MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
VARIOUS COUNTIES

INDEX OF SHEETS
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LEGEND
ROUTES INCLUDED IN CONTRACT SHOWN IN BOLD

JOB ORDER CONTRACTING
PAVEMENT REPAIR
### Sign Spacing, Device Spacing and Channelizing Taper Lengths

<table>
<thead>
<tr>
<th>TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES</th>
<th>MINIMUM TAPER LENGTHS (L)</th>
<th>MAXIMUM CHANNELIZER SPACING (L')</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPEED MPH</td>
<td>FOR LANE WIDTH (W)</td>
<td>THROUGH TAPER</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>10 FT</td>
<td>11 FT</td>
<td>12 FT</td>
</tr>
<tr>
<td>0-35</td>
<td>205</td>
<td>225</td>
</tr>
<tr>
<td>40-45</td>
<td>425</td>
<td>455</td>
</tr>
<tr>
<td>50-55</td>
<td>535</td>
<td>605</td>
</tr>
<tr>
<td>60-70</td>
<td>700</td>
<td>770</td>
</tr>
</tbody>
</table>

#### Longitudinal Buffer Space (B)

<table>
<thead>
<tr>
<th>SPEED MPH</th>
<th>BUFFER SPACE (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-35</td>
<td>200</td>
</tr>
<tr>
<td>40-45</td>
<td>400</td>
</tr>
<tr>
<td>50-55</td>
<td>500</td>
</tr>
<tr>
<td>60-70</td>
<td>840</td>
</tr>
</tbody>
</table>

### Sign Spacing (S) for Advance Sign Series (1) (2)

<table>
<thead>
<tr>
<th>SPEED MPH</th>
<th>UNDIVIDED HIGHWAYS (FT)</th>
<th>DIVIDED HIGHWAYS (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-35</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>40-45</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>50-55</td>
<td>500</td>
<td>1000</td>
</tr>
<tr>
<td>60-70</td>
<td>1000</td>
<td>8A-1000</td>
</tr>
<tr>
<td>S</td>
<td>9B-1500</td>
<td>9C-2640</td>
</tr>
</tbody>
</table>

### Notes:
- Dimensions in feet unless otherwise noted.
- Spacing between signs and spacing between last sign and flagger, beginning of taper, or signed condition.
- Spacings may be adjusted as necessary to meet field conditions.

### Traffic Control Devices

**General Notes:**
1. See standard plan $18.10 for details and items not shown.
2. Existing signs shall be covered during working hours only or in conflict with traffic control plans.
3. No direct payment will be made for relocating, covering, uncovering, or removing signs.
4. Cones allowable for daytime operations only.

**Traffic Control Legend:**
- △ Sign (single sided)
- □ Sign (double sided)
- □ Flagger
- ▶ Directional indicator barricade
- ▪ Channelizer
- □ Barricade
- ■ Changeable message board
- ▪ Track mounted attenuator
- ▪ Flashing arrow
RIGHT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

RIGHT SHOULDER WORK - MULTI-LANE FREeways WITH MEDIAN BARRIER

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
(1) CHANNELIZER SPACING AT 50'.
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER
SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION
IS NOT CONFUSING TO MOTORIST ON THE RAMP.

ENTRANCE RAMP AREA
MAINLINE WORK

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE
ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.

(3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER
SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION
IS NOT CONFUSING TO MOTORIST ON THE RAMP.

(4) CHANNELIZER SPACING AT 30'.

ENTRANCE RAMP AREA
ACCELERATION LANE WORK
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
DOUBLE LANE CLOSURE

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

INTERIOR LANE CLOSURE

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.