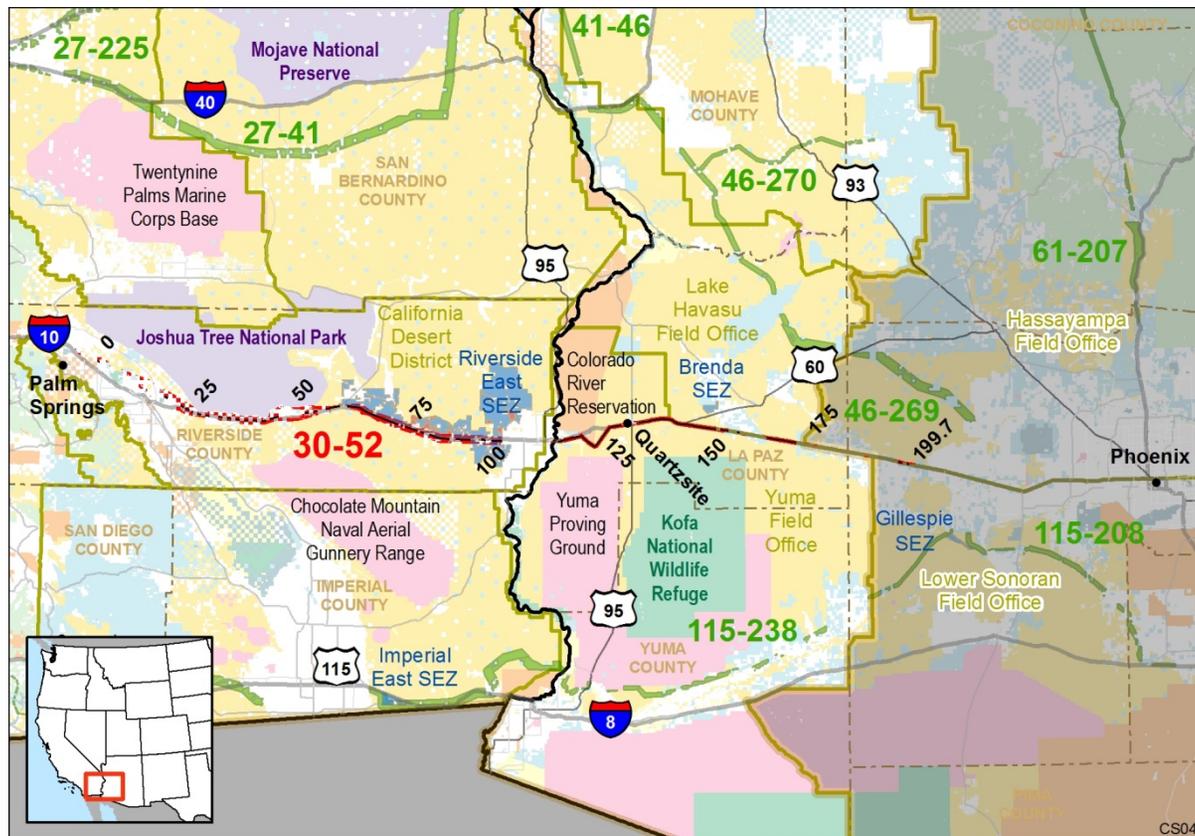


# Corridor 30-52

*Palo Verde - Palm Springs*

## Introduction

Corridor 30-52 extends west-east along Interstate 10 (I-10) from Palm Springs in southern California to the Palo Verde Nuclear Generating Station and the western suburbs of Phoenix in central Arizona. Federally-designated portions of this corridor are entirely on BLM-administered land, with a 10,560-ft width over most of its extent in California, and 5,280 ft-width in Arizona. It is designated as a multi-modal corridor that can accommodate both electrical transmission and pipeline projects. The corridor spans a 199.7-mile distance, with 97.7 designated centerline miles. The designated area is 949,793 acres/148.4 square miles. This corridor is in Riverside County in California, and La Paz and Maricopa Counties in Arizona. BLM jurisdictions include the California Desert District in California and the Lake Havasu, Lower Sonoran, Hassayampa, and Yuma Field Offices in Arizona. This corridor is primarily in Priority Region 1, but extends into Priority Region 2 between mileposts (MP) 174.0 and 199.7.



**Figure 1. Corridor 30-52** (Key for Figures 1-3 can be found on the last page of the abstract)

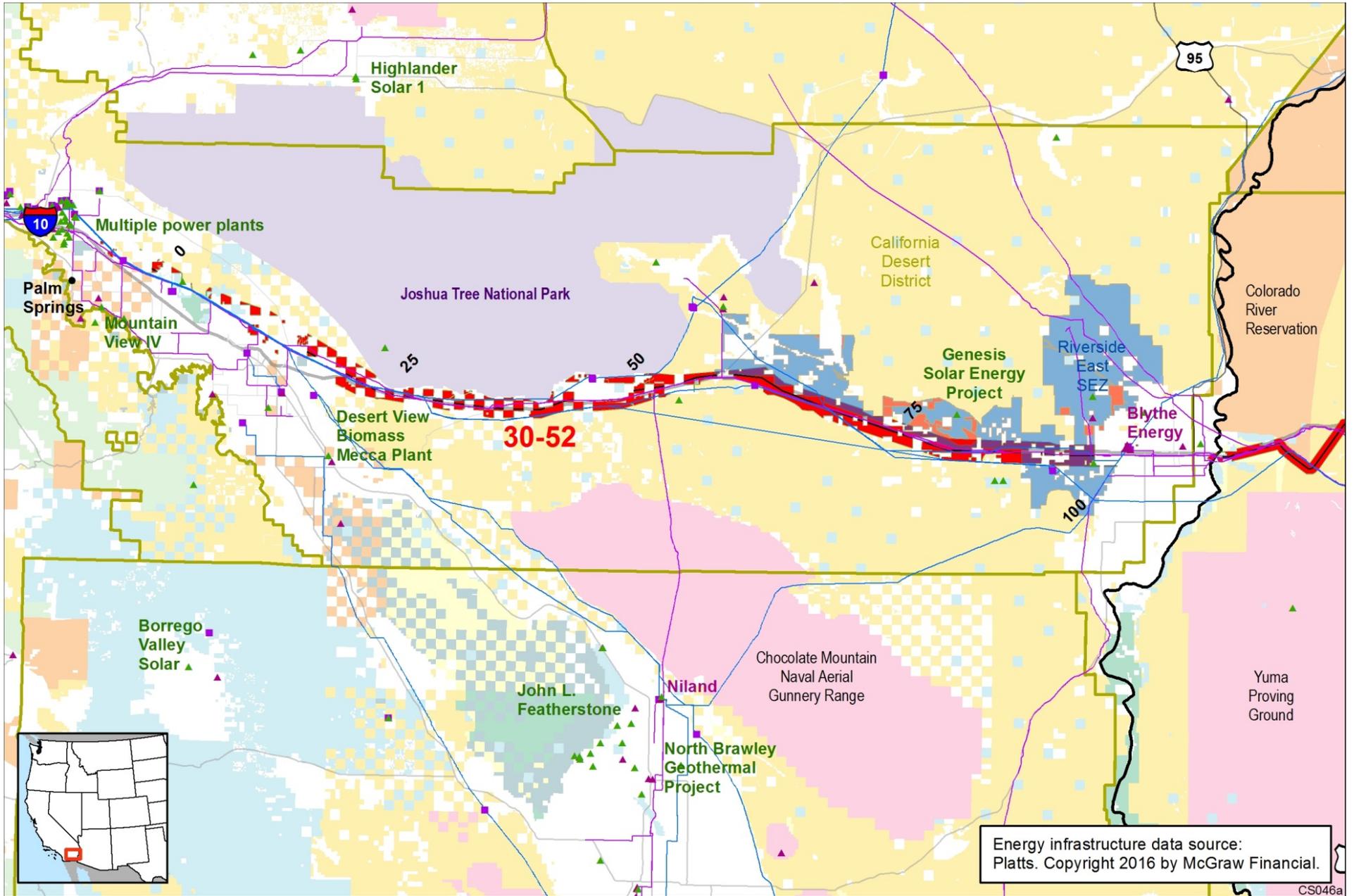


Figure 2. West portion of Corridor 30-52, including existing energy infrastructure

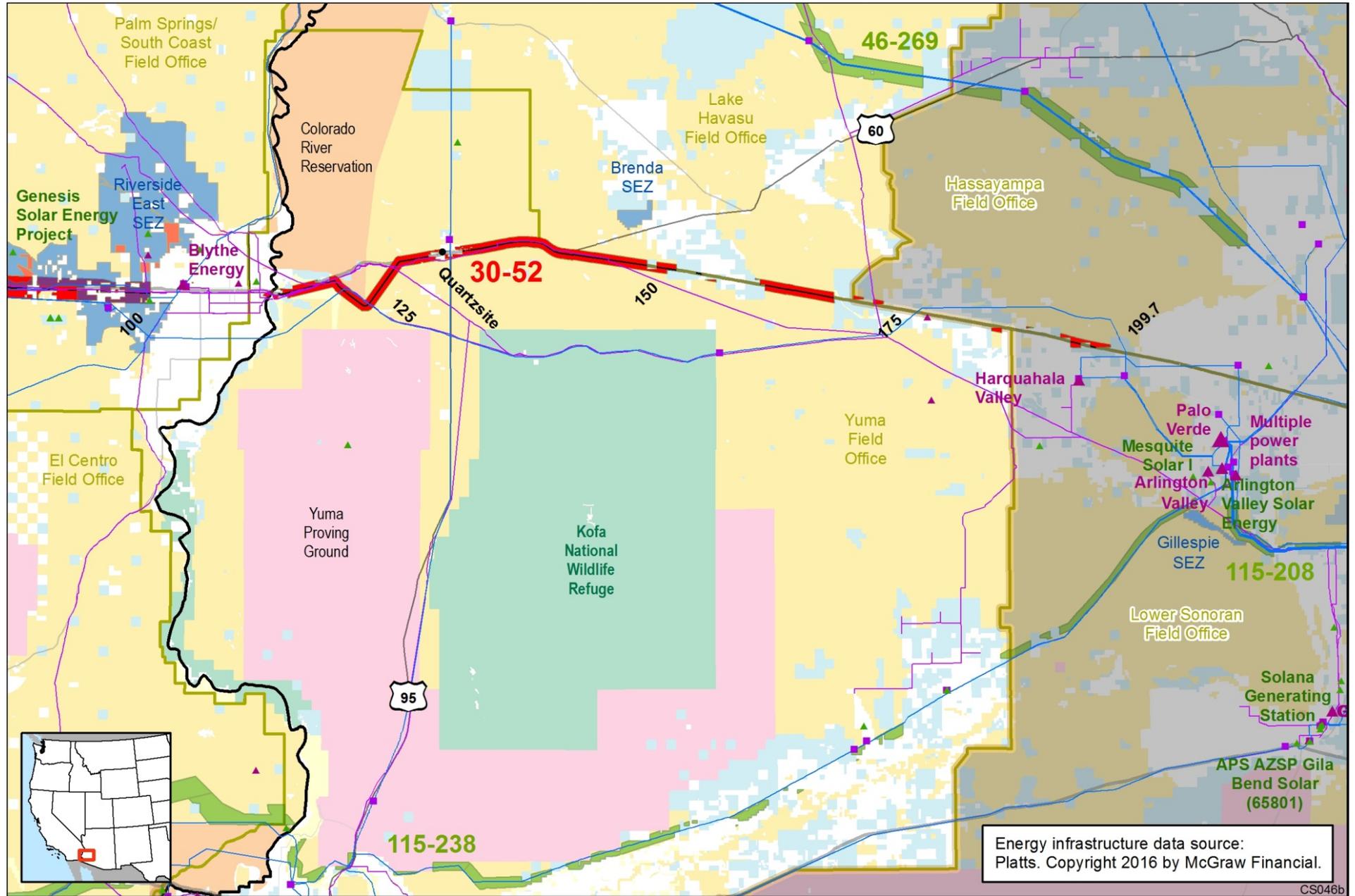


Figure 3. East portion of Corridor 30-52, including existing energy infrastructure

## Corridor Rationale

During scoping for the WWEC PEIS, routes generally following this route were suggested by the American Wind Energy Association; New Mexico Energy, Minerals, and Natural Resources Department; and the Western Utility Group. Current infrastructure occupying parts of the corridor includes I-10, transmission lines operated by the Metropolitan Water District (230 kV), and the Southern California Edison Company (115 to 500 kV); and natural gas pipelines operated by El Paso, and Southern California Gas Company. Southern California Edison Company recently completed a 500-kV project within parts of the corridor in California between the Devers and Colorado River substations.

Within the California Desert District, the BLM Palm Springs-South Coast Field Office has received 24 ROW applications using Corridor 30-52 since publication of the PEIS. Two of the applications were entirely in the corridor, while the others were partly within it.

Several new applications were filed for energy storage or production within the corridor and adjacent to substations that are between 5 and 25 Megawatts. Given that many of the utility companies are on target or exceeding their target for providing a percentage of the energy portfolio with renewable energy, not many new, large power purchase agreements are being issued. However, the utility companies are going out with smaller PPAs, which have modified the types of projects being proposed on public lands.

Five major transmission lines and several major natural gas pipelines run through the corridor. Many of the energy production projects along the I-10 and Riverside East Solar Energy Zone have generation-tie lines that use the corridors, which create congestion near the major substations (Red Bluff and Colorado River). This congestion is compounded by the Mecca Hills and Orocopia Wilderness and Joshua Tree National Park reducing the size of and potential for increasing the size of the corridor.

## Corridor of Concern Status

This corridor was not identified in the Settlement Agreement as a Corridor of Concern.

## Corridor Analysis

### Energy Planning Opportunities

- Appropriate and acceptable uses
- WWEC Purpose (e.g., renewable energy)
- Transmission and pipeline capacity opportunity

### Energy Planning Concerns

- Physical barrier
- Jurisdictional concern
- Corridor alignment and spacing
- Transmission and pipeline capacity concern

### Land Management Responsibilities and Environmental Concerns

- Acoustics
- Air quality
- Climate change
- Cultural resources
- Ecological resources
- Environmental Justice
- Hydrological resources
- Lands and Realty
- Lands with wilderness characteristics

### Livestock Grazing

- Paleontology
- Public Access and Recreation
- Socioeconomics
- Soils/erosion
- Specially designated areas
- Tribal concerns
- Visual resources
- Wild horses and burros

### Interagency Operating Procedures

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
<b>ENERGY PLANNING OPPORTUNITIES</b>							
<i>Appropriate and Acceptable Uses</i>							
30-52 .001	BLM	California Desert District, CA	Riverside, CA	The Riverside East Solar Energy Zone (SEZ) overlaps the corridor	MP 60.1 to 99.8	GIS Analysis	Opportunity
<i>WWEC Purpose</i>							
30-52 .002	BLM	California Desert District, CA	Riverside, CA	Nearest transmission corridor for facilitating development in the Riverside East SEZ in California	MP 60.1 to 99.8	GIS Analysis	Opportunity - Most of the projects are aligned along I-10 including two major substations.
30-52 .003	BLM	Yuma FO, AZ	Yuma, AZ	Nearest transmission corridor for facilitating development in the Brenda SEZ in Arizona	2.7 miles from SEZ between MP 150.2 and 154.3	GIS Analysis	Opportunity
30-52 .004	BLM	Yuma FO, AZ	Yuma, AZ	Nearest Transmission Corridor to a Renewable Energy Development Area (REDA) per the Restoration Design Energy Project (RDEP)		GIS Analysis	Opportunity
<b>ENERGY PLANNING CONCERNS</b>							
<i>Location-Specific Physical Barrier</i>							
30-52 .005	BLM	California Desert District, CA	Riverside, CA	There is a bottleneck around the San Gorgonio Pass where it has been challenging in the past to site additional transmission.	San Gorgonio Pass is west of the corridor and the corridor was not designated in the pass	RFI/This corridor should be developed only if a technological solution is found to placing additional transmission infrastructure through the San Gorgonio Pass. Routing transmission anywhere else in the area would significantly impact the existing natural and biological resources;  GIS Analysis/Confirms bottleneck	Yes, this is a constraint. The San Gorgonio Pass area is constrained for additional development. There are two national monuments on either side of the interstate, so there is not much room to site a transmission line elsewhere through the pass. Future planning efforts would have to consider major re-routing alternatives for analysis to make this end-portion of the corridor viable for transmission of energy further west.

<b>ID</b>	<b>Agency</b>	<b>Agency Jurisdiction</b>	<b>County</b>	<b>Primary Concern/ Opportunity</b>	<b>Length of Affected Corridor (by Milepost [MP])</b>	<b>Source/Context</b>	<b>BLM/FS Review and Analysis</b>
30-52 .006	BLM	California Desert District, CA	Riverside, CA	Transmission infrastructure	MP 0.0 to 99.8	RFI/Large amount of existing transmission infrastructure.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52 .007	BLM	California Desert District, CA	Riverside, CA	Transmission lines, pipelines, fragmented federal land, rugged terrain, and nearby development	Between MP 0.6 and 17.7	GIS Analysis/Existing infrastructure and nearby development may limit the potential for additional projects.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52 .008	BLM	California Desert District, CA	Riverside, CA	Pipelines, transmission lines, Interstate, and rugged terrain	MP 22.1 to 29.4	GIS Analysis/Existing infrastructure may limit the potential for additional projects.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52 .009	BLM	California Desert District, CA	Riverside, CA	Pipelines, Interstate, and town of Desert Center in corridor gap	MP 60.0 to 62.6, spans town of Desert Center	GIS Analysis/Existing infrastructure may limit the potential for additional projects.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52 .0010	BLM	California Desert District, CA	Riverside, CA	Transmission lines within and crossing corridor, pipeline, and Interstate	MP 70.8 to 75.7	GIS Analysis/Existing infrastructure may limit the potential for additional projects.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52	BLM	California	Riverside,	Pipelines, transmission	MP 97.3 to 99.8, just west	GIS Analysis/Existing	Not a constraint. There is room for

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
.011		Desert District, CA	CA	lines, Interstate, and Blythe Airport	of the Blythe Airport	infrastructure may limit the potential for additional projects.	additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.).
30-52 .012	BLM	Yuma FO, AZ and CA	La Paz, AZ	Pipelines, transmission line, and Interstate	MP 111.8 to 122.0	GIS Analysis/Existing infrastructure may limit the potential for additional projects.	Not a constraint. There is room for additional projects. However, recommend future land use plans present analysis of alternatives to allow future growth (widening) and make more efficient use of the corridor (for example: collocation, siting, high density technologies, etc.). NERC spacing requirements must be considered and cathodic protection may be required on existing pipelines but those factors can be address during project design.
<b>Jurisdictional Concern</b>							
30-52 .013	BLM	California Desert District, CA	Riverside, CA	Transmission lines, pipelines, and fragmented federal land	MP 0.0, western end of corridor north of Palm Springs	GIS Analysis/Existing infrastructure and nearby development may limit the potential for additional projects.	Yes, this is a constraint. There are many linear and site ROWs within this fragmented section of corridor. Future planning efforts would have to consider major re-routing alternatives for analysis to make this end-portion of the corridor viable for transmission of energy further west..
30-52 .014		Private	La Paz, AZ	Passes directly through Quartzsite, AZ.	MP 131 to 135		Yes, this is a constraint. The Town of Quartzsite and La Paz County have both expressed concern and opposition about transmission projects in the corridor within or near Quartzsite town limits. Stated concerns center on possible negative impacts on tourism and visual resources, as well as impacts on county provided services. Some of these concerns also apply to BLM-administered lands county-wide. Strong

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
							opposition to projects in the private portion of the corridor can be expected, and both the town and the county can be expected to be cooperating agencies in any project-specific NEPA analysis.
30-52 .015	BLM and CRIT	Yuma FO, AZ and CRIT	Yuma, AZ	Copper Bottom Pass – physical and topographic constraints in addition to jurisdictional constraint with the CRIT Indian Reservation		GIS Analysis	Under review.
30-52 .016	BOR	BOR	La Paz, AZ	Central Arizona Project Aqueduct in BOR jurisdiction in line with corridor in undesignated gap	East of MP 172.8		Not a constraint. Can be addressed during project NEPA.  Also, Reclamation reviews applications for rights-of-use on Reclamation-administered land within the corridor on a case-by-case basis to ensure Reclamation projects are not impacted for example: - flood control structures on the lower Colorado River - irrigation canals (All-American and Coachella Canal O&M activities) - other facilities located inland (e.g., quarries, stockpile sites, and groundwater wells). Early coordination with Reclamation on proposed transmission lines and other facilities is encouraged.
<b>Corridor Alignment and Spacing</b>							
30-52 .017	BLM	Yuma FO, AZ and CA	La Paz, AZ	Pipelines are present in the corridor and cross from one side to the other.	MP 111.8 to 122.0	GIS Analysis/Corridor and current infrastructure are not well aligned.	Under review.
<b>Transmission and Pipeline Capacity Concern</b>							
30-52 .018				See physical barriers above	Data needed		
<b>LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS</b>							
<b>Air Quality</b>							

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
30-52 .019	BLM	California Desert District, CA	Riverside, CA	Joshua Tree Wilderness NPS Class I Area just north of the corridor	MP 37.7 to 54.0	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
<b>Ecology: Special Status Plant Species</b>							
30-52 .020	BLM	California Desert District, CA	Riverside, CA	Coachella Valley milk-vetch designated critical habitat	MP 0.0 to 6.9	RFI/Consult with USFWS to avoid adverse modification to Coachella Valley milk-vetch designated critical habitat.	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis under NEPA and consultation under ESA.
<b>Ecology: Special Status Animal Species</b>							
30-52 .021	BLM	California Desert District, CA	Riverside, CA	Coachella Valley fringe- toed lizard designated critical habitat	MP 0.0 to 6.9	RFI/Consult with USFWS to avoid adverse modification to Coachella Valley fringe- toed lizard designated critical habitat.	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis under NEPA and consultation under ESA.
30-52 .022	BLM	California Desert District, CA, Yuma FO, AZ	Riverside, CA, La Paz, AZ	desert tortoise designated critical habitat	MP 28.4 to 92.4, 118.0 to 130.6, 140.4 to 153.1, and 165.8 to 169.1	RFI/Consult with USFWS to avoid adverse modification to desert tortoise designated critical habitat.	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis under NEPA and consultation under ESA.
30-52 .023	BLM	California Desert District, CA, Yuma FO, AZ	Riverside, CA, La Paz, AZ	Sonoran desert tortoise Category I and II management habitat and Mojave TCAs	MP 28.4 to 92.4	RFI/The segment intersects Sonoran desert tortoise Category I and II management habitat and Mojave TCAs.	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .024	BLM	California Desert District, CA	Riverside, CA	Sonoran desert tortoise Category I and II habitat, TCAs, and Mojave desert tortoise Priority 1 and 2 habitat	MP 28.4 to 92.4	RFI/Use full mitigation hierarchy to avoid, minimize, and compensate for impacts within 4 miles of this habitat.	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .025	BLM	Yuma FO, AZ	La Paz, AZ	Yellow-billed Cuckoo critical habitat	MP 111.8 to 112.8	GIS Analysis	In analysis we look at whether the physical and biological features of the primary constituent elements are present in a project area and analyze how they would be affected in making a

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
							determination of effect. If effect is determined, BLM would consult with USFWS under Sec. 7(a)(2) of ESA.
<b>Ecology: Terrestrial Wildlife, Big Game, Non-Migratory Birds, and Aquatic Biota</b>							
30-52 .026	BLM	California Desert District, CA	Riverside, CA	Desert bighorn sheep connectivity in the Mojave Desert	Data needed	RFI/Follow locally specific connectivity recommendations, such as those for the Southern California Wildlands Linkages and Arizona Missing Linkages, to avoid connectivity impacts on desert bighorn sheep in the Mojave Desert (potential IOP?).	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .027	BLM	Yuma FO, AZ	La Paz, AZ	Razorback sucker designated critical habitat	Razorback sucker designated critical habitat observed to intersect this corridor: MP 111.9 to 112.3	RFI/Consult with USFWS to avoid adverse modification to razorback sucker designated critical habitat;  GIS Analysis/Confirms habitat	Not a constraint. In analysis we look at whether the physical and biological features of the primary constituent elements are present in a project area and analyze how they would be affected in making a determination of effect. If effect is determined, BLM would consult with USFWS under Sec. 7(a)(2) of ESA.
30-52 .028	BLM	California Desert District, CA	Riverside, CA	Southern California Wildlands Linkage	Data needed to identify location of segment	RFI/This corridor segment intersects a Southern California Wildlands Linkage	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
<b>Hydrology: Surface Water</b>							
30-52 .029	BLM	Yuma FO, AZ and CA	Riverside, CA and La Paz, AZ	Colorado River	MP 111.9 to 112.1	GIS Analysis	Not a constraint. Any project effects would be addressed during NEPA and ESA compliance.
<b>Hydrology: Groundwater</b>							
30-52 .030	BLM	AZ and CA	Riverside, CA and La Paz and Maricopa, AZ	Unconsolidated sand and gravel aquifers, Basin and Range basin- fill aquifers	Full corridor extent, except for gaps between MP 119.8 to 128.3, 129.9 to 131.2, 149.7 to 150.8, and 167.0 to 168.2	GIS Analysis	Not a constraint. Any Impacts would be analyzed and mitigated as part of the project effects addressed during specific environmental analysis required under NEPA and ESA compliance, and other federal law.

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
<b>Lands and Realty: Rights-of-Way and General Land Use</b>							
30-52 .031	BLM	Yuma FO, AZ and CA	Riverside, CA; La Paz, AZ	A total of 1,275 acres which were originally designated as part of this corridor are no longer on federal land according to the 5/12/2015 version of BLM Surface Manage- ment Agency data	MP 28.5 to 52.6, 80.5 to 81.3, 199.6 to 112.0, 131.8 to 132.6	GIS Analysis	Not a constraint. This would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law. However, recommend adjusting designation in future land use plans to current jurisdiction, possibly through LUP amendment during future project implementation.
<b>Lands and Realty: Minerals (Mining Claims)</b>							
30-52 .032	BLM	Yuma FO, AZ	La Paz, AZ	Mining	123.1 to 127.7	GIS Analysis	Under review.
<b>Lands and Realty: Military and Civilian Aviation</b>							
30-52 .033	BLM	California Desert District, CA	Riverside, CA	Civilian Aviation – Chiriaco Summit Airport	MP 42.1 to 43.6	GIS Analysis/in line with corridor in non-federal gap	Not a constraint. Proposed project siting and collocation alternatives to address impacts would be analyzed as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .034	BLM	California Desert District, CA	Riverside, CA	Civilian Aviation – Julian Hinds Pump Plant Airstrip	MP 47.0 to 48.0	GIS Analysis/in line with corridor in non-federal gap	Not a constraint. Proposed project siting and collocation alternatives to address impacts would be analyzed as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .035	BLM	California Desert District, CA	Riverside, CA	Civilian Aviation – Blythe Airport, Blythe Service Center Heliport, Clayton Heliport, and Cyr Aviation Airport	MP 99.7 to 111.7	GIS Analysis/all in line with corridor, but in non-federal gap	Not a constraint. Proposed project siting and collocation alternatives to address impacts would be analyzed as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .036	BLM	California Desert District, CA; Yuma and Hassayampa FOs, AZ	Riverside, CA; La Paz and Maricopa, AZ	Military Training Route – Visual Route	MP 34.2 to 38.5, 73.9 to 84.0, 147.1 to 196.0	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law, and in consultation with DoD (IOP).
30-52 .037	BLM	California Desert District, CA	Riverside, CA	Military Training Route – Instrument Route	MP 39.8 to 73.1, 124.6 to 199.7	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis

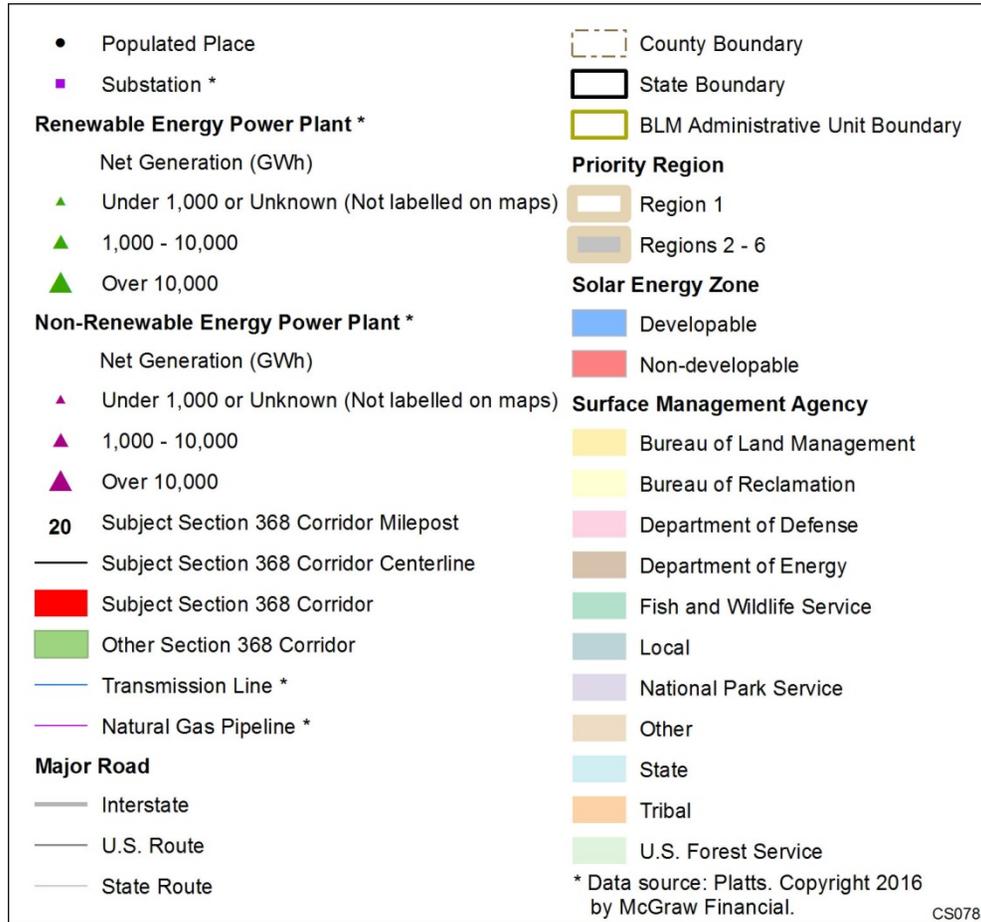
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
							required under NEPA and other federal law, and in consultation with DoD (IOP).
30-52 .038	BLM	Yuma FO, AZ	La Paz, AZ	Military Training Route – Slow Speed Route	MP 111.7 to 120.8	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law, and in consultation with DoD (IOP).
<b>Lands and Realty: Transportation</b>							
30-52 .039	BLM	California Desert District, CA; Yuma and Hassayampa FOs, AZ	Riverside, CA; La Paz and Maricopa, AZ	I-10	Nearly full corridor extent	GIS Analysis	Not a constraint. Proposed project siting and collocation alternatives to address impacts would be analyzed as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .040	BLM	California Desert District, CA	Riverside, CA	Railroad	MP 51.9 to 54.9	GIS Analysis	Not a constraint. Proposed project siting and collocation alternatives to address impacts would be analyzed as part of the project-specific environmental analysis required under NEPA and other federal law.
<b>Public Access and Recreation</b>							
30-52 .041	BLM	California Desert District, CA	Riverside, CA	Indio Hills Palms State Park	Corridor spans this state park in an undesignated section, MP 6.0 to 7.8	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
<b>Specially Designated Areas</b>							
30-52 .042	BLM	California Desert District, CA	Riverside, CA	Coachella Valley Fringe- toed Lizard ACEC	MP 0.0 to 6.0	GIS Analysis	Not a constraint. Impacts on the ACEC would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .043	BLM	California Desert District, CA	Riverside, CA	California Desert Conservation Area	MP 0.0 to 99.8	GIS Analysis	Not a constraint. Impacts on the CDCA would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .044	BLM	California Desert District, CA	Riverside, CA	State Wildlife Preserve in non-federal corridor gap: Coachella Valley	MP 2.5 to 4.9	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
				Preserve - Thousand Palms Oasis Preserve			required under NEPA and other federal law.
30-52 .045	BLM	California Desert District, CA	Riverside, CA	Coachella Valley National Wildlife Refuge	In path of corridor but not designated in NWR, MP 4.5 to 7.0	GIS Analysis	Not a constraint. Impacts on the refuge would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .046	BLM	California Desert District, CA	Riverside, CA	Colorado River Resource Management Area	MP 11.8 to 112.0	GIS Analysis	Not a constraint. Impacts on the management area would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .047	BLM	California Desert District, CA	Riverside, CA	Mecca Hills Wilderness	MP 22.1 to 32.4; wilderness south of corridor	GIS Analysis	Not a constraint. Impacts on wilderness would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .048	BLM	California Desert District, CA	Riverside, CA	Chuckwalla DWMA	MP 23.8 to 90.7; the corridor crosses the DWMA	GIS Analysis	Not a constraint. Impacts on the DWMA would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .049	BLM	California Desert District, CA	Riverside, CA	Alligator Rock ACEC	MP 24.2 to 95.5; ACEC abuts corridor to the south	GIS Analysis	Not a constraint. Impacts on the ACEC would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .050	BLM	California Desert District, CA	Riverside, CA	Joshua Tree Wilderness	MP 25.0 to 54.9; wilderness is north of and sometimes abutting corridor	GIS Analysis	Not a constraint, but potential for expansion of the corridor would be restricted. Impacts on wilderness would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .051	BLM	California Desert District, CA	Riverside, CA	Orocopia Mountains Wilderness	MP 32.4 to 45.8; wilderness is south of corridor	GIS Analysis	Not a constraint. Impacts on wilderness would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .052	BLM	California Desert	Riverside, CA	Chuckwalla Mountains Wilderness	MP 54.0 to 76.0; wilderness is south of the corridor	GIS Analysis	Not a constraint. Impacts on wilderness would be analyzed and mitigated as

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
		District, CA					part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .053	BLM	California Desert District, CA	Riverside, CA	Palen Dry Lake ACEC	MP 75.7 to 78.1; ACEC abuts corridor on north side	GIS Analysis	Not a constraint. Impacts on the ACEC would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .054	BLM	California Desert District, CA	Riverside, CA	Chuckwalla Valley Dune Thicket ACEC	MP 88.8 to 90.2; ACEC in corridor path, but corridor not designated within ACEC.	GIS Analysis	Not a constraint. Impacts on the ACEC would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
<b>Tribal Concerns</b>							
30-52 .055	BLM	California Desert District, CA	Riverside, CA	Agua Caliente Reservation	MP 0.0 to 18.0; Reservation abuts corridor on the south	GIS Analysis	Not a constraint. Impacts would be analyzed and mitigated as part of the project-specific environmental analysis required under NEPA and other federal law.
30-52 .056	BLM	Yuma FO, AZ	La Paz, AZ	Colorado River Indian Tribe Reservation (CRIT)	MP 118.6 to 128.3	GIS Analysis/Corridor turns to avoid crossing the CRIT.	Avoiding CRIT results in the corridor located in a sensitive area, including near Cunningham Peak in the Dome Rock Mountains, AZ. Topography through Copper Bottom Pass constrains the corridor and could push onto CRIT lands since the corridor abuts the CRIT Reservation through the pass.
<b>Visual Resources</b>							
30-52 .057	BLM	California Desert District, CA	Riverside, CA	VRM Class II	MP 51.9 to 74.9, and 83.0 to 99.8	GIS Analysis	Not a constraint. However, restrictions would be applied commensurate with designated VRM class; development must be in conformance with VRM objectives outlined in BLM Manual 8400.
30-52 .058	BLM	California Desert District, CA	Riverside, CA	VRM Class III	MP 60.4 to 87.4	GIS Analysis	Not a constraint. However, restrictions would be applied commensurate with designated VRM class; development must be in conformance with VRM objectives outlined in BLM Manual 8400.
30-52	BLM	Yuma FO, AZ	La Paz, AZ	VRM Class III	MP 111.7 to 119.8, and	GIS Analysis	Not a constraint. However, restrictions

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Length of Affected Corridor (by Milepost [MP])	Source/Context	BLM/FS Review and Analysis
.059					125.6 to 172.8		would be applied commensurate with designated VRM class; development must be in conformance with VRM objectives outlined in BLM Manual 8400.
30-52 .060	BLM	Yuma FO, AZ	La Paz, AZ	VRM Class II	MP 119.8.6 to 125.7, and 142.3 to 145.0	GIS Analysis	Not a constraint. However, restrictions would be applied commensurate with designated VRM class; development must be in conformance with VRM objectives outlined in BLM Manual 8400.
<b>INTERAGENCY OPERATING PROCEDURES (IOPS, OR BEST MANAGEMENT PRACTICES)</b>							
30-52 .061	BLM			Minimize impacts from new energy infrastructure development to the maximum extent practicable, and where impacts are unavoidable, utilize compensatory mitigation pursuant to BLM policy.		RFI	Impacts would be analyzed and mitigated as part of the project specific environmental analysis required under NEPA and other federal law.
30-52 .062	BLM			Maintain connectivity in this region		RFI	Potential for expanding existing IOP to include connectivity.
30-52 .063	BLM			Consult with USFWS to avoid adverse modification to designated critical habitat for Coachella Valley milk-vetch, Coachella Valley fringe-toed lizard, and desert tortoise.	Multiple (see ecology above)	RFI	Impacts would be analyzed and mitigated as part of the project specific environmental analysis required under NEPA and other federal law, and the appropriate agencies would be consulted.

Abbreviations: ACEC = Area of Critical Environmental Concern; BLM = Bureau of Land Management; BOR = Bureau of Reclamation; CDCA = California Desert Conservation Area; CRIR = Colorado River Indian Reservation; DWMA = Desert Wildlife Management Area; ESA = Endangered Species Act; FO = Field Office; FS = Forest Service; IOP = Interagency Operating Procedures; GIS = geographic information system; MP = milepost; NEPA = National Environmental Policy Act; NPS = National Park Service; NWR = National Wildlife Refuge; PEIS = Programmatic Environmental Impact Statement; [RDEP = Restoration Design Energy Project](#); [REDA = Renewable Energy Development Area](#); RFI = Request for Information; SEZ = Solar Energy Zone; TCA = Tortoise Conservation Area; USFWS = U.S. Fish and Wildlife Service; VRM = Visual Resource Management; WWEC = West-wide Energy Corridor



Key