



**COUNTY OF ORANGE  
HEALTH CARE AGENCY**

**HEALTH DISASTER MANAGEMENT  
EMERGENCY MEDICAL SERVICES**



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May 8, 2015

Battalion Chief Bill Lockhart  
Emergency Medical Services Division  
Orange County Fire Authority  
P.O. Box 57115  
Irvine, California 92619-7115

SUBJECT: OCFA SERVICE ENHANCEMENTS, JULY 2015

Dear Chief Lockhart:

This is to confirm receipt of your letter dated May 6, 2015, describing the OCFA service enhancements that would reduce multi-unit responses and impacts on adjacent agencies. The described service enhancements include:

1. Conversion of Paramedic Assessment Engine 30 to Paramedic Engine 30
2. Conversion of Paramedic Assessment Engine 10 to Paramedic Engine 10
3. Decommission of Medic 32
4. Conversion of BLS Engine 32 to Paramedic Engine 32
5. Conversion of Paramedic Assessment Truck 43 to Paramedic Truck 43
6. Conversion of Paramedic Assessment Truck 49 to Paramedic Truck 49

Based on prior discussions with OCFA and internal assessment, Orange County EMS supports the service enhancement plan described above. The proposed enhancement plan will be presented for review by OCEMS staff to the next (June 26, 2015) Orange County Emergency Medical Services Committee meeting.

At this time, I see no problem with proceeding with the enhancement plan. Also, once in place and a defined implementation date is established, if you will notify Vicky Sweet, RN of our office and myself, we will assure that the EMS system is formally notified of the changes so that there will be no confusion among base hospitals, field personnel, or Orange County Communications.

Please feel free to contact me at 714-834-2824 or by email at [sstratton@ochca.com](mailto:sstratton@ochca.com) at any time for questions or comments you may have.

With best regards,

Sam J. Stratton, MD, MPH  
Deputy Health Officer, and  
Medical Director, Health Disaster Management/EMS  
Orange County Health Care Agency

SJS/#2300



# ORANGE COUNTY FIRE AUTHORITY

P.O. Box 57115, Irvine, CA 92619-7115 • 1 Fire Authority Road, Irvine, CA 92602

Jeff Bowman, Fire Chief

(714) 573-6000

[www.ocfa.org](http://www.ocfa.org)

May 6, 2015

Sam Stratton, M.D.  
Emergency Medical Services  
Orange County Health Care Agency  
405 West Fifth Street, Suite 301-A  
Santa Ana, CA 92701

Subject: OCFA Service Enhancements, July 2015

Dear Dr. Stratton,

The Orange County Fire Authority Board on April 23rd formally approved service enhancements that would reduce multi-unit responses, impact to adjacent agencies, and improve response times. In order to implement these service enhancements (effective July 10 2015), the OCFA requires approval from OCEMS for the following:

- Conversion of Paramedic Assessment Engine 30 to Paramedic Engine 30
- Conversion of Paramedic Assessment Engine 10 to Paramedic Engine 10
- Decommission of Medic 32
- Conversion of BLS Engine 32 to Paramedic Engine 32
- Conversion of Paramedic Assessment Truck 43 to Paramedic Truck 43
- Conversion of Paramedic Assessment Truck 49 to Paramedic Truck 49

Related details for this request for approval are contained within the attachment.

Thank you for your consideration and support; we look forward to your response.

Sincerely,

Bill Lockhart  
Battalion Chief, Emergency Medical Services

Attachment/Enclosure: ALS Unit Approval Request

c: Tammi McConnell



## Orange County Fire Authority

### Request for Approval to Enhance ALS Service

Proposed Date of Implementation July 10, 2015

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#### Contact for Further Information

Bill Lockhart, Battalion Chief  
Emergency Medical Services Section  
Operations Department

714.573-6071  
[billlockhart@ocfa.org](mailto:billlockhart@ocfa.org)

#### Summary

The Orange County Fire Authority requests approval for the following:

- Conversion of Paramedic Assessment Engine 10 to Paramedic Engine 10
- Conversion of Paramedic Assessment Engine 30 to Paramedic Engine 30
- Decommission of Medic 32
- Conversion of Basic Life Support Engine 32 to Paramedic Engine 32
- Conversion of Paramedic Assessment Truck 43 to Paramedic Truck 43
- Conversion of Paramedic Assessment Truck 49 to Paramedic Truck 49

This enhancement of service requires approval from Orange County Emergency Medical Services as defined in Policy #705.00.

#### New Advanced Life Support Criteria

##### A. Justification

- a. The Orange County Fire Authority requests approval of the aforementioned conversions to provide improved regional advanced life support coverage and reduce response times. Call load and impact to adjacent agencies (Anaheim, Fullerton, and Laguna Beach) as a result of multi-unit responses with OCFA BLS and PAU's will decrease significantly with the proposed conversion. The conversion of paramedic assessment units to advanced life support units will result in single unit responses; thereby, improving overall system status availability, resulting in decreased response times.

B. Geographical location and boundaries of proposed service (refer to maps for boundaries)

- a. Station 10
  - i. 18422 E. Lemon Dr., Yorba Linda
- b. Station 30
  - i. 23831 Stonehill Dr., Dana Point
- c. Station 32
  - i. 20990 Yorba Linda Blvd., Yorba Linda
- d. Station 43
  - i. 11490 Pioneer Way, Tustin
- e. Station 49
  - i. 31462 St. of the Golden Lantern, Laguna Niguel

C. Justification for variances from Resolution 79-240

- a. This request is consistent with Resolution 79-240

D. Workload analysis of the impact on contiguous ALS units

- a. Paramedic Engine 10
  - i. OCFA Strategic Services estimates approximately 1,550 calls per year, based on current responses to the proposed area served. The addition of Paramedic Engine 10 will result in an average reduction of response times of two minutes for advance life support. Additionally, this conversion should result in a significant reduction in the utilization of Anaheim and Fullerton units.
- b. Paramedic Engine 30
  - i. OCFA Strategic Services estimates approximately 1,900 calls per year, based on current responses to the proposed area served. The addition of Paramedic Engine 30 will result in an average reduction of response times of two minutes, 30 seconds for advance life support. Currently, arrival of an advance life support unit averages 10 minutes and 1 second; this exceeds OCFA standards. Additionally, this conversion should result in a significant reduction in the utilization of Laguna Beach Fire automatic aid.
- c. Paramedic Engine 32
  - i. OCFA Strategic Services estimates approximately 1,400 calls per year, based on current responses to the proposed area served. The addition of Paramedic Engine 32 will not result in reduction of typical response times for advance life support as PME 32 will be replacing Medic 32; however, there should be an improvement in overall availability with the conversion of neighboring Engine 10, thereby, indirectly improving average response time. Additionally, this conversion should result in a significant reduction in the utilization of Anaheim and, less often, Fullerton units.
- d. Paramedic Truck 43
  - i. OCFA Strategic Services estimates approximately 1,000 calls per year, based on current responses to the proposed area served. The conversion of PAU Truck 43 to Paramedic Truck 43 will result in an average reduction of response times of three minutes and 20 seconds for advance life support. Currently, arrival of an advance life support unit averages 11 minutes and 42 seconds; this exceeds OCFA standards.

- ii. Additionally, this conversion should result in a significant reduction in the utilization of Orange County Medic 21 which is at capacity at 3500 calls per year.
- e. Paramedic Truck 49
  - i. OCFA Strategic Services estimates approximately 1,100 calls per year, based on current responses to the proposed area served. The conversion of PAU Truck 49 to Paramedic Truck 49 will result in an average reduction of response times of two minutes and 15 seconds for advance life support. Currently, arrival of an advance life support unit averages 10 minutes and 39 seconds; this exceeds OCFA standards.
- E. Proposed time frame of implementation
  - a. The conversions are scheduled to be implemented July 10, 2015
- F. Telecommunications
  - a. Requested paramedic units will commit to communications as required in Policy #705.00.
- G. Medications, Supplies, Equipment, Record Keeping, and Documentation
  - a. Requested paramedic units will maintain a medication and solution inventory, as well as basic and advanced life support equipment, as specified by Orange County Emergency Medical Services.
  - b. The Authority agrees that the requested paramedic units will meet all Orange County Emergency Medical Services documentation and reporting requirements.
- H. Staffing/Operations/Training
  - a. The requested paramedic units will provide two paramedics and comply with all training requirements of Orange County Emergency Medical Services.
- I. Address and Phone Number
  - a. Station 10
    - i. 18422 E. Lemon Dr., Yorba Linda, 92886 (714) 970-1216
  - b. Station 30
    - i. 23831 Stonehill Dr., Dana Point, 92629 (949) 661-0203
  - c. Station 32
    - i. 20990 Yorba Linda Blvd., Yorba Linda, 92887 (714) 970-0344
  - d. Station 43
    - i. 11490 Pioneer Way, Tustin, 92782 (714) 544-7462
  - e. Station 49
    - i. 31462 St. of the Golden Lantern, Laguna Niguel, 92677 (949) 249-9681

Attachment:

- Maps of Stations 10, 30, 32, 43, and 49 response areas

# STATION 10 LOCATION MAP

## ORANGE COUNTY FIRE AUTHORITY

Geographic Information Systems

July 03, 2009

### Land Use Classification



OCFA Fire Stations



Non OCFA Fire Stations

Highways

Major Roads

Streets

County Boundary

Railroads

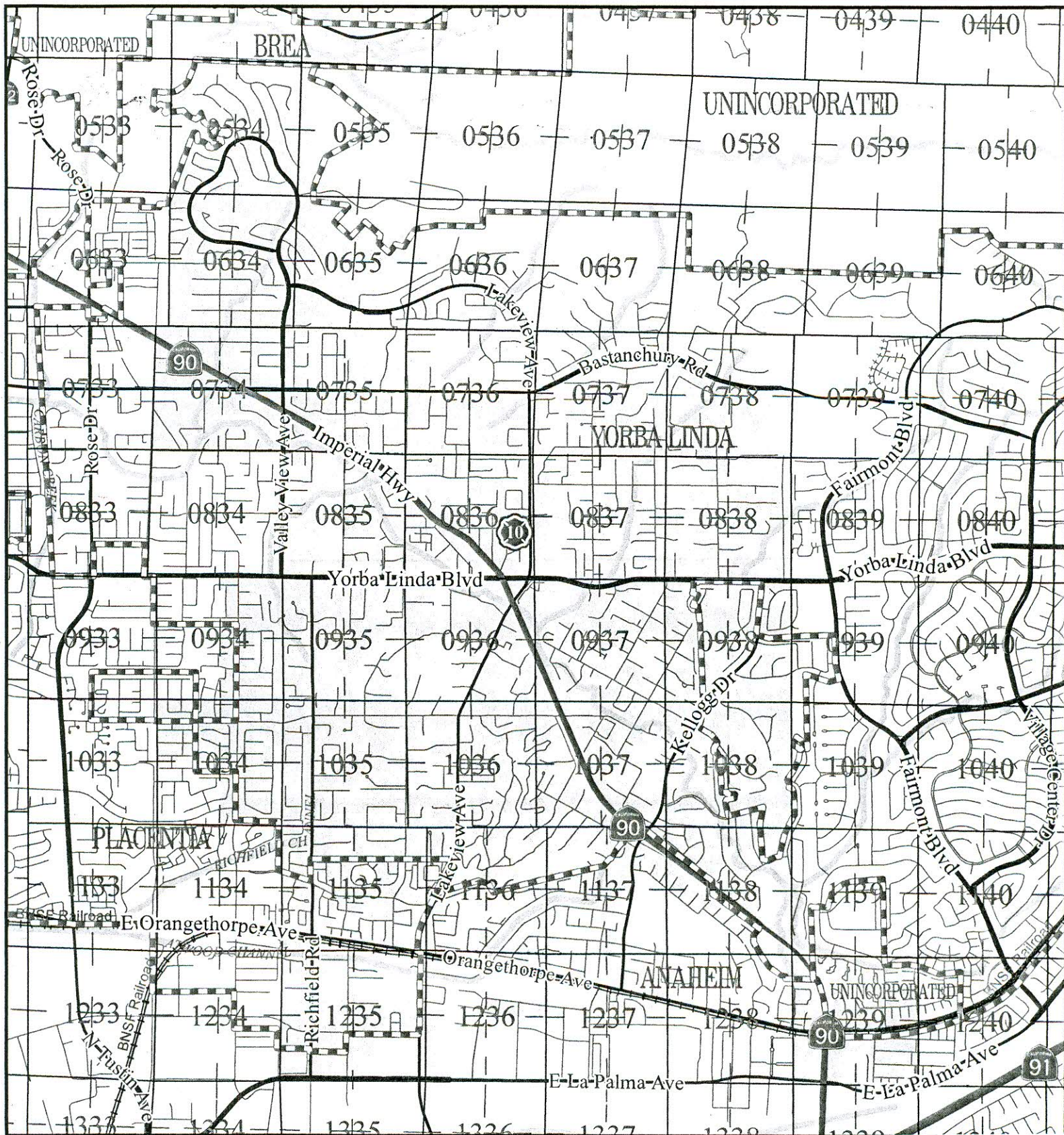
Hydrology

District Grid

District Grid Quad

Cities

First Due Area 10















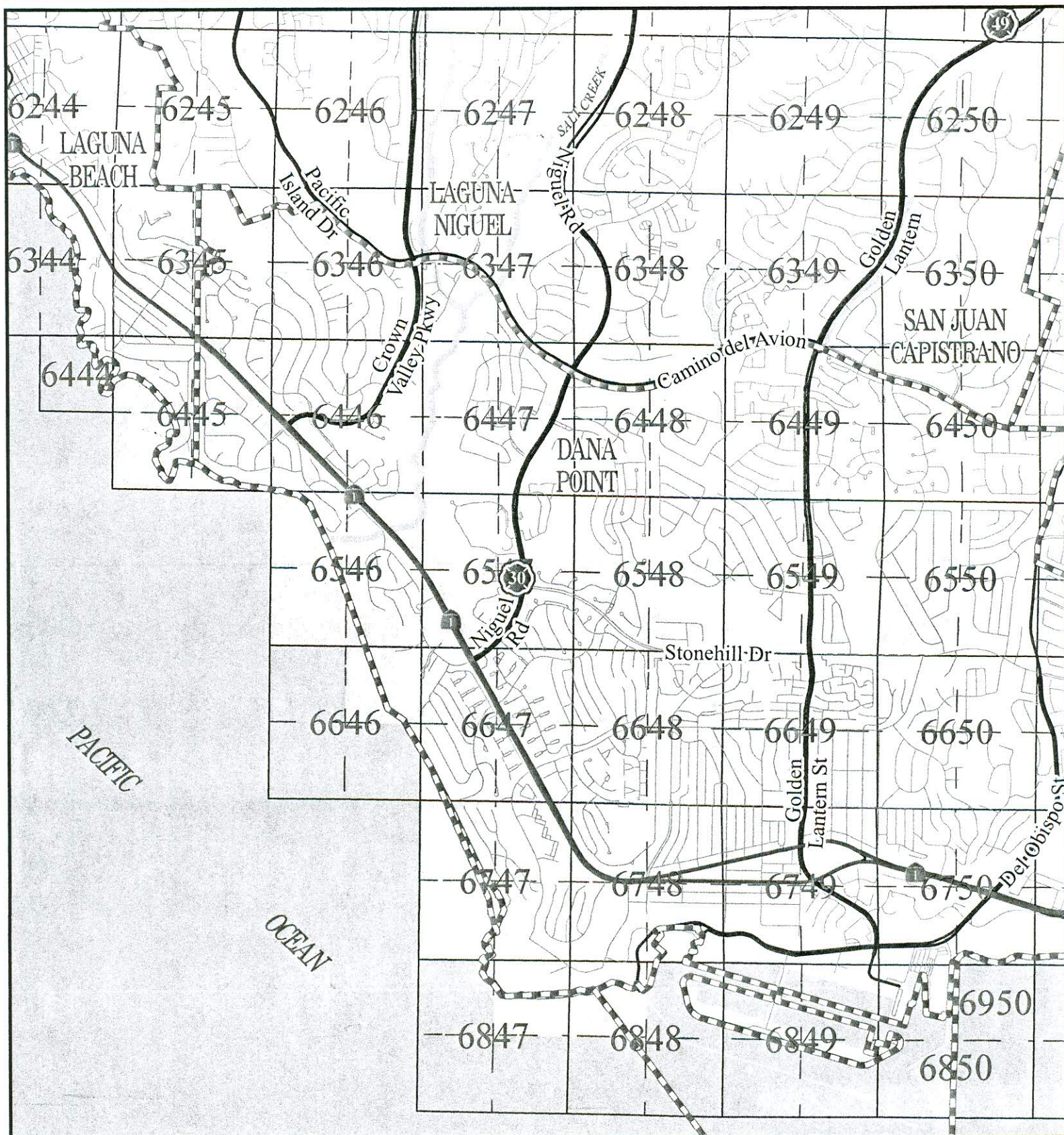
# STATION 30 LOCATION MAP

ORANGE COUNTY FIRE AUTHORITY

Geographic Information Systems

January 06, 2010

| Land Use Classification   |                        |
|---|------------------------|
|    | OCFA Fire Stations     |
|    | Non OCFA Fire Stations |
|  | Orange County Boundary |
|  | Railroads              |
|  | Hydrology              |
|  | District Grid          |
|  | District Grid Quad     |
|    | Streets                |
|    | Major Roads            |
|    | Highways               |
|  | Cities                 |
|  | First Due Area 30      |



# STATION 32













## LOCATION MAP

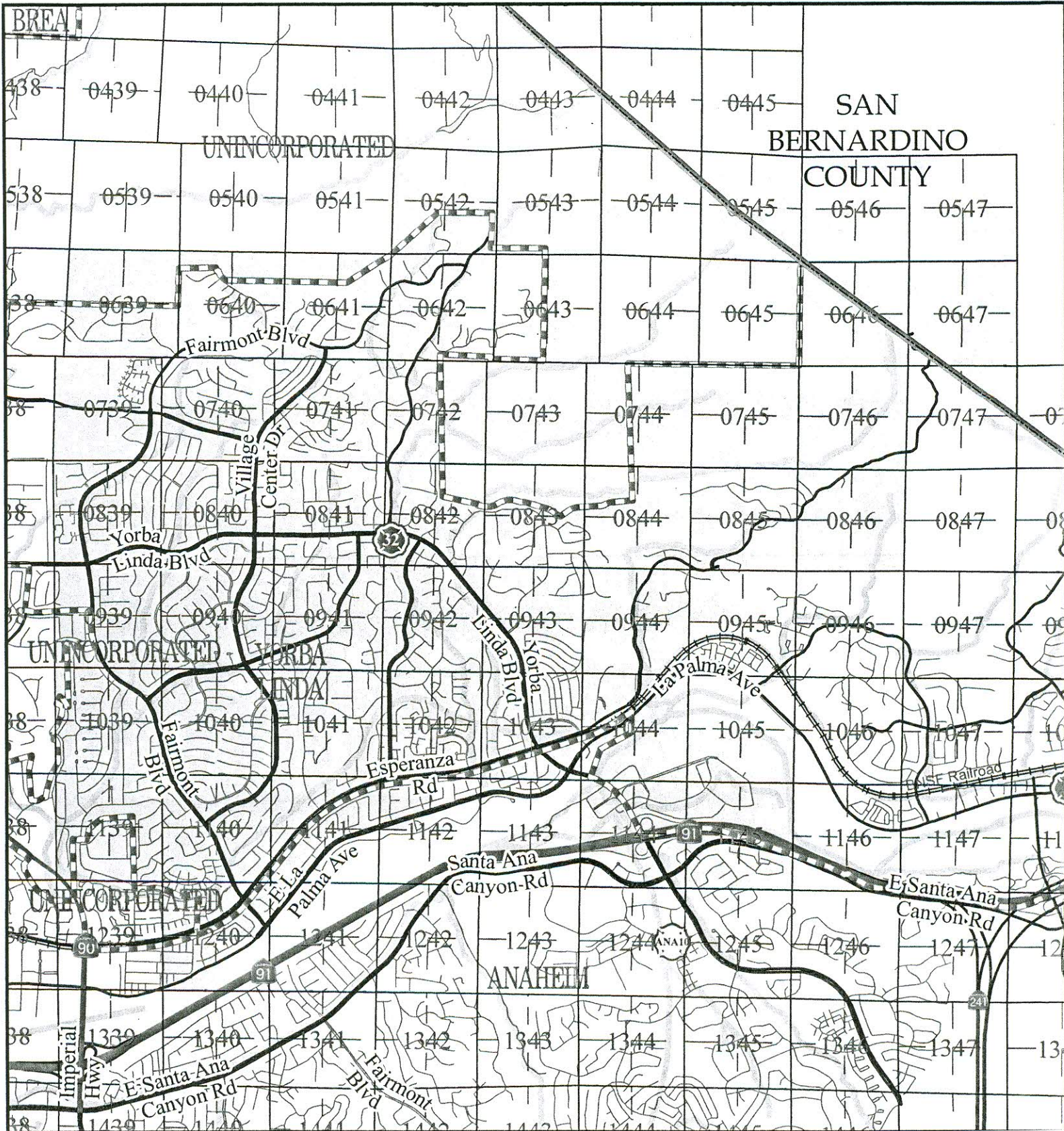
### ORANGE COUNTY FIRE AUTHORITY

Geographic Information Systems

May 27, 2009

#### Land Use Classification

- |  |  |
|--|--|
|  OCFA Fire Stations     |  County Boundary    |
|  Non OCFA Fire Stations |  Railroads          |
|  Highways               |  Hydrology          |
|  Major Roads            |  District Grid      |
|  Streets                |  District Grid Quad |
|  |  Cities             |
|  |  First Due Area 32  |















# STATION 43 LOCATION MAP

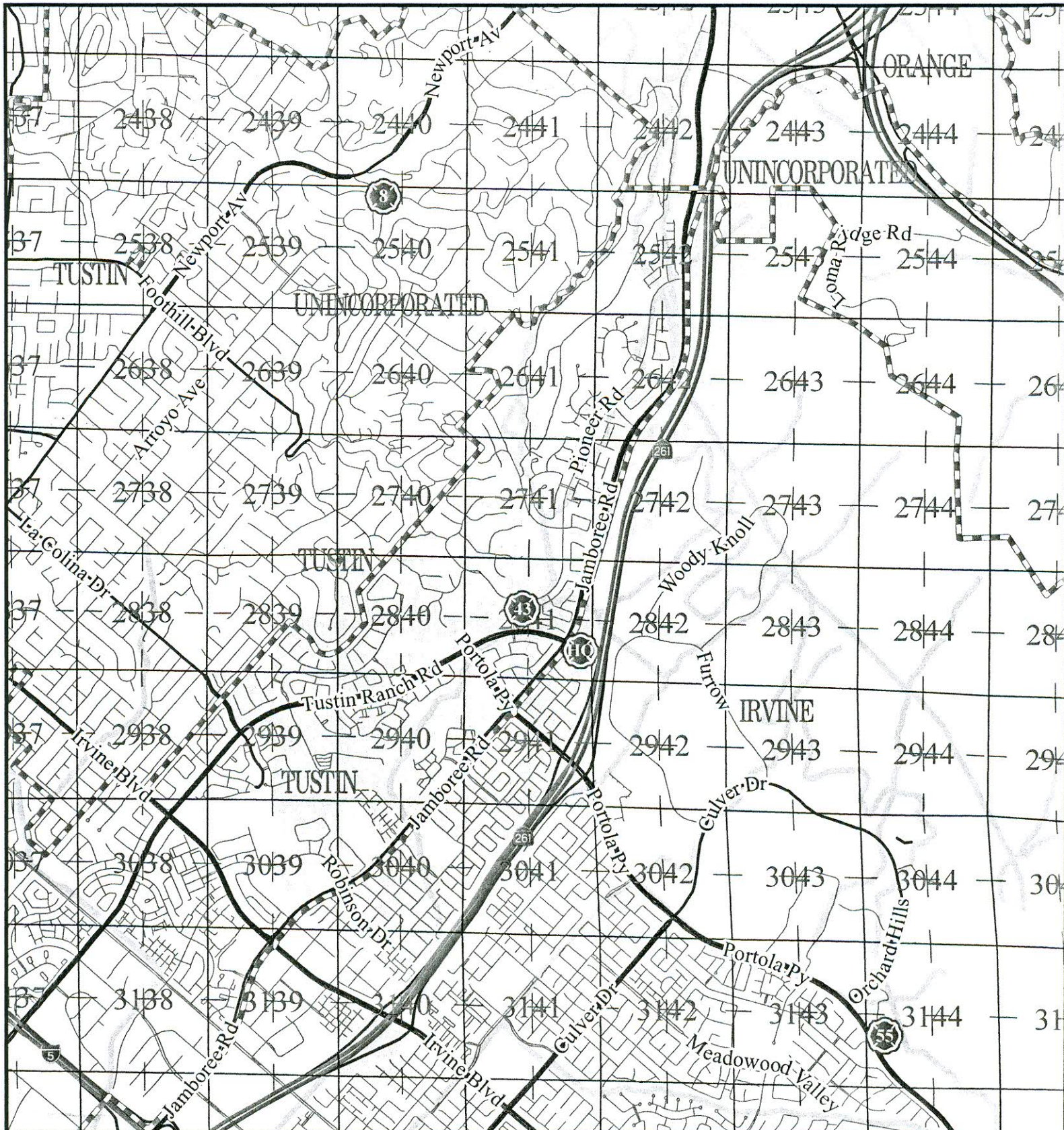
## ORANGE COUNTY FIRE AUTHORITY

Geographic Information Systems

June 05, 2009

### Land Use Classification

- |  |  |
|--|--|
|  OCFA Fire Stations     |  County Boundary    |
|  Non OCFA Fire Stations |  District Grid      |
|  Highways               |  District Grid Quad |
|  Major Roads            |  Cities             |
|  Streets                |  Railroads          |
|  |  Hydrology          |
|  |  First Due Area 43  |







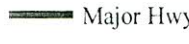
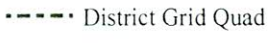




# STATION 49 LOCATION MAP

## ORANGE COUNTY FIRE AUTHORITY

Geographic Information Systems

October 13, 2009

| Land Use Classification   |  |
|---|--|
|  Firestations             |  Railroads           |
|  Street                 |  Hydrology          |
|  State Hwy              |  District Grid      |
|  Major Hwy              |  District Grid Quad |
|  Orange County Boundary |  Cities Boundary    |
|   | First Due Area 49  |

