



City of Needles, California Request for City Council Action

CITY COUNCIL NPUA

Regular Special

Meeting Date: October 12, 2021

Title: Traffic Study Proposal to Minimize Vehicle Traffic delays at the Intersection of Needles Highway and North K Street Traffic Signal Light

Background: On September 14, 2021, City Council directed staff to conduct a traffic study to reduce the number of cars stopped and waiting at the signal light traveling on Needles Highway heading toward North K Street and connecting to the Colorado River bridge.

On our last pavement improvement on the North end of K Street at Needles Highway, the looping signal on the pavement was disrupted and needed to be reinstalled. When the looping system was reinstalled the controller box at the signal light was not reset. Last Thursday, September 30th, staff had the signal light controller box reset and the traffic is flowing properly on all directions, we will be observing this new set up for 30 days to see if any other adjustment needs to be made.

City Staff is proposing to remove the existing stripes, including the turn pockets from N Street to M Street and L Street to K Street on Needles Hwy. and restripe 2 blocks with 3 lanes of traffic. This change will facilitate a safe flow of vehicles creating a longer refuge lane for the motorists driving on Needles Highway to turn left on to North K Street, and for motorists driving on Needles Highway that want to turn left on N Street. See proposed exhibit drawing.

The restriping of 2 blocks will allow longer turn pockets to accommodate more vehicles turning.

Fiscal Impact: Cost of removing the existing striping, reseal, and restriping Needles Highway and installation of the signs will not exceed \$5,000.00 and the work will be completed by the Department of Public Works

Recommended Action: Provide direction to staff and accept engineer study and Remove Striping, Reseal, and Restripe 2 blocks of Needles Highway from N Street to M Street and L Street to K Street,

Submitted By: Patrick Martinez, Development Services Director
Alberto Paiva, City Engineer – Building Official

City Management Review: Rick **Date:** 10/6/21

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
Agenda Item: <u>14</u>			

Needles Hwy N Street - K Street EXHIBIT DRAWING

CURRENT



PROPOSED

