

S. 6th Street Traffic Calming Retrofit Draft Improvements

W. CANAL ST.

This concept sketch and text show and describe the proposed improvements that DPW is considering implementing on this stretch of S. 6th Street in Spring 2024.

Lane Merge: South of Canal Street, S. 6th Street would be reduced to one lane in each direction on the approach to the bridge.

- Treatments at the southbound lane merge will include:
- Painted Arrows ahead of the merge
 - Double-white edge lines painted on the street surface
 - Space for the bike lane to continue behind the lane merge
 - A continuous run of approximately 15 concrete jersey barriers to encourage compliance with the lane reduction. The jersey barriers will include reflective markings and/or signage to make them visible to drivers.



Reduced Travel Lanes: Over the bridge, providing one lane in each direction is intended to discourage reckless driving behavior.

- Treatments in this segment include:
- Double-white edge lines painted on the street surface
 - Alternating stretches of concrete jersey barriers with plastic flexposts
 - A Protected Bike Lane along the edge of the sidewalk, behind the jersey barriers and flexposts



Hardening the Southbound Approach: There are a number of infrastructure-related factors that increase the chances that a driver leaves the roadway in this location. Those factors include the lengthy stretch without intersections between W. Canal Street and the roundabout, the curve to the left being introduced immediately after the crest of the “hill”, and the straight sight lines from the crest of the hill to the traffic signals at S. 6th Street and W. Virginia Street.

- Proposed treatments to address these challenges include:
- Continuous concrete jersey barriers between the end of the bridge and just before the roundabout
 - Additional signage, including a flashing Roundabout Advisory Sign in the terrace and yellow and black reflective chevron signage on the jersey barriers
 - Trees in the grassy area west of the roundabout to reduce the sight lines to the traffic signals at 6th and Virginia.

Reducing Confusion in the Roundabout: Although addressing many of the challenges within the roundabout will require an extensive reconstruction project, DPW is proposing some short term treatments intended to reduce driver confusion in this area.

- These treatments include:
- Restriping the roundabout to be one lane at all points, reducing the likelihood of side-swipe incidents
 - Relocating existing jersey barriers near the Iron Horse Hotel to better protect the areas adjacent to the roundabout
 - Adding additional concrete jersey barriers at the northbound entrance to the roundabout

W. VIRGINIA ST.

W. FLORIDA ST.
S. ALEXANDER ST.