CONTROL PLAN

CONSTRUCTION CROSSOVER

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BUFFER SPACE

TEMPORARY CROSSOVER

FOR ISSUE DATE: OCTOBER 1, 1998

STATION NO. AS SHOWN ON PLANS

LONG. L (m)

WORK DAY ONLY

TYPE "B" WARNING LIGHTS

FLASHING ARROW PANEL

THE LEGEND ON W13-1 (XX MPH) SUPPLEMENTAL

TYPE "C"

REFLECTORIZED FREE-STANDING PLASTIC DRUMS

TYPE "B" WARNING LIGHTS

GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA

LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

<table>
<thead>
<tr>
<th>POSTED SPEED</th>
<th>DESIGN SPEED</th>
<th>MAXIMUM DEVICE SPACING</th>
<th>MINIMUM LONGITUDINAL BUFFER SPACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>mph</td>
<td>km/h</td>
<td>L (m)</td>
<td>L (m)</td>
</tr>
<tr>
<td>40</td>
<td>64</td>
<td>11</td>
<td>22</td>
</tr>
<tr>
<td>50</td>
<td>80</td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td>60</td>
<td>96</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td>70</td>
<td>112</td>
<td>17</td>
<td>34</td>
</tr>
</tbody>
</table>

NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:

L = WS^2/155 FOR SPEEDS OF 60 km/h OR LESS

L = 0.6WS FOR SPEEDS OF 70 km/h OR GREATER

WHERE:

W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN METERS

S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN KILOMETERS PER HOUR

2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE

AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL

SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR,

IF THE SHOULDER IS TOO NARROW BEHIND THE CHANNELIZING

DEVICES IN THE CLOSED LANE.

3. ALL CHANNELIZING DEVICES SHALL BE REFLECTORIZED

FREE STANDING PLASTIC DRUMS.

4. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET

WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS

WORK IS TO BE INCLUDED IN THE ROCK BED FOR MAINTENANCE

OF TRAFFIC.

5. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE

MINIMUM OF 1200 X 1200.

6. LOCATION OF CROSSOVERS WILL BE AS SHOWN ON THE

PLANS OR AS DIRECTED BY THE ENGINEER.

7. USE OF CROSSOVER SHALL BE LIMITED TO TRUCKS

APPROACHING FROM ONE DIRECTION ONLY.

8. REVERSE LAYOUT OF TAPERS, DRUMS AND SIGNS TO

ACCOMMODATE TRUCKS APPROACHING FROM OPPOSITE

DIRECTION.

9. EACH CONSTRUCTION CROSSOVER SHALL BE CLOSED AS

DIRECTED BY THE ENGINEER OR WHEN THE CONSTRUCTION

OPERATION, ZONE OR SIGNS ENCROACH ON OR INTERFERES

WITH THE OPERATION OF THE CONSTRUCTION CROSSOVER.

THE CROSSOVER SHALL BE CLOSED USING 7.2 m OF TYPE III

HARNESS-FOSSIL FRAMES.

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC CONTROL PLAN
FOR TEMPORARY
CONSTRUCTION CROSSOVER
(WORK DAY ONLY)

STATE PROJECT NO.

ISSUE DATE: OCTOBER 1, 1998
SHEET NUMBER 162