

Attachment 9_Cost Estimates

Project Description-Alternative 1

BAACS Alternative 1 proposes a new full speed 2-lane facility, west of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading westerly, then heading northerly, west of Red Hill and east of Ed Powers Road, re-connecting to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 would direct through trucks along this new route.

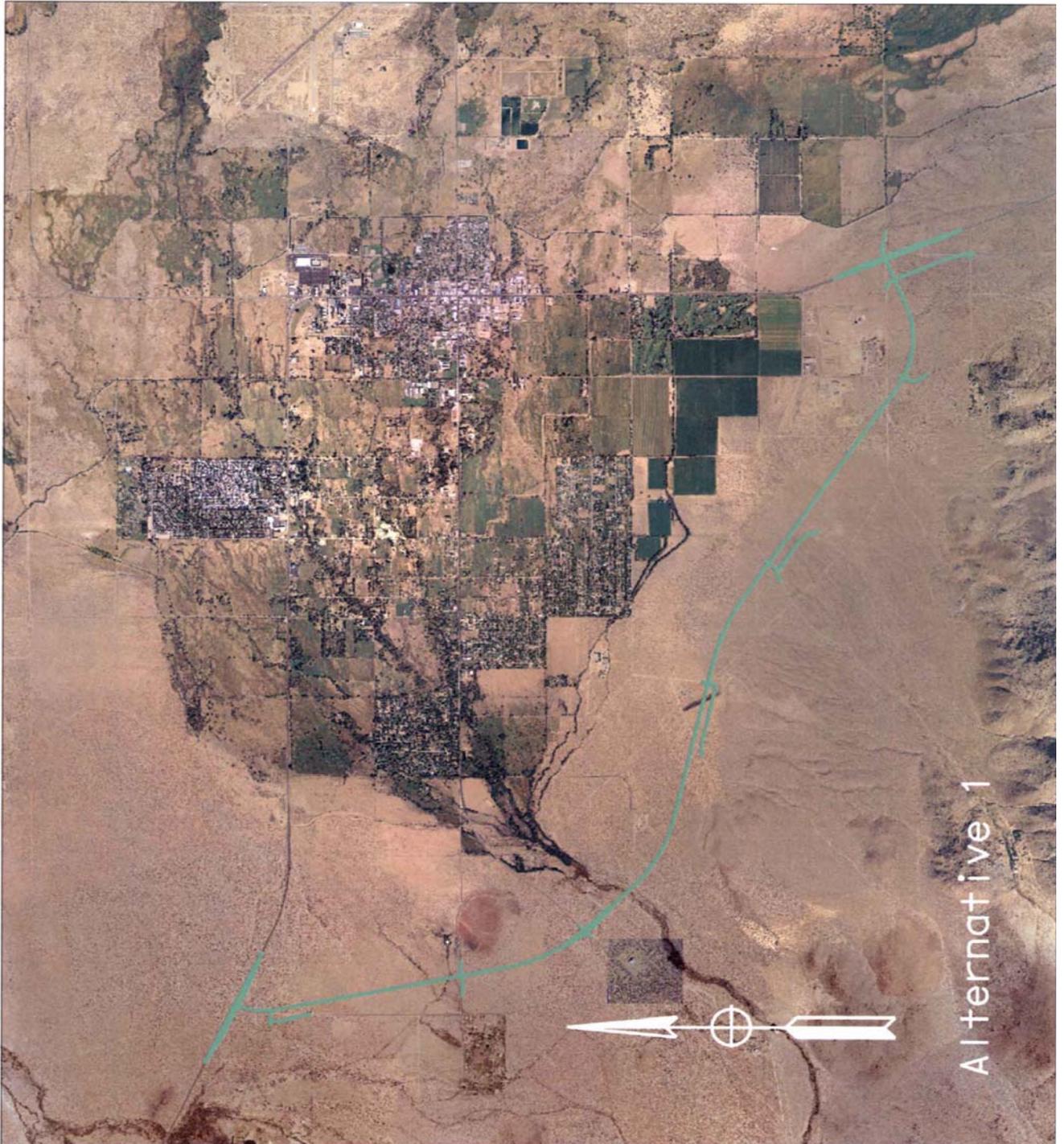
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$39,204,900 |
| Right of Way Costs | \$2,966,300 to \$4,746,300 |
| TOTAL | \$42,171,200 to \$43,951,200 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 134000 | M3 | \$ 15.00 | \$ 2,010,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 93,000 |
| Develop Water Supply | | LS | | \$ 75,000 |

Subtotal Section 1 \$ 2,178,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|--------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 101400 | TONN | \$ 85 | \$ 8,619,000 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 31500 | M2 | \$ 5 | \$ 157,500 |
| Aggregate Base | 29400 | M3 | \$ 45 | \$ 1,323,000 |
| Incentive for QC/QA | | LS | 4%AC | \$ 344,760 |

Subtotal Section 2 \$ 10,444,260

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 9,148,830 |

Subtotal Section 3 \$ 9,148,830

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 37,000 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | |
| Erosion Control | | LS | | \$ 174,600 |
| Duff | 36 | HA | 3600 | \$ 129,600 |
| Water Pollution Control | | LS | | \$ 166,700 |
| RE Office Space | | LS | | \$ 92,600 |
| Fencing | 25800 | M | 17 | \$ 438,600 |
| Remove Base and Surfacing | 15470 | M3 | 30 | \$ 464,100 |
| Shoulder Backing | 90 | M3 | 50 | \$ 4,500 |
| Bladed Dirt Road | 1110 | M | 20 | \$ 22,200 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 2,854,900

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 92,000 |
| Traffic Delineation Items | 61900 | M | 0.6 | \$ 37,140 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 285,200 |
| Traffic Control Systems | | LS | | \$ 148,200 |
| Transportation Management Plan | | LS | | \$ 166,700 |
| Rumble Strip | 350 | Sta | 250 | \$ 87,500 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 831,740

Section 6. Minor Items

$$\frac{\$ 25,457,730}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,545,773$$

Subtotal Section 6 \$ 2,545,773

Section 7. Roadway Mobilization

$$\frac{\$ 28,003,503}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 2,800,350$$

Subtotal Section 7 \$ 2,800,350

Section 8. Roadway Additions

Supplemental Work $\frac{\$ 28,003,503}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,800,350$

Contingencies $\frac{\$ 28,003,503}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 5,600,701$

Subtotal Section 8 \$ 8,401,051

TOTAL ROADWAY ITEMS \$ **39,204,900**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|----------------------------------|
| Acquisition | \$ 835,091 |
| Mitigation-Wetland Purchase | \$ 220,000 to 2,000,000 |
| Utility Relocation (State's Share) | \$ 1,872,200 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| Total | \$ 2,928,291 to 4,708,291 |

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|------------------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |
| Total | \$ 38,000 |

TOTAL R/W+SUPPORT COSTS \$ **2,966,300 to 4,746,300**

Project Description-Alternative 2

BAACS Alternative 2 proposes a new full speed 2-lane facility, west of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading westerly, then heading northerly east of Red Hill and Ed Powers Road and west of Otey Road, re-connecting to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 would direct through trucks along this new route.

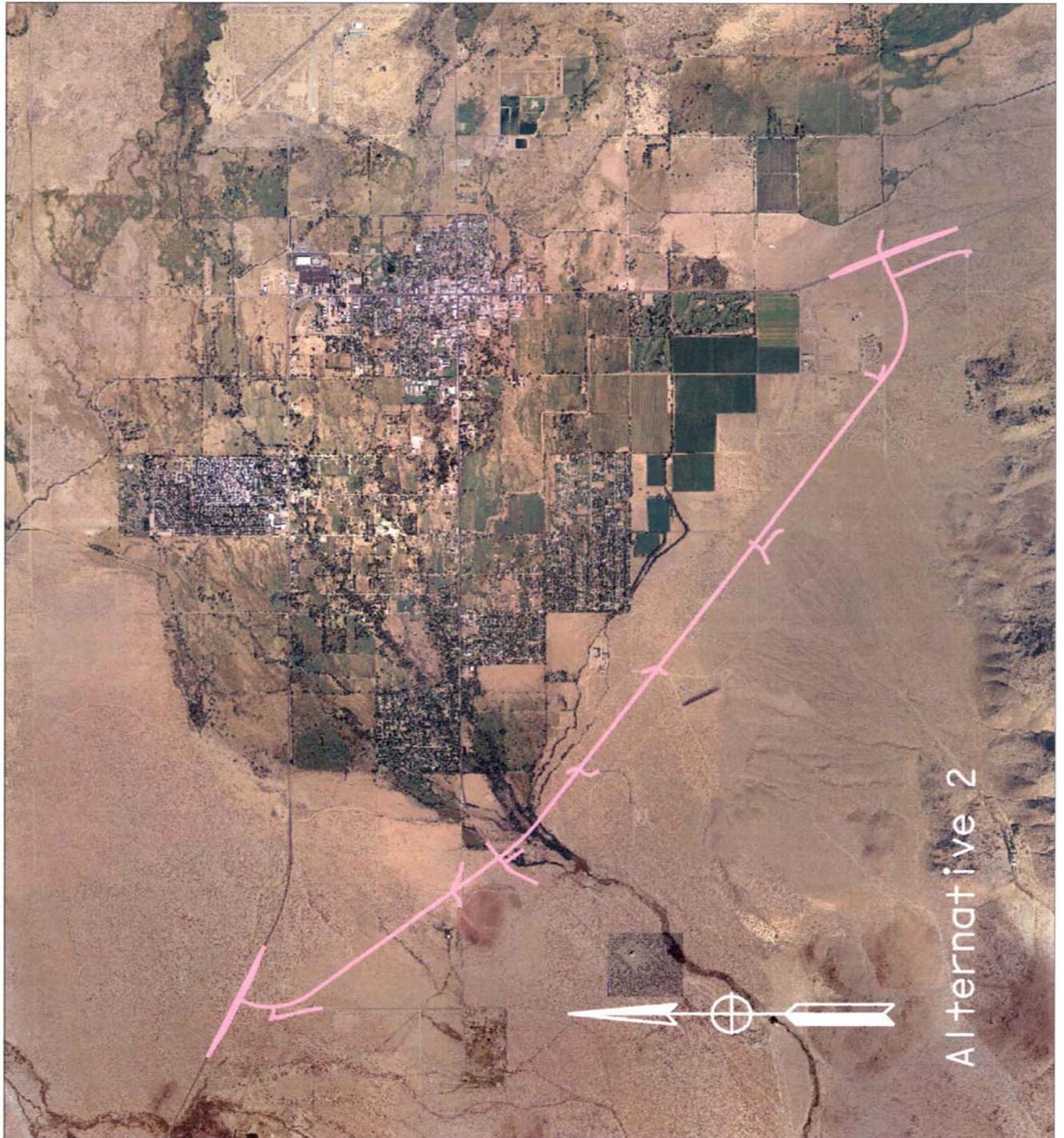
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$35,439,300 |
| Right of Way Costs | \$2,276,200 to \$5,230,200 |
| TOTAL | \$37,715,500 to \$40,669,500 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 163000 | M3 | \$ 15.00 | \$ 2,445,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 90,000 |
| Develop Water Supply | | LS | | \$ 77,000 |

Subtotal Section 1 \$ 2,612,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|---------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 120200 | TONN | \$ 85 | \$ 10,217,000 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base | 35500 | M3 | \$ 45 | \$ 1,597,500 |
| Incentive for QC/QA | | LS | 4%AC | \$ 408,680 |

Subtotal Section 2 \$ 12,223,180

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 4,502,600 |

Subtotal Section 3 \$ 4,502,600

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 38,500 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | |
| Erosion Control | | LS | | \$ 170,700 |
| Duff | 35 | HA | 3600 | \$ 126,000 |
| Water Pollution Control | | LS | | \$ 173,200 |
| RE Office Space | | LS | | \$ 96,200 |
| Fencing | 25710 | M | 17 | \$ 437,070 |
| Remove Base and Surfacing | 14600 | M3 | 30 | \$ 438,000 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 430 | M | 20 | \$ 8,600 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 2,813,270

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 110,000 |
| Traffic Delineation Items | 59600 | M | 0.6 | \$ 35,760 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 292,400 |
| Traffic Control Systems | | LS | | \$ 153,900 |
| Transportation Management Plan | | LS | | \$ 173,200 |
| Rumble Strip | 325 | Sta | 250 | \$ 81,250 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 861,510

Section 6. Minor Items

$$\frac{\$ 23,012,560}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,301,256$$

Subtotal Section 6 \$ 2,301,256

Section 7. Roadway Mobilization

$$\frac{\$ 25,313,816}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 2,531,382$$

Subtotal Section 7 \$ 2,531,382

Section 8. Roadway Additions

Supplemental Work $\frac{\$ 25,313,816}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,531,382$

Contingencies $\frac{\$ 25,313,816}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 5,062,763$

Subtotal Section 8 \$ 7,594,145

TOTAL ROADWAY ITEMS \$ **35,439,300**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|---------------------------|
| Acquisition | \$ 800,229 |
| Mitigation-Wetland Purchase | \$ 1,046,000 to 4,000,000 |
| Utility Relocation (State's Share) | \$ 391,000 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 2,238,229 to 5,192,229

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **2,276,200 to \$ 5,230,200**

Project Description-Alternative 3 With Wye Connect

BAACS Alternative 3 with a Wye Road connection proposes a new full speed 2-lane facility, east of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading easterly, then heading northerly east of the City and County Waste Water Facility to East Line Street, turning westerly along East Line Street, then heading northerly, west of the Bishop Airport toward Wye Road. Connecting back to US 395 and US 6 along existing Wye Road with a new intersection at both the Wye Road/US 6 intersection and the US 6/US 395 intersection. Signage on US 395 and US 6 would direct through trucks along this new route.

| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$30,176,300 |
| Right of Way Costs | \$12,049,100 to \$18,743,100 |
| TOTAL | \$42,225,400 to \$48,919,400 |

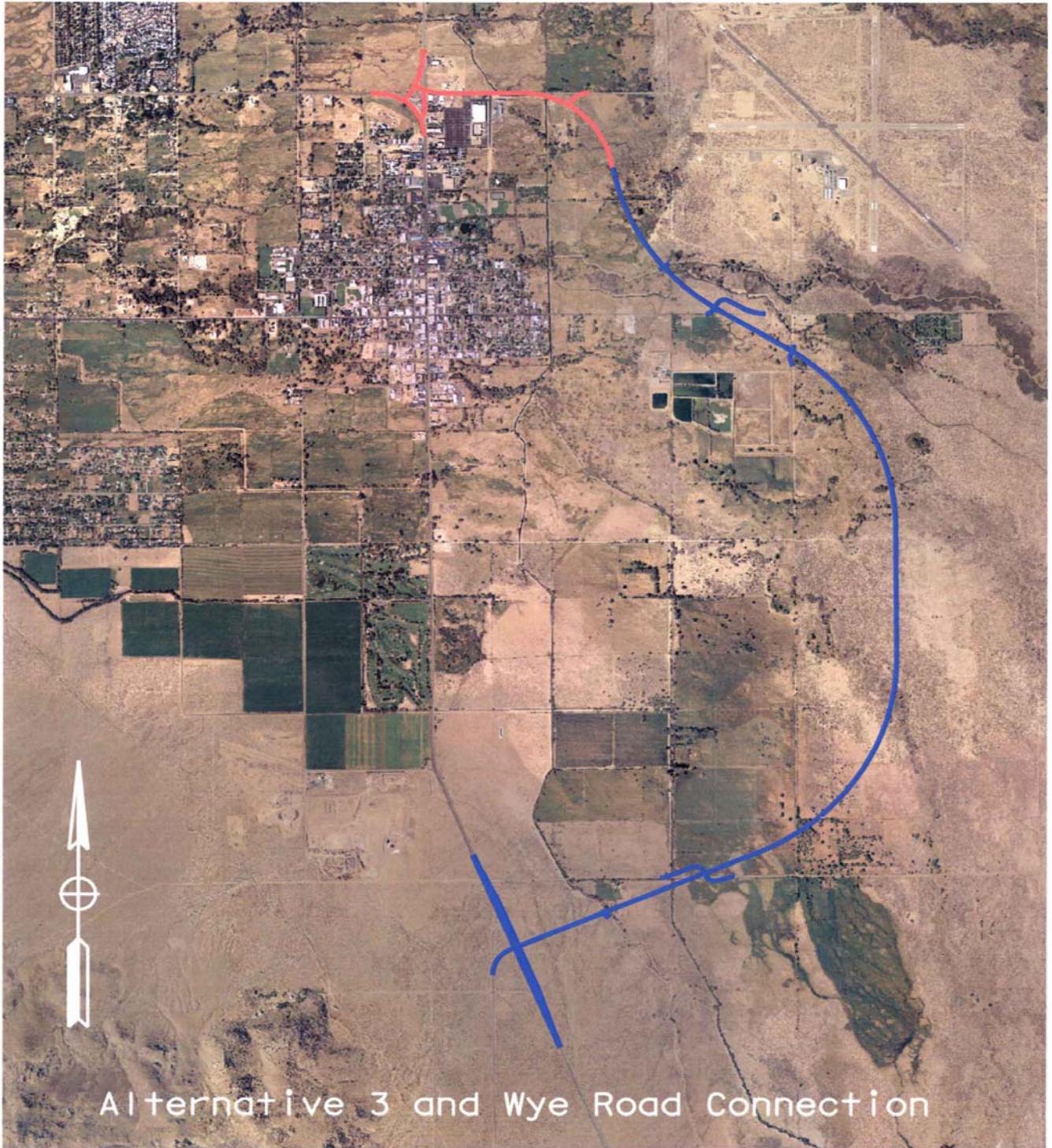
Estimate Prepared By:



Donna Holland, PE

May 12, 2006

Date



Alternative 3 and Wye Road Connection

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 123100 | M3 | \$ 15.00 | \$ 1,846,500 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 74,000 |
| Develop Water Supply | | LS | | \$ 60,000 |

Subtotal Section 1 \$ 1,980,500

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|--------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 88800 | TONN | \$ 85 | \$ 7,548,000 |
| Sidewalks, Curb and Gutter | 982 | M3 | \$ 300 | \$ 294,600 |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base-Roadwork | 26000 | M3 | \$ 45 | \$ 1,170,000 |
| -sidewalks | 803 | M3 | \$ 45 | \$ 36,135 |
| Incentive for QC/QA | | LS | 4%AC | \$ 301,920 |

Subtotal Section 2 \$ 9,350,655

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 4,983,900 |

Subtotal Section 3 \$ 4,983,900

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 31,000 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | \$ 115,500 |
| Erosion Control | | LS | | \$ 121,300 |
| Duff | 26 | HA | 3600 | \$ 93,600 |
| Water Pollution Control | | LS | | \$ 135,000 |
| RE Office Space | | LS | | \$ 75,000 |
| Fencing | 22620 | M | 17 | \$ 384,540 |
| Remove Base and Surfacing | 10050 | M3 | 30 | \$ 301,500 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 290 | M | 20 | \$ 5,800 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 2,588,240

Bishop Area Access and Circulation Feasibility Study Alternative 3-Wye

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 82,000 |
| Traffic Delineation Items | 48300 | M | 0.6 | \$ 28,980 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 250,000 |
| Traffic Control Systems | | LS | | \$ 120,000 |
| Transportation Management Plan | | LS | | \$ 134,200 |
| Rumble Strip | 246 | Sta | 250 | \$ 61,500 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 691,680

Section 6. Minor Items

$$\frac{\$ 19,594,975}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 1,959,498$$

Subtotal Section 6 \$ 1,959,498

Section 7. Roadway Mobilization

$$\frac{\$ 21,554,473}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 2,155,447$$

Subtotal Section 7 \$ 2,155,447

Section 8. Roadway Additions

Supplemental Work \$ $\frac{21,554,473}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,155,447$

Contingencies \$ $\frac{21,554,473}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 4,310,895$

Subtotal Section 8 \$ 6,466,342

TOTAL ROADWAY ITEMS \$ **30,176,300**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|----------------------------|
| Acquisition | \$ 4,501,054 |
| Mitigation-Wetland Purchase | \$ 6,949,000 to 13,643,000 |
| Utility Relocation (State's Share) | \$ 455,400 |
| Relocation Assistance | \$ 57,500 |
| Clearance/Demolition | \$ 47,150 |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 12,011,104 to 18,705,104

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **12,049,100 to 18,743,100**

Bishop Area Access and Circulation Feasibility Study Alternative 3-North

09-INY-395-PM 111.1/122.3

09-INY-6-PM 0.0/5.6

BAACS 09-31460K

Project Description-Alternative 3 With North Connect

BAACS Alternative 3 with a North connection proposes a new full speed 2-lane facility, east of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading easterly, then heading northerly, east of the City and County Waste Water Facility to East Line Street, turning westerly along East Line Street, then heading northerly, west of the Bishop Airport. Connecting to US 6 north of Dixon Lane and south of Five Bridges Road with a new North Connection/US 6 junction. Then continuing westerly parallel to Riverside Road, north of Dixon Lane and south of the Owens River, re-connection to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 and US 6 would direct through trucks along this new route.

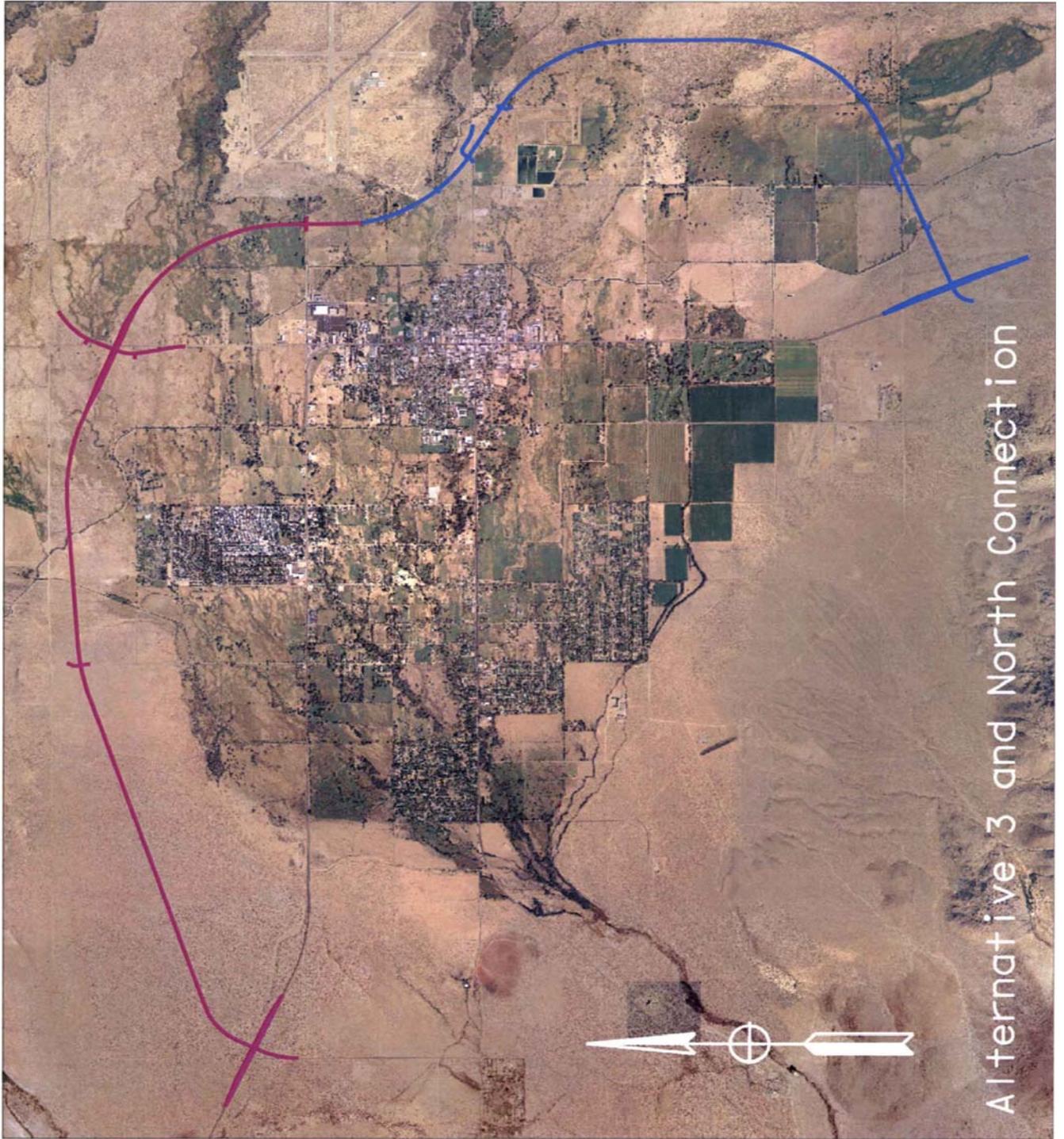
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$45,802,100 |
| Right of Way Costs | \$13,048,300 to \$25,016,300 |
| TOTAL | \$58,850,400 to \$70,818,400 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



Alternative 3 and North Connection

Bishop Area Access and Circulation Feasibility Study Alternative 3-North

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 218400 | M3 | \$ 15.00 | \$ 3,276,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 144,000 |
| Develop Water Supply | | LS | | \$ 114,000 |

Subtotal Section 1 \$ 3,534,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|---------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 160500 | TONN | \$ 85 | \$ 13,642,500 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base | 47800 | M3 | \$ 45 | \$ 2,151,000 |
| Incentive for QC/QA | | LS | 4%AC | \$ 545,700 |

Subtotal Section 2 \$ 16,339,200

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 5,206,500 |

Subtotal Section 3 \$ 5,206,500

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 57,000 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | \$ 115,500 |
| Erosion Control | | LS | | \$ 234,500 |
| Duff | 48 | HA | 3600 | \$ 172,800 |
| Water Pollution Control | | LS | | \$ 256,300 |
| RE Office Space | | LS | | \$ 142,400 |
| Fencing | 46140 | M | 17 | \$ 784,380 |
| Remove Base and Surfacing | 13140 | M3 | 30 | \$ 394,200 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 290 | M | 20 | \$ 5,800 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 3,487,880

Section 5. Traffic Items

Bishop Area Access and Circulation Feasibility Study Alternative 3-North

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 104,000 |
| Traffic Delineation Items | 89200 | M | 0.6 | \$ 53,520 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 384,700 |
| Traffic Control Systems | | LS | | \$ 227,800 |
| Transportation Management Plan | | LS | | \$ 256,300 |
| Rumble Strip | 531 | Sta | 250 | \$ 132,750 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 1,174,070

Section 6. Minor Items

$$\frac{\$ 29,741,650}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,974,165$$

Subtotal Section 6 \$ 2,974,165

Section 7. Roadway Mobilization

$$\frac{\$ 32,715,815}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 3,271,582$$

Subtotal Section 7 \$ 3,271,582

Section 8. Roadway Additions

Supplemental Work \$ $\frac{32,715,815}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 3,271,582$

Contingencies \$ $\frac{32,715,815}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 6,543,163$

Subtotal Section 8 \$ 9,814,745

TOTAL ROADWAY ITEMS \$ **45,802,100**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|-----------------------------|
| Acquisition | \$ 1,260,254 |
| Mitigation-Wetland Purchase | \$ 11,381,000 to 23,349,000 |
| Utility Relocation (State's Share) | \$ 368,000 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 13,010,254 to 24,978,254

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **13,048,300 to 25,016,300**

Project Description-Alternative 4 With Wye Connect

BAACS Alternative 4 with a Wye Road connection proposes a new full speed 2-lane facility, east of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading easterly, then northerly, east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, to Wye Road. Connecting back to US 395 and US 6 along existing Wye Road with a new intersection at both the Wye Road/US 6 intersection and the US 6/US 395 intersection. Signage on US 395 and US 6 would direct through trucks along this new route.

| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$25,418,600 |
| Right of Way Costs | \$9,592,000 to \$13,465,000 |
| TOTAL | \$35,010,600 to \$38,883,600 |

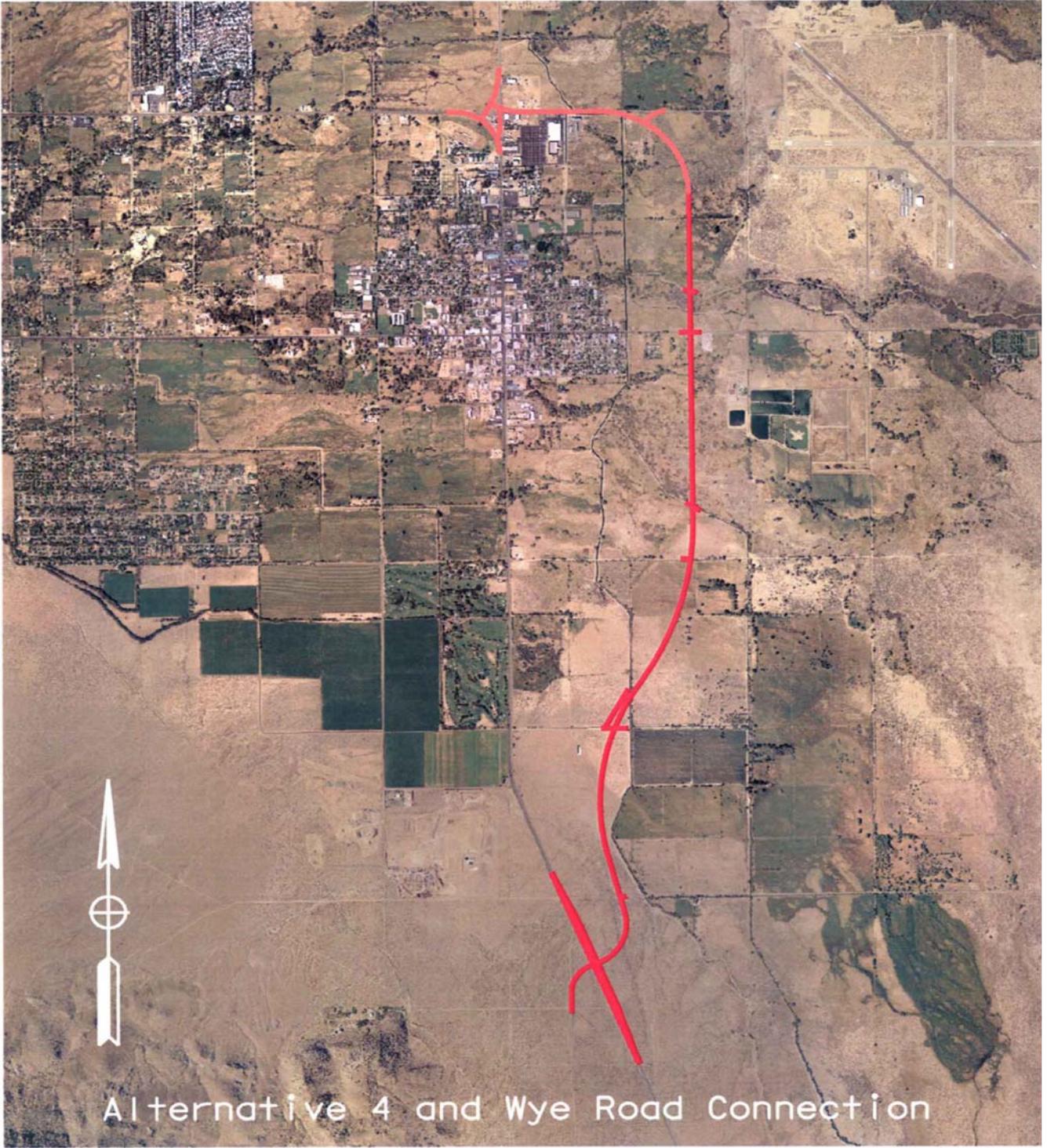
Estimate Prepared By:



Donna Holland, PE

May 12, 2006

Date



Alternative 4 and Wye Road Connection

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 107000 | M3 | \$ 15.00 | \$ 1,605,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 52,000 |
| Develop Water Supply | | LS | | \$ 50,000 |

Subtotal Section 1 \$ 1,707,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|--------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 76700 | TONN | \$ 85 | \$ 6,519,500 |
| Sidewalks, Curb and Gutter | 982 | M3 | \$ 300 | \$ 294,600 |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base-Roadwork | 22400 | M3 | \$ 45 | \$ 1,008,000 |
| -sidewalks | 803 | M3 | \$ 45 | \$ 36,135 |
| Incentive for QC/QA | | LS | 4%AC | \$ 260,780 |

Subtotal Section 2 \$ 8,119,015

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 3,658,430 |

Subtotal Section 3 \$ 3,658,430

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 25,800 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | \$ 108,000 |
| Erosion Control | | LS | | \$ 101,800 |
| Duff | 21 | HA | 3600 | \$ 75,600 |
| Water Pollution Control | | LS | | \$ 111,200 |
| RE Office Space | | LS | | \$ 61,800 |
| Fencing | 17180 | M | 17 | \$ 292,060 |
| Remove Base and Surfacing | 9750 | M3 | 30 | \$ 292,500 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 750 | M | 20 | \$ 15,000 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 2,408,760

Bishop Area Access and Circulation Feasibility Study Alternative 4-Wye

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 88,000 |
| Traffic Delineation Items | 41000 | M | 0.6 | \$ 24,600 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 223,500 |
| Traffic Control Systems | | LS | | \$ 98,800 |
| Transportation Management Plan | | LS | | \$ 111,200 |
| Rumble Strip | 205 | Sta | 250 | \$ 51,250 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 612,350

Section 6. Minor Items

$$\frac{\$ 16,505,555}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 1,650,556$$

Subtotal Section 6 \$ 1,650,556

Section 7. Roadway Mobilization

$$\frac{\$ 18,156,111}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 1,815,611$$

Subtotal Section 7 \$ 1,815,611

Section 8. Roadway Additions

Supplemental Work \$ $\frac{18,156,111}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 1,815,611$

Contingencies \$ $\frac{18,156,111}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 3,631,222$

Subtotal Section 8 \$ 5,446,833

TOTAL ROADWAY ITEMS \$ **25,418,600**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|---------------------------|
| Acquisition | \$ 4,352,419 |
| Mitigation-Wetland Purchase | \$ 4,686,000 to 8,559,000 |
| Utility Relocation (State's Share) | \$ 409,975 |
| Relocation Assistance | \$ 57,500 |
| Clearance/Demolition | \$ 47,150 |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 9,554,044 to 13,427,044

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **9,592,000 to 13,465,000**

Bishop Area Access and Circulation Feasibility Study Alternative 4-North

09-INY-395-PM 111.1/122.3

09-INY-6-PM 0.0/5.6

BAACS 09-31460K

Project Description-Alternative 4 With North Connect

BAACS Alternative 4 with a North connection proposes a new full speed 2-lane facility, east of Bishop. Beginning south of Bishop near the intersection of Gerkin Road and US 395, heading easterly, then northerly, east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, connecting to US 6 north of Dixon Lane and south of Five Bridges Road with a new North Connection/US 6 junction. Then continuing westerly parallel to Riverside Road, north of Dixon Lane and south of the Owens River, re-connection to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 and US 6 would direct through trucks along this new route.

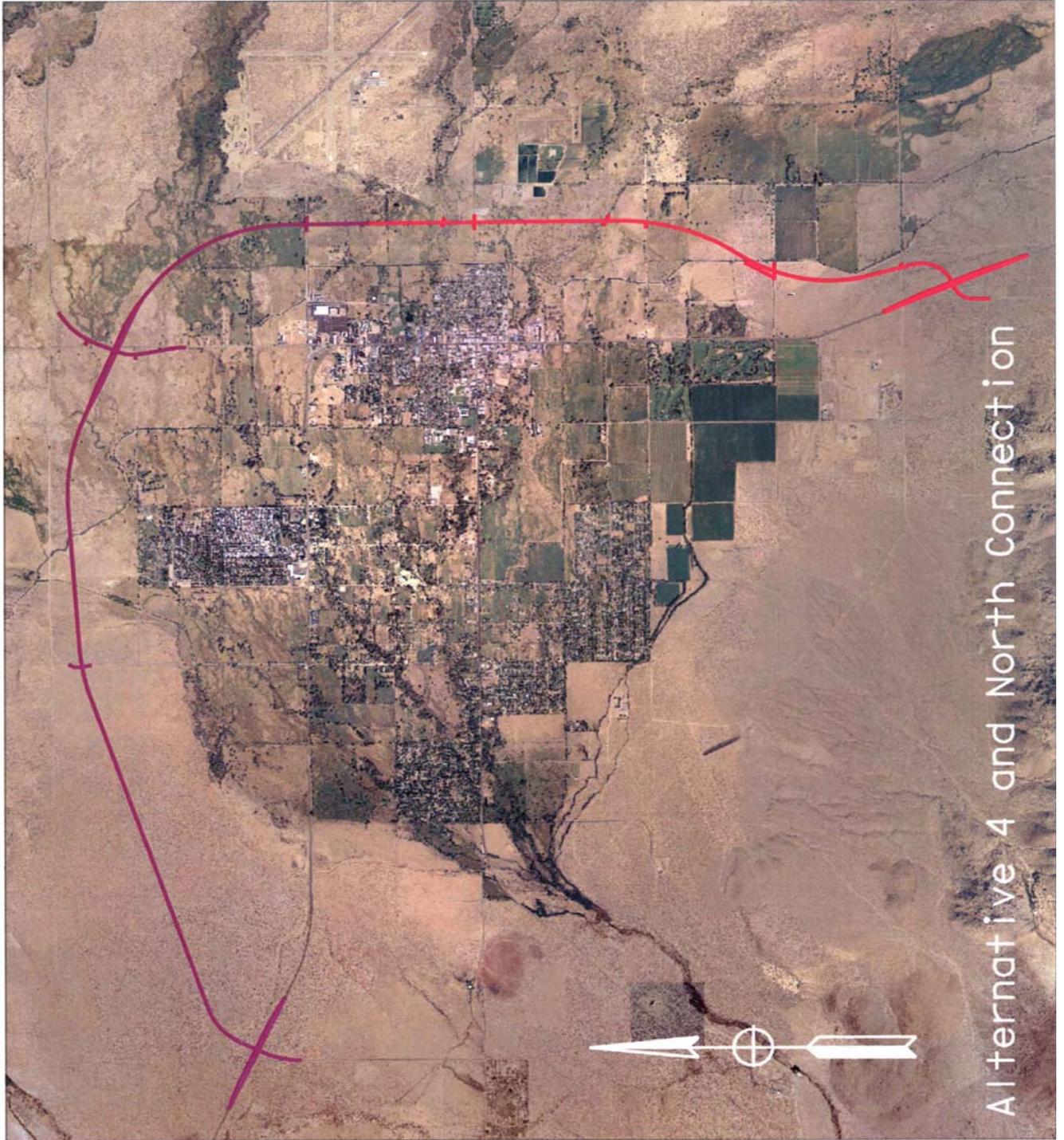
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$41,035,300 |
| Right of Way Costs | \$10,591,200 to \$21,473,200 |
| TOTAL | \$51,626,500 to \$62,508,500 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



Bishop Area Access and Circulation Feasibility Study Alternative 4-North

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 202000 | M3 | \$ 15.00 | \$ 3,030,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 122,000 |
| Develop Water Supply | | LS | | \$ 104,000 |

Subtotal Section 1 \$ 3,256,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|---------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 148400 | TONN | \$ 85 | \$ 12,614,000 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base | 44100 | M3 | \$ 45 | \$ 1,984,500 |
| Incentive for QC/QA | | LS | 4%AC | \$ 504,560 |

Subtotal Section 2 \$ 15,103,060

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 3,881,030 |

Subtotal Section 3 \$ 3,881,030

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 51,700 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | \$ 108,000 |
| Erosion Control | | LS | | \$ 215,000 |
| Duff | 44 | HA | 3600 | \$ 158,400 |
| Water Pollution Control | | LS | | \$ 232,500 |
| RE Office Space | | LS | | \$ 129,200 |
| Fencing | 40700 | M | 17 | \$ 691,900 |
| Remove Base and Surfacing | 12850 | M3 | 30 | \$ 385,500 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 750 | M | 20 | \$ 15,000 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 3,312,200

Section 5. Traffic Items

Bishop Area Access and Circulation Feasibility Study Alternative 4-North

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 110,000 |
| Traffic Delineation Items | 81900 | M | 0.6 | \$ 49,140 |
| Traffic Signals | | | | |
| Roadside Signs | | LS | | \$ 358,300 |
| Traffic Control Systems | | LS | | \$ 206,600 |
| Transportation Management Plan | | LS | | \$ 232,500 |
| Rumble Strip | 490 | Sta | 250 | \$ 122,500 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 1,094,040

Section 6. Minor Items

$$\frac{\$ 26,646,330}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,664,633$$

Subtotal Section 6 \$ 2,664,633

Section 7. Roadway Mobilization

$$\frac{\$ 29,310,963}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 2,931,096$$

Subtotal Section 7 \$ 2,931,096

Section 8. Roadway Additions

Supplemental Work \$ $\frac{29,310,963}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,931,096$

Contingencies \$ $\frac{29,310,963}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 5,862,193$

Subtotal Section 8 \$ 8,793,289

TOTAL ROADWAY ITEMS \$ **41,035,300**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|----------------------------|
| Acquisition | \$ 1,111,619 |
| Mitigation-Wetland Purchase | \$ 9,118,000 to 20,000,000 |
| Utility Relocation (State's Share) | \$ 322,575 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 10,553,194 to 21,435,194

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **10,591,200 to \$ 21,473,200**

Project Description-Alternative 5 With Wye Connect

BAACS Alternative 5 with a Wye Road connection proposes a new reduced speed 2-lane facility, east of Bishop. Beginning south of Bishop at a new signalized Schober Lane/US 395 intersection heading, easterly, then northerly east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, to Wye Road. Connecting back to US 395 and US 6 along existing Wye Road with a new intersection at both the Wye Road/US 6 intersection and the US 6/US 395 intersection. Signage on US 395 and US 6 would direct through trucks along this new route.

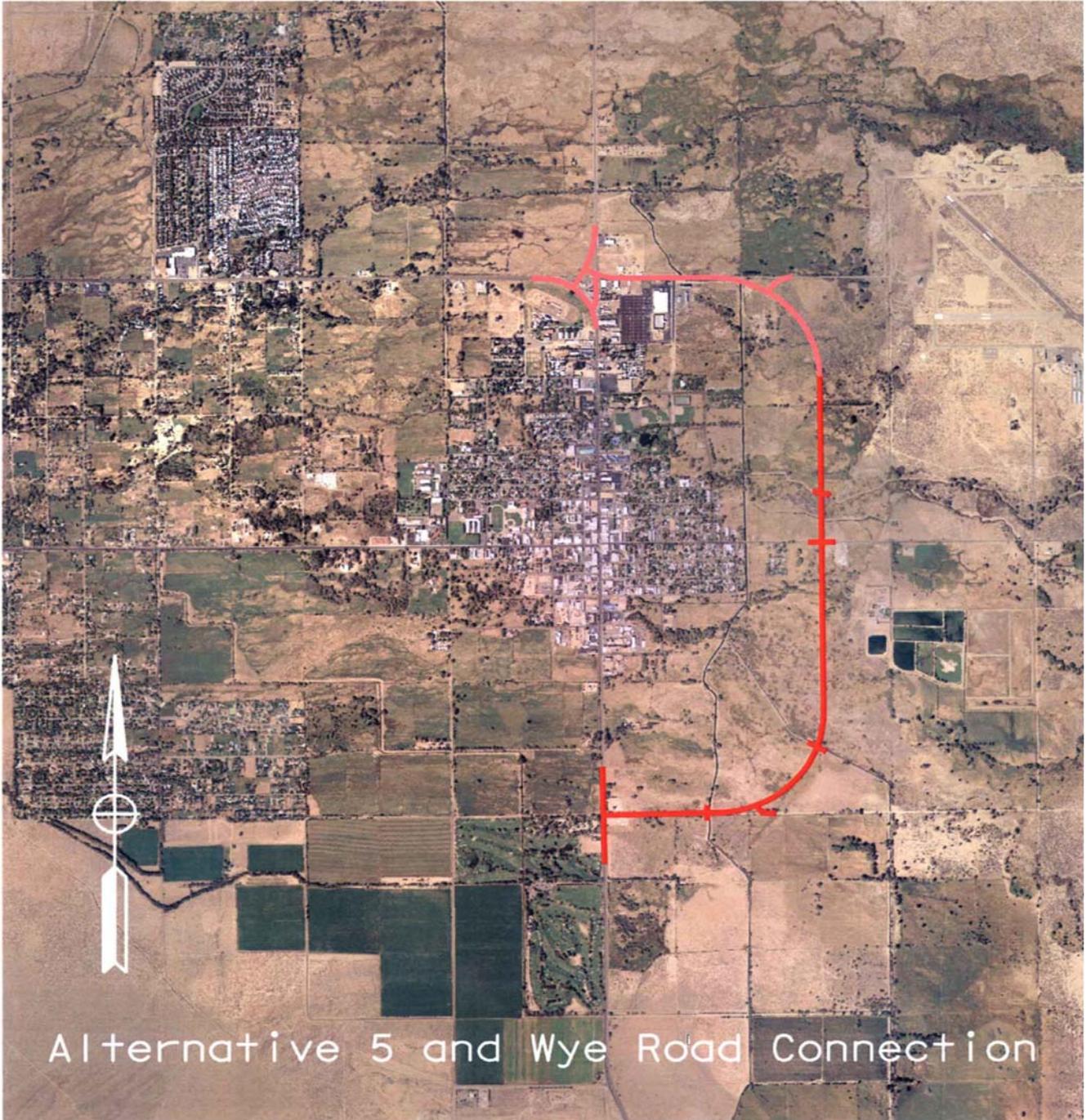
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$19,723,000 |
| Right of Way Costs | \$9,342,600 to \$11,871,600 |
| TOTAL | \$29,065,600 to \$31,594,600 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



Alternative 5 and Wye Road Connection

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 72700 | M3 | \$ 15.00 | \$ 1,090,500 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 31,000 |
| Develop Water Supply | | LS | | \$ 3,000 |

Subtotal Section 1 \$ 1,124,500

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|--------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 51900 | TONN | \$ 85 | \$ 4,411,500 |
| Sidewalks, Curb and Gutter | 982 | M3 | \$ 300 | \$ 294,600 |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base-Roadwork | 15000 | M3 | \$ 45 | \$ 675,000 |
| -sidewalks | 803 | M3 | \$ 45 | \$ 36,135 |
| Incentive for QC/QA | | LS | 4%AC | \$ 176,460 |

Subtotal Section 2 \$ 5,593,695

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 3,557,700 |

Subtotal Section 3 \$ 3,557,700

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 16,800 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | |
| Erosion Control | | LS | | \$ 54,700 |
| Duff | 12 | HA | 3600 | \$ 43,200 |
| Water Pollution Control | | LS | | \$ 65,600 |
| RE Office Space | | LS | | \$ 36,500 |
| Fencing | 10921 | M | 17 | \$ 185,657 |
| Remove Base and Surfacing | 4950 | M3 | 30 | \$ 148,500 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 360 | M | 20 | \$ 7,200 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | |

Subtotal Section 4 \$ 1,733,157

Bishop Area Access and Circulation Feasibility Study Alternative 5-Wye

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 60,000 |
| Traffic Delineation Items | 29600 | M | 0.6 | \$ 17,760 |
| Traffic Signals | | LS | | \$ 380,000 |
| Roadside Signs | | LS | | \$ 172,900 |
| Traffic Control Systems | | LS | | \$ 58,300 |
| Transportation Management Plan | | LS | | \$ 65,600 |
| Rumble Strip | 114 | Sta | 250 | \$ 28,500 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 798,060

Section 6. Minor Items

$$\frac{\$ 12,807,112}{\text{(Subtotal of Sections 1-5)}} \times 10\% = \frac{\$ 1,280,711}{\text{(5 to 10\%)}}$$

Subtotal Section 6 \$ 1,280,711

Section 7. Roadway Mobilization

$$\frac{\$ 14,087,823}{\text{(Subtotal of Sections 1-6)}} \times 10\% = \frac{\$ 1,408,782}{\text{(10\%)}}$$

Subtotal Section 7 \$ 1,408,782

Section 8. Roadway Additions

Supplemental Work \$ $\frac{14,087,823}{\text{(Subtotal of Sections 1-6)}} \times 10\% = \frac{\$ 1,408,782}{\text{(5 to 10\%)}}$

Contingencies \$ $\frac{14,087,823}{\text{(Subtotal of Sections 1-6)}} \times 20\% = \frac{\$ 2,817,565}{\text{(20\%)}}$

Subtotal Section 8 \$ 4,226,347

TOTAL ROADWAY ITEMS \$ **19,723,000**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|---------------------------|
| Acquisition | \$ 4,147,684 |
| Mitigation-Wetland Purchase | \$ 4,647,000 to 7,176,000 |
| Utility Relocation (State's Share) | \$ 404,225 |
| Relocation Assistance | \$ 57,500 |
| Clearance/Demolition | \$ 47,150 |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 9,304,559 to 11,833,559

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **9,342,600 to \$ 11,871,600**

Bishop Area Access and Circulation Feasibility Study Alternative 5-North

09-INY-395-PM 111.1/122.3

09-INY-6-PM 0.0/5.6

BAACS 09-31460K

Project Description-Alternative 5 With North Connect

BAACS Alternative 5 with a North connection proposes a new reduced speed 2-lane facility, east of Bishop. Beginning south of Bishop at a new signalized Schober Lane/US 395 intersection, heading easterly, then northerly east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, connecting to US 6 north of Dixon Lane and south of Five Bridges Road with a new North Connection/US 6 junction. Then continuing westerly, parallel to Riverside Road, north of Dixon Lane and south of the Owens River, re-connection to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 and US 6 would direct through trucks along this new route.

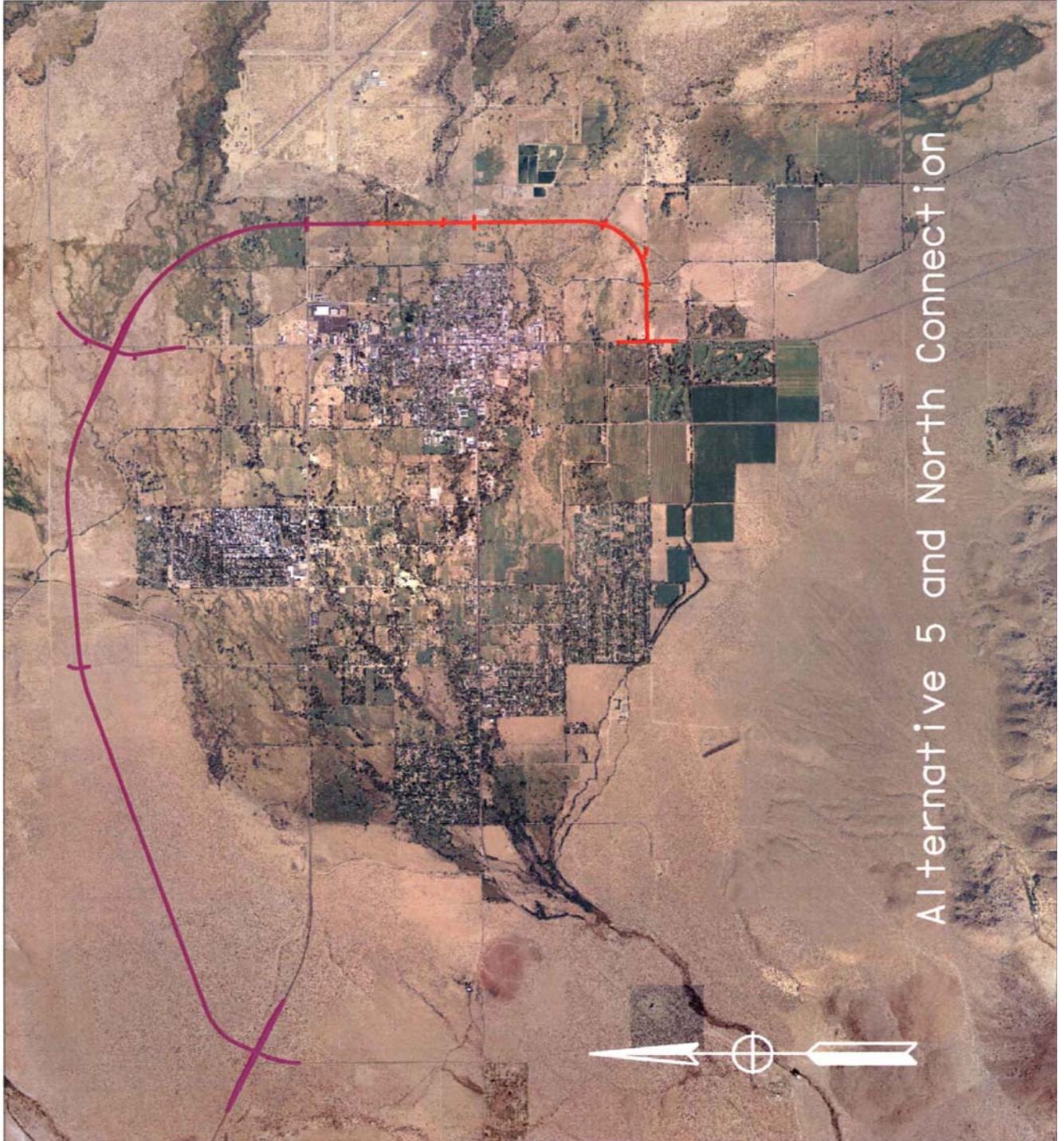
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$35,959,900 |
| Right of Way Costs | \$10,341,700 to \$21,262,700 |
| TOTAL | \$46,301,600 to \$57,222,600 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



Alternative 5 and North Connection

Bishop Area Access and Circulation Feasibility Study Alternative 5-North

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 168000 | M3 | \$ 15.00 | \$ 2,520,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 101,000 |
| Develop Water Supply | | LS | | \$ 83,000 |

Subtotal Section 1 \$ 2,704,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|---------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 123600 | TONN | \$ 85 | \$ 10,506,000 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base | 36700 | M3 | \$ 45 | \$ 1,651,500 |
| Incentive for QC/QA | | LS | 4%AC | \$ 420,240 |

Subtotal Section 2 \$ 12,577,740

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 3,780,300 |

Subtotal Section 3 \$ 3,780,300

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 42,700 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | |
| Erosion Control | | LS | | \$ 167,800 |
| Duff | 35 | HA | 3600 | \$ 126,000 |
| Water Pollution Control | | LS | | \$ 186,900 |
| RE Office Space | | LS | | \$ 103,900 |
| Fencing | 34440 | M | 17 | \$ 585,480 |
| Remove Base and Surfacing | 26798 | M3 | 30 | \$ 803,940 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 360 | M | 20 | \$ 7,200 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | |

Subtotal Section 4 \$ 3,198,920

Bishop Area Access and Circulation Feasibility Study Alternative 5-North

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 82,000 |
| Traffic Delineation Items | 70500 | M | 0.6 | \$ 42,300 |
| Traffic Signals | | LS | | \$ 190,000 |
| Roadside Signs | | LS | | \$ 307,700 |
| Traffic Control Systems | | LS | | \$ 166,200 |
| Transportation Management Plan | | LS | | \$ 186,900 |
| Rumble Strip | 398 | Sta | 250 | \$ 99,500 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 1,089,600

Section 6. Minor Items

$$\frac{\$ 23,350,560}{\text{(Subtotal of Sections 1-5)}} \times 10\% = \frac{\$ 2,335,056}{\text{(5 to 10\%)}}$$

Subtotal Section 6 \$ 2,335,056

Section 7. Roadway Mobilization

$$\frac{\$ 25,685,616}{\text{(Subtotal of Sections 1-6)}} \times 10\% = \frac{\$ 2,568,562}{\text{(10\%)}}$$

Subtotal Section 7 \$ 2,568,562

Section 8. Roadway Additions

$$\text{Supplemental Work } \frac{\$ 25,685,616}{\text{(Subtotal of Sections 1-6)}} \times 10\% = \frac{\$ 2,568,562}{\text{(5 to 10\%)}}$$

$$\text{Contingencies } \frac{\$ 25,685,616}{\text{(Subtotal of Sections 1-6)}} \times 20\% = \frac{\$ 5,137,123}{\text{(20\%)}}$$

Subtotal Section 8 \$ 7,705,685

TOTAL ROADWAY ITEMS **\$ 35,959,900**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS **\$ -**

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|----------------------------|
| Acquisition | \$ 906,884 |
| Mitigation-Wetland Purchase | \$ 9,079,000 to 20,000,000 |
| Utility Relocation (State's Share) | \$ 316,825 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 10,303,709 to 21,224,709

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS **\$10,341,700 to \$ 21,262,700**

Project Description-Alternative 6 With Wye Connect

BAACS Alternative 6 with a Wye Road connection proposes a new reduced speed 2-lane facility, east of Bishop. Beginning south of Bishop at a new signalized intersection south of the existing Inyo County Yard facility then heading easterly, then northerly, east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, to Wye Road. Connecting back to US 395 and US 6 along existing Wye Road with a new intersection at both the Wye Road/US 6 intersection and the US 6/US 395 intersection. Signage on US 395 and US 6 would direct through trucks along this new route.

| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$18,553,000 |
| Right of Way Costs | \$8,431,600 to \$10,959,600 |
| TOTAL | \$26,984,600 to \$29,512,600 |

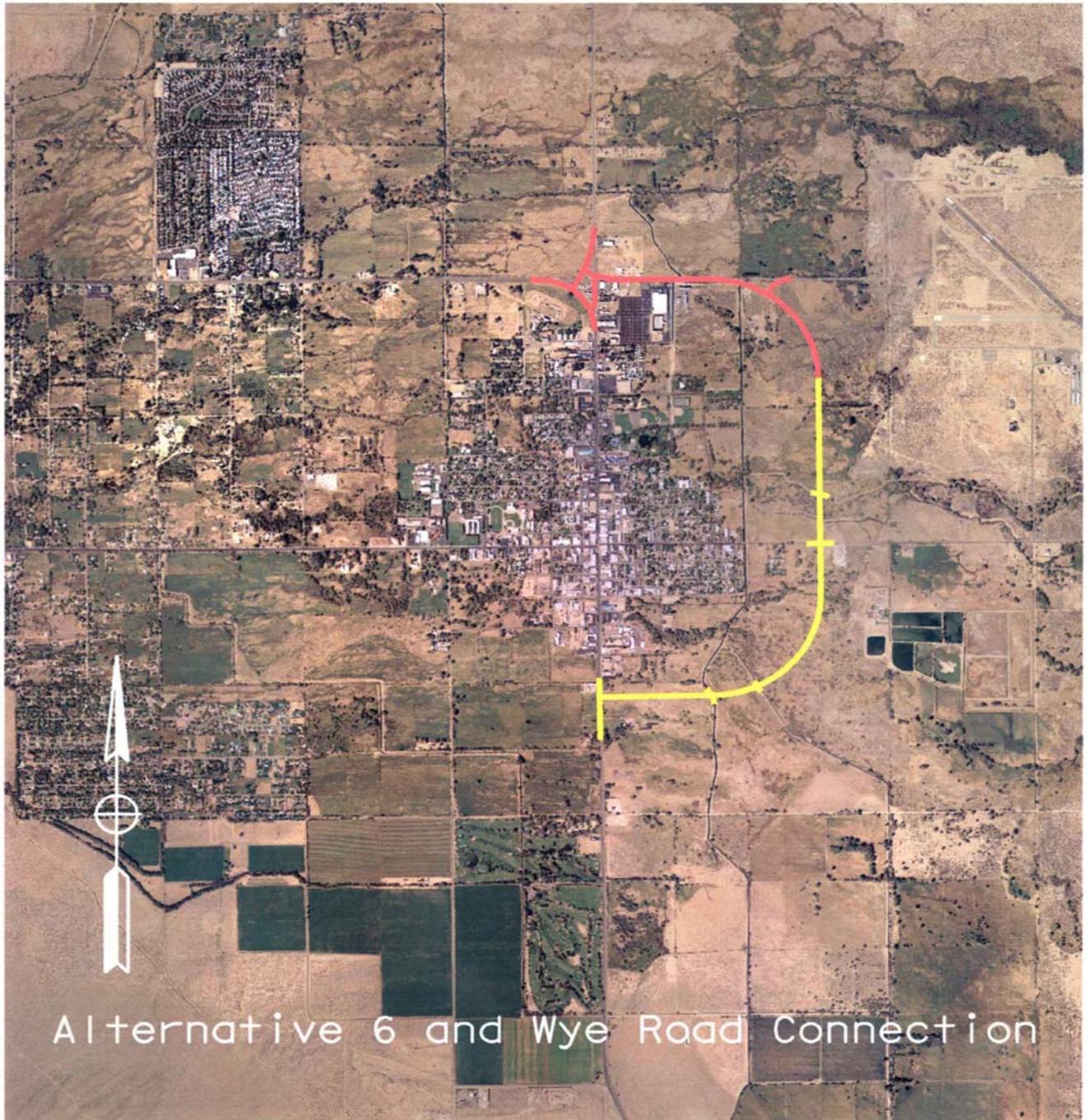
Estimate Prepared By:



Donna Holland, PE

May 12, 2006

Date



Alternative 6 and Wye Road Connection

Bishop Area Access and Circulation Feasibility Study Alternative 6-Wye

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 60,000 |
| Traffic Delineation Items | 25800 | M | 0.6 | \$ 15,480 |
| Traffic Signals | | LS | | \$ 380,000 |
| Roadside Signs | | LS | | \$ 163,800 |
| Traffic Control Systems | | LS | | \$ 51,100 |
| Transportation Management Plan | | LS | | \$ 57,500 |
| Rumble Strip | 96 | Sta | 250 | \$ 24,000 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 766,880

Section 6. Minor Items

$$\frac{\$ 12,047,415}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 1,204,742$$

Subtotal Section 6 \$ 1,204,742

Section 7. Roadway Mobilization

$$\frac{\$ 13,252,157}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 1,325,216$$

Subtotal Section 7 \$ 1,325,216

Section 8. Roadway Additions

Supplemental Work \$ $\frac{13,252,157}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 1,325,216$

Contingencies \$ $\frac{13,252,157}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 2,650,431$

Subtotal Section 8 \$ 3,975,647

TOTAL ROADWAY ITEMS \$ **18,553,000**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS \$ -

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|---------------------------|
| Acquisition | \$ 4,121,164 |
| Mitigation-Wetland Purchase | \$ 4,023,000 to 6,551,000 |
| Utility Relocation (State's Share) | \$ 143,750 |
| Relocation Assistance | \$ 57,500 |
| Clearance/Demolition | \$ 47,150 |
| Title and Escrow Fees | \$ 1,000 |
| | |
| | |

Total \$ 8,393,564 to 10,921,564

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total \$ 38,000

TOTAL R/W+SUPPORT COSTS \$ **8,431,600 to \$ 10,959,600**

Bishop Area Access and Circulation Feasibility Study Alternative 6-North

09-INY-395-PM 111.1/122.3

09-INY-6-PM 0.0/5.6

BAACS 09-31460K

Project Description-Alternative 6 With North Connect

BAACS Alternative 6 with a North connection proposes a new reduced speed 2-lane facility, east of Bishop. Beginning south of Bishop at a new signalized intersection south of the existing Inyo County Yard facility then heading easterly, then northerly, east of Johnston Drive, west of the Waste Water Facility and west of the Bishop Airport, connecting to US 6 north of Dixon Lane and south of Five Bridges Road with a new North Connection/US 6 junction. Then continuing westerly, parallel to Riverside Road, north of Dixon Lane and south of the Owens River, re-connection to existing US 395 westerly of the Bishop Gun Club and near, or easterly of, the intersection of Ed Powers Road and US 395. Signage on US 395 and US 6 would direct through trucks along this new route.

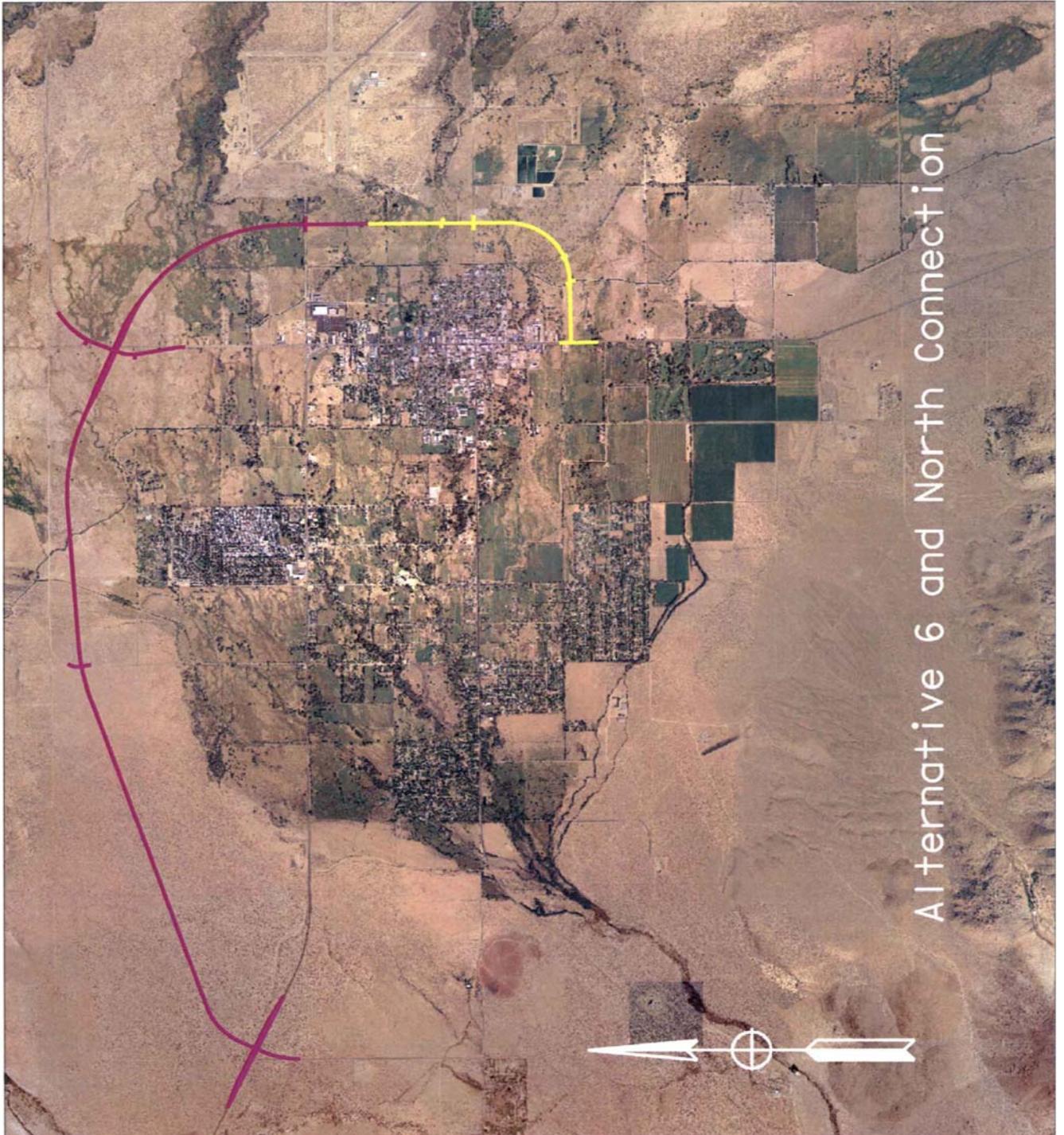
| | |
|---------------------|-------------------------------------|
| Total Roadway Costs | \$33,893,100 |
| Right of Way Costs | \$9,656,700 to \$21,201,700 |
| TOTAL | \$43,549,800 to \$55,094,800 |

Estimate Prepared By:


Donna Holland, PE

May 12, 2006

Date



Bishop Area Access and Circulation Feasibility Study Alternative 6-North

I Roadway Items

Section 1. Earthwork

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|-----------------------|----------|------|------------|--------------|
| Roadway Excavation | 159600 | M3 | \$ 15.00 | \$ 2,394,000 |
| Imported Borrow | | | | |
| Clearing and Grubbing | | LS | | \$ 97,000 |
| Develop Water Supply | | LS | | \$ 80,000 |

Subtotal Section 1 \$ 2,571,000

Section 2. Pavement Structural Section

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|----------------------------|----------|------|------------|--------------|
| PCC Pavement (0.3 Depth) | | | | |
| Asphalt Concrete | 117400 | TONN | \$ 85 | \$ 9,979,000 |
| Sidewalks, Curb and Gutter | | | | |
| Cold Plane AC-45 mm | 0 | M2 | \$ 5 | \$ - |
| Aggregate Base | 34900 | M3 | \$ 45 | \$ 1,570,500 |
| Incentive for QC/QA | | LS | 4%AC | \$ 399,160 |

Subtotal Section 2 \$ 11,948,660

Section 3. Drainage

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|------------------|----------|------|------------|--------------|
| Project Drainage | | LS | | \$ 3,698,800 |

Subtotal Section 3 \$ 3,698,800

Section 4. Specialty Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--|----------|------|------------|--------------|
| Finish Roadway | | LS | | \$ 40,500 |
| Progress Schedule (Critical Path) | | LS | | \$ 50,000 |
| Prepare Storm Water Prevention Plan | | LS | | \$ 25,000 |
| Relocate Private Irrigation Facilities | | LS | | |
| Erosion Control | | LS | | \$ 163,800 |
| Duff | 34 | HA | 3600 | \$ 122,400 |
| Water Pollution Control | | LS | | \$ 178,800 |
| RE Office Space | | LS | | \$ 99,300 |
| Fencing | 32700 | M | 17 | \$ 555,900 |
| Remove Base and Surfacing | 8040 | M3 | 30 | \$ 241,200 |
| Shoulder Backing | 0 | M3 | 50 | \$ - |
| Bladed Dirt Road | 240 | M | 20 | \$ 4,800 |
| Environmental Mitigation | | | | |
| Archeology | | LS | | \$ 1,100,000 |
| Biology | | | | |
| Paleontology | | LS | | \$ 150,000 |

Subtotal Section 4 \$ 2,731,700

Bishop Area Access and Circulation Feasibility Study Alternative 6-North

Section 5. Traffic Items

| Work Item | Quantity | Unit | Unit Price | Item Cost |
|--------------------------------|----------|------|------------|------------|
| Lighting | | LS | | \$ 82,000 |
| Traffic Delineation Items | 66700 | M | 0.6 | \$ 40,020 |
| Traffic Signals | | LS | | \$ 190,000 |
| Roadside Signs | | LS | | \$ 298,600 |
| Traffic Control Systems | | LS | | \$ 158,900 |
| Transportation Management Plan | | LS | | \$ 178,800 |
| Rumble Strip | 380 | Sta | 250 | \$ 95,000 |
| Traffic Monitoring Station | 1 | EA | 15000 | \$ 15,000 |

Subtotal Section 5 \$ 1,058,320

Section 6. Minor Items

$$\frac{\$ 22,008,480}{\text{(Subtotal of Sections 1-5)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,200,848$$

Subtotal Section 6 \$ 2,200,848

Section 7. Roadway Mobilization

$$\frac{\$ 24,209,328}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(10\%)}} = \$ 2,420,933$$

Subtotal Section 7 \$ 2,420,933

Section 8. Roadway Additions

Supplemental Work $\frac{\$ 24,209,328}{\text{(Subtotal of Sections 1-6)}} \times \frac{10\%}{\text{(5 to 10\%)}} = \$ 2,420,933$

Contingencies $\frac{\$ 24,209,328}{\text{(Subtotal of Sections 1-6)}} \times \frac{20\%}{\text{(20\%)}} = \$ 4,841,866$

Subtotal Section 8 \$ 7,262,798

TOTAL ROADWAY ITEMS **\$ 33,893,100**
(Total Sections 1-8)

II Structures Items

TOTAL STRUCTURES ITEMS **\$ -**

III Right of Way Items

RIGHT OF WAY COSTS

| | |
|------------------------------------|-----------------------------------|
| Acquisition | \$ 880,364 |
| Mitigation-Wetland Purchase | \$ 8,455,000 to 20,000,000 |
| Utility Relocation (State's Share) | \$ 282,325 |
| Relocation Assistance | |
| Clearance/Demolition | |
| Title and Escrow Fees | \$ 1,000 |
| | |
| Total | \$ 9,618,689 to 21,163,689 |

RIGHT OF WAY SUPPORT COSTS

| | |
|----------------------------------|-----------|
| Environmental permit/filing fees | \$ 8,000 |
| Construction Contract Work | \$ 30,000 |

Total **\$ 38,000**

TOTAL R/W+SUPPORT COSTS **\$ 9,656,700 to \$ 21,201,700**