

APPENDIX E
PLANNING LEVEL COST ESTIMATES AND RIGHT-OF-WAY IMPACT MAPS





Mill Terminal Corridor Study

Planning Cost Estimate

| Downtown Mill Segment | | | | | |
|---|------|---|---------------|------------------------|-------|
| Estimated Quantity | Unit | Description | Unit Price | Amount | Phase |
| 560 | LF | Lake Street Restriping | \$ 50.00 | \$ 28,000.00 | 1 |
| 1 | EA | Mill Street/Lake Street signal Modification and Bike Box Striping | \$ 15,000.00 | \$ 15,000.00 | 1 |
| 450 | LF | Lake Street to Wells Avenue Crosswalk Striping | \$ 10.00 | \$ 4,500.00 | 1 |
| 1400 | LF | Wells Avenue to Kirman Avenue Street Restriping | \$ 50.00 | \$ 70,000.00 | 1 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 50,000.00 | \$ 50,000.00 | 1 |
| 15000 | SF | Lake Street to Wells Avenue Widened Sidewalks (new 8 foot wide sidewalk) | \$ 8.00 | \$ 120,000.00 | 2 |
| 2100 | LF | Lake Street to Wells Avenue Replace Curb and Gutter | \$ 50.00 | \$ 105,000.00 | 2 |
| 15000 | SF | Wells Avenue to Kirman Avenue Widened Sidewalks (new 8 foot sidewalk) | \$ 8.00 | \$ 120,000.00 | 2 |
| 1850 | LF | Wells Avenue to Kirman Avenue Replace Curb and Gutter | \$ 50.00 | \$ 92,500.00 | 2 |
| 1 | EA | Mill Street/Holcomb Avenue Roundabout | \$ 200,000.00 | \$ 200,000.00 | 2 |
| 7000 | SF | Right of Way Acquisition (Additional ROW included above what is shown on Appendix E Figure 1 to account for shifting the roundabout north.) | \$ 75.00 | \$ 525,000.00 | 2 |
| 1 | EA | Mill Street/Kirman Avenue Roundabout | \$ 250,000.00 | \$ 250,000.00 | 2 |
| 35000 | SF | Right of Way Acquisition | \$ 75.00 | \$ 2,625,000.00 | 2 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 365,000.00 | \$ 365,000.00 | 2 |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 4,570,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 1,420,000.00 | |

| Renown Segment | | | | | |
|---|------|--|---------------|------------------------|-------|
| Estimated Quantity | Unit | Description | Unit Price | Amount | Phase |
| 1000 | LF | Kirman Avenue to Ryland Street Restriping | \$ 50.00 | \$ 50,000.00 | 1 |
| 1500 | LF | Ryland Street to Kietzke Lane Restriping | \$ 50.00 | \$ 75,000.00 | 1 |
| 15000 | SF | Remove and Replace Sidewalk | \$ 8.00 | \$ 120,000.00 | 1 |
| 700 | LF | Replace Curb and Gutter at Mill Street/Kietzke Lane (west side) | \$ 50.00 | \$ 35,000.00 | 1 |
| 1 | EA | Mill Street/Kietzke Lane Intersection Modifications to Accommodate New Turn Lanes/Restripe | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 11000 | SF | Right of Way Acquisition | \$ 75.00 | \$ 830,000.00 | 1 |
| 2 | EA | Upgraded Crosswalks (with Stutter Flash) | \$ 20,000.00 | \$ 40,000.00 | 1 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting (Includes Pickett Park Path) | \$ 320,000.00 | \$ 320,000.00 | 1 |
| 1 | EA | Mill Street/Ryland Street/Renown Regional Way Roundabout | \$ 350,000.00 | \$ 350,000.00 | 2 |
| 55025 | SF | Right of Way Acquisition | \$ 75.00 | \$ 4,130,000.00 | 2 |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 5,980,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 1,020,000.00 | |

| Reno Sparks Indian Colony Segment | | | | | |
|---|------|---|--------------|------------------------|-------|
| Estimated Quantity | Unit | Description | Unit Price | Amount | Phase |
| 15000 | SF | Remove and Replace Sidewalk | \$ 8.00 | \$ 120,000.00 | 1 |
| 3000 | SF | Paved Path to Market Street | \$ 8.00 | \$ 24,000.00 | 1 |
| 1 | EA | Upgraded Crosswalks (with Stutter Flash and Refuge Median) | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 60,000.00 | \$ 60,000.00 | 1 |
| 3000 | LF | Replace Curb and Gutter | \$ 50.00 | \$ 150,000.00 | 2 |
| 1500 | LF | Kietzke Lane to US 395 Southbound Ramps Restriping (including green bike lane in transition zone) | \$ 50.00 | \$ 75,000.00 | 2 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 70,000.00 | \$ 70,000.00 | 2 |
| 12000 | SF | Right of Way Acquisition | \$ 75.00 | \$ 900,000.00 | 2 |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 1,429,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 530,000.00 | |



| Mill East Industrial Segment | | | | | |
|---|------|--|---------------|----------------------|---|
| Estimated Quantity | Unit | Description | Unit Price | Amount | |
| 300 | LF | US 395 Northbound Ramps Intersection Restriping | \$ 50.00 | \$ 15,000.00 | 1 |
| 600 | LF | Mill Street/Terminal Way Intersection Restriping | \$ 50.00 | \$ 30,000.00 | 1 |
| 1 | EA | Signal Modification to Accommodate Restriping at Mill Street/US 395 NB Ramps | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 1 | EA | Signal Modification to Accommodate Restriping at Mill Street/Terminal Way | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 10000 | SF | Remove and Replace Sidewalk | \$ 8.00 | \$ 80,000.00 | 1 |
| 500 | LF | Replace Curb and Gutter | \$ 50.00 | \$ 25,000.00 | 1 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 100,000.00 | \$ 100,000.00 | 1 |
| 5000 | SF | Right of Way Acquisition | \$ 75.00 | \$ 375,000.00 | 1 |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 685,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 310,000.00 | |

| Terminal Industrial/Office Segment | | | | | |
|---|------|---|--------------|----------------------|---|
| Estimated Quantity | Unit | Description | Unit Price | Amount | |
| 1 | EA | Upgraded Crosswalk (with Stutter Flash) | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 40,000.00 | \$ 40,000.00 | 2 |
| 20000 | SF | Remove and Replace Sidewalk | \$ 8.00 | \$ 160,000.00 | 2 |
| 500 | LF | Replace Curb and Gutter | \$ 50.00 | \$ 25,000.00 | 2 |
| 1600 | LF | Restripe segment to provide min. 5 foot wide bike lane by reducing lane widths. | \$ 50.00 | \$ 80,000.00 | 2 |
| 0 | SF | Right of Way Acquisition | \$ 75.00 | \$ - | |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 335,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 640,000.00 | |

| Terminal Airport Segment | | | | | |
|---|------|--|---------------|----------------------|---|
| Estimated Quantity | Unit | Description | Unit Price | Amount | |
| 600 | LF | Phase 1 Restriping at Terminal Way/Villanova and Terminal Way/Plumb Lane | \$ 60.00 | \$ 36,000.00 | 1 |
| 4500 | SF | Install new sidewalk and curb/gutter related to westbound "sweeping" right-turn lane removal | \$ 30.00 | \$ 135,000.00 | 1 |
| 1 | EA | Upgraded Crosswalks (with Stutter Flash) | \$ 30,000.00 | \$ 30,000.00 | 1 |
| 30000 | SF | Remove and Replace Sidewalk | \$ 8.00 | \$ 240,000.00 | 2 |
| 1000 | LF | Replace Curb and Gutter | \$ 50.00 | \$ 50,000.00 | 2 |
| 1 | EA | Landscaping, Street Furniture, Art, and Lighting | \$ 105,000.00 | \$ 105,000.00 | 2 |
| 2600 | LF | Restripe segment to provide min. 5 foot wide bike lane by reducing lane widths. | \$ 50.00 | \$ 130,000.00 | 2 |
| 0 | SF | Right of Way Acquisition | \$ 75.00 | \$ - | |
| TOTAL COST (Including ROW Acquisition) | | | | \$ 726,000.00 | |
| TOTAL COST (Excluding ROW Acquisition) | | | | \$ 726,000.00 | |

Note: All ROW square footage estimates are rounded up to provide a conservative estimate.

TOTAL COST (Including ROW Acquisition) \$ 13,725,000
TOTAL COST (Excluding ROW Acquisition) \$ 4,646,000











