-2B02**
**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- 2"x2" MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I BAR BARRICADE
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 2B**
1. Maintain temporary traffic control devices from Stage 2A for I-95 NB, I-95 SB and Ramp L as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plans and stage 2B plans. Shift traffic to designated travel lanes.
3. Reconstruct median and runway.

**NOTES:**
- No storage of equipment or materials shall be allowed within the runout length of the temporary safety barrier between STA 1333+00 and STA 1334+00.

**MATCH LINE STA 133+00 - SEE DWG. CS-2B04**

**MATCH LINE STA 133+50 - SEE DWG. CS-2B05**

**REHABILITATION OF I-95**
FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 111 BARRICADE
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 3' GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 10&quot; LINE &amp; 30&quot; GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 3' GAP</td>
<td></td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 8&quot; GAP</td>
<td></td>
</tr>
<tr>
<td>4&quot; DOTTED YELLOW PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
<td></td>
</tr>
<tr>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:

- SEE CS-2B06 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

DEPARTMENT OF TRANSPORTATION

MATCH LINE STA SB 136+50 – SEE DWG. CS-2B05

MATCH LINE STA SB 135+50 – SEE DWG. CS-2B07

REHABILITATION OF I-95
FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN – PHASE 2B
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I/I BARRIERS
- PLASTIC DRUM
- TEMPORARY FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- ITEM
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1350+45 AND STA. 1350+05.
2. SEE CS-2B07 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE

TRAFFIC FLOW ARROW

TEMPORARY P.C.C. SAFETY BARRIER, UNPinned
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL

REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
5. 4" BROKEN WHITE PAINT, 10' LINE & 3' GAP
6. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
7. 12" SOLID WHITE PAINT
8. 18" SOLID WHITE PAINT
9. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
10. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
11. WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. Maintain temporary traffic control devices from Stage 2A R/B 4-95 NB and I-95 SB, as shown on Page 9.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plans and those in Phase 2A plans. Smart boards to be coordinated with DE.
3. Remove existing signs and symbols.

MATCH LINE STA. 1435+50 - SEE DWG. CS-2017
MATCH LINE STA. SB 1357+50 - SEE DWG. CS-2017
MILE MARKER 62
WILMINGTON
V1.1

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 2B

DELWARE DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF VANDYME RIVER BRIDGE
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Sidewalk Prohibited**
- **Temporary Sign**
- **Type I Barricade**
- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary PL.C. Safety Barrier, Unpinned**
- **Temporary PL.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator Arrow Panel**
- **Remove Existing Stripping by Contractor**
- **Temporary pavement marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Description**
  - 4" Solid White Paint
  - 4" Solid Yellow Paint
  - 10" Solid White Paint
  - 10" Dotted White Paint
  - 10" Broken White Paint, 5' Line & 5' Cap
  - 4" Broken White Paint, 10' Line & 30' Cap
  - 4" Dotted White Paint, 10' Line & 8' Cap
  - 12" Solid White Paint
  - 12" Solid White Paint
  - 4" Dotted White Paint, 2' Line & 6' Cap
  - 4" Dotted Yellow Paint, 2' Line & 6' Cap
  - 4" White Paint Pavement Symbol

**Sequence of Construction - Phase 2B**

1. Maintain temporary traffic control devices from stage 2A on I-95 NB and I-95 SB, as shown on plan.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plan and stage 2A plans. Move traffic to designated traffic lanes.
3. Complete bridge repair construction and deck overlay.

**Match Line STA. 1435 + 50 - See DWG. CS-2B08**

**Match Line STA. 1442 + 50 - See DWG. CS-2B10**

**Delaware Department of Transportation**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 2B**

**Drawings**

- **Control Plan - Phase 2B**
- **Sequence of Construction - Phase 2B**
- **Temporary Pavement Markings Legend**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Notes**

- Project: Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge
- Construction Phasing, M.O.T., and Erosion Control Plan - Phase 2B
- Drawings: Control Plan - Phase 2B, Sequence of Construction - Phase 2B, Temporary Pavement Markings Legend, Temporary Pavement Marking Arrow, Portable Changeable Message Sign

**Dimensions**

- Match Line STA. 1435 + 50 - See DWG. CS-2B08
- Match Line STA. 1442 + 50 - See DWG. CS-2B10
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 2B
1. Location of temporary traffic control devices from stage 2A to I-95 NB and I-95 SB, as shown on plans.
2. Install additional temporary traffic control devices as shown on the permanent warning sign plans and stage 2A plans. Shift traffic to designated travel lanes.
3. Complete bridge repair construction and deck overlay.

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2B

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
DEPARTMENT OF TRANSPORTATION
DELAWARE
CS-2B11
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Sidewalk Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary Impact Attenuator**
- **Remove Existing Striping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Item**
  - 4" Solid White Paint
  - 4" Solid Yellow Paint
  - 10" Solid White Paint
  - 10" Dotted White Paint, 2' Line & 6' Gap
  - 4" Broken White Paint, 10' Line & 30' Gap
  - 4" Dotted White Paint, 3' Line & 9' Gap
  - 12" Solid White Paint
  - 18" Solid White Paint
  - 4" Dotted White Paint, 2' Line & 6' Gap
  - 4" Dotted Yellow Paint, 2' Line & 6' Gap
  - White Paint Pavement Symbol

**Sequence of Construction - Phase 2B**

1. Maintain temporary traffic control devices from Stage 2A R/W T-318 to I-95 SB, as shown on Plan.
2. Install additional temporary traffic control devices as shown on the permanent marking sign plan and Stage 2A plans. Shift traffic to designated travel lanes.

**Match Line STA 2463 + 50 - See DWG. CS-2811**

**Diagram Details**

- **Legend:** Various symbols and markings indicating traffic phasing and temporary pavement markings.
- **Plan and Stage 2B Plan:** Shift traffic to designated travel lanes.
- **Addition / Revision:** New Castles 2B12, Section 3-4.

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

- **Control Plan - Phase 2B**
- **M.O.T., and Erosion Control Plan - Phase 2B**
- **Match Line STA 2463 + 50 - See DWG. CS-2811**

**Calendar**

- **September 2014**
- **June 2015**
- **November 2015**

**Construction Phasing**

- **Type:** M.O.T., and Erosion Control Plan - Phase 2B
- **Location:** Delaware Department of Transportation

**Scale**

- **Feet:** 0, 30, 60, 90
I-95 PHASE 2B
STATION 1324+75 TO STATION 1328+05

NOT TO SCALE

I-95 PHASE 2B
STATION 1328+05 TO STATION 1330+55

LEGEND

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

2. REFER TO THE CRACKS AND GEOMETRIES SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.

4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.

5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
   - 8" GRADED AGGREGATE BASE COURSE, TYPE B - 8"
   - PG 64-22 (4" LIFTS MAX.)
   - 8" BITUMINOUS CONCRETE, SUPERPAVE, 3" BITUMINOUS CONCRETE BASE COURSE, NO CRACKING, NO CRACKS, NO CREVICES, NO CRACKS (1/2" LIFTS MAX.)
   - GRADED AGGREGATE BASE COURSE, TYPE B - 8"

6. PROPOSED TEMPORARY MEDGE PAVEMENT:
   - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 MEDGE 1/2" (LIFTS MAX.)

7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   - BITUMINOUS CONCRETE, SUPERPAVE TYPE C - 2"
   - BITUMINOUS CONCRETE, SUPERPAVE TYPE B - 3"
   - BITUMINOUS CONCRETE, SUPERPAVE, 3" BITUMINOUS CONCRETE BASE COURSE - 2"
   - GRADED AGGREGATE BASE COURSE - 3"

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

NOTE: SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.

NOTE: REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.

NOTE: REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

NOTE: REFER TO THE CRACKS AND GEOMETRIES SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

NOTE: REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.

NOTE: REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MATERIALS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

NOTE: REFER TO THE CRACKS AND GEOMETRIES SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.

NOTE: REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS.
**Construction Phasing Legend**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY M.L.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY M.L.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**Temporary Pavement Markings Legend**

- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 1' LINE & 9' GAP**
- **5" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **5" DOTTED WHITE PAINT, 5' LINE & 5' GAP**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **6" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **6" DOTTED YELLOE PAINT, 2' LINE & 6' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**

**Sequence of Construction - Phase 3A**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Demo work as needed to facilitate traffic changes.

**Match Line STA 3002+00 - see DWG. CS3A02**

**Match Line STA 3010+50 - see DWG. CS3A04**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**Delaware Department of Transportation**

**Scale**: 1" = 0 feet

**Designation / Revisions**: No

**Construction Phasing, M.O.T. and Erosion Control Plan - Phase 3A**

**Addendum / Revisions**: No

**Date of Issue**: 2/11/2018

**Drawing No.**: CS3A03

**Revision**: D

**Purpose**: Drawings for traffic control and pavement markings

**Contractor**: 

**County**: 

**State**: Delaware
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Solid-Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Temporary Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Temporary Pavement Markings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>Solid White Paint</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Solid Yellow Paint</td>
</tr>
<tr>
<td>10&quot;</td>
<td>Solid White Paint</td>
</tr>
<tr>
<td>10&quot;</td>
<td>Broken White Paint, 10' Line &amp; 10' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Dotted Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Dotted Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Broken White Paint, 1' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Solid White Paint</td>
</tr>
<tr>
<td>18&quot;</td>
<td>Solid White Paint</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Broken White Paint, 1' Line &amp; 2' Gap</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Broken White Paint, 1' Line &amp; 2' Gap</td>
</tr>
</tbody>
</table>

**Sequence of Construction - Phase 3A**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Mark ramps to delineate travel lanes.

**New Castle BrandYWine River Bridge**

**From I-495 to North of Brandywine River Bridge**

**Rehabilitation of I-95**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 3A**
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN
PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE

TRAFFIC FLOW ARROW
PLASTIC DRUM
SKID MOUNTED TEMPORARY TRAFFIC CONE
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
REMOVABLE ARROW PANEL

REQUEST EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN
TEMPORARY PAVEMENT MARKING ARROW

CONSTRUCTION PHASING LEGEND

ITEM SYMBOL
1 4" SOLID WHITE PAINT
2 4" SOLID YELLOW PAINT
3 10" SOLID WHITE PAINT
4 10" DOTTED WHITE PAINT, 2' LINE & 3' GAP
5 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
6 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
7 12" SOLID WHITE PAINT
8 18" SOLID WHITE PAINT
9 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
10 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
11 WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKINGS LEGEND

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHOWN SHOWN SHOWN SHOWN SHOWN SHOWN SHOWN TRAFFIC CONTROL LANE.
### Construction Phasing Legend

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **5x10 Mounted Proposed Temporary Sign**
- **Temporary Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

### Temporary Pavement Marking Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>View</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; Dotted White Paint, 10' Line &amp; 30' Gap</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; Dotted White Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>8</td>
<td>4&quot; Dotted Yellow Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>9</td>
<td>White Paint Pavement Symbol</td>
</tr>
</tbody>
</table>

### Temporary Pavement Marking Arrows

- **Temporary Pavement Marking Arrow**
- **780' Merging Taper (W=12')**
- **766' Shifting Taper (W=11')**

### Sequence of Construction - Phase 3A

- Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Shalt proceed as designated travel lanes.

---

**Proposed Construction This Phase**

- **Existing Sign/Proposed Temporary Sign**
- **5x10 Mounted Proposed Temporary Sign**
- **Temporary Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

### Temporary Pavement Marking Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>View</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; Dotted White Paint, 10' Line &amp; 30' Gap</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; Dotted White Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>8</td>
<td>4&quot; Dotted Yellow Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>9</td>
<td>White Paint Pavement Symbol</td>
</tr>
</tbody>
</table>

### Temporary Pavement Marking Arrows

- **Temporary Pavement Marking Arrow**
- **780' Merging Taper (W=12')**
- **766' Shifting Taper (W=11')**

### Sequence of Construction - Phase 3A

- Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Shalt proceed as designated travel lanes.
SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASES. MARK SHAPED TO DELINEATE TRAFFIC LANES.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUNOUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3038+10 AND STA. 3044+50.
**PROPOSED CONSTRUCTION THIS PHASE**

- Existing Sign/Proposed Temporary Sign
- SKID-MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TEMPORARY TRAFFIC BARRIERS, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- Arrow Panel
- Remove existing striping by contractor
- Portable Changeable Message Sign

**EXISTING SIGN/PROPOSED TEMPORARY SIGN**

- Remove existing striping by contractor
- Portable Changeable Message Sign

**TRAFFIC FLOW ARROW**

- Temporary Pavement Markings Arrow
- Temporary Pavement Marking Arrow
- Removed existing striping by contractor
- Portable Changeable Message Sign

**NEW CASTLE BRIDGE**

- Rehabilitate and repair existing concrete barrier
- Existing R/W 3044+50 - 3047+00
- Existing R/W 1197+00 - 1204+00
- New 3046+00 - 3047+00
- New 1199+00 - 1200+00

**CONSTRUCTION PHASING LEGEND**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>PROPOSED CONSTRUCTION THIS PHASE</td>
</tr>
<tr>
<td>☐</td>
<td>EXISTING SIGN/PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>☐</td>
<td>SKID-MOUNTED PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>☐</td>
<td>TYPE III BARRICADE</td>
</tr>
<tr>
<td>☐</td>
<td>PLASTIC DRUM</td>
</tr>
<tr>
<td>☐</td>
<td>TEMPORARY TRAFFIC BARRIERS, UNPINNED</td>
</tr>
<tr>
<td>☐</td>
<td>TEMPORARY P.C.C. SAFETY BARRIER, PINNED</td>
</tr>
<tr>
<td>☐</td>
<td>Arrow Panel</td>
</tr>
<tr>
<td>☐</td>
<td>Remove existing striping by contractor</td>
</tr>
<tr>
<td>☐</td>
<td>Portable Changeable Message Sign</td>
</tr>
</tbody>
</table>

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHAPSHOT N TO ELIMINATE EXISTING LINES.</td>
</tr>
<tr>
<td>☐</td>
<td>COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK REPAI</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 3A**

1. Complete Bridge Repair Construction and Deck Repair
2. Install Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 3A Plans. Short Paint 3 to Eliminate Existing Lines
3. Complete Bridge Repair Construction and Deck Repair
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- 5' HOUGH MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TEMPORARY TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- TEMPORARY PAVEMENT MARKING ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY IMPACT ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT MARKING SIGN PLAN AND STAGE IN PLACE. SHOWN TRAFFIC TO DESIGNATED TRAFFIC LINES.

2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK SHIELD.

NEW CASTLE BRIDGE REHABILITATION FROM I-95 TO NORTH OF BRANDYWINE RIVER BRIDGE
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage traffic in place. Smart signals to designate travel lanes.

2. Complete bridge repair construction and deck overlay.

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE I II BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY IMPACT ATTENUATOR
REMOVAL EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

EXISTING R/W

MATCH LINE STA. 1214+50 - SEE DWG. CS-3A09
MATCH LINE STA. 1223+50 - SEE DWG. CS-3A11

MATCHED BARRIERS

ITEM

SYMBOL

STANDARD PAVEMENT MARKINGS LEGEND

4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL
12" SOLID WHITE PAINT
16" SOLID WHITE PAINT
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKINGS LEGEND

A 4" SOLID WHITE PAINT
B 4" SOLID YELLOW PAINT
C 10" SOLID WHITE PAINT
D 10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
E 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
F 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
G 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
H WHITE PAINT PAVEMENT SYMBOL
I 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
J 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP

CONSTRUCTION PHASING LEGEND

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1214+50 - S
1215+00
1216+00
1217+00
1218+00
1219+00
1220+00
1221+00
1222+00
1223+00

SCALE
FEET
0
30
60
90
**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- PERMANENT WARNING SIGN PLAN AND STAGE 3 Plans, Signs Needed to Designate Travel Lanes.

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
- **ITEM**
- **SYMBOL**
**Construction Phasing Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM</td>
<td>Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 3A Plans. Shift Traffic to Designated Lanes.</td>
</tr>
<tr>
<td>C</td>
<td>Install Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 3A Plans. Shift Traffic to Designated Lanes.</td>
</tr>
</tbody>
</table>

**Temporary Pavement Markings Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; Solid White Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; Broken White Paint, 10' Line &amp; 10' Gap</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; Dotted Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; Dotted Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>8</td>
<td>4&quot; Dotted White Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; Dotted White Paint, 2' Line &amp; 6' Gap</td>
</tr>
</tbody>
</table>

**Sequence of Construction - Phase 3A**

1. Installing Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 3A Plans. Shift Traffic to Designated Lanes.

**Match Line STA 1232+80 - See DWG. CS-3A11**

**Match Line STA 1241+80 - See DWG. CS-3A13**
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRIERS
PLASTIC DRUM
TRAFFIC ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPE BY CONTRACTOR
PORTABLE CHANGABLE MESSAGE SIGN

EXISTING R/W
EXISTING R/W
EXISTING R/W
EXISTING R/W

MATCH LINE STA 1242+00 – SEE DWG CS-3A12
MATCH LINE STA 1243+00 – SEE DWG CS-3A12
MATCH LINE STA 1244+00 – SEE DWG CS-3A12
MATCH LINE STA 1245+00 – SEE DWG CS-3A12
MATCH LINE STA 1246+00 – SEE DWG CS-3A12
MATCH LINE STA 1247+00 – SEE DWG CS-3A12
MATCH LINE STA 1248+00 – SEE DWG CS-3A12
MATCH LINE STA 1249+00 – SEE DWG CS-3A12
MATCH LINE STA 1250+00 – SEE DWG CS-3A12
MATCH LINE STA 1250+00 - S

SEQUENCE OF CONSTRUCTION - PHASE 3A
DETAIL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN F Phases. Draft prepared by determined travel lanes.

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
DELAWARE DEPARTMENT OF TRANSPORTATION

TEMPORARY PAVEMENT MARKINGS LEGEND

SRMBOL ITEM

4" SOLID WHITE PAINT #1
4" SOLID YELLOW PAINT #2
10" SOLID WHITE PAINT #3
10" DOTTED WHITE PAINT, 2' LINE & 6' GAP #4
12" SOLID WHITE PAINT #5
12" DOTTED WHITE PAINT, 3' LINE & 9' GAP #6
16" SOLID WHITE PAINT #7
18" SOLID WHITE PAINT #8
18" DOTTED WHITE PAINT, 10' LINE & 30' GAP #9
4" BROKEN WHITE PAINT, 100' LINE & 300' GAP #10
4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP #11
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP #12
WHITE PAINT PAVEMENT SYMBOL #13

SKU 348
48"x48" W1-4 DE
### Construction Phasing Legend

**Proposed Construction This Phase**  
- Existing Sign/Proposed Temporary Sign  
- 1.5' Mounted Proposed Temporary Sign  
- Type III Barricade  
- Plastic Drum  
- Temporary R.L.C. Safety Barrier, Unpinned  
- Temporary R.L.C. Safety Barrier, Pinned  
- Temporary Impact Attenuator  
- Arrow Panel  
- Remove Existing Stripping by Contractor  
- Portable Changeable Message Sign  

**Temporary Pavement Markings Legend**  
- 4" Solid White Paint  
- 4" Solid Yellow Paint  
- 10" Solid White Paint  
- 10" Broken White Paint, 10' Line & 6' Gap  
- 4" Dotted White Paint, 3' Line & 9' Gap  
- 12" Solid White Paint  
- 16" Solid White Paint  
- 4" Broken White Paint, 2' Line & 6' Gap  
- 4" Dotted Yellow Paint, 2' Line & 6' Gap  
- 4" Dotted White Paint, 2' Line & 6' Gap  
- White Paint Pavement Symbol  

### Notes:  
1. No storage of equipment or material shall be allowed within the run-out length of the concrete median barrier between STA 1254+60 and STA 1256+00.
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Skid Mounted Proposed Temporary Sign**
- **Type III Barricade**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Item**
- **4” Solid White Paint**
- **4” Solid Yellow Paint**
- **10” Solid White Paint**

**Temporary P.C.C. Safety Barrier, Unpinned**

- **Temporary P.C.C. Safety Barrier, Pinned**

**Temporary Impact Attenuator**

**Temporary Pavement Marking Arrow**

**Portable Changeable Message Sign**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 3A**

- **Complete Bridge Repair Construction and Deck Overlay.**
- **Install Temporary Traffic Control Devices as shown on the permanent markings sign plan and stage in place.**
- **Shift traffic to designated travel lanes.**

**Sequence of Construction - Phase 3A**

**Proposed Construction This Phase**

**Proposed Temporary Sign**

**Skid Mounted Proposed Temporary Sign**

**Type III Barricade**

**Temporary Pavement Marking Arrow**

**Portable Changeable Message Sign**
**CONSTRUCTION PHASING LEGEND**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **8' Wide Mounted Proposed Temporary Sign**
- **Type III Barricade**

**Temporary Pavement Markings Legend**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Solid White Paint
- 10" Dotted White Paint, 3 Line & 9' Gap
- 4" Broken White Paint, 10' Line & 30' Gap
- 4" Dotted White Paint, 3' Line & 9' Gap
- 12" Solid White Paint
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Sequence of Construction - Phase 3A**

1. Install Temporary Traffic Control Devices as shown on the Permanent Warning Sign Plan and Stage 3A Plans. Shift Traffic to Designated Travel Lanes.
2. Complete Bridge Repair Construction and Deck Overlay.

**Match Line STA: 1266 + 50 - See DWG: CS-3A15**

**Match Line STA: 1273 + 50 - See DWG: CS-3A17**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**Construction Phasing, M.O.T. and Erosion Control Plan - Phase 3A**
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKING ARROW
TEMPORARY PAVEMENT MARKING ARROW
PORTABLE CHANGEABLE MESSAGE SIGN

PHASE 3A
COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK REPLACEMENT.
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASES. SHUTTLE TRAFFIC TO DESIGNATED TRAFFIC Lanes.
COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK REPLACEMENT.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" BROKEN WHITE PAINT, 2' LINE & 8' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
12" SOLID WHITE PAINT
12" SOLID WHITE PAINT
12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" BROKEN WHITE PAINT, 2' LINE & 8' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
12" SOLID WHITE PAINT
12" SOLID WHITE PAINT
12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

I-95 NORTHBOUND
I-95 SOUTHBOUND
MATCH LINE STA. 1273+50 - SEE DWG. CS-3A16
MATCH LINE STA. 1280+50 - SEE DWG. CS-3A18

CONSTRUCTION PHASING LEGEND

SEQUENCE OF CONSTRUCTION - PHASE 3A
1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK REPLACEMENT.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PHASES. SHUTTLE TRAFFIC TO DESIGNATED TRAFFIC Lanes.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK REPLACEMENT.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" BROKEN WHITE PAINT, 2' LINE & 8' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
12" SOLID WHITE PAINT
12" SOLID WHITE PAINT
12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" BROKEN WHITE PAINT, 2' LINE & 8' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
12" SOLID WHITE PAINT
12" SOLID WHITE PAINT
12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

DEPARTMENT OF TRANSPORTATION
DELAWARE
TOTAL SHEETS:
SHEET NO.
CONTRACT
COUNTY
DESIGNED BY:
CHECKED BY:
ADDENDUMS / REVISIONS

N 8 7 - 0 4 C A D D T ra ffic C S 3 A 17 .d g n
2 /11/2 0 18
9 :16 :0 9 A M

DEPARTMENT OF TRANSPORTATION
DELAWARE
TOTAL SHEETS:
SHEET NO.
CONTRACT
COUNTY
DESIGNED BY:
CHECKED BY:
ADDENDUMS / REVISIONS

N 8 7 - 0 4 C A D D T ra ffic C S 3 A 17 .d g n
2 /11/2 0 18
9 :16 :0 9 A M
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRAIN
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- TRAFFIC FLOW ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN
- REMOVE EXISTING STRIPING BY CONTRACTOR
- ARROW PANEL
- TEMPORARY PAVEMENT MARKING ARROW

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>6&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; BROKEN WHITE PAINT, 8' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>11</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>12</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. Install temporary traffic control devices as shown on the permanent marking sign plan and stage in place. Simulate traffic by designating traffic lanes.
2. Complete bridge repair construction and deck rehabilitation.

MATCH LINE STA 1280 + 50 — SEE DWG.CS-3A17

MATCH LINE STA 1297 + 50 — SEE DWG.CS-3A19

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DELTA ENGINEERS  
DEPARTMENT OF TRANSPORTATION

6-3-14  
TOTAL SHTS. 3-420  
SHEET NO. 3-199  
CAE 3-101

CONTROL PLAN - PHASE 3A  
D.O.T., AND EROSION CONTROL PLAN - PHASE 3A

M. L. King Jr. Blvd  
MARYLAND AVE

DELAWARE AVE  
1 MILE

CS-3A19

CS-3A19
REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

MOT, AND EROSION
CONTROL PLAN - PHASE 3A

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

CONTROL PLAN - PHASE 3A

MATCH LINE STA. 1301+50 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11

MATCH LINE STA. 1301+00 - SEE DWG. CS-3A21
MATCH LINE STA. 1294+50 - SEE DWG. CS-3A19

CONSTRUCTION PHASING, M.O.T., AND EROSION

C-1
1/20/14

DESIGNED BY:

CHECKED BY:

BRIDGE NO.

11
SEQUENCE OF CONSTRUCTION - PHASE 3A

1. Maintain closure of RAMP A and DETOUR TRAFFIC. Complete Bridge Repair Construction and Deck Overlay.
2. Partial temporary traffic control devices as shown on the permanent warning sign plan and space 2A lanes. Shift traffic to designated travel lanes.

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. Maintain closure of RAMP A and DETOUR TRAFFIC. Complete Bridge Repair Construction and Deck Overlay.
2. Partial temporary traffic control devices as shown on the permanent warning sign plan and space 2A lanes. Shift traffic to designated travel lanes.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 111 BARRIERS
- PLASTIC DRUM
- TEMPORARY FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPE BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

MATCH LINE STA. 1301+50 - SEE DWG. CS-3A20
MATCH LINE STA. 1306+50 - SEE DWG. CS-3A22
MATCH LINE STA. 706+50 - SEE DWG. CS-3A38

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 3A

DRAWN
F. SIMMONS
DIA. J. MATTIOTT
CHECKED BY:
DESIGNED BY:
BRIDGE NO.

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 12" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SCALE
FEET

260'-SHIFT TAPER (W = 4')
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIAGE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
5. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
6. 12" SOLID WHITE PAINT
7. 16" SOLID WHITE PAINT
8. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
9. 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
10. 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP

MATCH LINE STA. 1308+50 - SEE DWG. CS-3A21
MATCH LINE STA. 507+00 - SEE DWG. CS-3A23

MATCH LINE STA. 1314+50 - SEE DWG. CS-3A3

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

REALIZATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 507+00 - SEE DWG. CS-3A28
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- TYPE 11 BARRICADE
- PLASTIC DRUM
- TEMPORARY P.C.C. SAFETY BARRIER, UNFINISHED
- TEMPORARY P.C.C. SAFETY BARRIER, PAINTED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN
- TRAFFIC FLOW ARROW
- PLASTIC DRUM
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- PROPOSED CONSTRUCTION THIS PHASE
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>6&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td>8</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>9</td>
<td>16&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; BROKEN WHITE PAINT</td>
</tr>
<tr>
<td>11</td>
<td>4&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td>12</td>
<td>4&quot; DOTTED YELLOW PAINT</td>
</tr>
</tbody>
</table>

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT MARKING SHEET PLAN AND STAGE 3A PLANS. TEMPORARY TRAFFIC CONTROL DEVICES WILL BE REMOVED ONLY WHEN APPROPRIATE.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND SIGN DISPLAY.
SEQUENCE OF CONSTRUCTION - PAGE 5A

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE TEMPORARY MARKING PLAN AND STAGE IN PhASES. TEMPORARY SAFETY BARRIERS TO BE REMOVED PRIOR TO USE.

RECONSTRUCT ROADWAY.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1343+35 AND STA. 1344+90.

DEPARTMENT OF TRANSPORTATION
DELTA
NEW CASTLE COUNTY
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

MATCH LINE STA. 1343+50 - SEE DWG. CS-3A26
MATCH LINE STA. 1345+80 - SEE DWG. CS-3A28

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT, 3' LINE & 9' GAP
4. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
5. 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
6. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
7. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
8. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
9. 12" SOLID WHITE PAINT
10. 16" SOLID WHITE PAINT
11. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
12. WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A47 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 111 BARRIAGE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UNFINISHED
- TEMPORARY PCC SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPE BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- ITEM

1. NOTES:
- SEE CS-3A4 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A
1. CLOSE RAMP 9 AND DESIGN TRAFFIC, RECONSTRUCT INTERSECTIONS.
2. CONSTRUCTION ALLOWABLE WORK HOURS, CLOSE THE I-95 SB LANE AS SHOWN ON CS-3A4 AND RECONSTRUCT INTERSECTIONS.
3. INSTALL TEMPORARY ROUTE CONTROL DRUMS AS SHOWN ON THE TEMPORARY MARKING SIGN PLAN AND STAGE 3A (SWAL, SWAL TURNS TO DESTINATION TRAFFIC LANE).
4. RECONSTRUCT SWAL AND REGATE.

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DIA: 201407404
SCALE: 1" = 200' (0.5:1)

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

DELTA DEPARTMENT OF TRANSPORTATION
**Construction Phasing Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Proposed Construction This Phase</td>
</tr>
<tr>
<td>2.</td>
<td>Existing Sign/Proposed Temporary Sign</td>
</tr>
<tr>
<td>3.</td>
<td>SC-L Mounted Proposed Temporary Sign</td>
</tr>
<tr>
<td>4.</td>
<td>Type I Barricade</td>
</tr>
<tr>
<td>5.</td>
<td>Plastic Drum</td>
</tr>
<tr>
<td>6.</td>
<td>Traffic Flow Arrow</td>
</tr>
<tr>
<td>7.</td>
<td>Temporary Pl.C.C. Safety Barrier, Unpinned</td>
</tr>
<tr>
<td>8.</td>
<td>Temporary Pl.C.C. Safety Barrier, Pinned</td>
</tr>
<tr>
<td>9.</td>
<td>Temporary Impact Attenuator Arrow Panel</td>
</tr>
<tr>
<td>10.</td>
<td>Remove Existing Stripping by Contractor</td>
</tr>
<tr>
<td>11.</td>
<td>Temporary Pavement Marking Arrow</td>
</tr>
<tr>
<td>12.</td>
<td>Portable Changeable Message Sign</td>
</tr>
</tbody>
</table>

**Temporary Pavement Markings Legend**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>4&quot; Solid White paint</td>
</tr>
<tr>
<td>2.</td>
<td>4&quot; Solid Yellow paint</td>
</tr>
<tr>
<td>3.</td>
<td>10&quot; Solid White paint</td>
</tr>
<tr>
<td>4.</td>
<td>10&quot; Dotted White paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>5.</td>
<td>4&quot; Broken White paint, 10' Line &amp; 30' Gap</td>
</tr>
<tr>
<td>6.</td>
<td>4&quot; Dotted White paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>7.</td>
<td>12&quot; Solid White paint</td>
</tr>
<tr>
<td>8.</td>
<td>4&quot; Dotted Yellow paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>9.</td>
<td>White Paint Pavement Symbol</td>
</tr>
</tbody>
</table>

---

**Notes:**

1. See CS-3A41 for additional roadway construction details.
**PROPOSED CONSTRUCTION THIS PHASE**

- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRIERS**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **ARROW PANEL**
- **PORTABLE CHANGABLE MESSAGE SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
- **SYMBOL**
- **DESCRIPTION**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>4&quot; Sol White Paint</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>4&quot; Sol Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>10&quot; Sol White Paint</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>10&quot; Dott White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>4&quot; Dott White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>12&quot; Sol White Paint</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>10&quot; Dott White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>4&quot; Dott Yellow Paint, 3' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>4&quot; Dott Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>White Paint Pavement Symbol</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>4&quot; Dott White Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>10&quot; Dott White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>4&quot; Dott White Paint, 2' Line &amp; 6' Gap</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>4&quot; Dott Yellow Paint, 2' Line &amp; 6' Gap</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 3A**

1. Display temporary traffic control devices as shown on the permanent marking sign plan and stage 3A plans. Shift traffic to designated travel lanes.
2. Complete bridge repair construction and deck overlay.

**MATCH LINE STA. 1435+50 - SEE DWG. CS-3A30**

**MATCH LINE STA. 1442+50 - SEE DWG. CS-3A32**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DEPARTMENT OF TRANSPORTATION**

**Delaware**

**TOTAL SHEETS:**

**SHEET NO.:**

**CONTRACT:**

**COUNTY:**

**DESIGNED BY:**

**CHECKED BY:**

**ADDENDUMS / REVISIONS:**

**CONSTRUCTION PHASING LEGEND**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY TRAFFIC FLOW ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGABLE MESSAGE SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" BROKEN WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**

**SEQUENCE OF CONSTRUCTION - PHASE 3A**
1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 3A.
2. Complete bridge repair construction and deck repairs.

**MATCH LINE STA. 1449+50 - SEE DWG. CS-3A33**

**MATCH LINE STA. 1442+50 - SEE DWG. CS-3A31**
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY PCC SAFETY BARRIER, UPMARKED
- TEMPORARY PCC SAFETY BARRIER, PIMMARKED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 18" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

Temporary pavement markings are used in the construction phasing plan. The markings delineate areas for construction activity and temporary traffic control. The legend includes symbols for various types of temporary pavement markings, such as solid and dotted lines of different widths. These markings aid in the safe management of traffic during construction phases.
**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRAIN
- TRAFFIC FLOW ARROW

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- Arrow Panel
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE TEMPORARY SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN

**SEQUENCE OF CONSTRUCTION - PHASE 3A**
- REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A
- AS SHOWN ON THE DESIGNATED TRAVEL LANE.

**MATCH LINE STA. 1477 + 50 - SEE DWG. CS-3A37**

**MATCH LINE STA. 1470 + 50 - SEE DWG. CS-3A35**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION PHASING, M.O.T., EROSION CONTROL PLAN - PHASE 3A**

**ADDENDUMS / REVISIONS**
- 12/11/2018 9:16:35 A.M.

**CS-3A36**

**3-217**

**3-420**
### Construction Phasing Legend

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Proposed Construction This Phase</td>
</tr>
<tr>
<td>2</td>
<td>Existing Sign/Proposed Temporary Sign</td>
</tr>
<tr>
<td>3</td>
<td>Solid Mounted Proposed Temporary Sign</td>
</tr>
<tr>
<td>4</td>
<td>Type III Barricade</td>
</tr>
<tr>
<td>5</td>
<td>Plastic Drum</td>
</tr>
<tr>
<td>6</td>
<td>Temporary P.C.C. Safety Barrier, Unpinned</td>
</tr>
<tr>
<td>7</td>
<td>Temporary P.C.C. Safety Barrier, Pinned</td>
</tr>
<tr>
<td>8</td>
<td>Temporary Impact Attenuator</td>
</tr>
<tr>
<td>9</td>
<td>Remove Existing Stripping by Contractor</td>
</tr>
<tr>
<td>10</td>
<td>Portable Changeable Message Sign</td>
</tr>
</tbody>
</table>

### Temporary Pavement Markings Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>4</td>
<td>4&quot; Broken White Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; Dotted White Paint, 3&quot; Line &amp; 9' Gap</td>
</tr>
<tr>
<td>6</td>
<td>12&quot; Solid White Paint</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; Dotted White Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>8</td>
<td>18&quot; Solid White Paint</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; Dotted Yellow Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>11</td>
<td>White Paint Pavement Symbol</td>
</tr>
<tr>
<td>12</td>
<td>4&quot; Dotted White Paint, 3&quot; Line &amp; 9' Gap</td>
</tr>
<tr>
<td>13</td>
<td>4&quot; Broken White Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>14</td>
<td>4&quot; Broken Yellow Paint, 2&quot; Line &amp; 6' Gap</td>
</tr>
<tr>
<td>15</td>
<td>4&quot; Broken White Paint, 2&quot; Line &amp; 30' Gap</td>
</tr>
<tr>
<td>16</td>
<td>4&quot; Broken Yellow Paint, 2&quot; Line &amp; 30' Gap</td>
</tr>
</tbody>
</table>

### Sequence of Construction - Phase 3A

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 3A plans. Temporarily shift to designated travel lanes.
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **SKD Mounted Proposed Temporary Sign**
- **Type I1 Barricade**
- **Plastic Drum**
- **Temporary M.C.C. Safety Barrier, Unpinned**
- **Temporary M.C.C. Safety Barrier, Pinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Solid White Paint**
- **16" Solid White Paint**
- **4" Dotted White Paint, 3' Line & 9' Gap**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 3A**

- **Match Line STA 807 + 50 - See DWG. CS-3A48**
- **Match Line STA 816 + 50 - See DWG. CS-3A38**

**Sequence of Construction - Phase 3A**

1. **Match Closure of Ramp E and Ramp F and Detour Traffic. Complete Bridge Repair Construction No. 320 (3).**
2. **Use Temporary P-700 Concrete Blocks As Shown on the Permanent Warning Sign Plan and Stage 3-220. Short Taper to Existing Travel Lines.**
3. **Use All Alternate Work Hours, Close the Left Lanes on Martin Luther King Jr Blvd As Shown on CS-1A42 and Restore Median and Construct Permanent Curb and gutter.**
4. **Construct Proposed Overhead Sign Structure OH-5.**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

**DEPARTMENT OF TRANSPORTATION**

**County: New Castle**

**State: Delaware**

**Project No.: T201407404**

**Scale: 1/100 feet**

**Drawing: CS-3A38**

**Date: 3/2018**

**Design Firm:**

**Redesign:**

**Construction:**

**Reconstruction:**

**Consultant:**

**Contractor:**

**Client:**

**Engineer:**

**Architect:**

**Project Manager:**

**Construction Inspector:**

**Surveyor:**

**Drawn by:**

**Checked by:**

**Surveyed by:**

**Prepared by:**

**Drafted by:**

**Printed by:**

**Reviewed by:**
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

**SYMBOL**: ITEM

- [ ] 4" SOLID WHITE PAINT
- [ ] 4" SOLID YELLOW PAINT
- [ ] 10" SOLID WHITE PAINT
- [ ] 10" DOTTED WHITE PAINT, 3' LINE & 3' GAP
- [ ] 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- [ ] 4" DOTTED WHITE PAINT, 3' LINE & 3' GAP
- [ ] 12" SOLID WHITE PAINT
- [ ] 16" SOLID WHITE PAINT
- [ ] 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- [ ] 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- [ ] WHITE PAINT PAVEMENT SYMBOL

MATCH LINE STA 807+50 - SEE DWG CS-3A39

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLANS AND STAGE IN PHASE 3A. COMPLETE THIS WORK IN DESIGNATED TRAFFIC LANES.
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM

TEMPORARY PVC SAFETY BARRIER, UNPINNED
TEMPORARY PVC SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL

REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM SYMBOL

4" SOLID WHITE PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT MARKING SIGN PLAN AND STAGE 3 PLAN. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK SEALANT.

MATCH LINE STA 1261+50 - SITE DWG CS-3802

DELTADE OF TRANSPORTATION

CONSTRUCTION PHASING, M.O.T., AND EROSION
CONTROL PLAN - PHASE 3B

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CS-3801
**CONSTRUCTION PHASING LEGEND**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRIERS**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **PORTABLE CHANGEABLE MESSAGE SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**

**SEQUENCE OF CONSTRUCTION - PHASE 3B**

1. Install temporary traffic control devices as shown on the permanent marking sign plan and stage traffic as shown on the permanent warning sign plan and stage traffic as shown on the permanent warning sign plan.
2. Complete bridge repair construction and deck overlay.

**MATCH LINE STA 1266 + 50 - SEE DWG. CS-3B01**

**MATCH LINE STA 1273 + 50 - SEE DWG. CS-3B03**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B**

**DEPARTMENT OF TRANSPORTATION**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPLING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION PHASING LEGEND

ITEM
4” SOLID WHITE PAINT
4” SOLID YELLOW PAINT
10” SOLID WHITE PAINT
10” BROKEN WHITE PAINT, 3’ LINE & 9’ GAP
4” BROKEN WHITE PAINT, 3’ LINE & 9’ GAP
4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP
4” SOLID WHITE PAINT
4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP
4” DOTTED YELLOW PAINT, 3’ LINE & 9’ GAP
4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP
4” DOTTED YELLOW PAINT, 3’ LINE & 9’ GAP
WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
4” SOLID WHITE PAINT
4” SOLID YELLOW PAINT
10” SOLID WHITE PAINT
10” BROKEN WHITE PAINT, 3’ LINE & 9’ GAP
4” BROKEN WHITE PAINT, 3’ LINE & 9’ GAP
4” BROKEN WHITE PAINT, 10’ LINE & 30’ GAP
4” SOLID WHITE PAINT
4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP
4” DOTTED YELLOW PAINT, 3’ LINE & 9’ GAP
4” DOTTED WHITE PAINT, 3’ LINE & 9’ GAP
4” DOTTED YELLOW PAINT, 3’ LINE & 9’ GAP
WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IN PhAsE 3B PLANS. SHIFTr TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR, CONSTRUCTION AND DECK DISPLAY.
**SEQUENCE OF CONSTRUCTION - PHASE 3B**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage in phases. Sharply curve to designated travel lane.
2. Complete bridge repair construction and deck overlay.

**CONSTRUCTION PHASING LEGEND**

- **EXISTING SIGN/proposed temporary sign**
- **SKY MOUNTED PROPOSED TEMPORARY SIGN**

**TEMPORARY MARKINGS LEGEND**

- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **WHITE PAINT Pavement Symbol**

**MATCH LINE STA 1231+50 - SEE DWG. CS-3B04**

**MATCH LINE STA 1244+50 - SEE DWG. CS-3B06**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B**

**M.O.T., AND EROSION**

**WRA**

**NEW CASTLE**

**BRANDYWINE RIVER BRIDGE**

**CONTROL PLAN - PHASE 3B**
SEQUENCE OF CONSTRUCTION - PHASE 3B

1. Install temporary traffic control devices as shown on the permanent marking plan and stage the plan. Paint striping as designated signal lines.

2. Complete bridge repair construction and deck repairs.

CONSTRUCTION PHASING LEGEND

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PROPOSED CONSTRUCTION THIS PHASE</td>
</tr>
<tr>
<td></td>
<td>EXISTING SIGN/PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td></td>
<td>SKID MOUNTED PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td></td>
<td>TYPE III BARRIACADE</td>
</tr>
<tr>
<td></td>
<td>PLASTIC DRUM</td>
</tr>
<tr>
<td></td>
<td>TEMPORARY P.C.C. SAFETY BARRIER, PINNED</td>
</tr>
<tr>
<td></td>
<td>TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED</td>
</tr>
<tr>
<td></td>
<td>TEMPORARY IMPACT ATTENUATOR</td>
</tr>
<tr>
<td></td>
<td>TRAFFIC FLOW ARROW</td>
</tr>
<tr>
<td></td>
<td>PORTABLE CHANGEABLE MESSAGE SIGN</td>
</tr>
</tbody>
</table>

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td></td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td></td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td></td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>10&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td></td>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td></td>
<td>4&quot; DOTTED YELLOW PAINT</td>
</tr>
<tr>
<td></td>
<td>4&quot; DOTTED YELLOW PAINT</td>
</tr>
<tr>
<td></td>
<td>4&quot; DOTTED WHITE PAINT</td>
</tr>
<tr>
<td></td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

MATCH LINE STA 1284.50 - SEE DWG. CS-3B06

MATCH LINE STA 1301.50 - SEE DWG. CS-3B07

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 3B
REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER, DOUGLAS

MATCH LINE STA. 1301+50 - SEE DWG. CS-3B06
MATCH LINE STA. 1308+50 - SEE DWG. CS-3B06
MATCH LINE STA. 706+50 - SEE DWG. CS-3B17

CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- MELO MANUALLY PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
- 4" BROKEN YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B
- INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON PERMANENT WARNING SIGN PLAN AND STAGE
  TRAFFIC AS SHOWN ON MATCH LINE MATCH LINE. COMPLETE OTHER PHASES PER CONTRACT AND ODOT OVERLAY.

DRAWN BY:
CHECKED BY:
DESIGNED BY:

SCALE: FEET
0 30 60 90
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 11 BARRICADE
- PLASTIC DRUM
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND
SYMBOL: ITEM
(4) 4" SOLID WHITE PAINT
(5) 4" SOLID YELLOW PAINT
(6) 10" SOLID WHITE PAINT
(7) 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(8) 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(9) 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(10) 12" SOLID WHITE PAINT
(11) 16" SOLID WHITE PAINT
(12) 4" DOTTED WHITE PAINT, 2' LINE & 8' GAP
(13) 4" DOTTED YELLOW PAINT, 2' LINE & 8' GAP
(14) WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. TEMPORARILY LIMIT TRAFFIC TO EXISTING TRAFFIC LANES.
2. COMPLETE OFFICE BEFORE CONSTRUCTION AND SITE CLEANUP.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PREFERRED TEMPORARY SIGN
- SIGNS MOUNTED PROPOSED TEMPORARY SIGN
- TYPE 111 BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW

- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>☐</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>☐</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>☐</td>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>☐</td>
<td>4&quot; BROKEN WHITE PAINT, 10&quot; LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>☐</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>☐</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>☐</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>☐</td>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>☐</td>
<td>4&quot; DOTTED YELLOW PAINT, 2&quot; LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>☐</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

MATCH LINE STA. 1321 + 50 - SEE DWG. CS-3B09

MATCH LINE STA. 1327 + 60 - SEE DWG. CS-3B11

DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE OF PHASES. TEMPS MARKETED AT DESIGNATED TRAVEL LANES.

SEQUENCE OF CONSTRUCTION - PHASE 3B

CHECKED BY:

DESIGNED BY:
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- S.M.W. MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRIERS
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPE BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW Paint</td>
<td>4&quot; SOLID YELLOW Paint</td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 2&quot; LINE &amp; 6&quot; GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 3&quot; LINE &amp; 9&quot; GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 4&quot; LINE &amp; 9&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 4&quot; LINE &amp; 9&quot; GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 5&quot; LINE &amp; 10&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 5&quot; LINE &amp; 10&quot; GAP</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 6&quot; LINE &amp; 12&quot; GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 6&quot; LINE &amp; 12&quot; GAP</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 3B

- Install temporary traffic control devices as shown on the permanent warning sign plan and stage
  30 minutes. Simply control all right-side traffic lanes.

MATCH LINE STA. B16-50 - SEE DWG. CS-3B17

NEW CASTLE BRANDYWINE RIVER BRIDGE FROM I-495 TO NORTH OF REHABILITATION OF I-95 T201407404 CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B
NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL SHEETS FOR TEMPORARY PAVEMENT MALLS, TEMPORARY GARRISON LOCATIONS, LANE TRANSITIONS, LAYER LAYING, ETC.
2. **SUPERELEVATION CROSS SLOPE**: REFER TO THE Grades AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS.
3. REFER TO TYPICAL SECTIONS 76-40 THROUGH 76-45 FOR FINAL REHABILITATION SECTIONS.
4. SHADING DEPICTS CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION
   - 6" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)
   - 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 64-22
   - 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22
   - 3" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
6. PROPOSED TEMPORARY MIDGE PAVEMENT:
   - 8" GRADED AGGREGATE BASE COURSE, TYPE B
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   - BITUMINOUS CONCRETE, SUPERPAVE Type C: 6" - 6" GYRATIONS, PG 64-22
   - BITUMINOUS CONCRETE, SUPERPAVE Type C: 3" - 3" GYRATIONS, PG 70-22
   - BITUMINOUS CONCRETE, SUPERPAVE Type C: 3" - 3" GYRATIONS, PG 70-22 (NON-CARBONATE STONE)

PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
- 8" GRADED AGGREGATE BASE COURSE, TYPE B

REFERENCE SHEETS:
- TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
- GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
- PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, LAYER LAYING, ETC.
- REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL SHEETS FOR TEMPORARY PAVEMENT MALLS, TEMPORARY GARRISON LOCATIONS, LANE TRANSITIONS, LAYER LAYING, ETC.

ITEMS 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE MILLING
ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE MILLING, VARIABLE DEPTH
ITEM 760013 - PAVEMENT MILLING, BITUMINOUS CONCRETE MILLING
ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
PLASTIC DRUM
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION PHASING LEGEND

PROPOSED TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TO PhASE 3c PLANS. SHOWN SHAPES TO DESIGNATED TRAVEL LINES.

SEQUENCE OF CONSTRUCTION - PHASE 3C
(1) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
(2) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE TO PhASE 3c PLANS. SHOWN SHAPES TO DESIGNATED TRAVEL LINES.

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT
5. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
6. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
7. 12" SOLID WHITE PAINT
8. 18" SOLID WHITE PAINT
9. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
10. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
11. WHITE PAINT PAVEMENT SYMBOL
12. 4" SOLID WHITE PAINT
13. 10" SOLID WHITE PAINT
14. 10" SOLID WHITE PAINT
15. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
16. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
17. 12" SOLID WHITE PAINT
18. 18" SOLID WHITE PAINT
19. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
20. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
21. WHITE PAINT PAVEMENT SYMBOL
22. 4" SOLID WHITE PAINT
23. 10" SOLID WHITE PAINT
24. 10" SOLID WHITE PAINT
25. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
26. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
27. 12" SOLID WHITE PAINT
28. 18" SOLID WHITE PAINT
29. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
30. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
31. WHITE PAINT PAVEMENT SYMBOL

MATCH LINE STA 1301+50 - SEE DWG CS-3C02

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3C

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

NEW CASTLE BRANDYWINE RIVER BRIDGE
FROM I-495 TO NORTH OF

CS-3C01

DATE OF PREP 09/22/14
DATE OF ISSUE 09/24/14
SHEET NO 1300+00

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

NEW CASTLE BRANDYWINE RIVER BRIDGE
FROM I-495 TO NORTH OF

CS-3C01

DATE OF PREP 09/22/14
DATE OF ISSUE 09/24/14
SHEET NO 1300+00
CONSTRUCTION PHASING LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>REMOVED EXISTING STRIPING BY CONTRACTOR</td>
</tr>
<tr>
<td>2</td>
<td>TEMPORARY TRAFFIC FLOW ARROW</td>
</tr>
<tr>
<td>3</td>
<td>EXISTING SIGN/PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>4</td>
<td>SKID MOUNTED PROPOSED TEMPORARY SIGN</td>
</tr>
<tr>
<td>5</td>
<td>TYPE III BARRICADE</td>
</tr>
<tr>
<td>6</td>
<td>PLASTIC DRUM</td>
</tr>
</tbody>
</table>

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>8</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>10</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>11</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>12</td>
<td>18&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>13</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>14</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>15</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>16</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>17</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>18</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>19</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 4

- Install temporary pavement marking devices as shown on the permanent warning sign plan and stage temporary traffic control devices as shown.

MATCH LINE STA 3010+50 - SEE DWG CS-402
**CONSTRUCTION PHASING LEGEND**
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKI-MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**
- **Symbol**
- **View**
- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **6" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **12" SOLID WHITE PAINT**
- **18" SOLID WHITE PAINT**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **WHITE PAINT PAVEMENT SYMBOL**

**SEQUENCE OF CONSTRUCTION - PHASE 4**
- INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLAN. SHOWN DEVICES ARE DESIGNATED TRAVEL LANES.
**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. Remove temporary paving and construct proposed permanent concrete median barrier.
2. Install temporary plastic control devices as shown on the permanent paving sign plan and stage temporary shoulder closures.

**NOTES:**

- Length of the temporary safety barrier between STA. 3039+80 and STA. 3041+90.
- No storage of equipment or materials shall be allowed within the run-out length of the temporary safety barrier.

**CONSTRUCTION PHASING LEGEND**

- Temporary pavement markings
- Temporary P.C.C. safety barrier, pinned
- Temporary P.C.C. safety barrier, unpinned
- Temporary impact attenuator
- Remove existing striping by contractor
- Portable changeable message sign

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- 4" Solid white paint
- 4" Solid yellow paint
- 10" Solid white paint
- 4" Broken white paint, 3' line & 9' gap
- 4" Dotted white paint, 3' line & 9' gap
- 10" Dotted white paint
- 4" Dotted white paint, 2' line & 6' gap
- 4" Dotted yellow paint, 2' line & 6' gap
- White paint pavement symbol

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**MATCH LINE STA. 3044+50 - SEE DWG. CS-406**

**MATCH LINE STA. 3036+10 - SEE DWG. CS-404**

**SCALE:**

- 30" = 1'-0"
**CONSTRUCTION PHASING LEGEND**

- **PROPOSED CONSTRUCTION THIS PHASE**
  - EXISTING SIGNS/PROPOSED TEMPORARY SIGN
  - SKID MOUNTED PROPOSED TEMPORARY SIGN
  - TYPE III BARRICADE
  - PLASTIC DRUM
  - TRAFFIC FLOW ARROW
  - TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
  - TEMPORARY P.C.C. SAFETY BARRIER, PINNED
  - ARROW PANEL
  - REMOVE EXISTING STRIPING BY CONTRACTOR
  - PORTABLE CHANGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **ITEM**
  - 4" SOLID WHITE PAINT
  - 4" SOLID YELLOW PAINT
  - 10" SOLID WHITE PAINT
  - 10" DOTTED WHITE PAINT, 10' LINE & 30' GAP
  - 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
  - 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
  - 4" DOTTED WHITE PAINT, 3' LINE & 6' GAP
  - 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
  - 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. REMOVE TEMPORARY PAINTING AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1 PLAN. SHOWN PLANS TO DESIGNATED持ち種レベル。

**MATCH LINE STA. 3044 + 50 - SEE DWG. CS-405**

**MATCH LINE STA. 1205 + 60 - SEE DWG. CS-407**

**NEWCASTLE, DE**

**NEWARK, DE**

**Baltimore**

**NEW CASTLE DEL MEM BR**

**NEWARK BRIDGE**

**WILMINGTON BAY**

M.L. King Jr Blvd 19%
Delaware Ave 2.5%
Cor Consedr Pkwy 3.5%

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4**
### Construction Phasing Legend

- **Proposed Construction This Phase**
  - Existing Sign/Proposed Temporary Sign
  - Sign Mounted Proposed Temporary Sign
  - Type I (T) Barricade
  - Plastic Drum
  - Traffic Flow Arrow
  - Temporary P.C.C. Safety Barrier, Unpinned
  - Temporary P.C.C. Safety Barrier, Pinned
  - Temporary Impact Attenuator
  - Arrow Panel
  - Remove Existing Stripping by Contractor
  - Temporary Pavement Marking Arrow
  - Portable Changeable Message Sign

### Temporary Pavement Markings Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>4&quot; Solid White Paint</td>
</tr>
<tr>
<td>G</td>
<td>4&quot; Solid Yellow Paint</td>
</tr>
<tr>
<td>B</td>
<td>10&quot; Solid White Paint</td>
</tr>
<tr>
<td>F</td>
<td>10&quot; Dotted White Paint, 3' Line &amp; 9' Gap</td>
</tr>
<tr>
<td>E</td>
<td>4&quot; Broken White Paint, 10' Line &amp; 30' Cap</td>
</tr>
<tr>
<td>D</td>
<td>4&quot; Dotted White Paint, 3' Line &amp; 9' Cap</td>
</tr>
<tr>
<td>C</td>
<td>12&quot; Solid White Paint</td>
</tr>
<tr>
<td>H</td>
<td>4&quot; Dotted White Paint, 2' Line &amp; 6' Cap</td>
</tr>
<tr>
<td>J</td>
<td>4&quot; Dotted Yellow Paint, 2' Line &amp; 6' Cap</td>
</tr>
<tr>
<td>K</td>
<td>White Paint Pavement Symbol</td>
</tr>
</tbody>
</table>

### Sequence of Construction - Phase 4

1. Install temporary traffic control devices as shown on the permanent marking sign plan and stage.
2. Plan 1: Shift traffic to designated travel lanes.
3. Install temporary traffic control devices as shown on the permanent warning sign plan and stage.
4. Remove existing striping by contractor.
5. Temporary pavement marking arrow.
6. Portable changeable message sign.

### Diagram

- Match line STA 1205+00 - See DWG CS-108

**Note:** The diagram includes details such as sequence of construction phases, traffic flow arrows, and pavement markings. It is crucial to follow the outlined phases meticulously to ensure smooth traffic flow and safety during construction phases 3-250 and 3-420.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN

TYPE III BARRIERS

- PLASTIC DRUM
- TRAFFIC FLOW ARROW

- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL

- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL
- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" BROKEN WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 12" SOLID WHITE PAINT
- 12" SOLID WHITE PAINT
- 12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP

SEQUENCE OF CONSTRUCTION - PHASE 4

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2 PLANS. TEMPORARY WATERMARK TO DESIGNATED TRAFFIC LINES.
**CONSTRUCTION PHASING LEGEND**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Proposed construction this phase</td>
</tr>
<tr>
<td>2.</td>
<td>Existing sign/proposed temporary sign</td>
</tr>
<tr>
<td>3.</td>
<td>Ski mounted proposed temporary sign type I I barricade</td>
</tr>
<tr>
<td>4.</td>
<td>Plastic drum</td>
</tr>
<tr>
<td>5.</td>
<td>Traffic flow arrow</td>
</tr>
<tr>
<td>6.</td>
<td>Temporary P.C.C. safety barrier, unpinned</td>
</tr>
<tr>
<td>7.</td>
<td>Temporary P.C.C. safety barrier, pinned</td>
</tr>
<tr>
<td>8.</td>
<td>Temporary impact attenuator</td>
</tr>
<tr>
<td>9.</td>
<td>Remove existing striping by contractor</td>
</tr>
<tr>
<td>10.</td>
<td>Portable changeable message sign</td>
</tr>
</tbody>
</table>

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Solid white paint</td>
</tr>
<tr>
<td>2.</td>
<td>Solid yellow paint</td>
</tr>
<tr>
<td>3.</td>
<td>10&quot; solid white paint</td>
</tr>
<tr>
<td>4.</td>
<td>10&quot; dotted white paint, 2' line &amp; 6' gap</td>
</tr>
<tr>
<td>5.</td>
<td>10&quot; dotted white paint, 3' line &amp; 9' gap</td>
</tr>
<tr>
<td>6.</td>
<td>10&quot; dotted white paint, 5' line &amp; 9' gap</td>
</tr>
<tr>
<td>7.</td>
<td>10&quot; dotted white paint, 10' line &amp; 30' gap</td>
</tr>
<tr>
<td>8.</td>
<td>10&quot; solid white paint, 2' line &amp; 6' gap</td>
</tr>
<tr>
<td>9.</td>
<td>10&quot; solid white paint, 3' line &amp; 9' gap</td>
</tr>
<tr>
<td>10.</td>
<td>10&quot; solid white paint, 5' line &amp; 9' gap</td>
</tr>
<tr>
<td>11.</td>
<td>10&quot; solid white paint, 10' line &amp; 30' gap</td>
</tr>
<tr>
<td>12.</td>
<td>12&quot; solid white paint</td>
</tr>
<tr>
<td>13.</td>
<td>16&quot; solid white paint</td>
</tr>
<tr>
<td>14.</td>
<td>4&quot; dotted yellow paint, 2' line &amp; 6' gap</td>
</tr>
<tr>
<td>15.</td>
<td>4&quot; dotted yellow paint, 3' line &amp; 9' gap</td>
</tr>
<tr>
<td>16.</td>
<td>4&quot; broken white paint, 10' line &amp; 30' gap</td>
</tr>
<tr>
<td>17.</td>
<td>4&quot; dotted white paint, 2' line &amp; 6' gap</td>
</tr>
<tr>
<td>18.</td>
<td>4&quot; dotted white paint, 3' line &amp; 9' gap</td>
</tr>
<tr>
<td>19.</td>
<td>4&quot; dotted white paint, 5' line &amp; 9' gap</td>
</tr>
<tr>
<td>20.</td>
<td>4&quot; dotted white paint, 10' line &amp; 30' gap</td>
</tr>
<tr>
<td>21.</td>
<td>4&quot; solid white paint</td>
</tr>
<tr>
<td>22.</td>
<td>4&quot; solid yellow paint</td>
</tr>
<tr>
<td>23.</td>
<td>4&quot; solid yellow paint</td>
</tr>
<tr>
<td>24.</td>
<td>4&quot; solid white paint</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 2 plans. Shift traffic to designated travel lanes.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>ITEM</th>
<th>symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>2</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>3</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4</td>
<td>10&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>5</td>
<td>4&quot; BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>6</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>7</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>8</td>
<td>18&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>9</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>10</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>11</td>
<td>4&quot; DOTTED YELLOW PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>12</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

LEGEND OF CONSTRUCTION - PHASE 4

- INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2 PLANS. APPLY TRAFFIC TO DESIGNATED TRAVEL LANES.

SCALE
FEET
0 30 60 90

MATCH LINE STA. 1241+50 - SEE DWG. CS-409
MATCH LINE STA. 1232+50 - SEE DWG. CS-411

REHABILITATION OF I-95
FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DEPARTMENT OF TRANSPORTATION
**CONSTRUCTION PHASING LEGEND**

- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **TEMPORARY PAVEMENT MARKINGS LEGEND**
- **TEMPORARY PAVEMENT MARKING ARROW**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **ARROW PANEL**
- **REMOVE EXISTING STRIPING BY CONTRACTOR**
- **RESERVED**

**PROFILE DRAWING**

- **EXISTING R/W**
- **NEW CASTLE**
- **BRANDYWINE RIVER BRIDGE**
- **FROM I-495 TO NORTH OF**
- **REHABILITATION OF I-95**

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2 PLANS. INSTALLphanes phahed**
**CONSTRUCTION PHASING LEGEND**

- **PROPOSED CONSTRUCTION THIS PHASE**
- **EXISTING SIGN/PROPOSED TEMPORARY SIGN**
- **SKLO MOUNTED PROPOSED TEMPORARY SIGN**
- **TYPE III BARRICADE**
- **PLASTIC DRUM**
- **TRAFFIC FLOW ARROW**
- **TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED**
- **TEMPORARY P.C.C. SAFETY BARRIER, PINNED**
- **TEMPORARY IMPACT ATTENUATOR**
- **ARROW PANEL**
- **PORTABLE CHANGEABLE MESSAGE SIGN**
- **REMOVE EXISTING STRIPLING BY CONTRACTOR**
- **PORTABLE PAVEMENT MARKING ARROW**
- **SKID MOUNTED PROPOSED TEMPORARY SIGN**

**TEMPORARY PAVEMENT MARKINGS LEGEND**

- **4" SOLID WHITE PAINT**
- **4" SOLID YELLOW PAINT**
- **10" SOLID WHITE PAINT**
- **10" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **10" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **12" SOLID WHITE PAINT**
- **12" SOLID YELLOW PAINT**
- **12" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **12" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **16" SOLID WHITE PAINT**
- **4" BROKEN WHITE PAINT, 10' LINE & 30' GAP**
- **4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP**
- **4" DOTTED WHITE PAINT, 3' LINE & 9' GAP**
- **4" DOTTED WHITE PAINT, 2' LINE & 6' GAP**
- **10" DOTTED WHITE PAINT**

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
2. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
3. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
4. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
5. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
6. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
7. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
8. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
9. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**
10. **INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 TRAFFIC TO DESIGNATED TRAVEL LANES.**

**NOTES:**

1. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
2. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
3. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
4. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
5. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
6. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
7. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
8. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
9. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**
10. **LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262+00 ALLOWED.**

**SCALE:** FEET

- 0
- 30
- 60
- 90
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Temporary Pavement Markings**
- **Existing Sign/Proposed Temporary Sign**
- **Traffic Flow Arrow**
- **Temporary Professional, Unpinned**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Legend**
- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 2' Line & 9' Gap**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Dotted White Paint, 2' Line & 6' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **White Paint Pavement Symbol**

**Sequence of Construction - Phase 4**

1. Install temporary traffic control devices as shown on the permanent warning sign plan and stage 2 phases, using traffic to detour travel lanes.

**Planning - Phase 4**

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 4**

**Match Line Sta. 1266+50 - See Dwg. CS-416**

**Match Line Sta. 1280+50 - See Dwg. CS-417**

**Sequence of Construction - Phase 4**

- Shift traffic to designated travel lanes.
- Install temporary traffic control devices as shown on the permanent warning sign plan and stage 2 phases, using traffic to detour travel lanes.

**Proposed Construction This Phase**

- Traffic Flow Arrow
- Temporary Professional, Unpinned
- Temporary Impact Attenuator
- Remove Existing Stripping by Contractor
- Portable Changeable Message Sign

**Temporary Pavement Markings**

- 4" Solid White Paint
- 4" Solid Yellow Paint
- 10" Solid White Paint
- 10" Dotted White Paint, 2' Line & 9' Gap
- 4" Dotted White Paint, 3' Line & 9' Gap
- 4" Dotted White Paint, 2' Line & 6' Gap
- 4" Dotted Yellow Paint, 2' Line & 6' Gap
- White Paint Pavement Symbol

**Proposed Construction This Phase**

- Temporary Professional, Unpinned
- Temporary Impact Attenuator
- Remove Existing Stripping by Contractor
- Portable Changeable Message Sign
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
PORTABLE IMPACT ATTENUATOR
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 4" BROKEN WHITE PAINT, 3' LINE & 9' GAP
5. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
6. 12" SOLID WHITE PAINT
7. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
8. 4" DOTTED YELLOW PAINT, 3' LINE & 9' GAP
9. WHITE PAINT Pavement Symbol
CONSTRUCTION PHASING LEGEND

PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SATELITE MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPEING BY CONTRACTOR
TEMPORARY PAVEMENT MARKING ARROW
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
SYMBOL
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" BROKEN WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

MATCH LINE STA 1201 + 50 - SEE DWG. CS-417
MATCH LINE STA 1208 + 50 - SEE DWG. CS-419

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
NEW CASTLE COUNTY
CS-419
JULY, 2017

NOMENCLATURE / REVIEWS

SCALE
FEET
0
30
60
90

I-95 NORTHBOUND
I-95 SOUTHBOUND
RAMQ F
S. JACKSON ST.
S. ADAMS ST.
RAMP D
RAMQ F
S. JACKSON ST.
S. ADAMS ST.
RAMP D

SEQUENCE OF CONSTRUCTION - PHASE 4
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT MARKING SIGN PLAN AND STAGE 4 PLAN. SHOULDS SHOWN AT DESIGNATED TRAVEL LANES.
CONSTRUCTION PHASING LEGEND
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I I BARRI EROSION
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM

1. 4" SOLID WHITE PAINT
2. 4" SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
5. 4" BROKEN WHITE PAINT, 10" LINE & 30' GAP
6. 4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
7. 12" SOLID WHITE PAINT
8. 12" DOTTED WHITE PAINT, 2' LINE & 6' GAP
9. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
10. WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

ITEM

MATCH LINE STA. 1339 + 00 - SEE DWG. CS-422
MATCH LINE STA. 1339 + 50 - SEE DWG. CS-423

DEPARTMENT OF TRANSPORTATION

DELAWARE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

SEQUENCE 4 CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFTS SHOWN TO DELAWARE TRAFFIC LANES.
**CONSTRUCTION PHASING LEGEND**

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I I Barricade
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- PORTABLE CHARGEABLE MESSAGE SIGN

**TEMPORARY PAVEMENT MARKINGS LEGEND**

**ITEM**

- 4" SOLID WHITE PAINT
- 4" SOLID YELLOW PAINT
- 10" SOLID WHITE PAINT
- 10" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
- 4" DOTTED WHITE PAINT, 3' LINE & 6' GAP
- 12" SOLID WHITE PAINT
- 16" SOLID WHITE PAINT
- 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
- 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
- WHITE PAINT PAVEMENT SYMBOL

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND PHASE 4 PLANS. LIMIT SPEED TO 20MPH REDUCED VISION.

**NOTES:**

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1350+70 AND STA. 1353+70.
2. SEE CS-425 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGNS/PROPOSED TEMPORARY SIGN
- SIGN MOUNTED PROPOSED TEMPORARY SIGN
- TYPE I I BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNEVENED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot;</td>
<td>SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>10&quot;</td>
<td>SOLID WHITE PAINT</td>
</tr>
<tr>
<td>10&quot;</td>
<td>DOTTED WHITE PAINT, 3' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot;</td>
<td>BROKEN WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>4&quot;</td>
<td>DOTTED WHITE PAINT, 10' LINE &amp; 30' GAP</td>
</tr>
<tr>
<td>12&quot;</td>
<td>SOLID WHITE PAINT</td>
</tr>
<tr>
<td>16&quot;</td>
<td>SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot;</td>
<td>SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>4&quot;</td>
<td>SOLID BLACK PAINT</td>
</tr>
<tr>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:

- SEE CS-432 AND CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

MATCH LINE STA SB 1351 + 00 - SEE DWG CS-425

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

DEPARTMENT OF TRANSPORTATION

DELAWRE

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4
**CONSTRUCTION PHASING LEGEND**

<table>
<thead>
<tr>
<th>Item</th>
<th>Symbol</th>
<th>Temporary Pavement Markings Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Proposed construction this phase</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Existing sign/proposed temporary sign</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>SKID MOUNTED PROPOSED TEMORARY SIGN</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Type I l Barricade</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Plastic Drum</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Traffic flow arrow</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Temporary P.C.C. safety barrier, unpinned</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Temporary P.C.C. safety barrier, pinned</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>temporary impact attenuator</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Remove existing striping by contractor</td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>Portable changeable message sign</td>
<td></td>
</tr>
</tbody>
</table>

**TEMPORARY PAVEMENT MARKINGS LEGEND**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>4&quot; solid white paint</td>
</tr>
<tr>
<td>2.</td>
<td>4&quot; solid yellow paint</td>
</tr>
<tr>
<td>3.</td>
<td>10&quot; solid yellow paint</td>
</tr>
<tr>
<td>4.</td>
<td>10&quot; dotted white paint, P. line &amp; B. cap</td>
</tr>
<tr>
<td>5.</td>
<td>4&quot; broken white paint, 10&quot; line &amp; 30&quot; cap</td>
</tr>
<tr>
<td>6.</td>
<td>4&quot; dotted white paint, 3&quot; line &amp; 9&quot; cap</td>
</tr>
<tr>
<td>7.</td>
<td>12&quot; solid white paint</td>
</tr>
<tr>
<td>8.</td>
<td>18&quot; solid white paint</td>
</tr>
<tr>
<td>9.</td>
<td>4&quot; dotted white paint, 2&quot; line &amp; 6&quot; cap</td>
</tr>
<tr>
<td>10.</td>
<td>4&quot; dotted yellow paint, 2&quot; line &amp; 6&quot; cap</td>
</tr>
<tr>
<td>11.</td>
<td>White paint pavement symbol</td>
</tr>
</tbody>
</table>

**SEQUENCE OF CONSTRUCTION - PHASE 4**

1. **Reconstruct roadway.**
2. **Install temporary traffic control devices as shown on the permanent warning sign plan and stage 4 plans. Shift traffic to designated travel lanes.**

**NOTES:**

- See CS-426 for additional roadway construction details

**MATCH LINE LNE STA. 1387+50 - SEE DWG. CS-426**

**MATCH LINE LNE STA. SB 1387+50 - SEE DWG. CS-428**

**MATCH LINE LNE STA. 1435+50 - SEE DWG. CS-428**

**DELTA DEPARTMENT OF TRANSPORTATION**

**REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE**

**CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE 4**

**CS-426**

**CS-427**

**CS-428**
PROPOSED CONSTRUCTION THIS PHASE
EXISTING SIGN/PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TRAFFIC FLOW ARROW
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
1. " SOLID WHITE PAINT
2. " SOLID YELLOW PAINT
3. 10" SOLID WHITE PAINT
4. 10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
5. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
6. 4" DOTTED WHITE PAINT, 10' LINE & 30' GAP
7. 12" SOLID WHITE PAINT
8. 12" DOTTED WHITE PAINT, 3' LINE & 9' GAP
9. 12" BROKEN WHITE PAINT, 10' LINE & 30' GAP
10. 18" SOLID WHITE PAINT
11. 18" DOTTED WHITE PAINT, 3' LINE & 9' GAP
12. 18" BROKEN WHITE PAINT, 10' LINE & 30' GAP
13. 4" SOLID WHITE PAINT, 2' LINE & 6' GAP
14. 4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
15. 4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
16. WHITE PAINT PAVEMENT SYMBOL
17. 4" BROKEN WHITE PAINT, 10' LINE & 30' GAP

CONSTRUCTION PHASING LEGEND

MATCH LINE STA. 1435+50 - SEE DWG. CS-427
MATCH LINE STA. 1442+50 - SEE DWG. CS-429

SEQUENCE OF CONSTRUCTION - PHASE 4
1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLAN; START WORK AT DELIMITED PANEL LINES.

SCALE: FEET
0
30
60
90

PHASE 4
PHASE 4
PHASE 4

PERSONNEL, AND EROSION
WRA
WRA

NEW CASTLE
BRANDYWINE RIVER BRIDGE
FROM I-495 TO NORTH OF
REHABILITATION OF I-95
T201407404
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 4

SEQUENCE OF CONSTRUCTION - PHASE 4

PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLAN; START WORK AT DELIMITED PANEL LINES.
CONSTRUCTION PHASING LEGEND

EXISTING SIGN / PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

PROPOSED CONSTRUCTION THIS PHASE

EXISTING SIGN / PROPOSED TEMPORARY SIGN
SKID MOUNTED PROPOSED TEMPORARY SIGN
TYPE III BARRICADE
PLASTIC DRUM
TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
TEMPORARY P.C.C. SAFETY BARRIER, PINNED
TEMPORARY IMPACT ATTENUATOR
ARROW PANEL
REMOVE EXISTING STRIPING BY CONTRACTOR
PORTABLE CHANGEABLE MESSAGE SIGN

MATCH LINE STA. 1442+50 - SEE DWG. CS-428

MATCH LINE STA. 1449+50 - SEE DWG. CS-430

TEMPORARY PAVEMENT MARKINGS LEGEND

ITEM
4" SOLID WHITE PAINT
4" SOLID YELLOW PAINT
10" SOLID WHITE PAINT
10" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
12" SOLID WHITE PAINT
4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
WHITE PAINT PAVEMENT SYMBOL

Sequences of Construction - Phase 4

1. Post temporary traffic control devices as shown on the permanent warning sign plan and stage 4
   plans. Shift traffic to designated travel lanes.
2. Set up permanent pavement markings.
3. Tie into proposed temporary pavement markings.
4. Remove existing striping by contractor.

New Castle Bridge Rehabilitation
M.O.T., AND EROSION
WRA

Brandywine River Bridge
FROM I-495 TO NORTH OF
REHABILITATION OF I-95
T201407404
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 4

SECTIONS:

SEQUENCE OF CONSTRUCTION - PHASE 4

MOT.

1. Set up temporary traffic control devices as shown on the permanent warning sign plan and stage 4
   plans. Shift traffic to designated travel lanes.
2. Set up permanent pavement markings.
3. Tie into proposed temporary pavement markings.
4. Remove existing striping by contractor.

New Castle Bridge Rehabilitation
M.O.T., AND EROSION
WRA

Brandywine River Bridge
FROM I-495 TO NORTH OF
REHABILITATION OF I-95
T201407404
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 4

SECTIONS:

SEQUENCE OF CONSTRUCTION - PHASE 4

MOT.

1. Set up temporary traffic control devices as shown on the permanent warning sign plan and stage 4
   plans. Shift traffic to designated travel lanes.
2. Set up permanent pavement markings.
3. Tie into proposed temporary pavement markings.
4. Remove existing striping by contractor.

New Castle Bridge Rehabilitation
M.O.T., AND EROSION
WRA

Brandywine River Bridge
FROM I-495 TO NORTH OF
REHABILITATION OF I-95
T201407404
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 4

SECTIONS:

SEQUENCE OF CONSTRUCTION - PHASE 4

MOT.

1. Set up temporary traffic control devices as shown on the permanent warning sign plan and stage 4
   plans. Shift traffic to designated travel lanes.
2. Set up permanent pavement markings.
3. Tie into proposed temporary pavement markings.
4. Remove existing striping by contractor.
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Existing Sign/Proposed Temporary Sign**
- **Sidewalk Mounted Proposed Temporary Sign**
- **Type I/II Barricade**
- **Plastic Drum**
- **Temporary Traffic Control Devices***

**Temporary Pavement Markings Legend**

- **Symbol**
- **Text**
  - **4" Solid White Paint**
  - **4" Solid Yellow Paint**
  - **10" Solid White Paint**
  - **10" Dotted White Paint, 3' Line & 9' Gap**
  - **4" Broken White Paint, 10' Line & 30' Gap**
  - **4" Dotted White Paint, 3' Line & 9' Gap**
  - **12" Solid White Paint**
  - **18" Solid White Paint**
  - **4" Dotted White Paint, 2' Line & 6' Gap**
  - **4" Dotted Yellow Paint, 2' Line & 6' Gap**
  - **White Paint Pavement Symbol**

**Sequence of Construction - Phase 4**

1. **Reconstruct Existing**
2. **Install Temporary Traffic Control Devices as shown on the Permanent Marking Sign Plan and Stage 1 Plans,favicon:**

**Notes**

- No storage of equipment or material shall be allowed within the run-out length of the temporary safety barrier between STA. 1450+30 and STA. 1451+45.

**Construction Phasing, M.O.T., and Erosion Control Plan - Phase 4**

- **Sequence of Construction - Phase 4**
  1. Reconstruct Existing
  2. Install Temporary Traffic Control Devices as shown on the Permanent Marking Sign Plan and Stage 1 Plans, favicon:**

**Notes**

- No storage of equipment or material shall be allowed within the run-out length of the temporary safety barrier between STA. 1450+30 and STA. 1451+45.
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SAW MOUNTED PROPOSED TEMPORARY SIGN
- TYPE II BARICADE
- PLASTIC DRAIN
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; SOLID YELLOW PAINT</td>
<td>4&quot; SOLID YELLOW PAINT</td>
</tr>
<tr>
<td>10&quot; SOLID WHITE PAINT</td>
<td>10&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; BROKEN WHITE PAINT, 1' LINE &amp; 6' GAP</td>
<td>4&quot; BROKEN WHITE PAINT, 1' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 3' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>12&quot; SOLID WHITE PAINT</td>
<td>12&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>6&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
<td>6&quot; DOTTED WHITE PAINT, 3' LINE &amp; 9' GAP</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>4&quot; SOLID WHITE PAINT</td>
<td>4&quot; SOLID WHITE PAINT</td>
</tr>
<tr>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
<td>4&quot; DOTTED WHITE PAINT, 2' LINE &amp; 6' GAP</td>
</tr>
<tr>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
<td>WHITE PAINT PAVEMENT SYMBOL</td>
</tr>
</tbody>
</table>

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECLAIM RDWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 Phas. 1, 2, 3, TO DELIVERABLE STAGE LEVEL.
**Construction Phasing Legend**

- **Proposed Construction This Phase**
- **Temporary Sign**
- **Solid Mounted Proposed Temporary Sign**
- **Type III Barricade**
- **Plastic Drum**
- **Traffic Flow Arrow**
- **Temporary P.C.C. Safety Barrier, Unpinned**
- **Temporary P.C.C. Safety Barrier, Pinmed**
- **Temporary Impact Attenuator**
- **Remove Existing Stripping by Contractor**
- **Temporary Pavement Marking Arrow**
- **Portable Changeable Message Sign**

**Temporary Pavement Markings Legend**

- **Symbol**
- **Item**
- **4" Solid White Paint**
- **4" Solid Yellow Paint**
- **10" Solid White Paint**
- **10" Dotted White Paint, 2' Line & 6' Cap**
- **10" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted White Paint, 3' Line & 9' Cap**
- **4" Dotted White Paint, 2' Line & 6' Cap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **4" Broken White Paint, 2' Line & 6' Gap**
- **4" Dotted Yellow Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **12" Solid White Paint**
- **10" Dotted White Paint**
- **12" Solid White Paint**
- **18" Solid White Paint**
- **4" Dotted White Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 10' Line & 30' Gap**
- **4" Dotted Yellow Paint, 2' Line & 6' Gap**
- **4" Dotted Yellow Paint, 3' Line & 9' Gap**
- **4" Broken White Paint, 3' Line & 9' Gap**
- **4" Dotted Yellow Paint, 3' Line & 9' Gap**
- **4" Dotted White Paint, 2' Line & 6' Gap**
- **White Paint Pavement Symbol**

**Sequence of Construction - Phase 4**

- Install temporary traffic control devices as shown on the permanent marking sign plan and stage 4 plans. Shift traffic to designated travel lanes.

**Match Line Sta. 1477+50 - See Dwg. CS-434**

- **Sta. 1470+50 - See Dwg. CS-432**

**Rehabilitation of I-95 from I-495 to North of Brandywine River Bridge**

- **Control Plan - Phase 4**

** Delaware Department of Transportation**

- **Addendum / Revisions**
I-95 PHASE 4

STATION 1320+93 TO STATION 1324+77

I-95 PHASE 4

NB STATION 1324+77 TO NB STATION 1352+13
SB STATION 1324+77 TO SB STATION 2352+20

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARGINS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER (COAT), ETC.
2. REFER TO THE TYPICAL SECTIONS 13-01 THROUGH 13-15 FOR FINAL ROADWAY SECTIONS.
3. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADING.
4. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARGINS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER (COAT), ETC.
5. REFER TO THE TYPICAL SECTIONS 13-01 THROUGH 13-15 FOR FINAL ROADWAY SECTIONS.
6. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARGINS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER (COAT), ETC.
7. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARGINS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER (COAT), ETC.

LEGEND

1. Item 760001 - Bituminous Concrete, Superpave Type C, 160 Gyrations PG 70-22
2. Item 760002 - Pavement Milling, Bituminous Concrete Pavement, Taper Cut
3. Item 760003 - Pavement Milling, Bituminous Concrete Pavement
4. Item 760004 - Pavement Milling, Bituminous Concrete Pavement, Variable Depth

NB STATION 1324+77 TO NB STATION 1352+13
SB STATION 1324+77 TO SB STATION 2352+20

DETAILS:

- Remove Temporary Crossover Pavement
- Place SB Median Barrier
- Place NB Median Barrier
- Replace Temporary Crossover Pavement
- Replace Temporary Crossover Pavement
- Replace Temporary Crossover Pavement
- Replace Temporary Crossover Pavement

ITEM 760001 - Bituminous Concrete, Superpave Type C, 160 Gyrations PG 70-22
- Bituminous Concrete, Superpave Type C, 160 Gyrations PG 70-22 (Non-Carbonated Stone)
NOTE:
1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>PCMS/CMS SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB SR 273 (FRENCHTOWN ROAD), WEST OF SR 1</td>
<td>PCMS-1</td>
</tr>
<tr>
<td>NB SR 7 (STANTON CHRISTINA ROAD), SOUTH OF SR 4 (MITCH ROAD)</td>
<td>PCMS-2</td>
</tr>
<tr>
<td>NB I-95, SOUTH OF SR 273 (EXIT 3A)</td>
<td>PCMS-3</td>
</tr>
<tr>
<td>NB I-95, SOUTH OF SR 1 (EXIT 4B)</td>
<td>PCMS-4</td>
</tr>
<tr>
<td>NB I-95, SOUTH OF SR 141 (EXIT 5B)</td>
<td>PCMS-5</td>
</tr>
<tr>
<td>NB SR 141 (BASIN ROAD), SOUTH OF SR 4 (E MARKET STREET)</td>
<td>PCMS-6</td>
</tr>
<tr>
<td>NB I-95, SOUTH OF I-95/I-295 SPLIT</td>
<td>PCMS-7</td>
</tr>
<tr>
<td>NB I-495, SOUTH OF US 13 (N DUPONT PARKWAY)</td>
<td>PCMS-8</td>
</tr>
</tbody>
</table>

DEPARTMENT OF TRANSPORTATION

DELaware
DEPARTMENT OF TRANSPORTATION

PERMIT #
NVMS006

PERMIT #
NVMS008

ATMS PLAN
NB I-95 DIVERSIONS
PCMS/CMS LAYOUT

TOTAL SHTS.
DEPARTMENT OF TRANSPORTATION

CONTRACT
COUNTY

DESIGNED BY:
CHECKED BY:

NOTE:
1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.
NOTE:
1. TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE

SR 273 E
MESSAGE SET 1
95 NORTH MAJOR DELAYS
USE SR 273 E EXIT 3A
95 NORTH BYPASS TRAFFIC
MESSAGE SET 1
95 NORTH MAJOR DELAYS
FOLLOW SR 273 E TO US 13
95 NORTH BYPASS TRAFFIC
MESSAGE SET 1
95 NORTH DELAYS AHEAD
USE SR 7 N EXIT 4B
95 NORTH BYPASS TRAFFIC
MESSAGE SET 1
95 NORTH DELAYS AHEAD
USE SR 4 E
95 NORTH BYPASS TRAFFIC
MESSAGE SET 2
95 NORTH DELAYS AHEAD
USE SR 4 E
95 NORTH BYPASS TRAFFIC
MESSAGE SET 2
95 NORTH DELAYS AHEAD
USE SR 2 E
95 NORTH BYPASS TRAFFIC
MESSAGE SET 2
95 NORTH DELAYS AHEAD
USE SR 141 N EXIT 5B
95 NORTH BYPASS TRAFFIC
MESSAGE SET 2
95 NORTH DELAYS AHEAD
USE I-295 N
95 NORTH BYPASS TRAFFIC
MESSAGE SET 2
PCMS-1 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES SR 1 AND SR 7 N.
PCMS-1 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES SR 1 AND SR 7 N.
PCMS-2 WILL ACTIVATE WHEN PCMS-1 HAS BEEN ACTIVATED.
PCMS-2 WILL ACTIVATE WHEN PCMS-1 HAS BEEN ACTIVATED.
PCMS-3 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES I-295 AND SR 141 & US 13 REACH CAPACITY.
PCMS-3 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES I-295 AND SR 141 & US 13 REACH CAPACITY.
PCMS-4 (MESSAGE SET 1) WILL ACTIVATE PCMS-4 (MESSAGE SET 1) WILL ACTIVATE
PCMS-4 (MESSAGE SET 2) WILL ACTIVATE PCMS-4 (MESSAGE SET 2) WILL ACTIVATE
PCMS-5 (MESSAGE SET 1) WILL ACTIVATE PCMS-5 (MESSAGE SET 1) WILL ACTIVATE
PCMS-5 (MESSAGE SET 2) WILL ACTIVATE PCMS-5 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 1) WILL ACTIVATE PCMS-6 (MESSAGE SET 1) WILL ACTIVATE
PCMS-6 (MESSAGE SET 2) WILL ACTIVATE PCMS-6 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 3) WILL ACTIVATE PCMS-6 (MESSAGE SET 3) WILL ACTIVATE
PCMS-6 (MESSAGE SET 4) WILL ACTIVATE PCMS-6 (MESSAGE SET 4) WILL ACTIVATE
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-8 WILL ACTIVATE WHEN I-495 N REACHES CAPACITY IN WORK ZONE.
PCMS-8 WILL ACTIVATE WHEN I-495 N REACHES CAPACITY IN WORK ZONE.
PCMS-8 WILL ACTIVATE WHEN I-495 N REACHES CAPACITY IN WORK ZONE.
PCMS-8 WILL ACTIVATE WHEN I-495 N REACHES CAPACITY IN WORK ZONE.
CMS-5 (MESSAGE SET 1) WILL ACTIVATE CMS-5 (MESSAGE SET 1) WILL ACTIVATE
CMS-5 (MESSAGE SET 2) WILL ACTIVATE CMS-5 (MESSAGE SET 2) WILL ACTIVATE
CMS-5 (MESSAGE SET 3) WILL ACTIVATE CMS-5 (MESSAGE SET 3) WILL ACTIVATE
CMS-5 (MESSAGE SET 4) WILL ACTIVATE CMS-5 (MESSAGE SET 4) WILL ACTIVATE
PCMS-6 (MESSAGE SET 1) WILL ACTIVATE PCMS-6 (MESSAGE SET 1) WILL ACTIVATE
PCMS-6 (MESSAGE SET 2) WILL ACTIVATE PCMS-6 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 3) WILL ACTIVATE PCMS-6 (MESSAGE SET 3) WILL ACTIVATE
PCMS-6 (MESSAGE SET 4) WILL ACTIVATE PCMS-6 (MESSAGE SET 4) WILL ACTIVATE
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
CMS-8 (MESSAGE SET 1) WILL ACTIVATE CMS-8 (MESSAGE SET 1) WILL ACTIVATE
CMS-8 (MESSAGE SET 2) WILL ACTIVATE CMS-8 (MESSAGE SET 2) WILL ACTIVATE
CMS-8 (MESSAGE SET 3) WILL ACTIVATE CMS-8 (MESSAGE SET 3) WILL ACTIVATE
CMS-8 (MESSAGE SET 4) WILL ACTIVATE CMS-8 (MESSAGE SET 4) WILL ACTIVATE

PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008
PERMIT #NVMS008

SR 4 E REACHES CAPACITY.
SR 141 N REACHES CAPACITY.
PCMS-1 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES SR 1 AND SR 7 N.
PCMS-2 WILL ACTIVATE WHEN PCMS-1 HAS BEEN ACTIVATED.
PCMS-3 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES I-295 AND SR 141 & US 13 REACH CAPACITY.
PCMS-4 (MESSAGE SET 1) WILL ACTIVATE PCMS-4 (MESSAGE SET 1) WILL ACTIVATE
PCMS-4 (MESSAGE SET 2) WILL ACTIVATE PCMS-4 (MESSAGE SET 2) WILL ACTIVATE
PCMS-5 (MESSAGE SET 1) WILL ACTIVATE PCMS-5 (MESSAGE SET 1) WILL ACTIVATE
PCMS-5 (MESSAGE SET 2) WILL ACTIVATE PCMS-5 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 1) WILL ACTIVATE PCMS-6 (MESSAGE SET 1) WILL ACTIVATE
PCMS-6 (MESSAGE SET 2) WILL ACTIVATE PCMS-6 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 3) WILL ACTIVATE PCMS-6 (MESSAGE SET 3) WILL ACTIVATE
PCMS-6 (MESSAGE SET 4) WILL ACTIVATE PCMS-6 (MESSAGE SET 4) WILL ACTIVATE
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
CMS-8 (MESSAGE SET 1) WILL ACTIVATE CMS-8 (MESSAGE SET 1) WILL ACTIVATE
CMS-8 (MESSAGE SET 2) WILL ACTIVATE CMS-8 (MESSAGE SET 2) WILL ACTIVATE
CMS-8 (MESSAGE SET 3) WILL ACTIVATE CMS-8 (MESSAGE SET 3) WILL ACTIVATE
CMS-8 (MESSAGE SET 4) WILL ACTIVATE CMS-8 (MESSAGE SET 4) WILL ACTIVATE

PCMS-1 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES SR 1 AND SR 7 N.
PCMS-2 WILL ACTIVATE WHEN PCMS-1 HAS BEEN ACTIVATED.
PCMS-3 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES I-295 AND SR 141 & US 13 REACH CAPACITY.
PCMS-4 (MESSAGE SET 1) WILL ACTIVATE PCMS-4 (MESSAGE SET 1) WILL ACTIVATE
PCMS-4 (MESSAGE SET 2) WILL ACTIVATE PCMS-4 (MESSAGE SET 2) WILL ACTIVATE
PCMS-5 (MESSAGE SET 1) WILL ACTIVATE PCMS-5 (MESSAGE SET 1) WILL ACTIVATE
PCMS-5 (MESSAGE SET 2) WILL ACTIVATE PCMS-5 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 1) WILL ACTIVATE PCMS-6 (MESSAGE SET 1) WILL ACTIVATE
PCMS-6 (MESSAGE SET 2) WILL ACTIVATE PCMS-6 (MESSAGE SET 2) WILL ACTIVATE
PCMS-6 (MESSAGE SET 3) WILL ACTIVATE PCMS-6 (MESSAGE SET 3) WILL ACTIVATE
PCMS-6 (MESSAGE SET 4) WILL ACTIVATE PCMS-6 (MESSAGE SET 4) WILL ACTIVATE
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY.
CMS-8 (MESSAGE SET 1) WILL ACTIVATE CMS-8 (MESSAGE SET 1) WILL ACTIVATE
CMS-8 (MESSAGE SET 2) WILL ACTIVATE CMS-8 (MESSAGE SET 2) WILL ACTIVATE
CMS-8 (MESSAGE SET 3) WILL ACTIVATE CMS-8 (MESSAGE SET 3) WILL ACTIVATE
CMS-8 (MESSAGE SET 4) WILL ACTIVATE CMS-8 (MESSAGE SET 4) WILL ACTIVATE

FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE
NEW CASTLE

NOTE:
1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

PCMS/CMS SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS-1</td>
<td>SB I-95, SOUTH OF CHESTER AVENUE (EXIT 11)</td>
</tr>
<tr>
<td>CMS-2</td>
<td>SB I-95, NORTH OF SR 3 WILMINGTON ROAD, EXIT 12</td>
</tr>
<tr>
<td>CMS-3</td>
<td>SB I-95, NORTH OF US 202 (CONCORD PIKE), EXIT 8</td>
</tr>
<tr>
<td>CMS-4</td>
<td>SB I-495, NORTH OF US 13 (GOV PRINTZ BOULEVARD), EXIT 4A</td>
</tr>
<tr>
<td>CMS-5</td>
<td>SB I-95, SOUTH OF E 12TH STREET, EXIT 10</td>
</tr>
</tbody>
</table>

DEPARTMENT OF TRANSPORTATION

COUNTY

PERMIT NO.

ADDENDUM / REVISIONS

SHEET NO.

N :

0x0

BRANDWINE RIVER BRIDGE
FROM I-495 TO NORTH OF REHABILITATION OF I-95

SB I-95 DIVERSIONS
PCMS/CMS LAYOUT

3-288

NOTE:
1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

PCMS/CMS SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS-1</td>
<td>SB I-95, SOUTH OF CHESTER AVENUE (EXIT 11)</td>
</tr>
<tr>
<td>CMS-2</td>
<td>SB I-95, NORTH OF SR 3 WILMINGTON ROAD, EXIT 12</td>
</tr>
<tr>
<td>CMS-3</td>
<td>SB I-95, NORTH OF US 202 (CONCORD PIKE), EXIT 8</td>
</tr>
<tr>
<td>CMS-4</td>
<td>SB I-495, NORTH OF US 13 (GOV PRINTZ BOULEVARD), EXIT 4A</td>
</tr>
<tr>
<td>CMS-5</td>
<td>SB I-95, SOUTH OF E 12TH STREET, EXIT 10</td>
</tr>
</tbody>
</table>

DEPARTMENT OF TRANSPORTATION

COUNTY

PERMIT NO.

ADDENDUM / REVISIONS

SHEET NO.

N :

0x0

BRANDWINE RIVER BRIDGE
FROM I-495 TO NORTH OF REHABILITATION OF I-95

SB I-95 DIVERSIONS
PCMS/CMS LAYOUT

3-288

NOTE:
1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

PCMS/CMS SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS-1</td>
<td>SB I-95, SOUTH OF CHESTER AVENUE (EXIT 11)</td>
</tr>
<tr>
<td>CMS-2</td>
<td>SB I-95, NORTH OF SR 3 WILMINGTON ROAD, EXIT 12</td>
</tr>
<tr>
<td>CMS-3</td>
<td>SB I-95, NORTH OF US 202 (CONCORD PIKE), EXIT 8</td>
</tr>
<tr>
<td>CMS-4</td>
<td>SB I-495, NORTH OF US 13 (GOV PRINTZ BOULEVARD), EXIT 4A</td>
</tr>
<tr>
<td>CMS-5</td>
<td>SB I-95, SOUTH OF E 12TH STREET, EXIT 10</td>
</tr>
</tbody>
</table>
NOTE:

1. DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.
NEW CASTLE

NOT TO SCALE

T201407404

B.M.W. (WRA)

M.J.B. (WRA)

TOTAL SHTS.

DEPARTMENT OF TRANSPORTATION

DELAWARE

CONTRACT

COUNTY

DESIGNED BY:

CHECKED BY:

PERMIT NO.

ADDENDUM / REVISIONS

SHEET NO.

N :

BRANDWINE RIVER BRIDGE

FROM I-495 TO NORTH OF

REHABILITATION OF I-95

3-420

NOTE:

TO BE DETERMINED IN SUBSEQUENT SUBMISSION.

AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS

DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE

CS-605

3-290

ALTERNATE ROUTE

TO WILMINGTON

STATIC SIGNING LAYOUT

SIGN SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SB US 202 INCONCISE RAIL NORTH OF I-95</td>
</tr>
<tr>
<td>2</td>
<td>WB SR 92 CHAMANS ROAD EAST OF SR 222</td>
</tr>
<tr>
<td>3</td>
<td>WB SR 92 CHAMANS ROAD WEST OF 469S</td>
</tr>
<tr>
<td>4</td>
<td>WB SR 92 WILMINS ROAD SOUTH OF CS 12</td>
</tr>
<tr>
<td>5</td>
<td>WB SR 92 WILMINS ROAD SOUTH OF CS 13</td>
</tr>
<tr>
<td>6</td>
<td>NB US 15 SOUTHERN HYWAY SOUTH OF 15 71</td>
</tr>
<tr>
<td>7</td>
<td>EB SR 273 PICTON GROVE ROAD EAST OF CS 10</td>
</tr>
<tr>
<td>8</td>
<td>NB WILMINS ROAD EAST US 29</td>
</tr>
<tr>
<td>9</td>
<td>WB SR 92 WILMINS ROAD SOUTH OF SR 15 71</td>
</tr>
<tr>
<td>10</td>
<td>EB US 40 WILMINS ROAD WEST OF SR 7</td>
</tr>
<tr>
<td>11</td>
<td>NB SR 273 PICTON GROVE ROAD EAST OF 13</td>
</tr>
<tr>
<td>12</td>
<td>EB SR 4 TOLLESON STANTON ROAD WEST OF SR 7</td>
</tr>
</tbody>
</table>

DELTA

DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

REHABILITATION OF I-95

FROM I-495 TO NORTH OF

BRANDWINE RIVER BRIDGE

ALTERNATE ROUTE

TO WILMINGTON

STATIC SIGNING LAYOUT