

# **ATTACHMENT H**

## **Right of Way Conceptual Cost Estimate**

# CONCEPTUAL COST ESTIMATE – RIGHT OF WAY COMPONENT ALTERNATIVE A

To: Carlton Haack (HDR Engineering)  
Project Manager

Date: February 20, 2012

From: James Staudinger (HDR Engineering)  
Real Estate Manager

04-SOL-80-11.2/29.3  
Project ID: 0412000332K  
EA: 04-4G080K

Project Description: Alternative A - HOV conversion and proposed median widening of I-80, placement of median barrier, continuous ingress/egress striping and CHP enforcement areas.

A Field Review was conducted  Yes  No

### Scope of the Right of Way

Provide a general description of the right of way including the location attributes.

Right of Way Required  Yes  No

Number of Parcels  1-10  11-25  26-50  51-100  >100

Urban  Rural

Land Area: Fee  0  Easement  TCE Only

Displaced Persons/Businesses  Yes  No

Demolition/Clearance  Yes  No

Railroad Involvement  Yes  No

Utility Involvements  Yes  No  43 Number of Utilities in area

### Cost Estimates

|                     |  |   |
|---------------------|--|---|
| Support Costs (R/W) | <input type="checkbox"/> \$0-\$25,000        | <input checked="" type="checkbox"/> \$500,001-\$1,000,000 |
|                     | <input type="checkbox"/> \$25,001-\$100,000  | <input type="checkbox"/> \$1,000,001-\$5,000,000          |
|                     | <input type="checkbox"/> \$100,001-\$250,000 | <input type="checkbox"/> \$5,000,001-\$10,000,000         |
|                     | <input type="checkbox"/> \$250,001-\$500,000 | <input type="checkbox"/> >\$10,000,000                    |

|                     |   |   |
|---------------------|---|---|
| Capital Costs (R/W) | <input type="checkbox"/> \$0-\$100,000                      | <input type="checkbox"/> \$5,000,001-\$15,000,000   |
|                     | <input type="checkbox"/> \$100,001-\$500,000                | <input type="checkbox"/> \$15,000,001-\$50,000,000  |
|                     | <input type="checkbox"/> \$500,001-\$1,000,000              | <input type="checkbox"/> \$50,000,001-\$100,000,000 |
|                     | <input checked="" type="checkbox"/> \$1,000,001-\$5,000,000 | <input type="checkbox"/> >\$100,000,000             |

### Schedule

Right of Way will require 18 months to deliver a Right of Way Certification #1 from Final R/W Maps. This estimate is based on a Right of Way Certification date of June 1, 2015.

### **Areas of Concern**

Provide a description of areas in close proximity to the project footprint that are likely to result in complex right of way issues if impacted (i.e. junkyards, cemeteries, utility towers, etc.).

- **For this alternative no fee takes will be required. Only TCE's and minor utility relocations have been assumed under this alternative so there are no major areas of concern regarding R/W activities under this alternative.**

### **Assumptions and Limiting Conditions**

Provide a description of assumptions and limiting conditions.

- **No R/W Fee Takes**
- **TCE's limited (staging areas, retaining wall construction)**
- **Existing utility information is limited to crossing locations, owners and type of facility (depths, casing lengths, overhead clearance are not know at this time)**

**CONCEPTUAL COST ESTIMATE – RIGHT OF WAY COMPONENT  
ALTERNATIVE B**

To: Carlton Haack (HDR Engineering)  
Project Manager

Date: February 20, 2012

From: James Staudinger (HDR Engineering)  
Real Estate Manager

04-SOL-80-11.2/29.3  
Project ID: 0412000332K  
EA: 04-4G080K

Project Description: Alternative B - HOV conversion and proposed widening of I-80, replacement of non-standard interchanges, placement of median barrier, continuous ingress/egress striping and CHP enforcement areas.

A Field Review was conducted  Yes  No

**Scope of the Right of Way**

Provide a general description of the right of way including the location attributes.

Right of Way Required  Yes  No

Number of Parcels  1-10  11-25  26-50  51-100  >100

Urban  Rural

Land Area: Fee 367 AC Easement TCEs and Utility Relocations

Displaced Persons/Businesses  Yes  No

Demolition/Clearance  Yes  No

Railroad Involvement  Yes  No

Utility Involvements  Yes  No 43 Number of Utilities in area

**Cost Estimates**

|                     |  |  |
|---------------------|--|--|
| Support Costs (R/W) | <input type="checkbox"/> \$0-\$25,000        | <input type="checkbox"/> \$500,001-\$1,000,000               |
|                     | <input type="checkbox"/> \$25,001-\$100,000  | <input type="checkbox"/> \$1,000,001-\$5,000,000             |
|                     | <input type="checkbox"/> \$100,001-\$250,000 | <input checked="" type="checkbox"/> \$5,000,001-\$10,000,000 |
|                     | <input type="checkbox"/> \$250,001-\$500,000 | <input type="checkbox"/> >\$10,000,000                       |

|                     |  |  |
|---------------------|--|--|
| Capital Costs (R/W) | <input type="checkbox"/> \$0-\$100,000           | <input type="checkbox"/> \$5,000,001-\$15,000,000              |
|                     | <input type="checkbox"/> \$100,001-\$500,000     | <input type="checkbox"/> \$15,000,001-\$50,000,000             |
|                     | <input type="checkbox"/> \$500,001-\$1,000,000   | <input checked="" type="checkbox"/> \$50,000,001-\$100,000,000 |
|                     | <input type="checkbox"/> \$1,000,001-\$5,000,000 | <input type="checkbox"/> >\$100,000,000                        |

**Schedule**

Right of Way will require 24 months to deliver a Right of Way Certification #1 from Final R/W Maps. This estimate is based on a Right of Way Certification date of June 1, 2015.

### **Areas of Concern**

Provide a description of areas in close proximity to the project footprint that are likely to result in complex right of way issues if impacted (i.e. junkyards, cemeteries, utility towers, etc.).

- **For this alternative requires significant R/W takes, TCEs and utility easements. There are major PG&E tower line facilities that will need relocation as well as distribution pole lines and gas mains.**
- **R/W takes include displacement of persons/businesses and demolition work.**
- **All utility crossings will need to be extended to new R/W and cased**

### **Assumptions and Limiting Conditions**

Provide a description of assumptions and limiting conditions.

- **Major R/W Fee Takes**
- **Existing utility information is limited to crossing locations, owners and type of facility (depths, casing lengths, overhead clearance are not know at this time)**