#### Orangethorpe Ave & Magnolia Ave Project Intersection Map

#### Proposed Safety Enhancements:

- Install additional safety lighting (all legs)
- Install additional thru indications and proper left turn indication on new pole/mast arm (EB & WB)
- Install video/radar vehicle detection devices
- Upgrade 8" lenses to 12"
- Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent
- New ADA compliant ramp
- Mobilization
- Traffic control and temporary signals

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- Miscellaneous auxiliary equipment, conduits, and wiring

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#### Orangethorpe Ave & Brookhurst Rd Project Intersection Map

#### Proposed Safety Enhancements:

- Install additional safety lighting (all legs)
- Install protected left turn indications for the NB/SB movements
- Install additional thru indications on new pole/mast arm (EB & WB)
- Install video/radar vehicle detection devices
- · Upgrade 8" lenses to 12"

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Google Earth

- · Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent
  Mobilization
- Traffic control and temporary signals
- Miscellaneous auxiliary equipment, conduits, and wiring

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# Orangethorpe Ave & Euclid St

Project Intersection Map

Proposed Safety Enhancements:

- Install additional safety lighting (all legs)
- Relocate SNS on 8' cantilever pole; install additional thru indications (EB & WB)
- Install video/radar vehicle detection devices
- Upgrade 8" lenses to 12"
- Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent
- Install new continental cross-walk
- Mobilization

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- Traffic control and temporary signals
- Miscellaneous auxiliary equipment, conduits, and wiring

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### Proposed Safety Enhancements:

- Install additional safety lighting (all legs)

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 Install additional thru indications and proper left turn indication on new pole/mast arm (all directions)

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- Install video/radar vehicle detection devices
- Upgrade 8" lenses to 12"
- Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent
- Install new ADA curb ramps
- Mobilization
- Traffic control and temporary signals
- Miscellaneous auxiliary equipment, conduits, and wiring

## Google Earth



#### Harbor Blvd & Commonwealth Ave

Project Intersection Map

# Proposed Safety Enhancements:

- Install additional safety lighting (all legs)
- Install protected left turn indications for the all movements
- Install proper thru and left indications on new pole/mast arm all directions

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- Install video/radar vehicle detection devices
- Upgrade 8" lenses to 12"
- Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent
  Mobilization
- Traffic control and temporary signals

Google Earth

- Miscellaneous auxiliary equipment, conduits, and wiring



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# Harbor Blvd & Chapman Ave Project Intersection Map

#### Proposed Safety Enhancements:

- Install additional safety lighting (all legs)
- Install protected left turn indications for the all movements - Install proper thru and left indications on new pole/mast arm all
- directions

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- Install video/radar vehicle detection devices
- Upgrade 8" lenses to 12"
- Upgrade pedestrian push buttons and heads
- Replace low wattage LED luminaries with 250W equivalent - Mobilization
- Traffic control and temporary signals

- Miscellaneous auxiliary equipment, conduits, and wiring 



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