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

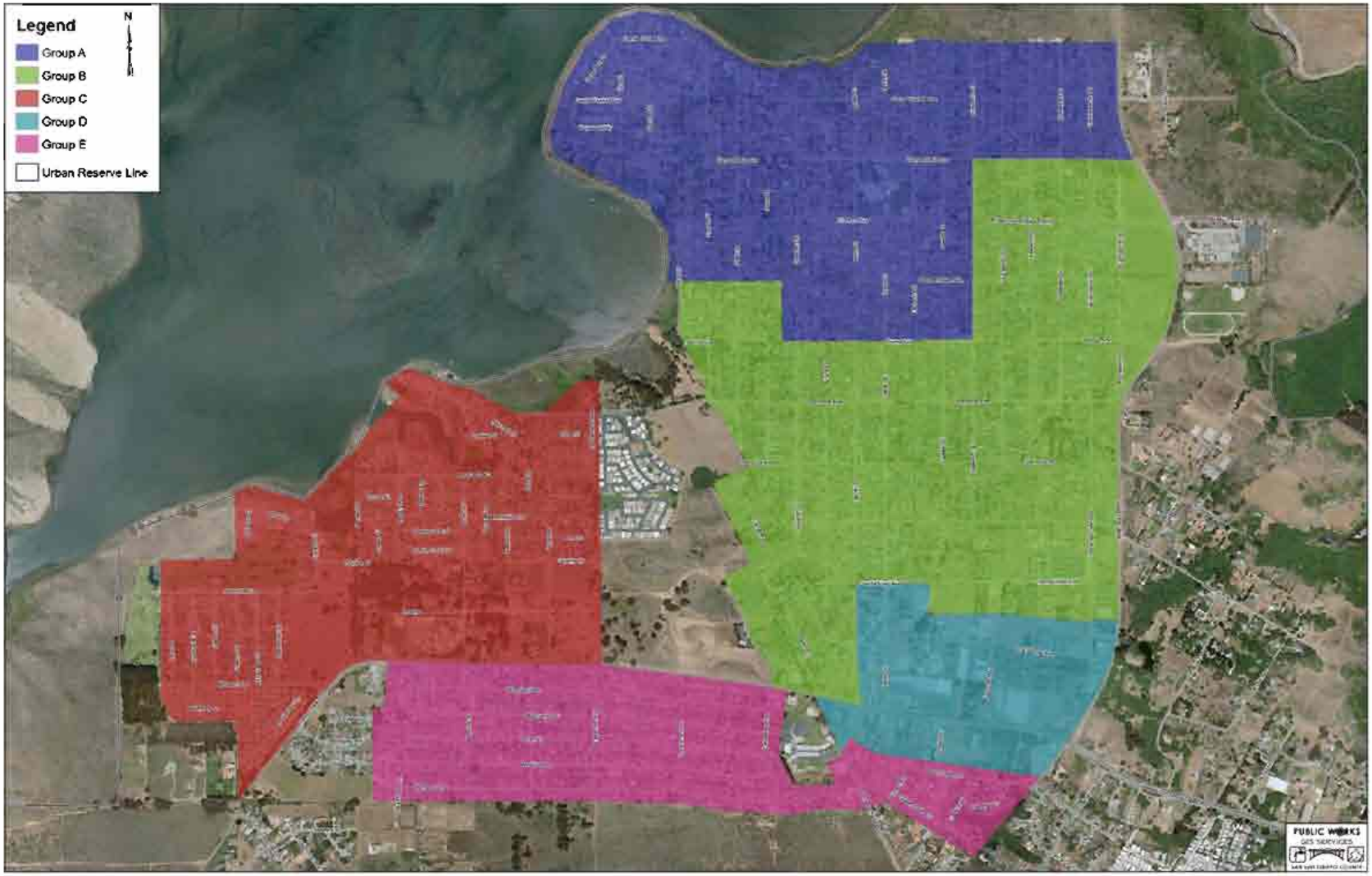
How Did We Get Here?

- 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



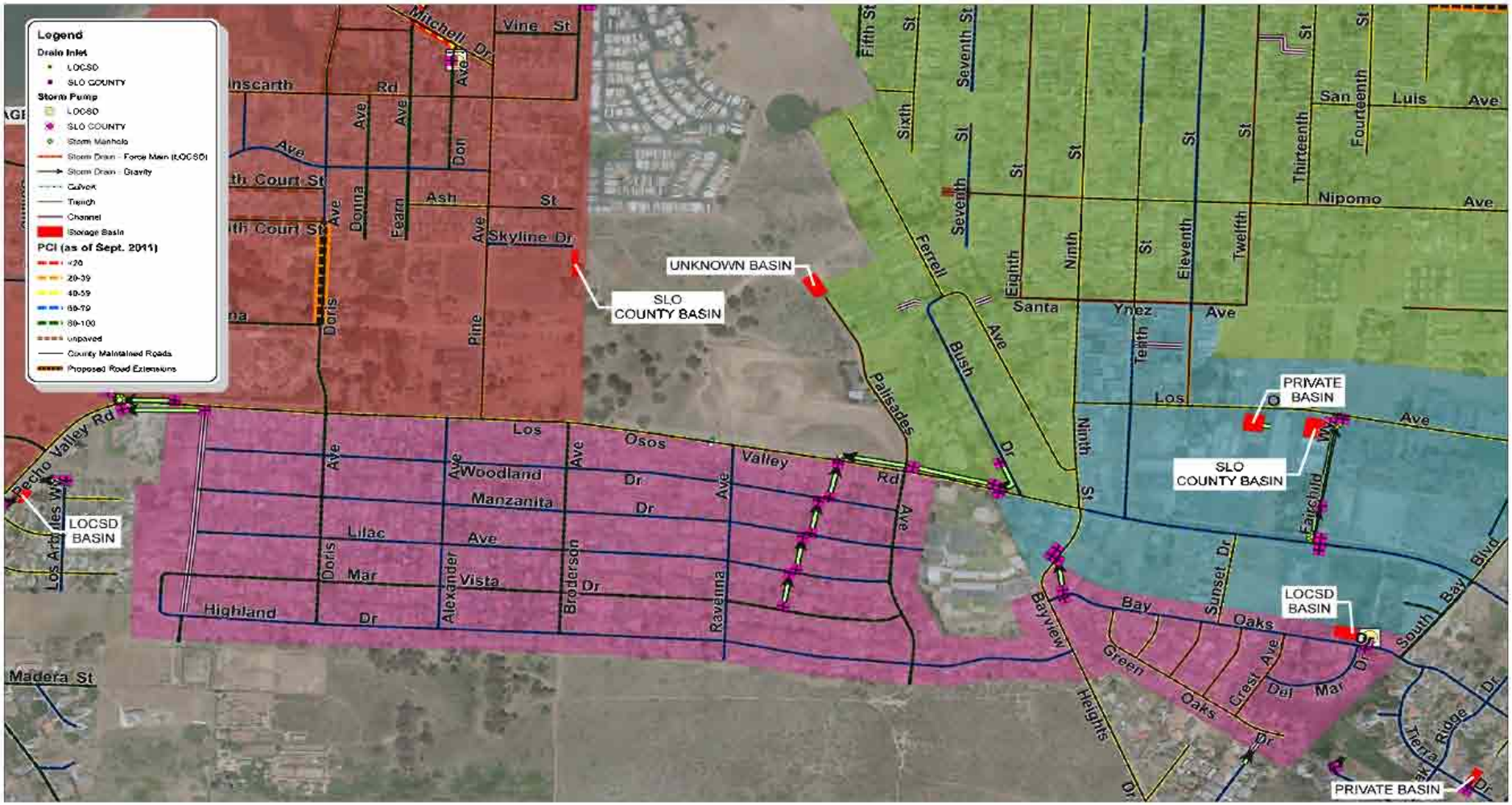
Input Solicitation

- 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



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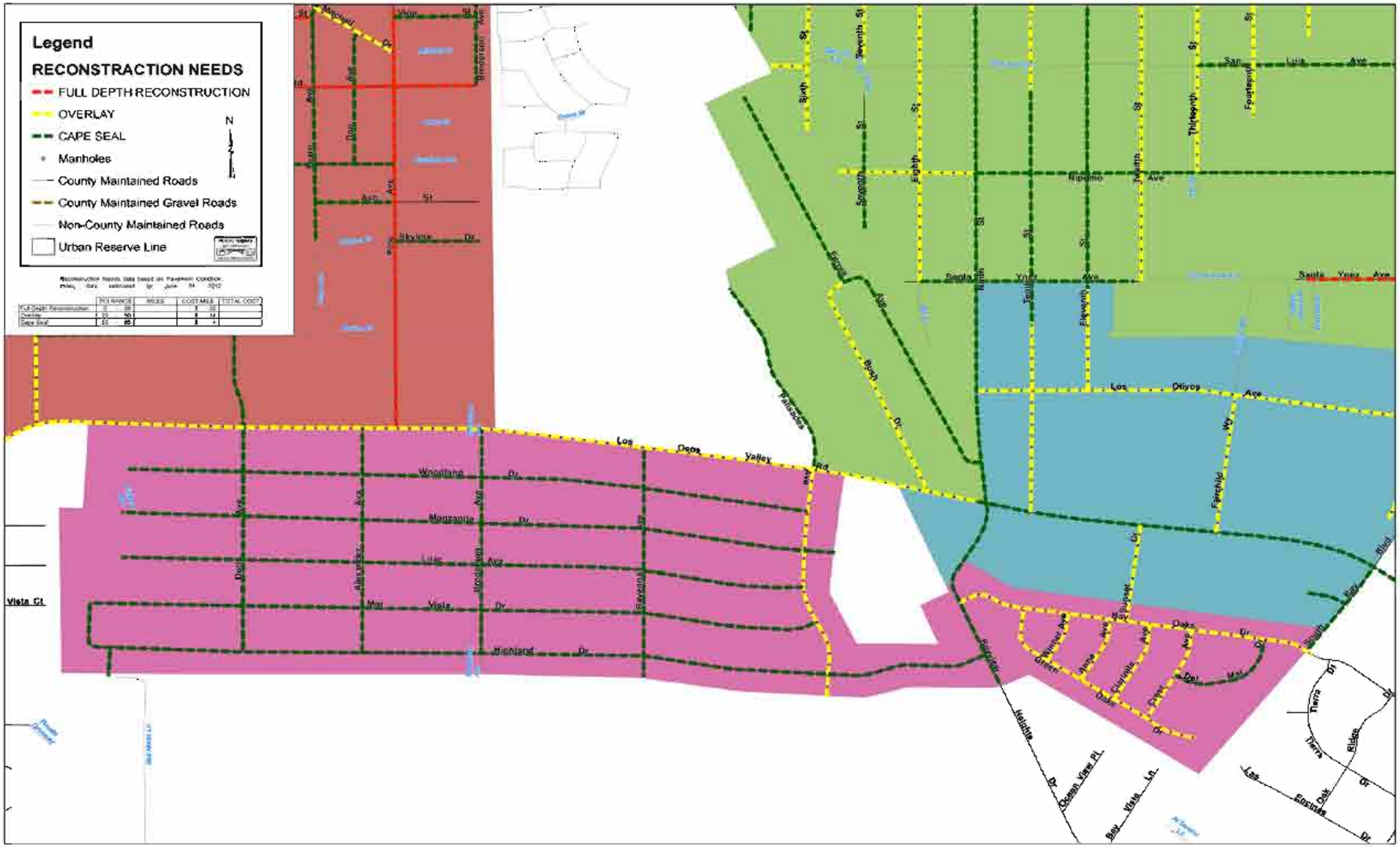
0 750 1,500
Feet

LOS OSOS
Drainage Facilities, Pavement Condition and Future Roads

Pavement Condition of Other Communities

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

Pavement Reconstruction Map



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

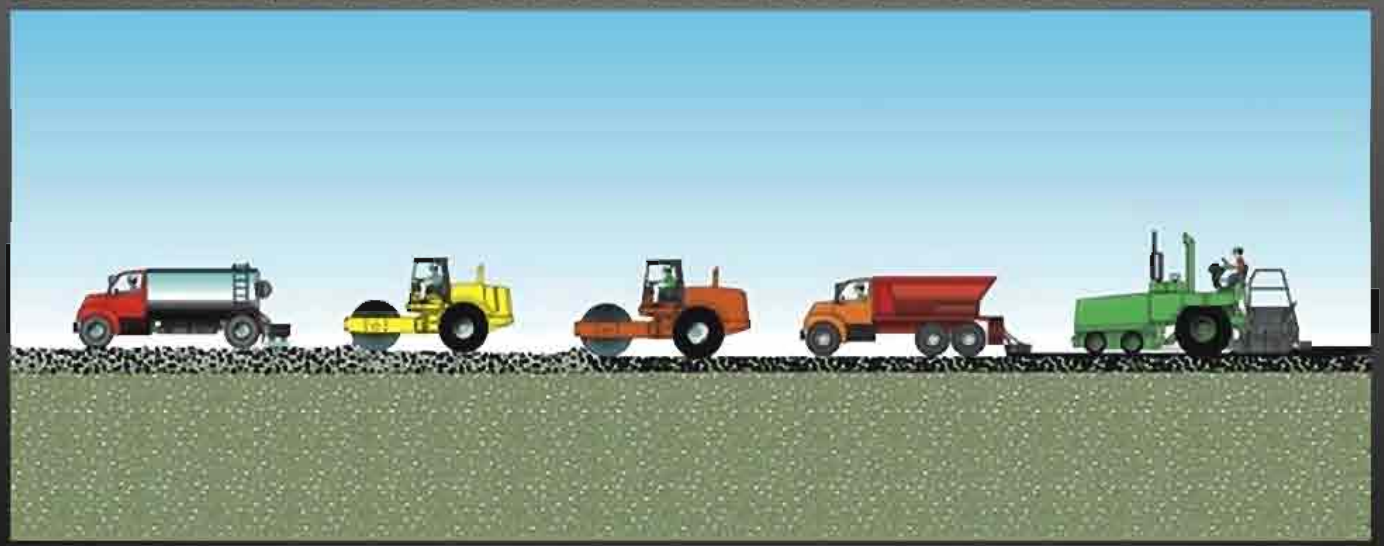
Asphalt Overlay

Slurry / Cape Seal

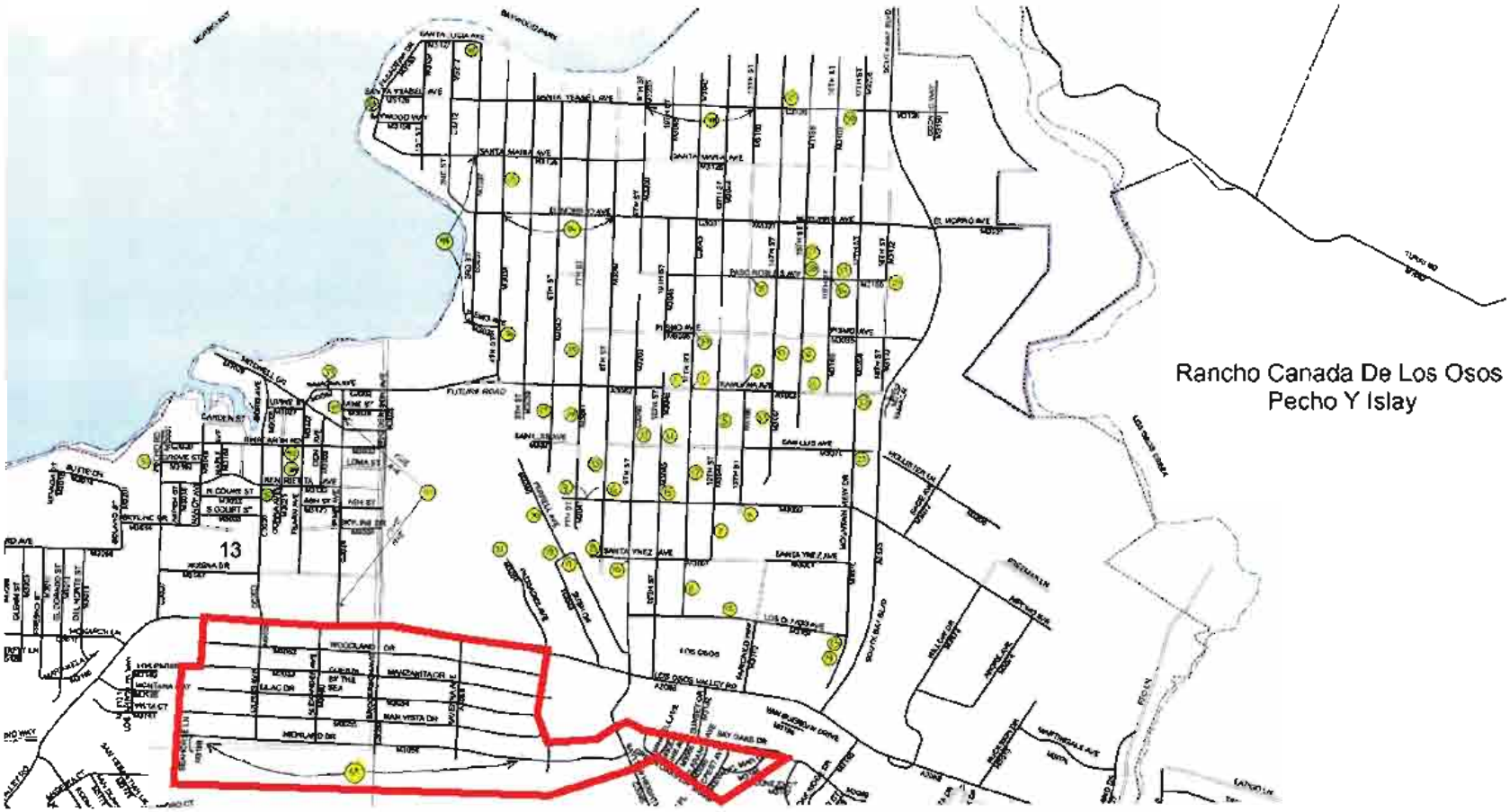
Slurry / Cape Seal

Full Depth Restoration

Example of Full Depth Reclamation



Drainage Issues Site Map



LOS OSOS DRAINAGE ISSUES SITE MAP

Drainage Issues - Site 54

- Problem: Silt, Sand, and debris deposits in the street at Highland Drive. Flooding of random properties occurs.
- Solution: Construct Detention basins and berms above Highland Drive.

Highland Drive Basins – Site 54

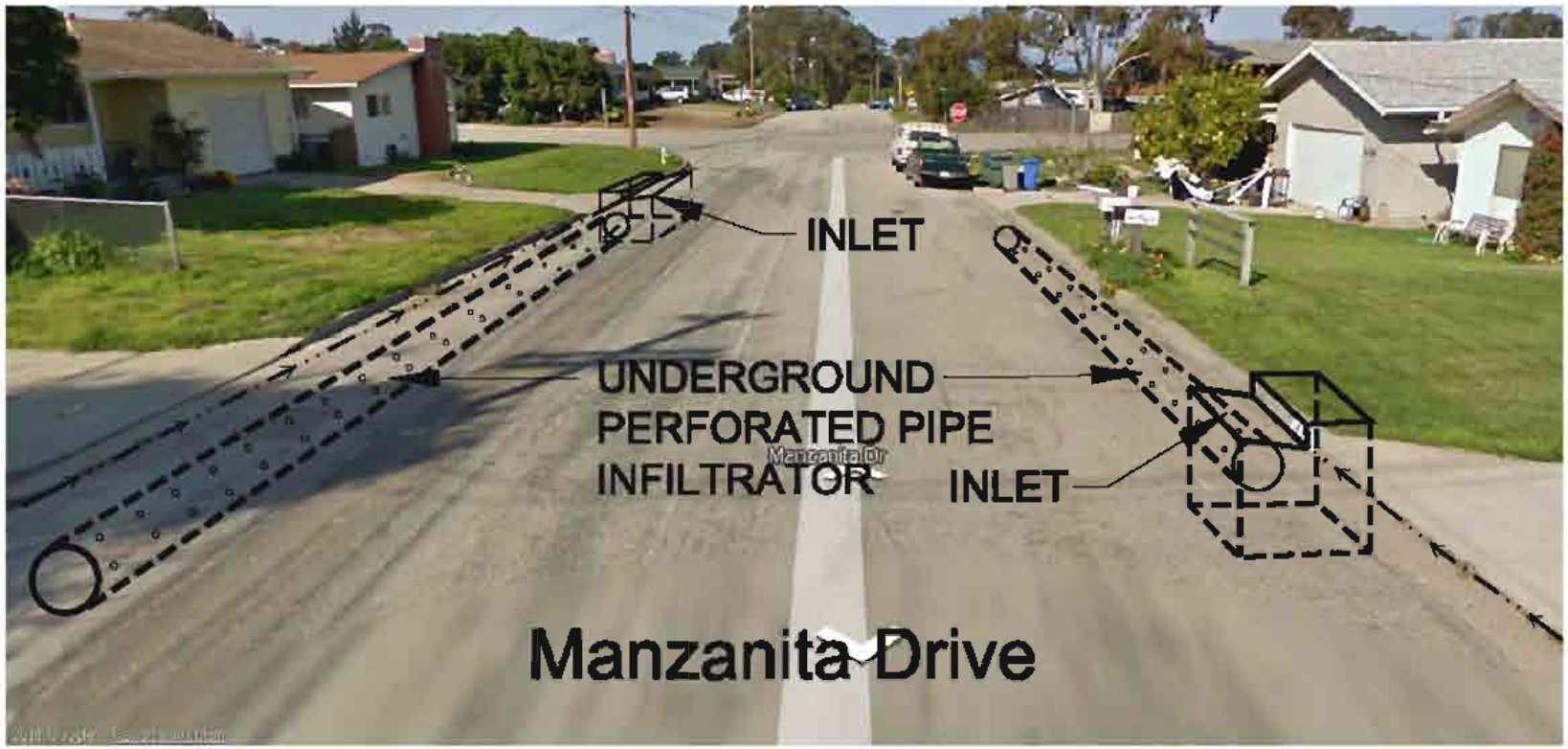
Drainage Issue

- Problem: No recharge of groundwater
- Solution: Install infiltrators

Road Side Infiltrator

UNDERGROUND ROAD SIDE INFILTRATOR

Road Side Infiltrator



UNDERGROUND ROAD SIDE INFILTRATOR

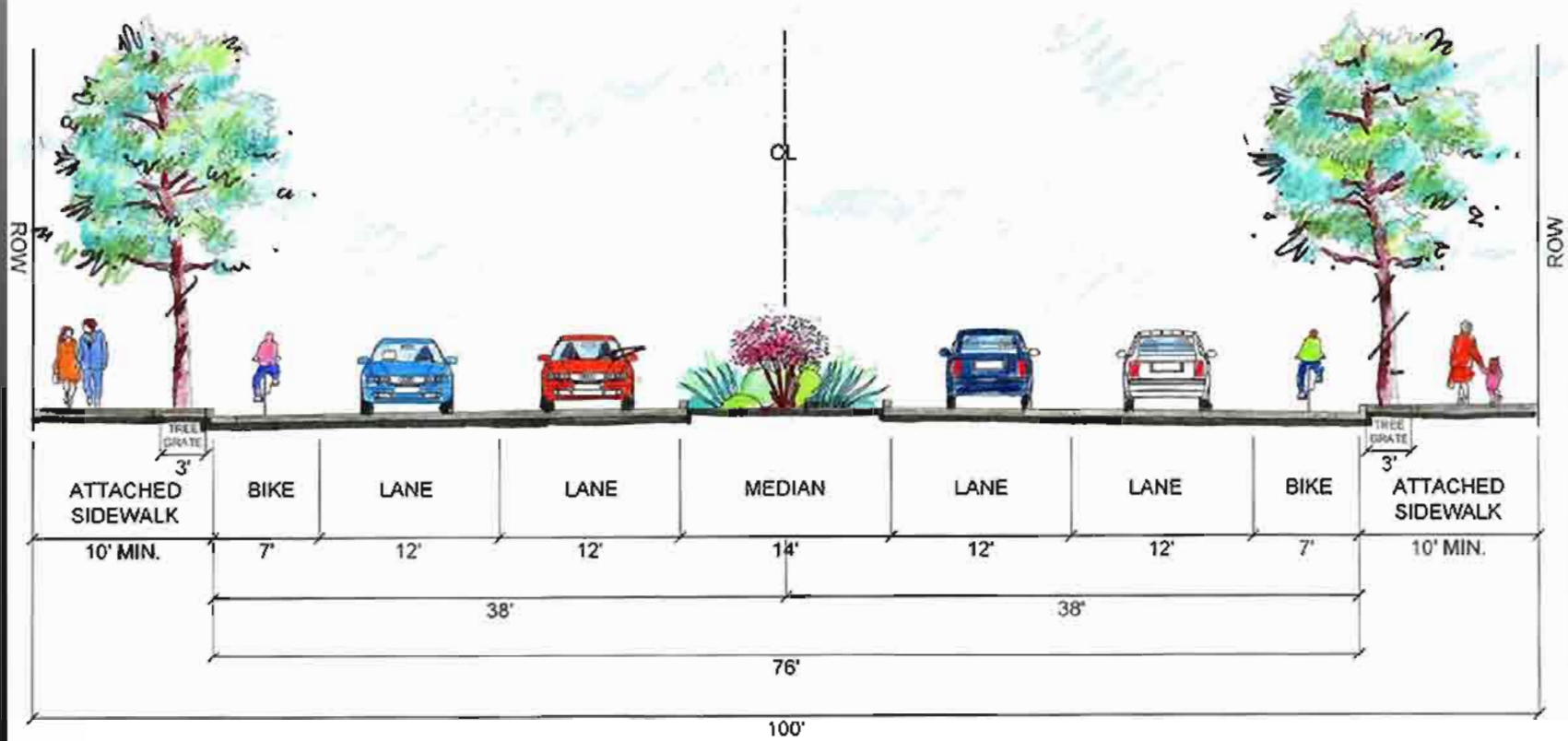
Road Side Infiltrator Photo

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

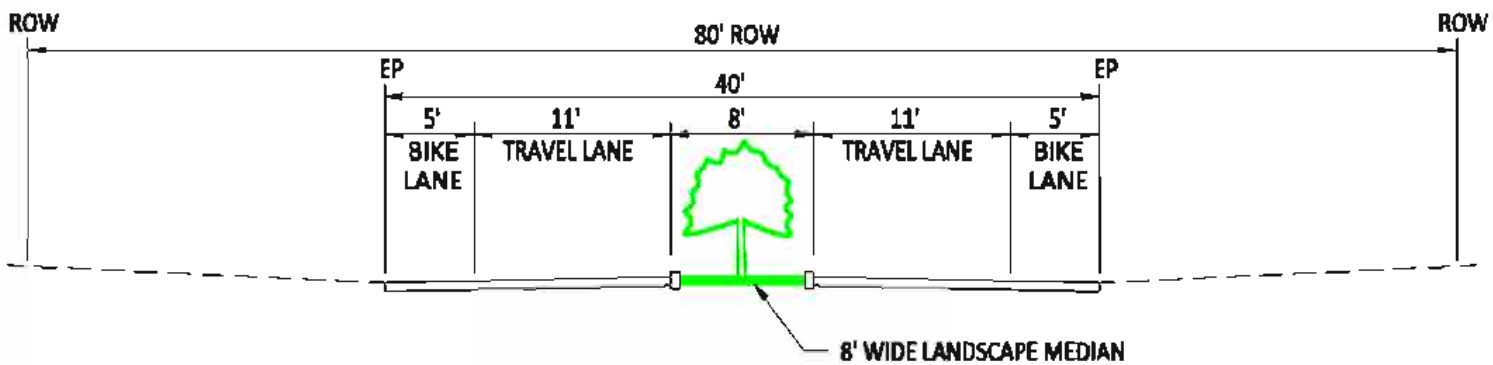
- Cooperative Roads used to bring non-maintained street up to standard and into County System
- Property Owners Decision
- Future roadway maintenance part of Road Program.
- Modified “Cooperative Road” Program could be used for constructing other betterments.
- For further information on Cooperative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

Residential Median Concept

EL MORRO AVENUE - LANDSCAPE MEDIANS

Landscaped Median Concept

EL MORRO AVENUE - TYPICAL SECTION



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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