

County of San Luis Obispo

# Los Osos Roads

# Restoration

A Community Improvement  
Project



Presented to the Community of Los Osos  
Winter, 2012

PUBLIC WORKS



SAN LUIS OBISPO COUNTY



# Program Overview

## How Did We Get Here?

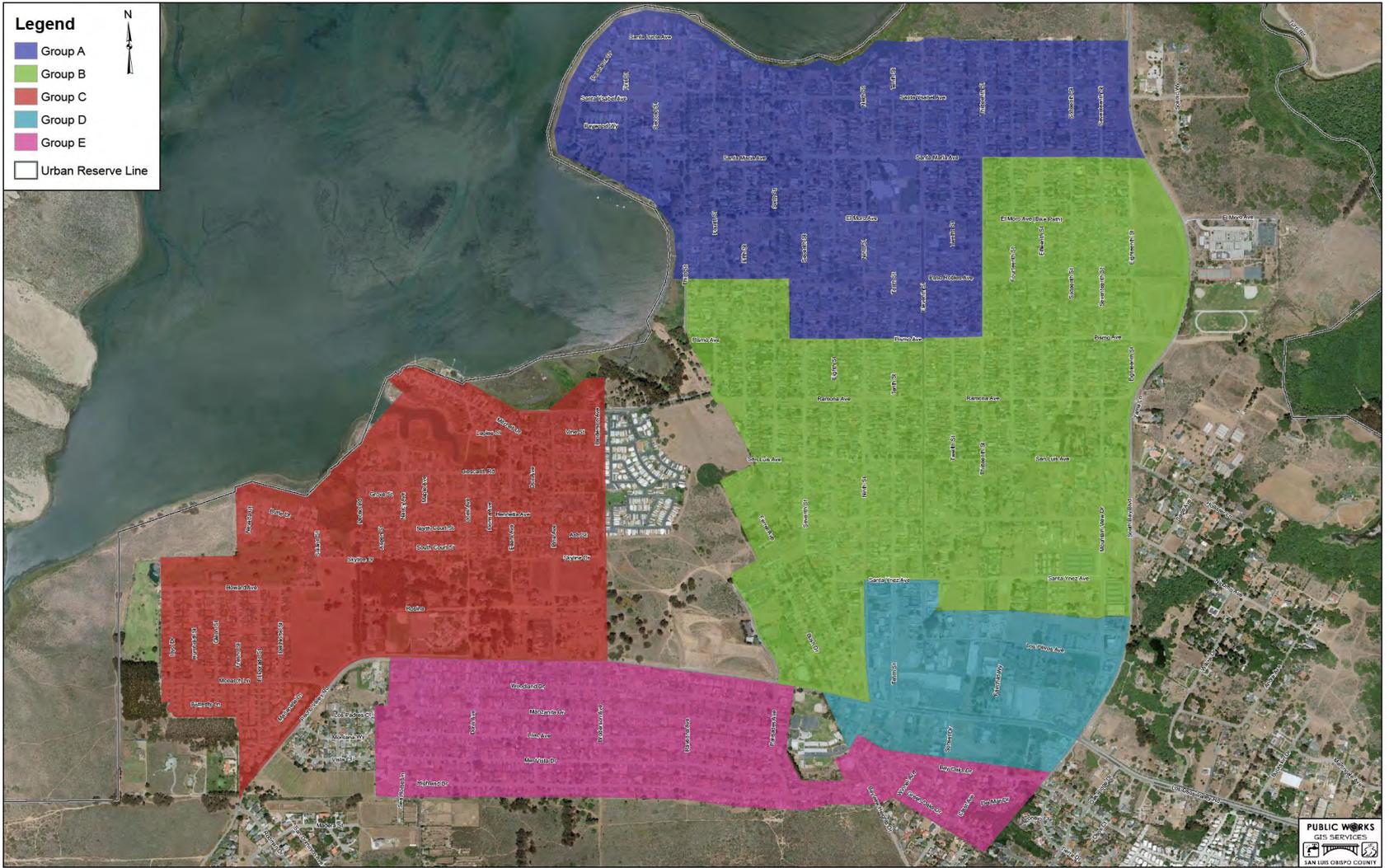
- Conscientious Program Management
- Opportunity Knocks
- Quality of Life
- Input Solicitation
- Primary Objectives
  - Pavement Condition
  - Drainage Enhancements
  - Possible Betterments



# Topics not being covered tonight

- Sewer construction schedule
- Traffic circulation, bus circulation, and road closures during construction
- Sewer lateral installations

# Community Group Map



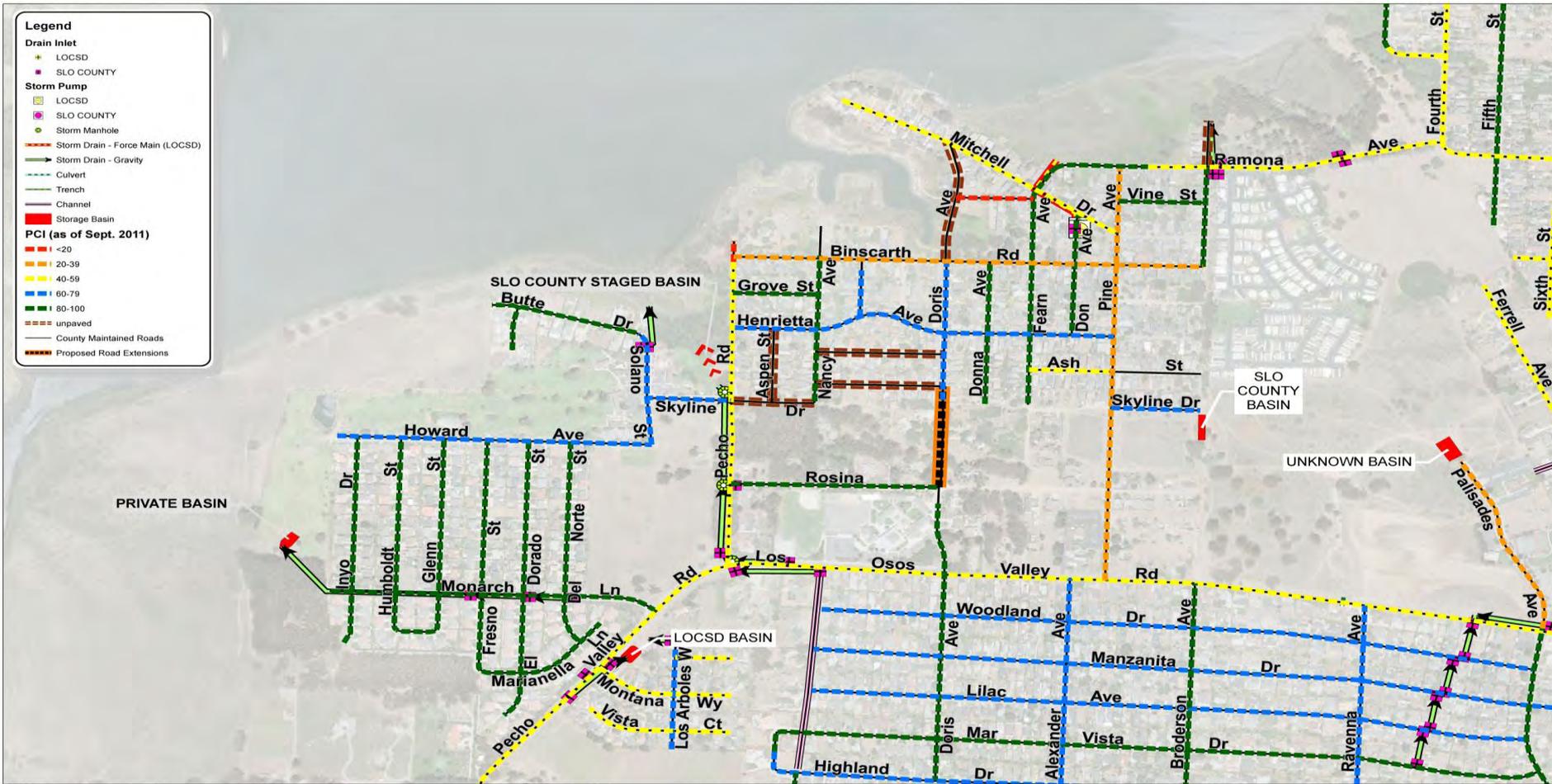
# Input Solicitation

- 1998 Los Osos Drainage Study
- Road Crew
- LOCAC
- Los Osos CSD

# How much is this going to cost?

- Your community's waste water project is currently estimated to have a direct impact on roads in the range of \$5.5 to 6.1 million. These monies will be supplemented by \$2.2 million set aside in the County Road Fund for repairs due to deferred maintenance and existing deficiencies.

# Pavement Condition Index Map



# Pavement Condition of Other Communities

Pavement Rating By Community	
Community	Average PCI 12/11
Avila Beach	70
Cambria	58
Cayucos	71
<b>Los Osos</b>	<b>57</b>
Nipomo	63
Oceano	59
Santa Margarita	90
San Miguel	64
Shandon	50
Templeton	71

# Pavement Reconstruction Map

## Legend

### RECONSTRUCTION NEEDS

- █ FULL DEPTH RECONSTRUCTION
- █ OVERLAY
- █ CAPE SEAL
- ⊙ Manholes
- County Maintained Roads
- County Maintained Gravel Roads
- Non-County Maintained Roads
- Urban Reserve Line



Reconstruction Needs data based on Pavement Condition Index data estimated for June 01, 2012

	PCI RANGE	MILES	COST/MILE	TOTAL COST
Full Depth Reconstruction	0 - 20	3	\$ 22	\$ 66
Overlay	20 - 50	3	\$ 14	\$ 42
Cape Seal	50 - 85	5	\$ 4	\$ 20



# Number of Roads Receiving Treatment

- Public Works Currently Maintains 53.7 Miles of Roadway in Los Osos.
- 40.3 miles of County maintained roadway will be disturbed during the construction of the collection system.
- We are proposing all 40.3 miles disturbed receive an improved surface.

# Road Surface Treatments

- Asphalt Overlay
- Cape/Slurry Seal
- Full Depth Restoration
- Graveled and Graded (Non-County)

# Asphalt Overlay



# Asphalt Overlay



# Asphalt Overlay



# Slurry / Cape Seal



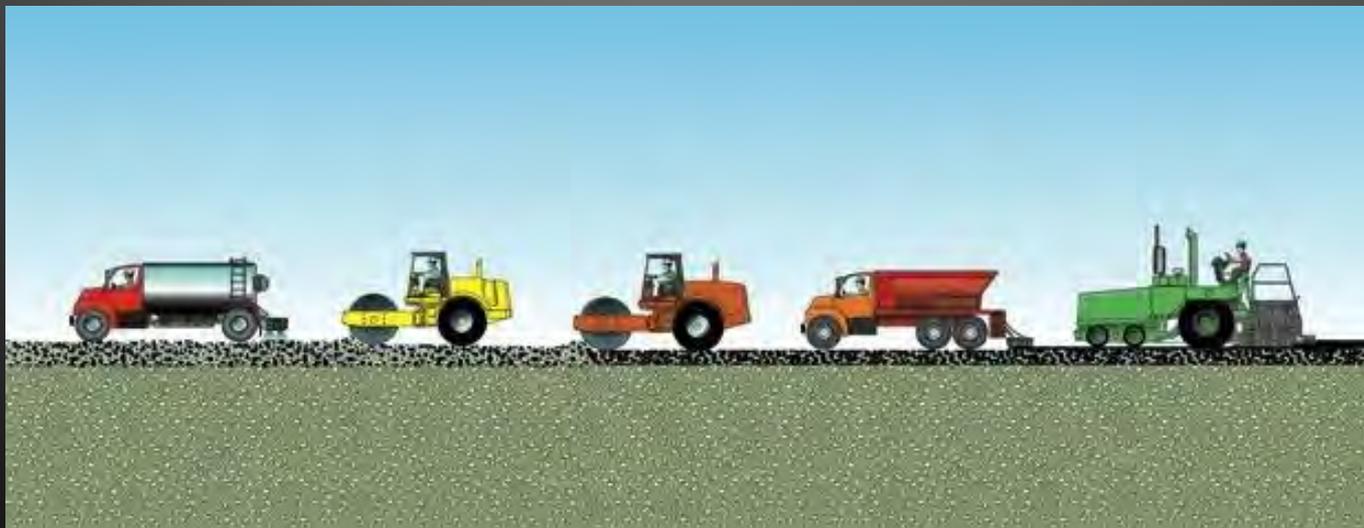
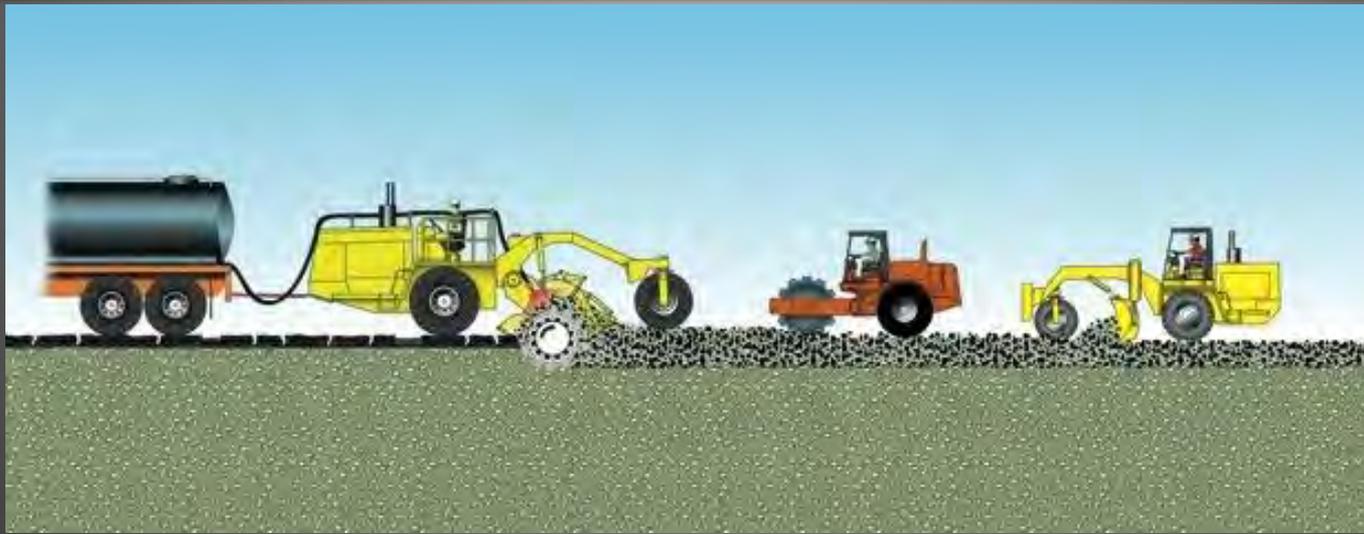
# Slurry / Cape Seal



# Full Depth Restoration



# Example of Full Depth Reclamation



# Drainage Issues Site Map



# Drainage Issues Site 37

- Problem: Storm water floods low spot on Pecho Road, near Henrietta.
- Solution: Construct cross gutter and direct storm water to new roadside retention swale.

# Preliminary Site Plan ■ Site 37



# Drainage Issues Site 38

- Problem: Ponding and flooding occurs at the low spot on Henrietta Avenue between Donna and Fearn Avenue.
- Solution: Install storm drain inlet, or construct cross gutter to divert drainage away from low spot.

**COMPLETED !!!**

# Preliminary Site Plan ■ Site 38



# Drainage Issues Site 39

- Problem: Storm water floods Ramona Avenue between Pine and Mitchell Drive.
- Solution: Pave road, create a cross slope, and install roadside swales.

# Preliminary Site Plan ■ Site 39



# Drainage Issue Site 42

- Problem: Storm water drains onto private property, west side of Fearn Avenue.
- Solution: Construct cross gutters at Binscarth and Fearn Avenue, crown roadway, and redirect drainage down Binscarth Avenue.

# Preliminary Site Plan ■ Site 42

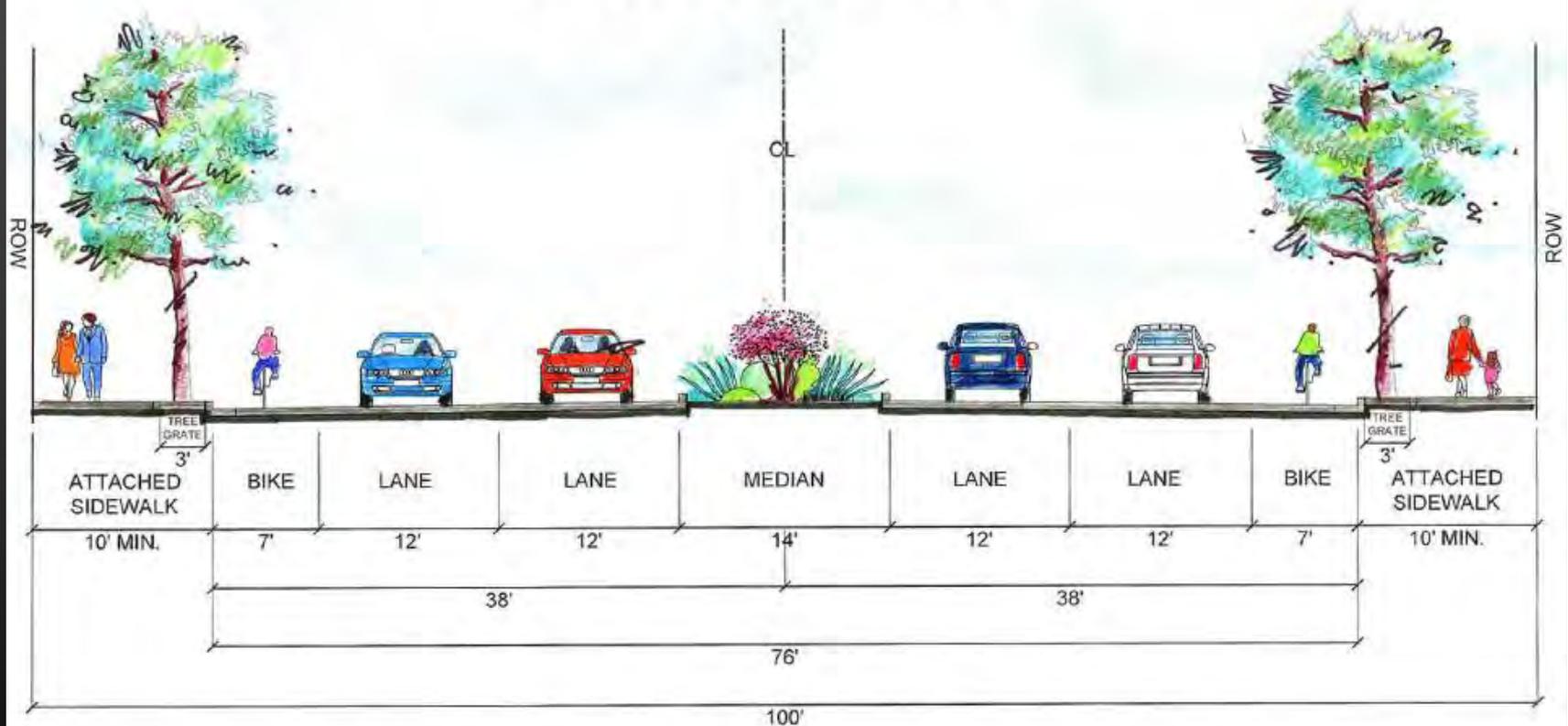


# Betterments (Optional)

- Gateway Medians,
- Cooperative Roads Program
  - Improvements to non-maintained streets
- Residential Medians, Walking Paths, etc.

# Gateway Median/ LOVR Corridor Study

## Proposed Street Section A



SECTION A  
PROPOSED CONCEPT  
MEDIAN PLANTING  
LOS OSOS VALLEY ROAD

# LOVR Corridor Exhibit (East)



# LOVR Corridor Exhibit (West)



# Cooperative Roads/Residential Betterments

- Cooperative Roads used to bring non-maintained street up to standard and into County System
- Property Owners Decision
- Future roadway maintenance part of Road Program.
- Modified “Cooperative Road” Program could be used for constructing other betterments.
- For further information on Cooperative Roads please contact:
  - ROBERT RUIZ
  - 805-788-2114
  - rruiz@co.slo.ca.us

# Residential Median Concept



# Landscaped Median Concept with Drainage



# Santa Ysabel Landscaped Median



# Santa Ysabel Landscaped Median





# Program Summary

- More than 75% of Los Osos roads treated
- Over 70% of drainage issues improved
- Opportunities for gateway and residential enhancements



# Questions

- Questions on Roads Restoration  
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