

5.15 Public Services

5.15.1 Environmental Setting

Fire Protection

Fire protection for the unincorporated Shasta County communities is provided by Battalion 4 of the Shasta County Fire Department, which consists of three Shasta County Volunteer Fire Companies (VFCs)—VFC 32 Palo Cedro, VFC 54 Lakehead, and VFC 55 West Valley—the Shasta County Fire Department Palo Cedro Station 32, and the California Department of Forestry and Fire Protection (CAL FIRE) Redding Station 43. VFC 50 Igo-Ono is also in the vicinity of Happy Valley and the proposed project area (SCFD 2018).

The service area of Battalion 4 is located in Redding and is interspersed with two other incorporated cities: Anderson and Shasta Lake. There are three unincorporated communities within the battalion, which are served by the independent fire districts of Mountain Gate, Happy Valley, and Cottonwood. The northern portion of Battalion 4 north of Shasta Lake lies within Federal Direct Protection Areas and is administered by the U.S. Forest Service (USFS), Shasta-Trinity National Forest. While the statutory responsibility for all wildland fires on these lands rests with the USFS, the protection responsibility for all medical aids, traffic collisions, hazardous conditions, and fires involving boats, automobiles, structures, and other improvements is served by the Shasta County Fire Department (SCFD), administered by CAL FIRE under contract.

The closest fire station to the proposed project area is the Happy Valley Fire Department, situated immediately adjacent to a central segment of the proposed project area, at 17441 Palm Avenue in Anderson.

Police Protection

The Shasta County Sheriff's Department (SCSD), located at 300 Park Marina Circle in Redding approximately 7.8 miles north of the proposed underground fiber-optic cable (telecom line) route provides police protection services to the unincorporated communities and areas of Shasta County. The nearest police station to the proposed project area is the Anderson Police Department, located at 220 North Street in Anderson, approximately 5.5 miles east of the proposed underground telecom line route.

Schools

The Happy Valley Union School District, Igo-Ono-Platina Union School District, and Anderson Union High School District provide school services for students in the Happy Valley, Olinda, and Igo areas. The Happy Valley Community Day School, Happy Valley Elementary School, and Happy Valley Primary School are the closest schools to the proposed project area. The Happy Valley Union School District consists of two elementary schools and one middle school. The Igo-Ono Platina Union School District consists of two elementary schools. The Anderson Union School District consists of five high schools and one adult school.

The following schools are near the proposed project area:

- Adult School(s)
 - Anderson Adult School – Approximately 3 miles east of a proposed TDS node/DLC facility and 5 miles east of the proposed underground telecom line route.

- 1 • High School(s)
- 2 - Anderson Union High School – Approximately 3 miles east of a proposed TDS node/DLC
- 3 facility and 5.2 miles east of the proposed underground telecom line route.
- 4 - Anderson New Technology High School – Approximately 3.5 miles east of a proposed TDS
- 5 node/DLC facility and 5.5 miles east of the proposed underground telecom line route.
- 6 - North Valley Continuation High School – Approximately 3.1 miles east of a proposed TDS
- 7 node/DLC facility and 5.1 miles east of the proposed underground telecom line route.
- 8 - Oakview High School – Approximately 3.1 miles east of a proposed TDS node/DLC facility
- 9 and 5.1 miles east of the proposed underground telecom line route.
- 10 - West Valley high School – Approximately 1.9 miles north of the proposed underground
- 11 telecom line route.
- 12 • Middle School(s)
- 13 - Happy Valley Community Day School – Approximately 260 feet east of the proposed
- 14 underground telecom line route.
- 15 • Elementary School(s)
- 16 - Happy Valley Union Elementary School – Approximately 260 feet east of the proposed
- 17 underground telecom line route.
- 18 - Happy Valley Primary School – Approximately 260 feet west of the proposed underground
- 19 telecom line route.
- 20 - Igo-Ono Elementary School – Approximately 900 feet south of the proposed underground
- 21 telecom line route.
- 22 - Platina Elementary School – Approximately 20 miles west of the proposed underground
- 23 telecom line route.
- 24
- 25

25 **Parks**

26 Several parks are near the proposed project area, all located in the vicinity of the northwestern portion of
27 the proposed project; the closest are:

- 28 • Clear Creek Greenway and Horsetown Creek – Approximately 50 feet north and south of the
- 29 proposed underground telecom line route;
- 30 • Clear Creek Gorge Overlook – Approximately 0.85 miles east of the proposed underground
- 31 telecom route;
- 32 • Mule Ridge Trails – Approximately 1 mile north of the proposed underground telecom route; and
- 33 • Whiskeytown National Recreation Area – Approximately 3.3 miles north of the proposed
- 34 underground telecom line route (BLM n.d.; Shasta County 2009).
- 35

36 **Other Public Facilities**

37 Shasta County operates three public libraries. The library facility that is closest to the proposed project
38 area is the Anderson Library located at 3200 West Center Street in Anderson, approximately 3.3 miles
39 east of a proposed TDS node/DLC facility and 5.2 miles east of the proposed underground telecom line
40 route. Library hours are Tuesday through Friday 9:00 a.m. to 6:00 p.m., and Saturday 10:00 a.m. to 2:00
41 p.m. This branch is closed Sunday and Monday.

42

1 The closest medical facility to the proposed project area is the Happy Valley Family Health Center,
2 located at 16300 Cloverdale Road in Happy Valley, approximately 200 feet east of the proposed
3 underground telecom line route.

5.15.2 Regulatory Setting

Federal

8 There are no relevant federal regulations relating to public services in the proposed project area.

State

11 **California Public Utilities Commission.** The CPUC regulates private companies providing public utility
12 services throughout the state of California. The CPUC's utility regulatory services and regulations extend
13 to the telecommunications services in the proposed project area and are maintained throughout the CEQA
14 process for new utility planning and construction procedures.

16 **California Fire Code.** The California Fire Code establishes baseline safety and regulatory measures
17 intended to protect the public against the hazards associated with fire. Chapter 33 of the California Fire
18 Code focuses on fire safety measures during construction and demolition.

- 19 • California Fire Code, Part 9, Chapter 33: Fire Safety During Construction and Demolition,
20 Section 3304: Precautions Against Fire.
 - 21 - *3304.2 Combustible debris, rubbish and waste: Combustible debris, rubbish and waste*
22 *material shall comply with the requirements of Sections 3304.2.1 through 3304.2.4.*
 - 23 - *3304.2.3 Rubbish containers: Where rubbish containers with a capacity exceeding 5.33 cubic*
24 *feet (40 gallons) (0.15 m³) are used for temporary storage of combustible debris, rubbish and*
25 *waste material, they shall have tight-fitting or self-closing lids. Such rubbish containers shall*
26 *be constructed entirely of materials that comply with either of the following:*
 - 27 1. *Noncombustible materials.*
 - 28 2. *Materials that meet a peak rate of heat release not exceeding 300 kW/m² when tested*
29 *in accordance with ASTM E1354 at an incident heat flux of 50kW/m² in the*
30 *horizontal orientation.*
 - 31 - *3304.2.4 Spontaneous ignition: Materials susceptible to spontaneous ignition, such as oily*
32 *rags, shall be stored in a listed disposal container.*
 - 33 - *3304.3 Burning of combustible debris, rubbish and waste: Combustible debris, rubbish and*
34 *waste material shall not be disposed of by burning on the site unless approved.*
 - 35 - *3304.5 Fire watch: Where required by the fire code official for building demolition, or*
36 *building construction during working hours that is hazardous in nature, qualified personnel*
37 *shall be provided to serve as an on-site fire watch. Fire watch personnel shall be provided*
38 *with not less than one approved means for notification of the fire department and their sole*
39 *duty shall be to perform constant patrols and watch for the occurrence of fire.*
 - 40 - *3304.7 Electrical: Temporary wiring for electrical power and lighting installations used in*
41 *connection with the construction, alteration or demolition of buildings, structures, equipment*
42 *or similar activities shall comply with the California Electrical Code.*
- 43 • California Fire Code, Part 9, Chapter 33: Fire Safety During Construction and Demolition,
44 Section 3310: Access for Fire Fighting.
 - 45 - *3310.1 Required access: Approved vehicle access for fire fighting shall be provided to all*
46 *construction or demolition sites. Vehicle access shall be provided to within 100 feet (30,480*

1 *mm) of temporary or permanent fire department connections. Vehicle access shall be*
2 *provided by either temporary or permanent roads, capable of supporting vehicle loading*
3 *under all weather conditions. Vehicle access shall be maintained until permanent fire*
4 *apparatus access roads are available.*

- 5 • California Fire Code, Part 9, Chapter 33: Fire Safety During Construction and Demolition,
6 Section 3316: Motorized Construction Equipment
- 7 - *3316.1 Conditions of use: Internal-combustion-powered construction equipment shall be*
8 *used in accordance with all of the following conditions:*
 - 9 1. *Equipment shall be located so that exhausts do not discharge against combustible*
10 *material.*
 - 11 2. *Exhausts shall be piped to the outside of the building.*
 - 12 3. *Equipment shall not be refueled while in operation.*
 - 13 4. *Fuel for equipment shall be stored in an approved area outside of the building*
14

15 Local

16 **Shasta County General Plan** The following objective and policies in Section 7.5 of the Shasta County
17 General Plan (2004) pertain to public facilities and are relevant to the proposed project:

- 18 • *Objective PF-4: Development of a land use pattern which can be adequately served with*
19 *community facilities such as schools, libraries, and community recreation.*
- 20 • *Policy PF-a: Shasta County shall take appropriate actions for achieving objective PF-4. Every*
21 *opportunity for interjurisdictional and interagency cooperation in other areas shall be*
22 *encouraged to this end.*
- 23 • *Policy PF-h: Public uses (e.g. schools, parks, waste disposal sites) and public utilities (e.g.*
24 *substation, transmission lines) whose site-specific locations often cannot be identified in advance*
25 *by the General Plan may be permitted throughout the County to serve the public need.*
26 *Appropriate zoning on site-specific locations will be determined in response to the identified need*
27 *as it occurs. Solid waste disposal facilities shall be conditionally permitted to ensure that the site*
28 *is compatible with adjacent land uses. Surrounding land uses, to the extent feasible, shall be*
29 *regulated to avoid incompatibility with the solid waste disposal facilities.*
30

31 5.15.3 Environmental Impacts and Assessment

32
33 The impact analysis below identifies and describes the proposed project's potential impacts on public
34 services within the proposed project area. Potential impacts were evaluated according to significance
35 criteria based on the checklist items presented in Appendix G of the CEQA Guidelines and listed at the
36 start of each impact analysis section below. Both the construction and maintenance/operations phases
37 were considered; however, because the construction phase could result in physical changes to the
38 environment, analysis of construction phase effects warranted a more detailed evaluation.
39

40 Applicant Proposed Measures

41 The applicant has not incorporated APMs to specifically minimize or avoid impacts on public services. A
42 list of all project APMs is included in Table 4-2 in Chapter 4.
43

1 **Significance Criteria**

2 Table 5.15-1 describes the significance criteria from Appendix G of the CEQA Guidelines’ public
3 services section, which the CPUC used to evaluate the environmental impacts of the proposed project.
4

Table 5.15-1 Public Services Checklist

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5
6 ***Would the project result in substantial adverse physical impacts associated with the provision of new or***
7 ***physically altered governmental facilities, need for new or physically altered governmental facilities,***
8 ***the construction of which could cause significant environmental impacts, in order to maintain***
9 ***acceptable service ratios, response times or other performance objectives for any of the public services:***

10
11 **a. Fire Protection**

12
13 The SCFD provides fire service. The proposed project would include the construction and installation of a
14 new high-speed broadband fiber-optic cable, seven new DLC sites, and renovation of up to six existing
15 DLC sites in the proposed project area. However, the SCFD already has significant resources in place in
16 the proposed project area, as residential houses and commercial businesses populate it. Because of the
17 well-known risk of fires in California, Shasta County has ensured there is more than adequate fire
18 protection in neighborhoods under its jurisdiction. Moreover, construction activities for the proposed
19 project could pose fire risks through both equipment hazards and brushfire hazards associated with
20 vegetation removal. However, the applicant would address brushfire risks by minimizing tree trimming
21 and vegetation clearing during project construction, thereby minimizing the amount of vegetative fuel in
22 the proposed project area. Since no new housing would be constructed as a result of the proposed project,
23 and therefore no new residents added to the communities of Happy Valley, Olinda, and Igo, the proposed
24 project would not represent a potential need for expanded fire protection in the area, or affect service and
25 response times. Therefore, impacts on fire service would be less than significant.

26
27 Operation and maintenance of the proposed project would require minimal personnel and limited
28 equipment. It would not require new or expanded fire protection services. Because the proposed project
29 would not provide new or altered fire protection facilities or create a need for new or altered fire
30 protection facilities, it would not substantially alter performance objectives for fire protection during
31 operation and maintenance.

32
33 **Significance: Less than significant.**

1
2 ***b. Police Protection?***
3

4 The SCSD provides police protection for the proposed project area. The SCSD already provides police
5 services in the proposed project area, and the nature of those services would not change as a result of the
6 proposed construction and installation of affordable broadband Internet services to currently underserved
7 areas in Happy Valley, Olinda, and Igo. Further, it is unlikely that additional deputies would be needed in
8 the project area. The proposed project would not provide new or altered police protection facilities or
9 create a need for new or altered police protection facilities, nor would it substantially alter performance
10 objectives for police protection; therefore, the proposed project would have no impact on police
11 protection.
12

13 **Significance: No Impact.**

14
15 ***c. Schools?***
16

17 The Happy Valley Union School District, Igo-Ono-Platina Union School District, and the Anderson
18 Union High School District provide school services for students in the Happy Valley, Olinda, and Igo
19 areas. Since no new housing would be constructed as a result of the proposed project, and therefore no
20 new residents added, the proposed project would have no impact on schools in the proposed project area.
21

22 **Significance: No Impact.**

23
24 ***d. Parks?***
25

26 Parks identified near the proposed project area are Horsetown Clear-Creek Preserve, the Whiskeytown
27 National Recreation Area, the Mule Ridge Trails, and the Clear Creek Gorge Outlook. The proposed
28 underground telecom line route and DLC sites would be installed in utility corridors, and no construction
29 or staging would occur in parks, recreation areas, or access to natural areas or trailheads. Construction
30 crews would be local and relatively small in number. Furthermore, since no new housing would be
31 constructed as a result of the proposed project, and therefore no new residents added, the proposed project
32 would not create a need for new or altered park facilities, and it would not substantially alter performance
33 objectives for parks. The proposed project would have no impact on parks in the proposed project area.
34

35 **Significance: No impact.**

36
37 ***e. Other Public Facilities?***
38

39 Since no new housing would be constructed as a result of the proposed project, and therefore no new
40 residents added to the communities in the proposed project area, the proposed project would have no
41 impact on libraries or medical facilities in the area. There are no other aspects of public services that
42 would be impacted by the proposed project.
43

44 **Significance: No Impact.**

45
46 **Mitigation Measures**

47 Because all public services impacts related to the proposed project would be less than significant or
48 nonexistent, no mitigation measures are required.