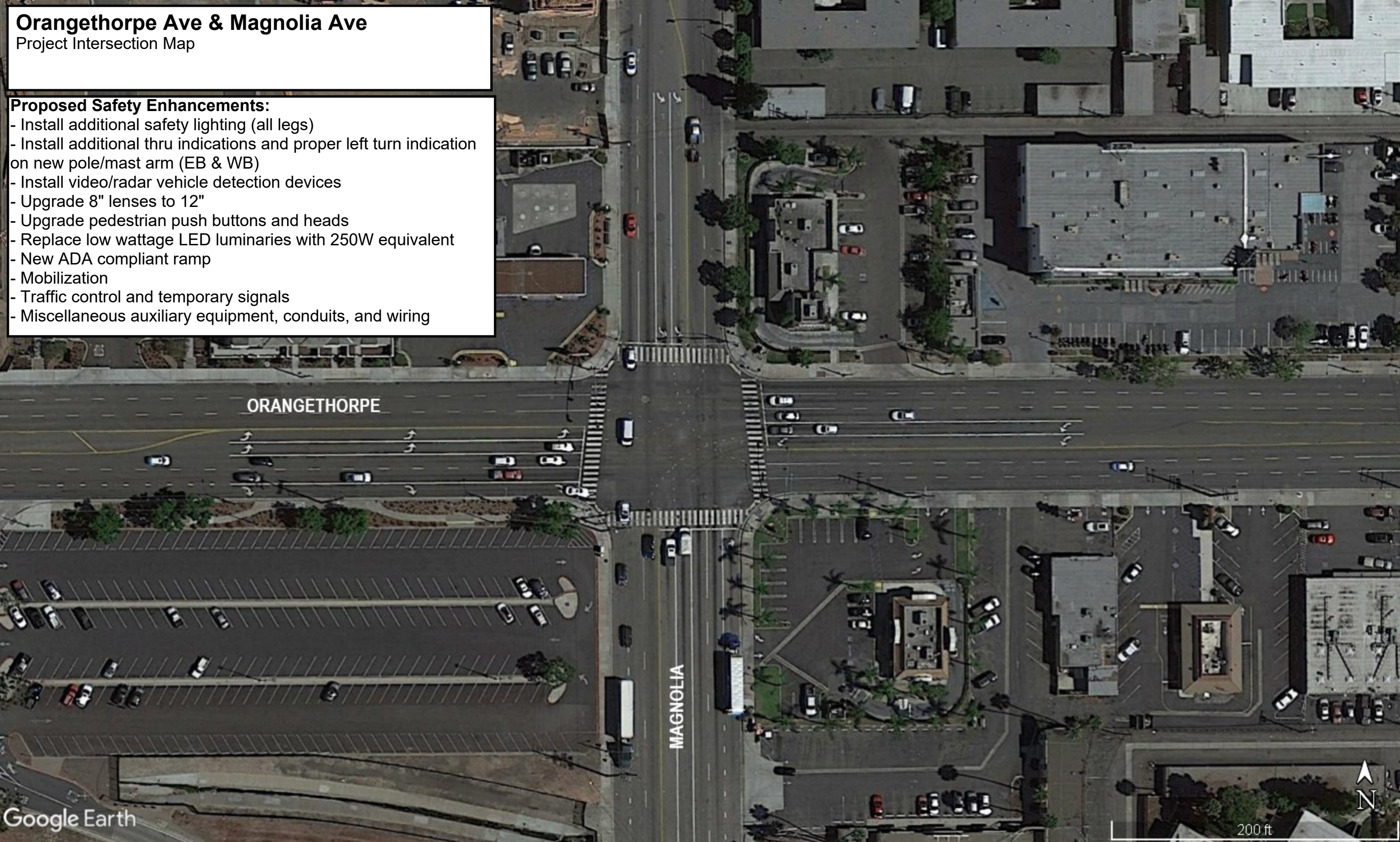


# Orangethorpe Ave & Magnolia Ave

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
  - Miscellaneous auxiliary equipment, conduits, and wiring







# Orangethorpe Ave & Brookhurst Rd

Project Intersection Map

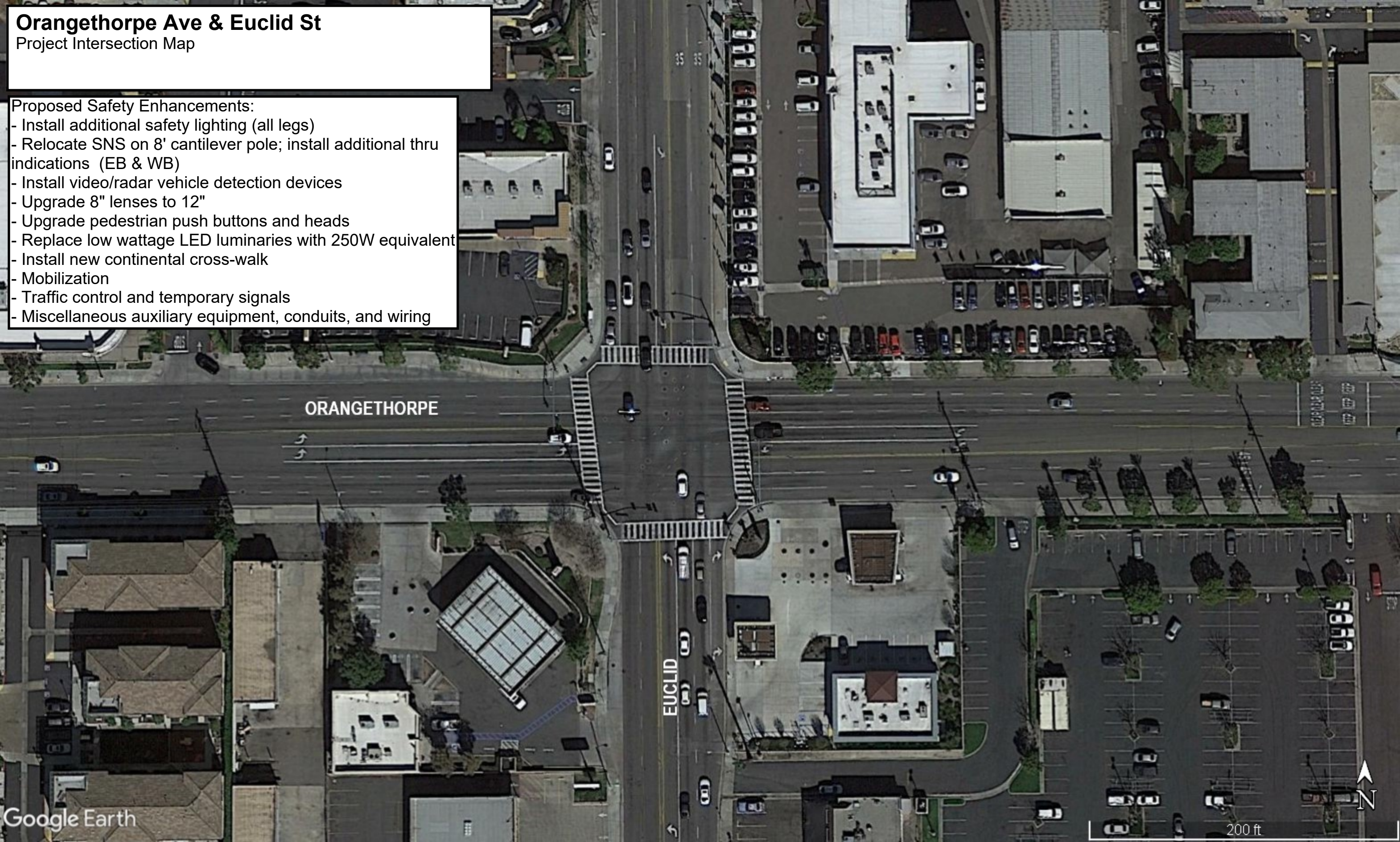
## Proposed Safety Enhancements:

- 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"
- 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



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







# Orangethorpe Ave & Harbor Blvd

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 (all directions)
- 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

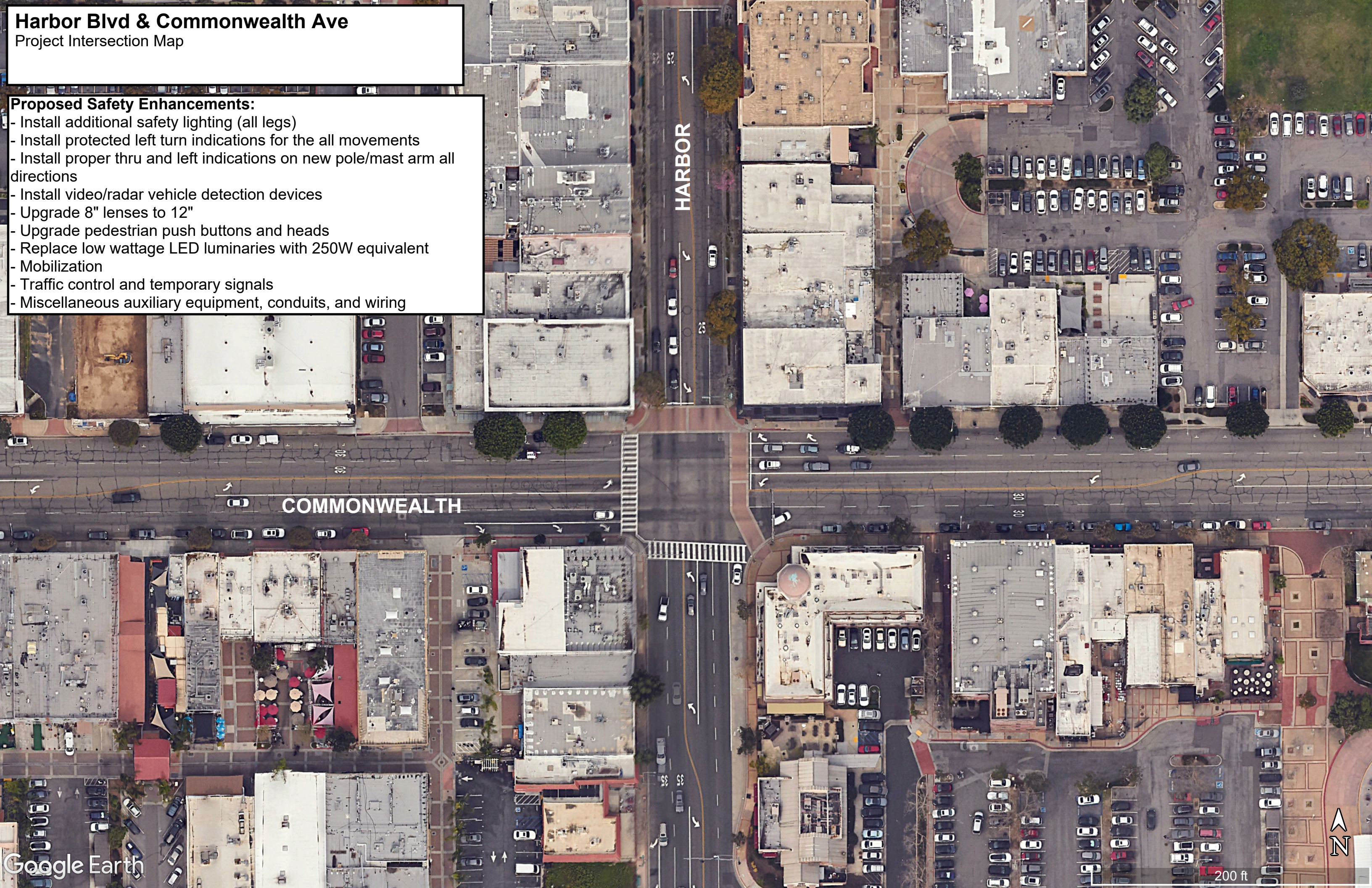


# Harbor Blvd & Commonwealth Ave

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
- 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





# 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
  - 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

