REVISION: MAY 10, 2017
APPROVED: AUGUST 24, 2016

REVIEWING MAY 10, 2017
APPROVED: AUGUST 24, 2016

FIG. 5-397.139A

BILL OF REINFORCEMENT FOR BARRIER

<table>
<thead>
<tr>
<th>BAR</th>
<th>NO.</th>
<th>LENGTH</th>
<th>UNIT</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>R501E</td>
<td>5'-7&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
<td></td>
</tr>
<tr>
<td>R502E</td>
<td>5'-9&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
<td></td>
</tr>
<tr>
<td>R503E</td>
<td>5'-7&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
<td></td>
</tr>
<tr>
<td>R504E</td>
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<td>FT.</td>
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<td></td>
</tr>
<tr>
<td>R506E</td>
<td>5'-9&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
<td></td>
</tr>
<tr>
<td>R507E</td>
<td>5'-7&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
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<tr>
<td>R508E</td>
<td>5'-9&quot;</td>
<td>FT.</td>
<td>BARRIER DECK</td>
<td></td>
</tr>
</tbody>
</table>

GENERAL NOTES

MEASURE PAYMENT LENGTH BETWEEN THE OUTSIDE EDGES OF THE BARRIER,
CONCRETE BARRIER: 460 LBS/FT, (0.123 CU.YDS./FT.)
FINISH ALL EDGES OF BARRIER WITH A CHIPPER, EXCEPT WHERE SHOWN.
SPACE CONTROL JOINTS AT 10 FT, SEE DETAIL FOR SUPERSTRUCTURE SHEET FOR SPECIFIC SPACING INFORMATION.
GUARDRAIL CONNECTION TO BE STRUCTURAL STEEL, SPEC. 3306.
GUARDRAIL CONNECTION AND NAME PLATE TO BE CONSIDERED INCIDENTAL TO BARRIER.
BARRIER QUANTITIES ARE LISTED IN SUMMARY OF QUANTITIES INCIDENTAL TO BARRIER.
BARRIER QUANTITIES ARE LISTED IN SUMMARY OF QUANTITIES INCIDENTAL TO BARRIER.
OTHERWISE NOTED.

VERIFY APPROACH BARRIER LENGTH, NEED FOR A GUARDRAIL CONNECTION,
CRACK AND JOINT MATERIALS: RIGID CRACK AND JOINT MATERIALS: SILICONE JOINT SEALERS.
PLACE BAR ON TOP OF BOTTOM REINFORCEMENT MAT IN DECK.
SPACE CONTROL JOINTS AT 10 FT. MAXIMUM. REFER TO "WATERPROOF EXPANSION DEVICE" STANDARD PLANS FOR ADDED REMARKS REGARDING BARRIER.
EXPANSION JOINTS: EXPANSION JOINTS SHOWN ON APPROACH PANEL. 7'-10" WITH MINIMUM OF 12 ROSE AND ROSE BARS WITH ACCOMPANYING APPROPRIATE BARRIER VERTICAL BARS, 12" MAX SPACING.
VERIFY APPROACH BARRIER LENGTHS NEEDED FOR A GUARDRAIL CONNECTION, AND VERTICAL TAPER WITH ROADWAY ENGINEER. REFER TO MEMO TO DESIGNER DUE-OUI FOR ADDITIONAL REQUIREMENTS REGARDING BARRIER PLACEMENT.

SECTION B-B

END VIEW

SECTION C-C

CONTROL JOINT DETAILS

FOR SLIPFORM CONSTRUCTION IMMEDIATELY AFTER CONCRETE IS PLACED AND MOISTURE IN STILL MIST, CREATE ONE INCH STRAIGHT GROOVE USING A TOOL, DOES NOT DEPEND PLASTIC EXTENSION INTO GROOVE TO A DEPTH 1/8" BELOW THE SURFACE FINISH ON DECK COMPLETELY ALONG THE EXTRUSION.

APPROVED: AUGUST 24, 2016

CERTIFIED BY:

STATE BRIDGE ENGINEER

SHEET NO. OF SHEETS

LIC. NO.

PARAPET ARMATURE WITH GUARDRAIL CONNECTION FOR SLIPFORM CONSTRUCTION.

SB-90

CERTIFIED BY:

13 SPS. @ 6" = 6'-6"

LINE A

SECTION C-C

4"

5'-8"

(WITHOUT CONCRETE WEARING COURSE)

APPROVED: AUGUST 24, 2016

ESTIMATED WEIGHT = 34 LBS.

GALVANIZE AFTER FABRICATION PER SPEC. 3394

CAST-IN-PLACE CONSTRUCTION

REVISION: MAY 10, 2017


FOR SLIPFORM CONSTRUCTION IMMEDIATELY AFTER CONCRETE IS PLACED AND MOISTURE IN STILL MIST, CREATE ONE INCH STRAIGHT GROOVE USING A TOOL, DOES NOT DEPEND PLASTIC EXTENSION INTO GROOVE TO A DEPTH 1/8" BELOW THE SURFACE FINISH ON DECK COMPLETELY ALONG THE EXTRUSION.

APPROVED: AUGUST 24, 2016

CERTIFIED BY:

STATE BRIDGE ENGINEER

SHEET NO. OF SHEETS

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PARAPET ARMATURE WITH GUARDRAIL CONNECTION FOR SLIPFORM CONSTRUCTION.