



August 21, 2019

Mr. Andy Chang
 City of Mountain View
 Department of Public Works
 500 Castro Street
 Mountain View, CA 94041

Project No.: SJ-16112 (019R2)

RE: SHORELINE BOULEVARD INTERIM BUS LANE AND UTILITY IMPROVEMENTS ADDITIONAL WORK (MOFFETT BOULEVARD TURN LANE)

Dear Mr. Chang:

At the request of the City of Mountain View (City), Mark Thomas & Company, Inc. (Mark Thomas) is providing this letter to outline additional out of scope services. The City has requested that the left turn pocket leading to southbound State Route 85 (SR 85) (between Middlefield Road and the SR 85 northbound off-ramp) be extended. The City has agreed to provide additional storage for the left turn pocket to accommodate the expected increased number of vehicles as a result of the closure of the on-ramp to SR 85 from Shoreline Boulevard. Extension of the left turn pocket will require modifications to the existing landscaped median along Moffett Boulevard. The City understands that the turn pocket will extend past Mariner Drive and that the left turn pocket will function as a shared left turn pocket (for both Mariner and the SR 85 on-ramp). Any modifications to the SR 85 on-ramp that result from the design of the left turn pocket extension are excluded from the additional services. Please see below for a description of the additional services requested.

ADDITIONAL SERVICES

Moffett Boulevard: Left Turn Pocket to SR 85 Extension

Between Middlefield Road and the northbound SR 85 off-ramp, the City has requested that Mark Thomas design the extension of the Moffett Boulevard left turn pocket onto southbound SR 85. The existing left turn pocket is currently 140 feet long and will be extended to 440 feet. Extending the left turn pocket will include pavement widening, new curb, modifications to striping, signs, landscaping and irrigation. This area of the City was not part of the original topographic survey that was performed with the main project. Additional topographic survey will need to be performed to adequately design the extension of the left turn pocket. It is assumed that the median along Moffett Boulevard will be narrowed to accommodate the extension of the left turn pocket. This scope assumes that Moffett Boulevard is a fairly uniformly crowned road and that retaining walls or retaining curbs in the median will not be needed to make up significant differences in elevations. It is also assumed that there will be no underground or overhead utility, lighting,



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ramp metering, or traffic signal modifications required with the extension of the left turn pocket. Any modifications to utilities, lighting, ramp metering or traffic signals is excluded from this scope of work.

Mark Thomas will prepare plans, specifications and estimate for the additional improvements. This scope assumes that the plans will be packaged with the Shoreline Reversible Bus Lane plans for bidding and construction. The additional roadway, survey, landscape, and irrigation design effort is estimated to require approximately 300 hours of additional effort. This proposed scope of service assumes that Mark Thomas will first submit a proposed turn pocket layout plan with striping and then to two full plan submittals to the City for review and comment prior to final approval of the improvement plans. The additional design fees associated with this effort are summarized in the table below:

Task	Budget
Project Management	
General Project Management	\$ 2,500.00
Moffett Boulevard: Left Turn Pocket to SR 85 Extension - Plans, Specification and Estimate	
Additional Survey	\$ 13,100.00
100% Plans (Typical Cross-Section, Demolition, Layouts, Construction Details, Pavement Delineation, Signs, Staging, Planting and Irrigation)	\$ 18,500.00
Final Construction Documents	\$ 14,500.00
Contingency	\$ 5,000.00
TOTAL	\$53,600.00

The requested fee for extending the left turn pocket on Moffett Boulevard between Middlefield Road and the northbound SR 85 off-ramp is \$53,600.

SCOPE EXCLUSIONS

The following tasks are not included in this scope of added services:

- Traffic Signal and Lighting design
- Utility modifications and design
- SR 85 on-ramp modifications, including ramp metering
- Retaining wall and retaining curb design
- Additional meetings



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Feel free to give me a call if you need any additional information or have any questions regarding these additional services.

Sincerely,

MARK THOMAS



Sasha Dansky, PE
Principal/Vice President

