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Memorandum

TO	Jamar Stamps	DATE	November 17, 2015
FROM	Brett Hondorp	PROJECT	Treat Boulevard Ped/Bike Plan
RE	I-680/Treat Boulevard Bike/Ped Plan Public Comments and Next Steps		

This memorandum and the attached draft budget provide requested modifications to the design plans and report plus follow-up questions to clarify the scope of work.

Scope of Work

Below is the list of requested modifications to Concept 4 per your memo dated October 21, 2015. Follow-up notes and questions are listed below each modification.

Task 1 Update Design Plans and Report

The modified Concept 4 will include the proposed bike crossing treatments from the initial "Concept 4" on all four legs of the N. Main St./Geary Rd./Treat Blvd. intersection (if these markings are MUTCD approved).

- Please note, the bike crossing treatments at the N. Main St. /Geary Rd. /Treat Blvd. intersection are not in the MUTCD. The NACTO Urban Bikeway Design Guide, which is recognized by Caltrans in the "Design Flexibility in Multimodal Design" Memorandum dated April 10, 2014 (<http://www.dot.ca.gov/hq/oppd/design/2014-4-2-Flexibility-in-Design.pdf>) as a resource and guidance for design decisions, recommends similar bicycle crossing treatments.

The modified Concept 4 will allocate space in the outside travel lane (possibly by adjusting travel lanes to 10') on eastbound Treat Blvd. from the I-680 off-ramp to Jones Rd. as a Class II bike lane. As part of this effort, Alta will conduct field measurements to assess the feasibility of the bicycle lane.

- In addition to adding a Class II bike lane on eastbound Treat Blvd. from the I-680 off-ramp to Jones Road, we also recommend adding a bike lane from North Main Street to the I-680 off-ramp to connect with the existing bike lane on eastbound Treat Boulevard. This will require narrowing the travel lanes and proposed sidewalk and shifting the sidewalk to the south between North Main Street and I-680. This could also be considered as a future implementation.
- The refined concept will also consider the removal of the northbound channelized right-turn lane of the I-680 off-ramp on the south side of the Treat Blvd and Buskirk Avenue intersection. Alternatives to this option include bike crossing warning signs supplemented with flashing yellow beacons to the merging vehicles as an added yield feature.

The modified Concept 4 will include an option for future implementation that looks at widening sidewalks and adjusting curbs/medians to accommodate a shared-use path or a protected bike facility (similar to what is contained in Option 1b) on the south side of Treat Blvd. from Oak Rd. to Jones Rd. The existing R/W on the south side of Treat Blvd. appears to be set back at least 10' from the face of curb which could allow for some adjustments and maintain at least 11' travel lane widths.

The updated Plan will further emphasize that its intent is to identify short to medium range improvements for implementation and that the long term ultimate improvements in this corridor would come with reconfiguration of the I-680 ramps. New concept plans would need to be drafted at this time.

Task 2 Conduct Traffic Analysis

DKS will conduct a traffic analysis of the modified Concept 4 design to determine if the modifications result in any traffic impacts. The scope of work is to specifically analyze the impact of including an eastbound bicycle lane along the segment of Treat Boulevard between the I-680 NB off ramp and Jones Road. This option includes reducing the eastbound travel lanes from 12 feet to 10 feet to accommodate an eastbound bike lane in Concept 4. The analysis will only be limited to Concept 4 under the Future Year (2040) scenario. The synchro software will be used for the analysis as was done for the previous analysis. The results will be summarized in a technical memorandum. DKS will also provide a queuing analysis to assess the removal of the NB channelized right-turn lane at the I-680 off-ramp at Buskirk Avenue.

Task 3 Public Outreach

Alta will attend up to two public meetings as part of this task.

The first public meeting will be a Community Workshop, where the updated concept will be presented and the public can provide feedback on the plans. Alta will provide sign-in sheets, name tags, concept print-outs, meeting facilitation, and meeting notes. Alta will work with the County to draft presentation materials for the meeting. The County will help identify or provide a suitable venue for the workshop. Alta will provide the County with meeting notes based on the public feedback.

The second public meeting will be a presentation to the City of Walnut Creek Transportation Commission to solicit feedback on the updated draft concept plans. Alta will work with the County to draft presentation materials for the meeting.

Task 4 Refine Design Plans and Report

Alta and DKS will review and refine the plans and report based on one set of consolidated, internally-consistent comments from Contra Costa County and the City of Walnut Creek.

Task 5 Project Management

Alta will hold up to two conference call meetings with Contra Costa County and the City of Walnut Creek to discuss the project, methodology and deliverables.

Deliverables

- Public Meeting prep, attendance and minutes
- Draft Plans
 - Draft Modified Concept 4 Plans (Sheets 1-4)
 - Draft Updated Treat Boulevard Bicycle and Pedestrian Plan
 - Draft Traffic Analysis Technical memorandum

- Final Plans
 - Final Modified Concept 4 Plans (Sheets 1-4)
 - Final Updated Treat Boulevard Bicycle and Pedestrian Plan
 - Final Traffic Analysis Technical memorandum

SCHEDULE OF FEES & CHARGES

Updated 11-17-15

	Alta Planning + Design					DKS				Task Hours	Task Budget
	Project Manager	Senior Planner	Senior Engineer	Designer/ Graphics	Engineer	Principal in Charge	Project Manager	Engineer	Admin/ Graphics		
	Brett Hondorp	Alexandra Sweet	Laurentiu Duscic, PE	Erin Feehily	Jason Cook, PE	Thomas Krakow	David Mahama	Maria Tribelhorn	Deserae Mallori		
/ Rate*	\$190	\$128	\$128	\$83	\$108	\$250	\$210	\$120	\$95		
Update Design Plans and Report	1	6	12	2	24					45	\$5,252
Traffic Analysis	1	2				2	4	20	4	33	\$4,566
Public Outreach	8	14	6	10	5	0	3	2	1	49	\$6,415
Public Meeting	4	8	4	8	4		2	2	1	33	\$4,147
City of Walnut Creek Transportation Commission Meeting	4	6	2	2	1		1			16	\$2,268
Design Review and Refinement	1	2	4	2	8	1	1	2		21	\$2,688
Project Management	4	6	2							12	\$1,784
Staff Hours	15	30	24	14	37	3	8	24	5	160	\$20,705
Project Total											\$20,705

* Hourly rates are for calendar year 2015, and will be adjusted if work is continued into subsequent year(s).