Charleston & Fabian NE Intersection
Work Performed: Concrete & Signal Installation
Limit of Work: As Shown in Green
Working Days: Mon - Fri
Streets Speed Limit: 25 MPH

Recommended Advance Warning Sign Spacing

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Distance Between Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban - 35 mph</td>
<td>100 ft</td>
</tr>
<tr>
<td>Urban - more than 35 mph to 40 mph</td>
<td>100 ft</td>
</tr>
<tr>
<td>Rural - more than 65 mph</td>
<td>100 ft</td>
</tr>
</tbody>
</table>

**Legend**
- **Cone**
- **Work Area**

**Use Delineators in between opposing traffic**
- Allow min 11 ft if not more

**Recommended Advance Warning Sign Spacing**
- Date: 6/21/2021
- Author: Brett Hickman
- Project: Palo Alto Charleston - Arastradero Phase 3 Project
- Comments: Plan Sheet 17

2. Flashing beacon(s) will be placed at the location(s) indicated for lane closures during the hours of darkness.

3. All workers shall be equipped with a reflective vest. All flaggers shall also be equipped with a "Stop/Slow" paddle and shall be trained in the proper fundamentals of flagging traffic.

4. Any conflicting signs shall be covered for the length of the job.

5. Access to residents and businesses shall be maintained at all times unless noted.

6. A safe pedestrian route will be maintained at all times.

7. Lane width will be maintained at 11 feet minimum unless noted otherwise.

8. Traffic control personal will accommodate emergency vehicles at all times.

9. "Uneven Pavement Surface" signs to be installed at all lateral milled transitions.

10. Engineer has authority to institute changes to ensure safety.

Charleston & Fabian NW Intersection
Work Performed: Concrete & Signal Installation Limit of Work: As Shown in Green Working Hours: 9:00 AM to 4:00 PM Working Days: Mon - Fri Streets Speed Limit: 25 MPH

Date: 8/11/2021 Author: Brett Hickman Project: Palo Alto Charleston - Arastradero Phase 3
9/24/21: Two lane closure will remain. Remove detour plan. Add 3 way arrow sign at the front of the closure (at the intersection). Sign to be in orange/black.

Car: you split the closure and allow for right turn? Volume is too high for left turn only movement.

DETOUR PLAN REMOVED

Charleston & Fabian Lane Closure at Intersection
Work Performed: Signal Installation
Limit of Work: As Shown in Green
Working Days: Mon - Fri
Streets Speed Limit: 25 MPH
Charleston & Fabian Lane Closure at Intersection
Work Performed: Signal Installation
Limit of Work: As Shown in Green
Working Hours: 9:00 AM to 4:00 PM
Working Days: Mon - Fri
Streets Speed Limit: 25 MPH

Recommended Advance Warning Sign Spacing

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Distance Between Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban - 25 mph or less</td>
<td>100 ft</td>
</tr>
<tr>
<td>Urban - more than 25 mph</td>
<td>166 ft</td>
</tr>
</tbody>
</table>

Date: 8/31/2021
Author: Brett Hickman
Project: Palo Alto Charleston - Arastradero Phase 3 Project
Comments: Plan Sheet 20

2. Flashing beacon(s) will be placed at the location(s) indicated for lane closures during the hours of darkness.

3. All workers shall be equipped with a reflective vest.

4. All flaggers shall also be equipped with a C28 "Stop/Slow" paddle and shall be trained in the proper fundamentals of flagging traffic.

5. Any conflicting signs shall be covered for the length of the job.

6. Access to residents and businesses shall be maintained at all times unless noted.

7. A safe pedestrian route will be maintained at all times.

8. Lane width will be maintained at 11 foot minimum unless noted otherwise.

9. "Uneven Pavement Surface" signs to be installed at all lateral milled transitions.

10. Engineer has authority to institute changes to ensure safety.
Charleston & Fabian SE Intersection
Work Performed: Concrete & Signal Installation
Limit of Work: As Shown in Green
Working Hours: 9:00 AM to 4:00 PM
Working Days: Mon - Fri
Streets Speed Limit: 25 MPH
Charleston & Fabian East Intersection
Work Performed: Signal Installation
Limit of Work: As Shown in Green
Working Hours: 9:00 AM to 4:00 PM
Working Days: Mon - Fri
Streets Speed Limit: 25 MPH

Recommended Advance Warning Sign Spacing

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Distance Between Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban - 20 mph or less</td>
<td>100 ft</td>
</tr>
<tr>
<td>Urban - more than 30 mph to 45 mph*</td>
<td>200 ft</td>
</tr>
<tr>
<td>Urban - more than 45 mph*</td>
<td>300 ft</td>
</tr>
</tbody>
</table>

*Density/Flow

Date: 8/31/2021 Author: Brett Hickman Project: Palo Alto Charleston - Arastradero Phase 3 Project Comments

Legend

- Arrowboard (Single)
- Cone
- Work Area

Minimum Taper Length and Maximum Channelier Device Spacing

<table>
<thead>
<tr>
<th>Speed Limits</th>
<th>Spacing Spacing FT</th>
<th>Taper 12ft FT</th>
<th>Taper 13ft FT</th>
<th>Maximum Channelier Spacing FT</th>
<th>Maximum Channelier Spacing Tapers</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>40</td>
<td>40</td>
<td>22</td>
<td>153</td>
<td>30</td>
</tr>
<tr>
<td>35</td>
<td>60</td>
<td>60</td>
<td>22</td>
<td>200</td>
<td>30</td>
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<td>80</td>
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<td>45</td>
<td>80</td>
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<td>22</td>
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<td>160</td>
<td>160</td>
<td>22</td>
<td>250</td>
<td>30</td>
</tr>
</tbody>
</table>

*Note: All traffic control devices shall be in accordance with the California Manual of Uniform Traffic Control Devices for the State of California (MUTCD) and the Standard Specifications for Public Work. All traffic control signs shall be placed in accordance with the Signs Stopping Traffic section of the MUTCD.

For intermediate stopping signs, the first sign in the series shall normally be placed at a distance of 1/8 mile to 1/4 mile from the intersection.

Recommended Advance Warning Signs

- Three-Ply Diamond Grade
- “Work Ahead” signs
- “WittmanHorn” signs

Engineer has authority to add/remove signs to ensure safety