

Planning-Level Capital Cost Estimates

SR 94 Freeway Cap Park Feasibility

Compilation of Project Materials

Part of the Freeway Cap Best Practices & SR 94 Cap Park Study



Planning-Level Capital Cost Estimate for SR 94 Freeway Cap: Full Project

Freeway Cap Best Practices & SR-94 Cap Park Study (2016)

| Category | Item | Quantity | Unit | Unit Price | Item Cost | Description / Remarks | Subtotal Range | |
|---|--|----------|---------------|---------------|---|--|----------------|----------------|
| | | | | | | | Low | High |
| Roadway | Excavation & Backfill | 49,820 | CY | \$ 75 | \$ 3,736,500 | Outside retaining wall along F & G Streets | | |
| | Clearing & Grubbing | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Pavement (6" Depth) | 2,810 | Ton | \$ 150 | \$ 421,500 | Along F & G Streets | | |
| | PCC Sidewalk | 12,960 | SF | \$ 50 | \$ 648,000 | Along F & G Streets | | |
| | Curb & Gutter | 2,160 | LF | \$ 40 | \$ 86,400 | Along F & G Streets | | |
| | Drainage Outside Deck | 1 | LS | \$ 500,000 | \$ 500,000 | | | |
| | Barriers & Guard Rails | 1 | LS | \$ 300,000 | \$ 300,000 | On SR 94 | | |
| | Erosion Control | 1 | LS | \$ 300,000 | \$ 300,000 | | | |
| | Water Pollution Control | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Environmental Mitigation | 1 | LS | \$ 1,000,000 | \$ 1,000,000 | | | |
| Fire-Life Safety | 1 | LS | \$ 10,000,000 | \$ 10,000,000 | Tunnel ventilation, sprinklers, alarm, etc. | \$ 17,392,400 | \$ 17,392,400 | |
| Traffic | Lighting | 1 | LS | \$ 500,000 | \$ 500,000 | Tunnel only | | |
| | Overhead and VMS Signage | 1 | LS | \$ 600,000 | \$ 600,000 | Tunnel only | | |
| | Traffic Management Plan | 1 | LS | \$ 3,000,000 | \$ 3,000,000 | | | |
| | Traffic Signals (Local Streets) | 0 | EA | \$ 250,000 | \$ - | | | |
| | Multimodal Improvements | 2 | EA | \$ 150,000 | \$ 300,000 | Bulb-outs etc. at 24th Street | | |
| Side Road Improvements | 1 | LS | \$ 1,000,000 | \$ 1,000,000 | | \$ 5,400,000 | \$ 5,400,000 | |
| Right-of-Way | Acquisition | 0 | LS | \$ - | \$ - | | | |
| | Utility Relocation | 1 | LS | \$ 200,000 | \$ 200,000 | Along frontage street to deck | | |
| | Title/Escrow/Fees | 1 | LS | \$ 50,000 | \$ 50,000 | | \$ 250,000 | \$ 250,000 |
| Deck Amenities & Landscaping ² | Hardscape (25% of Deck Structure Area) | 61,020 | SF | \$ 15 | \$ 915,300 | Enhanced paving areas and event plazas | | |
| | Lawn (60% of Deck Structure Area) | 146,448 | SF | \$ 25 | \$ 3,661,200 | Lawn areas or multi-purpose use areas in raised planters | | |
| | Trees (15% of Deck Structure Area) | 36,612 | SF | \$ 35 | \$ 1,281,420 | Canopy or theme trees in raised planters | | |
| | Edge Landscaping (100% of Backfill Area) | 101,520 | SF | \$ 20 | \$ 2,030,400 | Streetscape treatment along F & G Streets, in backfill area outside retaining wall | | |
| | Additional Amenities | 1 | LS | \$ 10,000,000 | \$ 10,000,000 | Potential additional amenities e.g. water feature, vending kiosks, picnic facilities, etc. | | |
| | Lighting/Security/Life Safety | 1 | LS | \$ 2,000,000 | \$ 2,000,000 | | \$ 19,888,320 | \$ 19,888,320 |
| Structure | Deck Structure Cost Range (Low) | 244,080 | SF | \$ 400 | \$ 97,632,000 | Cost range \$400-\$750 per SF of deck | \$ 97,632,000 | |
| | Deck Structure Cost Range (High) | 244,080 | SF | \$ 750 | \$ 183,060,000 | Cost range \$400-\$750 per SF of deck | | \$ 183,060,000 |

Key Assumptions & Notes

- SR 94 Express Lanes project will construct new 22nd & 25th St bridges that are designed to accommodate tunnel ventilation systems and include intersection improvements.
- Unit costs of deck amenities & landscaping based on recent costs of "green roof" elements.
- Mobilization & contingency apply to all categories except right-of-way.

Area Calculations

Deck Structure Area: Inside Retaining Wall Above SR 94

| | | | |
|---------------------|--------------|------------|---------------------|
| West Cap | 420 | 226 | 94,920 sqft |
| 24th St | 40 | 226 | 9,040 sqft |
| East Cap | 620 | 226 | 140,120 sqft |
| Full Project | 1,080 | 226 | 244,080 sqft |

Backfill Area: Outside Retaining Wall Along F & G Streets

| | | | |
|---------------------|--------------|-----------|---------------------|
| West Cap | 420 | 94 | 39,480 sqft |
| 24th St | 40 | 94 | 3,760 sqft |
| East Cap | 620 | 94 | 58,280 sqft |
| Full Project | 1,080 | 94 | 101,520 sqft |

Total Cap Area (Structure + Backfill)

| | | | |
|---------------------|--------------|------------|---------------------|
| West Cap | 420 | 320 | 134,400 sqft |
| 24th St | 40 | 320 | 12,800 sqft |
| East Cap | 620 | 320 | 198,400 sqft |
| Full Project | 1,080 | 320 | 345,600 sqft |

| | | | |
|--|-----------------------|-----------|-----------------------|
| Mobilization (10%) ³ | \$ 14,051,000 | to | \$ 22,594,000 |
| Contingency (25%) ³ | \$ 35,128,000 | to | \$ 56,485,000 |
| Total Construction Cost (2016) | \$ 189,742,000 | to | \$ 305,070,000 |
| Construction Administration (15%) | \$ 28,461,000 | to | \$ 45,761,000 |
| Planning & Design (20%) | \$ 37,948,000 | to | \$ 61,014,000 |
| Agency Administration (20%) | \$ 37,948,000 | to | \$ 61,014,000 |
| Total Project Capital Cost (2016) | \$ 294,099,000 | to | \$ 472,859,000 |
| Total Project Capital Cost (2016, Rounded to Nearest 5 Million) | \$ 295 million | to | \$ 475 million |

Cap Elements

| | | | |
|----------------------------------|-----------------------|-----------|-----------------------|
| Construction Cost | | | |
| West Cap | \$ 75 million | to | \$ 120 million |
| 24th St | \$ 5 million | | |
| East Cap | \$ 110 million | to | \$ 175 million |
| Sum of Construction Cost | \$ 190 million | to | \$ 295 million |
| Total Capital Cost | | | |
| West Cap | \$ 115 million | to | \$ 185 million |
| 24th St | \$ 7.5 million | | |
| East Cap | \$ 170 million | to | \$ 275 million |
| Sum of Total Capital Cost | \$ 295 million | to | \$ 460 million |

Planning-Level Capital Cost Estimate for SR 94 Freeway Cap: West Element

Freeway Cap Best Practices & SR-94 Cap Park Study (2016)

| Category | Item | Quantity | Unit | Unit Price | Item Cost | Description / Remarks | Subtotal Range | |
|---|--|----------|------|--------------|---------------|--|----------------|---------------|
| | | | | | | | Low | High |
| Roadway | Excavation & Backfill | 19,380 | CY | \$ 75 | \$ 1,453,500 | Outside retaining wall along F & G Streets | | |
| | Clearing & Grubbing | 1 | LS | \$ 100,000 | \$ 100,000 | | | |
| | Pavement (6" Depth) | 1,100 | Ton | \$ 150 | \$ 165,000 | Along F & G Streets | | |
| | PCC Sidewalk | 5,040 | SF | \$ 50 | \$ 252,000 | Along F & G Streets | | |
| | Curb & Gutter | 840 | LF | \$ 40 | \$ 33,600 | Along F & G Streets | | |
| | Drainage Outside Deck | 1 | LS | \$ 250,000 | \$ 250,000 | | | |
| | Barriers & Guard Rails | 1 | LS | \$ 150,000 | \$ 150,000 | On SR 94 | | |
| | Erosion Control | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Water Pollution Control | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Environmental Mitigation | 1 | LS | \$ 500,000 | \$ 500,000 | | | |
| | Fire-Life Safety | 1 | LS | \$ 2,000,000 | \$ 2,000,000 | Tunnel sprinklers, alarm, etc. | \$ 5,304,100 | \$ 5,304,100 |
| Traffic | Lighting | 1 | LS | \$ 250,000 | \$ 250,000 | Tunnel only | | |
| | Overhead and VMS Signage | 1 | LS | \$ 300,000 | \$ 300,000 | Tunnel only | | |
| | Traffic Management Plan | 1 | LS | \$ 2,000,000 | \$ 2,000,000 | | | |
| | Traffic Signals (Local Streets) | 0 | EA | \$ 250,000 | \$ - | | | |
| | Multimodal Improvements | 0 | EA | \$ 150,000 | \$ - | | | |
| | Side Road Improvements | 1 | LS | \$ 500,000 | \$ 500,000 | | \$ 3,050,000 | \$ 3,050,000 |
| Right-of-Way | Acquisition | 0 | LS | \$ - | \$ - | | | |
| | Utility Relocation | 1 | LS | \$ 100,000 | \$ 100,000 | Along frontage street to deck | | |
| | Title/Escrow/Fees | 1 | LS | \$ 25,000 | \$ 25,000 | | \$ 125,000 | \$ 125,000 |
| Deck Amenities & Landscaping ² | Hardscape (25% of Deck Structure Area) | 23,730 | SF | \$ 15 | \$ 355,950 | Enhanced paving areas and event plazas | | |
| | Lawn (60% of Deck Structure Area) | 56,952 | SF | \$ 25 | \$ 1,423,800 | Lawn areas or multi-purpose use areas in raised planters | | |
| | Trees (15% of Deck Structure Area) | 14,238 | SF | \$ 35 | \$ 498,330 | Canopy or theme trees in raised planters | | |
| | Edge Landscaping (100% of Backfill Area) | 39,480 | SF | \$ 20 | \$ 789,600 | Streetscape treatment along F & G Streets, in backfill area outside retaining wall | | |
| | Additional Amenities | 1 | LS | \$ 5,000,000 | \$ 5,000,000 | Potential additional amenities e.g. water feature, vending kiosks, picnic facilities, etc. | | |
| | Lighting/Security/Life Safety | 1 | LS | \$ 1,000,000 | \$ 1,000,000 | | \$ 9,067,680 | \$ 9,067,680 |
| Structure | Deck Structure Cost Range (Low) | 94,920 | SF | \$ 400 | \$ 37,968,000 | Cost range \$400-\$750 per SF of deck | \$ 37,968,000 | |
| | Deck Structure Cost Range (High) | 94,920 | SF | \$ 750 | \$ 71,190,000 | Cost range \$400-\$750 per SF of deck | | \$ 71,190,000 |

Key Assumptions & Notes

- SR 94 Express Lanes project will construct new 22nd & 25th St bridges that are designed to accommodate tunnel ventilation systems and include intersection improvements.
- Unit costs of deck amenities & landscaping based on recent costs of "green roof" elements.
- Mobilization & contingency apply to all categories except right-of-way.

Area Calculations

Deck Structure Area: Inside Retaining Wall Above SR 94

| West Cap | 420 | 226 | 94,920 sqft |
|--------------|-------|-----|--------------|
| 24th St | 40 | 226 | 9,040 sqft |
| East Cap | 620 | 226 | 140,120 sqft |
| Full Project | 1,080 | 226 | 244,080 sqft |

| | | | |
|--|-----------------------|-----------|-----------------------|
| Mobilization (10%) ³ | \$ 5,549,000 | to | \$ 8,871,000 |
| Contingency (25%) ³ | \$ 13,872,000 | to | \$ 22,178,000 |
| Total Construction Cost (2016) | \$ 74,936,000 | to | \$ 119,786,000 |
| Construction Administration (15%) | \$ 11,240,000 | to | \$ 17,968,000 |
| Planning & Design (20%) | \$ 14,987,000 | to | \$ 23,957,000 |
| Agency Administration (20%) | \$ 14,987,000 | to | \$ 23,957,000 |
| Total Project Capital Cost (2016) | \$ 116,150,000 | to | \$ 185,668,000 |
| Total Project Capital Cost (2016, Rounded to Nearest 5 Million) | \$ 115 million | to | \$ 185 million |

Planning-Level Capital Cost Estimate for SR 94 Freeway Cap: 24th Street Element

Freeway Cap Best Practices & SR-94 Cap Park Study (2016)

| Category | Item | Quantity | Unit | Unit Price | Item Cost | Description / Remarks | Subtotal |
|---|--|----------|------|---------------|--------------|--|--------------|
| Roadway | Excavation & Backfill | 1,850 | CY | \$ 75 | \$ 138,750 | Outside retaining wall along F & G Streets | \$ 158,750 |
| | Clearing & Grubbing | 1 | LS | \$ 20,000 | \$ 20,000 | | |
| | Pavement (6" Depth) | 0 | Ton | \$ 150 | \$ - | Along F & G Streets | |
| | PCC Sidewalk | 0 | SF | \$ 50 | \$ - | Along F & G Streets | |
| | Curb & Gutter | 0 | LF | \$ 40 | \$ - | Along F & G Streets | |
| | Drainage Outside Deck | 0 | LS | \$ 500,000 | \$ - | | |
| | Barriers & Guard Rails | 0 | LS | \$ 300,000 | \$ - | On SR 94 | |
| | Erosion Control | 0 | LS | \$ 300,000 | \$ - | | |
| | Water Pollution Control | 0 | LS | \$ 200,000 | \$ - | | |
| | Environmental Mitigation | 0 | LS | \$ 1,000,000 | \$ - | | |
| | Fire-Life Safety | 0 | LS | \$ 10,000,000 | \$ - | Tunnel ventilation, sprinklers, alarm, etc. | |
| Traffic | Lighting | 0 | LS | \$ 500,000 | \$ - | Tunnel only | \$ - |
| | Overhead and VMS Signage | 0 | LS | \$ 600,000 | \$ - | Tunnel only | |
| | Traffic Management Plan | 0 | LS | \$ 3,000,000 | \$ - | | |
| | Traffic Signals (Local Streets) | 0 | EA | \$ 250,000 | \$ - | | |
| | Multimodal Improvements | 0 | EA | \$ 150,000 | \$ - | Bulb-outs etc. at 24th Street | |
| | Side Road Improvements | 0 | LS | \$ 1,000,000 | \$ - | | |
| Right-of-Way | Acquisition | 0 | LS | \$ - | \$ - | | \$ - |
| | Utility Relocation | 0 | LS | \$ 200,000 | \$ - | Along frontage street to deck | |
| | Title/Escrow/Fees | 0 | LS | \$ 50,000 | \$ - | | |
| Deck Amenities & Landscaping ² | Hardscape (90% of Deck Structure Area) | 8,136 | SF | \$ 15 | \$ 122,040 | Enhanced paving areas and event plazas | \$ 260,080 |
| | Lawn (0% of Deck Structure Area) | 0 | SF | \$ 25 | \$ - | Lawn areas or multi-purpose use areas in raised planters | |
| | Trees (10% of Deck Structure Area) | 904 | SF | \$ 35 | \$ 31,640 | Canopy or theme trees in raised planters | |
| | Edge Hardscape (100% of Backfill Area) | 3,760 | SF | \$ 15 | \$ 56,400 | Streetscape treatment along F & G Streets, in backfill area outside retaining wall | |
| | Additional Amenities | 1 | LS | \$ - | \$ - | | |
| | Lighting/Security/Life Safety | 1 | LS | \$ 50,000 | \$ 50,000 | | |
| Structure | Cost Range (Low) | 9,040 | SF | \$ 350 | \$ 3,164,000 | Cost range \$350-\$750 per SF | \$ 3,164,000 |
| | Cost Range (High) | 9,040 | SF | \$ - | \$ - | Cost range \$350-\$750 per SF | |

Key Assumptions & Notes

- SR 94 Express Lanes project will construct new 22nd & 25th St bridges that are designed to accommodate tunnel ventilation systems and include intersection improvements.
- Unit costs of deck amenities & landscaping based on recent costs of "green roof" elements.
- Mobilization & contingency apply to all categories except right-of-way.

Area Calculations

Deck Structure Area: Inside Retaining Wall Above SR 94

| | | | | |
|----------------|-----------|------------|--------------|-------------|
| West Cap | 420 | 226 | 94,920 | sqft |
| 24th St | 40 | 226 | 9,040 | sqft |
| East Cap | 620 | 226 | 140,120 | sqft |
| Full Project | 1,080 | 226 | 244,080 | sqft |

| | |
|--|-----------------------|
| Mobilization (10%) ³ | \$ 358,000 |
| Contingency (25%) ³ | \$ 896,000 |
| Total Construction Cost (2016) | \$ 4,837,000 |
| Construction Administration (15%) | \$ 726,000 |
| Planning & Design (20%) | \$ 967,000 |
| Agency Administration (20%) | \$ 967,000 |
| Total Project Capital Cost (2016) | \$ 7,497,000 |
| Total Project Capital Cost (2016, Rounded to Nearest 5 Million) | \$ 7.5 million |

Planning-Level Capital Cost Estimate for SR 94 Freeway Cap: East Element

Freeway Cap Best Practices & SR-94 Cap Park Study (2016)

| Category | Item | Quantity | Unit | Unit Price | Item Cost | Description / Remarks | Subtotal Range | |
|---|---|----------|------|--------------|----------------|--|----------------|----------------|
| | | | | | | | Low | High |
| Roadway | Excavation & Backfill | 28,610 | CY | \$ 75 | \$ 2,145,750 | Outside retaining wall along F & G Streets | | |
| | Clearing & Grubbing | 1 | LS | \$ 100,000 | \$ 100,000 | | | |
| | Pavement (6" Depth) | 1,620 | Ton | \$ 150 | \$ 243,000 | Along F & G Streets | | |
| | PCC Sidewalk | 7,440 | SF | \$ 50 | \$ 372,000 | Along F & G Streets | | |
| | Curb & Gutter | 1,240 | LF | \$ 40 | \$ 49,600 | Along F & G Streets | | |
| | Drainage Outside Deck | 1 | LS | \$ 250,000 | \$ 250,000 | | | |
| | Barriers & Guard Rails | 1 | LS | \$ 150,000 | \$ 150,000 | On SR 94 | | |
| | Erosion Control | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Water Pollution Control | 1 | LS | \$ 200,000 | \$ 200,000 | | | |
| | Environmental Mitigation | 1 | LS | \$ 500,000 | \$ 500,000 | | | |
| | Fire-Life Safety | 1 | LS | \$ 8,000,000 | \$ 8,000,000 | Tunnel ventilation, sprinklers, alarm, etc. | \$ 12,210,350 | \$ 12,210,350 |
| Traffic | Lighting | 1 | LS | \$ 250,000 | \$ 250,000 | Tunnel only | | |
| | Overhead and VMS Signage | 1 | LS | \$ 300,000 | \$ 300,000 | Tunnel only | | |
| | Traffic Management Plan | 1 | LS | \$ 2,000,000 | \$ 2,000,000 | | | |
| | Traffic Signals (Local Streets) | 0 | EA | \$ 250,000 | \$ - | | | |
| | Multimodal Improvements | 0 | EA | \$ 150,000 | \$ - | | | |
| | Side Road Improvements | 1 | LS | \$ 500,000 | \$ 500,000 | | \$ 3,050,000 | \$ 3,050,000 |
| Right-of-Way | Acquisition | 0 | LS | \$ - | \$ - | | | |
| | Utility Relocation | 1 | LS | \$ 100,000 | \$ 100,000 | Along frontage street to deck | | |
| | Title/Escrow/Fees | 1 | LS | \$ 25,000 | \$ 25,000 | | \$ 125,000 | \$ 125,000 |
| Deck Amenities & Landscaping ² | Hardscape (25% of Deck Structure Area) | 35,030 | SF | \$ 15 | \$ 525,450 | Enhanced paving areas and event plazas | | |
| | Lawn (60% of Deck Structure Area) | 84,072 | SF | \$ 25 | \$ 2,101,800 | Lawn areas or multi-purpose use areas in raised planters | | |
| | Trees (15% of Deck Structure Area) | 21,018 | SF | \$ 35 | \$ 735,630 | Canopy or theme trees in raised planters | | |
| | Edge Landscaping (100% of Backfill Area) | 58,280 | SF | \$ 20 | \$ 1,165,600 | Streetscape treatment along F & G Streets, in backfill area outside retaining wall | | |
| | Additional Amenities | 1 | LS | \$ 5,000,000 | \$ 5,000,000 | Potential additional amenities e.g. water feature, vending kiosks, picnic facilities, etc. | | |
| | Lighting/Security/Life Safety | 1 | LS | \$ 1,000,000 | \$ 1,000,000 | | \$ 10,528,480 | \$ 10,528,480 |
| Structure | Deck Structure Cost Range (Low) | 140,120 | SF | \$ 400 | \$ 56,048,000 | Cost range \$400-\$750 per SF of deck | \$ 56,048,000 | |
| | Deck Structure Cost Range (High) | 140,120 | SF | \$ 750 | \$ 105,090,000 | Cost range \$400-\$750 per SF of deck | | \$ 105,090,000 |

Key Assumptions & Notes

- SR 94 Express Lanes project will construct new 22nd & 25th St bridges that are designed to accommodate tunnel ventilation systems and include intersection improvements.
- Unit costs of deck amenities & landscaping based on recent costs of "green roof" elements.
- Mobilization & contingency apply to all categories except right-of-way.

Area Calculations

Deck Structure Area: Inside Retaining Wall Above SR 94

| | | | | |
|-----------------|------------|------------|----------------|-------------|
| West Cap | 420 | 226 | 94,920 | sqft |
| 24th St | 40 | 226 | 9,040 | sqft |
| East Cap | 620 | 226 | 140,120 | sqft |
| Full Project | 1,080 | 226 | 244,080 | sqft |

| | | | |
|--|-----------------------|-----------|-----------------------|
| Mobilization (10%) ³ | \$ 8,184,000 | to | \$ 13,088,000 |
| Contingency (25%) ³ | \$ 20,459,000 | to | \$ 32,720,000 |
| Total Construction Cost (2016) | \$ 110,605,000 | to | \$ 176,812,000 |
| Construction Administration (15%) | \$ 16,591,000 | to | \$ 26,522,000 |
| Planning & Design (20%) | \$ 22,121,000 | to | \$ 35,362,000 |
| Agency Administration (20%) | \$ 22,121,000 | to | \$ 35,362,000 |
| Total Project Capital Cost (2016) | \$ 171,438,000 | to | \$ 274,058,000 |
| Total Project Capital Cost (2016, Rounded to Nearest 5 Million) | \$ 170 million | to | \$ 275 million |

Planning-Level Operations & Maintenance Cost Estimate

SR 94 Freeway Cap Park Feasibility

Compilation of Project Materials

Part of the Freeway Cap Best Practices & SR 94 Cap Park Study



Planning-Level O&M Cost Estimate for SR 94 Freeway Cap: Full Project

Freeway Cap Best Practices & SR-94 Cap Park Study (2016)

| Category | Element | Description / Remarks | Quantity | Unit | Unit Price | Annual Cost | Totals |
|---|----------------------------|--|----------|------|------------|--|-------------------|
| Structural & Roadway ¹ | Decking | Inspection & repair | 244,080 | SF | \$ 0.50 | \$ 122,040 | \$ 397,040 |
| | Tunnel Lighthing | Inspection & repair | 1 | LS | \$ 25,000 | \$ 25,000 | |
| | OH/VMS/CCTV System | Inspection & repair | 1 | LS | \$ 20,000 | \$ 20,000 | |
| | Fire-Life Safety System | Inspection & repair | 1 | LS | \$ 30,000 | \$ 30,000 | |
| | Operation Personnel | 1 person (two shift) | 1 | LS | \$ 200,000 | \$ 200,000 | |
| Deck Amenities & Landscaping ² | Open Park Areas | Open space areas with modest improvements such as tables, trash receptacles, & small hardscape areas. Includes water/irrigation. | 7.934 | AC | \$ 12,000 | \$ 95,207 | \$ 395,207 |
| | Additional Park Amenities | Additional park amenities such as playgrounds, picnic areas, and dog runs. | 2 | EA | \$ 25,000 | \$ 50,000 | |
| | Set of Restroom Facilities | Restrooms optional. Not in concept drawing but provided here for informational purposes. | 2 | EA | \$ 60,000 | \$ 120,000 | |
| | Water Features | | 2 | EA | \$ 60,000 | \$ 120,000 | |
| | Community Garden | Costs typically shared by community | 1 | EA | \$ 10,000 | \$ 10,000 | |
| | | | | | | Subtotal (Rounded) | \$ 792,000 |
| | | | | | | Contingency (25%) | \$ 198,000 |
| | | | | | | Total Annual O&M Cost (2016, Rounded) | \$ 990,000 |

Key Assumptions & Notes

1. Unit prices of Structural & Roadway elements based on recent average costs of similar facilities.

2. Unit price of Open Park Areas based on Teralta Park freeway cap over SR-15. Unit prices of other elements based on City of San Diego staff estimates of similar facilities citywide.