

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 24, 2016

Mr. Carl Cabico
District Manager
Crown Castle NG West, Inc.
695 River Oaks Parkway
San Jose, CA 95134

Subject: Notice to Proceed (NTP) 1 – Crown Castle San Mateo DAS Telecommunication Project (Application No. 13-02-007).

Dear Mr. Cabico:

Crown Castle NG West, Inc. (Crown Castle) has requested authorization from the California Public Utilities Commission (CPUC) to commence project activities associated with the San Mateo DAS Telecommunication Project. The covered activities under this Notice to Proceed (NTP) 1 are fully described in Crown Castle's Notice to Proceed Request #1 and the project's Final Initial Study and Negative Declaration. The San Mateo DAS Telecommunication Project was evaluated in accordance with the California Environmental Quality Act (CEQA) and an Authority to Construct was granted by the CPUC on December 9, 2015 (Decision 15-12-012). **NTP 1 is granted by CPUC for the proposed activities based on the following factors:**

- The Final Initial Study and Negative Declaration (IS/ND) prepared for the San Mateo DAS Telecommunication Project identified Applicant Proposed Measures (APMs) to be implemented prior to, during, and following project construction. The relevant APMs for construction activities under this Notice to Proceed are summarized in *Attachment A* and shall be implemented by Crown Castle and its designated contractor(s). Crown Castle's compliance with the pre-construction component for each applicable measure is noted in the status table in *Attachment A*.
- All project activities will be conducted within areas identified in the Final IS/ND.

The conditions noted below shall be met by Crown Castle and its contractor(s):

- Pre-construction nesting bird and raptor surveys shall be conducted immediately prior to construction and Crown Castle shall provide a survey summary report to CPUC within 48 hours of survey completion. If active nests are identified, construction exclusion zones shall be established, in consultation with CDFW and USFWS, and protection measures implemented, as specified in APM-BIO-2.
- The identified construction period falls outside of late fall/early winter months. Should the construction period extend into late fall/early winter and trimming of eucalyptus trees is required,

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Crown Castle shall conduct pre-construction surveys for monarch butterflies and provide survey documentation to the CPUC prior to construction activity occurring near eucalyptus trees. If butterflies are detected, construction exclusion zones shall be established, in consultation with CDFW, and protection measures implemented, as specified in APM-BIO-3.

- Pre-construction surveys for California red-legged frogs, San Francisco garter snakes, and western pond turtles shall be conducted immediately prior to construction and Crown Castle shall provide a survey summary report to CPUC within 48 hours of survey completion. Crown Castle shall be responsible for implementing all other avoidance and protection measures specified in APM-BIO-4.

Sincerely,



Jensen Uchida

CPUC Environmental Project Manager

cc: S. Eckardt, Dudek
I. Fisher, Dudek

Att: Attachment A – Applicant Proposed Measures

Crown Castle – San Mateo DAS Telecommunication Project – NTP-1 Attachment A

Pre-Construction Requirements Met	
See Conditions in NTP 1	

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
APM-AES-1	Keep construction and staging areas orderly, free of trash and debris, and restore areas disturbed by project construction along the proposed route to their pre-project condition.	CPUC to monitor to ensure trash and debris are removed from construction areas. Crown Castle to document existing conditions of areas to be disturbed and provide a copy to CPUC. Within 30-days of construction completion, Crown Castle to restore disturbed areas to pre-project conditions. Documentation of completion to be submitted to the CPUC within 2 weeks of restoration for verification.	Crown Castle provided photo and map documentation of existing conditions for areas to be disturbed by construction to the CPUC on August 15, 2016. Measure to be implemented and verified during construction.
APM-AES-2	<ul style="list-style-type: none"> Identify and comply with local regulations and requirements concerning architectural design; Design project facilities to be unobtrusive and to not conflict with the character of the surrounding setting; restore conduit installation sites to pre-construction conditions; and Prior to construction, consult with the local agencies associated with each project area regarding the appropriate architectural design practices that will be implemented before, during, and after construction. 	Crown Castle to submit to the CPUC documentation of consultation with local agencies and their concurrence that that project design features are compliant with local regulations. Restoration of conduit installation sites to be documented and reported as defined for APM-AES-1.	Documentation of project approval by San Mateo County provided to CPUC on July 12, 2016, including conditions addressing aesthetic requirements. Photo and map documentation of existing conditions at conduit installation sites provided to CPUC on August 15, 2016.
APM-AES-3	As part of its standard construction operating procedure, ensure that construction lights will be directed away from the visual field of motorists and pedestrians along any streets or right-of-ways.	CPUC to ensure that commitments have been incorporated into construction contract specifications. CPUC to inspect periodically to ensure correct placement of lighting to prevent impacts to motorists and pedestrians.	Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM. Measure to be implemented and verified during construction.
APM-AQ-1	<p><i>Implement BAAQMD basic construction measures to reduce dust emissions</i></p> <ul style="list-style-type: none"> Crown Castle will require all construction contractors to implement the following BAAQMD emission 	CPUC to ensure that commitments have been incorporated into construction contract	Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
	<p>reduction measures to reduce dust emissions.</p> <ul style="list-style-type: none"> All vehicle speeds on unpaved roads shall be limited to 15 mph. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The air district's phone number shall also be visible to ensure compliance with applicable regulations. 	<p>specifications.</p> <p>Crown Castle to provide a copy of the contact sign to the CPUC prior to construction.</p> <p>CPUC to inspect periodically that dust control measures are being implemented and that signs are publicly visible.</p>	<p>approval, including this APM.</p> <p>Copy of contact sign provided to CPUC on July 21, 2016.</p> <p>Measure to be implemented and verified during construction.</p>
APM-AQ-2	<p><i>Implement BAAQMD basic construction measures to reduce exhaust emissions</i></p> <p>Crown Castle will require all construction contractors to implement the following BAAQMD emission reduction measures to reduce exhaust emissions.</p> <ul style="list-style-type: none"> Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. 	<p>CPUC to ensure that commitments have been incorporated into construction contract specifications.</p> <p>CPUC to inspect periodically that idling restrictions are being implemented and that signs are visible by construction crews.</p>	<p>Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM.</p> <p>Measure to be implemented and verified during construction.</p>
APM-BIO-1	<p><i>Conduct spring surveys for special-status plants within the project area</i></p> <ul style="list-style-type: none"> Prior to construction, a qualified botanist will complete spring surveys for special-status plants within the project area to determine the presence or absence of special-status plants. The survey will be completed by qualified botanists and will be conducted during the appropriate period(s) necessary to observe special-status plants known to occur in the region. If a population of a special-status plant species occurs within the project area, the population will be clearly staked and flagged in the field by a qualified botanist prior to construction so the population can be avoided. If the population cannot be avoided during construction, Crown Castle will minimize impacts by reducing the work area to the smallest area necessary to complete the work. Crown Castle will conduct project activities and necessary ground disturbance in a manner that is consistent with the successful reestablishment of the species to the extent feasible. The specific actions necessary will depend on the biology of the species, and will be determined through consultation with the USFWS and CDFW. Generally actions include waiting for the plant species to go to seed and collecting the seed for future planting and saving the top 6 inches of top soil (which contains the seed bank) separate from other excavated soil. 	<p>Crown Castle to provide survey report documentation and verification to CPUC of compliance with measure as defined.</p> <p>CPUC to inspect periodically that staking/flagging is in place and agency requirements are being implemented, as applicable.</p>	<p>Special-status species survey report provided to CPUC on June 30, 2016.</p> <p>Measure to be implemented and verified during construction.</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
APM-BIO-2	<p><i>Conduct a preconstruction nesting survey to minimize impacts to nesting birds and raptors (February through August)</i></p> <ul style="list-style-type: none"> If the proposed project is completed outside of the nesting season of birds, no additional measures will be necessary. If construction will take place during the nesting season (generally February through August) Crown Castle will conduct preconstruction nesting bird surveys. If an active nest is identified during the surveys, Crown Castle, in consultation with CDFW and USFWS, will establish a no-construction zone until the breeding season is completed or subsequent bird/raptor surveys confirm that all offspring have fledged and no new nests have been established. Generally, these no construction zones are 50 feet for passerine birds and 250 feet for raptors. 	<p>Crown Castle to provide survey report documentation and verification to CPUC of compliance with measure as defined.</p> <p>CPUC to inspect periodically that no-construction zone(s) are being avoided and agency requirements are being implemented, as applicable.</p>	<p>Pre-construction nesting survey to be conducted immediately prior to construction. Crown Castle to provide survey summary report to CPUC upon completion of surveys. See conditions in NTP.</p> <p>Measure to be implemented and verified during construction.</p>
APM-BIO-3	<p><i>Conduct preconstruction survey to minimize impacts to wintering monarch butterflies for construction in late fall and winter months</i></p> <ul style="list-style-type: none"> If the proposed project is scheduled to occur during the late fall and winter months and trimming of eucalyptus trees is required, a biologist will conduct a preconstruction survey to determine if the trees that require trimming and the surrounding trees support overwintering clusters of monarch butterflies. If clusters of monarch butterflies are present, Crown Castle, in consultation with CDFW, will establish a no construction zone until after the monarch butterflies have migrated. Generally, this no construction zone is 30 feet from wintering monarch butterflies. 	<p>Crown Castle to provide survey report documentation and verification to CPUC of compliance with measure as defined.</p> <p>CPUC to inspect periodically that no-construction zone(s) are being avoided and agency requirements are being implemented, as applicable.</p>	<p>Proposed construction period falls outside of late fall/early winter months. Should the construction period extend into late fall/early winter and trimming of eucalyptus trees is required, Crown Castle shall provide preconstruction survey documentation to CPUC prior to construction activity occurring near eucalyptus trees.</p> <p>See conditions in NTP.</p>
APM-BIO-4	<p><i>Measures to minimize impacts to California red-legged frogs, San Francisco garter snakes, and western pond turtles</i></p> <ul style="list-style-type: none"> Work should be avoided from October 16 (or the first measurable rainfall of 1 inch or greater) to May 14. If work cannot be avoided during this period then it is recommended that a qualified biological monitor be present for all ground-disturbing activities. It is recommended that a qualified biologist familiar with California red-legged frogs, San Francisco garter snake, and western pond turtle conduct a preconstruction survey immediately prior to construction in areas where ground disturbance will occur. During the preconstruction survey, the biologist will also look for and identify burrows that could be used by California red-legged frogs. These areas will be flagged (as practical) for avoidance. The biologist will remain on site for the duration of any construction activities involving excavation or the use of heavy machinery or equipment. Prior to work the construction crew will receive worker environmental awareness training. Training will include review of environmental laws and protective measures that must be followed by all personnel to reduce or avoid effects on protected species during construction activities. Any holes, trenches, pits, and/or tanks that are left open overnight will either be covered to prevent 	<p>Crown Castle to provide verification to CPUC of compliance with measure as defined.</p> <p>Crown Castle to provide survey report documentation and verification to CPUC of compliance with measure as defined.</p> <p>Crown Castle to provide a copy of worker environmental awareness training materials to CPUC.</p> <p>Crown Castle to provide resumes of qualified biologists to CPUC.</p> <p>CPUC to inspect periodically that wildlife protection and avoidance measures are being implemented during construction.</p>	<p>Proposed construction falls outside of the October 16 to May 14 period. Should construction activity extend into this time period, Crown Castle shall provide a qualified biological monitor to be present for all ground-disturbing activities.</p> <p>Pre-construction survey to be conducted immediately prior to construction. Crown Castle to provide survey summary report to CPUC upon completion of surveys. See conditions in NTP.</p> <p>Worker environmental awareness training materials provided to CPUC on June 30, 2016.</p> <p>Resumes of qualified biologists provided to CPUC on June 30, 2016.</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
	<p>entry or one side will be sloped to allow wildlife to escape. Open holes, trenches, pits, and/or tanks left overnight will be checked by a qualified biologist at the start of construction each day to determine whether trapped wildlife are present. If wildlife are present, they will be removed by the biologist before the hole, trench, or pit is filled.</p> <ul style="list-style-type: none"> Plastic monofilament netting (erosion control matting) or similar material containing netting will not be used at the project. Acceptable substitutes include coconut coir matting or tackified hydroseeding compounds. Handling of California red-legged frogs is prohibited without a valid federal take permit and handling of San Francisco garter snakes is prohibited without a valid federal take permit and a CESA Section 2081 Incidental Take Permit. Any California red-legged frogs or San Francisco garter snakes observed on the work site will be allowed to move offsite on their own. If California red-legged frogs, San Francisco garter snakes, and western pond turtles are observed on or adjacent to the work site, and are in danger of injury, construction in the vicinity will cease until no danger exists for California red-legged frogs or San Francisco garter snakes. 		Measure to be implemented and verified during construction.
APM-CUL-1	<ul style="list-style-type: none"> If buried cultural resources, such as chipped or ground stone, historic debris, building foundation, or human bone, are inadvertently discovered during ground-disturbing activities, work will stop in that area and within 100 feet of the find until a qualified archaeologist can assess the significance of the find and, if necessary, develop appropriate measures in consultation with the CPUC, State Historic Preservation Officer, and other appropriate agencies. In the event that fossil remains are encountered, either by the cultural resources monitor or by construction personnel, qualified paleontological specialists will be contacted. Construction within 100 feet of the find in non-urban areas and 50 feet in urban areas will be temporarily halted or diverted until a qualified vertebrate paleontologist examines the discovery. 	<p>Crown Castle to provide assessment documentation and verification to CPUC of compliance with measure as defined and as applicable.</p> <p>Crown Castle to provide resumes of qualified archaeologists/paleontologists CPUC.</p> <p>CPUC to inspect periodically that identified cultural resources sites are avoided and agency requirements are being implemented, as applicable.</p>	<p>Resumes of qualified archaeologists/paleontologists provided to CPUC on June 30, 2016.</p> <p>Measure to be implemented and verified during construction.</p>
APM-GHG-1	<p><i>Implement BAAQMD Best Management Practices to reduce GHG emissions</i></p> <p>To ensure that short-term GHG emissions are reduced as much as feasible and the proposed project does not result in a considerable contribution to GHG levels, Crown Castle will require all construction contractors to implement the following GHG emission reduction measures to the extent they are feasible.</p> <ul style="list-style-type: none"> Using alternative fueled (e.g. biodiesel, electric) construction vehicles/equipment of at least 15% of the fleet Recycling or reusing at least 50% of construction waste or demolition materials. 	<p>CPUC to ensure that commitments have been incorporated into construction contract specifications.</p> <p>Crown Castle to provide verification to CPUC of compliance with measure as defined.</p>	<p>Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM.</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
APM-HAZ-1	<ul style="list-style-type: none"> Ensure proper labeling, storage, handling, and use of hazardous materials in accordance with best management practices and the Occupational Safety and Health Administration's HAZWOPER requirements. Ensure that employees are properly trained in the use and handling of hazardous materials and that each material is accompanied by a material safety data sheet. Any small quantities of hazardous materials stored temporarily in staging areas will be stored on pallets within fenced and secured areas and protected from exposure to weather. Incompatible materials will be stored separately, as appropriate. All hazardous waste materials removed during construction will be handled and disposed of by a licensed waste disposal contractor and transported by a licensed hauler to an appropriately licensed and permitted disposal or recycling facility, to the extent necessary to ensure the area can be safely traversed. Significant releases or threatened releases of hazardous materials will be reported to the appropriate agencies. 	<p>Crown Castle to document compliance with this measure.</p> <p>Crown Castle to provide verification to CPUC of worker training program and compliance with measure as defined.</p> <p>CPUC to inspect periodically that hazardous materials storage is being implemented, as defined.</p>	<p>A copy of worker training program materials provided to CPUC on June 30, 2016.</p> <p>Measure to be implemented and verified during construction.</p>
APM-HYD-1	<p>Prior to non-storm discharges into surface waters, provide documentation of obtaining all necessary and applicable approvals, including the following:</p> <ul style="list-style-type: none"> Implementation of appropriate Best Management Practice (BMP's) to minimize the potential for storm-water pollutants. These BMPs may include, but not necessarily be limited to, the utilization of settling ponds or screens to reduce suspended sediment loads 	<p>Crown Castle to provide documentation of approvals to CPUC, including submittal of construction contracts, at least 2 weeks prior to construction of the applicable phase(s).</p> <p>CPUC to inspect periodically that BMPs are being implemented, as required by responsible agencies.</p>	<p>Documentation of approvals and conditions outlined in San Mateo County's Letter of Decision provided to CPUC on July 12, 2016.</p> <p>Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM.</p> <p>Measure to be implemented and verified during construction.</p>
APM-HYD-2	<p>Erosion Controls:</p> <ul style="list-style-type: none"> Excavated or disturbed soil will be kept within a controlled area surrounded by a perimeter barrier that may entail silt fence, hay bales, straw wattles, or a similarly effective erosion control technique that prevents the transport of sediment from a given stockpile. All stockpiled material will be covered or contained in such a way that eliminates off-site runoff from occurring. Upon completion of construction activities, excavated soil will be replaced and the area restored to pre-construction conditions. 	<p>Crown Castle to document compliance with this measure.</p> <p>CPUC to inspect periodically that BMPs are being implemented, as required by responsible agencies.</p> <p>Crown Castle to document existing conditions of</p>	<p>Photo and map documentation of existing conditions in areas of soil excavation or disturbance provided to CPUC on August 15, 2016.</p> <p>Measure to be implemented and verified during construction.</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
APM-LU-1	<p>Submit written documentation, including evidence of review by the appropriate public works, planning, and/or community development agency for the applicable jurisdictions. This documentation will include the following:</p> <ul style="list-style-type: none"> • Site plan showing the dimensions and location of the finalized alignment; • Evidence that the project meets all necessary requirements; • Evidence of compliance with design standards; • Copies of any necessary permits or conditions of approval; and • Records of any discretionary decisions made by of the applicable jurisdictions. 	<p>areas to be excavated and provide a copy to CPUC. Within 30-days of construction completion, Crown Castle to restore excavated areas to pre-project conditions. Documentation of completion to be submitted to the CPUC within 2 weeks of restoration for verification.</p>	<p>Written documentation of agency review provided to CPUC on July 12, 2016. Copy of Caltrans Encroachment permits provided to CPUC on July 12, 2016. Copy of County Encroachment permits provided to CPUC on July 12, 2016.</p>
APM-NOI-1	<ul style="list-style-type: none"> • Require construction contractors to comply with the construction-hour limitations and construction equipment standards set forth by each local jurisdiction. • All equipment will have sound-control devices no less effective than those provided on original equipment; • No equipment will have an unmuffled exhaust; • Construction equipment will be located as far from sensitive receptors (e.g., residences, schools, places of worship, and hospitals) as possible; and • If traffic control devices requiring electrical power are employed within 500 feet of sensitive receptors, the devices will be battery/solar powered instead of powered by electrical generators. <p>In addition, implement a variety of measures to reduce noise levels from directional boring where noise levels of 60 dBA or greater will be experienced at sensitive receptor locations. For example:</p> <ul style="list-style-type: none"> • Special mufflers can be applied to the boring rig exhaust; • Shielding can be erected between the noise source and the receptor; or • As an extreme measure, a temporary enclosure can be erected to house the boring operation. <p>Implement all reasonable and customary noise reduction measures and post the name and telephone number of a person for the public to contact to resolve noise-related problems.</p>	<p>Crown Castle to document compliance with this measure. CPUC to inspect periodically that noise reduction measures are being implemented, as defined.</p>	<p>Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM. Copy of sign to be posted with appropriate contact information provided to CPUC on July 21, 2016. Measure to be implemented and verified during construction.</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
APM-TRA-1	<ul style="list-style-type: none"> As deemed necessary by the applicable jurisdiction, the road encroachment permits may require the contractor to prepare a traffic control plan in accordance with professional engineering standards prior to construction. Identify all roadway locations where special construction techniques (e.g., directional drilling or night construction) will be used to minimize impacts to traffic flow. Develop circulation and detour plans to minimize impacts to local street circulation. This will include the use of signage and flagging to guide vehicles through and/or around the construction zone. Schedule truck trips outside of peak morning and evening commute hours. Limit lane closures during peak hours to the extent possible. Use haul routes minimizing truck traffic on local roadways to the extent possible. Include detours for bicycles and pedestrians in all areas potentially affected by project construction. Install traffic control devices as specified in the California Department of Transportation Manual of Traffic Controls for Construction and Maintenance Work Zones. Store construction materials only in designated areas. Coordinate with local transit agencies for temporary relocation of routes or bus stops in work zones, as necessary. 	<p>Crown Castle to provide documentation to the CPUC of either: approval of the traffic control plan by the applicable jurisdiction or written documentation from the applicable jurisdiction that a traffic control plan is not required prior to construction.</p> <p>Crown Castle to implement measure, as defined.</p> <p>CPUC to inspect periodically that traffic control measures are being implemented, as defined.</p>	<p>Caltrans right-of-way encroachment permits provided to the CPUC on July 12, 2016. Permits identify standards for traffic control to be implemented during construction.</p> <p>County road encroachment permits, including traffic control plans, provided to the CPUC on July 12, 2016.</p> <p>Measure to be implemented and verified during construction.</p>
APM-TRA-2	<p>To avoid impeding emergency vehicle traffic around the construction activities, develop an Emergency Vehicle Access Plan that includes the following:</p> <ul style="list-style-type: none"> Evidence of advanced coordination with emergency service providers, including but not necessarily limited to police departments, fire departments, ambulance services, and paramedic services; Emergency service providers will be notified of the proposed project locations, nature, timing, and duration of any construction activities, and will be asked for advice about any road access restrictions that could impact their response effectiveness; and Project construction schedules and routes designed to avoid restricting movement of emergency vehicles to the best extent possible. Provisions to be ready at all times to accommodate emergency vehicles at locations where access to nearby properties may be blocked. Provisions could include the use of platings over excavations, short detours, and/or alternate routes. 	<p>Crown Castle to provide a copy of the emergency vehicle access plan and documentation of agency approval to the CPUC prior to construction.</p> <p>Crown Castle to implement emergency vehicle access plan measures.</p> <p>CPUC to inspect periodically that emergency vehicle access plan measures are being implemented.</p>	<p>Copy of traffic control plans, including emergency vehicle access criteria, provided to CPUC on August 11 and 19, 2016. Caltrans and County traffic control permits provided to CPUC on July 21, 2016.</p> <p>Measure to be implemented and verified during construction.</p>
APM-TRA-3	<p>Prepare and implement a traffic safety plan and coordinate with local transportation and emergency response agencies to avoid potential roadway safety hazards.</p>	<p>Crown Castle to provide a copy of the traffic safety plan and documentation of agency approval to the CPUC.</p>	<p>Copy of traffic control plans, including traffic safety criteria, provided to CPUC on August 11 and 19, 2016. Caltrans and County traffic control permits</p>

**Crown Castle – San Mateo DAS Telecommunication Project – NTP-1
Attachment A (Continued)**

APM No.	Applicant Proposed Measure	Monitoring Requirements and Effectiveness Criteria	Status
		Crown Castle to implement traffic safety plan measures. CPUC to inspect periodically that traffic safety plan measures are being implemented.	provided to CPUC on July 21, 2016. Measure to be implemented and verified during construction.
APM-TRA-4	Limit all parking to right-of-way and pre-approved staging areas to address the increased parking demand created by construction activities.	CPUC to ensure that commitments have been incorporated into construction contract specifications. Crown Castle to provide verification to CPUC of compliance with measure as defined.	Measure to be implemented and verified during construction.
APM-USS-1	Recycle and dispose of construction materials to minimize generation of solid waste resulting from construction activities.	CPUC to ensure that commitments have been incorporated into construction contract specifications. Crown Castle to provide verification to CPUC of compliance with measure as defined.	Crown Castle provided copies of bid and contact documents to the CPUC on August 11 and 19, 2016, requiring compliance with project conditions of approval, including this APM.