APPENDIX G

DESCRIPTION OF ILA SITES WITHIN EXISTING UTILITY RIGHT-OF-WAY

February 1, 2000

1.0 INTRODUCTION

Level (3) plans to construct 13 In-Line Amplification Facilities (ILAs) on existing utility rights-of-way (ROW). This appendix provides information on the setting and attributes of each of these 13 on-ROW ILA facilities. Typical layouts for (approximately) 3,000- and 5,000-square foot ILA facilities are included as Attachment G.1 to this appendix. The two generic layouts have been scaled to the available parcel sizes leased to Level (3) by the railroad or utility owning the ROW. These leases have been granted based on the width of the ROW and critical safety considerations. Although Level (3) has leased larger parcels where available (e.g., Boulder Utility Corridor (BUC) sites, Burney site, and Live Oak Springs site) only small portions of these parcels will be developed. On each of the BUC sites and the Burney site, approximately 5,000 square feet will be developed. On the 10-acre Live Oak Springs site, approximately 7,600 square feet will be developed (1.7% of the acreage).

Prior to construction of each on-ROW ILA, Level (3) will provide the CPUC with the following information for review and approval:

- Figures illustrating the site locality, boundaries, ingress/egress, and other existing features (e.g., overhead utility lines, and structures).
- Biological resource inventory of the subject sites. Relevant biological features shall be added to the figure(s) noted previously.
- Cultural resource survey information of the subject site.
- Figure illustrating surrounding land uses and crane staging pad.
- Description of site preparation activities including an estimation of required area of clearing/grading for foundations, parking, and access roads; and/or removal of other on-site features (e.g., old machinery, garbage); and extension of necessary utilities.
- Proposed mitigation measures, including the use of environmental inspectors, and biological and cultural resource monitors.
- Property owner lease agreements.

In addition, Level (3) will obtain all permits required by local or regional agencies for each of the ILA sites. The above-stated information will be included in segment Line Books submitted to the CPUC, as discussed in PEA Section 4.0. Construction will commence only after the CPUC approves the revised Line Books and issues a Notice to Proceed (NTP).

2.0 ILA SITES WITHIN UTILITY ROW

Burney ILA

The proposed Burney ILA is located east of the community of Burney in Shasta County. The site, a vacant portion of an abandoned railroad yard, is bordered by State Highway 299 to the south and Black Ranch Road to the north. Portions of the abandoned railroad yard abut the site to the east and west. An abandoned spur of the McCloud River Railroad enters the site from the east and terminates on the ILA site. The site is entirely within existing ROW of the McCloud River Railroad.

Level (3) will lease 2.5 acres of vacant, disturbed property from 4-Rails, the current owner of the parcel. The ILA facility will not be permanently staffed. The approximately 5,000 square foot facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Construction of the facility will require no additional staging areas outside the leased parcel. One 150-ton crane will be used to place the ILA huts and generator shelter. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility lines. There are no actively used rail lines in the vicinity of the site.

An existing driveway along Highway 299 provides access to the site. No additional access roads or parking areas will be necessary. The fiber optic innerduct will enter the site from the east along the abandoned McCloud River Railroad spur and will exit the south side of the property, continuing westward along Highway 299. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both

for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Burney ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. Overhead power lines supporting electrical service are in place along the northern edge of the property. Underground phone lines are in place along Highway 299. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

San Martin ILA

The proposed San Martin ILA is located in the community of San Martin in Santa Clara County. The site is located approximately 1,300 feet south of San Martin Street, 50 feet west of Depot Street, and 50 feet east of the Union Pacific Railroad (UPRR) mainline within existing utility (UPRR) ROW. South Street is approximately 60 feet south of the site.

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property from UPRR for the purpose of developing the San Martin ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (UPRR) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access to the site from South Street. The fiber optic innerduct will access the site from the running line located parallel to the UPRR mainline to the west of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The San Martin ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Soledad ILA

The proposed Soledad ILA is located in the City of Soledad in Monterey County. US Highway 101 abuts the site to the southwest. The UPRR mainline runs approximately 200 feet northeast of the site, and a spur line branches off to the north of the site. The site is located entirely within existing utility (UPRR) ROW.

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property from UPRR for the purpose of developing the Soledad ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (UPRR) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require

minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from an existing unpaved road within the utility ROW and will enter the site from the north. The fiber optic innerduct will access the site from the running line located parallel to the UPRR mainline to the northeast of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Soledad ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Whitehills ILA

The proposed Whitehills ILA is located in the City of Lompoc in Santa Barbara County. The site is located approximately 80 feet west of North A Street and 60 feet south of southernmost UPRR track adjacent to the site. The site is located entirely within existing utility (UPRR) ROW.

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property from UPRR for the purpose of developing the Lompoc ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (UPRR ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from North A Street. The fiber optic innerduct will access the site from the running line located along North A Street. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Whitehills ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed underground as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Kadota ILA

The proposed Kadota ILA is located in the City of Merced in Merced County. The site is located approximately 80 feet west of G Street and 50 feet south of southernmost Burlington Northern Santa Fe (BNSF) track adjacent to the site. The site is located entirely within existing utility (BNSF) ROW.

Level (3) will lease an approximately 5,000 square foot parcel of undeveloped property from BNSF Railway for the purpose of developing the Kadota ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete

enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (BNSF) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from G Street. The fiber optic innerduct will access the site from the running line located along the BNSF tracks to the north of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Kadota ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Sandrini ILA

The proposed Sandrini ILA is located near the community of Pond in Kern County. The site is located approximately 500 feet south of Garces Way and 50 feet east of easternmost BNSF track adjacent to the site. The site is located entirely within existing utility (BNSF) ROW.

Level (3) will lease an approximately 5,000 square foot parcel of undeveloped property from BNSF Railway for the purpose of developing the Sandrini ILA. The ILA facility will not be permanently staffed The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (BNSF) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from Garces Way. The fiber optic innerduct will access the site from the running line located along the BNSF tracks to the west of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Sandrini ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Summit ILA

The proposed Summit ILA is located near the community of Monolith in Kern County. The site is located approximately 500 feet west of Sand Canyon Road and 50 feet south of UPRR mainline. The site is located entirely within existing utility (UPRR) ROW.

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property from UPRR for the purpose of developing the Summit ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high

(432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (UPRR) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from Sand Canyon Road. The fiber optic innerduct will access the site from the running line located along the UPRR tracks to the north of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Summit ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Wash ILA

The proposed Wash ILA is located near the community of Littlerock in Los Angeles County. The site is located approximately 500 feet west of 96th Street and 50 feet south of UPRR mainline. The site is located entirely within existing utility (UPRR) ROW.

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property from UPRR for the purpose of developing the Wash ILA. The ILA facility will not be permanently staffed. The facility will include up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet). The ILA huts will be installed side-by-side on a single, 1,728 square foot concrete foundation.

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power up to four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (UPRR) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access from 96th Street. The fiber optic innerduct will access the site from the running line located along the UPRR tracks to the north of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress to and from the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within existing utility ROW.

The Wash ILA will require electricity and telephone service. The facility will require normal, electrical power, consisting of 400-amp, 480-volt, three-phase service. On-site utility lines will be installed as required by local codes. No water of sewer service is required because the site will not be permanently staffed.

Escondido ILA

The proposed Escondido ILA site is located in the City of Escondido, in San Diego County, CA. The site is located on West Grand between S. Spruce and S. Quince. It is within an existing utility easement of the Southern California Regional Rail Authority (Metrolink RR).

Level (3) will lease an approximately 3,000 square foot parcel of undeveloped property for the purpose of developing the ILA. The facility site will have a 1,728 square foot concrete foundation and will accommodate up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet).

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power four ILA huts.

Installation of the ILA hut and generator will require a staging area for one 150-ton crane that will encroach upon an additional 1,700 square feet of existing utility (Metrolink) ROW outside the boundary of the leased parcel. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility or existing rail lines.

A gravel driveway will be installed within existing utility ROW to provide access to the site from West Grand. The fiber optic innerduct will access the site from the running line to the southeast of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress for the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within an existing utility ROW.

The local power company will provide three-phase electrical power. On-site utility lines will be installed as required by local codes. No water, telephone or sewer service is required because the site will not be permanently staffed.

Barstow ILA

The proposed Barstow ILA site is located in San Bernardino County approximately nine miles south of Barstow. The site is located approximately 0.75 miles northeast of Highway 247 within the BUC, an existing utility ROW located on the property of the federal Bureau of Land Management (BLM).

Level (3) will lease a two-acre parcel of undeveloped property from BLM for the purpose of developing the ILA. The facility site will be approximately 5,000 square feet in size with a 1,728 square foot concrete foundation and will accommodate up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet).

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power four ILA huts.

Installation of the ILA huts and generator will require a crane staging area that will utilize 1,700 square feet outside the limits of the approximately 5,000 square foot site. The staging area for the 150-ton crane will be located on the two-acre parcel to be leased by Level (3) and will not encroach upon land outside of existing utility ROW. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. There are no overhead utility or rail lines on the site that would be intentionally or unintentionally affected by the use of the crane.

A gravel driveway will be installed within existing utility ROW to provide access to the site from the existing dirt road. The fiber optic innerduct will access the site from the running line located north of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress for the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within an existing utility ROW.

The local power company will provide single- or three-phase electrical power, as available. On-site utility lines will be installed as required by local codes. No water, telephone or sewer service is required because the site will not be permanently staffed.

Silver Lake ILA

The proposed Silver Lake ILA site is about 15 miles north of the community of Baker in San Bernardino County. The site is located approximately three miles west-southwest of the intersection of Silver Lake Road within the BUC, an existing utility ROW located on the property of the federal Bureau of Land Management (BLM).

Level (3) will lease a two-acre parcel of undeveloped property from BLM for the purpose of developing the ILA. The facility site will be approximately 5,000 square feet in size with a 1,728 square foot concrete foundation and will accommodate up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet).

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power four ILA huts.

Installation of the ILA huts and generator will require a crane staging area that will utilize 1,700 square feet outside the limits of the approximately 5,000 square foot site. The staging area for the 150-ton crane will be located on the two-acre parcel to be leased by Level (3) and will not encroach upon land outside of existing utility ROW. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. There are no overhead utility or rail lines on the site that would be intentionally or unintentionally affected by the use of the crane.

A gravel driveway will be installed within existing utility ROW to provide access to the site from the existing dirt road. The fiber optic innerduct will access the site from the running line to the southeast of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does

not require a trench. Ingress and egress for the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within an existing utility ROW.

The local power company will provide single- or three-phase electrical power, as available. On-site utility lines will be installed as required by local codes. No water, telephone or sewer service is required because the site will not be permanently staffed.

Keany Pass ILA

The proposed Keany Pass ILA is located in San Bernardino County on BLM land. The site is located approximately 250 feet from the California-Nevada border. It lies south of existing electric power lines and adjacent to the existing Wiltel ILA site, approximately 9.5 miles east of Keany Pass in the Clark Mountain range. The area to be developed is located entirely within the BUC, an existing utility ROW located on the property of the federal Bureau of Land Management (BLM).

Level (3) will lease a two-acre parcel of undeveloped property from BLM for the purpose of developing the ILA. The facility site will be approximately 5,000 square feet in size with a 1,728 square foot concrete foundation and will accommodate up to four prefabricated, transportable modular amplification units (huts), each measuring 12 feet wide by 36 feet long by 10 feet 3 inches high (432 square feet).

A 300 kW (449 hp) emergency standby generator will be installed on a separate, concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. The 300 kW generator has sufficient capacity to power four ILA huts.

Installation of the ILA huts and generator will require a crane staging area that will utilize 1,700 square feet outside the limits of the approximately 5,000 square foot site. The staging area for the 150-ton crane will be located on the two-acre parcel to be leased by Level (3) and will not encroach upon land outside of existing utility ROW. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. There are no overhead utility or rail lines on the site that would be intentionally or unintentionally affected by the use of the crane.

A gravel driveway will be installed within existing utility ROW to provide access to the site from the existing dirt road. The fiber optic innerduct will access the site from the running line located north of the main power line to the east of the site. Fiber optic cable will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Ingress and egress for the parcel, both for construction of the ILA facility and laying of the fiber optic innerduct, will be within an existing utility ROW.

The local power company will provide single- or three-phase electrical power, as available. On-site utility lines will be installed as required by local codes. No water, telephone or sewer service is required because the site will not be permanently staffed.

Live Oak Springs ILA

The ten-acre undeveloped parcel within which the approximately 7,600 square foot ILA facility will be constructed is located approximately two miles west of the community of Live Oak Springs in San Diego County. The parcel, which lies approximately 900 feet south of Old State Highway 80, sits on a hilltop at the southern end of the Peninsular Range at an elevation of just over 4,000 feet. The habitat in the area and site consists of inland chaparral, dominated by chamise and redshanks.

The surrounding area can be considered as rural residential area and is zoned as General Rural Use (S-92). Residential properties border the site on the north and west, with the remainder of the surrounding property being vacant. The western boundary of the Campo Indian Reservation is located approximately 500 feet east of the site. The site is completely surrounded by dirt roads. The site will be located in a blanket utility easement in favor of Mountain Empire Electric Company, Inc. recorded August 5, 1958, in San Diego County, California. Ingress and egress of vehicles, construction equipment, and the fiber optic cable will be located in the above-stated easement, as well as additional public utility easements in favor of Mountain Empire Electric Company, Inc. (recorded March 8, 1971) and Robert Bobbit, *et. al.* (recorded June 17, 1982).

The proposed ILA facility will include up to four prefabricated, transportable, modular amplification units (huts), each measuring 12 feet by 36 feet (432 square feet) and 10 feet 3 inches in height. The set of four huts will be installed on a 24-foot-by-72-foot (1,728 square feet) concrete pad and will be attached side-by-side. A 300 kW (449 hp) emergency standby

generator will be installed on a separate concrete foundation to provide electric power during interruptions of utility service. The generator will be housed in a 12-foot wide by 24-foot long by 10-foot high pre-cast concrete enclosure. Noise insulation will be provided as necessary to comply with local standards. A gravel driveway will be installed within existing utility ROW to provide access to an existing dirt road along the northern boundary of the site.

Construction of the facility will require no additional staging areas outside the leased parcel. One 150-ton crane will be used to place the ILA huts and generator shelter. Site preparation for placement of the crane may require minor leveling of the surface and removal of soil to a depth of no more than one foot below grade. The crane will be placed on the site so that any accident involving the crane (e.g., if the crane were to tip and topple) would not effect overhead utility lines. There are no rail lines in the vicinity of the site.

No additional buildings will be constructed. Control and maintenance functions will occur within the proposed facilities. An outside light, equivalent to a small porch light, will illuminate the entrance to each structure. The ILA facility will not be permanently staffed, and will require only an electric hookup. Utility lines supporting electric power (400-amp, 480-volt, three-phase) are located overhead on wooden poles that enter the parcel at the southeast corner. Within the parcel, the utility line runs in a west-northwest direction for approximately 250 feet before turning northerly and running along a dirt road/trail, and ending just south of the southerly ROW of Old Highway 80. On-site utility lines will be installed as required by local codes.

A 60-foot wide road and utility easement runs in a north-south direction from Old Highway 80 just east of the parcel. When it reaches the vicinity of the northern parcel boundary, it makes a 90° turn west and joins the dirt road system that surrounds the site at the northeastern corner of the property. The connections to and from the running line, located within Old Highway 80, will follow this easement to northeast corner of the parcel. It will then travel in a westerly direction approximately 300 feet along the northern peripheral dirt road before entering the parcel. The connectors will be installed at a depth of approximately 42 inches by trenching, laying the conduit, and backfilling, or by plowing in the conduit, which does not require a trench. Both State Highway 80 and the periphery dirt road will be encroached by the connector installation.

The ILA site will be visible from Interstate 8 and from rural residences in the surrounding area. Interstate 8 is not designated as a state scenic highway, but San Diego does classify the highway as a "third priority scenic route." To limit impacts on public viewsheds, Level (3) will

maintain existing native vegetation on the site to the maximum extent possible and will choose colors that blend in with existing vegetation and soils. Due to topography and surrounding vegetation, the site will not be visible from Old State Highway 80.

Attachment

Attachment G.1 Typical Layouts of Approximately 3,000- and 5,000-Square Foot On-ROW ILA Facilities

ATTACHMENT G.1

TYPICAL LAYOUTS OF
(APPROXIMATELY) 3,000- AND 5,000-SQUARE FOOT
ON-ROW ILA FACILITIES