

SANTA ROSA COMPLETE STREET ROAD DIET ON TRANSIT CORRIDOR

Federal Project No. STPL-5028(076)

For the Air Quality Conformity Task Force

Prepared by: Rob Sprinkle, Supervising Engineer



- Pavement rehabilitation project.
- Eliminate gap in bicycle network and provide adequate pedestrian accessibility with curb ramps upgrade throughout the project.

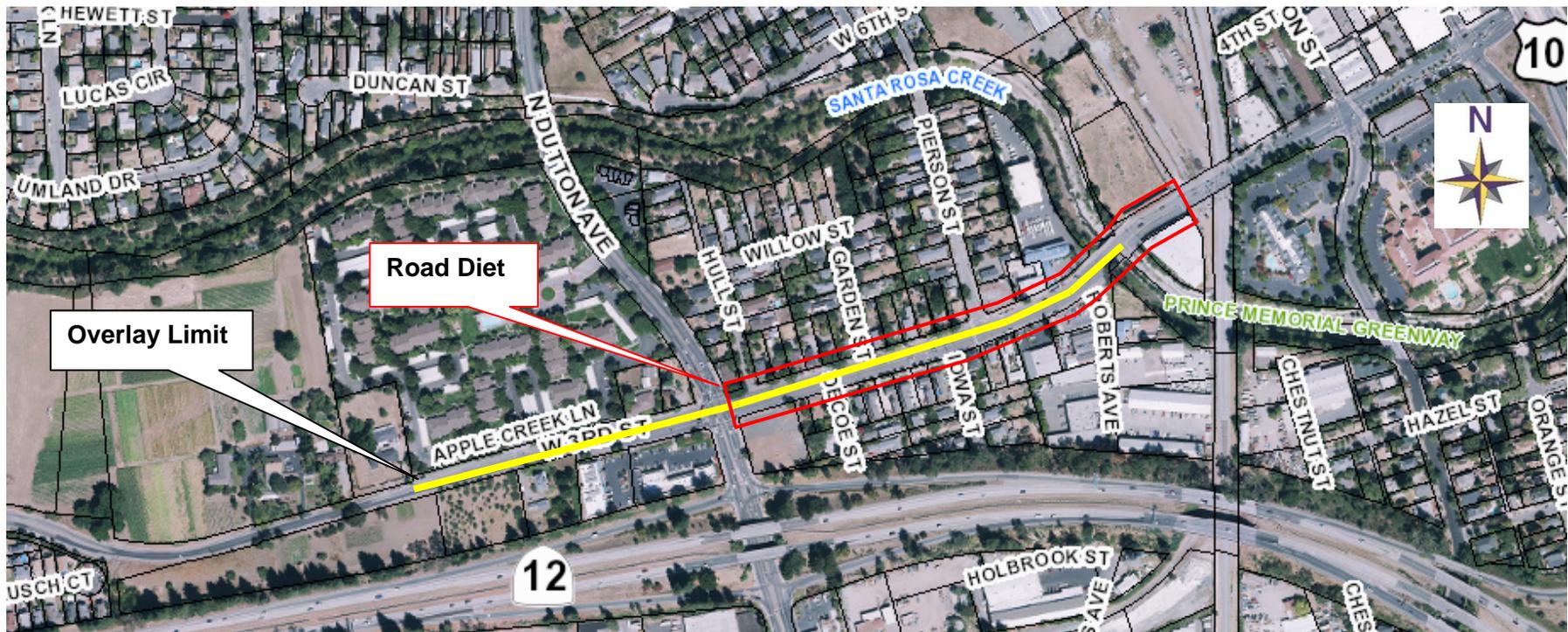
Project Description / Roadway Rehab

- Overlay West Third Street between 1100 feet west of North Dutton Avenue to Santa Rosa Creek Bridge



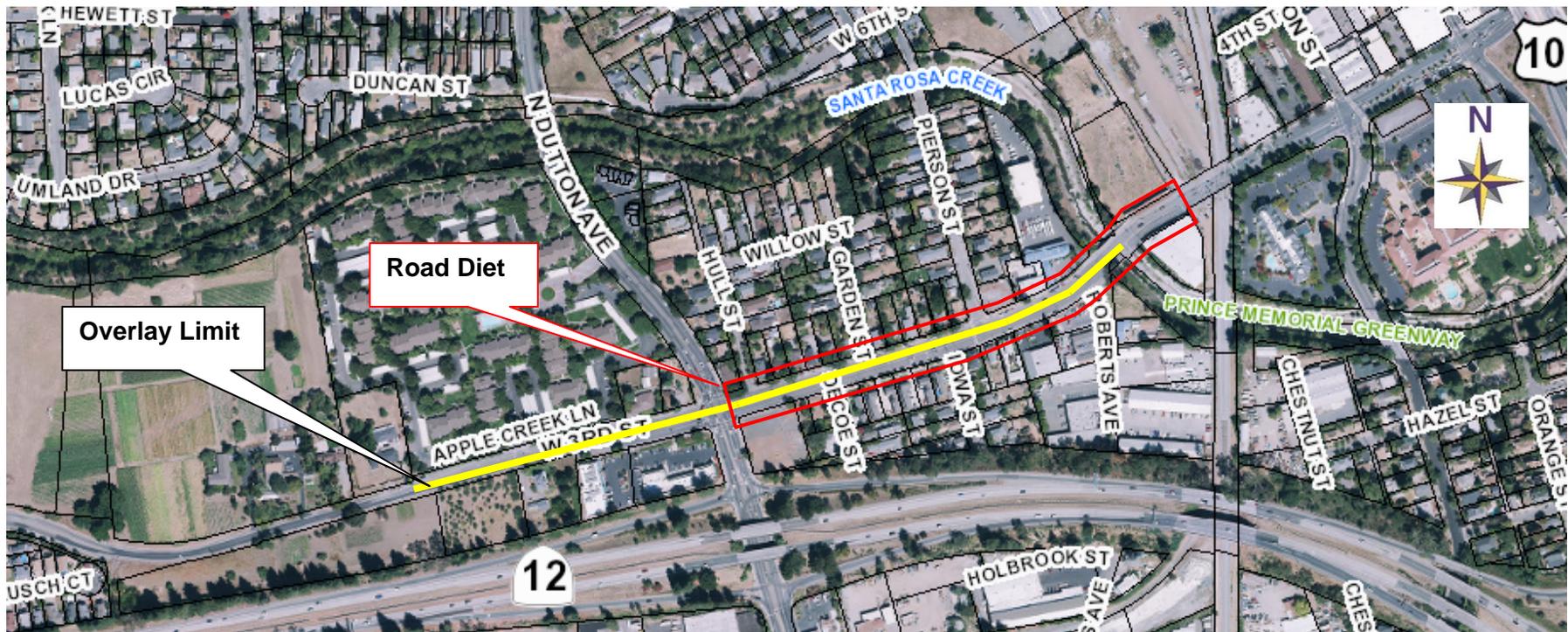
Project Description / Road Diet

- Restripe segment between North Dutton Avenue and 270 feet east of Santa Rosa Creek to include bike lanes (Road Diet segment).



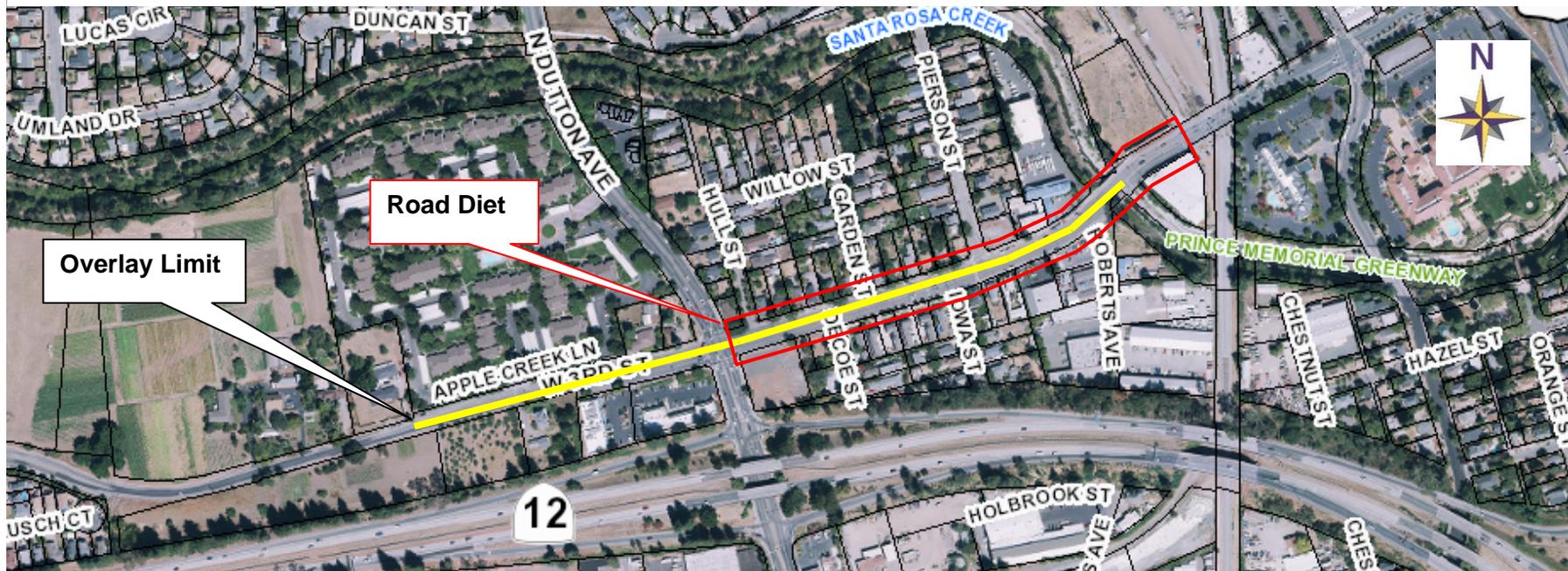
Project Description / Road Diet (con't)

- Converting 4 lane facility (2 travel lanes each direction) to 2 lane facility (1 travel lane in each direction) with a center turn lane and bike lanes.



Project Description (con't)

- Intersection striping will be retained to maintain current capacity.
- Upgrade pedestrian ramps to current accessible standards
- Provide bicycle detection at signal



TRAFFIC VOLUMES

- AVERAGE DAILY TRIPS (ADT)**

West Third Street	EXISTING (2011) No-Build	EXISTING (2011) Build	Projected (2040) No-Build	Projected (2040) Build
NORTH DUTTON AVE TO ROBERTS ROAD	9,900	9,900	11,889	11,889

LEVEL OF SERVICE (LOS)

- Existing corridor operates at an LOS C with 2011 classification count indicating 4% heavy vehicle use.
- A projected LOS C is estimated in 2040 with 4% heavy vehicle use at this intersection.
- By providing this important link to the bicycle network, we hope to actually reduce the traffic loading over the years

LEVEL OF SERVICE

Corridor	2011 No-Build		2011 Build		2040 No-Build		2040 Build	
	Average Speed (mph)	LOS						
West Third Street	17.9	C	18.7	C	17.3	C	18.4	C

CONCLUSION

- This project reconfigures the striping to add bike lanes and eliminate a gap in the current bike network.
- This has the potential of reducing the traffic loading by providing a critical link for bicycles to a downtown destination.
- Questions?