



December 17, 2020

Ravi Pudipeddi
City of Bakersfield
1600 Truxtun Avenue, 3rd Floor
Bakersfield, CA 93301

RE: Rosedale Highway Widening Project (Verdugo Lane to Calloway Drive) PS&E - Amendment 1

Dear Ravi,

Thank you for allowing Mark Thomas to continue to provide engineering services to the City of Bakersfield for the subject project.

We understand that the City would like to modify the current scope to include full ADA upgrades within the project limits, In order to subsequent construction and disruption to the public using the facility. The original scope shall be amended as follows to include the additional design scope:

REVISED SCOPE OF WORK (Modifications to Scope of Work are identified in Blue):

Task 2. Plans

Mark Thomas shall update and make any additions to the plans as requested and resubmit the 95% plans. After the City review comments are addressed, Mark Thomas will submit the 100% Plans and after final changes are made, the final signed plans will be submitted.

Mark Thomas shall review the existing pedestrian paths, identify all non-ADA compliant curb ramps, driveway and design and include the upgraded ramps and driveways to the existing set of plans. The additional plans are identified below.

- a. Title (1 sheets) - Updates to plans and list of sheets.
- b. Key Map (1 sheet) - update
- c. Typical Sections (2 sheets) - Updates to the pavement design to match existing cross slope to avoid constructability issues previously encountered.




- d. Layouts (1 sheet) – updates to layout plans per Right-of-Way agreements with private property owners.
- e. Pavement Design Details (6 sheets) - Update pavement design elevation per revised roadway cross slope design.
- f. Intersection Details (3 sheets) [+ \(4 additional Sheets\)](#) – update based on pavement design changes.
- g. Driveway Details (1 Sheet) [+ \(1 additional sheet\)](#) – Update per Right of–way agreements.
- h. Private Property Restoration Details (6 sheets) - Update based on new Field conditions and field walk. Add all business signs to be moved by contractor.
- i. Drainage plans and Profile, and Details (3 sheets) [+ \(2 Detail Sheets\)](#) – update based on new pavement design [and addition of one drainage inlet construction and additional drainage details to address review comments.](#)
- j. Utility Plan (3 sheets) - Update based on new utility notifications and relocation design.
- k. Construction Area Signs (1 sheet) - update with new limits of construction.
- l. Stage Construction (9 sheets) - ~~Update to match existing condition at tie in the staging design is good.~~ [Update to match revised design and pavement reconstruction limits.](#)
- m. Signing and Striping (1 Sheet) – Update with revised shoulder striping.
- n. Electrical and Signal Plans (Rosedale and Verdugo) (3 sheets) - updates to the electrical design plans based on updated elevation and horizontal design.
- o. Irrigation and Planting plans (4 Sheets) – Updates based on current field conditions and ROW agreement requirements.
- p. Quantity sheet (2 sheets) - Add quantity take off sheets, similar to Caltrans sheet for the roadway and traffic items.

Exclusions and Assumptions:

Mark Thomas exclusions and assumptions for this scope of work are listed below:

- 1. ~~The current Horizontal Geometry (roadway geometry) will remain as designed in the current 95% plans, with exception of minor sidewalk and curb modifications to fit current conditions.~~
- 2. No utility relocation design is not anticipated or included in the scope. Only utility relocation coordination is included in this scope of work.
- 3. No median planting and irrigation is anticipated or included in this scope of work.



 December 17, 2020

4. It is assumed the new signal at Calloway Rd and Rosedale Hwy has already been installed and no traffic signal modifications are necessary at this intersection, with the exception of loop replacement or modifications.

FEE:

The anticipated additional fee estimate for the additional scope of work herein is \$34,460
See attached Fee Estimate Breakdown.

If you have any questions regarding this amendment, please do not hesitate to contact me at avivar@markthomas.com or 714-348-6344.

Sincerely,
MARK THOMAS




Arturo Vivar, PE
Sr. Project Manager



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COST PROPOSAL FOR PROJECT SCOPE: ROSEDALE HWY WIDENING - SEGMENT 2 -AMENDMENT 1

<div> MARK THOMAS</div>									
		Additional Sheets	Sr. Project Manager	Project Engineer	Design Engineer II	Design Engineer I	Sr. Technician	Total Hours	Total MT Cost
			\$250.00	\$153.00	\$134.00	\$108.00	\$131.00		
2.0 UTILITY COORDINATION									
2.1	Title Sheet, Key Map and Control						0	\$0	
2.2	Typical Section						0	\$0	
2.3	Roadway Layout		8			40	20	68	\$8,940
2.4	Pavement Design						0	\$0	
2.5	Construction Details	5	8			120	40	168	\$20,200
2.6	Private Property Details						0	\$0	
2.7	Drainage Plan, Profiles, and Details	2	4			40	44	\$5,320	
2.8	Utility Plans						0	\$0	
2.9	Stage Construction and Const. Area Signs						0	\$0	
2.10	Signing and Striping						0	\$0	
2.11	Electrical and Signal plans						0	\$0	
2.12	Irrigation and Planting						0	\$0	
2.13	Quantity Sheets								
Subtotal Phase 2		7	20	0	0	200	60	280	\$34,460
TOTAL HOURS			20	0	0	200	60	280	
OTHER DIRECT COSTS									\$0
TOTAL COST			\$5,000	\$0	\$0	\$21,600	\$7,860		\$34,460