

**APPENDIX K:**

**SECTION 368 ENERGY CORRIDOR REVISIONS**

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SECTION 368 ENERGY CORRIDOR REVISIONS**

**TABLE K-1 Changes in EPA Act Section 368 Energy Corridors between Draft and Final Versions of the PEIS<sup>a</sup>**

| State   | Corridor | Map Key  | Change   | Rationale  | Participants             | Acres Added | Acres Removed |
|---------|----------|----------|--|--|--------------------------|-------------|---------------|
| Arizona | 30-52    | D-9, E-9 | Revised centerline and increased width.                                    | Adjust to fit the locally designated corridor and likely reduce potential impacts from future corridor development within Section 368 energy corridor 30-52 on the Colorado River Reservation.     | BLM, Public, and Tribal  | 21,728      | 20,430        |
| Arizona | 41-46    | D-8      | Revised centerline, increased width, and changed mode to underground only. | Avoid crossing Havasu NWR and Tribal sacred site near Topock by following locally designated corridor northward to cross Colorado River near Davis Dam. Revised mode as specified in Kingman plan. | FWS, BLM, Tribal, Public | 16,896      | 1,808         |
| Arizona | 41-47    | D-8      | Revised centerline.  | Avoid the implied crossing of Fort Mojave Reservation.   | FWS, BLM, Tribal, Public | 2,667       | 763           |
| Arizona | 46-269   | E-8      | Increased width and changed mode to underground only.                      | Adjust to fit the locally designated corridor.   | BLM                      | 2,672       | 3             |
| Arizona | 46-270   | E-8, E-9 | Truncated near Bagdad.   | Avoid long gaps between isolated parcels of federal land.  | BLM and Project Mgt.     | 0           | 2,449         |
| Arizona | 47-231   | D-8, E-8 | Increased width and changed mode to electric only.                         | Adjust to fit the locally designated corridor.   | BLM                      | 6,700       | 140           |
| Arizona | 62-211   | E-8, F-8 | Removed corridor notation on Coconino NF from Appendix A.                  | Corridor does not cross the Coconino NF.   | FS                       | 0           | 0             |

**TABLE K-1 (Cont.)**

| State      | Corridor | Map Key       | Change   | Rationale   | Participants              | Acres Added | Acres Removed |
|------------|----------|---------------|--|---|---------------------------|-------------|---------------|
| Arizona    | 115-238  | D-9           | Revised centerline and increased width.  | Adjust to fit the locally designated corridor and likely reduce potential impacts from future corridor development within Section 368 energy corridor 115-238 on the Fort Yuma Reservation. | BLM and Tribal            | 3,249       | 2,713         |
| Arizona    | 116-206  | E-7           | Revised centerline and reduced width.  | Avoid Johnson Spring ACEC.  | Project Mgt.              | 0           | 90            |
| Arizona    | 234-235  | E-10          | Revised centerline, and truncated north of Coronado NF.                                      | Better source data for location was provided. Avoid long gaps between isolated parcels of federal land.   | Project Mgt. and FS       | 2,834       | 2,608         |
| California | 3-8      | B-5           | Reduced width and truncated north of Pongosa.  | Avoid a roadless area and avoid long gaps between isolated parcels of federal land.   | FS and Project Mgt.       | 0           | 1             |
| California | 4-247    | A-4, B-3, B-4 | Truncated north of Medford, OR so this corridor no longer exists in CA.                      | Likely reduce potential impacts from future corridor development to Cascade-Siskiyou National Monument and avoid long gaps between isolated parcels of federal land.                        | BLM, FS, and Public       | 0           | 401           |
| California | 6-15     | B-6           | Adjusted local designation.  | Conform with agency planning.   | FS                        | 7,106       | 2             |
| California | 8-104    | B-5           | Reduced width.   | Avoid roadless area.  | FS                        | 0           | 247           |
| California | 15-104   | B-5           | Revised centerline.  | Adjust to adjacent revision in NV.  | Public, BLM, Project Mgt. | 687         | 719           |
| California | 16-104   | B-5           | Revised centerline.  | Adjust to adjacent revision in NV.  | Public, BLM, Project Mgt. | 1,989       | 1,469         |
| California | 18-23    | C-6, C-7, C-8 | Revised centerline, reduced width in some locations, and increased width in other locations. | Avoid roadless areas and WSAs, and adjust to fit the locally designated corridor.   | FS and BLM                | 25,190      | 1,790         |

**TABLE K-1 (Cont.)**

| State      | Corridor | Map Key  | Change  | Rationale   | Participants             | Acres Added | Acres Removed |
|------------|----------|----------|---|---|--------------------------|-------------|---------------|
| California | 23-25    | C-8      | Revised centerline and increased width.   | Adjust to fit the locally designated corridor.  | BLM                      | 38,226      | 309           |
| California | 23-106   | C-8      | Revised centerline and increased width.   | Adjust to fit the locally designated corridor.  | BLM                      | 25,915      | 55            |
| California | 27-41    | D-8      | Moved about ten miles south to a parallel, locally designated corridor; revised and extended at east end; increased width in most locations and reduced width in some locations; and changed use to multimodal. | Part of revisions to avoid Havasu NWR, a Tribal sacred site near Topock, and the implied crossing of Fort Mojave Reservation. Adjusted to fit locally designated corridors, avoid protected areas, and provide more ROW capacity. | FWS, BLM, Tribal, Public | 129,572     | 31,493        |
| California | 27-225   | D-8      | Revised centerline; increased width generally and reduced width in some locations; and changed to multimodal.   | Adjust to fit the locally designated corridor location and use, and avoid protected areas.  | BLM and Public           | 77,355      | 6,570         |
| California | 27-266   | C-8, D-8 | Revised centerline and increased width.   | Adjust to fit the locally designated corridor.  | BLM                      | 16,195      | 4             |
| California | 30-52    | D-9      | Revised centerline and, increased width generally, and reduced width in some locations.   | Adjust to fit the locally designated corridor, avoid protected areas, and likely reduce potential impacts from future corridor development within Section 368 energy corridor 30-52 on the Agua Caliente Reservation.             | BLM and Tribal           | 49,379      | 9,839         |
| California | 41-46    | D-8      | Removed.  | Avoid crossing Havasu NWR and Tribal sacred site near Topock by following locally designated corridor northward to cross Colorado River near Davis Dam.   | FWS, BLM, Tribal, Public | 0           | 3,728         |
| California | 41-47    | D-8      | Removed.  | Avoid the implied crossing of Fort Mojave Reservation.  | FWS, BLM, Tribal, Public | 0           | 1,583         |

**TABLE K-1 (Cont.)**

| State      | Corridor             | Map Key  | Change  | Rationale   | Participants                  | Acres Added | Acres Removed |
|------------|----------------------|----------|---|---|-------------------------------|-------------|---------------|
| California | 101-263              | A-5      | Reduced width in one location.  | Avoid roadless area.  | FS                            | 0           | 166           |
| California | 108-267              | C-8      | Increased width generally and reduced width in some locations.                    | Avoid roadless area and provide more ROW capacity.  | FS and Project Mgt.           | 7,669       | 519           |
| California | 115-238              | D-9      | Revised centerline and increased width.   | Adjust to fit the locally designated corridor and likely reduce potential impacts from future corridor development within Section 368 energy corridor 115-238 on the Fort Yuma Reservation. | BLM and Tribal                | 73,753      | 2,304         |
| California | 261-262              | B-5      | Reduced width in some locations.  | Avoid roadless area.  | FS                            | 0           | 41            |
| Colorado   | 87-277               | G-6      | Removed corridor notation on Rio Grande NF from Appendix A.                       | Corridor does not cross the Rio Grande NF.  | FS                            | 0           | 0             |
| Colorado   | 130-274, 130-274 (E) | F-6, F-7 | Provided a parallel, underground-only segment and deleted isolated parcels.       | Reduce visual impacts and provide more flexibility for ROW location.  | County, BLM, FS, Project Mgt. | 1,960       | 200           |
| Colorado   | 132-133              | F-5      | Revised designation.  | Correction to local designation.  | BLM                           | 0           | 0             |
| Colorado   | 132-276              | G-6      | Increased acreage.  | Change in federal ownership pattern.  | BLM                           | 436         | 3             |
| Colorado   | 144-275              | G-6      | Revised centerline, reduced width, and changed mode.                              | Avoid roadless areas, and make mode consistent with local planning.   | FS                            | 57          | 3,133         |
| Idaho      | 29-36                | D-4      | Revised centerline, truncated corridor at the north end, and changed designation. | Likely reduce potential impacts from future corridor development to the Oregon Trail, and corrected to reflect lack of local designation.   | BLM, NPS, Public              | 8,096       | 15,442        |
| Idaho      | 36-228               | D-4      | Revised centerline in several places and reduced width in some locations.         | Likely reduce potential impacts from future corridor development to Snake River Birds of Prey NCA and avoid implied crossing of Bruneau Dunes State Park.                                   | BLM, State, Public            | 3,059       | 6,439         |

**TABLE K-1 (Cont.)**

| State   | Corridor                          | Map Key  | Change  | Rationale  | Participants           | Acres Added | Acres Removed |
|---------|-----------------------------------|----------|---|--|------------------------|-------------|---------------|
| Idaho   | 49-112                            | E-4      | Increased acreage.  | Change in federal ownership pattern.   | BLM                    | 630         | 76            |
| Idaho   | 49-202                            | E-4      | Decreased acreage.  | Change in federal ownership pattern.   | BLM                    | 0           | 3,123         |
| Idaho   | 50-203                            | E-3      | Increased width.  | Provide additional capacity for ROWs.  | FS                     | 2,115       | 1             |
| Idaho   | 50-260                            | E-3, E-4 | Deleted corridor entirely.  | Avoid potential impacts to sage grouse and other sensitive species.  | BLM, Public            | 0           | 11,082        |
| Idaho   | 229-254, 229-254 (N), 229-254 (S) | D-2      | Decreased width generally and changed mode on two short segments that connect to split corridor in Montana. The northern short segment was added, and follows an existing transmission line. The southern short segment mode was changed to "underground only." | Provide consistency with planned local designation, and transition to split corridor in adjacent Montana.                | FS                     | 297         | 2,291         |
| Idaho   | 252-253                           | E-4      | Deleted corridor entirely.  | Avoid potential impacts to sage grouse and other sensitive species.  | BLM, Public            | 0           | 11,469        |
| Montana | 50-51                             | E-3      | Increased width.  | Provide increased capacity for ROWs.   | BLM, Project Mgt.      | 859         | 1             |
| Montana | 50-203                            | E-3      | Revised centerline and increased width.   | Avoid potential impacts to high-value agricultural land, reduce visual impacts, and provide increased capacity for ROWs. | BLM, State, FS, Public | 5,795       | 965           |
| Montana | 50-260                            | E-3      | Entire corridor deleted.  | Avoid FS roadless areas, a BLM WSA, and avoid potential impacts to sensitive wildlife species.                           | FS, BLM, State, Public | 0           | 10,103        |

**TABLE K-1 (Cont.)**

| State   | Corridor                          | Map Key  | Change  | Rationale  | Participants           | Acres Added | Acres Removed |
|---------|-----------------------------------|----------|---|--|------------------------|-------------|---------------|
| Montana | 229-254, 229-254 (N), 229-254 (S) | D-2, E-2 | Isolated parcels in the draft corridor between Drummond and Alberton were removed; the mode was changed to "underground only," the width was reduced, and a (S) designation was added to the corridor number. A new electric-only route was added, following an existing 500-kV transmission line, extending from Radersburg to Idaho. In the portion parallel with 229-254 (S), this corridor has a (N) designation. | Reduce visual impacts along I-90, reduce soils-related impacts from underground development in mountainous areas, and avoid roadless areas.                          | FS, BLM, State, Public | 19,225      | 7,699         |
| Nevada  | 6-15                              | B-6      | Deleted a small isolated parcel.  | Provide more flexibility for ROW location.   | Project Mgt.           | 0           | 7             |
| Nevada  | 15-17                             | C-6      | Changes in area.  | Change in federal ownership pattern.   | BLM                    | 556         | 2,586         |
| Nevada  | 15-104                            | B-5      | Revised centerline.   | Align more closely with existing infrastructure, and likely reduce potential impacts within Section 368 energy corridor 15-104 from future corridor development.     | Public and BLM         | 2,416       | 3,492         |
| Nevada  | 16-24                             | C-5      | Revised centerline and reduced width.   | Likely reduce potential impacts from future corridor development within Section 368 energy corridor 16-24 on Black Rock Desert-High Rock Canyon Emigrant Trails NCA. | BLM and Public         | 3,430       | 7,829         |
| Nevada  | 16-104                            | B-5, C-5 | Revised portion of centerline and reduced width in another location.  | Reduce visual impacts.   | Public and BLM         | 7,900       | 9,417         |
| Nevada  | 17-35                             | C-5, D-5 | Changes in area.  | Change in federal ownership pattern. Corrected designation on small portion on Humboldt NF.  | BLM and FS             | 1,485       | 3,910         |

**TABLE K-1 (Cont.)**

| State      | Corridor    | Map Key       | Change                                  | Rationale   | Participants            | Acres Added | Acres Removed |
|------------|-------------|---------------|---|---|-------------------------|-------------|---------------|
| Nevada     | 18-23       | C-6, C-7, C-8 | Revised centerline and reduced width.   | Avoid roadless areas.   | FS                      | 2,080       | 3,067         |
| Nevada     | 18-224      | C-7           | Revised centerline.                     | Adjust to fit the locally designated corridor and likely reduce potential impacts on wildlife habitat.  | BLM                     | 38,532      | 41,149        |
| Nevada     | 37-232      | D-7           | Reduced width.                          | Avoid crossing Desert NWR.  | Project Mgt.            | 0           | 2,769         |
| Nevada     | 39-231      | D-7           | Reduced width.                          | Fit corridor within 500' pathway through the Sunrise Mountain ISA (Instant Study Area with same protection as WSA).<br>Adjust to fit the locally designated corridor and provide more ROW capacity. Changes in federal land area. | Public, Project Mgt.    | 60          | 1,213         |
| Nevada     | 43-44       | D-5           | Revised to multimodal, changes in area. | Adjust to fit the locally designated corridor and provide more ROW capacity. Changes in federal land area.  | BLM and Public          | 883         | 175           |
| Nevada     | 44-239      | D-5           | Revised to multimodal, changes in area. | Adjust to fit the locally designated corridor and provide more ROW capacity. Changes in federal land area.  | BLM and Public          | 2,309       | 408           |
| Nevada     | 110-114     | D-6           | Reduced width.                          | Avoid roadless areas.   | FS                      | 1,313       | 3,088         |
| Nevada     | 232-233 (W) | D-7           | Reduced width.                          | Avoid crossing Desert NWR.  | Project Mgt.            | 0           | 46            |
| New Mexico | 80-273      | G-8           | Truncated north of Zia Pueblo.          | Avoid long gaps between isolated parcels of federal land.   | BLM, Tribal, Public     | 0           | 2,844         |
| New Mexico | 81-83       | G-9           | Deleted entire corridor.                | Avoid Organ-Franklin Mountains ACEC and adjust to revised corridor 81-272.  | Public and Project Mgt. | 0           | 2,528         |

**TABLE K-1 (Cont.)**

| State      | Corridor | Map Key       | Change   | Rationale  | Participants                        | Acres Added | Acres Removed |
|------------|----------|---------------|--|--|-------------------------------------|-------------|---------------|
| New Mexico | 81-272   | G-9           | Revised centerline in several locations in the southern portion of the corridor. | Avoid Organ-Franklin Mountains and Dona Ana Mountains ACECs and reduce visual impact to El Camino Real de Tierra National Trail. | Congressional, Public, Project Mgt. | 4,301       | 6,785         |
| Oregon     | 4-247    | B-4           | Truncated north of Medford.  | Reduce potential impacts to Cascade-Siskiyou National Monument and avoid long gaps between isolated parcels of federal land.     | BLM, FS, Public                     | 0           | 623           |
| Oregon     | 10-246   | B-3           | Reduced width.   | Avoid roadless area.   | FS                                  | 0           | 1             |
| Oregon     | 11-103   | B-3           | Truncated near Prineville.   | Avoid long gaps between isolated parcels of federal land.  | Project Mgt.                        | 0           | 1,728         |
| Oregon     | 7-24     | B-4           | Relocated to the north near Lakeview.  | Avoid FS roadless area.  | FS and BLM                          | 6,833       | 5,711         |
| Oregon     | 24-228   | C-4           | Truncated and adjusted centerline and reduced width.                             | Likely reduce potential impacts on two WSAs.   | BLM and Project Mgt.                | 0           | 1,913         |
| Oregon     | 227-249  | C-3           | Deleted entire corridor.   | Avoid potential impacts to fisheries habitat and a Tribal sacred site.   | FS, Tribal, Project Mgt.            | 0           | 3,263         |
| Oregon     | 230-248  | B-3           | Revised centerline location and reduced corridor width in one location.          | Reduce potential resource impacts and avoid protected areas.   | FS, BLM, Public                     | 13,993      | 14,959        |
| Oregon     | 250-251  | C-3           | Truncated south of Baker City.   | Avoid long gaps between isolated parcels of federal land.  | Project Mgt.                        | 0           | 279           |
| Utah       | 66-212   | E-5, F-6, F-7 | Reduced width; truncated west of UT/CO state line. Increased acreage.            | Avoid roadless areas and long gaps between isolated parcels of federal land. Change in federal ownership pattern.                | FS, Public, Project Mgt.            | 4,009       | 1,374         |
| Utah       | 66-259   | E-5           | Reduced width.   | Avoid roadless areas.  | FS                                  | 3,266       | 3,478         |
| Utah       | 113-114  | E-7           | Reduced width.   | Avoid roadless areas.  | FS                                  | 0           | 5,656         |

**TABLE K-1 (Cont.)**

| State              | Corridor           | Map Key    | Change   | Rationale   | Participants               | Acres Added | Acres Removed  |
|--------------------|--------------------|------------|--|---|----------------------------|-------------|----------------|
| Utah               | 114-241            | E-6        | Relocated up to 23 miles to the west in Millard County and placing it west of Delta. | Reduce impacts to urban development and areas with significant cultural resource values.                                | BLM, State, County, Public | 37,823      | 20,765         |
| Utah               | 116-206            | E-5, E-6   | Truncated at north end, adjusted centerline, and reduced width. Increased acreage.   | Avoid long gaps between isolated parcels of federal land and avoid roadless areas. Change in federal ownership pattern. | FS and Project Mgt.        | 7,297       | 1,748          |
| Utah               | 126-218            | F-5        | Revised centerline and reduced width.  | Avoid areas with wilderness character identified in RMP.  | BLM and Public             | 9,366       | 13,677         |
| Utah<br>Washington | 256-257<br>244-245 | E-5<br>B-2 | Reduced width. Shifted to the south.   | Avoid roadless areas. Provide more space for wildlife habitat enhancements and other improvements to the I-90 ROW.      | FS<br>FS and State         | 0<br>419    | 1,387<br>1,150 |
| Wyoming            | None               | N/A        | N/A  | N/A   | N/A                        | 0           | 0              |

<sup>a</sup> Shaded text indicates portions of the document that underwent revision between the draft and the final PEIS in response to comments received during the public comment period as well as additional information provided by local federal land managers and resource specialists.

**TABLE K-2 Corridor Changes Requested during the Public Comment Period Which Were Considered But Not Made**

| Document(s)   | Corridor(s)   | Rationale   |
|---|---|---|
| Oregon Natural Desert Association   | 11-228  | This corridor does not intersect any protected areas, as stated by the commentor, and was not changed.  |
| Kathleen Chandler;<br>Lloyd Stradley;<br>Nick Dobric;<br>Thomas J. Sandusky;<br>Shelagh Lampshire;<br>William Belknap | 223-224   | This corridor does intersect the Desert National Wildlife Range (NWR), as indicated by several commentors, but remains unchanged because of competing priorities that could not be resolved. The corridor will not be designated within the NWR unless and until further action by USFWS. |
| Michael D. Smith  | 112-226, 36-112, 113-116, 224-225, 37-39, 39-113, 61-207, 55-240, 121-240 | These corridors were not revised in response to concerns about their proximity to national historic trails, but specific mitigation regarding cultural and visual resources related to national trails will be addressed during project-specific analysis.                                |
| Western Resource Advocates  | 121-221   | Although this corridor is parallel to one nearby designated for electric-only use, it is needed for multimodal energy transport including pipelines. Mitigation regarding visual and other values associated with the Red Desert will be addressed during project-specific analysis.      |
| Daniel R. Serres  | 5-201, 230-248  | There is no assumed connection across nonfederal lands between these two corridors, as proposed by the commentor. Proponents of specific projects would be required to negotiate any rights to cross private lands, in accordance with state and local laws and regulations.              |