

City of Chula Vista  
PUBLIC WORKS | ENGINEERING DEPARTMENT - Infrastructure Planning  
**COST ESTIMATE**

**Project Title:**

Industrial Boulevard Pedestrian/Bicycle Improvements, Ada Street to Anita Street  
Construct PCC sidewalks, curb & gutters, ADA pedestrian ramps, PCC driveway approaches, bike lanes, signing, striping & legends, AC pavement work, and traffic control. Along both sides of Industrial Boulevard from approximately Ada Street to Anita Street.. Approximate overall length of the project: 1200 LF. This project would fill in the gap between the Palomar Gateway improvements at Ada Street and the Traffic Signal Modification Project (TF319) at Anita Street.

**Project Number:**

DATE: February 3, 2015

PREPARED BY: R. Solorzano

CHECKED BY: B. Chopp

| No.  | Description   | Quantity | Unit | Unit Price   | Non-Eligible Amount | ATGP Amount   |
|--|---|----------|------|--------------|---------------------|---------------|
| 1  | Clearing & grubbing/removal and disposal of existing improvements | 1        | LS   | \$15,000.00  |                     | \$15,000.00   |
| 2  | Storm water compliance  | 1        | LS   | \$5,000.00   |                     | \$5,000.00    |
| 3  | AC pavement for bike lane (~6") (6'x1200')(2)                     | 540      | TON  | \$200.00     |                     | \$108,000.00  |
| 4  | Crushed aggregate base (~12 inches)                               | 533      | CY   | \$100.00     |                     | \$53,333.33   |
| 5  | Pavement markings and legends                                     | 1        | LS   | \$2,000.00   |                     | \$2,000.00    |
| 6  | Pavement striping (bike lane)                                     | 2400     | LF   | \$2.50       |                     | \$6,000.00    |
| 7  | PCC driveway (4 EA) (4x15x15) eligible items                      | 300      | SF   | \$12.00      |                     | \$3,600.00    |
| 8  | PCC sidewalk  | 11000.00 | SF   | \$10.00      |                     | \$110,000.00  |
| 9  | ADA pedestrian ramp   | 4        | EA   | \$3,500.00   |                     | \$14,000.00   |
| 10   | Bike lane signs   | 4        | EA   | \$600.00     |                     | \$2,400.00    |
| 11   | Construction signs  | 2        | EA   | \$1,500.00   |                     | \$3,000.00    |
| 12   | Public convenience and traffic control                            | 1        | LS   | \$15,000.00  |                     | \$15,000.00   |
| 13   |   |          |      |              |                     |               |
| 14   | <b>Non-eligible TDA Items</b>                                     |          |      |              |                     |               |
| 15   | Filtera pre-cast bio-retention unit                               | 2        | EA   | \$13,000.00  | \$26,000.00         |               |
| 16   | Adjustment of utility covers                                      | 12       | EA   | \$300.00     | \$3,600.00          |               |
| 17   | Chain link gate & fence   | 30       | LF   | \$40.00      | \$1,200.00          |               |
| 18   | Wing and U type headwalk  | 1        | EA   | \$4,000.00   | \$4,000.00          |               |
| 19   | Curb inlet type B   | 1        | EA   | \$5,500.00   | \$5,500.00          |               |
| 20   | Storm drain clean-out   | 1        | EA   | \$5,500.00   | \$5,500.00          |               |
| 21   | Rip-rap energy dissipator   | 1        | EA   | \$4,000.00   | \$4,000.00          |               |
| 22   | PCC curb & gutter (not eligible TDA items)                        | 2200     | LF   | \$35.00      | \$77,000.00         |               |
| 23   | Non-eligible portion of driveways                                 | 600      | SF   | \$11.00      | \$6,600.00          |               |
| 24   |   |          |      |              |                     |               |
| 25   |   |          |      |              |                     |               |
| 26   |   |          |      |              |                     |               |
| 27   |   |          |      |              |                     |               |
| 28   |   |          |      |              |                     |               |
| <b>Subtotal:</b>                             |   |          |      |              | \$ 133,400.00       | \$ 337,333.33 |
| <b>Contingencies</b>                         |   | 20.0     | %    | \$337,333.33 | \$ 26,680.00        | \$ 67,466.67  |
| <b>Subtotal:</b>                             |   |          |      |              | \$ 160,080.00       | \$ 404,800.00 |
| <b>Construction Inspection (staff costs)</b> |   | 10.0     | %    | \$404,800.00 | \$ 16,008.00        | \$ 40,480.00  |
| <b>Design (staff costs)</b>                  |   | 15.0     | %    | \$404,800.00 | \$ 24,012.00        | \$ 60,720.00  |
| <b>Survey Work (staff costs)</b>             |   | 7.5      | %    | \$404,800.00 | \$ 12,006.00        | \$ 30,360.00  |
| <b>Right-of-Way</b>                          |   |          | %    | \$404,800.00 | \$ -                | \$ -          |
| <b>Planning/Environmental</b>                |   | 2.0      | %    | \$404,800.00 | \$ 3,201.60         | \$ 8,096.00   |
| <b>Public Works</b>                          |   |          | %    | \$404,800.00 | \$ -                | \$ -          |
| <b>Other</b>                                 |   |          | %    | \$404,800.00 | \$ -                | \$ -          |
| <b>TOTAL:</b>                                |   |          |      |              | \$ 215,307.60       | \$ 544,456.00 |

Notes:



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PUBLIC WORKS | ENGINEERING DEPARTMENT  
Infrastructure Planning

Date

February-2015

Prepared By:

R. Solorzano

Checked By:

B. Chopp

**Project Number:**

Industrial Boulevard Pedestrian/Bicycle Improvements, Ada Street to Anita Street

**Project Title:****Description:**

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| Item  | Quantity | Unit | Unit Price  | Total Cost Non-Eligible Items | TOTAL COST ELIGIBLE ITEMS |
|---|----------|------|-------------|-------------------------------|---------------------------|
| 1 Clearing & grubbing/removal and disposal of existing improvements | 1.00     | LS   | \$15,000.00 |                               | \$15,000                  |
| 2 Storm water compliance  | 1        | LS   | \$5,000.00  |                               | \$5,000                   |
| 3 AC pavement for bike lane (~6") (6'x1200')(2)                     | 540      | TON  | \$200.00    |                               | \$108,000                 |
| 4 Crushed aggregate base (~12 inches)                               | 533      | CY   | \$100.00    |                               | \$53,333                  |
| 5 Pavement markings and legends                                     | 1        | LS   | \$2,000.00  |                               | \$2,000                   |
| 6 Pavement striping (bike lane)                                     | 2400     | LF   | \$2.50      |                               | \$6,000                   |
| 7 PCC driveway (4 EA) (4x15x15) eligible items                      | 300      | SF   | \$12.00     |                               | \$3,600                   |
| 8 PCC sidewalk  | 11000.00 | SF   | \$10.00     |                               | \$110,000                 |
| 9 ADA pedestrian ramp   | 4        | EA   | \$3,500.00  |                               | \$14,000                  |
| 10 Bike lane signs  | 4        | EA   | \$600.00    |                               | \$2,400.00                |
| 11 Construction signs   | 2        | EA   | \$1,500.00  |                               | \$3,000.00                |
| 12 Public convenience and traffic control                           | 1        | LS   | \$15,000.00 |                               | \$15,000.00               |
| <b>Non-eligible items</b>   |          |      |             |                               |                           |
| 1 Filtera pre-cast bio-retention unit                               | 2        | EA   | \$13,000.00 | \$26,000.00                   |                           |
| 2 Adjustment of utility covers                                      | 12       | EA   | \$300.00    | \$3,600.00                    |                           |
| 3 Chain link gate & fence   | 30       | LF   | \$40.00     | \$1,200.00                    |                           |
| 4 Wing and U type headwalk  | 1        | EA   | \$4,000.00  | \$4,000.00                    |                           |
| 5 Curb inlet type B   | 1        | EA   | \$5,500.00  | \$5,500.00                    |                           |
| 6 Storm drain clean-out   | 1        | EA   | \$5,500.00  | \$5,500.00                    |                           |
| 7 Rip-rap energy dissipator   | 1        | EA   | \$4,000.00  | \$4,000.00                    |                           |
| 8 PCC Curb and gutter   | 2200     | LF   | \$35.00     | \$77,000.00                   |                           |
| 9 Non-eligible portion of driveways                                 | 600      | SF   | \$11.00     | \$6,600.00                    |                           |
| Subtotal  |          |      |             | \$ 133,400                    | \$ 337,333                |
| Contingencies   | 20 %     |      |             | 26,680                        | 67,467                    |
| <b>Construction &amp; Contingencies</b>                             |          |      |             | <b>\$ 160,080</b>             | <b>\$ 404,800</b>         |
| Engineering Design & Inspection                                     | 25.0 %   |      |             | \$ 40,020                     | \$ 101,200                |
| Survey  | 7.5 %    |      |             | \$ 12,006                     | \$ 30,360                 |
| Other Costs (Environmental, soils, etc.)                            | 2.0 %    |      |             | \$ 3,202                      | \$ 8,096                  |
| TOTAL:  |          |      |             | \$ 215,308                    | \$ 544,456                |
| <b>TOTAL COST OF PROJECT</b>  |          |      |             | <b>SAY: \$ 215,400</b>        | <b>\$ 544,500</b>         |
|   |          |      |             | Non-Eligible                  | Eligible                  |