Attachment 1: Existing Folsom Street off-ramp

Block 8
Attachment 2: Proposed Folsom Street off-ramp realignment
ATTACHMENT 3: SCOPE OF PROJECT AND BUDGET SUMMARY

The San Francisco County Transportation Authority (the “Authority”), together with Caltrans and Consultant, is undertaking the preparation and approval of a Permit Engineering and Evaluation Report (PEER) for the Folsom Street Off-Ramp Reconfiguration as conceptualized in the Transbay Redevelopment Project Area Streetscape and Open Space Concept Plan (“Streetscape Plan”). Previously this project contemplated a combined Project Study Report/Project Report (PSR/PR). Caltrans subsequently agreed to have this project permitted through the PEER process. It is further understood that the project can be constructed under a Caltrans Encroachment Permit project issued to a local agency based on Caltrans’ Memorandum dated July 3, 2007, “Processing Projects Funded by Others” for projects less than $3.0 Million and is not anticipated to be a complex project. As Congestion Management Agency for San Francisco, the Authority is the customary lead for obtaining Caltrans approvals on facilities that are part of or affect the State Highway System. The Authority will provide oversight of engineering consultant services contracted for this purpose. The Project is being funded by the Office of Community Investment and Infrastructure (“OCII”), as Successor Agency to the San Francisco Redevelopment Agency (“Successor Agency”), which will also participate as part of the Project Development Team.

The Scope of Project is described below in two main phases: 1) the completed scope of work, including work for which the Authority and its Consultant have not been reimbursed, and 2) the remaining final design scope of work that will conclude this portion of the project with a permit to construct the improvements.

**COMPLETED SCOPE OF WORK (ITEMS “A” – “D”)**

**A. Re-design of the Off-Ramp Geometrics**

The revision to the off-ramp geometric required updating the based map for the Roadway Plans including the Layouts, Drainage, Utilities, Pavement Delineation, Signing and Stage Constructions Plans/Detour Plans along with Typical Sections and Title Sheet.

Items of work related to the design change that have been completed but not reimbursed include:

- Coordination with Caltrans Service Units
- Updating of Roadway Plans and Special Provisions
- Updating of the Roadway Quantities and the Cost Estimate

**B. Update of the Project Approval and Environmental Documents**

The revision of the off-ramp geometric required updating of the GAD drawings, which is part of the PEER (Permit Engineering Evaluation Report) along with Mandatory Design Exception Fact Sheet, Advisory Design Exception Fact, Storm Water Data Report (SWDR) and the Transportation Management Plan (TMP). The new off-ramp design required an update of the Proposed Right of Way Exhibit.
Items of work related to the design change that have been completed but not reimbursed include:

- Coordinating with Caltrans Design
- Revising the GAD
- Updating the Mandatory Design Exception Fact Sheet
- Updating the Advisory Design Exception Fact Sheet
- Revising the SWDR/TMP Reports
- Updating the Right of Way Exhibit Map

C. **Revise the Retaining Wall Alignment and Structural Type**
The initial Retaining Wall type was Caltrans Standard Type 1 Wall on CIDH piles. Since the Retaining Wall layout was revised to a straight alignment, as a cost saving measure the Retaining Wall type was changed to an MSE (Mechanically Stabilized Embankment) retaining wall.

Items of work related to the design change that have been completed but not reimbursed include:

- Coordinating, meeting and responding to Caltrans Structures comments
- Revising the Retaining Wall General Plan and revise Type Selection Report
- Coordinating the recommendation/revisions to the Foundation Report
- Updating the Foundation and Materials Report (AGS)

D. **Re-design the Retaining Wall Structural Plans**
The alignment of the retaining wall has been revised and the proposed Retaining Wall is now an MSE Wall. The structural plans and details will need to be revised to reflect these revisions. The design of the MSE wall will need to comply with Caltrans new LRFD (Load Resistance Factor Design) requirements.

Items of work related to the design change that have been completed but not reimbursed include:

- Coordinating and meet with Caltrans Structures
- Reviewing design to comply to Caltrans new LRFD Design Criteria
- Updating of Retaining Wall Structural Plans and Details
- Updating Special Provisions, structural quantities and estimate

TOTAL COST OF ITEMS “A” – “D” – FOR WORK COMPLETED BUT NOT REIMBURSED $185,159
E. **Project Management/Caltrans and Local Agencies Coordination**

1. Schedule a “re-start” kick-off meeting with Caltrans Design Units to confirm responses and design revisions for 95% comments and outlining project schedule for completion.

2. Schedule coordination meetings with SFMTA and SFDWP to update these entities on Caltrans review comments, discuss and review their comments and outline project schedule.

3. After submitting the 100% PS&E submittal package, schedule a meeting between Consultant and its Design Team with Caltrans, SFDWP and SFMTA.

Items of work related to the design change included:

- Coordination with Caltrans, SFMTA, SFDWP, CCSF and SFCTA
- Set up meetings times and prepare agendas and minutes
- Prepare Response to Caltrans, SFDWP and SFMTA Review Comments

Items to be delivered during the contract duration include:

- Agendas, meeting minutes, and responses to review comments

F. **Update PS&E with Caltrans’ 2010 Standard Plans and Standard Specifications**

1. Update and conform the project to the 2010 Standard Plans, Standard Specifications and design criteria.

2. Specific items requiring conformance include the off-ramp design, traffic signal design and the MSE wall design and update to 2010 design requirements

Items of work related to the design change included:

- Update and finalize Off-Ramp Design Plans and Specifications
- Update and finalize Traffic Signal Plans and Specifications
- Update and finalize Structural Plans & Specifications
- Update and finalize Foundation Report and Materials Report

The above deliverables are concurrently due within six months of the Notice to Proceed.

G. **Revise Utilities and Right of Way**

Caltrans’ signature of the Right of Way Certification document is a critical element for the approval of the PS&E package.
Utilities

1. Positively identify utilities through field surveys and field observations.
2. Update and finalize the Utility Plans and Details.
3. Review the proposed improvements to avoid any utility conflicts.
4. Prepare a High and Low Risk form as part of the Right of Way Certification process.

Right of Way

1. Prepare an Advisory Design Exception Fact Sheet to restrict access per Caltrans request.
2. Identify all local agency permits as part of the Caltrans Encroachment Permit process.
3. We will need to prepare and secure SFDPW and SFMTA permits.

Items of work related to the design update included:

- Verify existing utilities through field surveys
- Update and finalize Utility Plans
- Prepare High and Low Risk Utility Clearance Form
- Update Right of Way Exhibit
- Prepare new Advisory Design Exception Fact Sheet
- Prepare and secure MTA and SF-DPW Permits
- Update Right of Way Certification for approval

The above deliverables are concurrently due within six months of the Notice to Proceed and includes Caltrans’ approval of the Right-of-Way Certification document.

H. Finalize Engineering Reports for Encroachment Permit

1. Update the Traffic Management Plan (TMP) with respect to Caltrans’ recent traffic data.
2. Update the Storm Water Data Report (SWDR) along with the preparation of the Stormwater Pollution Prevention Plan (SWPPP) handout information.

Items of work related to the design change included:

- Update and finalize the TMP
- Update and finalize SWDR & SWPPP handout
The above deliverables are concurrently due within eight months of the Notice to Proceed.

I. **Obtain Caltrans Encroachment Permit**

SFCTA shall pay for the Caltrans Encroachment Permit fee and be reimbursed for this cost.

The above deliverable is due within eleven months of the Notice to Proceed.

*TOTAL COST OF ITEMS “E” – “I” – ADDITIONAL SERVICES*  
$180,426
## BUDGET SUMMARY

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## ADDITIONAL SERVICES SUMMARY

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