



A Tradition of Stewardship  
A Commitment to Service

Agenda Date: 2/27/2018

Agenda Placement: 6T

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

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**TO:** Board of Supervisors

**FROM:** Steven Lederer - Director of Public Works  
Public Works

**REPORT BY:** Graham Wadsworth, Engineering Supervisor - 259-8331

**SUBJECT:** Approve Striping and Lane Geometry Changes to the Intersection of Devlin Road and Soscol Ferry Road

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### **RECOMMENDATION**

Director of Public Works requests adoption of a resolution approving conceptual plans to alter lane geometries and striping at the intersection of Soscol Ferry Road and Devlin Road to improve safety and traffic flow.

### **EXECUTIVE SUMMARY**

Based on consultation with Roads Division staff and feedback from citizens, Public Works staff propose modifications to the intersection of Soscol Ferry Road and Devlin Road. The proposed improvements include the installation of a dedicated westbound left turn lane from Soscol Ferry Road to southbound Devlin Road, eastbound right turn pocket from Soscol Ferry Road to southbound Devlin Road, and separate northbound left and right lanes on the northbound Devlin Road approach to Soscol Ferry Road (see Attachment 1). These improvements will seek to organize the intersection to provide safer, more efficient traffic movements. The recommended improvements are expected to be relatively quick and simple to implement by Roads staff.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Roads Operations Budget 2040000
Is it Mandatory or Discretionary?	Discretionary

Discretionary Justification:	The recommended action will require a minimal amount of restriping and new pavement. These actions are routine and are included within the current budget. The proposed changes will increase roadway efficiency and safety with minor fiscal impact.
Is the general fund affected?	No
Future fiscal impact:	The pavement striping will need to be restriped every 3 to 5 years.
Consequences if not approved:	Lane configurations will remain as is; queueing and driver aggression/collisions will potentially increase as congestion increases with traffic growth in the Napa Valley Business Park and on Highways 29, 12 and 221.
Additional Information:	

### **ENVIRONMENTAL IMPACT**

ENVIRONMENTAL DETERMINATION: It has been determined that this type of project does not have a significant effect on the environment and is exempt from the California Environmental Quality Act. [See Class 1 ("Existing Facilities") which may be found in the guidelines for the implementation of the California Environmental Quality Act at 14 CCR §15301; see also Napa County's Local Procedures for Implementing the California Environmental Quality Act, Appendix B.]

### **BACKGROUND AND DISCUSSION**

The Department of Public Works proposes modifications to the intersection of Soscol Ferry Road and Devlin Road. Congestion on the westbound approach to the intersection regularly backs up to the intersection of Soscol Ferry Road and Highway 29 during commute times. Additionally, the Public Works Department staff received concerns from the property owner immediately adjacent to the intersection at 1020 Soscol Ferry Road regarding vehicle speeds, sight distance issues, disorganization at the intersection, and general safety concerns.

Many vehicles use Devlin Road as a cut through route to avoid congestion on Highway 29 during the afternoon peak commute period. This cut through traffic movement adds a substantial amount of traffic volume to the westbound left movement from Soscol Ferry Road to southbound Devlin Road. This results in some westbound through vehicles driving unsafely in the shoulder to get around the queue to turn left onto southbound Devlin Road. The proposed improvements at Soscol Ferry Road and Devlin Road will organize the intersection to provide safer, more efficient movements.

Changes include:

- | Provide a dedicated westbound Soscol Ferry Road left turn pocket to southbound Devlin Road
- | Provide a dedicated eastbound Soscol Ferry Road right turn pocket to southbound Devlin Road
- | Separate the one northbound Devlin Road traffic lane into left and right lanes to Soscol Ferry Road.

By providing a westbound left turn pocket, it will eliminate the need to drive in the gravel shoulder to travel through the intersection, while also making it easier and safer for vehicles to pull out from the private

driveway at 1020 Soscol Derry Road. Several other improvements to the intersection were analyzed, such as signalization, all-way-stop control, and speed feedback signs. These were ultimately rejected as either inappropriate or infeasible at this time. The recommended improvements only involve restriping and should be relatively quick and simple to implement. There is only a small amount of additional pavement widening needed to accommodate the eastbound Soscol Ferry Road right turn lane, which the Public Works Superintendent has advised is on hand and can be accommodated quickly. Interruptions to traffic are expected to be minimal. In the long term this intersection may be a good candidate for a roundabout ("traffic circle").

**SUPPORTING DOCUMENTS**

- A . Proposed Striping Plan
- B . Resolution

CEO Recommendation: Approve

Reviewed By: Bret Prebula