

**Appendix O:  
Public Services Supporting Information**

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March 8, 2017

Jack L. Thomas, Fire Chief  
Orange Fire Department  
176 S Grand St,  
Orange, CA 92866

**Trails at Santiago Creek Specific Plan/Environmental Impact Report**

Dear Chief Thomas:

FirstCarbon Solutions (FCS) is preparing an Environmental Impact Report (EIR) for the proposed Trails at Santiago Creek Specific Plan on behalf of the City of Orange. As part of the environmental review process, we are consulting with public service providers to determine potential project impacts on their ability to deliver services.

The Trails at Santiago Creek project site occupies approximately 109 acres located at 6118 E. Santiago Canyon Road in the City of Orange. The proposed project consists of the development of 150 dwelling units on 50 acres adjacent to E. Santiago Canyon Road and the preservation of the balance of the site as open space. Vehicular access would be taken from E. Santiago Canyon Road.

Enclosed is a questionnaire that contains several questions concerning potential impacts on the Orange Fire Department. We would appreciate it if you or one of your staff members could complete and return the questionnaire to us on Fire Department letterhead by April 7, 2017.

Please contact me if you have any questions or would like additional information.

Sincerely,

Charles Holcombe  
Senior Project Manager  
**FirstCarbon Solutions**  
250 Commerce, Suite 250  
Irvine, CA 92602  
Phone: (714) 508-4100

**UNITED STATES**

Irvine  
250 Commerce, Suite 250  
Irvine, CA 92602

Los Angeles  
11755 Wilshire Blvd, Suite 1660  
Los Angeles, CA 90025

Bay Area  
1350 Treat Boulevard, Suite 380  
Walnut Creek, CA 94597

Central Valley  
7265 N First Street, Suite 101  
Fresno, CA 93720

Inland Empire  
650 E. Hospitality Lane, Suite 125  
San Bernardino, CA 92408

Sacramento  
915 Highland Pointe Drive, Suite 250  
Roseville, CA 95678

Connecticut  
1175 Post Road E  
Westport, CT 06880

**EUROPE**

United Kingdom  
Tel: +44 (0) 845.165.6245  
Fax: +44 (0) 20.3070.0890  
Future Business Centre  
Kings Hedges Rd.  
Cambridge CB4 2HY  
United Kingdom

**AUSTRALIA**

New South Wales  
Tel: +61 (02) 9418.7822  
Fax: +61 (02) 9418.7833  
13-15 Smith Street  
Chatswood, NSW 2067  
Australia

**AFRICA**

Kenya  
Tel: +254-737-433-621  
ADEC Kenya Services EPZ Ltd.  
Nairobi, Kenya

**ASIA**

Philippines  
Tel: +63 (2) 775.0632  
Fax: +63 (2) 775.0632 local 8050  
26<sup>th</sup> Floor, Philippine AXA Life Centre,  
Sen. Gil Puyat Avenue,  
Makati City, Metro Manila

**Malaysia**

Tel: +603 74902112  
Fax: +603 79606977  
15-7, Block A, Jaya ONE  
72A Jalan Universiti  
46200 Petaling Jaya  
Selangor, Malaysia





**Orange Fire Department Questionnaire**

1. We have prepared the following description of the Orange Fire Department based on information posted on the Fire Department website. We would appreciate it if you could review and edit (as needed) for completeness and accuracy.

**Fire Protection and Emergency Medical Services**

The Orange Fire Department (Fire Department) provides fire protection and emergency medical service to the City of Orange. The Fire Department is headquartered at 176 S. Grand Street, Orange, CA.

**Stations**

The Fire Department emergency responders work out of 8 fire stations strategically located throughout the city. The closest station to the project site is Fire Station 8, which is located approximately 1.75 mile north of the project site at 5725 Carver Lane. Table 1 summarizes Station No. 8.

**Table 1: Fire Station Summary**

Station No.	Address	Distance From Project Site
8	5725 Carver Lane	1.75 miles
Source: City of Orange, 2016.		

**Staffing and Organization**

The City of Orange Fire Department consists of two sections: Services and Operations. The department provides emergency response, administrative, fire prevention, disaster preparedness, and arson investigation services. The Orange Fire Department employs approximately 137 personnel, including 124 sworn emergency responders.

The Orange Fire department provides fire paramedic and ambulance service with an integrated paramedic/transportation system. This system uses front line engine, truck and rescue ambulance companies to provide these emergency medical services. Every fire station houses at least one “paramedic assessment unit” (PAU) which is normally staffed with at least one paramedic. PAU’s are normally in the form of an engine company. PAU’s are at every station to achieve the goal of an initial on-scene time for EMS intervention of less than six minutes. Then, the rescue ambulances located at Stations 1, 3, 4, and 5 arrive to complete a paramedic team.

**Calls for Service**

In 2016, the Orange Fire Department responded to approximately 15,048 incidents, of which 80 percent (12,048 calls) were medical in nature. This reflects an virtually equal call load to 2015, in which the fire department

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Walnut Creek, CA 94597

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San Bernardino, CA 92408

Sacramento  
915 Highland Pointe Drive, Suite 250  
Roseville, CA 95678

Connecticut  
1175 Post Road E  
Westport, CT 06880

**EUROPE**

United Kingdom  
Tel: +44 (0) 845.165.6245  
Fax: +44 (0) 20.3070.0890  
Future Business Centre  
Kings Hedges Rd.  
Cambridge CB4 2HY  
United Kingdom

**AUSTRALIA**

New South Wales  
Tel: +61 (02) 9418.7822  
Fax: +61 (02) 9418.7833  
13-15 Smith Street  
Chatswood, NSW 2067  
Australia

**AFRICA**

Kenya  
Tel: +254-737-433-621  
ADEC Kenya Services EPZ Ltd.  
Nairobi, Kenya

**ASIA**

Philippines  
Tel: +63 (2) 775.0632  
Fax: +63 (2) 775.0632 local 8050  
26<sup>th</sup> Floor, Philippine AXA Life Centre,  
Sen. Gil Puyat Avenue,  
Makati City, Metro Manila

**Malaysia**

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15-7, Block A, Jaya ONE  
72A Jalan Universiti  
46200 Petaling Jaya  
Selangor, Malaysia





responded to 15,090 incidents. Station No. 8 responded to 631 incidents in 2016.

**Response Times**

The Orange Fire Department’s average response time was 3 minutes, 45 seconds in 2016.

**Aid Agreements**

The Orange Fire Department has automatic aid agreements with the cities of Anaheim, Santa Ana, Garden Grove and the Orange County Fire Authority.

2. Please identify the number of calls for service that you anticipate the proposed projects will generate, and, if possible, please provide a breakdown of call type (medical emergencies, fires, false alarms, etc.). Please indicate if the Fire Department would have adequate resources to accommodate this number of calls for service.

The actual number of incidents is unknown. However, the project is currently planned for single family dwelling units and gardening/other-open uses. Given that 80% of emergency responses are for medical aids – and the current use is very sparsely populated as a mining/rock-crushing operation, the incident volume at this site will increase substantially. The call load in this area of the city is currently low, so the Fire Department will be able to handle the call load at this time. The future demographics of this area of the city are unknown, though. Another unknown is the status of Orange County Fire Authority Station 23. This station is responsible for providing fire service emergency response to the community of Villa Park. With two fire stations being located so close together, there is a possibility that the City of Villa Park could contract with the City of Orange for fire services, thereby substantially increasing the call load of City of Orange Fire Station 8.

3. Please describe any significant challenges the proposed projects may present to the Fire Department. This includes concerns related to response times, staffing, apparatus, fire stations, etc. For any significant concerns, please describe what measures you would recommend to reduce the potential impact.

This area of the city includes an “wildland/urban interface” (WUI). The fire history and overall fire hazard severity in the area requires that the project would be required to comply with fuel modification requirements as adopted by the City of Orange. Also, a minimum of two points of access and egress could be required for the residential piece of the project.

4. Please feel free to provide any additional information you believe to be relevant to the proposed projects.

Not applicable.

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**Malaysia**

Tel: +603 74902112  
Fax: +603 79606977  
15-7, Block A, Jaya ONE  
72A Jalan Universiti  
46200 Petaling Jaya  
Selangor, Malaysia



Thank you for taking the time to respond to this questionnaire. Please return the completed questionnaire on Fire Department letterhead by Friday, April 7, 2017 to:

Charles Holcombe  
FCS International  
250 Commerce, Suite 250  
Irvine, CA 92602  
Phone: (714) 508-4100  
Fax: (714) 508-4110  
E-mail: cholcombe@fcs-intl.com

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15-7, Block A, Jaya ONE  
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46200 Petaling Jaya  
Selangor, Malaysia



# MEMORANDUM

To: Robert Garcia, Senior Planner  
Community Development

Attn: Phil McMullin, Sergeant  
Homeland Security

From: Brad Beyer, CPS/TLO  
Crime Prevention Bureau

Date: June 6, 2017

Re: Trails at Santiago Creek, 6118 E. Santiago Canyon Road- Specific Plan/ EIR Report

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### Police Protection

A significant impact may occur if a project creates the need for new or physically altered police facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives. The City of Orange Police Department provides police protection service to the project site. The Police Department responds to emergency situations and patrols neighborhoods and commercial areas within the City to promote a safe environment. Police Department staff maintains official criminal records, investigates crime, and, in an emergency, assesses situations and quickly dispatches appropriate emergency responses. The Police Department also directs proactive crime prevention programs including Neighborhood Watch, community educational programs, physical site security assessments and development design standards.<sup>1</sup>

### Police Station

The Police Department headquarters and main police station is located at 1107 N. Batavia Street, approximately 4.6 miles west of the project site. There is also a police substation at The Outlets at Orange, located at 20 City Boulevard West, with officers primarily dedicated to that site. The City of Orange is divided into 97 police reporting districts. The project is within police reporting district # 94 with boundaries of Santiago Canyon Road and the Santiago Creek.

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<sup>1</sup> Page PS-23, Orange General Plan: <http://www.cityoforange.org/civicax/filebank/blobdload.aspx?blobid=9424>.

## Response Time

Emergency response times on average, vary anywhere from four to seven minutes depending on other call priorities and location of police vehicles in relation to call location. The call response time accounts for the department's policy requiring two officers be available before responding to an emergency call. Each new development has a potential impact on response times and increased demand on police services. Using design mitigations and adding security measures could help reduce the number of times the police department responds to the project area.

## Construction

Construction sites can be sources of attractive nuisances, providing hazards, and inviting theft and vandalism. Therefore, when not properly secured, construction sites can become a distraction for local law enforcement from more pressing matters that require their attention. Consequently, developers typically take precautions to prevent trespassing through construction sites. Most commonly, temporary fencing is installed around the construction site to keep out the curious and trespassers. The project applicant would employ construction security features, outlined in Orange Municipal Code Chapter 15.52.110, including fencing, lighting, and other features that would secure the project site during construction, to reduce the likelihood of criminal activity.

## Operation

The Orange Police Department is staffed by 167 sworn officers, 60 full-time civilian support staff and 15 reserve officers. The response area covered is approximately 27 square miles with future expansion of up to 55 square miles.

The Police Department does not use a standard officer-to-population or standard response time objective ratio to measure the adequacy of policing levels in the City of Orange. Instead, the Police Department analyzes demographics, service calls, population, crime trends and other changing factors to determine the level of police services needed.

The project could increase demand for additional police service; however, a Police Facility Development Fee has been established that applies to new developments and would offset the demand created. According to the City's findings, the fees to finance police facilities required by new development is necessary in order to avoid adversely impacting existing police protection facilities. The City of Orange Municipal Code Section 3.13.020 part 2, Fee, states that a police facility development fee shall be due upon the following:<sup>2</sup>

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<sup>2</sup> City of Orange Municipal Code: <https://library.municode.com/index.aspx?clientId=16539>.



Using appropriate security design concepts would assist in mitigating residential uses and open space in the project area. To ensure adequate services are provided and to minimize the demands on police services, security and design measures that employ Defensible Space concepts will be utilized in development and construction plans. These measures incorporate the concepts of Crime Prevention through Environmental Design (CPTED), which involves considerations such as placement and orientation of structures, access and visibility of common areas, placement of doors, windows, addressing, and landscaping. CPTED promotes public safety, physical security and allows citizens the ability to monitor activity in neighboring areas. It is based on five concepts to provide non-invasive and permanent measures to prevent and reduce crime: territoriality, natural surveillance, access control, activity support, and maintenance.<sup>3</sup>

Police protection impacts would be addressed by the incorporation of the Police Department's CPTED design requirements and Building Security Standards (OMC 15.52, Security Ordinance #7-79) to be included in the design and construction of the project.

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<sup>3</sup> Page PS-25, Orange General Plan: <http://www.cityoforange.org/civicax/filebank/blobdload.aspx?blobid=9424>.

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