

DEPARTMENT OF TRANSPORTATION

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EA 05-12910
Route 1/17 Merge Lanes

ROUTE 1/17 MERGE LANES PROJECT STATUS UPDATE

December 14 the Project Development Team met to discuss the project's progress to date, construction issues, and costs:

Progress to Date – The project has been in construction approximately 9 months. The effort has concentrated on bridgework over Branciforte/Carbonera Creeks because environmental permits only allow construction in the creek channels from June 15 to October 15. The contractor completed pier walls, abutments and restored the streambed prior to October 15. Sound wall construction, earthwork grading, and median paving were occurring concurrently. Sound walls G, H and part of E have been completed. Sound wall A and the remainder of E will be completed this winter.

Construction Issues – *Unsuitable Material* was encountered in the sub-grade in the median. This material had to be removed and replaced with compactable fill to construct an adequate base for the roadway. *Buried Man-Made Objects* (concrete) were encountered in the creek channels below the surface. No indication of them appeared in our records. This concrete had to be removed to allow pile driving, footing excavation and creek restoration. *Bridge Pile Casings* needed to be extended beyond that shown in the plans. Driving the abutment pile casings failed to contact bedrock needed to provide the foundation to support bridge, traffic, and earthquake loads.

Costs – The issues described above along with unidentified utility conflicts/relocations and other minor issues will deplete the remaining contingency balance of this project. Additional funds will be required to complete construction. Our initial estimates show a need of between \$3-5M.

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Project Manager