

# DEPARTMENT of PUBLIC WORKS

County of Lassen



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B-1  
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February 20, 2018

TO: Board of Supervisors  
FROM: Larry Millar, Director  
SUBJECT: Capezzoli Lane, County Road 306 Repair

**RECOMMENDATION:** That the Board of Supervisors 1) Receive report 2) Provide direction to staff.

**DISCUSSION:** Capezzoli Lane is located in the Standish/Litchfield area and is classified as a paved Local Rural Road. It consists of 4.256 miles extending from its intersection with Standish Buntingville Road, County Road 301 to its intersection with Mapes Road, County Road 305.

Capezzoli Lane was paved over 30 years ago, by the County Road crew. In the past several years this roadway, like several others in the County, has deteriorated to as point where maintenance treatments such as crack sealing and chip sealing is no longer feasible.

Funding to complete asphalt concrete patching (blade patching) has been added to the past two to three years Road Maintenance Budgets however due to declining budgets and other priorities (ie. flood damage repairs) we have been unable to complete any work on Capezzoli Lane.

In our current 2017/18 fiscal year budget we have budgeted \$102,000 to purchase materials for the paving of the approximate 1.25 mile section of road from the Standish Buntingville Road intersection to the Lambert Lane intersection. This consists of purchasing the hot mix asphalt and shoulder backing material from a commercial plant and completing the paving and other work with County forces.

Due to the current condition of this roadway, the existing surfacing needs to be repaired or patched prior to the placing of an asphalt concrete overlay. It is estimated that the patching of this section of roadway would be approximately \$20,000, or approximately \$75,000 for the entire roadway. As an alternate the existing asphalt surface for this section could be milled/grinded and replaced as compacted base for approximately \$8,500, or approximately \$35,000 for the entire roadway.

Due to the poor condition of the entire roadway and the lack of funding to repair/replace the entire 4.256 miles within the current fiscal year, an alternative would be to mill/grind the entire roadway and place as compacted base and complete the placement of hot mix asphalt on the 1.25 mile section of roadway as budgeted. There would be sufficient funding in the current fiscal year budget to complete this work. This would be a combination of contract work and County forces. This would complete the first phase of the rehabilitation for the remainder of the roadway and provide a better roadway surface than what now exists. Funding could then be added to next year's Road Budget to complete the additional paving. This option would cost approximately \$137,000 from the current 2017/18 fiscal year Road Operating Budget and would require an additional approximate \$300,000 to purchase the materials to complete the paving of the remaining three miles with County forces. If the entire \$300,000 could not be obtained next fiscal year it would be recommended that this work be split between the next two fiscal years.

Other options considered were to contract out the rehabilitation and paving of the entire road at an estimated cost of \$745,000. This would require the ability to find funding outside the Road Operating Funds.

Another option would be to mill/grind and place as compacted base the entire roadway and then complete a double chip seal with County forces. It is estimated that this would cost approximately \$225,000 or approximately 51% of the cost of the hot mix asphalt overlay. The expected life of the double chip seal would be approximately 3 -5 years while the expected life of the asphalt overlay would be 15 plus years.

The department recommends to complete the milling/grinding and reconstruction of the base on the entire length of Capezzoli Lane this spring along with the placing of a hot mix asphalt overlay on the section of Capezzoli Lane from Standish Buntingville Road to Lambert Lane. Funding for the completion of the paving on the remaining portion of Capezzoli Lane would be budgeted in next year's Road Operating Budget to be completed in late summer 2018 or the spring of 2019. If budget is not available for completing the entire road next fiscal year the project would be split over the next two fiscal years.

ALTERNATIVES: As discussed above

FINANCIAL IMPACT: Estimated expenditure of \$137,000 from the current FY 2017/18 Road Operating Budget 122-1221 and proposed expenditure of \$300,000 from future Road Operating Budget 122-1221.

OTHER AGENCY INVOLVEMENT: None

DEPARTMENTAL APPROVAL:

REVIEWED FOR AGENDA: