

|     |                                    |                        |                  |                          | -7(                                |                   | ation Phase 2 Matrix<br>aft 3/5/08   |   |                              |                                     |
|-----|------------------------------------|------------------------|------------------|--------------------------|------------------------------------|-------------------|--|---|------------------------------|-------------------------------------|
|     |                                    |                        |                  |                          |                                    |                   |  |   |                              |                                     |
|     |                                    | Frequen                | cy of Use        | Safet                    | y Considera                        | ations            |  |   |                              |                                     |
| EB/ |                                    | Chain Law<br>Events/Yr | Trucks/<br>Event | Separated/<br>Non-separ- | Potential<br>Speed<br>Differential | Sight<br>Distance |  |   | New<br>Signage on<br>Project | Comme                               |
| WB  |                                    | (L/M/H)                | (L/M/H)          | ated                     | (L/M/H)                            | (L/M/H)           | Constraints  | Yes/No  | (Yes/No)                     | Lighting                            |
|     | TBOUND                             |                        |                  |                          |                                    |                   |  | N   |                              | 0                                   |
| EB  | MP 177<br>(Chain-up)               | High                   | High             | Non-separated            | Medium                             | High              | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained                  | No<br>Yes<br>No<br>No<br>Yes                    | No                           | Consider<br>to new lig<br>design co |
|     |                                    |                        |                  |                          |                                    |                   | Environmental<br>Physical Constraints  | No<br>Yes                                       |                              |                                     |
| EB  | MP 183<br>(Chain-up)               | High                   | Medium           | Non-separated            | Medium                             | Medium            | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks  | Expected<br>Yes<br>No                           | No                           | No critica                          |
|     |                                    |                        |                  |                          |                                    |                   | Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints  | No<br>Yes<br>No<br>Yes                          |                              |                                     |
| EB  | MP 184                             | High                   | Medium           | Non-separated            | Medium                             | Medium            | Existing Fiber Optic   |   | Signing only                 | No lightin                          |
|     | (Chain-up)                         | - ingri                |                  |                          |                                    |                   | Power Availability   | Solar for s                                     |                              | power so                            |
|     |                                    |                        |                  |                          |                                    |                   | Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints                       | No<br>No<br>Yes<br>No<br>Yes                    |                              |                                     |
| EB  | MP 187                             |                        |                  |                          |                                    |                   | Existing Fiber Optic   | 165   | No                           | Nothing u                           |
|     | (Chain-up)                         |                        |                  |                          |                                    |                   | Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints |   |                              | study is c                          |
| EB  | MP 195 Copper Mtn.<br>(Chain-down) | High                   | High             | Non-separated            | Medium                             | Low               | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental | Expected<br>Yes<br>Yes<br>No<br>Yes<br>Wetlands | Yes                          | Light                               |
|     |                                    |                        |                  |                          |                                    |                   | Physical Constraints   | Yes   |                              |                                     |

| hop<br>nents on<br>ng     | Comments   |  |  |  |  |  |
|---------------------------|--|--|--|--|--|--|
|                           |  |  |  |  |  |  |
| er retro-fitting          | Lighting already exists. Retrofitting  |  |  |  |  |  |
| light standard<br>concept | existing lighting with lower-wati<br>luminaires would be in the future.<br>If necessary, lighting control (to turn<br>on lights only during chain law) is a<br>top priority. |  |  |  |  |  |
| cal issues                | Very narrow site. Could see more use after it is lighted.  |  |  |  |  |  |
|                           |  |  |  |  |  |  |
| ting in 2008. No          | No lighting is planned for this site   |  |  |  |  |  |
| source.                   | until power is made available on   |  |  |  |  |  |
|                           | West Vail Pass. Due to economic  |  |  |  |  |  |
|                           | feasibility, this is not expected in the   |  |  |  |  |  |
|                           | forseeable future.   |  |  |  |  |  |
| until wildlife            | This site is being eliminated. Site of   |  |  |  |  |  |
| s completed.              | wildlife overpass; too close to top<br>of Pass.  |  |  |  |  |  |
|                           |  |  |  |  |  |  |
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|                           |  |  |  |  |  |  |
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|                           |  |  |  |  |  |  |

|     |                                   |                        |                  |                                       | -7(                                |                   | tion Phase 2 Matrix<br>aft 3/5/08          |            |                              |                 |
|-----|-----------------------------------|------------------------|------------------|---------------------------------------|------------------------------------|-------------------|--|------------|------------------------------|-----------------|
|     |                                   |                        |                  |                                       |                                    |                   |  |            |                              |                 |
|     |                                   | Frequen                | cy of Use        | Safet                                 | y Considera                        | tions             |  |            |                              |                 |
|     |                                   | Пециен                 |                  | Salei                                 | ,<br>,                             |                   |  |            | Nissa                        | 1               |
| EB/ |                                   | Chain Law<br>Events/Yr | Trucks/<br>Event | Separated/<br>Non-separ-              | Potential<br>Speed<br>Differential | Sight<br>Distance |  |            | New<br>Signage on<br>Project | Worksh<br>Comme |
| WB  | Location                          | (L/M/H)                | (L/M/H)          | ated                                  | (L/M/H)                            | (L/M/H)           | Constraints                                | Yes/No     | (Yes/No)                     | Lighting        |
| EB  | MP 203 Frisco                     | Medium                 | Medium           | Separated                             | N/A                                | N/A               | Existing Fiber Optic                       | Yes        | No                           | Separate        |
|     | (Chain-up and -down)              |                        |                  |                                       |                                    |                   | Power Availability                         | Yes        |                              | is it used      |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks                  | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Wildlife                                   | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained                   | Yes        |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Environmental                              | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       | Yes        |                              |                 |
| EB  | MP 205 Silverthorne               | High                   | High             | Non-separated                         | Low                                | High              | Existing Fiber Optic                       | Yes        | No                           | Not sepa        |
|     | (Chain-up)                        |                        |                  |                                       |                                    |                   | Power Availability                         | Yes        |                              | use, high       |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks                  | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Wildlife                                   | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained                   | Yes        |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Environmental                              | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       | Yes        |                              |                 |
| EB  | MP 219 Herman Gulch               | High                   | High             | Non-separated                         | High                               | Low               | Existing Fiber Optic                       | Yes        | No                           | Separate        |
|     | (Chain-down)                      |                        |                  |                                       |                                    |                   | Power Availability                         | Yes        |                              | ing. Need       |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks                  | Yes        |                              | an ultima       |
|     |                                   |                        |                  |                                       |                                    |                   | Wildlife<br>Diskt of Way Constrained       | Lynx       |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained<br>Environmental  | No<br>No   |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       | NO         |                              |                 |
|     | MD 228 Coorgotown                 | Lliab                  | Lliab            | Non concreted                         | Lliab                              | Lliab             |  |            | No                           | Look of a       |
| EB  | MP 228 Georgetown<br>(Chain-down) | High                   | High             | Non-separated                         | High                               | High              | Existing Fiber Optic<br>Power Availability | Yes<br>Yes | INO                          | Look at c       |
|     | (Chain-down)                      |                        |                  |                                       |                                    |                   |  | Yes        |                              | and light       |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks<br>Wildlife      | No         |                              | improved        |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained                   | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Environmental                              | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       | No         |                              |                 |
| EB  | MP 241 West Side of Twin Tu       | Innel                  |                  |                                       |                                    |                   | Existing Fiber Optic                       |            | No                           | Priority        |
|     | (Chain-up)                        |                        |                  |                                       |                                    |                   | Power Availability                         |            |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks<br>Wildlife      |            |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained                   |            |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Environmental                              |            |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       |            |                              |                 |
| EB  | MP 251 El Rancho                  | Low                    | Low              | Non-separated                         | Medium                             | Low               | Existing Fiber Optic                       | Yes        | No                           | Lower us        |
|     | (Chain-up and -down)              |                        |                  | · · · · · · · · · · · · · · · · · · · |                                    |                   | Power Availability                         | Yes        |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Exposed to Runaway Trucks                  | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Wildlife                                   | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Right-of-Way Constrained                   | Yes        |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Environmental                              | No         |                              |                 |
|     |                                   |                        |                  |                                       |                                    |                   | Physical Constraints                       | Yes        |                              |                 |

| shop<br>nents on<br>ng                          | Comments  |
|---|---|
| ted. How much                                   |   |
| ed?   |   |
|   |   |
|   |   |
| parated, high<br>gh priority                    |   |
|   |   |
| te before light-<br>ed to develop<br>nate plan. | Interim lighting could be provided.<br>All lighting except foundations<br>could be reused. Obtained Biologi-<br>cal Opinion that Lynx will not be<br>adversely affected by lighing project.<br>Mitigation required. |
| operations                                      | Will further investigate weaving  |
| nt to support                                   | operations and potential for sep-   |
| ed operations.                                  | aration.  |
|   |   |
|   | Will be lighted by high mast lights for tunnel approach lighting project  |
|   |   |
|   |   |
| use   |   |
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|   |   |

|     |   | I-70 Chain Station Phase 2 Matrix<br>Draft 3/5/08 |           |                |              |          |  |            |            |                        |
|-----|---|---|-----------|----------------|--------------|----------|--|------------|------------|------------------------|
|     |   |   |           |                |              |          |  |            |            |                        |
|     |   | Frequen   | cy of Use | Safet          | y Considera  | tions    |  |            |            |                        |
|     |   |   |           |                | Potential    |          |  |            | New        |                        |
|     |   | Chain Law   | Trucks/   | Separated/     | Speed        | Sight    |  |            | Signage on | Worksh                 |
| EB/ |   | Events/Yr   | Event     | Non-separ-     | Differential | Distance |  |            | Project    | Comme                  |
| WB  | Location                                | (L/M/H)   | (L/M/H)   | ated           | (L/M/H)      | (L/M/H)  | Constraints                                | Yes/No     | (Yes/No)   | Lighting               |
|     | <b>FBOUND</b>                           |   |           | aleu           | (Ľ/101/11)   |          | Constraints                                | 163/110    | (163/140)  | Lighting               |
|     | MP 177 Vail                             | High  | High      | Non-separated  | High         | High     | Existing Fiber Optic                       | No         | Yes        | Work wit               |
| VVD | (Chain-down)                            | підп  | підп      | Non-separateu  |              | підп     | Power Availability                         | Yes        | 165        | Vail and               |
|     |   | -   |           |                |              |          | Exposed to Runaway Trucks                  | No         |            | associati              |
|     |   |   |           |                |              |          | Wildlife                                   | No         |            | a3500iati              |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | Yes        |            |                        |
|     |   |   |           |                |              |          | Environmental                              | No         |            |                        |
|     |   |   |           |                |              |          | Physical Constraints                       | Yes        |            |                        |
| WB  | MP 196 Near Copper Mtn.                 | High  | High      | Separated      | N/A          | N/A      | Existing Fiber Optic                       | Expected   | Yes        | Light it               |
|     | (Chain-up)                              |   |           |                |              |          | Power Availability                         | Yes        |            |                        |
|     |   |   |           |                |              |          | Exposed to Runaway Trucks                  | No         |            |                        |
|     |   |   |           |                |              |          | Wildlife                                   | No         |            |                        |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | No         |            |                        |
|     |   |   |           |                |              |          | Environmental                              | No         |            |                        |
|     |   |   |           |                |              |          | Physical Constraints                       | No         |            |                        |
| WB  | MP 213 west of EJMT                     | High  | Low       | Separated      | N/A          | N/A      | Existing Fiber Optic                       | Yes        | No         | Used a lo              |
|     | (Chain-down)                            |   |           |                |              |          | Power Availability                         | Yes        |            | for multi              |
|     |   |   |           |                |              |          | Exposed to Runaway Trucks                  | No         |            | location of            |
|     |   |   |           |                |              |          | Wildlife                                   | No         |            | path. Cor              |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | No         |            | to wildlife            |
|     |   |   |           |                |              |          | Environmental                              | No         |            |                        |
|     |   |   |           |                |              |          | Physical Constraints                       | No         |            |                        |
| WB  | MP 219 Herman Gulch                     | High  | High      | Non-separated  | Medium       | High     | Existing Fiber Optic                       | Yes        | Yes        | Low prior              |
|     | (Chain-up)                              |   |           |                |              |          | Power Availability                         | Yes        |            | develop a              |
|     |   |   |           |                |              |          | Exposed to Runaway Trucks                  | No         |            | plan.                  |
|     |   |   |           |                |              |          | Wildlife                                   | Lynx       |            |                        |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | Yes        |            |                        |
|     |   |   |           |                |              |          | Environmental<br>Developed Constraints     | No         |            |                        |
|     | MD 224 West of Dation ille              | Lliab   | Lliab     | Non concrete - | Madium       |          | Physical Constraints                       | Yes        | Vaa        | Louistic               |
| WB  | MP 221 West of Bakerville<br>(Chain-up) | High  | High      | Non-separated  | Medium       | Low      | Existing Fiber Optic<br>Power Availability | Yes<br>Yes | Yes        | Low prior<br>issues. R |
|     |   | -   |           |                |              |          | ,  | No         |            | further co             |
|     |   | 1   |           | 1              |              |          | Exposed to Runaway Trucks<br>Wildlife      | NO         |            |                        |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | Yes        |            |                        |
|     |   |   |           |                |              |          | Environmental                              | No         |            |                        |
| WB  | MP 223 East of Existing VMS             | High  | High      | Non-separated  | Medium       | Low      | Existing Fiber Optic                       | Yes        | No         | Lighting               |
|     | (Chain-up)                              |   |           |                |              |          | Power Availability                         | Yes        |            | beneficia              |
|     |   | 1   |           | 1              |              |          | Exposed to Runaway Trucks                  | No         |            | operation              |
|     |   |   |           |                |              |          | Wildlife                                   | No         |            | sporador               |
|     |   |   |           |                |              |          | Right-of-Way Constrained                   | Yes        |            |                        |
|     |   |   |           | 1              |              |          | Environmental                              | No         |            |                        |

| shop<br>nents on<br>ng                       | Comments  |
|--|---|
| rith the Town of<br>d homeowner<br>ation.    | Chain station being constructed in<br>2008 under separate project. Sign-<br>ing part of that project too. Lighting      |
|  | is not part of that project.  |
|  |   |
|  |   |
| lot. Should light                            | Scheduled for construction in 2009  |
| ti use. Move                                 |   |
| onsider impacts<br>fe.                       |   |
| ority. Need to<br>and ultimate               | Obtained Biological Opinion that<br>Lynx will not be adversely affected<br>by lighting project. Mitigation<br>required. |
| ority. Wildlife<br>Requires                  | Need to understand what further consideration is necessary and  |
| consideration.                               | why it was judged a low priority.   |
| g would be<br>ial to support<br>ons and use. |   |
|  |   |

|           |   |                                   |                             |                                  | I-7(  |                              | ation Phase 2 Matrix<br>aft 3/5/08   |  |  |                               |
|-----------|---|-----------------------------------|-----------------------------|----------------------------------|---|------------------------------|--|--|--|-------------------------------|
|           |   | Frequen                           | cy of Use                   | Safet                            | y Considera                                   | ations                       |  |  |  |                               |
| EB/<br>WB | Location  | Chain Law<br>Events/Yr<br>(L/M/H) | Trucks/<br>Event<br>(L/M/H) | Separated/<br>Non-separ-<br>ated | Potential<br>Speed<br>Differential<br>(L/M/H) | Sight<br>Distance<br>(L/M/H) | Constraints  | Yes/No                                   | New<br>Signage or<br>Project<br>(Yes/No) | n Worksh<br>Comme<br>Lighting |
| WB        | MP 228 Georgetown<br>(Chain-up)                 | High                              | High                        | Separated                        | N/A   | N/A                          | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints | Yes<br>Yes<br>No<br>No<br>No<br>No<br>No | No                                       | High pric                     |
| WB        | MP 254 Buffalo Overlook<br>(Chain-up and -down) | Medium                            | Medium                      | Separated                        | N/A   | N/A                          | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints | Yes<br>Yes<br>No<br>No<br>No<br>No<br>No | No                                       | Priority                      |
| WB        | MP 260 C470WB<br>(Chain-up)                     | Medium                            | Low                         | Non-separated                    | High  | Medium                       | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints |  | No                                       | Contact                       |
| WB        | MP 263WB Denver West<br>(Chain-up)              | Medium                            | Low                         | Non-separated                    | High  | Low                          | Existing Fiber Optic<br>Power Availability<br>Exposed to Runaway Trucks<br>Wildlife<br>Right-of-Way Constrained<br>Environmental<br>Physical Constraints |  | No                                       | Contact I                     |

| shop<br>nents on<br>ng | Comments                              |
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| riority                |                                       |
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|                        |                                       |
|                        |                                       |
|                        |                                       |
| t Region 6             | As a secondary site in Region 6,      |
|                        | this site will be deferred along with |
|                        | MP 263WB Denver West.                 |
|                        |                                       |
|                        |                                       |
|                        |                                       |
| t Region 6             | Due to concerns over lighting in      |
|                        | residential areas and because no      |
|                        | contact has been made with resi-      |
|                        | dents yet, this site will be deferred |
|                        | to a later time.                      |
|                        |                                       |
|                        |                                       |