

MICHAEL P. VICTORINO
Mayor

ROWENA M. DAGDAG-ANDAYA
Director

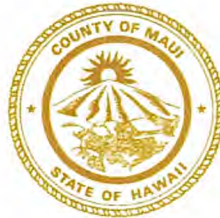
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Deputy Director

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COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM 434
WAILUKU, MAUI, HAWAII 96793

May 7, 2020



Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, Maui, Hawaii 96793

APPROVED FOR TRANSMITTAL

Michael P. Victorino 5/7/20
Mayor Date

For Transmittal to:

Honorable Tamara Paltin, Chair
Planning and Sustainable Land Use Committee
Maui County Council
200 South High Street
Wailuku, Maui, Hawaii 96793

Dear Chair Paltin:

SUBJECT: EXISTING STREETS (PSLU-49)

The Department is in receipt of your correspondence dated January 23, 2020 that requests "*a cost estimate of exempted improvements to existing streets for all two developable lot subdivisions as described in Maui County Code Section 18.20.040.*"

The Department identified 34 subdivision applications received between 2015 and 2020 intending to utilize the two-lot subdivision exemption. A brief analysis was performed to approximate the extent of pavement widening, curb, gutter and sidewalk improvements that would have been required if the two-lot subdivision exemption did not exist. The Department was unable to analyze site specific improvements relating to the grading of shoulder areas, the removal of obstructions from the right-of-way, and drainage improvements because the information needed to analyze the scope of these improvements is not available at this time.

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For Transmittal to:
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The Department approximated the existing pavement width fronting each subdivision using aerial pictometry images to determine the extent of pavement widening required based on each road's classification. Pavement widening was not triggered by 19 of the 34 subdivisions because the existing pavement width already met County standards. The approximate area of pavement widening for the remaining 15 subdivisions was estimated to be 53,100 square feet. The Department assumed a pavement widening cost of \$8.00 per square foot based on recent road paving CIP projects. Pavement widening was assumed to include the installation of a two-inch thick layer of hot mix asphalt on top of a six-inch thick layer of untreated base course. The approximate cost of the pavement widening improvements being exempted is \$424,800.

In reviewing the Department's existing asset information and anticipated improvements through upcoming CIP projects, the Department identified that 32 of the 34 subdivisions did not trigger curb, gutter, and sidewalk improvements because improvements already exist or there is no existing network of improvement to adjoin the new improvements. Only two subdivisions were found to trigger curb, gutter, and sidewalk improvements because of their proximity to existing improvements. The approximate length of improvements was estimated to be 1,681 lineal feet. The Department assumed a curb, gutter and sidewalk cost of \$205 per lineal foot based on recent CIP projects. The approximate cost of curb, gutter and sidewalk being exempted is \$344,605.

In total, road improvements exempted or anticipated to be exempted by the two-lot subdivision exemption is estimated to be \$769,405. This estimate represents an approximation at best given the limited amount of information available and does not account for site specific cost associated with grading of shoulder areas, the removal of obstructions from the right-of-way, and drainage improvements.

If there are any questions regarding this correspondence, please contact me at 270-7845.

Sincerely,



JORDAN MOLINA
Deputy Director of Public Works