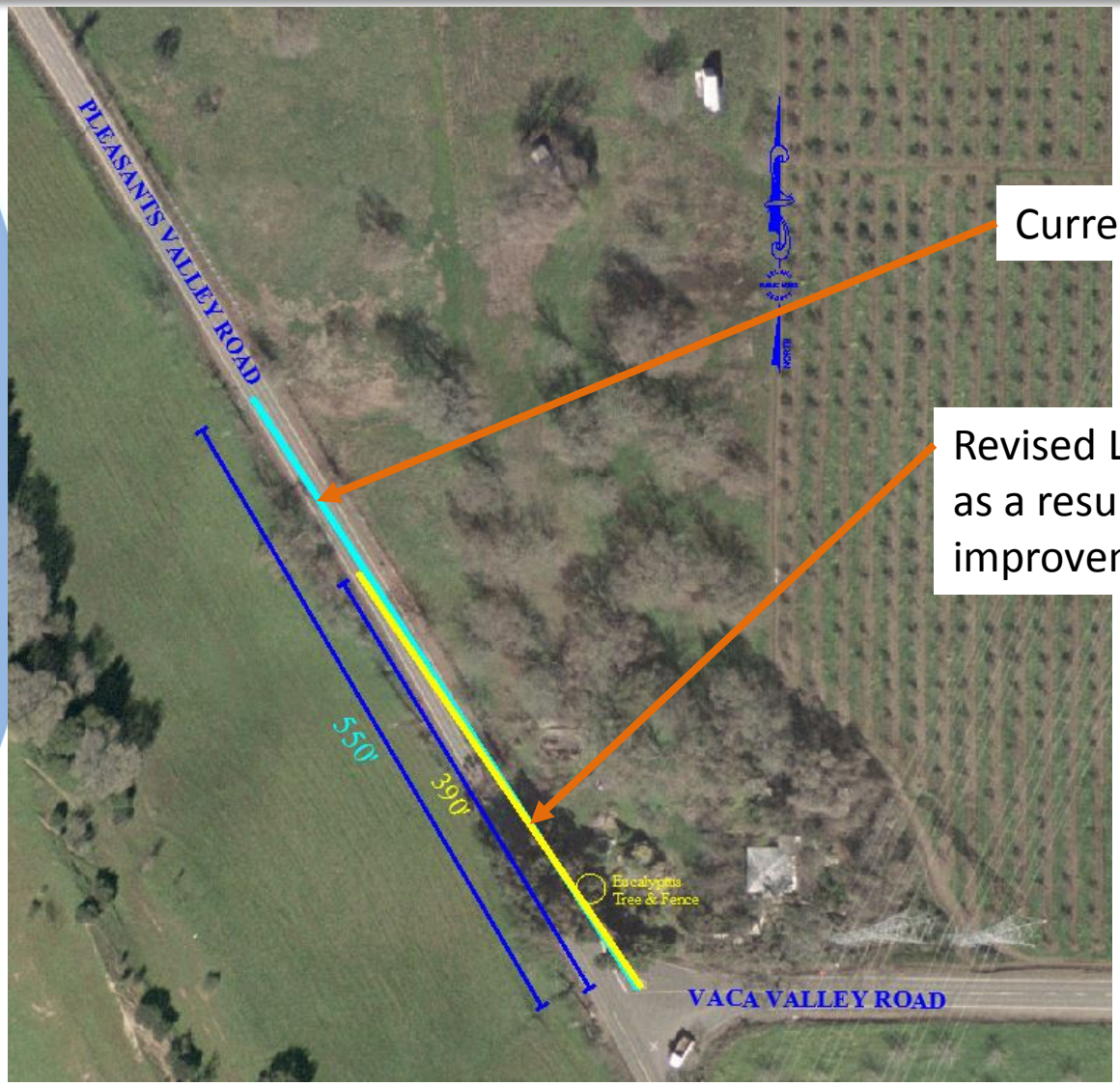
Item #22
File #17-662

Consider Approval of Solano County Traffic Order 425

- Establish 3-way stop on Pleasants Valley Road at Vaca Valley Road

Presented to the Board of Supervisors
on September 26, 2017
Department of Resource Management

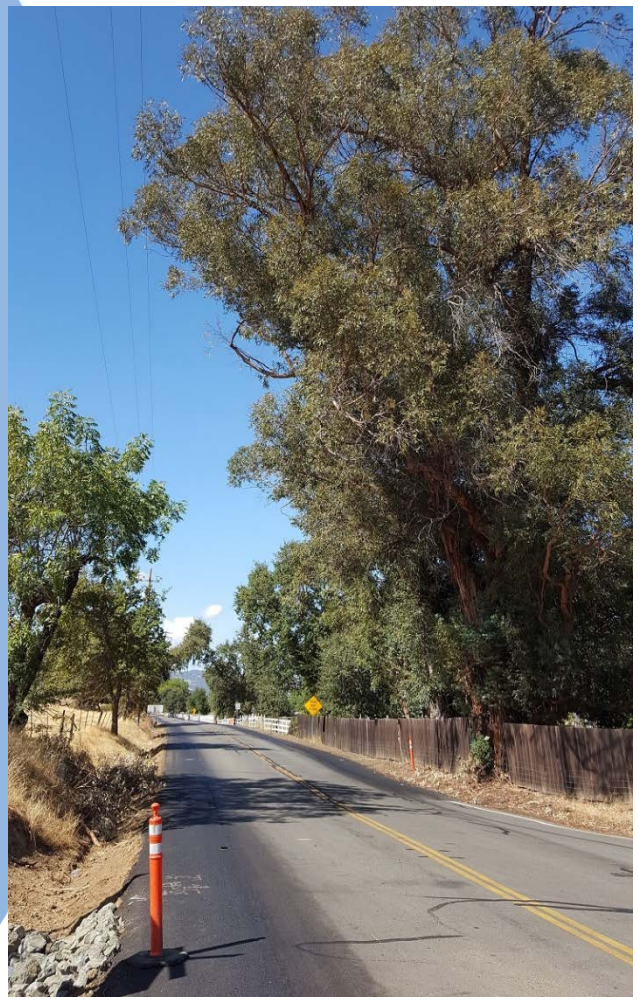
Site Conditions



Current Line of Sight

Revised Line of Sight as a result of required improvements

Site Conditions



View North at Intersection Up Pleasants Valley Road

Line of Sight View from Vaca Valley Road at Intersection

Pleasants Valley Road Safety Improvements

- Pleasants Valley Road Safety Improvement Project includes shoulder improvements with minor lane striping realignment
- Site constraints have included property boundaries, trees, fences, ditches, utilities, and driveways
- Minimizing tree loss was prioritized
- Trees were kept on the west side of Pleasants Valley Road near Vaca Valley Road
- Safety Improvements on Pleasants Valley Road are nearing completion

Sight Distance Issue

- Vaca Valley Road and Pleasants Valley Road are Routes of Regional Significance, with increasing traffic
- Required more shoulder and lane shift to the east, towards Vaca Valley Road
- Intersection striping and “STOP” bar are pushed up to 3 feet east, which creates a sight distance issue due to a fence and large tree at the intersection
- The new sight distance will not meet the minimum of 550 feet, and therefore the intersection must be changed due to safety
- Shoulder improvements cannot be “choked”, and the existing trees should remain

Traffic Order 425

- **Board of Supervisors is asked to approve Traffic Order 425:**
  - **Establishes 3-way stop signs on Pleasants Valley Road at Vaca Valley Road**
  - **New signs and striping will be installed with:**
    - **Temporary advance warning signs to advise public of new changes for 2 weeks**
    - **Permanent LED stop signs with advance advisory signs will be used to enhance nighttime and fog visibility**
    - **High reflectivity paint on roadway and traffic Signs will be used**

- **Questions**