



FINAL CONTRACT BALANCE

DATE: NOVEMBER 3rd, 2022

PROJECT: NATIONAL CITY BOULEVARD BIKEWAY
FY 21-22
CIP No. 19-18

TO: EAGLE PAVING, INC
12700 STOWE DR STE 200
POWAY, CA 92064-8868

ORIGINAL CONTRACT AMOUNT:	\$650,760.00
START DATE:	June 4th, 2022
COMPLETION DATE:	October 14th, 2022
ORIGINAL CONTRACT LENGTH:	45 Working Days
EXTENTION OF WORKDAYS:	5 Working Days
TOTAL CONTRACT TIME:	50 Working Days
WORKING DAYS SUSPENDED:	41 Working Days
FINAL CONTRACT AMOUNT:	\$714,242.39

DESCRIPTION:

The Final Contract Balance reports final line item amounts and summarizes all change orders to produce a final contract amount.

CHANGE ORDERS AND LINE ITEM ADJUSTMENTS:

Change Order #1 replaced the existing storm drain grates on National City Boulevard at STA 16+50 (1ea) and STA 26+00 (2ea) with Type 24-12x grates in accordance with Caltrans Standard Plan D77B. The item "Replace Existing Storm Drain Grate, Type 18-9X" was shown with a quantity of 3 EA at three separate locations on the plans. Field measurements of the existing grates along National City Boulevard at Stations 16+50 and 26+00 showed that the existing frame size was 24" and not 18" as indicated on the plans. In addition, the existing frame at Station 26+00 was a double grate whereas the plans only showed replacing a single grate. This Change order compensated the contractor for the upsizing of the 2 of the grates for a 24" frame and one complete 24" grate not originally called out on the plans. This Change Order total amount is **\$1,776.00**.

Change Order #2 provided procurement and installation of preformed thermoplastic conflict striping at the locations shown on the plans and in accordance with the details "DRIVEWAY/BUS STOP GREEN BIKE LANE CONFLICT MAKRING DETAIL" and "INTERSECTION EXTENSION GREEN BIKELANE CONFLICT MARKING DETAIL" shown on sheet 7 of the plans. The plans showed the driveway, bus stop and intersection conflict markings to be painted with green traffic paint. The City wished to upgrade these conflict markings to be installed as preformed thermoplastic for reduced long term maintenance costs and increased visibility for

FINAL CONTRACT BALANCE

NATIONAL CITY BOULEVARD BIKEWAY

CIP No. 19-18

the public. This change order compensated the contractor for changing from green painted conflict markings to thermoplastic preformed conflict markings. This Change Order total amount is **\$16,516.00**.

Change Order #3 installed a Type B-3 curb with raised median at the intersection of 33rd Street and Hoover Avenue as shown in the plans. The bid quantity of Type B-3 curb for this raised median was scheduled for 15 linear feet. The actual quantity shown in the plans and installed in the field was 148 linear feet, resulting in an increase in quantity of 133 linear feet. This Change Order compensated the contractor for the additional quantity of Type B-3 Curb installed and adjusted the unit price for the quantity over 125% of the bid item quantity. This Change Order amount is **\$4,030.16**.

Change Order #4 modified the limits of the over excavation; paving; and slurry seal limits of work, as well as performed crack sealing within the limits for slurry seal work. Prior to the reconstruction of National City Boulevard, it was determined by the City that additional overlay was required south of the Overcrossing bridge and north of the intersection at 35th street. It was also noted that the limits necessary to perform full depth construction were not as large as shown on the plans. Therefore, the paving limits were changed to reconstruct a portion of what was shown on the plans and overlay a portion of the work that was originally shown as slurry sealed. Additionally, the contract Specifications did not require crack fill prior to the slurry seal operation. This Change order compensated the contractor to perform these changes in limits of work and perform crack sealing within the limits for slurry seal. This Change Order total amount is **\$12,813.30**.

Change Order #5 installed nine (9) additional traffic loop detectors not anticipated in the plans and installed concrete stub-outs at five (5) locations of new loops required per the plans. The addition of two (2) loops for SB National City Blvd were installed due to the paving limits changing from the plans in order to rehabilitate the existing pavement surrounding the loops. The addition of seven (7) loops at the SR-54 off-ramp was required to maintain Caltrans standard loop spacing of 10' out-to-out per Figure 2-10 of the Caltrans Ramp Metering Design Manual. The striping changes at the off ramp did not give the proper clear distance between the stop bar and the loops, therefore Caltrans required new loops at the proper spacing be installed. The existing loops were not visible due to being overlaid by a previous Caltrans maintenance project, and Caltrans maintenance located the existing loops to determine that they did not comply with the new loop installed per the plans. This Change Order amount is **\$23,697.63**.

Change Order #6 installed two (2) thermoplastic "Keep Clear" pavement markings with associated R10-7 signs (1ea) along National City Boulevard at the intersection with 33rd Street and the intersection with the cross walk from the SR-54 off-ramp. The merging of the two southbound lanes on National City Boulevard required for this project, and in accordance with the plans at 33rd Street, generated an accumulation of vehicles at the intersection. The queue of drivers, waiting at the light in this location, blocks and delays the northbound vehicles from making the left turn onto 33rd Street from National City Boulevard. Pedestrians/bicyclists are also impacted from this queue, at the new crosswalk required here for the project. The City wished to add additional striping instructing these intersections be kept clear, as well as signage reiterating it per the request of Caltrans. This change order compensated the contractor for the additional striping and signage. This Change Order amount is **\$4,649.30**.

All Change Orders listed above increased the total contract amount **\$63,482.39**.

CONTRACT ADJUSTMENT:

As a result of the above change orders and line item adjustments, the contract price is adjusted as follows:

FINAL CONTRACT BALANCE

NATIONAL CITY BOULEVARD BIKEWAY

CIP No. 19-18

1. The final contract price is adjusted to **\$714,242.39**.
2. As a result of the satisfactory completion of said project, a retention amount of **\$35,300.17** is set for invoice processing and payment upon the receipt of signatures and City Council's ratification of this agreement and the Notice of Completion.

This document and its purpose to balance payment shall be considered full compensation for furnishing and installing the materials, labor, tools and equipment, profit, overhead, and all incidentals for performing the work described above. EAGLE PAVING, INC will not be entitled to damages or additional payment for delays as described in the 2012 edition of the Standard Specifications for Public Works Construction, Section 6-6.3, for performing the work as described above.