

Eureka Broadway Multimodal Corridor Plan



| PROJECT AREA - BROADWAY CORRIDOR | | | | | | | | | | | 10/19/2020 | |
|--|---|-----------------------|-----------------------|-------------------|---------------------|--------------|--|--|----------------------|----------------------|------------------------------------|---------------------|
| Prj Area No. | PROJECT DESCRIPTION - Limits (From-To) / Intersection | | | Construction Cost | Roadway Contingency | Right-of-Way | Preliminary Assessment and Environmental Review (PA&E) | Including in Support Costs | | | TOTAL PROJECT COSTS (Per Location) | TOTAL PROJECT COSTS |
| | | | | | | | | Plans, Specifications and Estimates (PS&E) | Construction Support | Right-of-Way Support | | |
| 1 Southern Section (Herrick to Tomlinson) | | | | | | | | | | | | |
| R1 | Class I Trail - South Conne | Herrick Avenue | K-Mart Entrance | \$495,600 | \$297,360 | \$220,000 | \$118,900 | \$158,600 | \$79,300 | \$79,300 | \$436,100 | \$1,450,000 |
| R2 | Broadway (Sidewalk) | Herrick Avenue | K-Mart Entrance | \$283,500 | \$172,100 | \$40,000 | \$68,000 | \$90,700 | \$45,400 | \$45,400 | \$249,500 | \$740,000 |
| R3 | Broadway | Herrick Avenue | K-Mart Entrance | \$456,600 | \$273,960 | \$0 | \$109,600 | \$146,100 | \$73,100 | \$73,100 | \$401,900 | \$1,130,000 |
| R4a | Broadway | K-Mart Entrance | Tomlinson Street | \$2,875,800 | \$1,725,480 | \$0 | \$690,200 | \$920,300 | \$460,100 | \$460,100 | \$2,530,700 | \$7,130,000 |
| R4b | Broadway | K-Mart Entrance | Tomlinson Street | \$1,400,700 | \$840,420 | \$0 | \$336,200 | \$448,200 | \$224,100 | \$224,100 | \$1,232,600 | \$3,470,000 |
| R5 | Broadway (ITS) | Herrick Avenue | Tomlinson Street | \$306,400 | \$183,840 | \$0 | \$73,500 | \$98,000 | \$49,000 | \$49,000 | \$269,500 | \$760,000 |
| 11 | Broadway | @ K-Mart Entrance | | \$450,000 | \$270,000 | \$0 | \$108,000 | \$144,000 | \$72,000 | \$72,000 | \$396,000 | \$1,120,000 |
| 12 | Broadway | @ Pierson | | \$450,000 | \$270,000 | \$0 | \$108,000 | \$144,000 | \$72,000 | \$72,000 | \$396,000 | \$1,120,000 |
| 13 | Broadway | @ McCullens Ave | | \$450,000 | \$270,000 | \$0 | \$108,000 | \$144,000 | \$72,000 | \$72,000 | \$396,000 | \$1,120,000 |
| TOTAL | | | | \$7,168,600 | \$4,301,160 | \$260,000 | \$1,720,400 | \$2,293,900 | \$1,147,000 | \$1,147,000 | \$6,308,300 | \$18,040,000 |
| 2 Middle Section (Tomlinson to Hawthorne) | | | | | | | | | | | | |
| R6 | Broadway | Tomlinson | Mall North Entrance | \$1,918,500 | \$1,151,100 | \$0 | \$460,400 | \$613,900 | \$307,000 | \$307,000 | \$1,688,300 | \$4,760,000 |
| R7 | Broadway | Mall North Entrance | Harris St | \$454,300 | \$272,580 | \$0 | \$109,000 | \$145,400 | \$72,700 | \$72,700 | \$399,800 | \$1,130,000 |
| R8a | Broadway | Mall North Entrance | Couplet Split | \$3,306,300 | \$1,983,780 | \$0 | \$793,500 | \$1,058,000 | \$529,000 | \$529,000 | \$2,909,500 | \$8,200,000 |
| R8b | Broadway | Mall North Entrance | Couplet Split | \$3,755,800 | \$2,253,360 | \$0 | \$901,300 | \$1,201,800 | \$600,900 | \$600,900 | \$3,304,900 | \$9,310,000 |
| R9a | Broadway | Couplet Split | Hawthorne | \$563,400 | \$338,040 | \$0 | \$135,200 | \$180,300 | \$90,100 | \$90,100 | \$495,700 | \$1,400,000 |
| R9b | Broadway | Couplet Split | Hawthorne | \$457,000 | \$274,200 | \$0 | \$109,700 | \$146,200 | \$73,100 | \$73,100 | \$402,100 | \$1,130,000 |
| R10 | Broadway (ITS) | Tomlinson | Hawthorne | \$384,000 | \$230,400 | \$0 | \$92,200 | \$122,900 | \$61,400 | \$61,400 | \$337,900 | \$950,000 |
| R11 | US 101 SB Southern Coupl | Mall North Entrance | Couplet Split | \$13,027,500 | \$7,816,500 | \$1,330,000 | \$3,126,600 | \$4,168,800 | \$2,084,400 | \$2,084,400 | \$11,464,200 | \$33,640,000 |
| R12 | Vigo St | Broadway | US 101 SB Couplet | \$437,000 | \$262,200 | \$160,000 | \$104,900 | \$139,800 | \$69,900 | \$69,900 | \$384,500 | \$1,240,000 |
| R13 | Henderson St | Broadway | US 101 SB Couplet | \$300,000 | \$180,000 | \$90,000 | \$72,000 | \$96,000 | \$48,000 | \$48,000 | \$264,000 | \$830,000 |
| R14 | Bayshore Way | Broadway | US 101 SB Couplet | \$420,400 | \$252,240 | \$150,000 | \$100,900 | \$134,500 | \$67,300 | \$67,300 | \$370,000 | \$1,190,000 |
| R15 | Couplet Join Link | Broadway | US 101 SB Couplet | \$515,100 | \$309,060 | \$160,000 | \$123,600 | \$164,800 | \$82,400 | \$82,400 | \$453,200 | \$1,440,000 |
| 14 | Broadway | @ Truesdale St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 15a | US 101 SB Southern Coupl | @ North Mall Entrance | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 15b | Broadway | @ Harris St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 16 | Broadway | @ Bayshore Way | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 17 | Broadway | @ Henderson St | | \$250,000 | \$150,000 | \$0 | \$60,000 | \$80,000 | \$40,000 | \$40,000 | \$220,000 | \$620,000 |
| 18 | Broadway | @ Vigo St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 19 | US 101 SB Southern Coupl | @ Couplet Split | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 110 | US 101 SB Southern Coupl | @ Bayshore Way | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 111 | US 101 SB Southern Coupl | @ Henderson St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 112 | US 101 SB Southern Coupl | @ Vigo St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| TOTAL | | | | \$31,189,100 | \$18,713,460 | \$1,890,000 | \$7,485,300 | \$9,980,400 | \$4,990,200 | \$4,990,200 | \$27,446,100 | \$79,250,000 |
| 3 Northern Section (Hawthorn to 4th Street) | | | | | | | | | | | | |
| R16 | Broadway | Hawthorne St | Couplet Join | \$632,500 | \$379,500 | \$0 | \$151,800 | \$202,400 | \$101,200 | \$101,200 | \$556,600 | \$1,570,000 |
| R17a | Broadway | Couplet Join | Wabash Ave | \$420,800 | \$252,480 | \$0 | \$101,000 | \$134,700 | \$67,300 | \$67,300 | \$370,300 | \$1,040,000 |
| R17b | Broadway | Couplet Join | Wabash Ave | \$253,600 | \$152,160 | \$0 | \$60,900 | \$81,200 | \$40,600 | \$40,600 | \$223,300 | \$630,000 |
| R18 | Broadway | Wabash Ave | n/o 15th St | \$737,100 | \$442,260 | \$0 | \$176,900 | \$235,900 | \$117,900 | \$117,900 | \$648,600 | \$1,830,000 |
| R19 | Broadway | n/o 15th St | Commercial St | \$2,392,900 | \$1,435,740 | \$0 | \$574,300 | \$765,700 | \$382,900 | \$382,900 | \$2,105,800 | \$5,930,000 |
| R20 | Broadway | Commercial St | 5th St | \$278,500 | \$167,100 | \$0 | \$66,800 | \$89,100 | \$44,600 | \$44,600 | \$245,100 | \$690,000 |
| R21 | Koster (US 101 SB) | Couplet Join | Del Norte | \$180,300 | \$108,180 | \$0 | \$43,300 | \$57,700 | \$28,800 | \$28,800 | \$158,600 | \$450,000 |
| R22 | Koster (US 101 SB) | Del Norte | Washington St | \$3,406,200 | \$2,043,720 | \$0 | \$817,500 | \$1,090,000 | \$545,000 | \$545,000 | \$2,997,500 | \$8,450,000 |
| R23 | US 101 SB (4th St Extensio | Broadway St | Washington St | \$8,562,800 | \$5,137,680 | \$850,000 | \$2,055,100 | \$2,740,100 | \$1,370,000 | \$1,370,000 | \$7,635,200 | \$22,090,000 |
| R24 | Class I Trail - North Conne | Broadway St | Waterfront Dr | \$738,300 | \$442,980 | \$350,000 | \$177,200 | \$236,300 | \$118,100 | \$118,100 | \$649,700 | \$2,180,000 |
| R25 | Broadway | Hawthorne St | 5th St | \$215,700 | \$129,420 | \$0 | \$51,800 | \$69,000 | \$34,500 | \$34,500 | \$189,800 | \$530,000 |
| R26 | Commercial St Extension | Broadway (US 101 NB) | Koster St (US 101 SB) | \$972,700 | \$583,620 | \$240,000 | \$233,400 | \$311,300 | \$155,600 | \$155,600 | \$855,900 | \$2,650,000 |
| 113 | Broadway | @ Hawthorne St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 114 | Broadway | @ Wabash Ave | | \$250,000 | \$150,000 | \$0 | \$60,000 | \$80,000 | \$40,000 | \$40,000 | \$220,000 | \$620,000 |
| 115 | Broadway | @ 15th St | | \$150,000 | \$90,000 | \$0 | \$36,000 | \$48,000 | \$24,000 | \$24,000 | \$132,000 | \$370,000 |
| 116 | Broadway | @ 14th St | | \$450,000 | \$270,000 | \$0 | \$108,000 | \$144,000 | \$72,000 | \$72,000 | \$396,000 | \$1,120,000 |
| 123 | Broadway | @ Washington St | | \$450,000 | \$270,000 | \$0 | \$108,000 | \$144,000 | \$72,000 | \$72,000 | \$396,000 | \$1,120,000 |
| 117 | Koster (US 101 SB) | @ Washington St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 118 | Koster (US 101 SB) | @ Clark St | | \$150,000 | \$90,000 | \$0 | \$36,000 | \$48,000 | \$24,000 | \$24,000 | \$132,000 | \$370,000 |
| 119 | Koster (US 101 SB) | @ Cedar St | | \$150,000 | \$90,000 | \$0 | \$36,000 | \$48,000 | \$24,000 | \$24,000 | \$132,000 | \$370,000 |
| 120 | Koster (US 101 SB) | @ 14th St | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| 121 | Koster (US 101 SB) | @ 15th St | | \$50,000 | \$30,000 | \$0 | \$12,000 | \$16,000 | \$8,000 | \$8,000 | \$44,000 | \$120,000 |
| 122 | Koster (US 101 SB) | @ Wabash Ave | | \$600,000 | \$360,000 | \$0 | \$144,000 | \$192,000 | \$96,000 | \$96,000 | \$528,000 | \$1,490,000 |
| TOTAL | | | | \$22,841,400 | \$13,704,840 | \$1,440,000 | \$5,482,000 | \$7,309,400 | \$3,654,500 | \$3,654,500 | \$20,100,400 | \$58,090,000 |
| TOTAL PROJECT COSTS (Rounded) | | | | | | | | | | | \$155,380,000 | |

Notes:
 1) A 40% contingency has been applied for these preliminary concepts (Typically a 30%-50% contingency is used by Caltrans when cost estimating in the Pre-PSR phase per Caltrans Cost Estimating Guidelines).
 2) Support Costs estimated at 35% - includes PA&E, PS&E, R/W Support, and Construction Support
 3) Existing R/W based on County GIS data.