



Valley – Ivyglen Subtransmission Project CPUC Minor Project Refinement Form

Minor project refinements are strictly limited to changes that will not trigger an additional permit requirement (except local government ministerial permits and associated requirements), do not substantially increase the severity of a previously identified significant impact based on criteria used in the FEIR, create a new significant impact, are located within the geographic boundary of the study area of the FEIR, and that don't conflict with any mitigation measure or applicable law or policy.

Date Requested: 02/01/2021

Report No.: [CPUC Compliance Manager fills in]

Date Approved: [date CPUC Compliance Manager sends the approved form back to applicant]

Approval Agency: N/A

Anticipated Start Date for Proposed Action: 2/15/2021

Anticipated End Date for Proposed Action: 3/01/2022

Property Owner(s): SCE franchise agreement with County of Riverside

Location/Milepost: Segment VIG8, west of Ivyglen Substation.

Land Use/Vegetative Cover: Disturbed/Residential

Sensitive Resources: None

Modification From: Permit Plan/Procedure Specification Drawing
 Mitigation Measure Other:

Describe the proposed minor Project refinement, including how project refinement deviates from current project and an explanation for why the refinements are necessary:

Proposal for Additional Work Areas and Disturbances:

The previously approved MPR No. 8 was a request for additional work areas and disturbances for the installation of a temporary 33 kV power circuit from a nearby pole line into Ivyglen Substation. MPR No. 10 is a request for further refinements that are necessary to construct the line as described in MPR No. 8. These refinements include the addition of two work areas from which tree trimming equipment would be used to remove tree branches of ornamental species on the north side of Temescal Canyon Road. The removal of the tree branches would allow for the 48 inches of clearance between electrical conductor and vegetation as required by Rule 35 of General Order 95. The proposed work areas are outside of the general disturbance area of the VIG Project but are consistent with the sizes described in Table 2-5 of the FEIR as being necessary to construct the Project components.

Temescal Canyon Road is a County road. All tree trimming would occur within the SCE/County of Riverside Franchise agreement area; no additional easement agreements would be necessary.

All equipment would be staged within the roadway and no soil disturbance is expected. However, if necessary, sites would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan following the completion of all construction.

Environmental impact analysis for use of the above-described areas is provided in the attached biological (Attachment A), cultural (Attachment B), and paleontological reports (Attachment C).

Describe the dimensions and area of any additional work areas and land disturbance associated with the proposed refinements. Include/attach photos, maps, or other documentation illustrating the existing conditions in the area:

The proposed refinements would result in a net increase of 0.16 acres of temporary disturbance in Segment VIG8. The locations, area, and activities for each proposed refinement are provided in Table 1 and are visually shown in Figure 1. Trees proposed for trimming are shown in Figure 2 with red lines demarcating the approximate area of branch removal.

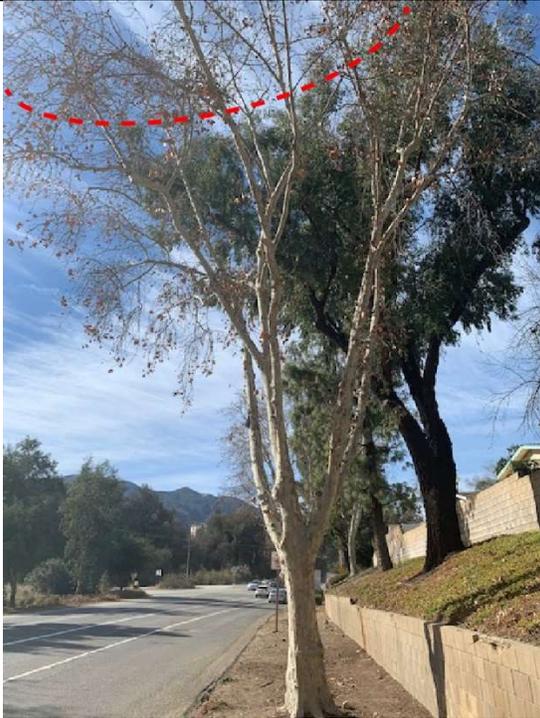
Table 1: VIG8 Additionally Requested Work Areas

Segment	Pole / Feature Name	Latitude	Longitude	Description	Activity
VIG8	Work Area	N/A	N/A	4,200 square feet of temporary work area for trimming of trees between TC-02 and TC-03.	Trimming of tree branches in path of conductor between TC-02 and TC-03.
VIG 8	Work Area	N/A	N/A	2,975 square feet of temporary work area for trimming of trees between TC-04 and TC-05.	Trimming of tree branches in path of conductor between TC-04 and TC-05.

Figure 1. Proposed Work Areas Associated with MPR No. 10.



Figure 2. Trees Proposed for Trimming with Red Line Demarcating Approximate Cut Area.



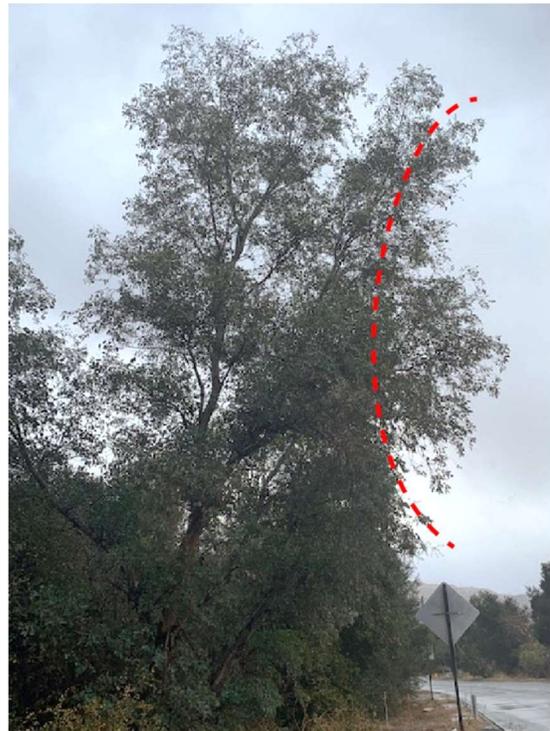
A. London Plane between TC-02 and TC-03



B. Eucalyptus between TC-02 and TC-03



C. Pine between TC-02 and TC-03



D. Eucalyptus between TC-04 and TC-05

Summary of Proposed Land Disturbance:

Newly requested temporary disturbance areas associated with MPR No. 10 are shown in Table 2. The quantity and dimensions of disturbance areas are consistent with what is described in Table 2-5 of the FEIR. Section 2.4.2.1 of the FEIR states that construction of VIG would disturb approximately 633.7 acres of land, including approximately 141.5 acres of permanent disturbance. Total impacts for all VIG NTPRs/MPRs are anticipated to be below the quantities given in the FEIR. If quantities in future NTPRs/MPRs exceed the FEIR, an explanation of significance will be provided.

Table 2: Requested Disturbances Associated with MPR No. 10

Feature	Number of Miles	Temporary Impact Total	Permanent Impact Total
Temporary Work Areas	--	0.16 ac (7,175 sq ft)	--
Total	0.00 Miles	0.16 ac (7,175 sq ft)	0.0 ac (0 sq ft)

Provide a summary list of applicable Project requirements (e.g., MMs, etc.) for which the refinements are being requested:

No refinements to the Project requirements are being requested. The existing Project requirements would be followed, as applicable, for the newly requested area.

Would the proposed refinements conflict with any of the above-listed MMs or other Project requirements or applicable laws, regulations, or policies?

No Yes

Explain proposed refinements consistency/inconsistency with applicable Project requirements below.

The proposed refinements do not conflict with any of the project commitments or mitigation measures listed in FEIR Section 9 Mitigation Monitoring, Compliance, and Reporting Plan.

Would the Proposed Project refinements result in a new impact, or increase the severity of a previously analyzed impact on:	No	Yes
Aesthetics (e.g. damage scenic resources or vistas, degrade the existing visual character of the site and its surroundings, or create sources of light or glare)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Summary of Proposed Project Refinement Impacts on Aesthetics:

The proposed additional work areas and the work to be conducted are consistent with the descriptions of the types of disturbances to occur during construction provided in Sections 2.3.1.1, 2.3.1.3, and Table 2-5 of the FEIR.

MPR No. 10 includes the trimming of trees within two temporary work areas (Figure 1). The area of the removed tree limbs would be visible to drivers traveling along Temescal Canyon Road and to some residents in homes on Wrangler Way, north of Temescal Canyon Road. The proposed location is not a scenic vista as described in Section 4.1.1.4 of the FEIR and is not included in the list of key viewpoints of sensitive locations in FEIR Section 4.1.3.3. The project design would minimize the visual distinctness of impacts by limiting the trimming tree branches to the 48 inches of clearance between electrical conductor and vegetation required by Rule 35 of General Order 95. The trimmed trees would include non-native ornamental tree along the northern road shoulder of Temescal Canyon Road, including London Plane, pine, and eucalyptus trees (Figure 2). Oak trees would not be trimmed. The proposed refinements would not have a substantial adverse effect to a scenic vista, scenic resources, or to the visual character of the location.

Aesthetic impacts associated with these refinements do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.1.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Agriculture and Forestry (e.g. convert farmland to non-agricultural use, or forest land to non-forest use, or create a conflict with existing agricultural zoning or a Williamson Act)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Summary of Proposed Project Refinement Impacts on Agriculture and Forestry:

The proposed additional work areas are not located on land designated as farmland or forest. Impacts to agriculture and forestry associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.2.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Air Quality (e.g. violate any air quality standard, or produce criteria air pollutant emissions, or expose sensitive receptors to additional pollutants)?

Summary of Proposed Project Refinement Impacts on Air Quality:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The type and quantity of construction equipment would be the same as identified in NTPR-2; the areas requested do not require the use of additional equipment. Impacts to air quality associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.3.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Biological Resources (e.g. have an adverse effect on sensitive or special-status species; impact riparian, wetland, or any other sensitive habitat; or interfere with the movement of native resident or migratory fish or wildlife)?

Previous Biological Survey Report Reference:

The locations of the proposed refinements were assessed for biological resources in November 2020 (Attachment A).

Summary of Proposed Project Refinement Impacts on Biological Resources:

Aquatic resources that are both jurisdictional and MSHCP Riparian/Riverine resources are in the vicinity of the proposed work areas. However, the proposed work areas do not overlap with wetlands or waterways and no amendments to the waters permits would be needed.

The proposed work areas are not located within a Criteria Area Species Survey Area (CASSA), BUOW survey area, or small mammal survey area, and therefore additional focused surveys are not recommended or required by the MSHCP. The proposed work areas are outside of suitable habitat for CAGN; however, they are located within the vicinity of MSHCP Riparian and Riverine resources suitable for LBV. Construction in LBV areas is anticipated to occur outside LBV breeding season that occurs from March 1st through August 31st.

The proposed tree trimming would affect ornamental London Plane, pine, and eucalyptus trees; oak trees would not be trimmed (Figure 2).

No ground disturbance is expected during construction; however, should disturbance occur, the work areas would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan following the completion of all construction.

The proposed work areas are outside of the VIG WR-MSHCP Phase 2 certificate of inclusion (COI) coverage area. Based on the guidance provided by the RCA, the proposed refinements would not require notification and approval by the RCA prior to construction because the work would avoid sensitive resources and take. Additionally, the work does not include permanent impacts, and the overall disturbance to baseline vegetation of RCA concern would not exceed the acreage proposed in the MSHCP PSE application. The VIG MSHCP PSE application did not include any permanent impacts to MSHCP vegetation of concern and no additional impacts are proposed in MPR No. 10 (Table 3). All temporary impacts to vegetation would be restored in accordance with the HRRP.

Table 3. Permanent Impacts to Segment VIG8 MSHCP Baseline Vegetation

MSHCP PSE Application	0.00 Acres
Currently Proposed Impacts (12/22/20)	0.00 Acres
Change in MSHCP Vegetation Impacts	0.00 Acres

MPR No. 10 proposed work areas are covered under the Stephens' kangaroo rat (SKR) Habitat Conservation Plan. Although 0.16 acres of the proposed refinements are outside of the SKR buffer depicted in the Certificate of Inclusion, the Riverside County Habitat Conservation Agency has agreed that SCE may reconcile impacted acreage once the Project has reached final design. SCE would be responsible for identifying acreage not previously included in the COI (such as the acreage proposed here) as well as removing acreage that was included in the COI but not disturbed by construction activities.

The activities described in MPR No. 10 do not create a new significant impact or a substantial increase in the severity of an identified impact listed in Section 4.4.4.2 of the FEIR. Indirect impacts that may occur to sensitive species in the vicinity of the proposed work areas would be mitigated in accordance with the Project Commitments and Mitigation Measures. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Cultural Resources (e.g. cause an adverse change to a significant historical, archeological, paleontological, or tribal resource or disturb any human remains)?

Summary of Proposed Project Refinement Impacts on Cultural Resources:

Cultural and paleontological resource analyses for the proposed work areas are included in addendum reports (Attachments B & C). There are no new sensitive archaeological or paleontological resources located at the proposed work areas based on survey results. A previously identified cultural resource is located approximately 1,200 feet from the proposed work areas. Cultural and tribal monitoring would be conducted in accordance with the CRMTP. The proposed alignment is entirely mapped as low paleontological sensitivity at the surface. No ground disturbing activities are proposed, and paleontological monitoring and spot checking are not required. If a resource is found at the site, SCE would comply with the procedures for unanticipated discoveries provided in MMs CR-1b, CR-4, CR-5, CR-7, the CRMTP, and the PRMP. Impacts to cultural resources associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.5.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Geology, Soils, and Seismicity (e.g. expose people or structures to risk of loss, injury, or death involving seismic-related ground failure including liquefaction or landslides, be located on a geologic unit, unstable soil, or expansive soil)?

Summary of Proposed Project Refinement Impacts on Geology, Soils, and Seismicity:

Although not anticipated for the proposed activities, erosion would be controlled at locations of earth disturbance through the implementation and adherence to the Project linear SWPPP. Following approval of MPR No. 10, the SWPPP would be updated to show the proposed work areas. At the completion of all construction, sites would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan.

Impacts to geology, soils, and seismicity associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.6.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Greenhouse Gas Emissions (e.g. generate a substantial amount of greenhouse gas [GHG] emissions, conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions or GHGs)?

Summary of Proposed Project Refinement Impacts on Greenhouse Gas Emissions:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The type and quantity of construction equipment would be the same as identified in NTPR-2; the areas requested do not require the use of additional equipment. In compliance with MM AQ-1, NOX and PM emissions from off-road diesel-powered construction equipment would be minimized to the extent feasible by using Tier 4 interim or Tier 4 Standards for equipment with engines greater than 150 horsepower. Per MM AQ-2, daily emissions of equipment would be tracked to ensure NOX emissions stay within the NOX Regional Clean Air Incentive Market Trading Credits (RTCs) purchased for the Project.

Impacts to greenhouse gas emissions associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.7.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Hazards and Hazardous Materials (e.g. create hazards to public or environment through transport, use, disposal, or accident conditions of hazardous materials, be located on a site of hazardous materials, or expose people and structures to loss, injury of death involving wildland fires)?



Summary of Proposed Project Refinement Impacts on Hazards and Hazardous Materials:

Activities occurring at the proposed locations are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. All proposed locations are within the 1,000-foot corridor evaluated for solid waste disposal sites, Cease and Desist Orders, or Cleanup and Abatement orders per Section 4.8.1.1 of the FEIR. No ground-disturbing activities are anticipated.

In the event of an inadvertent discovery of contamination, SCE would follow the procedures in Project's Contaminated Soil and Groundwater Contingency Plan. Proposed work areas in MPR No. 10 are located outside of elevated and extreme fire threat areas. Fire danger mitigation would be implemented in accordance with the Project Emergency Action Plan and Fire Control and Emergency Response Plan. Impacts to hazards and hazardous materials associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.8.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Hydrology and Water Quality (e.g., violate water quality standards or discharge waste requirements, alter the existing drainage pattern creating additional sedimentation, runoff water, or polluted runoff, or inundate by seiche, tsunami, or mudflow)?



Summary of Proposed Project Refinement Impacts on Hydrology and Water Quality:

The proposed refinements are located within the Santa Ana Watershed and the Elsinore Groundwater Basin but are outside of the FEMA 100-year flood zone shown in Figure 4.9-4 of the FEIR. The proposed work is consistent with the work described in sections 2.3.1.1 and 2.3.1.3 of the FEIR and would not alter flood flows.

The proposed work areas are in the vicinity ephemeral and intermittent streams. No soil disturbance is proposed; however, erosion that could affect water quality would be controlled at through the implementation and adherence to the Project linear SWPPP. If stained or odorous soil is found during excavating, SCE would follow the procedures in Project's Contaminated Soil and Groundwater Contingency Plan. Dewatering, if necessary, would be performed in accordance with the Project linear SWPPP.

Impacts to hydrology and water quality associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.9.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Land Use and Planning (e.g. physically divide an established community; conflict with a land use plan, policy, or regulation of an agency with jurisdiction over the project, or conflict with a habitat conservation plan)?



Summary of Proposed Project Refinement Impacts on Land Use and Planning:

The land use would remain unchanged at the proposed work areas. Tree trimming is consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. Impacts to land use and planning associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.10.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Mineral Resources (e.g. result in the loss of known mineral resources of regional and/or state value, or availability of locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan)?



Summary of Proposed Project Refinement Impacts on Mineral Resources:

The proposed work areas are in Mineral Resource Zone (MRZ) 3 indicating a likely but undetermined significant mineral resource. The proposed temporary features would not impact the ability to recover mineral resources in the future, although the proposed work areas occur close to existing roadways, where mineral resource recovery is unlikely to occur.

Impacts to mineral resources associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.6.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Noise and Vibration (e.g. expose sensitive receptors to additional noise or vibration, exposure of persons to or generation of excessive noise, ambient noise, ground-borne noise, or vibration)?



Summary of Proposed Project Refinement Impacts on Noise and Vibration:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. Implementation of the Project Noise Control Plan would ensure noise reduction measures are performed as required. Blasting would not occur at any of the proposed work areas.

Impacts to noise and vibration associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.11.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Population and Housing (e.g. directly or indirectly induce substantial population growth in an area, or displace substantial numbers of people or existing housing)?



Summary of Proposed Project Refinement Impacts on Population and Housing:

The proposed refinements would not increase or displace populations. Impacts to population and housing associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.12.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Public Services and Utilities (e.g. result in substantial adverse physical impacts on government facilities that provide a public service or cause environmental impacts to service ratios, response times, or other performance objectives to fire protection, sheriff protection, schools, parks, or other public facilities)?



Summary of Proposed Project Refinement Impacts on Public Services and Utilities:

The proposed refinements would not increase the need for or physically alter any public services. Impacts to public services and utilities associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.13.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Recreation (e.g. increase the use of, or cause adverse effects on, existing neighborhood, parks, or other recreational facilities)?



Summary of Proposed Project Refinement Impacts on Recreation:

The proposed refinements would not cause deterioration to any recreational facilities and would not overlap trails or impact their use. Impacts to recreation associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.14.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Transportation and Traffic (e.g. increase hazards due to design feature, result in inadequate emergency access, or conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities)?



Summary of Proposed Project Refinement Impacts on Transportation and Traffic:

Activities occurring at the proposed locations are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The quantity of construction equipment and personnel would be the same as identified in NTPR-2. Adherence to the Project Traffic Management and Control Plan would ensure compliance with traffic-related Project mitigation measures, TT-1, TT-2, and TT-7. The Project has an encroachment permit from Riverside County that includes coverage for tree trimming and would implement the necessary traffic control requirements. There would be no change to the access routes identified in the Traffic Management and Control Plan.

Impacts to transportation and traffic associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.15.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Describe any applicable consultation with other governmental agencies conducted for the proposed refinements:

No consultation with other governmental agencies was necessary or conducted for the proposed refinement.

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