PLAN

SECTION A-A
(TYPICAL 2-LANE WITH SHOULDERS)

GENERAL NOTES
See Standard 421001 for details of pavement reinforcement.
See Standards 420001 and 420401 for joint details not shown.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE
REVISIONS
1-1-18 Changed tie bar spacing
No 8 (200) cts.
1-1-08 Switched units to
English (metric). Revised
Lug Sys. Table.

24' (7.2 m)
CRC PAVEMENT
(WITH LUG SYSTEM)

STANDARD 421201-07
Bend in field to fit.

Pavement reinforcement

a bars at 6½ (165) cts. Bend top portion in field as shown.

44 c bars at 6½ (165) cts. (HMA required)

2 144 c bars at 6

8 (200) Concrete pad

24' (7.2 m)

Improved subgrade

10 mil (0.25) Polyethylene bond breaker

100 (500) New construction only

36 (900) Improved subgrade

75 (200) Concrete pad

6-b bars

Concrete pad

(165) cts.

(40)

(12)

(10)

(1)

(1.2 m)

(6.07 m)

(23'-6"

(7.2 m)

(1.9 m)

(6'-5"

(1.9 m)

(20"

(0.5 m)

8 (200)

12 (300)

4 (100)

Stabilized subbase

Reinforcing Bars, lbs. (kgs)

Concrete Pad, cu. yds. (m³)

Improved Subgrade, sq. yds. (m²)

Concrete, cu. yds. (m³)

Reinforcing Bars, lbs. (kgs)

Concrete Pad, sq. yds. (m²)

Improved Subgrade, sq. yds. (m²)

MATERIALS REQUIRED FOR 1) CRC PAVEMENT SYSTEM (Excluding Pavement Concrete and Pavement Reinforcement)

<table>
<thead>
<tr>
<th>Bar</th>
<th>Qty</th>
<th>Size</th>
<th>Length</th>
<th>Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>132</td>
<td>No. 8 (No. 25)</td>
<td>18' 0&quot; (5.49 m)</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>18</td>
<td>No. 5 (No. 16)</td>
<td>24' 9&quot; (7.52 m)</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>132</td>
<td>No. 5 (No. 16)</td>
<td>24' 9&quot; (7.52 m)</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>28</td>
<td>No. 4 (No. 13)</td>
<td>16' 0&quot; (4.88 m)</td>
<td></td>
</tr>
</tbody>
</table>

Concrete, cu. yds. (m³): 64.0 (48.9)

Reinforcing Bars, lbs. (kgs): 8372 (3800)

Concrete Pad, sq. yds. (m²): 144 (128)

Improved Subgrade, sq. yds. (m²): 162 (135)