

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Public Works – Approve a Change Order for additional slurry seal on Plaza Del Amo from Border Avenue to Torrance High School and on Cabrillo Avenue between Plaza Del Amo and Sepulveda Boulevard. Expenditure: \$33,550

RECOMMENDATION

Recommendation of the Public Works Director that City Council:

1. Appropriate Sewer Enterprise funds in the amount of \$18,550 to the Residential Slurry Seal Program, I-6; and
2. Approve Change Order No. 1 in the amount of \$33,550 to Public Works Agreement C2008-162 with Bond Blacktop, Inc. for the application of slurry seal on the south side of Plaza Del Amo from Border Avenue to Arlington Avenue and the west side service road near Torrance High School and on Cabrillo Avenue between Plaza Del Amo and Sepulveda Boulevard.

Funding

Funding is available from the requested appropriation and a portion (\$15,000) of the 5% contingency previously approved for Public Works Agreement C2008-162 with Bond Blacktop, Inc. for the FY2008-09 Residential Slurry Seal Program, I-6.

BACKGROUND

Plaza Del Amo

In September 2008, the City completed construction of a new sewer main in Plaza Del Amo. The new sewer main was installed on the north side of Plaza Del Amo from Border Avenue to Arlington Avenue and on the south side of Plaza Del Amo from Arlington Avenue to Torrance High School. The construction contract required that slurry seal be applied to Plaza Del Amo over the areas disturbed by the new sewer main. Public Works is recommending that we apply a slurry seal to the areas of Plaza Del Amo that were not directly over the sewer main to complete the roadway. The construction is considered part of the project and therefore the appropriation is from the Sewer Enterprise Fund. In order to keep the added cost at a minimum for the additional slurry seal, it also was decided to add the work to the contract for the FY2008-09 Residential Slurry Seal Program, I-6.

Cabrillo Avenue

The Public Works Department is also recommending that we slurry seal Cabrillo Avenue between Plaza Del Amo and Sepulveda Boulevard. The builder of the townhouses at the intersection of Sepulveda Boulevard and Cabrillo Avenue repaired half of Cabrillo Avenue in front of the project leaving the rest of the roadway in need of repair. Public Works staff has completed minor pavement repairs to rest of the roadway and the remainder is now ready for the application of a slurry seal. In order to keep the cost at a minimum, it was decided to add the work to the contract for the FY2008-09 Residential Slurry Seal Program, I-6.

ANALYSIS

On August 5, 2008, Your Honorable Body awarded a Public Works Agreement to Bond Blacktop, Inc. ("Bond") for the construction of the FY2008-09 Residential Slurry Seal Program, I-6. At staff's request, Bond proposed a cost to apply slurry seal to the remaining areas of Plaza Del Amo and to Cabrillo Avenue. Bond's proposed price is \$33,550 (\$0.17 per square foot), as compared to the \$57,232 (\$0.29 per square foot) proposed by the contractor for the Plaza Del Amo Sewer project. The cost savings is \$0.12 per square foot (approximately 40% savings). Therefore, the Public Works Director recommends that a Change Order in the amount of \$33,550 be awarded to Bond to perform the work.

It should be noted that the type of slurry seal that will be applied to Plaza Del Amo and to Cabrillo Avenue will be Rubberized Emulsion Aggregate Slurry ("REAS"). The REAS product is the same product being applied to streets included in the FY2008-09 Residential Slurry Seal Program. The REAS product uses recycled rubber from automobile tires and has a longer life cycle than conventional slurry seal. It has a stronger skid resistance and has a uniform matte color that provides a high contrast for pavement markings and striping. The type of slurry seal previously applied to Plaza Del Amo for the recently completed sewer project is conventional slurry. Having both conventional and REAS slurry seal products in close proximity on equivalently-used travel lanes will provide Public Works staff an opportunity to compare the performance of these two types of slurry seal products.

Respectfully submitted,

ROBERT J. BESTE
Public Works Director



By Craig Bilezerian
Engineering Manager

CONCUR:



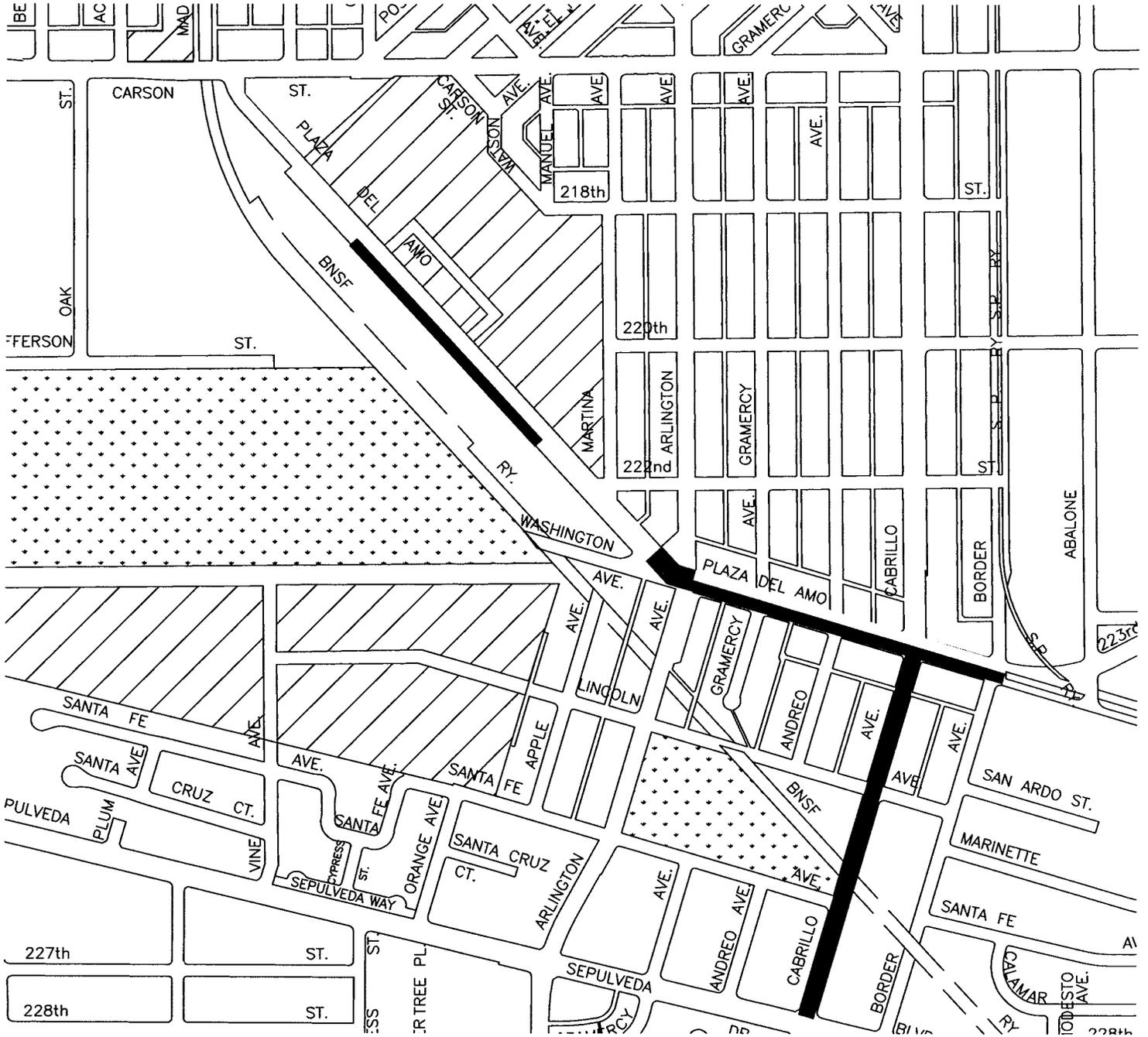
Robert J. Beste
Public Works Director



LeRoy J. Jackson
City Manager

Attachment A: Map of Slurry Seal areas

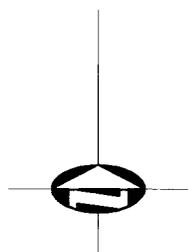
PLAZA DEL AMO SLURRY SEAL



LEGEND

— TO BE SLURRY SEALED WITH RUBBERIZED SLURRY (REAS)

PREVIOUSLY SLURRY SEALED AFTER SEWER PROJECT (CONVENTIONAL SLURRY)



NOT TO SCALE