

Agoura Road Green Space Project

Project Description:

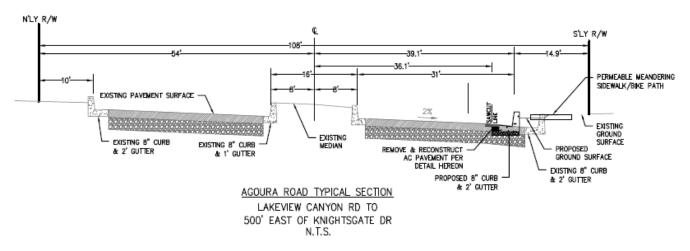
This Agoura Road Green Space project is part of an overall City of Westlake Village streetscape improvement project that creates infiltration and urban pollutant mitigation opportunities along all arterial medians and parkways.

This project proposes to remove a minimum of 11,680 square feet of asphalt concrete (AC), an impervious surface, on east bound Agoura Road which is one of the City of Westlake Village's arterial streets. The project limits are from approximately 500' east of Knightsgate to Lakeview Canyon Road; approximately 3500' linear feet. This will be accomplished by saw cutting AC, and removing a variable width of 3' to 4' of existing roadway and curb/gutter, installing new curb/gutter along new alignment, and backfilling the rest of the disturbed area (behind new curb/gutter)

Project Features:

- ✓ Comply with water quality regulations (including TMDLs) by improving the quality of urban runoff, and stormwater
- ✓ Bio-swales and other infiltration galleries to address nuisance flow throughout the year
- ✓ Provides weather based evapo-transpiration (ET) controller which saves 25% or more over conventional Non-ET controllers

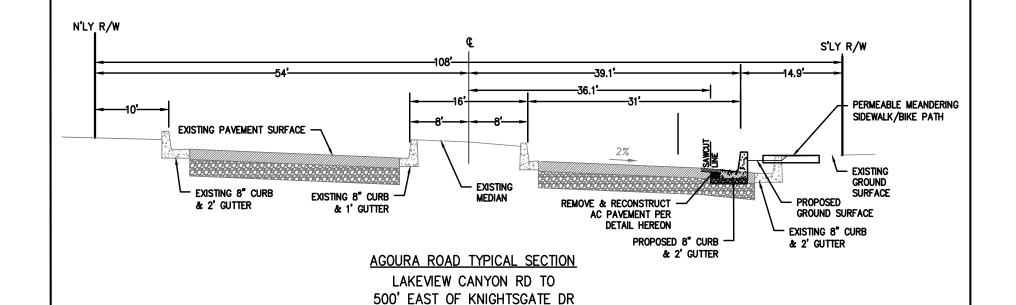
with soil. This will remove a lane on Agoura Road, and the newly created pervious area will be added to an existing variable width landscaped area (grass and trees). Existing grass will be removed, and the widened landscape area will include a permeable meandering pedestrian/bicycle path, smart irrigation controls, and low water use vegetation. Reductions in the Q10 and Q25 due to the net reduction in imperious surface are summarized below, and calculations are provided in the attached.



RUNOFF REDUCTION SUMMARY

Estimated Cost: \$1.25 Million

CATEGORY	VALUE
NET REDUCTION IN IMPERVIOUS AREA	11680 SF
NET REDUCTION IN Q10	0.059 CFS
NET REDUCTION IN Q25	0.069 CFS



N.T.S.

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CITY OF WESTLAKE VILLAGE

AGOURA ROAD SIDEWALK IMPROVEMENTS

TYPICAL SECTION

DRAWN BY:	RS/BT	DESIGNED BY: MB	CHECKED BY: RCH
FILENAME:		SHT. 1 OF 1 SHTS.	PLAN NO.



ASSOCIATES

ERS•PLANNERS

OFFICE			

0.878 = 25-YR Conversion Factor

WILLDAN
ENGINE

BY	DATE	_PROJECT	AGOURA	RO	SIPEWALK	_SHEET	_OF
CK'D	_DATE	_LOCATION					

PER LA COUNTY HYDROLO GY MANUAL