

7.0 COST ESTIMATES

To aid in the planning for final design and project construction, concept level cost estimates were prepared for the engineering and construction of Scenario 2 corridors. The estimates should not be perceived as exact opinion of costs or guarantees of “worst case scenario”. However, an effort was made to be conservative with unit prices as appropriate. Cost estimates were provided for both Concept 2A and Concept 2B and are summarized by major work category (paving, pavement markings and signing, and traffic signal). Cost estimates are for materials provided by the City of Lincoln to contractors and construction bids. The estimates also include inflation for construction costs (2-year average at 4% per year) and contingency for the bid (25% over line item estimate due to the concept level drawings and downtown construction). To provide the total project cost, engineering design (12% of construction), city administrative costs to oversee the project (2% of construction), and construction engineering and testing (15% of construction) were included in the cost estimates. At this time, streetscape enhancements costs are not included. Estimates do not include mill and overlay costs, but are provided for decision making purposes in **Appendix I**.

7.1 Concept 2A

Concept 2A estimated cost is approximately \$11.88 million. **Table 11** summarizes the estimate for Concept 2A, as well as a breakdown by corridor. **Appendix I** contains an expanded estimate summary and a block-by-block breakdown which will also be electronically provided to the City.

Table 11. Concept 2A Cost Summary

Alternative 2A	Estimated Cost						
Category	11th Street	12th Street	13th Street	14th Street	M Street	N Street	Total
Paving	\$295,400.00	\$268,600.00	\$206,000.00	\$380,300.00	\$490,300.00	\$270,900.00	\$1,911,500.00
Pavement Markings and Signing	\$83,800.00	\$50,900.00	\$155,300.00	\$115,500.00	\$96,300.00	\$90,100.00	\$591,900.00
Traffic Signal	\$465,500.00	\$568,400.00	\$631,400.00	\$741,800.00	\$1,191,600.00	\$710,600.00	\$4,309,300.00
Streetscape* (Optional)	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
25% Contingency	\$211,200.00	\$222,000.00	\$248,200.00	\$309,400.00	\$444,600.00	\$267,900.00	\$1,703,300.00
Project Subtotal	\$1,055,900.00	\$1,109,900.00	\$1,240,900.00	\$1,547,000.00	\$2,222,800.00	\$1,339,500.00	\$8,516,000.00
Final Engineering Design (12%)	\$126,700.00	\$133,200.00	\$148,900.00	\$185,600.00	\$266,700.00	\$160,700.00	\$1,021,800.00
Estimated City Administrative Costs (2%)	\$21,100.00	\$22,200.00	\$24,800.00	\$30,900.00	\$44,500.00	\$26,800.00	\$170,300.00
Construction Engineering, Testing and CO Allowance (15%)	\$158,400.00	\$166,500.00	\$186,100.00	\$232,100.00	\$333,400.00	\$200,900.00	\$1,277,400.00
4% Inflation (2 yrs)	\$111,100.00	\$116,800.00	\$130,600.00	\$162,800.00	\$234,000.00	\$141,000.00	\$896,300.00
Total	\$1,473,200.00	\$1,548,600.00	\$1,731,300.00	\$2,158,400.00	\$3,101,400.00	\$1,868,900.00	\$11,881,800.00

* Streetscape is defined by greenspace beautification, plants, irrigation, or other miscellaneous items that may make the area more presentable.

7.2 Concept 2B

Concept 2B estimated cost is approximately \$8.95 million. **Table 12** summarizes the estimate for Concept 2B, as well as a breakdown by corridor. **Appendix I** contains an expanded estimate summary and a block-by-block breakdown which will also be electronically provided to the City.

Table 12. Concept 2B Cost Summary

Alternative 2B	Estimated Cost						
Category	11th Street	12th Street	13th Street	14th Street	M Street	N Street	Total
Paving	\$367,200.00	\$335,600.00	\$155,600.00	\$494,000.00	\$460,300.00	\$279,600.00	\$2,092,300.00
Pavement Markings and Signing	\$89,400.00	\$56,500.00	\$160,900.00	\$121,100.00	\$98,400.00	\$92,900.00	\$619,200.00
Traffic Signal	\$486,300.00	\$236,000.00	\$342,800.00	\$425,800.00	\$509,600.00	\$421,300.00	\$2,421,800.00
Streetscape* (Optional)	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
25% Contingency	\$235,700.00	\$157,000.00	\$164,800.00	\$260,200.00	\$267,100.00	\$198,500.00	\$1,283,300.00
Project Subtotal	\$1,178,600.00	\$785,100.00	\$824,100.00	\$1,301,100.00	\$1,335,400.00	\$992,300.00	\$6,416,600.00
Final Engineering Design (12%)	\$141,400.00	\$94,200.00	\$98,900.00	\$156,100.00	\$160,200.00	\$119,100.00	\$769,900.00
Estimated City Administrative Costs (2%)	\$23,600.00	\$15,700.00	\$16,500.00	\$26,000.00	\$26,700.00	\$19,800.00	\$128,300.00
Construction Engineering, Testing and CO Allowance (15%)	\$176,800.00	\$117,800.00	\$123,600.00	\$195,200.00	\$200,300.00	\$148,800.00	\$962,500.00
4% Inflation (2 yrs)	\$124,100.00	\$82,600.00	\$86,700.00	\$137,000.00	\$140,600.00	\$104,400.00	\$675,400.00
Total	\$1,644,500.00	\$1,095,400.00	\$1,149,800.00	\$1,815,400.00	\$1,863,200.00	\$1,384,400.00	\$8,952,700.00

* Streetscape is defined by greenspace beautification, plants, irrigation, or other miscellaneous items that may make the area more presentable.